


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

*** PROJECT INFORMATION

Project Name :
Date : 2013/3/28

*** CONTROL DATA

Panel Zone Effect : Do not Calculate
 Unit System : N, MM
 Definition of Frame
 - X Direction of Frame : Unbraced I Sway
 - Y Direction of Frame : Unbraced I Sway
 - Design Type : 3-D
 Design Code
 - Steel : Eurocode3:05
 - Concrete : Eurocode2:04
 - SRC : SSRC79

*** LOAD CASE DATA

NO	NAME	TYPE	SELF WEIGHT FACTOR			DESCRIPTION
			X	Y	Z	
1	pp	USER	0.000	0.000	-1.000	
2	acc	USER	0.000	0.000	0.000	
3	MVmincmobDz2924	USER	0.000	0.000	0.000	Carico mobile imp esist x2
4	q	USER	0.000	0.000	0.000	2.5 su carreggiata
5	q1	USER	0.000	0.000	0.000	9 su corsia esterna lato nuovo
6	q2	USER	0.000	0.000	0.000	9 su corsia esterna lato esist
7	f1	USER	0.000	0.000	0.000	600 lato esistente
8	f2	USER	0.000	0.000	0.000	600 corsia intermedia
9	f3	USER	0.000	0.000	0.000	600 lato nuovo
10	vento y	USER	0.000	0.000	0.000	
11	vento -y	USER	0.000	0.000	0.000	
12	sisms y	USER	0.000	0.100	0.000	0.1 peso in orizzontale
13	cedimento	USER	0.000	0.000	0.000	2 cm pile nuove
14	f4	USER	0.000	0.000	0.000	
15	f5	USER	0.000	0.000	0.000	
16	perm	USER	0.000	0.000	0.000	
17	f6	USER	0.000	0.000	0.000	

*** MATERIAL PROPERTY DATA

NO	NAME	TYPE	MODULUS OF		SHEAR	THERMAL	POISSON	
			ELASTICITY	MODULUS	MODULUS	COEFF.	RATIO	D
1	Rck45	CONC	3.408e+004	1.42e+004	1e-005		0.2	2.
2	S355	STEEL	2.1e+005	8.077e+004	1.2e-005		0.3	7.69

NO	NAME	TYPE	STRENGTH OF DESIGN MATERIAL			
			STEEL	CONCRETE	MAIN REBAR	SUB REBAR
1	Rck45	CONC	-	35	400	400

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63	4.365e+004	-3189	-4500	0
64	4.365e+004	-2869	-4500	0
65	4.365e+004	-2589	-4500	0
66	4.491e+004	-3789	-4500	0
67	4.491e+004	-3510	-4500	0
68	4.491e+004	-3189	-4500	0
69	4.491e+004	-2869	-4500	0
70	4.491e+004	-2589	-4500	0
71	4.617e+004	-3789	-4500	0
72	4.617e+004	-3510	-4500	0
73	4.617e+004	-3189	-4500	0
74	4.617e+004	-2869	-4500	0
75	4.617e+004	-2589	-4500	0
76	4.744e+004	-3789	-4500	0
77	4.744e+004	-3510	-4500	0
78	4.744e+004	-3189	-4500	0
79	4.744e+004	-2869	-4500	0
80	4.744e+004	-2589	-4500	0
81	4.87e+004	-3789	-4500	0
82	4.87e+004	-3510	-4500	0
83	4.87e+004	-3189	-4500	0
84	4.87e+004	-2869	-4500	0
85	4.87e+004	-2589	-4500	0
86	4.996e+004	-3789	-4500	0
87	4.996e+004	-3510	-4500	0
88	4.996e+004	-3189	-4500	0
89	4.996e+004	-2869	-4500	0
90	4.996e+004	-2589	-4500	0
91	5.123e+004	-3789	-4500	0
92	5.123e+004	-3510	-4500	0
93	5.123e+004	-3189	-4500	0
94	5.123e+004	-2869	-4500	0
95	5.123e+004	-2589	-4500	0
96	5.249e+004	-3789	-4500	0
97	5.249e+004	-3510	-4500	0
98	5.249e+004	-3189	-4500	0
99	5.249e+004	-2869	-4500	0
100	5.249e+004	-2589	-4500	0
101	5.375e+004	-3789	-4500	0
102	5.375e+004	-3510	-4500	0
103	5.375e+004	-3189	-4500	0
104	5.375e+004	-2869	-4500	0
105	5.375e+004	-2589	-4500	0
106	5.501e+004	-3789	-4500	0
107	5.501e+004	-3510	-4500	0
108	5.501e+004	-3189	-4500	0
109	5.501e+004	-2869	-4500	0
110	5.501e+004	-2589	-4500	0
111	5.628e+004	-3789	-4500	0
112	5.628e+004	-3510	-4500	0
113	5.628e+004	-3189	-4500	0
114	5.628e+004	-2869	-4500	0
115	5.628e+004	-2589	-4500	0
116	5.754e+004	-3789	-4500	0
117	5.754e+004	-3510	-4500	0
118	5.754e+004	-3189	-4500	0
119	5.754e+004	-2869	-4500	0
120	5.754e+004	-2589	-4500	0
121	5.88e+004	-3789	-4500	0
122	5.88e+004	-3510	-4500	0
123	5.88e+004	-3189	-4500	0
124	5.88e+004	-2869	-4500	0
125	5.88e+004	-2589	-4500	0
126	6.006e+004	-3789	-4500	0
127	6.006e+004	-3510	-4500	0
128	6.006e+004	-3189	-4500	0
129	6.006e+004	-2869	-4500	0
130	6.006e+004	-2589	-4500	0
131	6.133e+004	-3789	-4500	0

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132	6.133e+004	-3510	-4500	0
133	6.133e+004	-3189	-4500	0
134	6.133e+004	-2869	-4500	0
135	6.133e+004	-2589	-4500	0
136	6.259e+004	-3789	-4500	0
137	6.259e+004	-3510	-4500	0
138	6.259e+004	-3189	-4500	0
139	6.259e+004	-2869	-4500	0
140	6.259e+004	-2589	-4500	0
141	6.385e+004	-3789	-4500	0
142	6.385e+004	-3510	-4500	0
143	6.385e+004	-3189	-4500	0
144	6.385e+004	-2869	-4500	0
145	6.385e+004	-2589	-4500	0
146	6.511e+004	-3789	-4500	0
147	6.511e+004	-3510	-4500	0
148	6.511e+004	-3189	-4500	0
149	6.511e+004	-2869	-4500	0
150	6.511e+004	-2589	-4500	0
151	6.638e+004	-3789	-4500	0
152	6.638e+004	-3510	-4500	0
153	6.638e+004	-3189	-4500	0
154	6.638e+004	-2869	-4500	0
155	6.638e+004	-2589	-4500	0
156	6.764e+004	-3789	-4500	0
157	6.764e+004	-3510	-4500	0
158	6.764e+004	-3189	-4500	0
159	6.764e+004	-2869	-4500	0
160	6.764e+004	-2589	-4500	0
161	6.89e+004	-3789	-4500	0
162	6.89e+004	-3510	-4500	0
163	6.89e+004	-3189	-4500	0
164	6.89e+004	-2869	-4500	0
165	6.89e+004	-2589	-4500	0
166	7.016e+004	-3789	-4500	0
167	7.016e+004	-3510	-4500	0
168	7.016e+004	-3189	-4500	0
169	7.016e+004	-2869	-4500	0
170	7.016e+004	-2589	-4500	0
171	7.143e+004	-3789	-4500	0
172	7.143e+004	-3510	-4500	0
173	7.143e+004	-3189	-4500	0
174	7.143e+004	-2869	-4500	0
175	7.143e+004	-2589	-4500	0
176	7.269e+004	-3789	-4500	0
177	7.269e+004	-3510	-4500	0
178	7.269e+004	-3189	-4500	0
179	7.269e+004	-2869	-4500	0
180	7.269e+004	-2589	-4500	0
181	7.395e+004	-3789	-4500	0
182	7.395e+004	-3510	-4500	0
183	7.395e+004	-3189	-4500	0
184	7.395e+004	-2869	-4500	0
185	7.395e+004	-2589	-4500	0
186	7.521e+004	-3789	-4500	0
187	7.521e+004	-3510	-4500	0
188	7.521e+004	-3189	-4500	0
189	7.521e+004	-2869	-4500	0
190	7.521e+004	-2589	-4500	0
191	7.647e+004	-3789	-4500	0
192	7.647e+004	-3510	-4500	0
193	7.647e+004	-3189	-4500	0
194	7.647e+004	-2869	-4500	0
195	7.647e+004	-2589	-4500	0
196	7.774e+004	-3789	-4500	0
197	7.774e+004	-3510	-4500	0
198	7.774e+004	-3189	-4500	0
199	7.774e+004	-2869	-4500	0
200	7.774e+004	-2589	-4500	0

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201	7.9e+004	-3789	-4500	0
203	7.9e+004	-3510	-4500	0
205	7.9e+004	-3189	-4500	0
206	7.9e+004	-2869	-4500	0
207	7.9e+004	-2589	-4500	0
208	8.026e+004	-3189	-4500	0
209	8.026e+004	-2869	-4500	0
210	8.026e+004	-2589	-4500	0
211	8.037e+004	-3879	-4500	0
212	8.039e+004	-3600	-4500	0
215	8.153e+004	-3189	-4500	0
216	8.153e+004	-2869	-4500	0
217	8.153e+004	-2589	-4500	0
218	8.163e+004	-3980	-4500	0
219	8.165e+004	-3701	-4500	0
220	8.168e+004	-3382	-4500	0
222	8.279e+004	-3189	-4500	0
223	8.279e+004	-2869	-4500	0
224	8.279e+004	-2589	-4500	0
225	8.289e+004	-4081	-4500	0
226	8.291e+004	-3802	-4500	0
227	8.294e+004	-3483	-4500	0
229	8.405e+004	-3189	-4500	0
231	8.405e+004	-2869	-4500	0
232	8.405e+004	-2589	-4500	0
233	8.415e+004	-4182	-4500	0
234	8.417e+004	-3904	-4500	0
235	8.419e+004	-3584	-4500	0
237	8.531e+004	-3510	-4500	0
238	8.531e+004	-3189	-4500	0
239	8.531e+004	-2869	-4500	0
240	8.531e+004	-2589	-4500	0
241	8.541e+004	-4284	-4500	0
242	8.543e+004	-4005	-4500	0
243	8.545e+004	-3686	-4500	0
245	8.658e+004	-3789	-4500	0
246	8.658e+004	-3510	-4500	0
247	8.658e+004	-3189	-4500	0
248	8.658e+004	-2869	-4500	0
249	8.658e+004	-2589	-4500	0
250	8.666e+004	-4385	-4500	0
251	8.669e+004	-4106	-4500	0
252	8.671e+004	-3787	-4500	0
253	8.784e+004	-3510	-4500	0
254	8.784e+004	-3189	-4500	0
255	8.784e+004	-2869	-4500	0
256	8.784e+004	-2589	-4500	0
257	8.792e+004	-4486	-4500	0
258	8.794e+004	-4207	-4500	0
259	8.797e+004	-3888	-4500	0
261	8.91e+004	-3510	-4500	0
263	8.91e+004	-3189	-4500	0
264	8.91e+004	-2869	-4500	0
265	8.91e+004	-2589	-4500	0
266	8.918e+004	-4587	-4500	0
267	8.92e+004	-4309	-4500	0
268	8.923e+004	-3989	-4500	0
270	9.036e+004	-3789	-4500	0
271	9.036e+004	-3510	-4500	0
272	9.036e+004	-3189	-4500	0
273	9.036e+004	-2869	-4500	0
274	9.036e+004	-2589	-4500	0
275	9.044e+004	-4689	-4500	0
276	9.046e+004	-4410	-4500	0
277	9.049e+004	-4091	-4500	0
278	9.163e+004	-3789	-4500	0
279	9.163e+004	-3510	-4500	0
280	9.163e+004	-3189	-4500	0
281	9.163e+004	-2869	-4500	0

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282	9.163e+004	-2589	-4500	0
283	9.17e+004	-4790	-4500	0
284	9.172e+004	-4511	-4500	0
285	9.175e+004	-4192	-4500	0
286	9.289e+004	-3789	-4500	0
287	9.289e+004	-3510	-4500	0
288	9.289e+004	-3189	-4500	0
289	9.289e+004	-2869	-4500	0
290	9.289e+004	-2589	-4500	0
291	9.296e+004	-4891	-4500	0
292	9.298e+004	-4612	-4500	0
293	9.3e+004	-4293	-4500	0
294	9.415e+004	-3789	-4500	0
295	9.415e+004	-3510	-4500	0
296	9.415e+004	-3189	-4500	0
297	9.415e+004	-2869	-4500	0
298	9.415e+004	-2589	-4500	0
299	9.421e+004	-4992	-4500	0
300	9.424e+004	-4714	-4500	0
301	9.426e+004	-4394	-4500	0
302	9.429e+004	-4075	-4500	0
303	9.541e+004	-3789	-4500	0
304	9.541e+004	-3510	-4500	0
305	9.541e+004	-3189	-4500	0
306	9.541e+004	-2869	-4500	0
307	9.541e+004	-2589	-4500	0
308	9.547e+004	-5094	-4500	0
309	9.55e+004	-4815	-4500	0
310	9.552e+004	-4496	-4500	0
311	9.555e+004	-4176	-4500	0
312	9.557e+004	-3898	-4500	0
313	9.668e+004	-3789	-4500	0
314	9.668e+004	-3510	-4500	0
315	9.668e+004	-3189	-4500	0
316	9.668e+004	-2869	-4500	0
317	9.668e+004	-2589	-4500	0
318	9.673e+004	-5195	-4500	0
319	9.675e+004	-4916	-4500	0
320	9.678e+004	-4597	-4500	0
321	9.68e+004	-4278	-4500	0
322	9.683e+004	-3999	-4500	0
323	9.794e+004	-3789	-4500	0
324	9.794e+004	-3510	-4500	0
325	9.794e+004	-3189	-4500	0
326	9.794e+004	-2869	-4500	0
327	9.794e+004	-2589	-4500	0
328	9.799e+004	-5296	-4500	0
329	9.801e+004	-5017	-4500	0
330	9.804e+004	-4698	-4500	0
331	9.806e+004	-4379	-4500	0
332	9.809e+004	-4100	-4500	0
333	9.92e+004	-3789	-4500	0
334	9.92e+004	-3510	-4500	0
335	9.92e+004	-3189	-4500	0
336	9.92e+004	-2869	-4500	0
337	9.92e+004	-2589	-4500	0
338	9.925e+004	-5397	-4500	0
339	9.927e+004	-5119	-4500	0
340	9.93e+004	-4799	-4500	0
341	9.932e+004	-4480	-4500	0
342	9.934e+004	-4201	-4500	0
343	1.005e+005	-3789	-4500	0
344	1.005e+005	-3510	-4500	0
345	1.005e+005	-3189	-4500	0
346	1.005e+005	-2869	-4500	0
347	1.005e+005	-2589	-4500	0
348	1.005e+005	-5499	-4500	0
349	1.005e+005	-5220	-4500	0
350	1.006e+005	-4901	-4500	0

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351	1.006e+005	-4581	-4500	0
352	1.006e+005	-4303	-4500	0
353	1.017e+005	-3789	-4500	0
354	1.017e+005	-3510	-4500	0
355	1.017e+005	-3189	-4500	0
356	1.017e+005	-2869	-4500	0
357	1.017e+005	-2589	-4500	0
358	1.018e+005	-5600	-4500	0
359	1.018e+005	-5321	-4500	0
360	1.018e+005	-5002	-4500	0
361	1.018e+005	-4683	-4500	0
362	1.019e+005	-4404	-4500	0
363	1.03e+005	-3789	-4500	0
364	1.03e+005	-3510	-4500	0
365	1.03e+005	-3189	-4500	0
366	1.03e+005	-2869	-4500	0
367	1.03e+005	-2589	-4500	0
368	1.03e+005	-5701	-4500	0
369	1.03e+005	-5422	-4500	0
370	1.031e+005	-5103	-4500	0
371	1.031e+005	-4784	-4500	0
372	1.031e+005	-4505	-4500	0
373	1.043e+005	-3789	-4500	0
374	1.043e+005	-3510	-4500	0
375	1.043e+005	-3189	-4500	0
376	1.043e+005	-2869	-4500	0
377	1.043e+005	-2589	-4500	0
378	1.043e+005	-5802	-4500	0
379	1.043e+005	-5524	-4500	0
380	1.043e+005	-5204	-4500	0
381	1.044e+005	-4885	-4500	0
382	1.044e+005	-4606	-4500	0
383	1.055e+005	-3789	-4500	0
384	1.055e+005	-3510	-4500	0
385	1.055e+005	-3189	-4500	0
386	1.055e+005	-2869	-4500	0
387	1.055e+005	-2589	-4500	0
388	1.055e+005	-5904	-4500	0
389	1.056e+005	-5625	-4500	0
390	1.056e+005	-5306	-4500	0
391	1.056e+005	-4986	-4500	0
392	1.056e+005	-4708	-4500	0
393	1.068e+005	-3789	-4500	0
394	1.068e+005	-3510	-4500	0
395	1.068e+005	-3189	-4500	0
396	1.068e+005	-2869	-4500	0
397	1.068e+005	-2589	-4500	0
398	1.068e+005	-6005	-4500	0
399	1.068e+005	-5726	-4500	0
400	1.068e+005	-5407	-4500	0
401	1.069e+005	-5088	-4500	0
402	1.069e+005	-4809	-4500	0
403	1.08e+005	-3789	-4500	0
404	1.08e+005	-3510	-4500	0
405	1.08e+005	-3189	-4500	0
406	1.08e+005	-2869	-4500	0
407	1.08e+005	-2589	-4500	0
408	1.081e+005	-6106	-4500	0
409	1.081e+005	-5827	-4500	0
410	1.081e+005	-5508	-4500	0
411	1.081e+005	-5189	-4500	0
412	1.082e+005	-4910	-4500	0
413	1.093e+005	-3789	-4500	0
414	1.093e+005	-3510	-4500	0
415	1.093e+005	-3189	-4500	0
416	1.093e+005	-2869	-4500	0
417	1.093e+005	-2589	-4500	0
418	1.093e+005	-6207	-4500	0
419	1.093e+005	-5929	-4500	0

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		impalcatoUP8-UP9-rev6-IN.mdl

420	1.094e+005	-5609	-4500	0
421	1.094e+005	-5290	-4500	0
422	1.094e+005	-5011	-4500	0
423	1.106e+005	-3789	-4500	0
424	1.106e+005	-3510	-4500	0
425	1.106e+005	-3189	-4500	0
426	1.106e+005	-2869	-4500	0
427	1.106e+005	-2589	-4500	0
428	1.106e+005	-6309	-4500	0
429	1.106e+005	-6030	-4500	0
430	1.106e+005	-5711	-4500	0
431	1.106e+005	-5391	-4500	0
432	1.107e+005	-5113	-4500	0
433	1.118e+005	-3789	-4500	0
434	1.118e+005	-3510	-4500	0
435	1.118e+005	-3189	-4500	0
436	1.118e+005	-2869	-4500	0
437	1.118e+005	-2589	-4500	0
438	1.118e+005	-6410	-4500	0
439	1.119e+005	-6131	-4500	0
440	1.119e+005	-5812	-4500	0
441	1.119e+005	-5493	-4500	0
442	1.119e+005	-5214	-4500	0
443	1.131e+005	-3789	-4500	0
444	1.131e+005	-3510	-4500	0
445	1.131e+005	-3189	-4500	0
446	1.131e+005	-2869	-4500	0
447	1.131e+005	-2589	-4500	0
448	1.131e+005	-6511	-4500	0
449	1.131e+005	-6232	-4500	0
450	1.131e+005	-5913	-4500	0
451	1.132e+005	-5594	-4500	0
452	1.132e+005	-5315	-4500	0
453	1.143e+005	-6612	-4500	0
454	1.143e+005	-3789	-4500	0
455	1.143e+005	-3510	-4500	0
456	1.143e+005	-3189	-4500	0
457	1.143e+005	-2869	-4500	0
458	1.143e+005	-2589	-4500	0
459	1.144e+005	-6334	-4500	0
460	1.144e+005	-6014	-4500	0
461	1.144e+005	-5695	-4500	0
462	1.144e+005	-5416	-4500	0
463	1.156e+005	-6714	-4500	0
464	1.156e+005	-3789	-4500	0
465	1.156e+005	-3510	-4500	0
466	1.156e+005	-3189	-4500	0
467	1.156e+005	-2869	-4500	0
468	1.156e+005	-2589	-4500	0
469	1.156e+005	-6435	-4500	0
470	1.157e+005	-6116	-4500	0
471	1.157e+005	-5796	-4500	0
472	1.157e+005	-5518	-4500	0
473	1.169e+005	-6815	-4500	0
474	1.169e+005	-3789	-4500	0
475	1.169e+005	-3510	-4500	0
476	1.169e+005	-3189	-4500	0
477	1.169e+005	-2869	-4500	0
478	1.169e+005	-2589	-4500	0
479	1.169e+005	-6536	-4500	0
480	1.169e+005	-6217	-4500	0
481	1.169e+005	-5898	-4500	0
482	1.17e+005	-5619	-4500	0
483	1.181e+005	-6916	-4500	0
484	1.181e+005	-3789	-4500	0
485	1.181e+005	-3510	-4500	0
486	1.181e+005	-3189	-4500	0
487	1.181e+005	-2869	-4500	0
488	1.181e+005	-2589	-4500	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

489	1.181e+005	-6637	-4500	0
490	1.182e+005	-6318	-4500	0
491	1.182e+005	-5999	-4500	0
492	1.182e+005	-5720	-4500	0
493	1.194e+005	-7017	-4500	0
494	1.194e+005	-3789	-4500	0
495	1.194e+005	-3510	-4500	0
496	1.194e+005	-3189	-4500	0
497	1.194e+005	-2869	-4500	0
498	1.194e+005	-2589	-4500	0
499	1.194e+005	-6739	-4500	0
500	1.194e+005	-6419	-4500	0
501	1.195e+005	-6100	-4500	0
502	1.195e+005	-5821	-4500	0
503	1.206e+005	-7119	-4500	0
504	1.207e+005	-3789	-4500	0
505	1.207e+005	-3510	-4500	0
506	1.207e+005	-3189	-4500	0
507	1.207e+005	-2869	-4500	0
508	1.207e+005	-2589	-4500	0
509	1.207e+005	-6840	-4500	0
510	1.207e+005	-6521	-4500	0
511	1.207e+005	-6201	-4500	0
512	1.207e+005	-5923	-4500	0
513	1.219e+005	-7220	-4500	0
514	1.219e+005	-6941	-4500	0
515	1.219e+005	-3789	-4500	0
516	1.219e+005	-3510	-4500	0
517	1.219e+005	-3189	-4500	0
518	1.219e+005	-2869	-4500	0
519	1.219e+005	-2589	-4500	0
520	1.219e+005	-6622	-4500	0
521	1.22e+005	-6303	-4500	0
522	1.22e+005	-6024	-4500	0
523	1.232e+005	-7321	-4500	0
524	1.232e+005	-7042	-4500	0
525	1.232e+005	-3789	-4500	0
526	1.232e+005	-3510	-4500	0
527	1.232e+005	-3189	-4500	0
528	1.232e+005	-2869	-4500	0
529	1.232e+005	-2589	-4500	0
530	1.232e+005	-6723	-4500	0
531	1.232e+005	-6404	-4500	0
532	1.233e+005	-6125	-4500	0
533	1.244e+005	-7422	-4500	0
534	1.244e+005	-7144	-4500	0
535	1.245e+005	-3789	-4500	0
536	1.245e+005	-3510	-4500	0
537	1.245e+005	-3189	-4500	0
538	1.245e+005	-2869	-4500	0
539	1.245e+005	-2589	-4500	0
540	1.245e+005	-6824	-4500	0
541	1.245e+005	-6505	-4500	0
542	1.245e+005	-6226	-4500	0
543	1.257e+005	-7524	-4500	0
544	1.257e+005	-7245	-4500	0
545	1.257e+005	-3789	-4500	0
546	1.257e+005	-3510	-4500	0
547	1.257e+005	-3189	-4500	0
548	1.257e+005	-2869	-4500	0
549	1.257e+005	-2589	-4500	0
550	1.257e+005	-6926	-4500	0
551	1.257e+005	-6606	-4500	0
552	1.258e+005	-6328	-4500	0
553	1.269e+005	-7625	-4500	0
554	1.27e+005	-7346	-4500	0
555	1.27e+005	-3789	-4500	0
556	1.27e+005	-3510	-4500	0
557	1.27e+005	-3189	-4500	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

558	1.27e+005	-2869	-4500	0
559	1.27e+005	-2589	-4500	0
560	1.27e+005	-7027	-4500	0
561	1.27e+005	-6708	-4500	0
562	1.27e+005	-6429	-4500	0
563	1.279e+005	-7706	-4500	0
564	1.28e+005	-7427	-4500	0
565	1.28e+005	-3789	-4500	0
566	1.28e+005	-3510	-4500	0
567	1.28e+005	-3189	-4500	0
568	1.28e+005	-2869	-4500	0
569	1.28e+005	-2589	-4500	0
570	1.28e+005	-7108	-4500	0
571	1.28e+005	-6789	-4500	0
572	1.28e+005	-6510	-4500	0
573	1.29e+005	-7787	-4500	0
574	1.29e+005	-7508	-4500	0
575	1.29e+005	-7189	-4500	0
576	1.29e+005	-3789	-4500	0
577	1.29e+005	-3510	-4500	0
578	1.29e+005	-3189	-4500	0
579	1.29e+005	-2869	-4500	0
580	1.29e+005	-2589	-4500	0
581	1.29e+005	-6870	-4500	0
582	1.29e+005	-6591	-4500	0
583	2.705e+004	2814	-3920	0
584	2.705e+004	3275	-3920	0
585	2.705e+004	4019	-3920	0
586	2.705e+004	4521	-3920	0
587	2.705e+004	5024	-3920	0
588	2.705e+004	5275	-3920	0
589	2.705e+004	6029	-3920	0
590	2.705e+004	6531	-3920	0
591	2.705e+004	7275	-3920	0
592	2.705e+004	7736	-3920	0
593	2.799e+004	2814	-3920	0
594	2.799e+004	3275	-3920	0
595	2.799e+004	4019	-3920	0
596	2.799e+004	4521	-3920	0
597	2.799e+004	5024	-3920	0
598	2.799e+004	5275	-3920	0
599	2.799e+004	6029	-3920	0
600	2.799e+004	6531	-3920	0
601	2.799e+004	7275	-3920	0
602	2.799e+004	7736	-3920	0
603	2.9e+004	2814	-3920	0
605	2.9e+004	3275	-3920	0
606	2.9e+004	4019	-3920	0
607	2.9e+004	4521	-3920	0
608	2.9e+004	5024	-3920	0
609	2.9e+004	5275	-3920	0
610	2.9e+004	6029	-3920	0
611	2.9e+004	6531	-3920	0
612	2.9e+004	7275	-3920	0
613	2.9e+004	7736	-3920	0
615	3.001e+004	2814	-3920	0
616	3.001e+004	3275	-3920	0
617	3.001e+004	4019	-3920	0
618	3.001e+004	4521	-3920	0
619	3.001e+004	5024	-3920	0
620	3.001e+004	5275	-3920	0
621	3.001e+004	6029	-3920	0
622	3.001e+004	6531	-3920	0
623	3.001e+004	7275	-3920	0
624	3.001e+004	7736	-3920	0
625	3.095e+004	2814	-3920	0
626	3.095e+004	3275	-3920	0
627	3.095e+004	4019	-3920	0
628	3.095e+004	4521	-3920	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

629	3.095e+004	5024	-3920	0
630	3.095e+004	5275	-3920	0
631	3.095e+004	6029	-3920	0
632	3.095e+004	6531	-3920	0
633	3.095e+004	7275	-3920	0
634	3.095e+004	7736	-3920	0
635	1.271e+005	2814	-3920	0
636	1.271e+005	3275	-3920	0
637	1.271e+005	4019	-3920	0
638	1.271e+005	4521	-3920	0
639	1.271e+005	5024	-3920	0
640	1.271e+005	5275	-3920	0
641	1.271e+005	6029	-3920	0
642	1.271e+005	6531	-3920	0
643	1.271e+005	7275	-3920	0
644	1.271e+005	7736	-3920	0
645	1.28e+005	2814	-3920	0
646	1.28e+005	3275	-3920	0
647	1.28e+005	4019	-3920	0
648	1.28e+005	4521	-3920	0
649	1.28e+005	5024	-3920	0
650	1.28e+005	5275	-3920	0
651	1.28e+005	6029	-3920	0
652	1.28e+005	6531	-3920	0
653	1.28e+005	7275	-3920	0
654	1.28e+005	7736	-3920	0
655	1.29e+005	2814	-3920	0
656	1.29e+005	3275	-3920	0
657	1.29e+005	4019	-3920	0
658	1.29e+005	4521	-3920	0
659	1.29e+005	5024	-3920	0
660	1.29e+005	5275	-3920	0
661	1.29e+005	6029	-3920	0
662	1.29e+005	6531	-3920	0
663	1.29e+005	7275	-3920	0
664	1.29e+005	7736	-3920	0
665	1.3e+005	2814	-3920	0
666	1.3e+005	3275	-3920	0
667	1.3e+005	4019	-3920	0
668	1.3e+005	4521	-3920	0
669	1.3e+005	5024	-3920	0
670	1.3e+005	5275	-3920	0
671	1.3e+005	6029	-3920	0
672	1.3e+005	6531	-3920	0
673	1.3e+005	7275	-3920	0
674	1.3e+005	7736	-3920	0
675	1.31e+005	2814	-3920	0
676	1.31e+005	3275	-3920	0
677	1.31e+005	4019	-3920	0
678	1.31e+005	4521	-3920	0
679	1.31e+005	5024	-3920	0
680	1.31e+005	5275	-3920	0
681	1.31e+005	6029	-3920	0
682	1.31e+005	6531	-3920	0
683	1.31e+005	7275	-3920	0
684	1.31e+005	7736	-3920	0
685	2.571e+004	2814	-3797	0
686	2.571e+004	3517	-3797	0
687	2.571e+004	4019	-3797	0
688	2.571e+004	4521	-3797	0
689	2.571e+004	5024	-3797	0
690	2.571e+004	5526	-3797	0
691	2.571e+004	6029	-3797	0
692	2.571e+004	6531	-3797	0
693	2.571e+004	7033	-3797	0
694	2.571e+004	7736	-3797	0
695	3.229e+004	2814	-3797	0
696	3.229e+004	3517	-3797	0
697	3.229e+004	4019	-3797	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

698	3.229e+004	4521	-3797	0
699	3.229e+004	5024	-3797	0
700	3.229e+004	5526	-3797	0
701	3.229e+004	6029	-3797	0
702	3.229e+004	6531	-3797	0
703	3.229e+004	7033	-3797	0
704	3.229e+004	7736	-3797	0
705	1.257e+005	2814	-3797	0
706	1.257e+005	3517	-3797	0
707	1.257e+005	4019	-3797	0
708	1.257e+005	4521	-3797	0
709	1.257e+005	5024	-3797	0
710	1.257e+005	5526	-3797	0
711	1.257e+005	6029	-3797	0
712	1.257e+005	6531	-3797	0
713	1.257e+005	7033	-3797	0
714	1.257e+005	7736	-3797	0
715	1.323e+005	2814	-3797	0
716	1.323e+005	3517	-3797	0
717	1.323e+005	4019	-3797	0
718	1.323e+005	4521	-3797	0
719	1.323e+005	5024	-3797	0
720	1.323e+005	5526	-3797	0
721	1.323e+005	6029	-3797	0
722	1.323e+005	6531	-3797	0
723	1.323e+005	7033	-3797	0
724	1.323e+005	7736	-3797	0
725	3.355e+004	2814	-3711	0
726	3.355e+004	3517	-3711	0
727	3.355e+004	4019	-3711	0
728	3.355e+004	4521	-3711	0
729	3.355e+004	5024	-3711	0
730	3.355e+004	5526	-3711	0
731	3.355e+004	6029	-3711	0
732	3.355e+004	6531	-3711	0
733	3.355e+004	7033	-3711	0
734	3.355e+004	7736	-3711	0
735	1.245e+005	2814	-3711	0
736	1.245e+005	3517	-3711	0
737	1.245e+005	4019	-3711	0
738	1.245e+005	4521	-3711	0
739	1.245e+005	5024	-3711	0
740	1.245e+005	5526	-3711	0
741	1.245e+005	6029	-3711	0
742	1.245e+005	6531	-3711	0
743	1.245e+005	7033	-3711	0
744	1.245e+005	7736	-3711	0
745	3.481e+004	2814	-3630	0
746	3.481e+004	3517	-3630	0
747	3.481e+004	4019	-3630	0
748	3.481e+004	4521	-3630	0
749	3.481e+004	5024	-3630	0
750	3.481e+004	5526	-3630	0
751	3.481e+004	6029	-3630	0
752	3.481e+004	6531	-3630	0
753	3.481e+004	7033	-3630	0
754	3.481e+004	7736	-3630	0
755	1.232e+005	2814	-3630	0
756	1.232e+005	3517	-3630	0
757	1.232e+005	4019	-3630	0
758	1.232e+005	4521	-3630	0
759	1.232e+005	5024	-3630	0
760	1.232e+005	5526	-3630	0
761	1.232e+005	6029	-3630	0
762	1.232e+005	6531	-3630	0
763	1.232e+005	7033	-3630	0
764	1.232e+005	7736	-3630	0
765	3.608e+004	2814	-3549	0
766	3.608e+004	3517	-3549	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

767	3.608e+004	4019	-3549	0
768	3.608e+004	4521	-3549	0
769	3.608e+004	5024	-3549	0
770	3.608e+004	5526	-3549	0
771	3.608e+004	6029	-3549	0
772	3.608e+004	6531	-3549	0
773	3.608e+004	7033	-3549	0
774	3.608e+004	7736	-3549	0
775	1.219e+005	2814	-3549	0
776	1.219e+005	3517	-3549	0
777	1.219e+005	4019	-3549	0
778	1.219e+005	4521	-3549	0
779	1.219e+005	5024	-3549	0
780	1.219e+005	5526	-3549	0
781	1.219e+005	6029	-3549	0
782	1.219e+005	6531	-3549	0
783	1.219e+005	7033	-3549	0
784	1.219e+005	7736	-3549	0
785	2.9e+004	-2669	-3520	0
786	3.355e+004	-2669	-3520	0
787	3.86e+004	-2669	-3520	0
788	4.365e+004	-2669	-3520	0
789	4.87e+004	-2669	-3520	0
790	5.375e+004	-2669	-3520	0
791	5.88e+004	-2669	-3520	0
792	6.385e+004	-2669	-3520	0
793	6.89e+004	-2669	-3520	0
794	7.395e+004	-2669	-3520	0
795	7.9e+004	-2669	-3520	0
796	8.405e+004	-3189	-3520	0
797	8.405e+004	-2669	-3520	0
798	8.91e+004	-3510	-3520	0
799	8.91e+004	-2669	-3520	0
800	9.415e+004	-2669	-3520	0
801	9.43e+004	-3876	-3520	0
802	9.92e+004	-2669	-3520	0
803	9.934e+004	-4281	-3520	0
804	1.043e+005	-2669	-3520	0
805	1.044e+005	-4686	-3520	0
806	1.093e+005	-2669	-3520	0
807	1.094e+005	-5091	-3520	0
808	1.144e+005	-2669	-3520	0
809	1.144e+005	-5496	-3520	0
810	1.194e+005	-2669	-3520	0
811	1.195e+005	-5901	-3520	0
812	1.245e+005	-2669	-3520	0
813	1.245e+005	-6306	-3520	0
814	1.29e+005	-2669	-3520	0
815	1.29e+005	-6671	-3520	0
816	2.9e+004	-3189	-3520	0
817	3.001e+004	-3189	-3520	0
818	3.001e+004	-2669	-3520	0
819	3.102e+004	-3189	-3520	0
820	3.102e+004	-2669	-3520	0
821	3.229e+004	-3189	-3520	0
822	3.229e+004	-2669	-3520	0
823	3.355e+004	-3189	-3520	0
824	3.481e+004	-3189	-3520	0
825	3.481e+004	-2669	-3520	0
826	3.608e+004	-3189	-3520	0
827	3.608e+004	-2669	-3520	0
828	3.734e+004	-3189	-3520	0
829	3.734e+004	-2669	-3520	0
830	3.86e+004	-3189	-3520	0
831	3.986e+004	-3189	-3520	0
832	3.986e+004	-2669	-3520	0
833	4.113e+004	-3189	-3520	0
834	4.113e+004	-2669	-3520	0
835	4.239e+004	-3189	-3520	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

836	4.239e+004	-2669	-3520	0
837	4.365e+004	-3189	-3520	0
838	4.491e+004	-3189	-3520	0
839	4.491e+004	-2669	-3520	0
840	4.617e+004	-3189	-3520	0
841	4.617e+004	-2669	-3520	0
842	4.744e+004	-3189	-3520	0
843	4.744e+004	-2669	-3520	0
844	4.87e+004	-3189	-3520	0
845	4.996e+004	-3189	-3520	0
846	4.996e+004	-2669	-3520	0
847	5.123e+004	-3189	-3520	0
848	5.123e+004	-2669	-3520	0
849	5.249e+004	-3189	-3520	0
850	5.249e+004	-2669	-3520	0
851	5.375e+004	-3189	-3520	0
852	5.501e+004	-3189	-3520	0
853	5.501e+004	-2669	-3520	0
854	5.628e+004	-3189	-3520	0
855	5.628e+004	-2669	-3520	0
856	5.754e+004	-3189	-3520	0
857	5.754e+004	-2669	-3520	0
858	5.88e+004	-3189	-3520	0
859	6.006e+004	-3189	-3520	0
860	6.006e+004	-2669	-3520	0
861	6.133e+004	-3189	-3520	0
862	6.133e+004	-2669	-3520	0
863	6.259e+004	-3189	-3520	0
864	6.259e+004	-2669	-3520	0
865	6.385e+004	-3189	-3520	0
866	6.511e+004	-3189	-3520	0
867	6.511e+004	-2669	-3520	0
868	6.638e+004	-3189	-3520	0
869	6.638e+004	-2669	-3520	0
870	6.764e+004	-3189	-3520	0
871	6.764e+004	-2669	-3520	0
872	6.89e+004	-3189	-3520	0
873	7.016e+004	-3189	-3520	0
874	7.016e+004	-2669	-3520	0
875	7.143e+004	-3189	-3520	0
876	7.143e+004	-2669	-3520	0
877	7.269e+004	-3189	-3520	0
878	7.269e+004	-2669	-3520	0
879	7.395e+004	-3189	-3520	0
880	7.521e+004	-3189	-3520	0
881	7.521e+004	-2669	-3520	0
882	7.647e+004	-3189	-3520	0
883	7.647e+004	-2669	-3520	0
884	7.774e+004	-3189	-3520	0
885	7.774e+004	-2669	-3520	0
886	7.9e+004	-3189	-3520	0
887	8.026e+004	-3189	-3520	0
888	8.026e+004	-2669	-3520	0
891	8.153e+004	-3189	-3520	0
892	8.153e+004	-2669	-3520	0
894	8.172e+004	-2863	-3520	0
895	8.279e+004	-3189	-3520	0
896	8.279e+004	-2669	-3520	0
898	8.298e+004	-2965	-3520	0
900	8.419e+004	-3584	-3520	0
901	8.531e+004	-3189	-3520	0
902	8.531e+004	-2669	-3520	0
903	8.545e+004	-3686	-3520	0
904	8.658e+004	-3189	-3520	0
905	8.658e+004	-2669	-3520	0
906	8.671e+004	-3787	-3520	0
907	8.675e+004	-3268	-3520	0
908	8.784e+004	-3189	-3520	0
909	8.784e+004	-2669	-3520	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl


910	8.797e+004	-3888	-3520	0
911	8.801e+004	-3370	-3520	0
912	8.91e+004	-3189	-3520	0
913	8.923e+004	-3989	-3520	0
914	9.036e+004	-3189	-3520	0
915	9.036e+004	-2669	-3520	0
916	9.049e+004	-4091	-3520	0
917	9.053e+004	-3572	-3520	0
918	9.163e+004	-3189	-3520	0
919	9.163e+004	-2669	-3520	0
920	9.175e+004	-4192	-3520	0
921	9.179e+004	-3673	-3520	0
922	9.289e+004	-3189	-3520	0
923	9.289e+004	-2669	-3520	0
924	9.3e+004	-4293	-3520	0
925	9.305e+004	-3775	-3520	0
926	9.415e+004	-3189	-3520	0
927	9.426e+004	-4394	-3520	0
928	9.541e+004	-3189	-3520	0
929	9.541e+004	-2669	-3520	0
930	9.552e+004	-4496	-3520	0
931	9.556e+004	-3977	-3520	0
932	9.668e+004	-3189	-3520	0
933	9.668e+004	-2669	-3520	0
934	9.678e+004	-4597	-3520	0
935	9.682e+004	-4078	-3520	0
936	9.794e+004	-3189	-3520	0
937	9.794e+004	-2669	-3520	0
938	9.804e+004	-4698	-3520	0
939	9.808e+004	-4180	-3520	0
940	9.92e+004	-3189	-3520	0
941	9.93e+004	-4799	-3520	0
942	1.005e+005	-3189	-3520	0
943	1.005e+005	-2669	-3520	0
944	1.006e+005	-4901	-3520	0
945	1.006e+005	-4382	-3520	0
946	1.017e+005	-3189	-3520	0
947	1.017e+005	-2669	-3520	0
948	1.018e+005	-5002	-3520	0
949	1.019e+005	-4483	-3520	0
950	1.03e+005	-3189	-3520	0
951	1.03e+005	-2669	-3520	0
952	1.031e+005	-5103	-3520	0
953	1.031e+005	-4585	-3520	0
954	1.043e+005	-3189	-3520	0
955	1.043e+005	-5204	-3520	0
956	1.055e+005	-3189	-3520	0
957	1.055e+005	-2669	-3520	0
958	1.056e+005	-5306	-3520	0
959	1.056e+005	-4787	-3520	0
960	1.068e+005	-3189	-3520	0
961	1.068e+005	-2669	-3520	0
962	1.068e+005	-5407	-3520	0
963	1.069e+005	-4888	-3520	0
964	1.08e+005	-3189	-3520	0
965	1.08e+005	-2669	-3520	0
966	1.081e+005	-5508	-3520	0
967	1.081e+005	-4990	-3520	0
968	1.093e+005	-3189	-3520	0
969	1.094e+005	-5609	-3520	0
970	1.106e+005	-3189	-3520	0
971	1.106e+005	-2669	-3520	0
972	1.106e+005	-5711	-3520	0
973	1.107e+005	-5192	-3520	0
974	1.118e+005	-3189	-3520	0
975	1.118e+005	-2669	-3520	0
976	1.119e+005	-5812	-3520	0
977	1.119e+005	-5293	-3520	0
978	1.131e+005	-3189	-3520	0

PROJECT TITLE :

	Company	Client
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		impalcatoUP8-UP9-rev6-IN.mdl

979	1.131e+005	-2669	-3520	0
980	1.131e+005	-5913	-3520	0
981	1.132e+005	-5395	-3520	0
982	1.143e+005	-3189	-3520	0
983	1.144e+005	-6014	-3520	0
984	1.156e+005	-3189	-3520	0
985	1.156e+005	-2669	-3520	0
986	1.157e+005	-6116	-3520	0
987	1.157e+005	-5597	-3520	0
988	1.169e+005	-3189	-3520	0
989	1.169e+005	-2669	-3520	0
990	1.169e+005	-6217	-3520	0
991	1.17e+005	-5698	-3520	0
992	1.181e+005	-3189	-3520	0
993	1.181e+005	-2669	-3520	0
994	1.182e+005	-6318	-3520	0
995	1.182e+005	-5800	-3520	0
996	1.194e+005	-3189	-3520	0
997	1.194e+005	-6419	-3520	0
998	1.207e+005	-3189	-3520	0
999	1.207e+005	-2669	-3520	0
1000	1.207e+005	-6521	-3520	0
1001	1.207e+005	-6002	-3520	0
1002	1.219e+005	-3189	-3520	0
1003	1.219e+005	-2669	-3520	0
1004	1.219e+005	-6622	-3520	0
1005	1.22e+005	-6103	-3520	0
1006	1.232e+005	-3189	-3520	0
1007	1.232e+005	-2669	-3520	0
1008	1.232e+005	-6723	-3520	0
1009	1.232e+005	-6205	-3520	0
1010	1.245e+005	-3189	-3520	0
1011	1.245e+005	-6824	-3520	0
1012	1.257e+005	-3189	-3520	0
1013	1.257e+005	-2669	-3520	0
1014	1.257e+005	-6926	-3520	0
1015	1.258e+005	-6407	-3520	0
1016	1.27e+005	-3189	-3520	0
1017	1.27e+005	-2669	-3520	0
1018	1.27e+005	-7027	-3520	0
1019	1.27e+005	-6508	-3520	0
1020	1.28e+005	-3189	-3520	0
1021	1.28e+005	-2669	-3520	0
1022	1.28e+005	-7108	-3520	0
1023	1.28e+005	-6590	-3520	0
1024	1.29e+005	-7189	-3520	0
1025	1.29e+005	-3189	-3520	0
1026	3.734e+004	2814	-3473	0
1027	3.734e+004	3517	-3473	0
1028	3.734e+004	4019	-3473	0
1029	3.734e+004	4521	-3473	0
1030	3.734e+004	5024	-3473	0
1031	3.734e+004	5526	-3473	0
1032	3.734e+004	6029	-3473	0
1033	3.734e+004	6531	-3473	0
1034	3.734e+004	7033	-3473	0
1035	3.734e+004	7736	-3473	0
1036	1.207e+005	2814	-3473	0
1037	1.207e+005	3517	-3473	0
1038	1.207e+005	4019	-3473	0
1039	1.207e+005	4521	-3473	0
1040	1.207e+005	5024	-3473	0
1041	1.207e+005	5526	-3473	0
1042	1.207e+005	6029	-3473	0
1043	1.207e+005	6531	-3473	0
1044	1.207e+005	7033	-3473	0
1045	1.207e+005	7736	-3473	0
1046	3.86e+004	2814	-3396	0
1047	3.86e+004	3517	-3396	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

1048	3.86e+004	4019	-3396	0
1049	3.86e+004	4521	-3396	0
1050	3.86e+004	5024	-3396	0
1051	3.86e+004	5526	-3396	0
1052	3.86e+004	6029	-3396	0
1053	3.86e+004	6531	-3396	0
1054	3.86e+004	7033	-3396	0
1055	3.86e+004	7736	-3396	0
1056	1.194e+005	2814	-3396	0
1057	1.194e+005	3517	-3396	0
1058	1.194e+005	4019	-3396	0
1059	1.194e+005	4521	-3396	0
1060	1.194e+005	5024	-3396	0
1061	1.194e+005	5526	-3396	0
1062	1.194e+005	6029	-3396	0
1063	1.194e+005	6531	-3396	0
1064	1.194e+005	7033	-3396	0
1065	1.194e+005	7736	-3396	0
1066	3.986e+004	2814	-3324	0
1067	3.986e+004	3517	-3324	0
1068	3.986e+004	4019	-3324	0
1069	3.986e+004	4521	-3324	0
1070	3.986e+004	5024	-3324	0
1071	3.986e+004	5526	-3324	0
1072	3.986e+004	6029	-3324	0
1073	3.986e+004	6531	-3324	0
1074	3.986e+004	7033	-3324	0
1075	3.986e+004	7736	-3324	0
1076	1.181e+005	2814	-3324	0
1077	1.181e+005	3517	-3324	0
1078	1.181e+005	4019	-3324	0
1079	1.181e+005	4521	-3324	0
1080	1.181e+005	5024	-3324	0
1081	1.181e+005	5526	-3324	0
1082	1.181e+005	6029	-3324	0
1083	1.181e+005	6531	-3324	0
1084	1.181e+005	7033	-3324	0
1085	1.181e+005	7736	-3324	0
1086	2.571e+004	2814	-3267	0
1087	2.571e+004	7736	-3267	0
1088	2.705e+004	2814	-3267	0
1089	2.705e+004	7736	-3267	0
1090	2.799e+004	2814	-3267	0
1091	2.799e+004	7736	-3267	0
1092	2.9e+004	2814	-3267	0
1093	2.9e+004	7736	-3267	0
1094	3.001e+004	2814	-3267	0
1095	3.001e+004	7736	-3267	0
1096	3.095e+004	2814	-3267	0
1097	3.095e+004	7736	-3267	0
1098	3.229e+004	2814	-3267	0
1099	3.229e+004	7736	-3267	0
1100	3.355e+004	2814	-3267	0
1101	3.355e+004	7736	-3267	0
1102	1.245e+005	2814	-3267	0
1103	1.245e+005	7736	-3267	0
1104	1.257e+005	2814	-3267	0
1105	1.257e+005	7736	-3267	0
1106	1.271e+005	2814	-3267	0
1107	1.271e+005	7736	-3267	0
1108	1.28e+005	2814	-3267	0
1109	1.28e+005	7736	-3267	0
1110	1.29e+005	2814	-3267	0
1111	1.29e+005	7736	-3267	0
1112	1.3e+005	2814	-3267	0
1113	1.3e+005	7736	-3267	0
1114	1.31e+005	2814	-3267	0
1115	1.31e+005	7736	-3267	0
1116	1.323e+005	2814	-3267	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

1117	1.323e+005	7736	-3267	0
1118	4.113e+004	2814	-3253	0
1119	4.113e+004	3517	-3253	0
1120	4.113e+004	4019	-3253	0
1121	4.113e+004	4521	-3253	0
1122	4.113e+004	5024	-3253	0
1123	4.113e+004	5526	-3253	0
1124	4.113e+004	6029	-3253	0
1125	4.113e+004	6531	-3253	0
1126	4.113e+004	7033	-3253	0
1127	4.113e+004	7736	-3253	0
1128	1.169e+005	2814	-3253	0
1129	1.169e+005	3517	-3253	0
1130	1.169e+005	4019	-3253	0
1131	1.169e+005	4521	-3253	0
1132	1.169e+005	5024	-3253	0
1133	1.169e+005	5526	-3253	0
1134	1.169e+005	6029	-3253	0
1135	1.169e+005	6531	-3253	0
1136	1.169e+005	7033	-3253	0
1137	1.169e+005	7736	-3253	0
1138	4.239e+004	2814	-3185	0
1139	4.239e+004	3517	-3185	0
1140	4.239e+004	4019	-3185	0
1141	4.239e+004	4521	-3185	0
1142	4.239e+004	5024	-3185	0
1143	4.239e+004	5526	-3185	0
1144	4.239e+004	6029	-3185	0
1145	4.239e+004	6531	-3185	0
1146	4.239e+004	7033	-3185	0
1147	4.239e+004	7736	-3185	0
1148	1.156e+005	2814	-3185	0
1149	1.156e+005	3517	-3185	0
1150	1.156e+005	4019	-3185	0
1151	1.156e+005	4521	-3185	0
1152	1.156e+005	5024	-3185	0
1153	1.156e+005	5526	-3185	0
1154	1.156e+005	6029	-3185	0
1155	1.156e+005	6531	-3185	0
1156	1.156e+005	7033	-3185	0
1157	1.156e+005	7736	-3185	0
1158	3.481e+004	2814	-3120	0
1159	3.481e+004	7736	-3120	0
1160	1.232e+005	2814	-3120	0
1161	1.232e+005	7736	-3120	0
1162	4.365e+004	2814	-3118	0
1163	4.365e+004	3517	-3118	0
1164	4.365e+004	4019	-3118	0
1165	4.365e+004	4521	-3118	0
1166	4.365e+004	5024	-3118	0
1167	4.365e+004	5526	-3118	0
1168	4.365e+004	6029	-3118	0
1169	4.365e+004	6531	-3118	0
1170	4.365e+004	7033	-3118	0
1171	4.365e+004	7736	-3118	0
1172	1.143e+005	2814	-3118	0
1173	1.143e+005	3517	-3118	0
1174	1.143e+005	4019	-3118	0
1175	1.143e+005	4521	-3118	0
1176	1.143e+005	5024	-3118	0
1177	1.143e+005	5526	-3118	0
1178	1.143e+005	6029	-3118	0
1179	1.143e+005	6531	-3118	0
1180	1.143e+005	7033	-3118	0
1181	1.143e+005	7736	-3118	0
1182	4.491e+004	2814	-3045	0
1183	4.491e+004	3517	-3045	0
1184	4.491e+004	4019	-3045	0
1185	4.491e+004	4521	-3045	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl


1186	4.491e+004	5024	-3045	0
1187	4.491e+004	5526	-3045	0
1188	4.491e+004	6029	-3045	0
1189	4.491e+004	6531	-3045	0
1190	4.491e+004	7033	-3045	0
1191	4.491e+004	7736	-3045	0
1192	1.131e+005	2814	-3045	0
1193	1.131e+005	3517	-3045	0
1194	1.131e+005	4019	-3045	0
1195	1.131e+005	4521	-3045	0
1196	1.131e+005	5024	-3045	0
1197	1.131e+005	5526	-3045	0
1198	1.131e+005	6029	-3045	0
1199	1.131e+005	6531	-3045	0
1200	1.131e+005	7033	-3045	0
1201	1.131e+005	7736	-3045	0
1202	3.608e+004	2814	-2973	0
1203	3.608e+004	7736	-2973	0
1204	3.734e+004	2814	-2973	0
1205	3.734e+004	7736	-2973	0
1206	3.86e+004	2814	-2973	0
1207	3.86e+004	7736	-2973	0
1208	4.617e+004	2814	-2972	0
1209	4.617e+004	3517	-2972	0
1210	4.617e+004	4019	-2972	0
1211	4.617e+004	4521	-2972	0
1212	4.617e+004	5024	-2972	0
1213	4.617e+004	5526	-2972	0
1214	4.617e+004	6029	-2972	0
1215	4.617e+004	6531	-2972	0
1216	4.617e+004	7033	-2972	0
1217	4.617e+004	7736	-2972	0
1218	1.118e+005	2814	-2972	0
1219	1.118e+005	3517	-2972	0
1220	1.118e+005	4019	-2972	0
1221	1.118e+005	4521	-2972	0
1222	1.118e+005	5024	-2972	0
1223	1.118e+005	5526	-2972	0
1224	1.118e+005	6029	-2972	0
1225	1.118e+005	6531	-2972	0
1226	1.118e+005	7033	-2972	0
1227	1.118e+005	7736	-2972	0
1228	1.194e+005	2814	-2973	0
1229	1.194e+005	7736	-2973	0
1230	1.207e+005	2814	-2973	0
1231	1.207e+005	7736	-2973	0
1232	1.219e+005	2814	-2973	0
1233	1.219e+005	7736	-2973	0
1234	4.744e+004	2814	-2925	0
1235	4.744e+004	3517	-2925	0
1236	4.744e+004	4019	-2925	0
1237	4.744e+004	4521	-2925	0
1238	4.744e+004	5024	-2925	0
1239	4.744e+004	5526	-2925	0
1240	4.744e+004	6029	-2925	0
1241	4.744e+004	6531	-2925	0
1242	4.744e+004	7033	-2925	0
1243	4.744e+004	7736	-2925	0
1244	1.106e+005	2814	-2925	0
1245	1.106e+005	3517	-2925	0
1246	1.106e+005	4019	-2925	0
1247	1.106e+005	4521	-2925	0
1248	1.106e+005	5024	-2925	0
1249	1.106e+005	5526	-2925	0
1250	1.106e+005	6029	-2925	0
1251	1.106e+005	6531	-2925	0
1252	1.106e+005	7033	-2925	0
1253	1.106e+005	7736	-2925	0
1254	3.986e+004	2814	-2880	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

1255	3.986e+004	7736	-2880	0
1256	1.181e+005	2814	-2880	0
1257	1.181e+005	7736	-2880	0
1258	4.87e+004	2814	-2877	0
1259	4.87e+004	3517	-2877	0
1260	4.87e+004	4019	-2877	0
1261	4.87e+004	4521	-2877	0
1262	4.87e+004	5024	-2877	0
1263	4.87e+004	5526	-2877	0
1264	4.87e+004	6029	-2877	0
1265	4.87e+004	6531	-2877	0
1266	4.87e+004	7033	-2877	0
1267	4.87e+004	7736	-2877	0
1268	1.093e+005	2814	-2877	0
1269	1.093e+005	3517	-2877	0
1270	1.093e+005	4019	-2877	0
1271	1.093e+005	4521	-2877	0
1272	1.093e+005	5024	-2877	0
1273	1.093e+005	5526	-2877	0
1274	1.093e+005	6029	-2877	0
1275	1.093e+005	6531	-2877	0
1276	1.093e+005	7033	-2877	0
1277	1.093e+005	7736	-2877	0
1278	4.996e+004	2814	-2814	0
1279	4.996e+004	3517	-2814	0
1280	4.996e+004	4019	-2814	0
1281	4.996e+004	4521	-2814	0
1282	4.996e+004	5024	-2814	0
1283	4.996e+004	5526	-2814	0
1284	4.996e+004	6029	-2814	0
1285	4.996e+004	6531	-2814	0
1286	4.996e+004	7033	-2814	0
1287	4.996e+004	7736	-2814	0
1288	1.08e+005	2814	-2814	0
1289	1.08e+005	3517	-2814	0
1290	1.08e+005	4019	-2814	0
1291	1.08e+005	4521	-2814	0
1292	1.08e+005	5024	-2814	0
1293	1.08e+005	5526	-2814	0
1294	1.08e+005	6029	-2814	0
1295	1.08e+005	6531	-2814	0
1296	1.08e+005	7033	-2814	0
1297	1.08e+005	7736	-2814	0
1298	4.113e+004	2814	-2787	0
1299	4.113e+004	7736	-2787	0
1300	4.239e+004	2814	-2787	0
1301	4.239e+004	7736	-2787	0
1302	4.365e+004	2814	-2787	0
1303	4.365e+004	7736	-2787	0
1304	1.143e+005	2814	-2787	0
1305	1.143e+005	7736	-2787	0
1306	1.156e+005	2814	-2787	0
1307	1.156e+005	7736	-2787	0
1308	1.169e+005	2814	-2787	0
1309	1.169e+005	7736	-2787	0
1310	5.123e+004	2814	-2750	0
1311	5.123e+004	3517	-2750	0
1312	5.123e+004	4019	-2750	0
1313	5.123e+004	4521	-2750	0
1314	5.123e+004	5024	-2750	0
1315	5.123e+004	5526	-2750	0
1316	5.123e+004	6029	-2750	0
1317	5.123e+004	6531	-2750	0
1318	5.123e+004	7033	-2750	0
1319	5.122e+004	7736	-2750	0
1320	1.068e+005	2814	-2750	0
1321	1.068e+005	3517	-2750	0
1322	1.068e+005	4019	-2750	0
1323	1.068e+005	4521	-2750	0

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	Company	Client
	Author	File Name
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1324	1.068e+005	5024	-2750	0
1325	1.068e+005	5526	-2750	0
1326	1.068e+005	6029	-2750	0
1327	1.068e+005	6531	-2750	0
1328	1.068e+005	7033	-2750	0
1329	1.068e+005	7736	-2750	0
1330	5.249e+004	2814	-2712	0
1331	5.249e+004	3517	-2712	0
1332	5.249e+004	4019	-2712	0
1333	5.249e+004	4521	-2712	0
1334	5.249e+004	5024	-2712	0
1335	5.249e+004	5526	-2712	0
1336	5.249e+004	6029	-2712	0
1337	5.249e+004	6531	-2712	0
1338	5.249e+004	7033	-2712	0
1339	5.249e+004	7736	-2712	0
1340	1.055e+005	2814	-2712	0
1341	1.055e+005	3517	-2712	0
1342	1.055e+005	4019	-2712	0
1343	1.055e+005	4521	-2712	0
1344	1.055e+005	5024	-2712	0
1345	1.055e+005	5526	-2712	0
1346	1.055e+005	6029	-2712	0
1347	1.055e+005	6531	-2712	0
1348	1.055e+005	7033	-2712	0
1349	1.055e+005	7736	-2712	0
1350	5.375e+004	2814	-2673	0
1351	5.375e+004	3517	-2673	0
1352	5.375e+004	4019	-2673	0
1353	5.375e+004	4521	-2673	0
1354	5.375e+004	5024	-2673	0
1355	5.375e+004	5526	-2673	0
1356	5.375e+004	6029	-2673	0
1357	5.375e+004	6531	-2673	0
1358	5.375e+004	7033	-2673	0
1359	5.375e+004	7736	-2673	0
1360	1.043e+005	2814	-2673	0
1361	1.043e+005	3517	-2673	0
1362	1.043e+005	4019	-2673	0
1363	1.043e+005	4521	-2673	0
1364	1.043e+005	5024	-2673	0
1365	1.043e+005	5526	-2673	0
1366	1.043e+005	6029	-2673	0
1367	1.043e+005	6531	-2673	0
1368	1.043e+005	7033	-2673	0
1369	1.043e+005	7736	-2673	0
1370	4.491e+004	2814	-2632	0
1371	4.491e+004	7736	-2632	0
1372	1.131e+005	2814	-2632	0
1373	1.131e+005	7736	-2632	0
1374	5.501e+004	2814	-2629	0
1375	5.501e+004	3517	-2629	0
1376	5.501e+004	4019	-2629	0
1377	5.501e+004	4521	-2629	0
1378	5.501e+004	5024	-2629	0
1379	5.501e+004	5526	-2629	0
1380	5.501e+004	6029	-2629	0
1381	5.501e+004	6531	-2629	0
1382	5.501e+004	7033	-2629	0
1383	5.501e+004	7736	-2629	0
1384	1.03e+005	2814	-2629	0
1385	1.03e+005	3517	-2629	0
1386	1.03e+005	4019	-2629	0
1387	1.03e+005	4521	-2629	0
1388	1.03e+005	5024	-2629	0
1389	1.03e+005	5526	-2629	0
1390	1.03e+005	6029	-2629	0
1391	1.03e+005	6531	-2629	0
1392	1.03e+005	7033	-2629	0

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	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

1393	1.03e+005	7736	-2629	0
1394	2.571e+004	2814	-2613	0
1395	2.571e+004	7736	-2613	0
1396	2.705e+004	2814	-2613	0
1397	2.705e+004	7736	-2613	0
1398	2.799e+004	2814	-2613	0
1399	2.799e+004	7736	-2613	0
1400	2.9e+004	2814	-2613	0
1401	2.9e+004	7736	-2613	0
1402	3.001e+004	2814	-2613	0
1403	3.001e+004	7736	-2613	0
1404	3.095e+004	2814	-2613	0
1405	3.095e+004	7736	-2613	0
1406	3.229e+004	2814	-2613	0
1407	3.229e+004	7736	-2613	0
1408	3.355e+004	2814	-2613	0
1409	3.355e+004	7736	-2613	0
1410	1.245e+005	2814	-2613	0
1411	1.245e+005	7736	-2613	0
1412	1.257e+005	2814	-2613	0
1413	1.257e+005	7736	-2613	0
1414	1.271e+005	2814	-2613	0
1415	1.271e+005	7736	-2613	0
1416	1.28e+005	2814	-2613	0
1417	1.28e+005	7736	-2613	0
1418	1.29e+005	2814	-2613	0
1419	1.29e+005	7736	-2613	0
1420	1.3e+005	2814	-2613	0
1421	1.3e+005	7736	-2613	0
1422	1.31e+005	2814	-2613	0
1423	1.31e+005	7736	-2613	0
1424	1.323e+005	2814	-2613	0
1425	1.323e+005	7736	-2613	0
1426	5.628e+004	2814	-2585	0
1427	5.628e+004	3517	-2585	0
1428	5.628e+004	4019	-2585	0
1429	5.628e+004	4521	-2585	0
1430	5.628e+004	5024	-2585	0
1431	5.628e+004	5526	-2585	0
1432	5.628e+004	6029	-2585	0
1433	5.628e+004	6531	-2585	0
1434	5.628e+004	7033	-2585	0
1435	5.628e+004	7736	-2585	0
1436	1.017e+005	2814	-2585	0
1437	1.017e+005	3517	-2585	0
1438	1.017e+005	4019	-2585	0
1439	1.017e+005	4521	-2585	0
1440	1.017e+005	5024	-2585	0
1441	1.017e+005	5526	-2585	0
1442	1.017e+005	6029	-2585	0
1443	1.017e+005	6531	-2585	0
1444	1.017e+005	7033	-2585	0
1445	1.017e+005	7736	-2585	0
1446	5.754e+004	2814	-2546	0
1447	5.754e+004	3517	-2546	0
1448	5.754e+004	4019	-2546	0
1449	5.754e+004	4521	-2546	0
1450	5.754e+004	5024	-2546	0
1451	5.754e+004	5526	-2546	0
1452	5.754e+004	6029	-2546	0
1453	5.754e+004	6531	-2546	0
1454	5.754e+004	7033	-2546	0
1455	5.754e+004	7736	-2546	0
1456	1.005e+005	2814	-2546	0
1457	1.005e+005	3517	-2546	0
1458	1.005e+005	4019	-2546	0
1459	1.005e+005	4521	-2546	0
1460	1.005e+005	5024	-2546	0
1461	1.005e+005	5526	-2546	0

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	Company	Client
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1462	1.005e+005	6029	-2546	0
1463	1.005e+005	6531	-2546	0
1464	1.005e+005	7033	-2546	0
1465	1.005e+005	7736	-2546	0
1466	3.481e+004	2814	-2540	0
1467	3.481e+004	7736	-2540	0
1468	1.232e+005	2814	-2540	0
1469	1.232e+005	7736	-2540	0
1470	2.9e+004	-3189	-2520	0
1471	2.9e+004	-2669	-2520	0
1472	3.001e+004	-3189	-2520	0
1473	3.001e+004	-2669	-2520	0
1474	3.102e+004	-3189	-2520	0
1475	3.102e+004	-2669	-2520	0
1476	3.229e+004	-3189	-2520	0
1477	3.229e+004	-2669	-2520	0
1478	3.355e+004	-3189	-2520	0
1479	3.355e+004	-2669	-2520	0
1480	3.481e+004	-3189	-2520	0
1481	3.481e+004	-2669	-2520	0
1482	3.608e+004	-3189	-2520	0
1483	3.608e+004	-2669	-2520	0
1484	3.734e+004	-3189	-2520	0
1485	3.734e+004	-2669	-2520	0
1486	3.86e+004	-3189	-2520	0
1487	3.86e+004	-2669	-2520	0
1488	3.986e+004	-3189	-2520	0
1489	3.986e+004	-2669	-2520	0
1490	4.113e+004	-3189	-2520	0
1491	4.113e+004	-2669	-2520	0
1492	4.239e+004	-3189	-2520	0
1493	4.239e+004	-2669	-2520	0
1494	4.365e+004	-3189	-2520	0
1495	4.365e+004	-2669	-2520	0
1496	4.491e+004	-3189	-2520	0
1497	4.491e+004	-2669	-2520	0
1498	4.617e+004	-3189	-2520	0
1499	4.617e+004	-2669	-2520	0
1500	4.744e+004	-3189	-2520	0
1501	4.744e+004	-2669	-2520	0
1502	4.87e+004	-3189	-2520	0
1503	4.87e+004	-2669	-2520	0
1504	4.996e+004	-3189	-2520	0
1505	4.996e+004	-2669	-2520	0
1506	5.123e+004	-3189	-2520	0
1507	5.123e+004	-2669	-2520	0
1508	5.249e+004	-3189	-2520	0
1509	5.249e+004	-2669	-2520	0
1510	5.375e+004	-3189	-2520	0
1511	5.375e+004	-2669	-2520	0
1512	5.501e+004	-3189	-2520	0
1513	5.501e+004	-2669	-2520	0
1514	5.628e+004	-3189	-2520	0
1515	5.628e+004	-2669	-2520	0
1516	5.754e+004	-3189	-2520	0
1517	5.754e+004	-2669	-2520	0
1518	5.88e+004	-3189	-2520	0
1519	5.88e+004	-2669	-2520	0
1520	6.006e+004	-3189	-2520	0
1521	6.006e+004	-2669	-2520	0
1522	6.133e+004	-3189	-2520	0
1523	6.133e+004	-2669	-2520	0
1524	6.259e+004	-3189	-2520	0
1525	6.259e+004	-2669	-2520	0
1526	6.385e+004	-3189	-2520	0
1527	6.385e+004	-2669	-2520	0
1528	6.511e+004	-3189	-2520	0
1529	6.511e+004	-2669	-2520	0
1530	6.638e+004	-3189	-2520	0

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	Company	Client
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1531	6.638e+004	-2669	-2520	0
1532	6.764e+004	-3189	-2520	0
1533	6.764e+004	-2669	-2520	0
1534	6.89e+004	-3189	-2520	0
1535	6.89e+004	-2669	-2520	0
1536	7.016e+004	-3189	-2520	0
1537	7.016e+004	-2669	-2520	0
1538	7.143e+004	-3189	-2520	0
1539	7.143e+004	-2669	-2520	0
1540	7.269e+004	-3189	-2520	0
1541	7.269e+004	-2669	-2520	0
1542	7.395e+004	-3189	-2520	0
1543	7.395e+004	-2669	-2520	0
1544	7.521e+004	-3189	-2520	0
1545	7.521e+004	-2669	-2520	0
1546	7.647e+004	-3189	-2520	0
1547	7.647e+004	-2669	-2520	0
1548	7.774e+004	-3189	-2520	0
1549	7.774e+004	-2669	-2520	0
1550	7.79e+004	-3078	-2520	0
1551	7.9e+004	-3189	-2520	0
1552	7.9e+004	-2669	-2520	0
1553	8.026e+004	-3189	-2520	0
1554	8.026e+004	-2669	-2520	0
1557	8.153e+004	-3189	-2520	0
1558	8.153e+004	-2669	-2520	0
1560	8.172e+004	-2863	-2520	0
1561	8.279e+004	-3189	-2520	0
1562	8.279e+004	-2669	-2520	0
1564	8.298e+004	-2965	-2520	0
1565	8.405e+004	-3189	-2520	0
1567	8.405e+004	-2669	-2520	0
1568	8.419e+004	-3584	-2520	0
1569	8.531e+004	-3189	-2520	0
1571	8.531e+004	-2669	-2520	0
1572	8.545e+004	-3686	-2520	0
1573	8.658e+004	-3189	-2520	0
1574	8.658e+004	-2669	-2520	0
1575	8.671e+004	-3787	-2520	0
1576	8.675e+004	-3268	-2520	0
1577	8.784e+004	-3189	-2520	0
1578	8.784e+004	-2669	-2520	0
1579	8.797e+004	-3888	-2520	0
1580	8.801e+004	-3370	-2520	0
1581	8.91e+004	-3510	-2520	0
1582	8.91e+004	-3189	-2520	0
1583	8.91e+004	-2669	-2520	0
1584	8.923e+004	-3989	-2520	0
1585	9.036e+004	-3189	-2520	0
1586	9.036e+004	-2669	-2520	0
1587	9.049e+004	-4091	-2520	0
1588	9.053e+004	-3572	-2520	0
1589	9.163e+004	-3189	-2520	0
1590	9.163e+004	-2669	-2520	0
1591	9.175e+004	-4192	-2520	0
1592	9.179e+004	-3673	-2520	0
1593	9.289e+004	-3189	-2520	0
1594	9.289e+004	-2669	-2520	0
1595	9.3e+004	-4293	-2520	0
1596	9.305e+004	-3775	-2520	0
1597	9.415e+004	-3189	-2520	0
1598	9.415e+004	-2669	-2520	0
1599	9.426e+004	-4394	-2520	0
1600	9.43e+004	-3876	-2520	0
1601	9.541e+004	-3189	-2520	0
1602	9.541e+004	-2669	-2520	0
1603	9.552e+004	-4496	-2520	0
1604	9.556e+004	-3977	-2520	0
1605	9.668e+004	-3189	-2520	0

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1606	9.668e+004	-2669	-2520	0
1607	9.678e+004	-4597	-2520	0
1608	9.682e+004	-4078	-2520	0
1609	9.794e+004	-3189	-2520	0
1610	9.794e+004	-2669	-2520	0
1611	9.804e+004	-4698	-2520	0
1612	9.808e+004	-4180	-2520	0
1613	9.92e+004	-3189	-2520	0
1614	9.92e+004	-2669	-2520	0
1615	9.93e+004	-4799	-2520	0
1616	9.934e+004	-4281	-2520	0
1617	1.005e+005	-3189	-2520	0
1618	1.005e+005	-2669	-2520	0
1619	1.006e+005	-4901	-2520	0
1620	1.006e+005	-4382	-2520	0
1621	1.017e+005	-3189	-2520	0
1622	1.017e+005	-2669	-2520	0
1623	1.018e+005	-5002	-2520	0
1624	1.019e+005	-4483	-2520	0
1625	1.03e+005	-3189	-2520	0
1626	1.03e+005	-2669	-2520	0
1627	1.031e+005	-5103	-2520	0
1628	1.031e+005	-4585	-2520	0
1629	1.043e+005	-3189	-2520	0
1630	1.043e+005	-2669	-2520	0
1631	1.043e+005	-5204	-2520	0
1632	1.044e+005	-4686	-2520	0
1633	1.055e+005	-3189	-2520	0
1634	1.055e+005	-2669	-2520	0
1635	1.056e+005	-5306	-2520	0
1636	1.056e+005	-4787	-2520	0
1637	1.068e+005	-3189	-2520	0
1638	1.068e+005	-2669	-2520	0
1639	1.068e+005	-5407	-2520	0
1640	1.069e+005	-4888	-2520	0
1641	1.08e+005	-3189	-2520	0
1642	1.08e+005	-2669	-2520	0
1643	1.081e+005	-5508	-2520	0
1644	1.081e+005	-4990	-2520	0
1645	1.093e+005	-3189	-2520	0
1646	1.093e+005	-2669	-2520	0
1647	1.094e+005	-5609	-2520	0
1648	1.094e+005	-5091	-2520	0
1649	1.106e+005	-3189	-2520	0
1650	1.106e+005	-2669	-2520	0
1651	1.106e+005	-5711	-2520	0
1652	1.107e+005	-5192	-2520	0
1653	1.118e+005	-3189	-2520	0
1654	1.118e+005	-2669	-2520	0
1655	1.119e+005	-5812	-2520	0
1656	1.119e+005	-5293	-2520	0
1657	1.131e+005	-3189	-2520	0
1658	1.131e+005	-2669	-2520	0
1659	1.131e+005	-5913	-2520	0
1660	1.132e+005	-5395	-2520	0
1661	1.143e+005	-3189	-2520	0
1662	1.144e+005	-2669	-2520	0
1663	1.144e+005	-6014	-2520	0
1664	1.144e+005	-5496	-2520	0
1665	1.156e+005	-3189	-2520	0
1666	1.156e+005	-2669	-2520	0
1667	1.157e+005	-6116	-2520	0
1668	1.157e+005	-5597	-2520	0
1669	1.169e+005	-3189	-2520	0
1670	1.169e+005	-2669	-2520	0
1671	1.169e+005	-6217	-2520	0
1672	1.17e+005	-5698	-2520	0
1673	1.181e+005	-3189	-2520	0
1674	1.181e+005	-2669	-2520	0

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1675	1.182e+005	-6318	-2520	0
1676	1.182e+005	-5800	-2520	0
1677	1.194e+005	-3189	-2520	0
1678	1.194e+005	-2669	-2520	0
1679	1.194e+005	-6419	-2520	0
1680	1.195e+005	-5901	-2520	0
1681	1.207e+005	-3189	-2520	0
1682	1.207e+005	-2669	-2520	0
1683	1.207e+005	-6521	-2520	0
1684	1.207e+005	-6002	-2520	0
1685	1.219e+005	-3189	-2520	0
1686	1.219e+005	-2669	-2520	0
1687	1.219e+005	-6622	-2520	0
1688	1.22e+005	-6103	-2520	0
1689	1.232e+005	-3189	-2520	0
1690	1.232e+005	-2669	-2520	0
1691	1.232e+005	-6723	-2520	0
1692	1.232e+005	-6205	-2520	0
1693	1.245e+005	-3189	-2520	0
1694	1.245e+005	-2669	-2520	0
1695	1.245e+005	-6824	-2520	0
1696	1.245e+005	-6306	-2520	0
1697	1.257e+005	-3189	-2520	0
1698	1.257e+005	-2669	-2520	0
1699	1.257e+005	-6926	-2520	0
1700	1.258e+005	-6407	-2520	0
1701	1.27e+005	-3189	-2520	0
1702	1.27e+005	-2669	-2520	0
1703	1.27e+005	-7027	-2520	0
1704	1.27e+005	-6508	-2520	0
1705	1.28e+005	-3189	-2520	0
1706	1.28e+005	-2669	-2520	0
1707	1.28e+005	-7108	-2520	0
1708	1.28e+005	-6590	-2520	0
1709	1.29e+005	-7189	-2520	0
1710	1.29e+005	-3189	-2520	0
1711	1.29e+005	-2669	-2520	0
1712	1.29e+005	-6671	-2520	0
1713	5.88e+004	2814	-2507	0
1714	5.88e+004	3517	-2507	0
1715	5.88e+004	4019	-2507	0
1716	5.88e+004	4521	-2507	0
1717	5.88e+004	5024	-2507	0
1718	5.88e+004	5526	-2507	0
1719	5.88e+004	6029	-2507	0
1720	5.88e+004	6531	-2507	0
1721	5.88e+004	7033	-2507	0
1722	5.88e+004	7736	-2507	0
1723	9.92e+004	2814	-2507	0
1724	9.92e+004	3517	-2507	0
1725	9.92e+004	4019	-2507	0
1726	9.92e+004	4521	-2507	0
1727	9.92e+004	5024	-2507	0
1728	9.92e+004	5526	-2507	0
1729	9.92e+004	6029	-2507	0
1730	9.92e+004	6531	-2507	0
1731	9.92e+004	7033	-2507	0
1732	9.92e+004	7736	-2507	0
1733	4.617e+004	2814	-2477	0
1734	4.617e+004	7736	-2477	0
1735	4.744e+004	2814	-2477	0
1736	4.744e+004	7736	-2477	0
1737	4.87e+004	2814	-2477	0
1738	4.87e+004	7736	-2477	0
1739	1.093e+005	2814	-2477	0
1740	1.093e+005	7736	-2477	0
1741	1.106e+005	2814	-2477	0
1742	1.106e+005	7736	-2477	0
1743	1.118e+005	2814	-2477	0

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	Company	Client
	Author	File Name
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1744	1.118e+005	7736	-2477	0
1745	3.608e+004	2814	-2466	0
1746	3.608e+004	7736	-2466	0
1747	3.734e+004	2814	-2466	0
1748	3.734e+004	7736	-2466	0
1749	3.86e+004	2814	-2466	0
1750	3.86e+004	7736	-2466	0
1751	1.194e+005	2814	-2466	0
1752	1.194e+005	7736	-2466	0
1753	1.207e+005	2814	-2466	0
1754	1.207e+005	7736	-2466	0
1755	1.219e+005	2814	-2466	0
1756	1.219e+005	7736	-2466	0
1757	6.006e+004	2814	-2463	0
1758	6.006e+004	3517	-2463	0
1759	6.006e+004	4019	-2463	0
1760	6.006e+004	4521	-2463	0
1761	6.006e+004	5024	-2463	0
1762	6.006e+004	5526	-2463	0
1763	6.006e+004	6029	-2463	0
1764	6.006e+004	6531	-2463	0
1765	6.006e+004	7033	-2463	0
1766	6.006e+004	7736	-2463	0
1767	9.794e+004	2814	-2463	0
1768	9.794e+004	3517	-2463	0
1769	9.794e+004	4019	-2463	0
1770	9.794e+004	4521	-2463	0
1771	9.794e+004	5024	-2463	0
1772	9.794e+004	5526	-2463	0
1773	9.794e+004	6029	-2463	0
1774	9.794e+004	6531	-2463	0
1775	9.794e+004	7033	-2463	0
1776	9.794e+004	7736	-2463	0
1777	3.986e+004	2814	-2420	0
1778	3.986e+004	7736	-2420	0
1779	6.133e+004	2814	-2420	0
1780	6.133e+004	3517	-2420	0
1781	6.133e+004	4019	-2420	0
1782	6.133e+004	4521	-2420	0
1783	6.133e+004	5024	-2420	0
1784	6.133e+004	5526	-2420	0
1785	6.133e+004	6029	-2420	0
1786	6.133e+004	6531	-2420	0
1787	6.133e+004	7033	-2420	0
1788	6.133e+004	7736	-2420	0
1789	9.668e+004	2814	-2420	0
1790	9.668e+004	3517	-2420	0
1791	9.668e+004	4019	-2420	0
1792	9.668e+004	4521	-2420	0
1793	9.668e+004	5024	-2420	0
1794	9.668e+004	5526	-2420	0
1795	9.668e+004	6029	-2420	0
1796	9.668e+004	6531	-2420	0
1797	9.668e+004	7033	-2420	0
1798	9.668e+004	7736	-2420	0
1799	1.181e+005	2814	-2420	0
1800	1.181e+005	7736	-2420	0
1801	6.259e+004	2814	-2398	0
1802	6.259e+004	3517	-2398	0
1803	6.259e+004	4019	-2398	0
1804	6.259e+004	4521	-2398	0
1805	6.259e+004	5024	-2398	0
1806	6.259e+004	5526	-2398	0
1807	6.259e+004	6029	-2398	0
1808	6.259e+004	6531	-2398	0
1809	6.259e+004	7033	-2398	0
1810	6.259e+004	7736	-2398	0
1811	9.541e+004	2814	-2398	0
1812	9.541e+004	3517	-2398	0

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	Company	Client
	Author	File Name
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1813	9.541e+004	4019	-2398	0
1814	9.541e+004	4521	-2398	0
1815	9.541e+004	5024	-2398	0
1816	9.541e+004	5526	-2398	0
1817	9.541e+004	6029	-2398	0
1818	9.541e+004	6531	-2398	0
1819	9.541e+004	7033	-2398	0
1820	9.541e+004	7736	-2398	0
1821	4.996e+004	2814	-2384	0
1822	4.996e+004	7736	-2384	0
1823	1.08e+005	2814	-2384	0
1824	1.08e+005	7736	-2384	0
1825	6.385e+004	2814	-2377	0
1826	6.385e+004	3517	-2377	0
1827	6.385e+004	4019	-2377	0
1828	6.385e+004	4521	-2377	0
1829	6.385e+004	5024	-2377	0
1830	6.385e+004	5526	-2377	0
1831	6.385e+004	6029	-2377	0
1832	6.385e+004	6531	-2377	0
1833	6.385e+004	7033	-2377	0
1834	6.385e+004	7736	-2377	0
1835	9.415e+004	2814	-2377	0
1836	9.415e+004	3517	-2377	0
1837	9.415e+004	4019	-2377	0
1838	9.415e+004	4521	-2377	0
1839	9.415e+004	5024	-2377	0
1840	9.415e+004	5526	-2377	0
1841	9.415e+004	6029	-2377	0
1842	9.415e+004	6531	-2377	0
1843	9.415e+004	7033	-2377	0
1844	9.415e+004	7736	-2377	0
1845	4.113e+004	2814	-2373	0
1846	4.113e+004	7736	-2373	0
1847	4.239e+004	2814	-2373	0
1848	4.239e+004	7736	-2373	0
1849	4.365e+004	2814	-2373	0
1850	4.365e+004	7736	-2373	0
1851	1.143e+005	2814	-2373	0
1852	1.143e+005	7736	-2373	0
1853	1.156e+005	2814	-2373	0
1854	1.156e+005	7736	-2373	0
1855	1.169e+005	2814	-2373	0
1856	1.169e+005	7736	-2373	0
1857	6.511e+004	2814	-2351	0
1858	6.511e+004	3517	-2351	0
1859	6.511e+004	4019	-2351	0
1860	6.511e+004	4521	-2351	0
1861	6.511e+004	5024	-2351	0
1862	6.511e+004	5526	-2351	0
1863	6.511e+004	6029	-2351	0
1864	6.511e+004	6531	-2351	0
1865	6.511e+004	7033	-2351	0
1866	6.511e+004	7736	-2351	0
1867	9.289e+004	2814	-2351	0
1868	9.289e+004	3517	-2351	0
1869	9.289e+004	4019	-2351	0
1870	9.289e+004	4521	-2351	0
1871	9.289e+004	5024	-2351	0
1872	9.289e+004	5526	-2351	0
1873	9.289e+004	6029	-2351	0
1874	9.289e+004	6531	-2351	0
1875	9.289e+004	7033	-2351	0
1876	9.289e+004	7736	-2351	0
1877	6.638e+004	2814	-2326	0
1878	6.638e+004	3517	-2326	0
1879	6.638e+004	4019	-2326	0
1880	6.638e+004	4521	-2326	0
1881	6.638e+004	5024	-2326	0

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	Company			Client
	Author			File Name
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1882	6.638e+004	5526	-2326	0
1883	6.638e+004	6029	-2326	0
1884	6.638e+004	6531	-2326	0
1885	6.638e+004	7033	-2326	0
1886	6.638e+004	7736	-2326	0
1887	9.163e+004	2814	-2326	0
1888	9.163e+004	3517	-2326	0
1889	9.163e+004	4019	-2326	0
1890	9.163e+004	4521	-2326	0
1891	9.163e+004	5024	-2326	0
1892	9.163e+004	5526	-2326	0
1893	9.163e+004	6029	-2326	0
1894	9.163e+004	6531	-2326	0
1895	9.163e+004	7033	-2326	0
1896	9.163e+004	7736	-2326	0
1897	6.764e+004	2814	-2305	0
1898	6.764e+004	3517	-2305	0
1899	6.764e+004	4019	-2305	0
1900	6.764e+004	4521	-2305	0
1901	6.764e+004	5024	-2305	0
1902	6.764e+004	5526	-2305	0
1903	6.764e+004	6029	-2305	0
1904	6.764e+004	6531	-2305	0
1905	6.764e+004	7033	-2305	0
1906	6.764e+004	7736	-2305	0
1907	9.036e+004	2814	-2305	0
1908	9.036e+004	3517	-2305	0
1909	9.036e+004	4019	-2305	0
1910	9.036e+004	4521	-2305	0
1911	9.036e+004	5024	-2305	0
1912	9.036e+004	5526	-2305	0
1913	9.036e+004	6029	-2305	0
1914	9.036e+004	6531	-2305	0
1915	9.036e+004	7033	-2305	0
1916	9.036e+004	7736	-2305	0
1917	5.123e+004	2814	-2292	0
1918	5.122e+004	7736	-2292	0
1919	5.249e+004	2814	-2292	0
1920	5.249e+004	7736	-2292	0
1921	5.375e+004	2814	-2292	0
1922	5.375e+004	7736	-2292	0
1923	1.043e+005	2814	-2292	0
1924	1.043e+005	7736	-2292	0
1925	1.055e+005	2814	-2292	0
1926	1.055e+005	7736	-2292	0
1927	1.068e+005	2814	-2292	0
1928	1.068e+005	7736	-2292	0
1929	6.89e+004	2814	-2284	0
1930	6.89e+004	3517	-2284	0
1931	6.89e+004	4019	-2284	0
1932	6.89e+004	4521	-2284	0
1933	6.89e+004	5024	-2284	0
1934	6.89e+004	5526	-2284	0
1935	6.89e+004	6029	-2284	0
1936	6.89e+004	6531	-2284	0
1937	6.89e+004	7033	-2284	0
1938	6.89e+004	7736	-2284	0
1939	8.91e+004	2814	-2284	0
1940	8.91e+004	3517	-2284	0
1941	8.91e+004	4019	-2284	0
1942	8.91e+004	4521	-2284	0
1943	8.91e+004	5024	-2284	0
1944	8.91e+004	5526	-2284	0
1945	8.91e+004	6029	-2284	0
1946	8.91e+004	6531	-2284	0
1947	8.91e+004	7033	-2284	0
1948	8.91e+004	7736	-2284	0
1949	7.016e+004	2814	-2268	0
1950	7.016e+004	3517	-2268	0

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1951	7.016e+004	4019	-2268	0
1952	7.016e+004	4521	-2268	0
1953	7.016e+004	5024	-2268	0
1954	7.016e+004	5526	-2268	0
1955	7.016e+004	6029	-2268	0
1956	7.016e+004	6531	-2268	0
1957	7.016e+004	7033	-2268	0
1958	7.016e+004	7736	-2268	0
1959	8.784e+004	2814	-2268	0
1960	8.784e+004	3517	-2268	0
1961	8.784e+004	4019	-2268	0
1962	8.784e+004	4521	-2268	0
1963	8.784e+004	5024	-2268	0
1964	8.784e+004	5526	-2268	0
1965	8.784e+004	6029	-2268	0
1966	8.784e+004	6531	-2268	0
1967	8.784e+004	7033	-2268	0
1968	8.784e+004	7736	-2268	0
1969	7.143e+004	2814	-2252	0
1970	7.143e+004	3517	-2252	0
1971	7.143e+004	4019	-2252	0
1972	7.143e+004	4521	-2252	0
1973	7.143e+004	5024	-2252	0
1974	7.143e+004	5526	-2252	0
1975	7.143e+004	6029	-2252	0
1976	7.143e+004	6531	-2252	0
1977	7.143e+004	7033	-2252	0
1978	7.143e+004	7736	-2252	0
1979	8.658e+004	2814	-2252	0
1980	8.658e+004	3517	-2252	0
1981	8.658e+004	4019	-2252	0
1982	8.658e+004	4521	-2252	0
1983	8.658e+004	5024	-2252	0
1984	8.658e+004	5526	-2252	0
1985	8.658e+004	6029	-2252	0
1986	8.658e+004	6531	-2252	0
1987	8.658e+004	7033	-2252	0
1988	8.658e+004	7736	-2252	0
1989	7.269e+004	2814	-2231	0
1990	7.269e+004	3517	-2231	0
1991	7.269e+004	4019	-2231	0
1992	7.269e+004	4521	-2231	0
1993	7.269e+004	5024	-2231	0
1994	7.269e+004	5526	-2231	0
1995	7.269e+004	6029	-2231	0
1996	7.269e+004	6531	-2231	0
1997	7.269e+004	7033	-2231	0
1998	7.269e+004	7736	-2231	0
1999	8.531e+004	2814	-2231	0
2000	8.531e+004	3517	-2231	0
2001	8.531e+004	4019	-2231	0
2002	8.531e+004	4521	-2231	0
2003	8.531e+004	5024	-2231	0
2004	8.531e+004	5526	-2231	0
2005	8.531e+004	6029	-2231	0
2006	8.531e+004	6531	-2231	0
2007	8.531e+004	7033	-2231	0
2008	8.531e+004	7736	-2231	0
2009	5.501e+004	2814	-2212	0
2010	5.501e+004	7736	-2212	0
2011	1.03e+005	2814	-2212	0
2012	1.03e+005	7736	-2212	0
2013	7.395e+004	2814	-2210	0
2014	7.395e+004	3517	-2210	0
2015	7.395e+004	4019	-2210	0
2016	7.395e+004	4521	-2210	0
2017	7.395e+004	5024	-2210	0
2018	7.395e+004	5526	-2210	0
2019	7.395e+004	6029	-2210	0

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	Company	Client
	Author	File Name
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2020	7.395e+004	6531	-2210	0
2021	7.395e+004	7033	-2210	0
2022	7.395e+004	7736	-2210	0
2023	7.521e+004	2814	-2210	0
2024	7.521e+004	3517	-2210	0
2025	7.521e+004	4019	-2210	0
2026	7.521e+004	4521	-2210	0
2027	7.521e+004	5024	-2210	0
2028	7.521e+004	5526	-2210	0
2029	7.521e+004	6029	-2210	0
2030	7.521e+004	6531	-2210	0
2031	7.521e+004	7033	-2210	0
2032	7.521e+004	7736	-2210	0
2033	7.647e+004	2814	-2210	0
2034	7.647e+004	3517	-2210	0
2035	7.647e+004	4019	-2210	0
2036	7.647e+004	4521	-2210	0
2037	7.647e+004	5024	-2210	0
2038	7.647e+004	5526	-2210	0
2039	7.647e+004	6029	-2210	0
2040	7.647e+004	6531	-2210	0
2041	7.647e+004	7033	-2210	0
2042	7.647e+004	7736	-2210	0
2043	7.774e+004	2814	-2210	0
2044	7.774e+004	3517	-2210	0
2045	7.774e+004	4019	-2210	0
2046	7.774e+004	4521	-2210	0
2047	7.774e+004	5024	-2210	0
2048	7.774e+004	5526	-2210	0
2049	7.774e+004	6029	-2210	0
2050	7.774e+004	6531	-2210	0
2051	7.774e+004	7033	-2210	0
2052	7.774e+004	7736	-2210	0
2053	7.9e+004	2814	-2210	0
2055	7.9e+004	3517	-2210	0
2056	7.9e+004	4019	-2210	0
2057	7.9e+004	4521	-2210	0
2058	7.9e+004	5024	-2210	0
2059	7.9e+004	5526	-2210	0
2060	7.9e+004	6029	-2210	0
2061	7.9e+004	6531	-2210	0
2062	7.9e+004	7033	-2210	0
2063	7.9e+004	7736	-2210	0
2065	8.026e+004	2814	-2210	0
2066	8.026e+004	3517	-2210	0
2067	8.026e+004	4019	-2210	0
2068	8.026e+004	4521	-2210	0
2069	8.026e+004	5024	-2210	0
2070	8.026e+004	5526	-2210	0
2071	8.026e+004	6029	-2210	0
2072	8.026e+004	6531	-2210	0
2073	8.026e+004	7033	-2210	0
2074	8.026e+004	7736	-2210	0
2075	8.153e+004	2814	-2210	0
2076	8.153e+004	3517	-2210	0
2077	8.153e+004	4019	-2210	0
2078	8.153e+004	4521	-2210	0
2079	8.153e+004	5024	-2210	0
2080	8.153e+004	5526	-2210	0
2081	8.153e+004	6029	-2210	0
2082	8.153e+004	6531	-2210	0
2083	8.153e+004	7033	-2210	0
2084	8.153e+004	7736	-2210	0
2085	8.279e+004	2814	-2210	0
2086	8.279e+004	3517	-2210	0
2087	8.279e+004	4019	-2210	0
2088	8.279e+004	4521	-2210	0
2089	8.279e+004	5024	-2210	0
2090	8.279e+004	5526	-2210	0

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	Company	Client
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2091	8.279e+004	6029	-2210	0
2092	8.279e+004	6531	-2210	0
2093	8.279e+004	7033	-2210	0
2094	8.279e+004	7736	-2210	0
2095	8.405e+004	2814	-2210	0
2096	8.405e+004	3517	-2210	0
2097	8.405e+004	4019	-2210	0
2098	8.405e+004	4521	-2210	0
2099	8.405e+004	5024	-2210	0
2100	8.405e+004	5526	-2210	0
2101	8.405e+004	6029	-2210	0
2102	8.405e+004	6531	-2210	0
2103	8.405e+004	7033	-2210	0
2104	8.405e+004	7736	-2210	0
2105	4.491e+004	2814	-2177	0
2106	4.491e+004	7736	-2177	0
2107	1.131e+005	2814	-2177	0
2108	1.131e+005	7736	-2177	0
2109	5.628e+004	2814	-2132	0
2110	5.628e+004	7736	-2132	0
2111	5.754e+004	2814	-2132	0
2112	5.754e+004	7736	-2132	0
2113	5.88e+004	2814	-2132	0
2114	5.88e+004	7736	-2132	0
2115	9.92e+004	2814	-2132	0
2116	9.92e+004	7736	-2132	0
2117	1.005e+005	2814	-2132	0
2118	1.005e+005	7736	-2132	0
2119	1.017e+005	2814	-2132	0
2120	1.017e+005	7736	-2132	0
2121	6.006e+004	2814	-2074	0
2122	6.006e+004	7736	-2074	0
2123	9.794e+004	2814	-2074	0
2124	9.794e+004	7736	-2074	0
2125	6.133e+004	2814	-2017	0
2126	6.133e+004	7736	-2017	0
2127	6.259e+004	2814	-2017	0
2128	6.259e+004	7736	-2017	0
2129	6.385e+004	2814	-2017	0
2130	6.385e+004	7736	-2017	0
2131	9.415e+004	2814	-2017	0
2132	9.415e+004	7736	-2017	0
2133	9.541e+004	2814	-2017	0
2134	9.541e+004	7736	-2017	0
2135	9.668e+004	2814	-2017	0
2136	9.668e+004	7736	-2017	0
2137	4.617e+004	2814	-1981	0
2138	4.617e+004	7736	-1981	0
2139	4.744e+004	2814	-1981	0
2140	4.744e+004	7736	-1981	0
2141	4.87e+004	2814	-1981	0
2142	4.87e+004	7736	-1981	0
2143	1.093e+005	2814	-1981	0
2144	1.093e+005	7736	-1981	0
2145	1.106e+005	2814	-1981	0
2146	1.106e+005	7736	-1981	0
2147	1.118e+005	2814	-1981	0
2148	1.118e+005	7736	-1981	0
2149	6.511e+004	2814	-1967	0
2150	6.511e+004	7736	-1967	0
2151	9.289e+004	2814	-1967	0
2152	9.289e+004	7736	-1967	0
2153	2.571e+004	2814	-1960	0
2154	2.571e+004	7736	-1960	0
2155	2.705e+004	2814	-1960	0
2156	2.705e+004	7736	-1960	0
2157	2.799e+004	2814	-1960	0
2158	2.799e+004	7736	-1960	0
2159	2.9e+004	2814	-1960	0

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2160	2.9e+004	7736	-1960	0
2161	3.001e+004	2814	-1960	0
2162	3.001e+004	7736	-1960	0
2163	3.095e+004	2814	-1960	0
2164	3.095e+004	7736	-1960	0
2165	3.229e+004	2814	-1960	0
2166	3.229e+004	7736	-1960	0
2167	3.355e+004	2814	-1960	0
2168	3.355e+004	7736	-1960	0
2169	3.481e+004	2814	-1960	0
2170	3.481e+004	7736	-1960	0
2171	3.608e+004	2814	-1960	0
2172	3.608e+004	7736	-1960	0
2173	3.734e+004	2814	-1960	0
2174	3.734e+004	7736	-1960	0
2175	3.86e+004	2814	-1960	0
2176	3.86e+004	7736	-1960	0
2177	3.986e+004	2814	-1960	0
2178	3.986e+004	7736	-1960	0
2179	4.113e+004	2814	-1960	0
2180	4.113e+004	7736	-1960	0
2181	4.239e+004	2814	-1960	0
2182	4.239e+004	7736	-1960	0
2183	4.365e+004	2814	-1960	0
2184	4.365e+004	7736	-1960	0
2185	1.143e+005	2814	-1960	0
2186	1.143e+005	7736	-1960	0
2187	1.156e+005	2814	-1960	0
2188	1.156e+005	7736	-1960	0
2189	1.169e+005	2814	-1960	0
2190	1.169e+005	7736	-1960	0
2191	1.181e+005	2814	-1960	0
2192	1.181e+005	7736	-1960	0
2193	1.194e+005	2814	-1960	0
2194	1.194e+005	7736	-1960	0
2195	1.207e+005	2814	-1960	0
2196	1.207e+005	7736	-1960	0
2197	1.219e+005	2814	-1960	0
2198	1.219e+005	7736	-1960	0
2199	1.232e+005	2814	-1960	0
2200	1.232e+005	7736	-1960	0
2201	1.245e+005	2814	-1960	0
2202	1.245e+005	7736	-1960	0
2203	1.257e+005	2814	-1960	0
2204	1.257e+005	7736	-1960	0
2205	1.271e+005	2814	-1960	0
2206	1.271e+005	7736	-1960	0
2207	1.28e+005	2814	-1960	0
2208	1.28e+005	7736	-1960	0
2209	1.29e+005	2814	-1960	0
2210	1.29e+005	7736	-1960	0
2211	1.3e+005	2814	-1960	0
2212	1.3e+005	7736	-1960	0
2213	1.31e+005	2814	-1960	0
2214	1.31e+005	7736	-1960	0
2215	1.323e+005	2814	-1960	0
2216	1.323e+005	7736	-1960	0
2217	6.638e+004	2814	-1917	0
2218	6.638e+004	7736	-1917	0
2219	6.764e+004	2814	-1917	0
2220	6.764e+004	7736	-1917	0
2221	6.89e+004	2814	-1917	0
2222	6.89e+004	7736	-1917	0
2223	8.91e+004	2814	-1917	0
2224	8.91e+004	7736	-1917	0
2225	9.036e+004	2814	-1917	0
2226	9.036e+004	7736	-1917	0
2227	9.163e+004	2814	-1917	0
2228	9.163e+004	7736	-1917	0

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	Company	Client
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2229	4.996e+004	2814	-1907	0
2230	4.996e+004	7736	-1907	0
2231	1.08e+005	2814	-1907	0
2232	1.08e+005	7736	-1907	0
2233	7.016e+004	2814	-1879	0
2234	7.016e+004	7736	-1879	0
2235	8.784e+004	2814	-1879	0
2236	8.784e+004	7736	-1879	0
2237	7.143e+004	2814	-1842	0
2238	7.143e+004	7736	-1842	0
2239	7.269e+004	2814	-1842	0
2240	7.269e+004	7736	-1842	0
2241	7.395e+004	2814	-1842	0
2242	7.395e+004	7736	-1842	0
2243	7.521e+004	2814	-1842	0
2244	7.521e+004	7736	-1842	0
2245	7.647e+004	2814	-1842	0
2246	7.647e+004	7736	-1842	0
2247	7.774e+004	2814	-1842	0
2248	7.774e+004	7736	-1842	0
2249	7.9e+004	2814	-1842	0
2250	7.9e+004	7736	-1842	0
2251	8.026e+004	2814	-1842	0
2252	8.026e+004	7736	-1842	0
2253	8.153e+004	2814	-1842	0
2254	8.153e+004	7736	-1842	0
2255	8.279e+004	2814	-1842	0
2256	8.279e+004	7736	-1842	0
2257	8.405e+004	2814	-1842	0
2258	8.405e+004	7736	-1842	0
2259	8.531e+004	2814	-1842	0
2260	8.531e+004	7736	-1842	0
2261	8.658e+004	2814	-1842	0
2262	8.658e+004	7736	-1842	0
2263	5.123e+004	2814	-1833	0
2264	5.122e+004	7736	-1833	0
2265	5.249e+004	2814	-1833	0
2266	5.249e+004	7736	-1833	0
2267	5.375e+004	2814	-1833	0
2268	5.375e+004	7736	-1833	0
2269	1.043e+005	2814	-1833	0
2270	1.043e+005	7736	-1833	0
2271	1.055e+005	2814	-1833	0
2272	1.055e+005	7736	-1833	0
2273	1.068e+005	2814	-1833	0
2274	1.068e+005	7736	-1833	0
2275	5.501e+004	2814	-1769	0
2276	5.501e+004	7736	-1769	0
2277	1.03e+005	2814	-1769	0
2278	1.03e+005	7736	-1769	0
2279	2.9e+004	-2669	-1640	0
2280	3.355e+004	-2669	-1640	0
2281	3.86e+004	-2669	-1640	0
2282	4.365e+004	-2669	-1640	0
2283	4.87e+004	-2669	-1640	0
2284	5.375e+004	-2669	-1640	0
2285	5.88e+004	-2669	-1640	0
2286	6.385e+004	-2669	-1640	0
2287	6.89e+004	-2669	-1640	0
2288	7.395e+004	-2669	-1640	0
2289	7.9e+004	-2669	-1640	0
2290	8.405e+004	-3189	-1640	0
2291	8.405e+004	-2669	-1640	0
2292	8.91e+004	-3510	-1640	0
2293	8.91e+004	-2669	-1640	0
2294	9.415e+004	-2669	-1640	0
2295	9.43e+004	-3876	-1640	0
2296	9.92e+004	-2669	-1640	0
2297	9.934e+004	-4281	-1640	0

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	Company	Client
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2298	1.043e+005	-2669	-1640	0
2299	1.044e+005	-4686	-1640	0
2300	1.093e+005	-2669	-1640	0
2301	1.094e+005	-5091	-1640	0
2302	1.144e+005	-2669	-1640	0
2303	1.144e+005	-5496	-1640	0
2304	1.194e+005	-2669	-1640	0
2305	1.195e+005	-5901	-1640	0
2306	1.245e+005	-2669	-1640	0
2307	1.245e+005	-6306	-1640	0
2308	1.29e+005	-2669	-1640	0
2309	1.29e+005	-6671	-1640	0
2310	4.491e+004	2814	-1723	0
2311	4.491e+004	7736	-1723	0
2312	1.131e+005	2814	-1723	0
2313	1.131e+005	7736	-1723	0
2314	5.628e+004	2814	-1705	0
2315	5.628e+004	7736	-1705	0
2316	5.754e+004	2814	-1705	0
2317	5.754e+004	7736	-1705	0
2318	5.88e+004	2814	-1705	0
2319	5.88e+004	7736	-1705	0
2320	9.92e+004	2814	-1705	0
2321	9.92e+004	7736	-1705	0
2322	1.005e+005	2814	-1705	0
2323	1.005e+005	7736	-1705	0
2324	1.017e+005	2814	-1705	0
2325	1.017e+005	7736	-1705	0
2326	6.006e+004	2814	-1659	0
2327	6.006e+004	7736	-1659	0
2328	9.794e+004	2814	-1659	0
2329	9.794e+004	7736	-1659	0
2330	2.9e+004	-3189	-1640	0
2332	3.001e+004	-3189	-1640	0
2333	3.001e+004	-2669	-1640	0
2334	3.102e+004	-3189	-1640	0
2335	3.102e+004	-2669	-1640	0
2336	3.229e+004	-3189	-1640	0
2337	3.229e+004	-2669	-1640	0
2338	3.355e+004	-3189	-1640	0
2340	3.481e+004	-3189	-1640	0
2341	3.481e+004	-2669	-1640	0
2342	3.608e+004	-3189	-1640	0
2343	3.608e+004	-2669	-1640	0
2344	3.734e+004	-3189	-1640	0
2345	3.734e+004	-2669	-1640	0
2346	3.86e+004	-3189	-1640	0
2348	3.986e+004	-3189	-1640	0
2349	3.986e+004	-2669	-1640	0
2350	4.113e+004	-3189	-1640	0
2351	4.113e+004	-2669	-1640	0
2352	4.239e+004	-3189	-1640	0
2353	4.239e+004	-2669	-1640	0
2354	4.365e+004	-3189	-1640	0
2356	4.491e+004	-3189	-1640	0
2357	4.491e+004	-2669	-1640	0
2358	4.617e+004	-3189	-1640	0
2359	4.617e+004	-2669	-1640	0
2360	4.744e+004	-3189	-1640	0
2361	4.744e+004	-2669	-1640	0
2362	4.87e+004	-3189	-1640	0
2364	4.996e+004	-3189	-1640	0
2365	4.996e+004	-2669	-1640	0
2366	5.123e+004	-3189	-1640	0
2367	5.123e+004	-2669	-1640	0
2368	5.249e+004	-3189	-1640	0
2369	5.249e+004	-2669	-1640	0
2370	5.375e+004	-3189	-1640	0
2372	5.501e+004	-3189	-1640	0

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2373	5.501e+004	-2669	-1640	0
2374	5.628e+004	-3189	-1640	0
2375	5.628e+004	-2669	-1640	0
2376	5.754e+004	-3189	-1640	0
2377	5.754e+004	-2669	-1640	0
2378	5.88e+004	-3189	-1640	0
2380	6.006e+004	-3189	-1640	0
2381	6.006e+004	-2669	-1640	0
2382	6.133e+004	-3189	-1640	0
2383	6.133e+004	-2669	-1640	0
2384	6.259e+004	-3189	-1640	0
2385	6.259e+004	-2669	-1640	0
2386	6.385e+004	-3189	-1640	0
2388	6.511e+004	-3189	-1640	0
2389	6.511e+004	-2669	-1640	0
2390	6.638e+004	-3189	-1640	0
2391	6.638e+004	-2669	-1640	0
2392	6.764e+004	-3189	-1640	0
2393	6.764e+004	-2669	-1640	0
2394	6.89e+004	-3189	-1640	0
2396	7.016e+004	-3189	-1640	0
2397	7.016e+004	-2669	-1640	0
2398	7.143e+004	-3189	-1640	0
2399	7.143e+004	-2669	-1640	0
2400	7.269e+004	-3189	-1640	0
2401	7.269e+004	-2669	-1640	0
2402	7.395e+004	-3189	-1640	0
2404	7.521e+004	-3189	-1640	0
2405	7.521e+004	-2669	-1640	0
2406	7.647e+004	-3189	-1640	0
2407	7.647e+004	-2669	-1640	0
2408	7.774e+004	-3189	-1640	0
2409	7.774e+004	-2669	-1640	0
2410	7.9e+004	-3189	-1640	0
2412	8.026e+004	-3189	-1640	0
2413	8.026e+004	-2669	-1640	0
2416	8.153e+004	-3189	-1640	0
2417	8.153e+004	-2669	-1640	0
2419	8.172e+004	-2863	-1640	0
2420	8.279e+004	-3189	-1640	0
2421	8.279e+004	-2669	-1640	0
2423	8.298e+004	-2965	-1640	0
2426	8.419e+004	-3584	-1640	0
2427	8.531e+004	-3189	-1640	0
2428	8.531e+004	-2669	-1640	0
2429	8.545e+004	-3686	-1640	0
2430	8.658e+004	-3189	-1640	0
2431	8.658e+004	-2669	-1640	0
2432	8.671e+004	-3787	-1640	0
2433	8.675e+004	-3268	-1640	0
2434	8.784e+004	-3189	-1640	0
2435	8.784e+004	-2669	-1640	0
2436	8.797e+004	-3888	-1640	0
2437	8.801e+004	-3370	-1640	0
2439	8.91e+004	-3189	-1640	0
2441	8.923e+004	-3989	-1640	0
2442	9.036e+004	-3189	-1640	0
2443	9.036e+004	-2669	-1640	0
2444	9.049e+004	-4091	-1640	0
2445	9.053e+004	-3572	-1640	0
2446	9.163e+004	-3189	-1640	0
2447	9.163e+004	-2669	-1640	0
2448	9.175e+004	-4192	-1640	0
2449	9.179e+004	-3673	-1640	0
2450	9.289e+004	-3189	-1640	0
2451	9.289e+004	-2669	-1640	0
2452	9.3e+004	-4293	-1640	0
2453	9.305e+004	-3775	-1640	0
2454	9.415e+004	-3189	-1640	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

2456	9.426e+004	-4394	-1640	0
2458	9.541e+004	-3189	-1640	0
2459	9.541e+004	-2669	-1640	0
2460	9.552e+004	-4496	-1640	0
2461	9.556e+004	-3977	-1640	0
2462	9.668e+004	-3189	-1640	0
2463	9.668e+004	-2669	-1640	0
2464	9.678e+004	-4597	-1640	0
2465	9.682e+004	-4078	-1640	0
2466	9.794e+004	-3189	-1640	0
2467	9.794e+004	-2669	-1640	0
2468	9.804e+004	-4698	-1640	0
2469	9.808e+004	-4180	-1640	0
2470	9.92e+004	-3189	-1640	0
2472	9.93e+004	-4799	-1640	0
2474	1.005e+005	-3189	-1640	0
2475	1.005e+005	-2669	-1640	0
2476	1.006e+005	-4901	-1640	0
2477	1.006e+005	-4382	-1640	0
2478	1.017e+005	-3189	-1640	0
2479	1.017e+005	-2669	-1640	0
2480	1.018e+005	-5002	-1640	0
2481	1.019e+005	-4483	-1640	0
2482	1.03e+005	-3189	-1640	0
2483	1.03e+005	-2669	-1640	0
2484	1.031e+005	-5103	-1640	0
2485	1.031e+005	-4585	-1640	0
2486	1.043e+005	-3189	-1640	0
2488	1.043e+005	-5204	-1640	0
2490	1.055e+005	-3189	-1640	0
2491	1.055e+005	-2669	-1640	0
2492	1.056e+005	-5306	-1640	0
2493	1.056e+005	-4787	-1640	0
2494	1.068e+005	-3189	-1640	0
2495	1.068e+005	-2669	-1640	0
2496	1.068e+005	-5407	-1640	0
2497	1.069e+005	-4888	-1640	0
2498	1.08e+005	-3189	-1640	0
2499	1.08e+005	-2669	-1640	0
2500	1.081e+005	-5508	-1640	0
2501	1.081e+005	-4990	-1640	0
2502	1.093e+005	-3189	-1640	0
2504	1.094e+005	-5609	-1640	0
2506	1.106e+005	-3189	-1640	0
2507	1.106e+005	-2669	-1640	0
2508	1.106e+005	-5711	-1640	0
2509	1.107e+005	-5192	-1640	0
2510	1.118e+005	-3189	-1640	0
2511	1.118e+005	-2669	-1640	0
2512	1.119e+005	-5812	-1640	0
2513	1.119e+005	-5293	-1640	0
2514	1.131e+005	-3189	-1640	0
2515	1.131e+005	-2669	-1640	0
2516	1.131e+005	-5913	-1640	0
2517	1.132e+005	-5395	-1640	0
2518	1.143e+005	-3189	-1640	0
2520	1.144e+005	-6014	-1640	0
2522	1.156e+005	-3189	-1640	0
2523	1.156e+005	-2669	-1640	0
2524	1.157e+005	-6116	-1640	0
2525	1.157e+005	-5597	-1640	0
2526	1.169e+005	-3189	-1640	0
2527	1.169e+005	-2669	-1640	0
2528	1.169e+005	-6217	-1640	0
2529	1.17e+005	-5698	-1640	0
2530	1.181e+005	-3189	-1640	0
2531	1.181e+005	-2669	-1640	0
2532	1.182e+005	-6318	-1640	0
2533	1.182e+005	-5800	-1640	0

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	Company			Client
	Author			File Name
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2534	1.194e+005	-3189	-1640	0
2536	1.194e+005	-6419	-1640	0
2538	1.207e+005	-3189	-1640	0
2539	1.207e+005	-2669	-1640	0
2540	1.207e+005	-6521	-1640	0
2541	1.207e+005	-6002	-1640	0
2542	1.219e+005	-3189	-1640	0
2543	1.219e+005	-2669	-1640	0
2544	1.219e+005	-6622	-1640	0
2545	1.22e+005	-6103	-1640	0
2546	1.232e+005	-3189	-1640	0
2547	1.232e+005	-2669	-1640	0
2548	1.232e+005	-6723	-1640	0
2549	1.232e+005	-6205	-1640	0
2550	1.245e+005	-3189	-1640	0
2552	1.245e+005	-6824	-1640	0
2554	1.257e+005	-3189	-1640	0
2555	1.257e+005	-2669	-1640	0
2556	1.257e+005	-6926	-1640	0
2557	1.258e+005	-6407	-1640	0
2558	1.27e+005	-3189	-1640	0
2559	1.27e+005	-2669	-1640	0
2560	1.27e+005	-7027	-1640	0
2561	1.27e+005	-6508	-1640	0
2562	1.28e+005	-3189	-1640	0
2563	1.28e+005	-2669	-1640	0
2564	1.28e+005	-7108	-1640	0
2565	1.28e+005	-6590	-1640	0
2566	1.29e+005	-7189	-1640	0
2567	1.29e+005	-3189	-1640	0
2570	6.133e+004	2814	-1613	0
2571	6.133e+004	7736	-1613	0
2572	6.259e+004	2814	-1613	0
2573	6.259e+004	7736	-1613	0
2574	6.385e+004	2814	-1613	0
2575	6.385e+004	7736	-1613	0
2576	9.415e+004	2814	-1613	0
2577	9.415e+004	7736	-1613	0
2578	9.541e+004	2814	-1613	0
2579	9.541e+004	7736	-1613	0
2580	9.668e+004	2814	-1613	0
2581	9.668e+004	7736	-1613	0
2582	6.511e+004	2814	-1573	0
2583	6.511e+004	7736	-1573	0
2584	9.289e+004	2814	-1573	0
2585	9.289e+004	7736	-1573	0
2586	6.638e+004	2814	-1533	0
2587	6.638e+004	7736	-1533	0
2588	6.764e+004	2814	-1533	0
2589	6.764e+004	7736	-1533	0
2590	6.89e+004	2814	-1533	0
2591	6.89e+004	7736	-1533	0
2592	8.91e+004	2814	-1533	0
2593	8.91e+004	7736	-1533	0
2594	9.036e+004	2814	-1533	0
2595	9.036e+004	7736	-1533	0
2596	9.163e+004	2814	-1533	0
2597	9.163e+004	7736	-1533	0
2598	7.016e+004	2814	-1503	0
2599	7.016e+004	7736	-1503	0
2600	8.784e+004	2814	-1503	0
2601	8.784e+004	7736	-1503	0
2602	4.617e+004	2814	-1486	0
2603	4.617e+004	7736	-1486	0
2604	4.744e+004	2814	-1486	0
2605	4.744e+004	7736	-1486	0
2606	4.87e+004	2814	-1486	0
2607	4.87e+004	7736	-1486	0
2608	1.093e+005	2814	-1486	0

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	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

2609	1.093e+005	7736	-1486	0
2610	1.106e+005	2814	-1486	0
2611	1.106e+005	7736	-1486	0
2612	1.118e+005	2814	-1486	0
2613	1.118e+005	7736	-1486	0
2614	7.143e+004	2814	-1473	0
2615	7.143e+004	7736	-1473	0
2616	7.269e+004	2814	-1473	0
2617	7.269e+004	7736	-1473	0
2618	7.395e+004	2814	-1473	0
2619	7.395e+004	7736	-1473	0
2620	7.521e+004	2814	-1473	0
2621	7.521e+004	7736	-1473	0
2622	7.647e+004	2814	-1473	0
2623	7.647e+004	7736	-1473	0
2624	7.774e+004	2814	-1473	0
2625	7.774e+004	7736	-1473	0
2626	7.9e+004	2814	-1473	0
2627	7.9e+004	7736	-1473	0
2628	8.026e+004	2814	-1473	0
2629	8.026e+004	7736	-1473	0
2630	8.153e+004	2814	-1473	0
2631	8.153e+004	7736	-1473	0
2632	8.279e+004	2814	-1473	0
2633	8.279e+004	7736	-1473	0
2634	8.405e+004	2814	-1473	0
2635	8.405e+004	7736	-1473	0
2636	8.531e+004	2814	-1473	0
2637	8.531e+004	7736	-1473	0
2638	8.658e+004	2814	-1473	0
2639	8.658e+004	7736	-1473	0
2640	4.996e+004	2814	-1430	0
2641	4.996e+004	7736	-1430	0
2642	1.08e+005	2814	-1430	0
2643	1.08e+005	7736	-1430	0
2644	5.123e+004	2814	-1375	0
2645	5.122e+004	7736	-1375	0
2646	5.249e+004	2814	-1375	0
2647	5.249e+004	7736	-1375	0
2648	5.375e+004	2814	-1375	0
2649	5.375e+004	7736	-1375	0
2650	1.043e+005	2814	-1375	0
2651	1.043e+005	7736	-1375	0
2652	1.055e+005	2814	-1375	0
2653	1.055e+005	7736	-1375	0
2654	1.068e+005	2814	-1375	0
2655	1.068e+005	7736	-1375	0
2656	5.501e+004	2814	-1327	0
2657	5.501e+004	7736	-1327	0
2658	1.03e+005	2814	-1327	0
2659	1.03e+005	7736	-1327	0
2660	2.571e+004	2814	-1307	0
2661	2.571e+004	7736	-1307	0
2662	2.705e+004	2814	-1307	0
2663	2.705e+004	7736	-1307	0
2664	2.799e+004	2814	-1307	0
2665	2.799e+004	7736	-1307	0
2666	2.9e+004	2814	-1307	0
2667	2.9e+004	7736	-1307	0
2668	3.001e+004	2814	-1307	0
2669	3.001e+004	7736	-1307	0
2670	3.095e+004	2814	-1307	0
2671	3.095e+004	7736	-1307	0
2672	3.229e+004	2814	-1307	0
2673	3.229e+004	7736	-1307	0
2674	3.355e+004	2814	-1307	0
2675	3.355e+004	7736	-1307	0
2676	3.481e+004	2814	-1307	0
2677	3.481e+004	7736	-1307	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

2678	3.608e+004	2814	-1307	0
2679	3.608e+004	7736	-1307	0
2680	3.734e+004	2814	-1307	0
2681	3.734e+004	7736	-1307	0
2682	3.86e+004	2814	-1307	0
2683	3.86e+004	7736	-1307	0
2684	3.986e+004	2814	-1307	0
2685	3.986e+004	7736	-1307	0
2686	4.113e+004	2814	-1307	0
2687	4.113e+004	7736	-1307	0
2688	4.239e+004	2814	-1307	0
2689	4.239e+004	7736	-1307	0
2690	4.365e+004	2814	-1307	0
2691	4.365e+004	7736	-1307	0
2692	1.143e+005	2814	-1307	0
2693	1.143e+005	7736	-1307	0
2694	1.156e+005	2814	-1307	0
2695	1.156e+005	7736	-1307	0
2696	1.169e+005	2814	-1307	0
2697	1.169e+005	7736	-1307	0
2698	1.181e+005	2814	-1307	0
2699	1.181e+005	7736	-1307	0
2700	1.194e+005	2814	-1307	0
2701	1.194e+005	7736	-1307	0
2702	1.207e+005	2814	-1307	0
2703	1.207e+005	7736	-1307	0
2704	1.219e+005	2814	-1307	0
2705	1.219e+005	7736	-1307	0
2706	1.232e+005	2814	-1307	0
2707	1.232e+005	7736	-1307	0
2708	1.245e+005	2814	-1307	0
2709	1.245e+005	7736	-1307	0
2710	1.257e+005	2814	-1307	0
2711	1.257e+005	7736	-1307	0
2712	1.271e+005	2814	-1307	0
2713	1.271e+005	7736	-1307	0
2714	1.28e+005	2814	-1307	0
2715	1.28e+005	7736	-1307	0
2716	1.29e+005	2814	-1307	0
2717	1.29e+005	7736	-1307	0
2718	1.3e+005	2814	-1307	0
2719	1.3e+005	7736	-1307	0
2720	1.31e+005	2814	-1307	0
2721	1.31e+005	7736	-1307	0
2722	1.323e+005	2814	-1307	0
2723	1.323e+005	7736	-1307	0
2724	5.628e+004	2814	-1279	0
2725	5.628e+004	7736	-1279	0
2726	5.754e+004	2814	-1279	0
2727	5.754e+004	7736	-1279	0
2728	5.88e+004	2814	-1279	0
2729	5.88e+004	7736	-1279	0
2730	9.92e+004	2814	-1279	0
2731	9.92e+004	7736	-1279	0
2732	1.005e+005	2814	-1279	0
2733	1.005e+005	7736	-1279	0
2734	1.017e+005	2814	-1279	0
2735	1.017e+005	7736	-1279	0
2736	6.006e+004	2814	-1245	0
2737	6.006e+004	7736	-1245	0
2738	9.794e+004	2814	-1245	0
2739	9.794e+004	7736	-1245	0
2740	6.133e+004	2814	-1210	0
2741	6.133e+004	7736	-1210	0
2742	6.259e+004	2814	-1210	0
2743	6.259e+004	7736	-1210	0
2744	6.385e+004	2814	-1210	0
2745	6.385e+004	7736	-1210	0
2746	9.415e+004	2814	-1210	0

PROJECT TITLE :

	Company	Client
	Author	File Name
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2747	9.415e+004	7736	-1210	0
2748	9.541e+004	2814	-1210	0
2749	9.541e+004	7736	-1210	0
2750	9.668e+004	2814	-1210	0
2751	9.668e+004	7736	-1210	0
2752	6.511e+004	2814	-1180	0
2753	6.511e+004	7736	-1180	0
2754	9.289e+004	2814	-1180	0
2755	9.289e+004	7736	-1180	0
2756	6.638e+004	2814	-1150	0
2757	6.638e+004	7736	-1150	0
2758	6.764e+004	2814	-1150	0
2759	6.764e+004	7736	-1150	0
2760	6.89e+004	2814	-1150	0
2761	6.89e+004	7736	-1150	0
2762	8.91e+004	2814	-1150	0
2763	8.91e+004	7736	-1150	0
2764	9.036e+004	2814	-1150	0
2765	9.036e+004	7736	-1150	0
2766	9.163e+004	2814	-1150	0
2767	9.163e+004	7736	-1150	0
2768	4.491e+004	2814	-1149	0
2769	4.491e+004	7736	-1149	0
2770	1.131e+005	2814	-1149	0
2771	1.131e+005	7736	-1149	0
2772	7.016e+004	2814	-1128	0
2773	7.016e+004	7736	-1128	0
2774	8.784e+004	2814	-1128	0
2775	8.784e+004	7736	-1128	0
2776	7.143e+004	2814	-1105	0
2777	7.143e+004	7736	-1105	0
2778	7.269e+004	2814	-1105	0
2779	7.269e+004	7736	-1105	0
2780	7.395e+004	2814	-1105	0
2781	7.395e+004	7736	-1105	0
2782	7.521e+004	2814	-1105	0
2783	7.521e+004	7736	-1105	0
2784	7.647e+004	2814	-1105	0
2785	7.647e+004	7736	-1105	0
2786	7.774e+004	2814	-1105	0
2787	7.774e+004	7736	-1105	0
2788	7.9e+004	2814	-1105	0
2789	7.9e+004	7736	-1105	0
2790	8.026e+004	2814	-1105	0
2791	8.026e+004	7736	-1105	0
2792	8.153e+004	2814	-1105	0
2793	8.153e+004	7736	-1105	0
2794	8.279e+004	2814	-1105	0
2795	8.279e+004	7736	-1105	0
2796	8.405e+004	2814	-1105	0
2797	8.405e+004	7736	-1105	0
2798	8.531e+004	2814	-1105	0
2799	8.531e+004	7736	-1105	0
2800	8.658e+004	2814	-1105	0
2801	8.658e+004	7736	-1105	0
2802	4.617e+004	2814	-990.7	0
2803	4.617e+004	7736	-990.7	0
2804	4.744e+004	2814	-990.7	0
2805	4.744e+004	7736	-990.7	0
2806	4.87e+004	2814	-990.7	0
2807	4.87e+004	7736	-990.7	0
2808	1.093e+005	2814	-990.7	0
2809	1.093e+005	7736	-990.7	0
2810	1.106e+005	2814	-990.7	0
2811	1.106e+005	7736	-990.7	0
2812	1.118e+005	2814	-990.7	0
2813	1.118e+005	7736	-990.7	0
2814	4.996e+004	2814	-953.7	0
2815	4.996e+004	7736	-953.7	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl


2816	1.08e+005	2814	-953.7	0
2817	1.08e+005	7736	-953.7	0
2818	5.123e+004	2814	-916.7	0
2819	5.122e+004	7736	-916.7	0
2820	5.249e+004	2814	-916.7	0
2821	5.249e+004	7736	-916.7	0
2822	5.375e+004	2814	-916.7	0
2823	5.375e+004	7736	-916.7	0
2824	1.043e+005	2814	-916.7	0
2825	1.043e+005	7736	-916.7	0
2826	1.055e+005	2814	-916.7	0
2827	1.055e+005	7736	-916.7	0
2828	1.068e+005	2814	-916.7	0
2829	1.068e+005	7736	-916.7	0
2830	2.9e+004	-2669	-760	0
2831	3.355e+004	-2669	-760	0
2832	3.86e+004	-2669	-760	0
2833	4.365e+004	-2669	-760	0
2834	4.87e+004	-2669	-760	0
2835	5.375e+004	-2669	-760	0
2836	5.501e+004	2814	-884.7	0
2837	5.501e+004	7736	-884.7	0
2838	5.88e+004	-2669	-760	0
2839	6.385e+004	-2669	-760	0
2840	6.89e+004	-2669	-760	0
2841	7.395e+004	-2669	-760	0
2842	7.9e+004	-2669	-760	0
2843	8.405e+004	-3189	-760	0
2844	8.405e+004	-2669	-760	0
2845	8.91e+004	-3510	-760	0
2846	8.91e+004	-2669	-760	0
2847	9.415e+004	-2669	-760	0
2848	9.43e+004	-3876	-760	0
2849	9.92e+004	-2669	-760	0
2850	9.934e+004	-4281	-760	0
2851	1.03e+005	2814	-884.7	0
2852	1.03e+005	7736	-884.7	0
2853	1.043e+005	-2669	-760	0
2854	1.044e+005	-4686	-760	0
2855	1.093e+005	-2669	-760	0
2856	1.094e+005	-5091	-760	0
2857	1.144e+005	-2669	-760	0
2858	1.144e+005	-5496	-760	0
2859	1.194e+005	-2669	-760	0
2860	1.195e+005	-5901	-760	0
2861	1.245e+005	-2669	-760	0
2862	1.245e+005	-6306	-760	0
2863	1.29e+005	-2669	-760	0
2864	1.29e+005	-6671	-760	0
2865	5.628e+004	2814	-852.7	0
2866	5.628e+004	7736	-852.7	0
2867	5.754e+004	2814	-852.7	0
2868	5.754e+004	7736	-852.7	0
2869	5.88e+004	2814	-852.7	0
2870	5.88e+004	7736	-852.7	0
2871	9.92e+004	2814	-852.7	0
2872	9.92e+004	7736	-852.7	0
2873	1.005e+005	2814	-852.7	0
2874	1.005e+005	7736	-852.7	0
2875	1.017e+005	2814	-852.7	0
2876	1.017e+005	7736	-852.7	0
2877	6.006e+004	2814	-829.7	0
2878	6.006e+004	7736	-829.7	0
2879	9.794e+004	2814	-829.7	0
2880	9.794e+004	7736	-829.7	0
2881	6.133e+004	2814	-806.7	0
2882	6.133e+004	7736	-806.7	0
2883	6.259e+004	2814	-806.7	0
2884	6.259e+004	7736	-806.7	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

2885	6.385e+004	2814	-806.7	0
2886	6.385e+004	7736	-806.7	0
2887	9.415e+004	2814	-806.7	0
2888	9.415e+004	7736	-806.7	0
2889	9.541e+004	2814	-806.7	0
2890	9.541e+004	7736	-806.7	0
2891	9.668e+004	2814	-806.7	0
2892	9.668e+004	7736	-806.7	0
2893	6.511e+004	2814	-786.7	0
2894	6.511e+004	7736	-786.7	0
2895	9.289e+004	2814	-786.7	0
2896	9.289e+004	7736	-786.7	0
2897	6.638e+004	2814	-766.7	0
2898	6.638e+004	7736	-766.7	0
2899	6.764e+004	2814	-766.7	0
2900	6.764e+004	7736	-766.7	0
2901	6.89e+004	2814	-766.7	0
2902	6.89e+004	7736	-766.7	0
2903	8.91e+004	2814	-766.7	0
2904	8.91e+004	7736	-766.7	0
2905	9.036e+004	2814	-766.7	0
2906	9.036e+004	7736	-766.7	0
2907	9.163e+004	2814	-766.7	0
2908	9.163e+004	7736	-766.7	0
2909	2.9e+004	-3189	-760	0
2911	3.001e+004	-3189	-760	0
2912	3.001e+004	-2669	-760	0
2913	3.102e+004	-3189	-760	0
2914	3.102e+004	-2669	-760	0
2915	3.229e+004	-3189	-760	0
2916	3.229e+004	-2669	-760	0
2917	3.355e+004	-3189	-760	0
2919	3.481e+004	-3189	-760	0
2920	3.481e+004	-2669	-760	0
2921	3.608e+004	-3189	-760	0
2922	3.608e+004	-2669	-760	0
2923	3.734e+004	-3189	-760	0
2924	3.734e+004	-2669	-760	0
2925	3.86e+004	-3189	-760	0
2927	3.986e+004	-3189	-760	0
2928	3.986e+004	-2669	-760	0
2929	4.113e+004	-3189	-760	0
2930	4.113e+004	-2669	-760	0
2931	4.239e+004	-3189	-760	0
2932	4.239e+004	-2669	-760	0
2933	4.365e+004	-3189	-760	0
2935	4.491e+004	-3189	-760	0
2936	4.491e+004	-2669	-760	0
2937	4.617e+004	-3189	-760	0
2938	4.617e+004	-2669	-760	0
2939	4.744e+004	-3189	-760	0
2940	4.744e+004	-2669	-760	0
2941	4.87e+004	-3189	-760	0
2943	4.996e+004	-3189	-760	0
2944	4.996e+004	-2669	-760	0
2945	5.123e+004	-3189	-760	0
2946	5.123e+004	-2669	-760	0
2947	5.249e+004	-3189	-760	0
2948	5.249e+004	-2669	-760	0
2949	5.375e+004	-3189	-760	0
2951	5.501e+004	-3189	-760	0
2952	5.501e+004	-2669	-760	0
2953	5.628e+004	-3189	-760	0
2954	5.628e+004	-2669	-760	0
2955	5.754e+004	-3189	-760	0
2956	5.754e+004	-2669	-760	0
2957	5.88e+004	-3189	-760	0
2959	6.006e+004	-3189	-760	0
2960	6.006e+004	-2669	-760	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

2961	6.133e+004	-3189	-760	0
2962	6.133e+004	-2669	-760	0
2963	6.259e+004	-3189	-760	0
2964	6.259e+004	-2669	-760	0
2965	6.385e+004	-3189	-760	0
2967	6.511e+004	-3189	-760	0
2968	6.511e+004	-2669	-760	0
2969	6.638e+004	-3189	-760	0
2970	6.638e+004	-2669	-760	0
2971	6.764e+004	-3189	-760	0
2972	6.764e+004	-2669	-760	0
2973	6.89e+004	-3189	-760	0
2975	7.016e+004	-3189	-760	0
2976	7.016e+004	-2669	-760	0
2977	7.143e+004	-3189	-760	0
2978	7.143e+004	-2669	-760	0
2979	7.269e+004	-3189	-760	0
2980	7.269e+004	-2669	-760	0
2981	7.395e+004	-3189	-760	0
2983	7.521e+004	-3189	-760	0
2984	7.521e+004	-2669	-760	0
2985	7.647e+004	-3189	-760	0
2986	7.647e+004	-2669	-760	0
2987	7.774e+004	-3189	-760	0
2988	7.774e+004	-2669	-760	0
2989	7.9e+004	-3189	-760	0
2991	8.026e+004	-3189	-760	0
2992	8.026e+004	-2669	-760	0
2995	8.153e+004	-3189	-760	0
2996	8.153e+004	-2669	-760	0
2998	8.172e+004	-2863	-760	0
2999	8.279e+004	-3189	-760	0
3000	8.279e+004	-2669	-760	0
3002	8.298e+004	-2965	-760	0
3005	8.419e+004	-3584	-760	0
3006	8.531e+004	-3189	-760	0
3007	8.531e+004	-2669	-760	0
3008	8.545e+004	-3686	-760	0
3009	8.658e+004	-3189	-760	0
3010	8.658e+004	-2669	-760	0
3011	8.671e+004	-3787	-760	0
3012	8.675e+004	-3268	-760	0
3013	8.784e+004	-3189	-760	0
3014	8.784e+004	-2669	-760	0
3015	8.797e+004	-3888	-760	0
3016	8.801e+004	-3370	-760	0
3018	8.91e+004	-3189	-760	0
3020	8.923e+004	-3989	-760	0
3021	9.036e+004	-3189	-760	0
3022	9.036e+004	-2669	-760	0
3023	9.049e+004	-4091	-760	0
3024	9.053e+004	-3572	-760	0
3025	9.163e+004	-3189	-760	0
3026	9.163e+004	-2669	-760	0
3027	9.175e+004	-4192	-760	0
3028	9.179e+004	-3673	-760	0
3029	9.289e+004	-3189	-760	0
3030	9.289e+004	-2669	-760	0
3031	9.3e+004	-4293	-760	0
3032	9.305e+004	-3775	-760	0
3033	9.415e+004	-3189	-760	0
3035	9.426e+004	-4394	-760	0
3037	9.541e+004	-3189	-760	0
3038	9.541e+004	-2669	-760	0
3039	9.552e+004	-4496	-760	0
3040	9.556e+004	-3977	-760	0
3041	9.668e+004	-3189	-760	0
3042	9.668e+004	-2669	-760	0
3043	9.678e+004	-4597	-760	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3044	9.682e+004	-4078	-760	0
3045	9.794e+004	-3189	-760	0
3046	9.794e+004	-2669	-760	0
3047	9.804e+004	-4698	-760	0
3048	9.808e+004	-4180	-760	0
3049	9.92e+004	-3189	-760	0
3051	9.93e+004	-4799	-760	0
3053	1.005e+005	-3189	-760	0
3054	1.005e+005	-2669	-760	0
3055	1.006e+005	-4901	-760	0
3056	1.006e+005	-4382	-760	0
3057	1.017e+005	-3189	-760	0
3058	1.017e+005	-2669	-760	0
3059	1.018e+005	-5002	-760	0
3060	1.019e+005	-4483	-760	0
3061	1.03e+005	-3189	-760	0
3062	1.03e+005	-2669	-760	0
3063	1.031e+005	-5103	-760	0
3064	1.031e+005	-4585	-760	0
3065	1.043e+005	-3189	-760	0
3067	1.043e+005	-5204	-760	0
3069	1.055e+005	-3189	-760	0
3070	1.055e+005	-2669	-760	0
3071	1.056e+005	-5306	-760	0
3072	1.056e+005	-4787	-760	0
3073	1.068e+005	-3189	-760	0
3074	1.068e+005	-2669	-760	0
3075	1.068e+005	-5407	-760	0
3076	1.069e+005	-4888	-760	0
3077	1.08e+005	-3189	-760	0
3078	1.08e+005	-2669	-760	0
3079	1.081e+005	-5508	-760	0
3080	1.081e+005	-4990	-760	0
3081	1.093e+005	-3189	-760	0
3083	1.094e+005	-5609	-760	0
3085	1.106e+005	-3189	-760	0
3086	1.106e+005	-2669	-760	0
3087	1.106e+005	-5711	-760	0
3088	1.107e+005	-5192	-760	0
3089	1.118e+005	-3189	-760	0
3090	1.118e+005	-2669	-760	0
3091	1.119e+005	-5812	-760	0
3092	1.119e+005	-5293	-760	0
3093	1.131e+005	-3189	-760	0
3094	1.131e+005	-2669	-760	0
3095	1.131e+005	-5913	-760	0
3096	1.132e+005	-5395	-760	0
3097	1.143e+005	-3189	-760	0
3099	1.144e+005	-6014	-760	0
3101	1.156e+005	-3189	-760	0
3102	1.156e+005	-2669	-760	0
3103	1.157e+005	-6116	-760	0
3104	1.157e+005	-5597	-760	0
3105	1.169e+005	-3189	-760	0
3106	1.169e+005	-2669	-760	0
3107	1.169e+005	-6217	-760	0
3108	1.17e+005	-5698	-760	0
3109	1.181e+005	-3189	-760	0
3110	1.181e+005	-2669	-760	0
3111	1.182e+005	-6318	-760	0
3112	1.182e+005	-5800	-760	0
3113	1.194e+005	-3189	-760	0
3115	1.194e+005	-6419	-760	0
3117	1.207e+005	-3189	-760	0
3118	1.207e+005	-2669	-760	0
3119	1.207e+005	-6521	-760	0
3120	1.207e+005	-6002	-760	0
3121	1.219e+005	-3189	-760	0
3122	1.219e+005	-2669	-760	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl


3123	1.219e+005	-6622	-760	0
3124	1.22e+005	-6103	-760	0
3125	1.232e+005	-3189	-760	0
3126	1.232e+005	-2669	-760	0
3127	1.232e+005	-6723	-760	0
3128	1.232e+005	-6205	-760	0
3129	1.245e+005	-3189	-760	0
3131	1.245e+005	-6824	-760	0
3133	1.257e+005	-3189	-760	0
3134	1.257e+005	-2669	-760	0
3135	1.257e+005	-6926	-760	0
3136	1.258e+005	-6407	-760	0
3137	1.27e+005	-3189	-760	0
3138	1.27e+005	-2669	-760	0
3139	1.27e+005	-7027	-760	0
3140	1.27e+005	-6508	-760	0
3141	1.28e+005	-3189	-760	0
3142	1.28e+005	-2669	-760	0
3143	1.28e+005	-7108	-760	0
3144	1.28e+005	-6590	-760	0
3145	1.29e+005	-7189	-760	0
3146	1.29e+005	-3189	-760	0
3149	7.016e+004	2814	-751.7	0
3150	7.016e+004	7736	-751.7	0
3151	8.784e+004	2814	-751.7	0
3152	8.784e+004	7736	-751.7	0
3153	7.143e+004	2814	-736.7	0
3154	7.143e+004	7736	-736.7	0
3155	7.269e+004	2814	-736.7	0
3156	7.269e+004	7736	-736.7	0
3157	7.395e+004	2814	-736.7	0
3158	7.395e+004	7736	-736.7	0
3159	7.521e+004	2814	-736.7	0
3160	7.521e+004	7736	-736.7	0
3161	7.647e+004	2814	-736.7	0
3162	7.647e+004	7736	-736.7	0
3163	7.774e+004	2814	-736.7	0
3164	7.774e+004	7736	-736.7	0
3165	7.9e+004	2814	-736.7	0
3166	7.9e+004	7736	-736.7	0
3167	8.026e+004	2814	-736.7	0
3168	8.026e+004	7736	-736.7	0
3169	8.153e+004	2814	-736.7	0
3170	8.153e+004	7736	-736.7	0
3171	8.279e+004	2814	-736.7	0
3172	8.279e+004	7736	-736.7	0
3173	8.405e+004	2814	-736.7	0
3174	8.405e+004	7736	-736.7	0
3175	8.531e+004	2814	-736.7	0
3176	8.531e+004	7736	-736.7	0
3177	8.658e+004	2814	-736.7	0
3178	8.658e+004	7736	-736.7	0
3179	2.571e+004	2814	-653.3	0
3180	2.571e+004	7736	-653.3	0
3181	2.705e+004	2814	-653.3	0
3182	2.705e+004	7736	-653.3	0
3183	2.799e+004	2814	-653.3	0
3184	2.799e+004	7736	-653.3	0
3185	2.9e+004	2814	-653.3	0
3186	2.9e+004	7736	-653.3	0
3187	3.001e+004	2814	-653.3	0
3188	3.001e+004	7736	-653.3	0
3189	3.095e+004	2814	-653.3	0
3190	3.095e+004	7736	-653.3	0
3191	3.229e+004	2814	-653.3	0
3192	3.229e+004	7736	-653.3	0
3193	3.355e+004	2814	-653.3	0
3194	3.355e+004	7736	-653.3	0
3195	3.481e+004	2814	-653.3	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3196	3.481e+004	7736	-653.3	0
3197	3.608e+004	2814	-653.3	0
3198	3.608e+004	7736	-653.3	0
3199	3.734e+004	2814	-653.3	0
3200	3.734e+004	7736	-653.3	0
3201	3.86e+004	2814	-653.3	0
3202	3.86e+004	7736	-653.3	0
3203	3.986e+004	2814	-653.3	0
3204	3.986e+004	7736	-653.3	0
3205	4.113e+004	2814	-653.3	0
3206	4.113e+004	7736	-653.3	0
3207	4.239e+004	2814	-653.3	0
3208	4.239e+004	7736	-653.3	0
3209	4.365e+004	2814	-653.3	0
3210	4.365e+004	7736	-653.3	0
3211	1.143e+005	2814	-653.3	0
3212	1.143e+005	7736	-653.3	0
3213	1.156e+005	2814	-653.3	0
3214	1.156e+005	7736	-653.3	0
3215	1.169e+005	2814	-653.3	0
3216	1.169e+005	7736	-653.3	0
3217	1.181e+005	2814	-653.3	0
3218	1.181e+005	7736	-653.3	0
3219	1.194e+005	2814	-653.3	0
3220	1.194e+005	7736	-653.3	0
3221	1.207e+005	2814	-653.3	0
3222	1.207e+005	7736	-653.3	0
3223	1.219e+005	2814	-653.3	0
3224	1.219e+005	7736	-653.3	0
3225	1.232e+005	2814	-653.3	0
3226	1.232e+005	7736	-653.3	0
3227	1.245e+005	2814	-653.3	0
3228	1.245e+005	7736	-653.3	0
3229	1.257e+005	2814	-653.3	0
3230	1.257e+005	7736	-653.3	0
3231	1.271e+005	2814	-653.3	0
3232	1.271e+005	7736	-653.3	0
3233	1.28e+005	2814	-653.3	0
3234	1.28e+005	7736	-653.3	0
3235	1.29e+005	2814	-653.3	0
3236	1.29e+005	7736	-653.3	0
3237	1.3e+005	2814	-653.3	0
3238	1.3e+005	7736	-653.3	0
3239	1.31e+005	2814	-653.3	0
3240	1.31e+005	7736	-653.3	0
3241	1.323e+005	2814	-653.3	0
3242	1.323e+005	7736	-653.3	0
3243	4.491e+004	2814	-574.3	0
3244	4.491e+004	7736	-574.3	0
3245	1.131e+005	2814	-574.3	0
3246	1.131e+005	7736	-574.3	0
3247	4.617e+004	2814	-495.3	0
3248	4.617e+004	7736	-495.3	0
3249	4.744e+004	2814	-495.3	0
3250	4.744e+004	7736	-495.3	0
3251	4.87e+004	2814	-495.3	0
3252	4.87e+004	7736	-495.3	0
3253	1.093e+005	2814	-495.3	0
3254	1.093e+005	7736	-495.3	0
3255	1.106e+005	2814	-495.3	0
3256	1.106e+005	7736	-495.3	0
3257	1.118e+005	2814	-495.3	0
3258	1.118e+005	7736	-495.3	0
3259	4.996e+004	2814	-476.8	0
3260	4.996e+004	7736	-476.8	0
3261	1.08e+005	2814	-476.8	0
3262	1.08e+005	7736	-476.8	0
3263	5.123e+004	2814	-458.3	0
3264	5.122e+004	7736	-458.3	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3265	5.249e+004	2814	-458.3	0
3266	5.249e+004	7736	-458.3	0
3267	5.375e+004	2814	-458.3	0
3268	5.375e+004	7736	-458.3	0
3269	1.043e+005	2814	-458.3	0
3270	1.043e+005	7736	-458.3	0
3271	1.055e+005	2814	-458.3	0
3272	1.055e+005	7736	-458.3	0
3273	1.068e+005	2814	-458.3	0
3274	1.068e+005	7736	-458.3	0
3275	5.501e+004	2814	-442.3	0
3276	5.501e+004	7736	-442.3	0
3277	1.03e+005	2814	-442.3	0
3278	1.03e+005	7736	-442.3	0
3279	5.628e+004	2814	-426.3	0
3280	5.628e+004	7736	-426.3	0
3281	5.754e+004	2814	-426.3	0
3282	5.754e+004	7736	-426.3	0
3283	5.88e+004	2814	-426.3	0
3284	5.88e+004	7736	-426.3	0
3285	9.92e+004	2814	-426.3	0
3286	9.92e+004	7736	-426.3	0
3287	1.005e+005	2814	-426.3	0
3288	1.005e+005	7736	-426.3	0
3289	1.017e+005	2814	-426.3	0
3290	1.017e+005	7736	-426.3	0
3291	6.006e+004	2814	-414.8	0
3292	6.006e+004	7736	-414.8	0
3293	9.794e+004	2814	-414.8	0
3294	9.794e+004	7736	-414.8	0
3295	6.133e+004	2814	-403.3	0
3296	6.133e+004	7736	-403.3	0
3297	6.259e+004	2814	-403.3	0
3298	6.259e+004	7736	-403.3	0
3299	6.385e+004	2814	-403.3	0
3300	6.385e+004	7736	-403.3	0
3301	9.415e+004	2814	-403.3	0
3302	9.415e+004	7736	-403.3	0
3303	9.541e+004	2814	-403.3	0
3304	9.541e+004	7736	-403.3	0
3305	9.668e+004	2814	-403.3	0
3306	9.668e+004	7736	-403.3	0
3307	6.511e+004	2814	-393.3	0
3308	6.511e+004	7736	-393.3	0
3309	9.289e+004	2814	-393.3	0
3310	9.289e+004	7736	-393.3	0
3311	6.638e+004	2814	-383.3	0
3312	6.638e+004	7736	-383.3	0
3313	6.764e+004	2814	-383.3	0
3314	6.764e+004	7736	-383.3	0
3315	6.89e+004	2814	-383.3	0
3316	6.89e+004	7736	-383.3	0
3317	8.91e+004	2814	-383.3	0
3318	8.91e+004	7736	-383.3	0
3319	9.036e+004	2814	-383.3	0
3320	9.036e+004	7736	-383.3	0
3321	9.163e+004	2814	-383.3	0
3322	9.163e+004	7736	-383.3	0
3323	7.016e+004	2814	-375.8	0
3324	7.016e+004	7736	-375.8	0
3325	8.784e+004	2814	-375.8	0
3326	8.784e+004	7736	-375.8	0
3327	7.143e+004	2814	-368.3	0
3328	7.143e+004	7736	-368.3	0
3329	7.269e+004	2814	-368.3	0
3330	7.269e+004	7736	-368.3	0
3331	7.395e+004	2814	-368.3	0
3332	7.395e+004	7736	-368.3	0
3333	7.521e+004	2814	-368.3	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3334	7.521e+004	7736	-368.3	0
3335	7.647e+004	2814	-368.3	0
3336	7.647e+004	7736	-368.3	0
3337	7.774e+004	2814	-368.3	0
3338	7.774e+004	7736	-368.3	0
3339	7.9e+004	2814	-368.3	0
3340	7.9e+004	7736	-368.3	0
3341	8.026e+004	2814	-368.3	0
3342	8.026e+004	7736	-368.3	0
3343	8.153e+004	2814	-368.3	0
3344	8.153e+004	7736	-368.3	0
3345	8.279e+004	2814	-368.3	0
3346	8.279e+004	7736	-368.3	0
3347	8.405e+004	2814	-368.3	0
3348	8.405e+004	7736	-368.3	0
3349	8.531e+004	2814	-368.3	0
3350	8.531e+004	7736	-368.3	0
3351	8.658e+004	2814	-368.3	0
3352	8.658e+004	7736	-368.3	0
3353	2.571e+004	32.14	0	0
3354	2.571e+004	502.4	0	0
3355	2.571e+004	934.8	0	0
3356	2.571e+004	1367	0	0
3357	2.571e+004	1801	0	0
3358	2.571e+004	2550	0	0
3359	2.571e+004	2814	0	0
3360	2.571e+004	3517	0	0
3361	2.571e+004	4019	0	0
3362	2.571e+004	4421	0	0
3363	2.571e+004	4801	0	0
3364	2.571e+004	5526	0	0
3365	2.571e+004	6029	0	0
3366	2.571e+004	6531	0	0
3367	2.571e+004	7033	0	0
3368	2.571e+004	7736	0	0
3369	2.571e+004	7998	0	0
3370	2.571e+004	8550	0	0
3371	2.571e+004	9043	0	0
3372	2.571e+004	9545	0	0
3373	2.571e+004	1.005e+004	0	0
3374	2.571e+004	1.055e+004	0	0
3375	2.705e+004	32.14	0	0
3376	2.705e+004	502.4	0	0
3377	2.705e+004	934.8	0	0
3378	2.705e+004	1367	0	0
3379	2.705e+004	1801	0	0
3380	2.705e+004	2550	0	0
3381	2.705e+004	2814	0	0
3382	2.705e+004	3517	0	0
3383	2.705e+004	4019	0	0
3384	2.705e+004	4421	0	0
3385	2.705e+004	4801	0	0
3386	2.705e+004	5526	0	0
3387	2.705e+004	6029	0	0
3388	2.705e+004	6531	0	0
3389	2.705e+004	7033	0	0
3390	2.705e+004	7736	0	0
3391	2.705e+004	7998	0	0
3392	2.705e+004	8550	0	0
3393	2.705e+004	9043	0	0
3394	2.705e+004	9545	0	0
3395	2.705e+004	1.005e+004	0	0
3396	2.705e+004	1.055e+004	0	0
3397	2.799e+004	32.14	0	0
3398	2.799e+004	502.4	0	0
3399	2.799e+004	934.8	0	0
3400	2.799e+004	1367	0	0
3401	2.799e+004	1801	0	0
3402	2.799e+004	2550	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3403	2.799e+004	2814	0	0
3404	2.799e+004	3517	0	0
3405	2.799e+004	4019	0	0
3406	2.799e+004	4421	0	0
3407	2.799e+004	4801	0	0
3408	2.799e+004	5526	0	0
3409	2.799e+004	6029	0	0
3410	2.799e+004	6531	0	0
3411	2.799e+004	7033	0	0
3412	2.799e+004	7736	0	0
3413	2.799e+004	7998	0	0
3414	2.799e+004	8550	0	0
3415	2.799e+004	9043	0	0
3416	2.799e+004	9545	0	0
3417	2.799e+004	1.005e+004	0	0
3418	2.799e+004	1.055e+004	0	0
3419	2.9e+004	-4200	0	0
3420	2.9e+004	-3830	0	0
3421	2.9e+004	-3460	0	0
3422	2.9e+004	-3189	0	0
3423	2.9e+004	-2699	0	0
3424	2.9e+004	-2199	0	0
3425	2.9e+004	-1699	0	0
3426	2.9e+004	-1200	0	0
3427	2.9e+004	-438.1	0	0
3428	2.9e+004	32.14	0	0
3429	2.9e+004	502.4	0	0
3430	2.9e+004	934.8	0	0
3431	2.9e+004	1367	0	0
3432	2.9e+004	1801	0	0
3433	2.9e+004	2550	0	0
3434	2.9e+004	2814	0	0
3435	2.9e+004	3517	0	0
3436	2.9e+004	4019	0	0
3437	2.9e+004	4421	0	0
3438	2.9e+004	4801	0	0
3439	2.9e+004	5526	0	0
3440	2.9e+004	6029	0	0
3441	2.9e+004	6531	0	0
3442	2.9e+004	7033	0	0
3443	2.9e+004	7736	0	0
3444	2.9e+004	7998	0	0
3445	2.9e+004	8550	0	0
3446	2.9e+004	9043	0	0
3447	2.9e+004	9545	0	0
3448	2.9e+004	1.005e+004	0	0
3449	2.9e+004	1.055e+004	0	0
3450	3.001e+004	-4200	0	0
3451	3.001e+004	-3830	0	0
3452	3.001e+004	-3460	0	0
3453	3.001e+004	-3189	0	0
3454	3.001e+004	-2699	0	0
3455	3.001e+004	-2199	0	0
3456	3.001e+004	-1699	0	0
3457	3.001e+004	-1200	0	0
3458	3.001e+004	-438.1	0	0
3459	3.001e+004	32.14	0	0
3460	3.001e+004	502.4	0	0
3461	3.001e+004	934.8	0	0
3462	3.001e+004	1367	0	0
3463	3.001e+004	1801	0	0
3464	3.001e+004	2550	0	0
3465	3.001e+004	2814	0	0
3466	3.001e+004	3517	0	0
3467	3.001e+004	4019	0	0
3468	3.001e+004	4421	0	0
3469	3.001e+004	4801	0	0
3470	3.001e+004	5526	0	0
3471	3.001e+004	6029	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3472	3.001e+004	6531	0	0
3473	3.001e+004	7033	0	0
3474	3.001e+004	7736	0	0
3475	3.001e+004	7998	0	0
3476	3.001e+004	8550	0	0
3477	3.001e+004	9043	0	0
3478	3.001e+004	9545	0	0
3479	3.001e+004	1.005e+004	0	0
3480	3.001e+004	1.055e+004	0	0
3481	3.102e+004	-4200	0	0
3482	3.102e+004	-3830	0	0
3483	3.102e+004	-3460	0	0
3484	3.102e+004	-3189	0	0
3485	3.102e+004	-2699	0	0
3486	3.102e+004	-2199	0	0
3487	3.102e+004	-1699	0	0
3488	3.102e+004	-1200	0	0
3489	3.102e+004	-438.1	0	0
3490	3.095e+004	32.14	0	0
3491	3.095e+004	502.4	0	0
3492	3.095e+004	934.8	0	0
3493	3.095e+004	1367	0	0
3494	3.095e+004	1801	0	0
3495	3.095e+004	2550	0	0
3496	3.095e+004	2814	0	0
3497	3.095e+004	3517	0	0
3498	3.095e+004	4019	0	0
3499	3.095e+004	4421	0	0
3500	3.095e+004	4801	0	0
3501	3.095e+004	5526	0	0
3502	3.095e+004	6029	0	0
3503	3.095e+004	6531	0	0
3504	3.095e+004	7033	0	0
3505	3.095e+004	7736	0	0
3506	3.095e+004	7998	0	0
3507	3.095e+004	8550	0	0
3508	3.095e+004	9043	0	0
3509	3.095e+004	9545	0	0
3510	3.095e+004	1.005e+004	0	0
3511	3.095e+004	1.055e+004	0	0
3512	3.229e+004	-4200	0	0
3513	3.229e+004	-3830	0	0
3514	3.229e+004	-3460	0	0
3515	3.229e+004	-3189	0	0
3516	3.229e+004	-2699	0	0
3517	3.229e+004	-2199	0	0
3518	3.229e+004	-1699	0	0
3519	3.229e+004	-1200	0	0
3520	3.229e+004	-438.1	0	0
3521	3.229e+004	32.14	0	0
3522	3.229e+004	502.4	0	0
3523	3.229e+004	934.8	0	0
3524	3.229e+004	1367	0	0
3525	3.229e+004	1801	0	0
3526	3.229e+004	2550	0	0
3527	3.229e+004	2814	0	0
3528	3.229e+004	3517	0	0
3529	3.229e+004	4019	0	0
3530	3.229e+004	4421	0	0
3531	3.229e+004	4801	0	0
3532	3.229e+004	5526	0	0
3533	3.229e+004	6029	0	0
3534	3.229e+004	6531	0	0
3535	3.229e+004	7033	0	0
3536	3.229e+004	7736	0	0
3537	3.229e+004	7998	0	0
3538	3.229e+004	8550	0	0
3539	3.229e+004	9043	0	0
3540	3.229e+004	9545	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3541	3.229e+004	1.005e+004	0	0
3542	3.229e+004	1.055e+004	0	0
3543	3.355e+004	-4200	0	0
3544	3.355e+004	-3830	0	0
3545	3.355e+004	-3460	0	0
3546	3.355e+004	-3189	0	0
3547	3.355e+004	-2699	0	0
3548	3.355e+004	-2199	0	0
3549	3.355e+004	-1699	0	0
3550	3.355e+004	-1200	0	0
3551	3.355e+004	-438.1	0	0
3552	3.355e+004	32.14	0	0
3553	3.355e+004	502.4	0	0
3554	3.355e+004	934.8	0	0
3555	3.355e+004	1367	0	0
3556	3.355e+004	1801	0	0
3557	3.355e+004	2550	0	0
3558	3.355e+004	2814	0	0
3559	3.355e+004	3517	0	0
3560	3.355e+004	4019	0	0
3561	3.355e+004	4421	0	0
3562	3.355e+004	4801	0	0
3563	3.355e+004	5526	0	0
3564	3.355e+004	6029	0	0
3565	3.355e+004	6531	0	0
3566	3.355e+004	7033	0	0
3567	3.355e+004	7736	0	0
3568	3.355e+004	7998	0	0
3569	3.355e+004	8550	0	0
3570	3.355e+004	9043	0	0
3571	3.355e+004	9545	0	0
3572	3.355e+004	1.005e+004	0	0
3573	3.355e+004	1.055e+004	0	0
3574	3.481e+004	-4200	0	0
3575	3.481e+004	-3830	0	0
3576	3.481e+004	-3460	0	0
3577	3.481e+004	-3189	0	0
3578	3.481e+004	-2699	0	0
3579	3.481e+004	-2199	0	0
3580	3.481e+004	-1699	0	0
3581	3.481e+004	-1200	0	0
3582	3.481e+004	-438.1	0	0
3583	3.481e+004	32.14	0	0
3584	3.481e+004	502.4	0	0
3585	3.481e+004	934.8	0	0
3586	3.481e+004	1367	0	0
3587	3.481e+004	1801	0	0
3588	3.481e+004	2550	0	0
3589	3.481e+004	2814	0	0
3590	3.481e+004	3517	0	0
3591	3.481e+004	4019	0	0
3592	3.481e+004	4421	0	0
3593	3.481e+004	4801	0	0
3594	3.481e+004	5526	0	0
3595	3.481e+004	6029	0	0
3596	3.481e+004	6531	0	0
3597	3.481e+004	7033	0	0
3598	3.481e+004	7736	0	0
3599	3.481e+004	7998	0	0
3600	3.481e+004	8550	0	0
3601	3.481e+004	9043	0	0
3602	3.481e+004	9545	0	0
3603	3.481e+004	1.005e+004	0	0
3604	3.481e+004	1.055e+004	0	0
3605	3.608e+004	-4200	0	0
3606	3.608e+004	-3830	0	0
3607	3.608e+004	-3460	0	0
3608	3.608e+004	-3189	0	0
3609	3.608e+004	-2699	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3610	3.608e+004	-2199	0	0
3611	3.608e+004	-1699	0	0
3612	3.608e+004	-1200	0	0
3613	3.608e+004	-438.1	0	0
3614	3.608e+004	32.14	0	0
3615	3.608e+004	502.4	0	0
3616	3.608e+004	934.8	0	0
3617	3.608e+004	1367	0	0
3618	3.608e+004	1801	0	0
3619	3.608e+004	2550	0	0
3620	3.608e+004	2814	0	0
3621	3.608e+004	3517	0	0
3622	3.608e+004	4019	0	0
3623	3.608e+004	4421	0	0
3624	3.608e+004	4801	0	0
3625	3.608e+004	5526	0	0
3626	3.608e+004	6029	0	0
3627	3.608e+004	6531	0	0
3628	3.608e+004	7033	0	0
3629	3.608e+004	7736	0	0
3630	3.608e+004	7998	0	0
3631	3.608e+004	8550	0	0
3632	3.608e+004	9043	0	0
3633	3.608e+004	9545	0	0
3634	3.608e+004	1.005e+004	0	0
3635	3.608e+004	1.055e+004	0	0
3636	3.734e+004	-4200	0	0
3637	3.734e+004	-3830	0	0
3638	3.734e+004	-3460	0	0
3639	3.734e+004	-3189	0	0
3640	3.734e+004	-2699	0	0
3641	3.734e+004	-2199	0	0
3642	3.734e+004	-1699	0	0
3643	3.734e+004	-1200	0	0
3644	3.734e+004	-438.1	0	0
3645	3.734e+004	32.14	0	0
3646	3.734e+004	502.4	0	0
3647	3.734e+004	934.8	0	0
3648	3.734e+004	1367	0	0
3649	3.734e+004	1801	0	0
3650	3.734e+004	2550	0	0
3651	3.734e+004	2814	0	0
3652	3.734e+004	3517	0	0
3653	3.734e+004	4019	0	0
3654	3.734e+004	4421	0	0
3655	3.734e+004	4801	0	0
3656	3.734e+004	5526	0	0
3657	3.734e+004	6029	0	0
3658	3.734e+004	6531	0	0
3659	3.734e+004	7033	0	0
3660	3.734e+004	7736	0	0
3661	3.734e+004	7998	0	0
3662	3.734e+004	8550	0	0
3663	3.734e+004	9043	0	0
3664	3.734e+004	9545	0	0
3665	3.734e+004	1.005e+004	0	0
3666	3.734e+004	1.055e+004	0	0
3667	3.86e+004	-4200	0	0
3668	3.86e+004	-3830	0	0
3669	3.86e+004	-3460	0	0
3670	3.86e+004	-3189	0	0
3671	3.86e+004	-2699	0	0
3672	3.86e+004	-2199	0	0
3673	3.86e+004	-1699	0	0
3674	3.86e+004	-1200	0	0
3675	3.86e+004	-438.1	0	0
3676	3.86e+004	32.14	0	0
3677	3.86e+004	502.4	0	0
3678	3.86e+004	934.8	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3679	3.86e+004	1367	0	0
3680	3.86e+004	1801	0	0
3681	3.86e+004	2550	0	0
3682	3.86e+004	2814	0	0
3683	3.86e+004	3517	0	0
3684	3.86e+004	4019	0	0
3685	3.86e+004	4421	0	0
3686	3.86e+004	4801	0	0
3687	3.86e+004	5526	0	0
3688	3.86e+004	6029	0	0
3689	3.86e+004	6531	0	0
3690	3.86e+004	7033	0	0
3691	3.86e+004	7736	0	0
3692	3.86e+004	7998	0	0
3693	3.86e+004	8550	0	0
3694	3.86e+004	9043	0	0
3695	3.86e+004	9545	0	0
3696	3.86e+004	1.005e+004	0	0
3697	3.86e+004	1.055e+004	0	0
3698	3.986e+004	-4200	0	0
3699	3.986e+004	-3830	0	0
3700	3.986e+004	-3460	0	0
3701	3.986e+004	-3189	0	0
3702	3.986e+004	-2699	0	0
3703	3.986e+004	-2199	0	0
3704	3.986e+004	-1699	0	0
3705	3.986e+004	-1200	0	0
3706	3.986e+004	-438.1	0	0
3707	3.986e+004	32.14	0	0
3708	3.986e+004	502.4	0	0
3709	3.986e+004	934.8	0	0
3710	3.986e+004	1367	0	0
3711	3.986e+004	1801	0	0
3712	3.986e+004	2550	0	0
3713	3.986e+004	2814	0	0
3714	3.986e+004	3517	0	0
3715	3.986e+004	4019	0	0
3716	3.986e+004	4421	0	0
3717	3.986e+004	4801	0	0
3718	3.986e+004	5526	0	0
3719	3.986e+004	6029	0	0
3720	3.986e+004	6531	0	0
3721	3.986e+004	7033	0	0
3722	3.986e+004	7736	0	0
3723	3.986e+004	7998	0	0
3724	3.986e+004	8550	0	0
3725	3.986e+004	9043	0	0
3726	3.986e+004	9545	0	0
3727	3.986e+004	1.005e+004	0	0
3728	3.986e+004	1.055e+004	0	0
3729	4.113e+004	-4200	0	0
3730	4.113e+004	-3830	0	0
3731	4.113e+004	-3460	0	0
3732	4.113e+004	-3189	0	0
3733	4.113e+004	-2699	0	0
3734	4.113e+004	-2199	0	0
3735	4.113e+004	-1699	0	0
3736	4.113e+004	-1200	0	0
3737	4.113e+004	-438.1	0	0
3738	4.113e+004	32.14	0	0
3739	4.113e+004	502.4	0	0
3740	4.113e+004	934.8	0	0
3741	4.113e+004	1367	0	0
3742	4.113e+004	1801	0	0
3743	4.113e+004	2550	0	0
3744	4.113e+004	2814	0	0
3745	4.113e+004	3517	0	0
3746	4.113e+004	4019	0	0
3747	4.113e+004	4421	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3748	4.113e+004	4801	0	0
3749	4.113e+004	5526	0	0
3750	4.113e+004	6029	0	0
3751	4.113e+004	6531	0	0
3752	4.113e+004	7033	0	0
3753	4.113e+004	7736	0	0
3754	4.113e+004	7998	0	0
3755	4.113e+004	8550	0	0
3756	4.113e+004	9043	0	0
3757	4.113e+004	9545	0	0
3758	4.113e+004	1.005e+004	0	0
3759	4.113e+004	1.055e+004	0	0
3760	4.239e+004	-4200	0	0
3761	4.239e+004	-3830	0	0
3762	4.239e+004	-3460	0	0
3763	4.239e+004	-3189	0	0
3764	4.239e+004	-2699	0	0
3765	4.239e+004	-2199	0	0
3766	4.239e+004	-1699	0	0
3767	4.239e+004	-1200	0	0
3768	4.239e+004	-438.1	0	0
3769	4.239e+004	32.14	0	0
3770	4.239e+004	502.4	0	0
3771	4.239e+004	934.8	0	0
3772	4.239e+004	1367	0	0
3773	4.239e+004	1801	0	0
3774	4.239e+004	2550	0	0
3775	4.239e+004	2814	0	0
3776	4.239e+004	3517	0	0
3777	4.239e+004	4019	0	0
3778	4.239e+004	4421	0	0
3779	4.239e+004	4801	0	0
3780	4.239e+004	5526	0	0
3781	4.239e+004	6029	0	0
3782	4.239e+004	6531	0	0
3783	4.239e+004	7033	0	0
3784	4.239e+004	7736	0	0
3785	4.239e+004	7998	0	0
3786	4.239e+004	8550	0	0
3787	4.239e+004	9043	0	0
3788	4.239e+004	9545	0	0
3789	4.239e+004	1.005e+004	0	0
3790	4.239e+004	1.055e+004	0	0
3791	4.365e+004	-4200	0	0
3792	4.365e+004	-3830	0	0
3793	4.365e+004	-3460	0	0
3794	4.365e+004	-3189	0	0
3795	4.365e+004	-2699	0	0
3796	4.365e+004	-2199	0	0
3797	4.365e+004	-1699	0	0
3798	4.365e+004	-1200	0	0
3799	4.365e+004	-438.1	0	0
3800	4.365e+004	32.14	0	0
3801	4.365e+004	502.4	0	0
3802	4.365e+004	934.8	0	0
3803	4.365e+004	1367	0	0
3804	4.365e+004	1801	0	0
3805	4.365e+004	2550	0	0
3806	4.365e+004	2814	0	0
3807	4.365e+004	3517	0	0
3808	4.365e+004	4019	0	0
3809	4.365e+004	4421	0	0
3810	4.365e+004	4801	0	0
3811	4.365e+004	5526	0	0
3812	4.365e+004	6029	0	0
3813	4.365e+004	6531	0	0
3814	4.365e+004	7033	0	0
3815	4.365e+004	7736	0	0
3816	4.365e+004	7998	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3817	4.365e+004	8550	0	0
3818	4.365e+004	9043	0	0
3819	4.365e+004	9545	0	0
3820	4.365e+004	1.005e+004	0	0
3821	4.365e+004	1.055e+004	0	0
3822	4.491e+004	-4200	0	0
3823	4.491e+004	-3830	0	0
3824	4.491e+004	-3460	0	0
3825	4.491e+004	-3189	0	0
3826	4.491e+004	-2699	0	0
3827	4.491e+004	-2199	0	0
3828	4.491e+004	-1699	0	0
3829	4.491e+004	-1200	0	0
3830	4.491e+004	-438.1	0	0
3831	4.491e+004	32.14	0	0
3832	4.491e+004	502.4	0	0
3833	4.491e+004	934.8	0	0
3834	4.491e+004	1367	0	0
3835	4.491e+004	1801	0	0
3836	4.491e+004	2550	0	0
3837	4.491e+004	2814	0	0
3838	4.491e+004	3517	0	0
3839	4.491e+004	4019	0	0
3840	4.491e+004	4421	0	0
3841	4.491e+004	4801	0	0
3842	4.491e+004	5526	0	0
3843	4.491e+004	6029	0	0
3844	4.491e+004	6531	0	0
3845	4.491e+004	7033	0	0
3846	4.491e+004	7736	0	0
3847	4.491e+004	7998	0	0
3848	4.491e+004	8550	0	0
3849	4.491e+004	9043	0	0
3850	4.491e+004	9545	0	0
3851	4.491e+004	1.005e+004	0	0
3852	4.491e+004	1.055e+004	0	0
3853	4.617e+004	-4200	0	0
3854	4.617e+004	-3830	0	0
3855	4.617e+004	-3460	0	0
3856	4.617e+004	-3189	0	0
3857	4.617e+004	-2699	0	0
3858	4.617e+004	-2199	0	0
3859	4.617e+004	-1699	0	0
3860	4.617e+004	-1200	0	0
3861	4.617e+004	-438.1	0	0
3862	4.617e+004	32.14	0	0
3863	4.617e+004	502.4	0	0
3864	4.617e+004	934.8	0	0
3865	4.617e+004	1367	0	0
3866	4.617e+004	1801	0	0
3867	4.617e+004	2550	0	0
3868	4.617e+004	2814	0	0
3869	4.617e+004	3517	0	0
3870	4.617e+004	4019	0	0
3871	4.617e+004	4421	0	0
3872	4.617e+004	4801	0	0
3873	4.617e+004	5526	0	0
3874	4.617e+004	6029	0	0
3875	4.617e+004	6531	0	0
3876	4.617e+004	7033	0	0
3877	4.617e+004	7736	0	0
3878	4.617e+004	7998	0	0
3879	4.617e+004	8550	0	0
3880	4.617e+004	9043	0	0
3881	4.617e+004	9545	0	0
3882	4.617e+004	1.005e+004	0	0
3883	4.617e+004	1.055e+004	0	0
3884	4.744e+004	-4200	0	0
3885	4.744e+004	-3830	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3886	4.744e+004	-3460	0	0
3887	4.744e+004	-3189	0	0
3888	4.744e+004	-2699	0	0
3889	4.744e+004	-2199	0	0
3890	4.744e+004	-1699	0	0
3891	4.744e+004	-1200	0	0
3892	4.744e+004	-438.1	0	0
3893	4.744e+004	32.14	0	0
3894	4.744e+004	502.4	0	0
3895	4.744e+004	934.8	0	0
3896	4.744e+004	1367	0	0
3897	4.744e+004	1801	0	0
3898	4.744e+004	2550	0	0
3899	4.744e+004	2814	0	0
3900	4.744e+004	3517	0	0
3901	4.744e+004	4019	0	0
3902	4.744e+004	4421	0	0
3903	4.744e+004	4801	0	0
3904	4.744e+004	5526	0	0
3905	4.744e+004	6029	0	0
3906	4.744e+004	6531	0	0
3907	4.744e+004	7033	0	0
3908	4.744e+004	7736	0	0
3909	4.744e+004	7998	0	0
3910	4.744e+004	8550	0	0
3911	4.744e+004	9043	0	0
3912	4.744e+004	9545	0	0
3913	4.744e+004	1.005e+004	0	0
3914	4.744e+004	1.055e+004	0	0
3915	4.87e+004	-4200	0	0
3916	4.87e+004	-3830	0	0
3917	4.87e+004	-3460	0	0
3918	4.87e+004	-3189	0	0
3919	4.87e+004	-2699	0	0
3920	4.87e+004	-2199	0	0
3921	4.87e+004	-1699	0	0
3922	4.87e+004	-1200	0	0
3923	4.87e+004	-438.1	0	0
3924	4.87e+004	32.14	0	0
3925	4.87e+004	502.4	0	0
3926	4.87e+004	934.8	0	0
3927	4.87e+004	1367	0	0
3928	4.87e+004	1801	0	0
3929	4.87e+004	2550	0	0
3930	4.87e+004	2814	0	0
3931	4.87e+004	3517	0	0
3932	4.87e+004	4019	0	0
3933	4.87e+004	4421	0	0
3934	4.87e+004	4801	0	0
3935	4.87e+004	5526	0	0
3936	4.87e+004	6029	0	0
3937	4.87e+004	6531	0	0
3938	4.87e+004	7033	0	0
3939	4.87e+004	7736	0	0
3940	4.87e+004	7998	0	0
3941	4.87e+004	8550	0	0
3942	4.87e+004	9043	0	0
3943	4.87e+004	9545	0	0
3944	4.87e+004	1.005e+004	0	0
3945	4.87e+004	1.055e+004	0	0
3946	4.996e+004	-4200	0	0
3947	4.996e+004	-3830	0	0
3948	4.996e+004	-3460	0	0
3949	4.996e+004	-3189	0	0
3950	4.996e+004	-2699	0	0
3951	4.996e+004	-2199	0	0
3952	4.996e+004	-1699	0	0
3953	4.996e+004	-1200	0	0
3954	4.996e+004	-438.1	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

3955	4.996e+004	32.14	0	0
3956	4.996e+004	502.4	0	0
3957	4.996e+004	934.8	0	0
3958	4.996e+004	1367	0	0
3959	4.996e+004	1801	0	0
3960	4.996e+004	2550	0	0
3961	4.996e+004	2814	0	0
3962	4.996e+004	3517	0	0
3963	4.996e+004	4019	0	0
3964	4.996e+004	4421	0	0
3965	4.996e+004	4801	0	0
3966	4.996e+004	5526	0	0
3967	4.996e+004	6029	0	0
3968	4.996e+004	6531	0	0
3969	4.996e+004	7033	0	0
3970	4.996e+004	7736	0	0
3971	4.996e+004	7998	0	0
3972	4.996e+004	8550	0	0
3973	4.996e+004	9043	0	0
3974	4.996e+004	9545	0	0
3975	4.996e+004	1.005e+004	0	0
3976	4.996e+004	1.055e+004	0	0
3977	5.123e+004	-4200	0	0
3978	5.123e+004	-3830	0	0
3979	5.123e+004	-3460	0	0
3980	5.123e+004	-3189	0	0
3981	5.123e+004	-2699	0	0
3982	5.123e+004	-2199	0	0
3983	5.123e+004	-1699	0	0
3984	5.123e+004	-1200	0	0
3985	5.123e+004	-438.1	0	0
3986	5.123e+004	32.14	0	0
3987	5.123e+004	502.4	0	0
3988	5.123e+004	934.8	0	0
3989	5.123e+004	1367	0	0
3990	5.123e+004	1801	0	0
3991	5.123e+004	2550	0	0
3992	5.123e+004	2814	0	0
3993	5.123e+004	3517	0	0
3994	5.123e+004	4019	0	0
3995	5.123e+004	4421	0	0
3996	5.123e+004	4801	0	0
3997	5.123e+004	5526	0	0
3998	5.123e+004	6029	0	0
3999	5.123e+004	6531	0	0
4000	5.123e+004	7033	0	0
4001	5.123e+004	7736	0	0
4002	5.123e+004	7998	0	0
4003	5.123e+004	8550	0	0
4004	5.123e+004	9043	0	0
4005	5.123e+004	9545	0	0
4006	5.123e+004	1.005e+004	0	0
4007	5.123e+004	1.055e+004	0	0
4008	5.249e+004	-4200	0	0
4009	5.249e+004	-3830	0	0
4010	5.249e+004	-3460	0	0
4011	5.249e+004	-3189	0	0
4012	5.249e+004	-2699	0	0
4013	5.249e+004	-2199	0	0
4014	5.249e+004	-1699	0	0
4015	5.249e+004	-1200	0	0
4016	5.249e+004	-438.1	0	0
4017	5.249e+004	32.14	0	0
4018	5.249e+004	502.4	0	0
4019	5.249e+004	934.8	0	0
4020	5.249e+004	1367	0	0
4021	5.249e+004	1801	0	0
4022	5.249e+004	2550	0	0
4023	5.249e+004	2814	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4024	5.249e+004	3517	0	0
4025	5.249e+004	4019	0	0
4026	5.249e+004	4421	0	0
4027	5.249e+004	4801	0	0
4028	5.249e+004	5526	0	0
4029	5.249e+004	6029	0	0
4030	5.249e+004	6531	0	0
4031	5.249e+004	7033	0	0
4032	5.249e+004	7736	0	0
4033	5.249e+004	7998	0	0
4034	5.249e+004	8550	0	0
4035	5.249e+004	9043	0	0
4036	5.249e+004	9545	0	0
4037	5.249e+004	1.005e+004	0	0
4038	5.249e+004	1.055e+004	0	0
4039	5.375e+004	-4200	0	0
4040	5.375e+004	-3830	0	0
4041	5.375e+004	-3460	0	0
4042	5.375e+004	-3189	0	0
4043	5.375e+004	-2699	0	0
4044	5.375e+004	-2199	0	0
4045	5.375e+004	-1699	0	0
4046	5.375e+004	-1200	0	0
4047	5.375e+004	-438.1	0	0
4048	5.375e+004	32.14	0	0
4049	5.375e+004	502.4	0	0
4050	5.375e+004	934.8	0	0
4051	5.375e+004	1367	0	0
4052	5.375e+004	1801	0	0
4053	5.375e+004	2550	0	0
4054	5.375e+004	2814	0	0
4055	5.375e+004	3517	0	0
4056	5.375e+004	4019	0	0
4057	5.375e+004	4421	0	0
4058	5.375e+004	4801	0	0
4059	5.375e+004	5526	0	0
4060	5.375e+004	6029	0	0
4061	5.375e+004	6531	0	0
4062	5.375e+004	7033	0	0
4063	5.375e+004	7736	0	0
4064	5.375e+004	7998	0	0
4065	5.375e+004	8550	0	0
4066	5.375e+004	9043	0	0
4067	5.375e+004	9545	0	0
4068	5.375e+004	1.005e+004	0	0
4069	5.375e+004	1.055e+004	0	0
4070	5.501e+004	-4200	0	0
4071	5.501e+004	-3830	0	0
4072	5.501e+004	-3460	0	0
4073	5.501e+004	-3189	0	0
4074	5.501e+004	-2699	0	0
4075	5.501e+004	-2199	0	0
4076	5.501e+004	-1699	0	0
4077	5.501e+004	-1200	0	0
4078	5.501e+004	-438.1	0	0
4079	5.501e+004	32.14	0	0
4080	5.501e+004	502.4	0	0
4081	5.501e+004	934.8	0	0
4082	5.501e+004	1367	0	0
4083	5.501e+004	1801	0	0
4084	5.501e+004	2550	0	0
4085	5.501e+004	2814	0	0
4086	5.501e+004	3517	0	0
4087	5.501e+004	4019	0	0
4088	5.501e+004	4421	0	0
4089	5.501e+004	4801	0	0
4090	5.501e+004	5526	0	0
4091	5.501e+004	6029	0	0
4092	5.501e+004	6531	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4093	5.501e+004	7033	0	0
4094	5.501e+004	7736	0	0
4095	5.501e+004	7998	0	0
4096	5.501e+004	8550	0	0
4097	5.501e+004	9043	0	0
4098	5.501e+004	9545	0	0
4099	5.501e+004	1.005e+004	0	0
4100	5.501e+004	1.055e+004	0	0
4101	5.628e+004	-4200	0	0
4102	5.628e+004	-3830	0	0
4103	5.628e+004	-3460	0	0
4104	5.628e+004	-3189	0	0
4105	5.628e+004	-2699	0	0
4106	5.628e+004	-2199	0	0
4107	5.628e+004	-1699	0	0
4108	5.628e+004	-1200	0	0
4109	5.628e+004	-438.1	0	0
4110	5.628e+004	32.14	0	0
4111	5.628e+004	502.4	0	0
4112	5.628e+004	934.8	0	0
4113	5.628e+004	1367	0	0
4114	5.628e+004	1801	0	0
4115	5.628e+004	2550	0	0
4116	5.628e+004	2814	0	0
4117	5.628e+004	3517	0	0
4118	5.628e+004	4019	0	0
4119	5.628e+004	4421	0	0
4120	5.628e+004	4801	0	0
4121	5.628e+004	5526	0	0
4122	5.628e+004	6029	0	0
4123	5.628e+004	6531	0	0
4124	5.628e+004	7033	0	0
4125	5.628e+004	7736	0	0
4126	5.628e+004	7998	0	0
4127	5.628e+004	8550	0	0
4128	5.628e+004	9043	0	0
4129	5.628e+004	9545	0	0
4130	5.628e+004	1.005e+004	0	0
4131	5.628e+004	1.055e+004	0	0
4132	5.754e+004	-4200	0	0
4133	5.754e+004	-3830	0	0
4134	5.754e+004	-3460	0	0
4135	5.754e+004	-3189	0	0
4136	5.754e+004	-2699	0	0
4137	5.754e+004	-2199	0	0
4138	5.754e+004	-1699	0	0
4139	5.754e+004	-1200	0	0
4140	5.754e+004	-438.1	0	0
4141	5.754e+004	32.14	0	0
4142	5.754e+004	502.4	0	0
4143	5.754e+004	934.8	0	0
4144	5.754e+004	1367	0	0
4145	5.754e+004	1801	0	0
4146	5.754e+004	2550	0	0
4147	5.754e+004	2814	0	0
4148	5.754e+004	3517	0	0
4149	5.754e+004	4019	0	0
4150	5.754e+004	4421	0	0
4151	5.754e+004	4801	0	0
4152	5.754e+004	5526	0	0
4153	5.754e+004	6029	0	0
4154	5.754e+004	6531	0	0
4155	5.754e+004	7033	0	0
4156	5.754e+004	7736	0	0
4157	5.754e+004	7998	0	0
4158	5.754e+004	8550	0	0
4159	5.754e+004	9043	0	0
4160	5.754e+004	9545	0	0
4161	5.754e+004	1.005e+004	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4162	5.754e+004	1.055e+004	0	0
4163	5.88e+004	-4200	0	0
4164	5.88e+004	-3830	0	0
4165	5.88e+004	-3460	0	0
4166	5.88e+004	-3189	0	0
4167	5.88e+004	-2699	0	0
4168	5.88e+004	-2199	0	0
4169	5.88e+004	-1699	0	0
4170	5.88e+004	-1200	0	0
4171	5.88e+004	-438.1	0	0
4172	5.88e+004	32.14	0	0
4173	5.88e+004	502.4	0	0
4174	5.88e+004	934.8	0	0
4175	5.88e+004	1367	0	0
4176	5.88e+004	1801	0	0
4177	5.88e+004	2550	0	0
4178	5.88e+004	2814	0	0
4179	5.88e+004	3517	0	0
4180	5.88e+004	4019	0	0
4181	5.88e+004	4421	0	0
4182	5.88e+004	4801	0	0
4183	5.88e+004	5526	0	0
4184	5.88e+004	6029	0	0
4185	5.88e+004	6531	0	0
4186	5.88e+004	7033	0	0
4187	5.88e+004	7736	0	0
4188	5.88e+004	7998	0	0
4189	5.88e+004	8550	0	0
4190	5.88e+004	9043	0	0
4191	5.88e+004	9545	0	0
4192	5.88e+004	1.005e+004	0	0
4193	5.88e+004	1.055e+004	0	0
4194	6.006e+004	-4200	0	0
4195	6.006e+004	-3830	0	0
4196	6.006e+004	-3460	0	0
4197	6.006e+004	-3189	0	0
4198	6.006e+004	-2699	0	0
4199	6.006e+004	-2199	0	0
4200	6.006e+004	-1699	0	0
4201	6.006e+004	-1200	0	0
4202	6.006e+004	-438.1	0	0
4203	6.006e+004	32.14	0	0
4204	6.006e+004	502.4	0	0
4205	6.006e+004	934.8	0	0
4206	6.006e+004	1367	0	0
4207	6.006e+004	1801	0	0
4208	6.006e+004	2550	0	0
4209	6.006e+004	2814	0	0
4210	6.006e+004	3517	0	0
4211	6.006e+004	4019	0	0
4212	6.006e+004	4421	0	0
4213	6.006e+004	4801	0	0
4214	6.006e+004	5526	0	0
4215	6.006e+004	6029	0	0
4216	6.006e+004	6531	0	0
4217	6.006e+004	7033	0	0
4218	6.006e+004	7736	0	0
4219	6.006e+004	7998	0	0
4220	6.006e+004	8550	0	0
4221	6.006e+004	9043	0	0
4222	6.006e+004	9545	0	0
4223	6.006e+004	1.005e+004	0	0
4224	6.006e+004	1.055e+004	0	0
4225	6.133e+004	-4200	0	0
4226	6.133e+004	-3830	0	0
4227	6.133e+004	-3460	0	0
4228	6.133e+004	-3189	0	0
4229	6.133e+004	-2699	0	0
4230	6.133e+004	-2199	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4231	6.133e+004	-1699	0	0
4232	6.133e+004	-1200	0	0
4233	6.133e+004	-438.1	0	0
4234	6.133e+004	32.14	0	0
4235	6.133e+004	502.4	0	0
4236	6.133e+004	934.8	0	0
4237	6.133e+004	1367	0	0
4238	6.133e+004	1801	0	0
4239	6.133e+004	2550	0	0
4240	6.133e+004	2814	0	0
4241	6.133e+004	3517	0	0
4242	6.133e+004	4019	0	0
4243	6.133e+004	4421	0	0
4244	6.133e+004	4801	0	0
4245	6.133e+004	5526	0	0
4246	6.133e+004	6029	0	0
4247	6.133e+004	6531	0	0
4248	6.133e+004	7033	0	0
4249	6.133e+004	7736	0	0
4250	6.133e+004	7998	0	0
4251	6.133e+004	8550	0	0
4252	6.133e+004	9043	0	0
4253	6.133e+004	9545	0	0
4254	6.133e+004	1.005e+004	0	0
4255	6.133e+004	1.055e+004	0	0
4256	6.259e+004	-4200	0	0
4257	6.259e+004	-3830	0	0
4258	6.259e+004	-3460	0	0
4259	6.259e+004	-3189	0	0
4260	6.259e+004	-2699	0	0
4261	6.259e+004	-2199	0	0
4262	6.259e+004	-1699	0	0
4263	6.259e+004	-1200	0	0
4264	6.259e+004	-438.1	0	0
4265	6.259e+004	32.14	0	0
4266	6.259e+004	502.4	0	0
4267	6.259e+004	934.8	0	0
4268	6.259e+004	1367	0	0
4269	6.259e+004	1801	0	0
4270	6.259e+004	2550	0	0
4271	6.259e+004	2814	0	0
4272	6.259e+004	3517	0	0
4273	6.259e+004	4019	0	0
4274	6.259e+004	4421	0	0
4275	6.259e+004	4801	0	0
4276	6.259e+004	5526	0	0
4277	6.259e+004	6029	0	0
4278	6.259e+004	6531	0	0
4279	6.259e+004	7033	0	0
4280	6.259e+004	7736	0	0
4281	6.259e+004	7998	0	0
4282	6.259e+004	8550	0	0
4283	6.259e+004	9043	0	0
4284	6.259e+004	9545	0	0
4285	6.259e+004	1.005e+004	0	0
4286	6.259e+004	1.055e+004	0	0
4287	6.385e+004	-4200	0	0
4288	6.385e+004	-3830	0	0
4289	6.385e+004	-3460	0	0
4290	6.385e+004	-3189	0	0
4291	6.385e+004	-2699	0	0
4292	6.385e+004	-2199	0	0
4293	6.385e+004	-1699	0	0
4294	6.385e+004	-1200	0	0
4295	6.385e+004	-438.1	0	0
4296	6.385e+004	32.14	0	0
4297	6.385e+004	502.4	0	0
4298	6.385e+004	934.8	0	0
4299	6.385e+004	1367	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4300	6.385e+004	1801	0	0
4301	6.385e+004	2550	0	0
4302	6.385e+004	2814	0	0
4303	6.385e+004	3517	0	0
4304	6.385e+004	4019	0	0
4305	6.385e+004	4421	0	0
4306	6.385e+004	4801	0	0
4307	6.385e+004	5526	0	0
4308	6.385e+004	6029	0	0
4309	6.385e+004	6531	0	0
4310	6.385e+004	7033	0	0
4311	6.385e+004	7736	0	0
4312	6.385e+004	7998	0	0
4313	6.385e+004	8550	0	0
4314	6.385e+004	9043	0	0
4315	6.385e+004	9545	0	0
4316	6.385e+004	1.005e+004	0	0
4317	6.385e+004	1.055e+004	0	0
4318	6.511e+004	-4200	0	0
4319	6.511e+004	-3830	0	0
4320	6.511e+004	-3460	0	0
4321	6.511e+004	-3189	0	0
4322	6.511e+004	-2699	0	0
4323	6.511e+004	-2199	0	0
4324	6.511e+004	-1699	0	0
4325	6.511e+004	-1200	0	0
4326	6.511e+004	-438.1	0	0
4327	6.511e+004	32.14	0	0
4328	6.511e+004	502.4	0	0
4329	6.511e+004	934.8	0	0
4330	6.511e+004	1367	0	0
4331	6.511e+004	1801	0	0
4332	6.511e+004	2550	0	0
4333	6.511e+004	2814	0	0
4334	6.511e+004	3517	0	0
4335	6.511e+004	4019	0	0
4336	6.511e+004	4421	0	0
4337	6.511e+004	4801	0	0
4338	6.511e+004	5526	0	0
4339	6.511e+004	6029	0	0
4340	6.511e+004	6531	0	0
4341	6.511e+004	7033	0	0
4342	6.511e+004	7736	0	0
4343	6.511e+004	7998	0	0
4344	6.511e+004	8550	0	0
4345	6.511e+004	9043	0	0
4346	6.511e+004	9545	0	0
4347	6.511e+004	1.005e+004	0	0
4348	6.511e+004	1.055e+004	0	0
4349	6.638e+004	-4200	0	0
4350	6.638e+004	-3830	0	0
4351	6.638e+004	-3460	0	0
4352	6.638e+004	-3189	0	0
4353	6.638e+004	-2699	0	0
4354	6.638e+004	-2199	0	0
4355	6.638e+004	-1699	0	0
4356	6.638e+004	-1200	0	0
4357	6.638e+004	-438.1	0	0
4358	6.638e+004	32.14	0	0
4359	6.638e+004	502.4	0	0
4360	6.638e+004	934.8	0	0
4361	6.638e+004	1367	0	0
4362	6.638e+004	1801	0	0
4363	6.638e+004	2550	0	0
4364	6.638e+004	2814	0	0
4365	6.638e+004	3517	0	0
4366	6.638e+004	4019	0	0
4367	6.638e+004	4421	0	0
4368	6.638e+004	4801	0	0

PROJECT TITLE :

	Company	Client		
	Author	File Name	impalcatoUP8-UP9-rev6-IN.mdl	

4369	6.638e+004	5526	0	0
4370	6.638e+004	6029	0	0
4371	6.638e+004	6531	0	0
4372	6.638e+004	7033	0	0
4373	6.638e+004	7736	0	0
4374	6.638e+004	7998	0	0
4375	6.638e+004	8550	0	0
4376	6.638e+004	9043	0	0
4377	6.638e+004	9545	0	0
4378	6.638e+004	1.005e+004	0	0
4379	6.638e+004	1.055e+004	0	0
4380	6.764e+004	-4200	0	0
4381	6.764e+004	-3830	0	0
4382	6.764e+004	-3460	0	0
4383	6.764e+004	-3189	0	0
4384	6.764e+004	-2699	0	0
4385	6.764e+004	-2199	0	0
4386	6.764e+004	-1699	0	0
4387	6.764e+004	-1200	0	0
4388	6.764e+004	-438.1	0	0
4389	6.764e+004	32.14	0	0
4390	6.764e+004	502.4	0	0
4391	6.764e+004	934.8	0	0
4392	6.764e+004	1367	0	0
4393	6.764e+004	1801	0	0
4394	6.764e+004	2550	0	0
4395	6.764e+004	2814	0	0
4396	6.764e+004	3517	0	0
4397	6.764e+004	4019	0	0
4398	6.764e+004	4421	0	0
4399	6.764e+004	4801	0	0
4400	6.764e+004	5526	0	0
4401	6.764e+004	6029	0	0
4402	6.764e+004	6531	0	0
4403	6.764e+004	7033	0	0
4404	6.764e+004	7736	0	0
4405	6.764e+004	7998	0	0
4406	6.764e+004	8550	0	0
4407	6.764e+004	9043	0	0
4408	6.764e+004	9545	0	0
4409	6.764e+004	1.005e+004	0	0
4410	6.764e+004	1.055e+004	0	0
4411	6.89e+004	-4200	0	0
4412	6.89e+004	-3830	0	0
4413	6.89e+004	-3460	0	0
4414	6.89e+004	-3189	0	0
4415	6.89e+004	-2699	0	0
4416	6.89e+004	-2199	0	0
4417	6.89e+004	-1699	0	0
4418	6.89e+004	-1200	0	0
4419	6.89e+004	-438.1	0	0
4420	6.89e+004	32.14	0	0
4421	6.89e+004	502.4	0	0
4422	6.89e+004	934.8	0	0
4423	6.89e+004	1367	0	0
4424	6.89e+004	1801	0	0
4425	6.89e+004	2550	0	0
4426	6.89e+004	2814	0	0
4427	6.89e+004	3517	0	0
4428	6.89e+004	4019	0	0
4429	6.89e+004	4421	0	0
4430	6.89e+004	4801	0	0
4431	6.89e+004	5526	0	0
4432	6.89e+004	6029	0	0
4433	6.89e+004	6531	0	0
4434	6.89e+004	7033	0	0
4435	6.89e+004	7736	0	0
4436	6.89e+004	7998	0	0
4437	6.89e+004	8550	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4438	6.89e+004	9043	0	0
4439	6.89e+004	9545	0	0
4440	6.89e+004	1.005e+004	0	0
4441	6.89e+004	1.055e+004	0	0
4442	7.016e+004	-4200	0	0
4443	7.016e+004	-3830	0	0
4444	7.016e+004	-3460	0	0
4445	7.016e+004	-3189	0	0
4446	7.016e+004	-2699	0	0
4447	7.016e+004	-2199	0	0
4448	7.016e+004	-1699	0	0
4449	7.016e+004	-1200	0	0
4450	7.016e+004	-438.1	0	0
4451	7.016e+004	32.14	0	0
4452	7.016e+004	502.4	0	0
4453	7.016e+004	934.8	0	0
4454	7.016e+004	1367	0	0
4455	7.016e+004	1801	0	0
4456	7.016e+004	2550	0	0
4457	7.016e+004	2814	0	0
4458	7.016e+004	3517	0	0
4459	7.016e+004	4019	0	0
4460	7.016e+004	4421	0	0
4461	7.016e+004	4801	0	0
4462	7.016e+004	5526	0	0
4463	7.016e+004	6029	0	0
4464	7.016e+004	6531	0	0
4465	7.016e+004	7033	0	0
4466	7.016e+004	7736	0	0
4467	7.016e+004	7998	0	0
4468	7.016e+004	8550	0	0
4469	7.016e+004	9043	0	0
4470	7.016e+004	9545	0	0
4471	7.016e+004	1.005e+004	0	0
4472	7.016e+004	1.055e+004	0	0
4473	7.143e+004	-4200	0	0
4474	7.143e+004	-3830	0	0
4475	7.143e+004	-3460	0	0
4476	7.143e+004	-3189	0	0
4477	7.143e+004	-2699	0	0
4478	7.143e+004	-2199	0	0
4479	7.143e+004	-1699	0	0
4480	7.143e+004	-1200	0	0
4481	7.143e+004	-438.1	0	0
4482	7.143e+004	32.14	0	0
4483	7.143e+004	502.4	0	0
4484	7.143e+004	934.8	0	0
4485	7.143e+004	1367	0	0
4486	7.143e+004	1801	0	0
4487	7.143e+004	2550	0	0
4488	7.143e+004	2814	0	0
4489	7.143e+004	3517	0	0
4490	7.143e+004	4019	0	0
4491	7.143e+004	4421	0	0
4492	7.143e+004	4801	0	0
4493	7.143e+004	5526	0	0
4494	7.143e+004	6029	0	0
4495	7.143e+004	6531	0	0
4496	7.143e+004	7033	0	0
4497	7.143e+004	7736	0	0
4498	7.143e+004	7998	0	0
4499	7.143e+004	8550	0	0
4500	7.143e+004	9043	0	0
4501	7.143e+004	9545	0	0
4502	7.143e+004	1.005e+004	0	0
4503	7.143e+004	1.055e+004	0	0
4504	7.269e+004	-4200	0	0
4505	7.269e+004	-3830	0	0
4506	7.269e+004	-3460	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4507	7.269e+004	-3189	0	0
4508	7.269e+004	-2699	0	0
4509	7.269e+004	-2199	0	0
4510	7.269e+004	-1699	0	0
4511	7.269e+004	-1200	0	0
4512	7.269e+004	-438.1	0	0
4513	7.269e+004	32.14	0	0
4514	7.269e+004	502.4	0	0
4515	7.269e+004	934.8	0	0
4516	7.269e+004	1367	0	0
4517	7.269e+004	1801	0	0
4518	7.269e+004	2550	0	0
4519	7.269e+004	2814	0	0
4520	7.269e+004	3517	0	0
4521	7.269e+004	4019	0	0
4522	7.269e+004	4421	0	0
4523	7.269e+004	4801	0	0
4524	7.269e+004	5526	0	0
4525	7.269e+004	6029	0	0
4526	7.269e+004	6531	0	0
4527	7.269e+004	7033	0	0
4528	7.269e+004	7736	0	0
4529	7.269e+004	7998	0	0
4530	7.269e+004	8550	0	0
4531	7.269e+004	9043	0	0
4532	7.269e+004	9545	0	0
4533	7.269e+004	1.005e+004	0	0
4534	7.269e+004	1.055e+004	0	0
4535	7.395e+004	-4200	0	0
4536	7.395e+004	-3830	0	0
4537	7.395e+004	-3460	0	0
4538	7.395e+004	-3189	0	0
4539	7.395e+004	-2699	0	0
4540	7.395e+004	-2199	0	0
4541	7.395e+004	-1699	0	0
4542	7.395e+004	-1200	0	0
4543	7.395e+004	-438.1	0	0
4544	7.395e+004	32.14	0	0
4545	7.395e+004	502.4	0	0
4546	7.395e+004	934.8	0	0
4547	7.395e+004	1367	0	0
4548	7.395e+004	1801	0	0
4549	7.395e+004	2550	0	0
4550	7.395e+004	2814	0	0
4551	7.395e+004	3517	0	0
4552	7.395e+004	4019	0	0
4553	7.395e+004	4421	0	0
4554	7.395e+004	4801	0	0
4555	7.395e+004	5526	0	0
4556	7.395e+004	6029	0	0
4557	7.395e+004	6531	0	0
4558	7.395e+004	7033	0	0
4559	7.395e+004	7736	0	0
4560	7.395e+004	7998	0	0
4561	7.395e+004	8550	0	0
4562	7.395e+004	9043	0	0
4563	7.395e+004	9545	0	0
4564	7.395e+004	1.005e+004	0	0
4565	7.395e+004	1.055e+004	0	0
4566	7.521e+004	-4200	0	0
4567	7.521e+004	-3830	0	0
4568	7.521e+004	-3460	0	0
4569	7.521e+004	-3189	0	0
4570	7.521e+004	-2699	0	0
4571	7.521e+004	-2199	0	0
4572	7.521e+004	-1699	0	0
4573	7.521e+004	-1200	0	0
4574	7.521e+004	-438.1	0	0
4575	7.521e+004	32.14	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4576	7.521e+004	502.4	0	0
4577	7.521e+004	934.8	0	0
4578	7.521e+004	1367	0	0
4579	7.521e+004	1801	0	0
4580	7.521e+004	2550	0	0
4581	7.521e+004	2814	0	0
4582	7.521e+004	3517	0	0
4583	7.521e+004	4019	0	0
4584	7.521e+004	4421	0	0
4585	7.521e+004	4801	0	0
4586	7.521e+004	5526	0	0
4587	7.521e+004	6029	0	0
4588	7.521e+004	6531	0	0
4589	7.521e+004	7033	0	0
4590	7.521e+004	7736	0	0
4591	7.521e+004	7998	0	0
4592	7.521e+004	8550	0	0
4593	7.521e+004	9043	0	0
4594	7.521e+004	9545	0	0
4595	7.521e+004	1.005e+004	0	0
4596	7.521e+004	1.055e+004	0	0
4597	7.647e+004	-4200	0	0
4598	7.647e+004	-3830	0	0
4599	7.647e+004	-3460	0	0
4600	7.647e+004	-3189	0	0
4601	7.647e+004	-2699	0	0
4602	7.647e+004	-2199	0	0
4603	7.647e+004	-1699	0	0
4604	7.647e+004	-1200	0	0
4605	7.647e+004	-438.1	0	0
4606	7.647e+004	32.14	0	0
4607	7.647e+004	502.4	0	0
4608	7.647e+004	934.8	0	0
4609	7.647e+004	1367	0	0
4610	7.647e+004	1801	0	0
4611	7.647e+004	2550	0	0
4612	7.647e+004	2814	0	0
4613	7.647e+004	3517	0	0
4614	7.647e+004	4019	0	0
4615	7.647e+004	4421	0	0
4616	7.647e+004	4801	0	0
4617	7.647e+004	5526	0	0
4618	7.647e+004	6029	0	0
4619	7.647e+004	6531	0	0
4620	7.647e+004	7033	0	0
4621	7.647e+004	7736	0	0
4622	7.647e+004	7998	0	0
4623	7.647e+004	8550	0	0
4624	7.647e+004	9043	0	0
4625	7.647e+004	9545	0	0
4626	7.647e+004	1.005e+004	0	0
4627	7.647e+004	1.055e+004	0	0
4628	7.735e+004	-3720	0	0
4629	7.774e+004	-4439	0	0
4630	7.774e+004	-3189	0	0
4631	7.774e+004	-2699	0	0
4632	7.774e+004	-2199	0	0
4633	7.774e+004	-1699	0	0
4634	7.774e+004	-1200	0	0
4635	7.774e+004	-438.1	0	0
4636	7.774e+004	32.14	0	0
4637	7.774e+004	502.4	0	0
4638	7.774e+004	934.8	0	0
4639	7.774e+004	1367	0	0
4640	7.774e+004	1801	0	0
4641	7.774e+004	2550	0	0
4642	7.774e+004	2814	0	0
4643	7.774e+004	3517	0	0
4644	7.774e+004	4019	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4645	7.774e+004	4421	0	0
4646	7.774e+004	4801	0	0
4647	7.774e+004	5526	0	0
4648	7.774e+004	6029	0	0
4649	7.774e+004	6531	0	0
4650	7.774e+004	7033	0	0
4651	7.774e+004	7736	0	0
4652	7.774e+004	7998	0	0
4653	7.774e+004	8550	0	0
4654	7.774e+004	9043	0	0
4655	7.774e+004	9545	0	0
4656	7.774e+004	1.005e+004	0	0
4657	7.774e+004	1.055e+004	0	0
4658	7.9e+004	-4689	0	0
4659	7.9e+004	-3189	0	0
4660	7.9e+004	-2699	0	0
4661	7.9e+004	-2199	0	0
4662	7.9e+004	-1699	0	0
4663	7.9e+004	-1200	0	0
4664	7.9e+004	-438.1	0	0
4665	7.9e+004	32.14	0	0
4666	7.9e+004	502.4	0	0
4667	7.9e+004	934.8	0	0
4668	7.9e+004	1367	0	0
4669	7.9e+004	1801	0	0
4670	7.9e+004	2550	0	0
4671	7.9e+004	2814	0	0
4672	7.9e+004	3517	0	0
4673	7.9e+004	4019	0	0
4674	7.9e+004	4421	0	0
4675	7.9e+004	4801	0	0
4676	7.9e+004	5526	0	0
4677	7.9e+004	6029	0	0
4678	7.9e+004	6531	0	0
4679	7.9e+004	7033	0	0
4680	7.9e+004	7736	0	0
4681	7.9e+004	7998	0	0
4682	7.9e+004	8550	0	0
4683	7.9e+004	9043	0	0
4684	7.9e+004	9545	0	0
4685	7.9e+004	1.005e+004	0	0
4686	7.9e+004	1.055e+004	0	0
4687	8.026e+004	-3189	0	0
4688	8.026e+004	-2699	0	0
4689	8.026e+004	-2199	0	0
4690	8.026e+004	-1699	0	0
4691	8.026e+004	-1200	0	0
4692	8.026e+004	-438.1	0	0
4693	8.026e+004	32.14	0	0
4694	8.026e+004	502.4	0	0
4695	8.026e+004	934.8	0	0
4696	8.026e+004	1367	0	0
4697	8.026e+004	1801	0	0
4698	8.026e+004	2550	0	0
4699	8.026e+004	2814	0	0
4700	8.026e+004	3517	0	0
4701	8.026e+004	4019	0	0
4702	8.026e+004	4421	0	0
4703	8.026e+004	4801	0	0
4704	8.026e+004	5526	0	0
4705	8.026e+004	6029	0	0
4706	8.026e+004	6531	0	0
4707	8.026e+004	7033	0	0
4708	8.026e+004	7736	0	0
4709	8.026e+004	7998	0	0
4710	8.026e+004	8550	0	0
4711	8.026e+004	9043	0	0
4712	8.026e+004	9545	0	0
4713	8.026e+004	1.005e+004	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4714	8.026e+004	1.055e+004	0	0
4715	8.042e+004	-4781	0	0
4717	8.153e+004	-3189	0	0
4718	8.153e+004	-2699	0	0
4719	8.153e+004	-2199	0	0
4720	8.153e+004	-1699	0	0
4721	8.153e+004	-1200	0	0
4722	8.153e+004	-438.1	0	0
4723	8.153e+004	32.14	0	0
4724	8.153e+004	502.4	0	0
4725	8.153e+004	934.8	0	0
4726	8.153e+004	1367	0	0
4727	8.153e+004	1801	0	0
4728	8.153e+004	2550	0	0
4729	8.153e+004	2814	0	0
4730	8.153e+004	3517	0	0
4731	8.153e+004	4019	0	0
4732	8.153e+004	4421	0	0
4733	8.153e+004	4801	0	0
4734	8.153e+004	5526	0	0
4735	8.153e+004	6029	0	0
4736	8.153e+004	6531	0	0
4737	8.153e+004	7033	0	0
4738	8.153e+004	7736	0	0
4739	8.153e+004	7998	0	0
4740	8.153e+004	8550	0	0
4741	8.153e+004	9043	0	0
4742	8.153e+004	9545	0	0
4743	8.153e+004	1.005e+004	0	0
4744	8.153e+004	1.055e+004	0	0
4745	8.168e+004	-4882	0	0
4746	8.16e+004	-4036	0	0
4747	8.279e+004	-3189	0	0
4748	8.279e+004	-2699	0	0
4749	8.279e+004	-2199	0	0
4750	8.279e+004	-1699	0	0
4751	8.279e+004	-1200	0	0
4752	8.279e+004	-438.1	0	0
4753	8.279e+004	32.14	0	0
4754	8.279e+004	502.4	0	0
4755	8.279e+004	934.8	0	0
4756	8.279e+004	1367	0	0
4757	8.279e+004	1801	0	0
4758	8.279e+004	2550	0	0
4759	8.279e+004	2814	0	0
4760	8.279e+004	3517	0	0
4761	8.279e+004	4019	0	0
4762	8.279e+004	4421	0	0
4763	8.279e+004	4801	0	0
4764	8.279e+004	5526	0	0
4765	8.279e+004	6029	0	0
4766	8.279e+004	6531	0	0
4767	8.279e+004	7033	0	0
4768	8.279e+004	7736	0	0
4769	8.279e+004	7998	0	0
4770	8.279e+004	8550	0	0
4771	8.279e+004	9043	0	0
4772	8.279e+004	9545	0	0
4773	8.279e+004	1.005e+004	0	0
4774	8.279e+004	1.055e+004	0	0
4775	8.294e+004	-4983	0	0
4776	8.294e+004	-3483	0	0
4777	8.405e+004	-3189	0	0
4779	8.405e+004	-2699	0	0
4780	8.405e+004	-2199	0	0
4781	8.405e+004	-1699	0	0
4782	8.405e+004	-1200	0	0
4783	8.405e+004	-438.1	0	0
4784	8.405e+004	32.14	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4785	8.405e+004	502.4	0	0
4786	8.405e+004	934.8	0	0
4787	8.405e+004	1367	0	0
4788	8.405e+004	1801	0	0
4789	8.405e+004	2550	0	0
4790	8.405e+004	2814	0	0
4791	8.405e+004	3517	0	0
4792	8.405e+004	4019	0	0
4793	8.405e+004	4421	0	0
4794	8.405e+004	4801	0	0
4795	8.405e+004	5526	0	0
4796	8.405e+004	6029	0	0
4797	8.405e+004	6531	0	0
4798	8.405e+004	7033	0	0
4799	8.405e+004	7736	0	0
4800	8.405e+004	7998	0	0
4801	8.405e+004	8550	0	0
4802	8.405e+004	9043	0	0
4803	8.405e+004	9545	0	0
4804	8.405e+004	1.005e+004	0	0
4805	8.405e+004	1.055e+004	0	0
4806	8.419e+004	-5084	0	0
4807	8.419e+004	-3584	0	0
4808	8.531e+004	-3189	0	0
4810	8.531e+004	-2699	0	0
4811	8.531e+004	-2199	0	0
4812	8.531e+004	-1699	0	0
4813	8.531e+004	-1200	0	0
4814	8.531e+004	-438.1	0	0
4815	8.531e+004	32.14	0	0
4816	8.531e+004	502.4	0	0
4817	8.531e+004	934.8	0	0
4818	8.531e+004	1367	0	0
4819	8.531e+004	1801	0	0
4820	8.531e+004	2550	0	0
4821	8.531e+004	2814	0	0
4822	8.531e+004	3517	0	0
4823	8.531e+004	4019	0	0
4824	8.531e+004	4421	0	0
4825	8.531e+004	4801	0	0
4826	8.531e+004	5526	0	0
4827	8.531e+004	6029	0	0
4828	8.531e+004	6531	0	0
4829	8.531e+004	7033	0	0
4830	8.531e+004	7736	0	0
4831	8.531e+004	7998	0	0
4832	8.531e+004	8550	0	0
4833	8.531e+004	9043	0	0
4834	8.531e+004	9545	0	0
4835	8.531e+004	1.005e+004	0	0
4836	8.531e+004	1.055e+004	0	0
4837	8.545e+004	-5186	0	0
4838	8.545e+004	-3686	0	0
4839	8.658e+004	-3189	0	0
4840	8.658e+004	-2699	0	0
4841	8.658e+004	-2199	0	0
4842	8.658e+004	-1699	0	0
4843	8.658e+004	-1200	0	0
4844	8.658e+004	-438.1	0	0
4845	8.658e+004	32.14	0	0
4846	8.658e+004	502.4	0	0
4847	8.658e+004	934.8	0	0
4848	8.658e+004	1367	0	0
4849	8.658e+004	1801	0	0
4850	8.658e+004	2550	0	0
4851	8.658e+004	2814	0	0
4852	8.658e+004	3517	0	0
4853	8.658e+004	4019	0	0
4854	8.658e+004	4421	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4855	8.658e+004	4801	0	0
4856	8.658e+004	5526	0	0
4857	8.658e+004	6029	0	0
4858	8.658e+004	6531	0	0
4859	8.658e+004	7033	0	0
4860	8.658e+004	7736	0	0
4861	8.658e+004	7998	0	0
4862	8.658e+004	8550	0	0
4863	8.658e+004	9043	0	0
4864	8.658e+004	9545	0	0
4865	8.658e+004	1.005e+004	0	0
4866	8.658e+004	1.055e+004	0	0
4867	8.671e+004	-5287	0	0
4868	8.671e+004	-3787	0	0
4869	8.784e+004	-3189	0	0
4870	8.784e+004	-2699	0	0
4871	8.784e+004	-2199	0	0
4872	8.784e+004	-1699	0	0
4873	8.784e+004	-1200	0	0
4874	8.784e+004	-438.1	0	0
4875	8.784e+004	32.14	0	0
4876	8.784e+004	502.4	0	0
4877	8.784e+004	934.8	0	0
4878	8.784e+004	1367	0	0
4879	8.784e+004	1801	0	0
4880	8.784e+004	2550	0	0
4881	8.784e+004	2814	0	0
4882	8.784e+004	3517	0	0
4883	8.784e+004	4019	0	0
4884	8.784e+004	4421	0	0
4885	8.784e+004	4801	0	0
4886	8.784e+004	5526	0	0
4887	8.784e+004	6029	0	0
4888	8.784e+004	6531	0	0
4889	8.784e+004	7033	0	0
4890	8.784e+004	7736	0	0
4891	8.784e+004	7998	0	0
4892	8.784e+004	8550	0	0
4893	8.784e+004	9043	0	0
4894	8.784e+004	9545	0	0
4895	8.784e+004	1.005e+004	0	0
4896	8.784e+004	1.055e+004	0	0
4897	8.797e+004	-5388	0	0
4898	8.797e+004	-3888	0	0
4899	8.91e+004	-3510	0	0
4900	8.91e+004	-3189	0	0
4901	8.91e+004	-2699	0	0
4902	8.91e+004	-2199	0	0
4903	8.91e+004	-1699	0	0
4904	8.91e+004	-1200	0	0
4905	8.91e+004	-438.1	0	0
4906	8.91e+004	32.14	0	0
4907	8.91e+004	502.4	0	0
4908	8.91e+004	934.8	0	0
4909	8.91e+004	1367	0	0
4910	8.91e+004	1801	0	0
4911	8.91e+004	2550	0	0
4912	8.91e+004	2814	0	0
4913	8.91e+004	3517	0	0
4914	8.91e+004	4019	0	0
4915	8.91e+004	4421	0	0
4916	8.91e+004	4801	0	0
4917	8.91e+004	5526	0	0
4918	8.91e+004	6029	0	0
4919	8.91e+004	6531	0	0
4920	8.91e+004	7033	0	0
4921	8.91e+004	7736	0	0
4922	8.91e+004	7998	0	0
4923	8.91e+004	8550	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4924	8.91e+004	9043	0	0
4925	8.91e+004	9545	0	0
4926	8.91e+004	1.005e+004	0	0
4927	8.91e+004	1.055e+004	0	0
4928	8.923e+004	-5489	0	0
4929	8.923e+004	-3989	0	0
4930	9.036e+004	-3189	0	0
4931	9.036e+004	-2699	0	0
4932	9.036e+004	-2199	0	0
4933	9.036e+004	-1699	0	0
4934	9.036e+004	-1200	0	0
4935	9.036e+004	-438.1	0	0
4936	9.036e+004	32.14	0	0
4937	9.036e+004	502.4	0	0
4938	9.036e+004	934.8	0	0
4939	9.036e+004	1367	0	0
4940	9.036e+004	1801	0	0
4941	9.036e+004	2550	0	0
4942	9.036e+004	2814	0	0
4943	9.036e+004	3517	0	0
4944	9.036e+004	4019	0	0
4945	9.036e+004	4421	0	0
4946	9.036e+004	4801	0	0
4947	9.036e+004	5526	0	0
4948	9.036e+004	6029	0	0
4949	9.036e+004	6531	0	0
4950	9.036e+004	7033	0	0
4951	9.036e+004	7736	0	0
4952	9.036e+004	7998	0	0
4953	9.036e+004	8550	0	0
4954	9.036e+004	9043	0	0
4955	9.036e+004	9545	0	0
4956	9.036e+004	1.005e+004	0	0
4957	9.036e+004	1.055e+004	0	0
4958	9.042e+004	-5575	0	0
4959	9.049e+004	-4091	0	0
4960	9.163e+004	-3189	0	0
4961	9.163e+004	-2699	0	0
4962	9.163e+004	-2199	0	0
4963	9.163e+004	-1699	0	0
4964	9.163e+004	-1200	0	0
4965	9.163e+004	-438.1	0	0
4966	9.163e+004	32.14	0	0
4967	9.163e+004	502.4	0	0
4968	9.163e+004	934.8	0	0
4969	9.163e+004	1367	0	0
4970	9.163e+004	1801	0	0
4971	9.163e+004	2550	0	0
4972	9.163e+004	2814	0	0
4973	9.163e+004	3517	0	0
4974	9.163e+004	4019	0	0
4975	9.163e+004	4421	0	0
4976	9.163e+004	4801	0	0
4977	9.163e+004	5526	0	0
4978	9.163e+004	6029	0	0
4979	9.163e+004	6531	0	0
4980	9.163e+004	7033	0	0
4981	9.163e+004	7736	0	0
4982	9.163e+004	7998	0	0
4983	9.163e+004	8550	0	0
4984	9.163e+004	9043	0	0
4985	9.163e+004	9545	0	0
4986	9.163e+004	1.005e+004	0	0
4987	9.163e+004	1.055e+004	0	0
4988	9.175e+004	-5692	0	0
4989	9.175e+004	-4192	0	0
4990	9.289e+004	-3189	0	0
4991	9.289e+004	-2699	0	0
4992	9.289e+004	-2199	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

4993	9.289e+004	-1699	0	0
4994	9.289e+004	-1200	0	0
4995	9.289e+004	-438.1	0	0
4996	9.289e+004	32.14	0	0
4997	9.289e+004	502.4	0	0
4998	9.289e+004	934.8	0	0
4999	9.289e+004	1367	0	0
5000	9.289e+004	1801	0	0
5001	9.289e+004	2550	0	0
5002	9.289e+004	2814	0	0
5003	9.289e+004	3517	0	0
5004	9.289e+004	4019	0	0
5005	9.289e+004	4421	0	0
5006	9.289e+004	4801	0	0
5007	9.289e+004	5526	0	0
5008	9.289e+004	6029	0	0
5009	9.289e+004	6531	0	0
5010	9.289e+004	7033	0	0
5011	9.289e+004	7736	0	0
5012	9.289e+004	7998	0	0
5013	9.289e+004	8550	0	0
5014	9.289e+004	9043	0	0
5015	9.289e+004	9545	0	0
5016	9.289e+004	1.005e+004	0	0
5017	9.289e+004	1.055e+004	0	0
5018	9.3e+004	-5793	0	0
5019	9.3e+004	-4293	0	0
5020	9.415e+004	-3189	0	0
5021	9.415e+004	-2699	0	0
5022	9.415e+004	-2199	0	0
5023	9.415e+004	-1699	0	0
5024	9.415e+004	-1200	0	0
5025	9.415e+004	-438.1	0	0
5026	9.415e+004	32.14	0	0
5027	9.415e+004	502.4	0	0
5028	9.415e+004	934.8	0	0
5029	9.415e+004	1367	0	0
5030	9.415e+004	1801	0	0
5031	9.415e+004	2550	0	0
5032	9.415e+004	2814	0	0
5033	9.415e+004	3517	0	0
5034	9.415e+004	4019	0	0
5035	9.415e+004	4421	0	0
5036	9.415e+004	4801	0	0
5037	9.415e+004	5526	0	0
5038	9.415e+004	6029	0	0
5039	9.415e+004	6531	0	0
5040	9.415e+004	7033	0	0
5041	9.415e+004	7736	0	0
5042	9.415e+004	7998	0	0
5043	9.415e+004	8550	0	0
5044	9.415e+004	9043	0	0
5045	9.415e+004	9545	0	0
5046	9.415e+004	1.005e+004	0	0
5047	9.415e+004	1.055e+004	0	0
5048	9.426e+004	-5894	0	0
5049	9.426e+004	-4394	0	0
5050	9.43e+004	-3876	0	0
5051	9.541e+004	-3189	0	0
5052	9.541e+004	-2699	0	0
5053	9.541e+004	-2199	0	0
5054	9.541e+004	-1699	0	0
5055	9.541e+004	-1200	0	0
5056	9.541e+004	-438.1	0	0
5057	9.541e+004	32.14	0	0
5058	9.541e+004	502.4	0	0
5059	9.541e+004	934.8	0	0
5060	9.541e+004	1367	0	0
5061	9.541e+004	1801	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5062	9.541e+004	2550	0	0
5063	9.541e+004	2814	0	0
5064	9.541e+004	3517	0	0
5065	9.541e+004	4019	0	0
5066	9.541e+004	4421	0	0
5067	9.541e+004	4801	0	0
5068	9.541e+004	5526	0	0
5069	9.541e+004	6029	0	0
5070	9.541e+004	6531	0	0
5071	9.541e+004	7033	0	0
5072	9.541e+004	7736	0	0
5073	9.541e+004	7998	0	0
5074	9.541e+004	8550	0	0
5075	9.541e+004	9043	0	0
5076	9.541e+004	9545	0	0
5077	9.541e+004	1.005e+004	0	0
5078	9.541e+004	1.055e+004	0	0
5079	9.552e+004	-5996	0	0
5080	9.552e+004	-4496	0	0
5081	9.668e+004	-3189	0	0
5082	9.668e+004	-2699	0	0
5083	9.668e+004	-2199	0	0
5084	9.668e+004	-1699	0	0
5085	9.668e+004	-1200	0	0
5086	9.668e+004	-438.1	0	0
5087	9.668e+004	32.14	0	0
5088	9.668e+004	502.4	0	0
5089	9.668e+004	934.8	0	0
5090	9.668e+004	1367	0	0
5091	9.668e+004	1801	0	0
5092	9.668e+004	2550	0	0
5093	9.668e+004	2814	0	0
5094	9.668e+004	3517	0	0
5095	9.668e+004	4019	0	0
5096	9.668e+004	4421	0	0
5097	9.668e+004	4801	0	0
5098	9.668e+004	5526	0	0
5099	9.668e+004	6029	0	0
5100	9.668e+004	6531	0	0
5101	9.668e+004	7033	0	0
5102	9.668e+004	7736	0	0
5103	9.668e+004	7998	0	0
5104	9.668e+004	8550	0	0
5105	9.668e+004	9043	0	0
5106	9.668e+004	9545	0	0
5107	9.668e+004	1.005e+004	0	0
5108	9.668e+004	1.055e+004	0	0
5109	9.678e+004	-6097	0	0
5110	9.678e+004	-4597	0	0
5111	9.794e+004	-3189	0	0
5112	9.794e+004	-2699	0	0
5113	9.794e+004	-2199	0	0
5114	9.794e+004	-1699	0	0
5115	9.794e+004	-1200	0	0
5116	9.794e+004	-438.1	0	0
5117	9.794e+004	32.14	0	0
5118	9.794e+004	502.4	0	0
5119	9.794e+004	934.8	0	0
5120	9.794e+004	1367	0	0
5121	9.794e+004	1801	0	0
5122	9.794e+004	2550	0	0
5123	9.794e+004	2814	0	0
5124	9.794e+004	3517	0	0
5125	9.794e+004	4019	0	0
5126	9.794e+004	4421	0	0
5127	9.794e+004	4801	0	0
5128	9.794e+004	5526	0	0
5129	9.794e+004	6029	0	0
5130	9.794e+004	6531	0	0

PROJECT TITLE :

	Company	Client		
	Author	File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5131	9.794e+004	7033	0	0
5132	9.794e+004	7736	0	0
5133	9.794e+004	7998	0	0
5134	9.794e+004	8550	0	0
5135	9.794e+004	9043	0	0
5136	9.794e+004	9545	0	0
5137	9.794e+004	1.005e+004	0	0
5138	9.794e+004	1.055e+004	0	0
5139	9.804e+004	-6198	0	0
5140	9.804e+004	-4698	0	0
5141	9.92e+004	-3189	0	0
5142	9.92e+004	-2699	0	0
5143	9.92e+004	-2199	0	0
5144	9.92e+004	-1699	0	0
5145	9.92e+004	-1200	0	0
5146	9.92e+004	-438.1	0	0
5147	9.92e+004	32.14	0	0
5148	9.92e+004	502.4	0	0
5149	9.92e+004	934.8	0	0
5150	9.92e+004	1367	0	0
5151	9.92e+004	1801	0	0
5152	9.92e+004	2550	0	0
5153	9.92e+004	2814	0	0
5154	9.92e+004	3517	0	0
5155	9.92e+004	4019	0	0
5156	9.92e+004	4421	0	0
5157	9.92e+004	4801	0	0
5158	9.92e+004	5526	0	0
5159	9.92e+004	6029	0	0
5160	9.92e+004	6531	0	0
5161	9.92e+004	7033	0	0
5162	9.92e+004	7736	0	0
5163	9.92e+004	7998	0	0
5164	9.92e+004	8550	0	0
5165	9.92e+004	9043	0	0
5166	9.92e+004	9545	0	0
5167	9.92e+004	1.005e+004	0	0
5168	9.92e+004	1.055e+004	0	0
5169	9.93e+004	-6299	0	0
5170	9.93e+004	-4799	0	0
5171	9.934e+004	-4281	0	0
5172	1.001e+005	-4117	0	0
5173	1.005e+005	-3189	0	0
5174	1.005e+005	-2699	0	0
5175	1.005e+005	-2199	0	0
5176	1.005e+005	-1699	0	0
5177	1.005e+005	-1200	0	0
5178	1.005e+005	-438.1	0	0
5179	1.005e+005	32.14	0	0
5180	1.005e+005	502.4	0	0
5181	1.005e+005	934.8	0	0
5182	1.005e+005	1367	0	0
5183	1.005e+005	1801	0	0
5184	1.005e+005	2550	0	0
5185	1.005e+005	2814	0	0
5186	1.005e+005	3517	0	0
5187	1.005e+005	4019	0	0
5188	1.005e+005	4421	0	0
5189	1.005e+005	4801	0	0
5190	1.005e+005	5526	0	0
5191	1.005e+005	6029	0	0
5192	1.005e+005	6531	0	0
5193	1.005e+005	7033	0	0
5194	1.005e+005	7736	0	0
5195	1.005e+005	7998	0	0
5196	1.005e+005	8550	0	0
5197	1.005e+005	9043	0	0
5198	1.005e+005	9545	0	0
5199	1.005e+005	1.005e+004	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5200	1.005e+005	1.055e+004	0	0
5201	1.006e+005	-6401	0	0
5202	1.006e+005	-4901	0	0
5203	1.01e+005	-3949	0	0
5204	1.017e+005	-4200	0	0
5205	1.017e+005	-3710	0	0
5206	1.017e+005	-3460	0	0
5207	1.017e+005	-3189	0	0
5208	1.017e+005	-2699	0	0
5209	1.017e+005	-2199	0	0
5210	1.017e+005	-1699	0	0
5211	1.017e+005	-1200	0	0
5212	1.017e+005	-438.1	0	0
5213	1.017e+005	32.14	0	0
5214	1.017e+005	502.4	0	0
5215	1.017e+005	934.8	0	0
5216	1.017e+005	1367	0	0
5217	1.017e+005	1801	0	0
5218	1.017e+005	2550	0	0
5219	1.017e+005	2814	0	0
5220	1.017e+005	3517	0	0
5221	1.017e+005	4019	0	0
5222	1.017e+005	4421	0	0
5223	1.017e+005	4801	0	0
5224	1.017e+005	5526	0	0
5225	1.017e+005	6029	0	0
5226	1.017e+005	6531	0	0
5227	1.017e+005	7033	0	0
5228	1.017e+005	7736	0	0
5229	1.017e+005	7998	0	0
5230	1.017e+005	8550	0	0
5231	1.017e+005	9043	0	0
5232	1.017e+005	9545	0	0
5233	1.017e+005	1.005e+004	0	0
5234	1.017e+005	1.055e+004	0	0
5235	1.018e+005	-6502	0	0
5236	1.018e+005	-5002	0	0
5237	1.03e+005	-4200	0	0
5238	1.03e+005	-3710	0	0
5239	1.03e+005	-3460	0	0
5240	1.03e+005	-3189	0	0
5241	1.03e+005	-2699	0	0
5242	1.03e+005	-2199	0	0
5243	1.03e+005	-1699	0	0
5244	1.03e+005	-1200	0	0
5245	1.03e+005	-438.1	0	0
5246	1.03e+005	32.14	0	0
5247	1.03e+005	502.4	0	0
5248	1.03e+005	934.8	0	0
5249	1.03e+005	1367	0	0
5250	1.03e+005	1801	0	0
5251	1.03e+005	2550	0	0
5252	1.03e+005	2814	0	0
5253	1.03e+005	3517	0	0
5254	1.03e+005	4019	0	0
5255	1.03e+005	4421	0	0
5256	1.03e+005	4801	0	0
5257	1.03e+005	5526	0	0
5258	1.03e+005	6029	0	0
5259	1.03e+005	6531	0	0
5260	1.03e+005	7033	0	0
5261	1.03e+005	7736	0	0
5262	1.03e+005	7998	0	0
5263	1.03e+005	8550	0	0
5264	1.03e+005	9043	0	0
5265	1.03e+005	9545	0	0
5266	1.03e+005	1.005e+004	0	0
5267	1.03e+005	1.055e+004	0	0
5268	1.031e+005	-6603	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5269	1.031e+005	-5103	0	0
5270	1.043e+005	-4200	0	0
5271	1.043e+005	-3710	0	0
5272	1.043e+005	-3460	0	0
5273	1.043e+005	-3189	0	0
5274	1.043e+005	-2699	0	0
5275	1.043e+005	-2199	0	0
5276	1.043e+005	-1699	0	0
5277	1.043e+005	-1200	0	0
5278	1.043e+005	-438.1	0	0
5279	1.043e+005	32.14	0	0
5280	1.043e+005	502.4	0	0
5281	1.043e+005	934.8	0	0
5282	1.043e+005	1367	0	0
5283	1.043e+005	1801	0	0
5284	1.043e+005	2550	0	0
5285	1.043e+005	2814	0	0
5286	1.043e+005	3517	0	0
5287	1.043e+005	4019	0	0
5288	1.043e+005	4421	0	0
5289	1.043e+005	4801	0	0
5290	1.043e+005	5526	0	0
5291	1.043e+005	6029	0	0
5292	1.043e+005	6531	0	0
5293	1.043e+005	7033	0	0
5294	1.043e+005	7736	0	0
5295	1.043e+005	7998	0	0
5296	1.043e+005	8550	0	0
5297	1.043e+005	9043	0	0
5298	1.043e+005	9545	0	0
5299	1.043e+005	1.005e+004	0	0
5300	1.043e+005	1.055e+004	0	0
5301	1.043e+005	-6704	0	0
5302	1.043e+005	-5204	0	0
5303	1.044e+005	-4686	0	0
5304	1.055e+005	-4200	0	0
5305	1.055e+005	-3710	0	0
5306	1.055e+005	-3460	0	0
5307	1.055e+005	-3189	0	0
5308	1.055e+005	-2699	0	0
5309	1.055e+005	-2199	0	0
5310	1.055e+005	-1699	0	0
5311	1.055e+005	-1200	0	0
5312	1.055e+005	-438.1	0	0
5313	1.055e+005	32.14	0	0
5314	1.055e+005	502.4	0	0
5315	1.055e+005	934.8	0	0
5316	1.055e+005	1367	0	0
5317	1.055e+005	1801	0	0
5318	1.055e+005	2550	0	0
5319	1.055e+005	2814	0	0
5320	1.055e+005	3517	0	0
5321	1.055e+005	4019	0	0
5322	1.055e+005	4421	0	0
5323	1.055e+005	4801	0	0
5324	1.055e+005	5526	0	0
5325	1.055e+005	6029	0	0
5326	1.055e+005	6531	0	0
5327	1.055e+005	7033	0	0
5328	1.055e+005	7736	0	0
5329	1.055e+005	7998	0	0
5330	1.055e+005	8550	0	0
5331	1.055e+005	9043	0	0
5332	1.055e+005	9545	0	0
5333	1.055e+005	1.005e+004	0	0
5334	1.055e+005	1.055e+004	0	0
5335	1.056e+005	-6806	0	0
5336	1.056e+005	-5306	0	0
5337	1.068e+005	-4200	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5338	1.068e+005	-3710	0	0
5339	1.068e+005	-3460	0	0
5340	1.068e+005	-3189	0	0
5341	1.068e+005	-2699	0	0
5342	1.068e+005	-2199	0	0
5343	1.068e+005	-1699	0	0
5344	1.068e+005	-1200	0	0
5345	1.068e+005	-438.1	0	0
5346	1.068e+005	32.14	0	0
5347	1.068e+005	502.4	0	0
5348	1.068e+005	934.8	0	0
5349	1.068e+005	1367	0	0
5350	1.068e+005	1801	0	0
5351	1.068e+005	2550	0	0
5352	1.068e+005	2814	0	0
5353	1.068e+005	3517	0	0
5354	1.068e+005	4019	0	0
5355	1.068e+005	4421	0	0
5356	1.068e+005	4801	0	0
5357	1.068e+005	5526	0	0
5358	1.068e+005	6029	0	0
5359	1.068e+005	6531	0	0
5360	1.068e+005	7033	0	0
5361	1.068e+005	7736	0	0
5362	1.068e+005	7998	0	0
5363	1.068e+005	8550	0	0
5364	1.068e+005	9043	0	0
5365	1.068e+005	9545	0	0
5366	1.068e+005	1.005e+004	0	0
5367	1.068e+005	1.055e+004	0	0
5368	1.068e+005	-6907	0	0
5369	1.068e+005	-5407	0	0
5370	1.08e+005	-4200	0	0
5371	1.08e+005	-3710	0	0
5372	1.08e+005	-3460	0	0
5373	1.08e+005	-3189	0	0
5374	1.08e+005	-2699	0	0
5375	1.08e+005	-2199	0	0
5376	1.08e+005	-1699	0	0
5377	1.08e+005	-1200	0	0
5378	1.08e+005	-438.1	0	0
5379	1.08e+005	32.14	0	0
5380	1.08e+005	502.4	0	0
5381	1.08e+005	934.8	0	0
5382	1.08e+005	1367	0	0
5383	1.08e+005	1801	0	0
5384	1.08e+005	2550	0	0
5385	1.08e+005	2814	0	0
5386	1.08e+005	3517	0	0
5387	1.08e+005	4019	0	0
5388	1.08e+005	4421	0	0
5389	1.08e+005	4801	0	0
5390	1.08e+005	5526	0	0
5391	1.08e+005	6029	0	0
5392	1.08e+005	6531	0	0
5393	1.08e+005	7033	0	0
5394	1.08e+005	7736	0	0
5395	1.08e+005	7998	0	0
5396	1.08e+005	8550	0	0
5397	1.08e+005	9043	0	0
5398	1.08e+005	9545	0	0
5399	1.08e+005	1.005e+004	0	0
5400	1.08e+005	1.055e+004	0	0
5401	1.081e+005	-7008	0	0
5402	1.081e+005	-5508	0	0
5403	1.093e+005	-4200	0	0
5404	1.093e+005	-3710	0	0
5405	1.093e+005	-3460	0	0
5406	1.093e+005	-3189	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5407	1.093e+005	-2699	0	0
5408	1.093e+005	-2199	0	0
5409	1.093e+005	-1699	0	0
5410	1.093e+005	-1200	0	0
5411	1.093e+005	-438.1	0	0
5412	1.093e+005	32.14	0	0
5413	1.093e+005	502.4	0	0
5414	1.093e+005	934.8	0	0
5415	1.093e+005	1367	0	0
5416	1.093e+005	1801	0	0
5417	1.093e+005	2550	0	0
5418	1.093e+005	2814	0	0
5419	1.093e+005	3517	0	0
5420	1.093e+005	4019	0	0
5421	1.093e+005	4421	0	0
5422	1.093e+005	4801	0	0
5423	1.093e+005	5526	0	0
5424	1.093e+005	6029	0	0
5425	1.093e+005	6531	0	0
5426	1.093e+005	7033	0	0
5427	1.093e+005	7736	0	0
5428	1.093e+005	7998	0	0
5429	1.093e+005	8550	0	0
5430	1.093e+005	9043	0	0
5431	1.093e+005	9545	0	0
5432	1.093e+005	1.005e+004	0	0
5433	1.093e+005	1.055e+004	0	0
5434	1.094e+005	-7109	0	0
5435	1.094e+005	-5609	0	0
5436	1.094e+005	-5091	0	0
5437	1.106e+005	-4200	0	0
5438	1.106e+005	-3710	0	0
5439	1.106e+005	-3460	0	0
5440	1.106e+005	-3189	0	0
5441	1.106e+005	-2699	0	0
5442	1.106e+005	-2199	0	0
5443	1.106e+005	-1699	0	0
5444	1.106e+005	-1200	0	0
5445	1.106e+005	-438.1	0	0
5446	1.106e+005	32.14	0	0
5447	1.106e+005	502.4	0	0
5448	1.106e+005	934.8	0	0
5449	1.106e+005	1367	0	0
5450	1.106e+005	1801	0	0
5451	1.106e+005	2550	0	0
5452	1.106e+005	2814	0	0
5453	1.106e+005	3517	0	0
5454	1.106e+005	4019	0	0
5455	1.106e+005	4421	0	0
5456	1.106e+005	4801	0	0
5457	1.106e+005	5526	0	0
5458	1.106e+005	6029	0	0
5459	1.106e+005	6531	0	0
5460	1.106e+005	7033	0	0
5461	1.106e+005	7736	0	0
5462	1.106e+005	7998	0	0
5463	1.106e+005	8550	0	0
5464	1.106e+005	9043	0	0
5465	1.106e+005	9545	0	0
5466	1.106e+005	1.005e+004	0	0
5467	1.106e+005	1.055e+004	0	0
5468	1.106e+005	-7211	0	0
5469	1.106e+005	-5711	0	0
5470	1.118e+005	-4200	0	0
5471	1.118e+005	-3710	0	0
5472	1.118e+005	-3460	0	0
5473	1.118e+005	-3189	0	0
5474	1.118e+005	-2699	0	0
5475	1.118e+005	-2199	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5476	1.118e+005	-1699	0	0
5477	1.118e+005	-1200	0	0
5478	1.118e+005	-438.1	0	0
5479	1.118e+005	32.14	0	0
5480	1.118e+005	502.4	0	0
5481	1.118e+005	934.8	0	0
5482	1.118e+005	1367	0	0
5483	1.118e+005	1801	0	0
5484	1.118e+005	2550	0	0
5485	1.118e+005	2814	0	0
5486	1.118e+005	3517	0	0
5487	1.118e+005	4019	0	0
5488	1.118e+005	4421	0	0
5489	1.118e+005	4801	0	0
5490	1.118e+005	5526	0	0
5491	1.118e+005	6029	0	0
5492	1.118e+005	6531	0	0
5493	1.118e+005	7033	0	0
5494	1.118e+005	7736	0	0
5495	1.118e+005	7998	0	0
5496	1.118e+005	8550	0	0
5497	1.118e+005	9043	0	0
5498	1.118e+005	9545	0	0
5499	1.118e+005	1.005e+004	0	0
5500	1.118e+005	1.055e+004	0	0
5501	1.119e+005	-7312	0	0
5502	1.119e+005	-5812	0	0
5503	1.131e+005	-4200	0	0
5504	1.131e+005	-3710	0	0
5505	1.131e+005	-3460	0	0
5506	1.131e+005	-3189	0	0
5507	1.131e+005	-2699	0	0
5508	1.131e+005	-2199	0	0
5509	1.131e+005	-1699	0	0
5510	1.131e+005	-1200	0	0
5511	1.131e+005	-438.1	0	0
5512	1.131e+005	32.14	0	0
5513	1.131e+005	502.4	0	0
5514	1.131e+005	934.8	0	0
5515	1.131e+005	1367	0	0
5516	1.131e+005	1801	0	0
5517	1.131e+005	2550	0	0
5518	1.131e+005	2814	0	0
5519	1.131e+005	3517	0	0
5520	1.131e+005	4019	0	0
5521	1.131e+005	4421	0	0
5522	1.131e+005	4801	0	0
5523	1.131e+005	5526	0	0
5524	1.131e+005	6029	0	0
5525	1.131e+005	6531	0	0
5526	1.131e+005	7033	0	0
5527	1.131e+005	7736	0	0
5528	1.131e+005	7998	0	0
5529	1.131e+005	8550	0	0
5530	1.131e+005	9043	0	0
5531	1.131e+005	9545	0	0
5532	1.131e+005	1.005e+004	0	0
5533	1.131e+005	1.055e+004	0	0
5534	1.131e+005	-7413	0	0
5535	1.131e+005	-5913	0	0
5536	1.137e+005	-5090	0	0
5537	1.143e+005	-4200	0	0
5538	1.143e+005	-3710	0	0
5539	1.143e+005	-3460	0	0
5540	1.143e+005	-3189	0	0
5541	1.143e+005	-2699	0	0
5542	1.143e+005	-2199	0	0
5543	1.143e+005	-1699	0	0
5544	1.143e+005	-1200	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5545	1.143e+005	-438.1	0	0
5546	1.143e+005	32.14	0	0
5547	1.143e+005	502.4	0	0
5548	1.143e+005	934.8	0	0
5549	1.143e+005	1367	0	0
5550	1.143e+005	1801	0	0
5551	1.143e+005	2550	0	0
5552	1.143e+005	2814	0	0
5553	1.143e+005	3517	0	0
5554	1.143e+005	4019	0	0
5555	1.143e+005	4421	0	0
5556	1.143e+005	4801	0	0
5557	1.143e+005	5526	0	0
5558	1.143e+005	6029	0	0
5559	1.143e+005	6531	0	0
5560	1.143e+005	7033	0	0
5561	1.143e+005	7736	0	0
5562	1.143e+005	7998	0	0
5563	1.143e+005	8550	0	0
5564	1.143e+005	9043	0	0
5565	1.143e+005	9545	0	0
5566	1.143e+005	1.005e+004	0	0
5567	1.143e+005	1.055e+004	0	0
5568	1.144e+005	-7514	0	0
5569	1.144e+005	-6014	0	0
5570	1.144e+005	-5496	0	0
5571	1.145e+005	-4957	0	0
5572	1.155e+005	-5203	0	0
5573	1.156e+005	-4200	0	0
5574	1.156e+005	-3710	0	0
5575	1.156e+005	-3460	0	0
5576	1.156e+005	-3189	0	0
5577	1.156e+005	-2699	0	0
5578	1.156e+005	-2199	0	0
5579	1.156e+005	-1699	0	0
5580	1.156e+005	-1200	0	0
5581	1.156e+005	-438.1	0	0
5582	1.156e+005	32.14	0	0
5583	1.156e+005	502.4	0	0
5584	1.156e+005	934.8	0	0
5585	1.156e+005	1367	0	0
5586	1.156e+005	1801	0	0
5587	1.156e+005	2550	0	0
5588	1.156e+005	2814	0	0
5589	1.156e+005	3517	0	0
5590	1.156e+005	4019	0	0
5591	1.156e+005	4421	0	0
5592	1.156e+005	4801	0	0
5593	1.156e+005	5526	0	0
5594	1.156e+005	6029	0	0
5595	1.156e+005	6531	0	0
5596	1.156e+005	7033	0	0
5597	1.156e+005	7736	0	0
5598	1.156e+005	7998	0	0
5599	1.156e+005	8550	0	0
5600	1.156e+005	9043	0	0
5601	1.156e+005	9545	0	0
5602	1.156e+005	1.005e+004	0	0
5603	1.156e+005	1.055e+004	0	0
5604	1.157e+005	-7616	0	0
5605	1.157e+005	-6116	0	0
5606	1.169e+005	-4200	0	0
5607	1.169e+005	-3710	0	0
5608	1.169e+005	-3460	0	0
5609	1.169e+005	-3189	0	0
5610	1.169e+005	-2699	0	0
5611	1.169e+005	-2199	0	0
5612	1.169e+005	-1699	0	0
5613	1.169e+005	-1200	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5614	1.169e+005	-438.1	0	0
5615	1.169e+005	32.14	0	0
5616	1.169e+005	502.4	0	0
5617	1.169e+005	934.8	0	0
5618	1.169e+005	1367	0	0
5619	1.169e+005	1801	0	0
5620	1.169e+005	2550	0	0
5621	1.169e+005	2814	0	0
5622	1.169e+005	3517	0	0
5623	1.169e+005	4019	0	0
5624	1.169e+005	4421	0	0
5625	1.169e+005	4801	0	0
5626	1.169e+005	5526	0	0
5627	1.169e+005	6029	0	0
5628	1.169e+005	6531	0	0
5629	1.169e+005	7033	0	0
5630	1.169e+005	7736	0	0
5631	1.169e+005	7998	0	0
5632	1.169e+005	8550	0	0
5633	1.169e+005	9043	0	0
5634	1.169e+005	9545	0	0
5635	1.169e+005	1.005e+004	0	0
5636	1.169e+005	1.055e+004	0	0
5637	1.169e+005	-7717	0	0
5638	1.169e+005	-6217	0	0
5639	1.17e+005	-5267	0	0
5640	1.181e+005	-4200	0	0
5641	1.181e+005	-3710	0	0
5642	1.181e+005	-3460	0	0
5643	1.181e+005	-3189	0	0
5644	1.181e+005	-2699	0	0
5645	1.181e+005	-2199	0	0
5646	1.181e+005	-1699	0	0
5647	1.181e+005	-1200	0	0
5648	1.181e+005	-438.1	0	0
5649	1.181e+005	32.14	0	0
5650	1.181e+005	502.4	0	0
5651	1.181e+005	934.8	0	0
5652	1.181e+005	1367	0	0
5653	1.181e+005	1801	0	0
5654	1.181e+005	2550	0	0
5655	1.181e+005	2814	0	0
5656	1.181e+005	3517	0	0
5657	1.181e+005	4019	0	0
5658	1.181e+005	4421	0	0
5659	1.181e+005	4801	0	0
5660	1.181e+005	5526	0	0
5661	1.181e+005	6029	0	0
5662	1.181e+005	6531	0	0
5663	1.181e+005	7033	0	0
5664	1.181e+005	7736	0	0
5665	1.181e+005	7998	0	0
5666	1.181e+005	8550	0	0
5667	1.181e+005	9043	0	0
5668	1.181e+005	9545	0	0
5669	1.181e+005	1.005e+004	0	0
5670	1.181e+005	1.055e+004	0	0
5671	1.182e+005	-7818	0	0
5672	1.182e+005	-6318	0	0
5673	1.186e+005	-5389	0	0
5674	1.194e+005	-4200	0	0
5675	1.194e+005	-3710	0	0
5676	1.194e+005	-3460	0	0
5677	1.194e+005	-3189	0	0
5678	1.194e+005	-2699	0	0
5679	1.194e+005	-2199	0	0
5680	1.194e+005	-1699	0	0
5681	1.194e+005	-1200	0	0
5682	1.194e+005	-438.1	0	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

5683	1.194e+005	32.14	0	0
5684	1.194e+005	502.4	0	0
5685	1.194e+005	934.8	0	0
5686	1.194e+005	1367	0	0
5687	1.194e+005	1801	0	0
5688	1.194e+005	2550	0	0
5689	1.194e+005	2814	0	0
5690	1.194e+005	3517	0	0
5691	1.194e+005	4019	0	0
5692	1.194e+005	4421	0	0
5693	1.194e+005	4801	0	0
5694	1.194e+005	5526	0	0
5695	1.194e+005	6029	0	0
5696	1.194e+005	6531	0	0
5697	1.194e+005	7033	0	0
5698	1.194e+005	7736	0	0
5699	1.194e+005	7998	0	0
5700	1.194e+005	8550	0	0
5701	1.194e+005	9043	0	0
5702	1.194e+005	9545	0	0
5703	1.194e+005	1.005e+004	0	0
5704	1.194e+005	1.055e+004	0	0
5705	1.194e+005	-5032	0	0
5706	1.194e+005	-7919	0	0
5707	1.194e+005	-6419	0	0
5708	1.195e+005	-5901	0	0
5709	1.204e+005	-5476	0	0
5710	1.207e+005	-4200	0	0
5711	1.207e+005	-3710	0	0
5712	1.207e+005	-3460	0	0
5713	1.207e+005	-3189	0	0
5714	1.207e+005	-2699	0	0
5715	1.207e+005	-2199	0	0
5716	1.207e+005	-1699	0	0
5717	1.207e+005	-1200	0	0
5718	1.207e+005	-438.1	0	0
5719	1.207e+005	32.14	0	0
5720	1.207e+005	502.4	0	0
5721	1.207e+005	934.8	0	0
5722	1.207e+005	1367	0	0
5723	1.207e+005	1801	0	0
5724	1.207e+005	2550	0	0
5725	1.207e+005	2814	0	0
5726	1.207e+005	3517	0	0
5727	1.207e+005	4019	0	0
5728	1.207e+005	4421	0	0
5729	1.207e+005	4801	0	0
5730	1.207e+005	5526	0	0
5731	1.207e+005	6029	0	0
5732	1.207e+005	6531	0	0
5733	1.207e+005	7033	0	0
5734	1.207e+005	7736	0	0
5735	1.207e+005	7998	0	0
5736	1.207e+005	8550	0	0
5737	1.207e+005	9043	0	0
5738	1.207e+005	9545	0	0
5739	1.207e+005	1.005e+004	0	0
5740	1.207e+005	1.055e+004	0	0
5741	1.207e+005	-8021	0	0
5742	1.207e+005	-6521	0	0
5743	1.218e+005	-5442	0	0
5744	1.219e+005	-4200	0	0
5745	1.219e+005	-3710	0	0
5746	1.219e+005	-3460	0	0
5747	1.219e+005	-3189	0	0
5748	1.219e+005	-2699	0	0
5749	1.219e+005	-2199	0	0
5750	1.219e+005	-1699	0	0
5751	1.219e+005	-1200	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5752	1.219e+005	-438.1	0	0
5753	1.219e+005	32.14	0	0
5754	1.219e+005	502.4	0	0
5755	1.219e+005	934.8	0	0
5756	1.219e+005	1367	0	0
5757	1.219e+005	1801	0	0
5758	1.219e+005	2550	0	0
5759	1.219e+005	2814	0	0
5760	1.219e+005	3517	0	0
5761	1.219e+005	4019	0	0
5762	1.219e+005	4421	0	0
5763	1.219e+005	4801	0	0
5764	1.219e+005	5526	0	0
5765	1.219e+005	6029	0	0
5766	1.219e+005	6531	0	0
5767	1.219e+005	7033	0	0
5768	1.219e+005	7736	0	0
5769	1.219e+005	7998	0	0
5770	1.219e+005	8550	0	0
5771	1.219e+005	9043	0	0
5772	1.219e+005	9545	0	0
5773	1.219e+005	1.005e+004	0	0
5774	1.219e+005	1.055e+004	0	0
5775	1.219e+005	-8122	0	0
5776	1.219e+005	-6622	0	0
5777	1.232e+005	-4200	0	0
5778	1.232e+005	-3710	0	0
5779	1.232e+005	-3460	0	0
5780	1.232e+005	-3189	0	0
5781	1.232e+005	-2699	0	0
5782	1.232e+005	-2199	0	0
5783	1.232e+005	-1699	0	0
5784	1.232e+005	-1200	0	0
5785	1.232e+005	-438.1	0	0
5786	1.232e+005	32.14	0	0
5787	1.232e+005	502.4	0	0
5788	1.232e+005	934.8	0	0
5789	1.232e+005	1367	0	0
5790	1.232e+005	1801	0	0
5791	1.232e+005	2550	0	0
5792	1.232e+005	2814	0	0
5793	1.232e+005	3517	0	0
5794	1.232e+005	4019	0	0
5795	1.232e+005	4421	0	0
5796	1.232e+005	4801	0	0
5797	1.232e+005	5526	0	0
5798	1.232e+005	6029	0	0
5799	1.232e+005	6531	0	0
5800	1.232e+005	7033	0	0
5801	1.232e+005	7736	0	0
5802	1.232e+005	7998	0	0
5803	1.232e+005	8550	0	0
5804	1.232e+005	9043	0	0
5805	1.232e+005	9545	0	0
5806	1.232e+005	1.005e+004	0	0
5807	1.232e+005	1.055e+004	0	0
5808	1.232e+005	-8223	0	0
5809	1.232e+005	-6723	0	0
5810	1.233e+005	-5478	0	0
5811	1.245e+005	-4200	0	0
5812	1.245e+005	-3710	0	0
5813	1.245e+005	-3460	0	0
5814	1.245e+005	-3189	0	0
5815	1.245e+005	-2699	0	0
5816	1.245e+005	-2199	0	0
5817	1.245e+005	-1699	0	0
5818	1.245e+005	-1200	0	0
5819	1.245e+005	-438.1	0	0
5820	1.245e+005	32.14	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl

5821	1.245e+005	502.4	0	0
5822	1.245e+005	934.8	0	0
5823	1.245e+005	1367	0	0
5824	1.245e+005	1801	0	0
5825	1.245e+005	2550	0	0
5826	1.245e+005	2814	0	0
5827	1.245e+005	3517	0	0
5828	1.245e+005	4019	0	0
5829	1.245e+005	4421	0	0
5830	1.245e+005	4801	0	0
5831	1.245e+005	5526	0	0
5832	1.245e+005	6029	0	0
5833	1.245e+005	6531	0	0
5834	1.245e+005	7033	0	0
5835	1.245e+005	7736	0	0
5836	1.245e+005	7998	0	0
5837	1.245e+005	8550	0	0
5838	1.245e+005	9043	0	0
5839	1.245e+005	9545	0	0
5840	1.245e+005	1.005e+004	0	0
5841	1.245e+005	1.055e+004	0	0
5842	1.245e+005	-8324	0	0
5843	1.245e+005	-6824	0	0
5844	1.245e+005	-6306	0	0
5845	1.245e+005	-5355	0	0
5846	1.257e+005	-4200	0	0
5847	1.257e+005	-3710	0	0
5848	1.257e+005	-3460	0	0
5849	1.257e+005	-3189	0	0
5850	1.257e+005	-2699	0	0
5851	1.257e+005	-2199	0	0
5852	1.257e+005	-1699	0	0
5853	1.257e+005	-1200	0	0
5854	1.257e+005	-438.1	0	0
5855	1.257e+005	32.14	0	0
5856	1.257e+005	502.4	0	0
5857	1.257e+005	934.8	0	0
5858	1.257e+005	1367	0	0
5859	1.257e+005	1801	0	0
5860	1.257e+005	2550	0	0
5861	1.257e+005	2814	0	0
5862	1.257e+005	3517	0	0
5863	1.257e+005	4019	0	0
5864	1.257e+005	4421	0	0
5865	1.257e+005	4801	0	0
5866	1.257e+005	5526	0	0
5867	1.257e+005	6029	0	0
5868	1.257e+005	6531	0	0
5869	1.257e+005	7033	0	0
5870	1.257e+005	7736	0	0
5871	1.257e+005	7998	0	0
5872	1.257e+005	8550	0	0
5873	1.257e+005	9043	0	0
5874	1.257e+005	9545	0	0
5875	1.257e+005	1.005e+004	0	0
5876	1.257e+005	1.055e+004	0	0
5877	1.257e+005	-8426	0	0
5878	1.257e+005	-6926	0	0
5879	1.259e+005	-5610	0	0
5880	1.269e+005	-5347	0	0
5881	1.27e+005	-6102	0	0
5882	1.27e+005	-4200	0	0
5883	1.27e+005	-3710	0	0
5884	1.27e+005	-3460	0	0
5885	1.27e+005	-3189	0	0
5886	1.27e+005	-2699	0	0
5887	1.27e+005	-2199	0	0
5888	1.27e+005	-1699	0	0
5889	1.27e+005	-1200	0	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

5890	1.27e+005	-438.1	0	0
5891	1.271e+005	32.14	0	0
5892	1.271e+005	502.4	0	0
5893	1.271e+005	934.8	0	0
5894	1.271e+005	1367	0	0
5895	1.271e+005	1801	0	0
5896	1.271e+005	2550	0	0
5897	1.271e+005	2814	0	0
5898	1.271e+005	3517	0	0
5899	1.271e+005	4019	0	0
5900	1.271e+005	4421	0	0
5901	1.271e+005	4801	0	0
5902	1.271e+005	5526	0	0
5903	1.271e+005	6029	0	0
5904	1.271e+005	6531	0	0
5905	1.271e+005	7033	0	0
5906	1.271e+005	7736	0	0
5907	1.271e+005	7998	0	0
5908	1.271e+005	8550	0	0
5909	1.271e+005	9043	0	0
5910	1.271e+005	9545	0	0
5911	1.271e+005	1.005e+004	0	0
5912	1.271e+005	1.055e+004	0	0
5913	1.27e+005	-8527	0	0
5914	1.27e+005	-7027	0	0
5915	1.278e+005	-5217	0	0
5916	1.279e+005	-6080	0	0
5917	1.28e+005	-4200	0	0
5918	1.28e+005	-3710	0	0
5919	1.28e+005	-3460	0	0
5920	1.28e+005	-3189	0	0
5921	1.28e+005	-2699	0	0
5922	1.28e+005	-2199	0	0
5923	1.28e+005	-1699	0	0
5924	1.28e+005	-1200	0	0
5925	1.28e+005	-438.1	0	0
5926	1.28e+005	32.14	0	0
5927	1.28e+005	502.4	0	0
5928	1.28e+005	934.8	0	0
5929	1.28e+005	1367	0	0
5930	1.28e+005	1801	0	0
5931	1.28e+005	2550	0	0
5932	1.28e+005	2814	0	0
5933	1.28e+005	3517	0	0
5934	1.28e+005	4019	0	0
5935	1.28e+005	4421	0	0
5936	1.28e+005	4801	0	0
5937	1.28e+005	5526	0	0
5938	1.28e+005	6029	0	0
5939	1.28e+005	6531	0	0
5940	1.28e+005	7033	0	0
5941	1.28e+005	7736	0	0
5942	1.28e+005	7998	0	0
5943	1.28e+005	8550	0	0
5944	1.28e+005	9043	0	0
5945	1.28e+005	9545	0	0
5946	1.28e+005	1.005e+004	0	0
5947	1.28e+005	1.055e+004	0	0
5948	1.28e+005	-8608	0	0
5949	1.28e+005	-7108	0	0
5950	1.29e+005	-8689	0	0
5951	1.29e+005	-7189	0	0
5952	1.29e+005	-5695	0	0
5953	1.29e+005	-4200	0	0
5954	1.29e+005	-3710	0	0
5955	1.29e+005	-3460	0	0
5956	1.29e+005	-3189	0	0
5957	1.29e+005	-2699	0	0
5958	1.29e+005	-2199	0	0

PROJECT TITLE :

	Company			Client	
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl

5959	1.29e+005	-1699	0	0
5960	1.29e+005	-1200	0	0
5961	1.29e+005	-438.1	0	0
5962	1.29e+005	32.14	0	0
5963	1.29e+005	502.4	0	0
5964	1.29e+005	934.8	0	0
5965	1.29e+005	1367	0	0
5966	1.29e+005	1801	0	0
5967	1.29e+005	2550	0	0
5968	1.29e+005	2814	0	0
5969	1.29e+005	3517	0	0
5970	1.29e+005	4019	0	0
5971	1.29e+005	4421	0	0
5972	1.29e+005	4801	0	0
5973	1.29e+005	5526	0	0
5974	1.29e+005	6029	0	0
5975	1.29e+005	6531	0	0
5976	1.29e+005	7033	0	0
5977	1.29e+005	7736	0	0
5978	1.29e+005	7998	0	0
5979	1.29e+005	8550	0	0
5980	1.29e+005	9043	0	0
5981	1.29e+005	9545	0	0
5982	1.29e+005	1.005e+004	0	0
5983	1.29e+005	1.055e+004	0	0
5984	1.29e+005	-6671	0	0
5985	1.3e+005	32.14	0	0
5986	1.3e+005	502.4	0	0
5987	1.3e+005	934.8	0	0
5988	1.3e+005	1367	0	0
5989	1.3e+005	1801	0	0
5990	1.3e+005	2550	0	0
5991	1.3e+005	2814	0	0
5992	1.3e+005	3517	0	0
5993	1.3e+005	4019	0	0
5994	1.3e+005	4421	0	0
5995	1.3e+005	4801	0	0
5996	1.3e+005	5526	0	0
5997	1.3e+005	6029	0	0
5998	1.3e+005	6531	0	0
5999	1.3e+005	7033	0	0
6000	1.3e+005	7736	0	0
6001	1.3e+005	7998	0	0
6002	1.3e+005	8550	0	0
6003	1.3e+005	9043	0	0
6004	1.3e+005	9545	0	0
6005	1.3e+005	1.005e+004	0	0
6006	1.3e+005	1.055e+004	0	0
6007	1.31e+005	32.14	0	0
6008	1.31e+005	502.4	0	0
6009	1.31e+005	934.8	0	0
6010	1.31e+005	1367	0	0
6011	1.31e+005	1801	0	0
6012	1.31e+005	2550	0	0
6013	1.31e+005	2814	0	0
6014	1.31e+005	3517	0	0
6015	1.31e+005	4019	0	0
6016	1.31e+005	4421	0	0
6017	1.31e+005	4801	0	0
6018	1.31e+005	5526	0	0
6019	1.31e+005	6029	0	0
6020	1.31e+005	6531	0	0
6021	1.31e+005	7033	0	0
6022	1.31e+005	7736	0	0
6023	1.31e+005	7998	0	0
6024	1.31e+005	8550	0	0
6025	1.31e+005	9043	0	0
6026	1.31e+005	9545	0	0
6027	1.31e+005	1.005e+004	0	0

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-IN.mdl


6028	1.31e+005	1.055e+004	0	0
6029	1.323e+005	32.14	0	0
6030	1.323e+005	502.4	0	0
6031	1.323e+005	934.8	0	0
6032	1.323e+005	1367	0	0
6033	1.323e+005	1801	0	0
6034	1.323e+005	2550	0	0
6035	1.323e+005	2814	0	0
6036	1.323e+005	3517	0	0
6037	1.323e+005	4019	0	0
6038	1.323e+005	4421	0	0
6039	1.323e+005	4801	0	0
6040	1.323e+005	5526	0	0
6041	1.323e+005	6029	0	0
6042	1.323e+005	6531	0	0
6043	1.323e+005	7033	0	0
6044	1.323e+005	7736	0	0
6045	1.323e+005	7998	0	0
6046	1.323e+005	8550	0	0
6047	1.323e+005	9043	0	0
6048	1.323e+005	9545	0	0
6049	1.323e+005	1.005e+004	0	0
6050	1.323e+005	1.055e+004	0	0
6051	1.28e+005	-6590	0	0
6052	9.92e+004	-3710	-3520	0
6053	1.043e+005	-3710	-3520	0
6054	1.093e+005	-3710	-3520	0
6055	1.144e+005	-3710	-3520	0
6056	1.194e+005	-3710	-3520	0
6057	1.245e+005	-3710	-3520	0
6058	1.29e+005	-3710	-3520	0
6059	9.92e+004	-3710	-2520	0
6060	1.043e+005	-3710	-2520	0
6061	1.093e+005	-3710	-2520	0
6062	1.144e+005	-3710	-2520	0
6063	1.194e+005	-3710	-2520	0
6064	1.245e+005	-3710	-2520	0
6065	1.29e+005	-3710	-2520	0
6066	9.92e+004	-3710	-1640	0
6067	1.043e+005	-3710	-1640	0
6068	1.093e+005	-3710	-1640	0
6069	1.144e+005	-3710	-1640	0
6070	1.194e+005	-3710	-1640	0
6071	1.245e+005	-3710	-1640	0
6072	1.29e+005	-3710	-1640	0
6073	9.92e+004	-3710	-760	0
6074	1.043e+005	-3710	-760	0
6075	1.093e+005	-3710	-760	0
6076	1.144e+005	-3710	-760	0
6077	1.194e+005	-3710	-760	0
6078	1.245e+005	-3710	-760	0
6079	1.29e+005	-3710	-760	0
6080	9.92e+004	-3680	0	0
6081	1.28e+005	-3710	-3520	0
6082	1.28e+005	-3710	-2520	0
6083	1.28e+005	-3710	-1640	0
6084	1.28e+005	-3710	-760	0
6085	1.27e+005	-3710	-3520	0
6086	1.27e+005	-3710	-2520	0
6087	1.27e+005	-3710	-1640	0
6088	1.27e+005	-3710	-760	0
6089	1.219e+005	-3710	-3520	0
6090	1.219e+005	-3710	-2520	0
6091	1.219e+005	-3710	-1640	0
6092	1.219e+005	-3710	-760	0
6093	1.169e+005	-3710	-3520	0
6094	1.169e+005	-3710	-2520	0
6095	1.169e+005	-3710	-1640	0
6096	1.169e+005	-3710	-760	0

PROJECT TITLE :

	Company	Client		
	Author	File Name	impalcatoUP8-UP9-rev6-IN.mdl	


6097	1.118e+005	-3710	-3520	0
6098	1.118e+005	-3710	-2520	0
6099	1.118e+005	-3710	-1640	0
6100	1.118e+005	-3710	-760	0
6101	0	0	0	0
6102	1.31e+005	3315	-3267	0
6103	1.31e+005	4019	-3267	0
6104	1.31e+005	4505	-3267	0
6105	1.31e+005	4987	-3267	0
6106	1.31e+005	5317	-3267	0
6107	1.31e+005	6029	-3267	0
6108	1.31e+005	6531	-3267	0
6109	1.31e+005	7235	-3267	0
6110	1.31e+005	3355	-2613	0
6111	1.31e+005	4069	-2813	0
6112	1.31e+005	4488	-2813	0
6113	1.31e+005	4949	-2813	0
6114	1.31e+005	5359	-2813	0
6115	1.31e+005	6029	-2813	0
6116	1.31e+005	6481	-2813	0
6117	1.31e+005	7195	-2613	0
6118	1.31e+005	3396	-1960	0
6119	1.31e+005	4069	-1960	0
6124	1.31e+005	6481	-1960	0
6125	1.31e+005	7154	-1960	0
6126	1.31e+005	3436	-1307	0
6127	1.31e+005	4069	-1107	0
6128	1.31e+005	4455	-1107	0
6129	1.31e+005	4875	-1107	0
6130	1.31e+005	5443	-1107	0
6131	1.31e+005	6029	-1107	0
6132	1.31e+005	6481	-1107	0
6133	1.31e+005	7114	-1307	0
6134	1.31e+005	3476	-653.3	0
6135	1.31e+005	4019	-653.3	0
6136	1.31e+005	4438	-653.3	0
6137	1.31e+005	4838	-653.3	0
6138	1.31e+005	5484	-653.3	0
6139	1.31e+005	6029	-653.3	0
6140	1.31e+005	6531	-653.3	0
6141	1.31e+005	7074	-653.3	0
6142	1.271e+005	3315	-3267	0
6143	1.271e+005	4019	-3267	0
6144	1.271e+005	4505	-3267	0
6145	1.271e+005	4987	-3267	0
6146	1.271e+005	5317	-3267	0
6147	1.271e+005	6029	-3267	0
6148	1.271e+005	6531	-3267	0
6149	1.271e+005	7235	-3267	0
6150	1.271e+005	3355	-2613	0
6151	1.271e+005	4069	-2813	0
6152	1.271e+005	4488	-2813	0
6153	1.271e+005	4949	-2813	0
6154	1.271e+005	5359	-2813	0
6155	1.271e+005	6029	-2813	0
6156	1.271e+005	6481	-2813	0
6157	1.271e+005	7195	-2613	0
6158	1.271e+005	3396	-1960	0
6159	1.271e+005	4069	-1960	0
6160	1.271e+005	7154	-1960	0
6161	1.271e+005	6481	-1960	0
6162	1.271e+005	3436	-1307	0
6163	1.271e+005	4069	-1107	0
6164	1.271e+005	7114	-1307	0
6165	1.271e+005	6481	-1107	0
6166	1.271e+005	3476	-653.3	0
6167	1.271e+005	4019	-653.3	0
6168	1.271e+005	4455	-1107	0
6169	1.271e+005	4438	-653.3	0

PROJECT TITLE :

	Company	Client
	Author	File Name
		impalcatoUP8-UP9-rev6-IN.mdl

6170	1.271e+005	4875	-1107	0
6171	1.271e+005	4838	-653.3	0
6172	1.271e+005	5443	-1107	0
6173	1.271e+005	5484	-653.3	0
6174	1.271e+005	6029	-1107	0
6175	1.271e+005	6029	-653.3	0
6176	1.271e+005	6531	-653.3	0
6177	1.271e+005	7074	-653.3	0
6178	3.095e+004	3315	-3267	0
6179	3.095e+004	4019	-3267	0
6180	3.095e+004	4505	-3267	0
6181	3.095e+004	4987	-3267	0
6182	3.095e+004	5317	-3267	0
6183	3.095e+004	6029	-3267	0
6184	3.095e+004	6531	-3267	0
6185	3.095e+004	7235	-3267	0
6186	3.095e+004	3355	-2613	0
6187	3.095e+004	4069	-2813	0
6188	3.095e+004	4488	-2813	0
6189	3.095e+004	4949	-2813	0
6190	3.095e+004	5359	-2813	0
6191	3.095e+004	6029	-2813	0
6192	3.095e+004	6481	-2813	0
6193	3.095e+004	7195	-2613	0
6194	3.095e+004	3396	-1960	0
6195	3.095e+004	4069	-1960	0
6196	3.095e+004	7154	-1960	0
6197	3.095e+004	6481	-1960	0
6198	3.095e+004	3436	-1307	0
6199	3.095e+004	4069	-1107	0
6200	3.095e+004	7114	-1307	0
6201	3.095e+004	6481	-1107	0
6202	3.095e+004	3476	-653.3	0
6203	3.095e+004	4019	-653.3	0
6204	3.095e+004	4455	-1107	0
6205	3.095e+004	4438	-653.3	0
6206	3.095e+004	4875	-1107	0
6207	3.095e+004	4838	-653.3	0
6208	3.095e+004	5443	-1107	0
6209	3.095e+004	5484	-653.3	0
6210	3.095e+004	6029	-1107	0
6211	3.095e+004	6029	-653.3	0
6212	3.095e+004	6531	-653.3	0
6213	3.095e+004	7074	-653.3	0
6214	2.705e+004	3315	-3267	0
6215	2.705e+004	4019	-3267	0
6216	2.705e+004	4505	-3267	0
6217	2.705e+004	4987	-3267	0
6218	2.705e+004	5317	-3267	0
6219	2.705e+004	6029	-3267	0
6220	2.705e+004	6531	-3267	0
6221	2.705e+004	7235	-3267	0
6222	2.705e+004	3355	-2613	0
6223	2.705e+004	4069	-2813	0
6224	2.705e+004	4488	-2813	0
6225	2.705e+004	4949	-2813	0
6226	2.705e+004	5359	-2813	0
6227	2.705e+004	6029	-2813	0
6228	2.705e+004	6481	-2813	0
6229	2.705e+004	7195	-2613	0
6230	2.705e+004	3396	-1960	0
6231	2.705e+004	4069	-1960	0
6232	2.705e+004	7154	-1960	0
6233	2.705e+004	6481	-1960	0
6234	2.705e+004	3436	-1307	0
6235	2.705e+004	4069	-1107	0
6236	2.705e+004	7114	-1307	0
6237	2.705e+004	6481	-1107	0
6238	2.705e+004	3476	-653.3	0

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

6239	2.705e+004	4019	-653.3	0
6240	2.705e+004	4455	-1107	0
6241	2.705e+004	4438	-653.3	0
6242	2.705e+004	4875	-1107	0
6243	2.705e+004	4838	-653.3	0
6244	2.705e+004	5443	-1107	0
6245	2.705e+004	5484	-653.3	0
6246	2.705e+004	6029	-1107	0
6247	2.705e+004	6029	-653.3	0
6248	2.705e+004	6531	-653.3	0
6249	2.705e+004	7074	-653.3	0

*** SUPPORT / SPECIFIED DISPLACEMENT / POINT SPRING SUPPORT

** SUPPORT / SPECIFIED DISPLACEMENT

NODE	SUPPORT DDDRRR	SPECIFIED DISPLACEMENT					
		Dx	Dy	Dz	Rx	Ry	Rz
8	011000	0.0000	0.0000	-20.0000	0.0000	0.0000	0.0000
567	011000	0.0000	0.0000	-20.0000	0.0000	0.0000	0.0000
570	001000	0.0000	0.0000	-20.0000	0.0000	0.0000	0.0000
584	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
588	011000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
591	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
626	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
630	011000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
633	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
636	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
640	011000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
643	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
676	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
680	111000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
683	001000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

*** SECTION PROPERTY DATA


NO	NAME	SHAPE	H	B	tw	tf1	r1
1	app	SR	1e+003	0	0	0	0
2	biella	P	219	5	0	0	0
3	controven~	2L	150	150	15	15	0

NO	NAME	STIFFNESS SCALE FACTOR						
		A	Asy	Asz	Ix	Iy	Iz	W
1	app							
2	biella							
3	controven~							

NO	NAME	AREA [SRC:EQIV.]	MOMENT OF INERTIA			SHAPE FACTOR	
			Ix	Iy	Iz	k-Y	k-Z
1	app	7.854e+005	9.817e+010	4.909e+010	4.909e+010	0.9	0.9
2	biella	3360	3.856e+007	1.928e+007	1.928e+007	0.5005	0.5005
3	controven~	8600	6.413e+005	1.8e+007	3.82e+007	0.436	0.436

NO	NAME	SECTION MODULUS Sy		SECTION MODULUS Sz	
		I or CONC.	J or STEEL	I or CONC.	J or STEEL
1	app	9.817e+007	9.817e+007	9.817e+007	9.817e+007
2	biella	1.76e+005	1.76e+005	1.76e+005	1.76e+005

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3 controven~ 1.67e+005 1.67e+005 2.45e+005 2.45e+005

*** TRUSS MEMBER DATA

H	NO NODAL CONNECTIVITY		MATERIAL	SECTION	TENSION / COMPRESSION	SECTION AREA		LENGT	
	I	J				I	J		
-	681	43	1046	S355	biella	N	3360	-	6104
	682	496	1056	S355	biella	N	3360	-	6104
	797	1022	1010	S355	controven~	N	8600	-	5281
	798	1011	996	S355	controven~	N	8600	-	6234
	799	997	982	S355	controven~	N	8600	-	6021
	800	1010	997	S355	controven~	N	8600	-	5969
	801	983	968	S355	controven~	N	8600	-	5828
	802	996	983	S355	controven~	N	8600	-	5745
	803	969	954	S355	controven~	N	8600	-	5657
	804	982	969	S355	controven~	N	8600	-	5543
	805	955	940	S355	controven~	N	8600	-	5511
	806	968	955	S355	controven~	N	8600	-	5363
	807	941	926	S355	controven~	N	8600	-	5392
	808	954	941	S355	controven~	N	8600	-	5209
	809	940	927	S355	controven~	N	8600	-	5083
	877	1022	1020	S355	controven~	N	8600	-	3919
	879	1011	1010	S355	controven~	N	8600	-	3635
	880	997	996	S355	controven~	N	8600	-	3230
	882	1020	1011	S355	controven~	N	8600	-	5062
	884	983	982	S355	controven~	N	8600	-	2825
	885	969	968	S355	controven~	N	8600	-	2421
	888	955	954	S355	controven~	N	8600	-	2017
	889	941	940	S355	controven~	N	8600	-	1613
	892	927	926	S355	controven~	N	8600	-	1210
	961	123	1713	S355	biella	N	3360	-	6326
	962	335	1723	S355	biella	N	3360	-	6326
	1007	2053	205	S355	biella	N	3360	-	6425
	2069	1020	3143	S355	controven~	N	8600	-	4793
	2070	1022	3141	S355	controven~	N	8600	-	4793

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

2071	1011	3129	S355 controven~	N	8600	-	4564
2072	1010	3131	S355 controven~	N	8600	-	4564
2073	996	3115	S355 controven~	N	8600	-	4249
2074	997	3113	S355 controven~	N	8600	-	4249
2075	982	3099	S355 controven~	N	8600	-	3950
2076	983	3097	S355 controven~	N	8600	-	3950
2077	969	3081	S355 controven~	N	8600	-	3671
2078	968	3083	S355 controven~	N	8600	-	3671
2079	954	3067	S355 controven~	N	8600	-	3418
2080	955	3065	S355 controven~	N	8600	-	3418
2081	941	3049	S355 controven~	N	8600	-	3197
2082	940	3051	S355 controven~	N	8600	-	3197
2083	926	3035	S355 controven~	N	8600	-	3014
2084	927	3033	S355 controven~	N	8600	-	3014
3013	3141	3143	S355 controven~	N	8600	-	3919
3015	3129	3131	S355 controven~	N	8600	-	3635
3018	3113	3115	S355 controven~	N	8600	-	3230
3021	3097	3099	S355 controven~	N	8600	-	2825
3024	3081	3083	S355 controven~	N	8600	-	2421
3027	3065	3067	S355 controven~	N	8600	-	2017
3030	3049	3051	S355 controven~	N	8600	-	1613
3033	3033	3035	S355 controven~	N	8600	-	1210
6473	567	1056	S355 biella	N	3360	-	1.054e+004
6474	8	1046	S355 biella	N	3360	-	1.054e+004

*** PLATE MEMBER DATA

NO	NODAL CONNECTIVITY				MATERIAL	THICKNESS	AREA
	1	2	3	4			
1	574	564	563	573	S355	80	2.833e+005
2	564	554	553	563	S355	80	2.833e+005
3	554	544	543	553	S355	80	3.532e+005
4	544	534	533	543	S355	80	3.532e+005
5	575	570	564	574	S355	80	3.242e+005
6	534	524	523	533	S355	80	3.532e+005
7	570	560	554	564	S355	80	3.242e+005
8	560	550	544	554	S355	80	4.043e+005
9	524	514	513	523	S355	80	3.532e+005
10	550	540	534	544	S355	80	4.043e+005
11	514	509	503	513	S355	80	3.532e+005
12	581	571	570	575	S355	80	3.191e+005
13	540	530	524	534	S355	80	4.043e+005

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14	509	499	493	503	S355	80	3.532e+005
15	571	561	560	570	S355	80	3.242e+005
16	530	520	514	524	S355	80	4.043e+005
17	499	489	483	493	S355	80	3.532e+005
18	561	551	550	560	S355	80	4.043e+005
19	520	510	509	514	S355	80	4.043e+005
20	489	479	473	483	S355	80	3.532e+005
21	551	541	540	550	S355	80	4.043e+005
22	582	572	571	581	S355	80	2.721e+005
23	510	500	499	509	S355	80	4.043e+005
24	479	469	463	473	S355	80	3.532e+005
25	541	531	530	540	S355	80	4.043e+005
26	572	562	561	571	S355	80	2.833e+005
27	500	490	489	499	S355	80	4.043e+005
28	469	459	453	463	S355	80	3.532e+005
29	562	552	551	561	S355	80	3.532e+005
30	531	521	520	530	S355	80	4.043e+005
31	490	480	479	489	S355	80	4.043e+005
32	459	449	448	453	S355	80	3.532e+005
33	552	542	541	551	S355	80	3.532e+005
34	521	511	510	520	S355	80	4.043e+005
35	480	470	469	479	S355	80	4.043e+005
36	449	439	438	448	S355	80	3.532e+005
37	542	532	531	541	S355	80	3.532e+005
38	511	501	500	510	S355	80	4.043e+005
39	470	460	459	469	S355	80	4.043e+005
40	439	429	428	438	S355	80	3.532e+005
41	532	522	521	531	S355	80	3.532e+005
42	501	491	490	500	S355	80	4.043e+005
43	460	450	449	459	S355	80	4.043e+005
44	429	419	418	428	S355	80	3.532e+005
45	522	512	511	521	S355	80	3.532e+005
46	491	481	480	490	S355	80	4.043e+005
47	450	440	439	449	S355	80	4.043e+005
48	419	409	408	418	S355	80	3.532e+005
49	512	502	501	511	S355	80	3.532e+005
50	481	471	470	480	S355	80	4.043e+005
51	440	430	429	439	S355	80	4.043e+005
52	409	399	398	408	S355	80	3.532e+005
53	502	492	491	501	S355	80	3.532e+005
54	471	461	460	470	S355	80	4.043e+005
55	430	420	419	429	S355	80	4.043e+005
56	399	389	388	398	S355	80	3.532e+005
57	492	482	481	491	S355	80	3.532e+005
58	461	451	450	460	S355	80	4.043e+005
59	420	410	409	419	S355	80	4.043e+005
60	389	379	378	388	S355	80	3.532e+005
61	482	472	471	481	S355	80	3.532e+005
62	451	441	440	450	S355	80	4.043e+005
63	410	400	399	409	S355	80	4.043e+005
64	379	369	368	378	S355	80	3.532e+005
65	472	462	461	471	S355	80	3.532e+005
66	441	431	430	440	S355	80	4.043e+005
67	400	390	389	399	S355	80	4.043e+005
68	369	359	358	368	S355	80	3.532e+005
69	462	452	451	461	S355	80	3.532e+005
70	431	421	420	430	S355	80	4.043e+005
71	390	380	379	389	S355	80	4.043e+005
72	359	349	348	358	S355	80	3.532e+005
73	452	442	441	451	S355	80	3.532e+005
74	421	411	410	420	S355	80	4.043e+005
75	380	370	369	379	S355	80	4.043e+005
76	349	339	338	348	S355	80	3.532e+005
77	442	432	431	441	S355	80	3.532e+005
78	411	401	400	410	S355	80	4.043e+005
79	370	360	359	369	S355	80	4.043e+005
80	339	329	328	338	S355	80	3.532e+005
81	432	422	421	431	S355	80	3.532e+005
82	401	391	390	400	S355	80	4.043e+005

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83	360	350	349	359	S355	80	4.043e+005
84	329	319	318	328	S355	80	3.532e+005
85	422	412	411	421	S355	80	3.532e+005
86	391	381	380	390	S355	80	4.043e+005
87	350	340	339	349	S355	80	4.043e+005
88	319	309	308	318	S355	80	3.532e+005
89	412	402	401	411	S355	80	3.532e+005
90	381	371	370	380	S355	80	4.043e+005
91	340	330	329	339	S355	80	4.043e+005
92	309	300	299	308	S355	80	3.532e+005
93	402	392	391	401	S355	80	3.532e+005
94	371	361	360	370	S355	80	4.043e+005
95	330	320	319	329	S355	80	4.043e+005
96	300	292	291	299	S355	80	3.532e+005
97	392	382	381	391	S355	80	3.532e+005
98	361	351	350	360	S355	80	4.043e+005
99	320	310	309	319	S355	80	4.043e+005
100	292	284	283	291	S355	80	3.532e+005
101	382	372	371	381	S355	80	3.532e+005
102	351	341	340	350	S355	80	4.043e+005
103	310	301	300	309	S355	80	4.043e+005
104	284	276	275	283	S355	80	3.532e+005
105	372	362	361	371	S355	80	3.532e+005
106	341	331	330	340	S355	80	4.043e+005
107	301	293	292	300	S355	80	4.043e+005
108	276	267	266	275	S355	80	3.532e+005
109	362	352	351	361	S355	80	3.532e+005
110	331	321	320	330	S355	80	4.043e+005
111	293	285	284	292	S355	80	4.043e+005
112	267	258	257	266	S355	80	3.532e+005
113	352	342	341	351	S355	80	3.532e+005
114	321	311	310	320	S355	80	4.043e+005
115	285	277	276	284	S355	80	4.043e+005
116	258	251	250	257	S355	80	3.532e+005
117	342	332	331	341	S355	80	3.532e+005
118	311	302	301	310	S355	80	4.043e+005
119	277	268	267	276	S355	80	4.043e+005
120	251	242	241	250	S355	80	3.532e+005
121	332	322	321	331	S355	80	3.532e+005
122	302	286	293	301	S355	80	5.383e+005
123	268	259	258	267	S355	80	4.043e+005
124	242	234	233	241	S355	80	3.532e+005
125	322	312	311	321	S355	80	3.532e+005
126	286	278	285	293	S355	80	5.652e+005
127	259	252	251	258	S355	80	4.043e+005
128	234	226	225	233	S355	80	3.532e+005
129	312	294	302	311	S355	80	3.719e+005
130	278	270	277	285	S355	80	4.374e+005
131	270	268	277	0	S355	80	1.833e+005
132	252	243	242	251	S355	80	4.043e+005
133	226	219	218	225	S355	140	3.532e+005
134	294	286	302	0	S355	80	1.804e+005
135	243	235	234	242	S355	140	4.043e+005
136	219	212	211	218	S355	140	3.532e+005
137	261	253	259	268	S355	140	5.344e+005
138	271	261	268	270	S355	140	4.615e+005
139	212	203	201	211	S355	140	3.872e+005
140	235	227	226	234	S355	140	4.043e+005
141	253	246	245	259	S355	140	4.341e+005
142	7	2	1	6	S355	140	2.833e+005
143	12	7	6	11	S355	140	2.833e+005
144	17	12	11	16	S355	140	3.532e+005
145	22	17	16	21	S355	140	3.532e+005
146	27	22	21	26	S355	140	3.532e+005
147	32	27	26	31	S355	140	3.532e+005
148	37	32	31	36	S355	140	3.532e+005
149	42	37	36	41	S355	140	3.532e+005
150	47	42	41	46	S355	140	3.532e+005
151	52	47	46	51	S355	140	3.532e+005

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152	57	52	51	56	S355	140	3.532e+005
153	62	57	56	61	S355	140	3.532e+005
154	67	62	61	66	S355	140	3.532e+005
155	72	67	66	71	S355	140	3.532e+005
156	77	72	71	76	S355	140	3.532e+005
157	82	77	76	81	S355	140	3.532e+005
158	87	82	81	86	S355	140	3.532e+005
159	92	87	86	91	S355	140	3.532e+005
160	97	92	91	96	S355	140	3.532e+005
161	102	97	96	101	S355	140	3.532e+005
162	107	102	101	106	S355	140	3.532e+005
163	112	107	106	111	S355	140	3.532e+005
164	117	112	111	116	S355	140	3.532e+005
165	122	117	116	121	S355	140	3.532e+005
166	127	122	121	126	S355	140	3.532e+005
167	132	127	126	131	S355	140	3.532e+005
168	137	132	131	136	S355	140	3.532e+005
169	142	137	136	141	S355	140	3.532e+005
170	147	142	141	146	S355	140	3.532e+005
171	152	147	146	151	S355	140	3.532e+005
172	157	152	151	156	S355	140	3.532e+005
173	162	157	156	161	S355	140	3.532e+005
174	167	162	161	166	S355	140	3.532e+005
175	172	167	166	171	S355	140	3.532e+005
176	177	172	171	176	S355	140	3.532e+005
177	182	177	176	181	S355	140	3.532e+005
178	187	182	181	186	S355	140	3.532e+005
179	192	187	186	191	S355	140	3.532e+005
180	197	192	191	196	S355	140	3.532e+005
181	203	197	196	201	S355	140	3.532e+005
182	279	271	270	278	S355	140	3.532e+005
183	287	279	278	286	S355	140	3.532e+005
184	295	287	286	294	S355	140	3.532e+005
185	304	295	294	303	S355	80	3.532e+005
186	314	304	303	313	S355	80	3.532e+005
187	324	314	313	323	S355	80	3.532e+005
188	334	324	323	333	S355	80	3.532e+005
189	344	334	333	343	S355	80	3.532e+005
190	354	344	343	353	S355	80	3.532e+005
191	364	354	353	363	S355	80	3.532e+005
192	374	364	363	373	S355	80	3.532e+005
193	384	374	373	383	S355	80	3.532e+005
194	394	384	383	393	S355	80	3.532e+005
195	404	394	393	403	S355	80	3.532e+005
196	414	404	403	413	S355	80	3.532e+005
197	424	414	413	423	S355	80	3.532e+005
198	434	424	423	433	S355	80	3.532e+005
199	444	434	433	443	S355	80	3.532e+005
200	455	444	443	454	S355	80	3.532e+005
201	465	455	454	464	S355	80	3.532e+005
202	475	465	464	474	S355	80	3.532e+005
203	485	475	474	484	S355	80	3.532e+005
204	495	485	484	494	S355	80	3.532e+005
205	505	495	494	504	S355	80	3.532e+005
206	516	505	504	515	S355	80	3.532e+005
207	526	516	515	525	S355	80	3.532e+005
208	536	526	525	535	S355	80	3.532e+005
209	546	536	535	545	S355	80	3.532e+005
210	556	546	545	555	S355	80	3.532e+005
211	566	556	555	565	S355	80	2.833e+005
212	577	566	565	576	S355	80	2.833e+005
213	246	237	243	245	S355	140	2.681e+005
214	237	235	243	0	S355	140	1.037e+005
215	227	220	219	226	S355	140	4.043e+005
216	220	208	212	219	S355	140	4.8e+005
217	208	205	203	212	S355	140	4.823e+005
218	238	229	235	237	S355	140	4.283e+005
219	229	222	227	235	S355	140	4.267e+005
220	8	3	2	7	S355	140	3.242e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

221	13	8	7	12	S355	140	3.242e+005
222	18	13	12	17	S355	140	4.043e+005
223	23	18	17	22	S355	140	4.043e+005
224	28	23	22	27	S355	140	4.043e+005
225	33	28	27	32	S355	140	4.043e+005
226	38	33	32	37	S355	140	4.043e+005
227	43	38	37	42	S355	140	4.043e+005
228	48	43	42	47	S355	140	4.043e+005
229	53	48	47	52	S355	140	4.043e+005
230	58	53	52	57	S355	140	4.043e+005
231	63	58	57	62	S355	140	4.043e+005
232	68	63	62	67	S355	140	4.043e+005
233	73	68	67	72	S355	140	4.043e+005
234	78	73	72	77	S355	140	4.043e+005
235	83	78	77	82	S355	140	4.043e+005
236	88	83	82	87	S355	140	4.043e+005
237	93	88	87	92	S355	140	4.043e+005
238	98	93	92	97	S355	140	4.043e+005
239	103	98	97	102	S355	140	4.043e+005
240	108	103	102	107	S355	140	4.043e+005
241	113	108	107	112	S355	140	4.043e+005
242	118	113	112	117	S355	140	4.043e+005
243	123	118	117	122	S355	140	4.043e+005
244	128	123	122	127	S355	140	4.043e+005
245	133	128	127	132	S355	140	4.043e+005
246	138	133	132	137	S355	140	4.043e+005
247	143	138	137	142	S355	140	4.043e+005
248	148	143	142	147	S355	140	4.043e+005
249	153	148	147	152	S355	140	4.043e+005
250	158	153	152	157	S355	140	4.043e+005
251	163	158	157	162	S355	140	4.043e+005
252	168	163	162	167	S355	140	4.043e+005
253	173	168	167	172	S355	140	4.043e+005
254	178	173	172	177	S355	140	4.043e+005
255	183	178	177	182	S355	140	4.043e+005
256	188	183	182	187	S355	140	4.043e+005
257	193	188	187	192	S355	140	4.043e+005
258	198	193	192	197	S355	140	4.043e+005
259	205	198	197	203	S355	140	4.043e+005
260	247	238	237	246	S355	140	4.043e+005
261	254	247	246	253	S355	140	4.043e+005
262	263	254	253	261	S355	140	4.043e+005
263	272	263	261	271	S355	140	4.043e+005
264	280	272	271	279	S355	140	4.043e+005
265	288	280	279	287	S355	140	4.043e+005
266	296	288	287	295	S355	140	4.043e+005
267	305	296	295	304	S355	80	4.043e+005
268	315	305	304	314	S355	80	4.043e+005
269	325	315	314	324	S355	80	4.043e+005
270	335	325	324	334	S355	80	4.043e+005
271	345	335	334	344	S355	80	4.043e+005
272	355	345	344	354	S355	80	4.043e+005
273	365	355	354	364	S355	80	4.043e+005
274	375	365	364	374	S355	80	4.043e+005
275	385	375	374	384	S355	80	4.043e+005
276	395	385	384	394	S355	80	4.043e+005
277	405	395	394	404	S355	80	4.043e+005
278	415	405	404	414	S355	80	4.043e+005
279	425	415	414	424	S355	80	4.043e+005
280	435	425	424	434	S355	80	4.043e+005
281	445	435	434	444	S355	80	4.043e+005
282	456	445	444	455	S355	80	4.043e+005
283	466	456	455	465	S355	80	4.043e+005
284	476	466	465	475	S355	80	4.043e+005
285	486	476	475	485	S355	80	4.043e+005
286	496	486	485	495	S355	80	4.043e+005
287	506	496	495	505	S355	80	4.043e+005
288	517	506	505	516	S355	80	4.043e+005
289	527	517	516	526	S355	80	4.043e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

290	537	527	526	536	S355	80	4.043e+005
291	547	537	536	546	S355	80	4.043e+005
292	557	547	546	556	S355	80	4.043e+005
293	567	557	556	566	S355	80	3.242e+005
294	578	567	566	577	S355	80	3.242e+005
295	222	215	220	227	S355	140	2.989e+005
298	9	4	3	8	S355	140	3.242e+005
299	14	9	8	13	S355	140	3.242e+005
300	19	14	13	18	S355	140	4.043e+005
301	24	19	18	23	S355	140	4.043e+005
302	29	24	23	28	S355	140	4.043e+005
303	34	29	28	33	S355	140	4.043e+005
304	39	34	33	38	S355	140	4.043e+005
305	44	39	38	43	S355	140	4.043e+005
306	49	44	43	48	S355	140	4.043e+005
307	54	49	48	53	S355	140	4.043e+005
308	59	54	53	58	S355	140	4.043e+005
309	64	59	58	63	S355	140	4.043e+005
310	69	64	63	68	S355	140	4.043e+005
311	74	69	68	73	S355	140	4.043e+005
312	79	74	73	78	S355	140	4.043e+005
313	84	79	78	83	S355	140	4.043e+005
314	89	84	83	88	S355	140	4.043e+005
315	94	89	88	93	S355	140	4.043e+005
316	99	94	93	98	S355	140	4.043e+005
317	104	99	98	103	S355	140	4.043e+005
318	109	104	103	108	S355	140	4.043e+005
319	114	109	108	113	S355	140	4.043e+005
320	119	114	113	118	S355	140	4.043e+005
321	124	119	118	123	S355	140	4.043e+005
322	129	124	123	128	S355	140	4.043e+005
323	134	129	128	133	S355	140	4.043e+005
324	139	134	133	138	S355	140	4.043e+005
325	144	139	138	143	S355	140	4.043e+005
326	149	144	143	148	S355	140	4.043e+005
327	154	149	148	153	S355	140	4.043e+005
328	159	154	153	158	S355	140	4.043e+005
329	164	159	158	163	S355	140	4.043e+005
330	169	164	163	168	S355	140	4.043e+005
331	174	169	168	173	S355	140	4.043e+005
332	179	174	173	178	S355	140	4.043e+005
333	184	179	178	183	S355	140	4.043e+005
334	189	184	183	188	S355	140	4.043e+005
335	194	189	188	193	S355	140	4.043e+005
336	199	194	193	198	S355	140	4.043e+005
337	206	199	198	205	S355	140	4.043e+005
338	209	206	205	208	S355	140	4.043e+005
339	216	209	208	215	S355	140	4.043e+005
340	223	216	215	222	S355	140	4.043e+005
341	231	223	222	229	S355	140	4.043e+005
342	239	231	229	238	S355	140	4.043e+005
343	248	239	238	247	S355	140	4.043e+005
344	255	248	247	254	S355	140	4.043e+005
345	264	255	254	263	S355	140	4.043e+005
346	273	264	263	272	S355	140	4.043e+005
347	281	273	272	280	S355	140	4.043e+005
348	289	281	280	288	S355	140	4.043e+005
349	297	289	288	296	S355	140	4.043e+005
350	306	297	296	305	S355	80	4.043e+005
351	316	306	305	315	S355	80	4.043e+005
352	326	316	315	325	S355	80	4.043e+005
353	336	326	325	335	S355	80	4.043e+005
354	346	336	335	345	S355	80	4.043e+005
355	356	346	345	355	S355	80	4.043e+005
356	366	356	355	365	S355	80	4.043e+005
357	376	366	365	375	S355	80	4.043e+005
358	386	376	375	385	S355	80	4.043e+005
359	396	386	385	395	S355	80	4.043e+005
360	406	396	395	405	S355	80	4.043e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

361	416	406	405	415	S355	80	4.043e+005
362	426	416	415	425	S355	80	4.043e+005
363	436	426	425	435	S355	80	4.043e+005
364	446	436	435	445	S355	80	4.043e+005
365	457	446	445	456	S355	80	4.043e+005
366	467	457	456	466	S355	80	4.043e+005
367	477	467	466	476	S355	80	4.043e+005
368	487	477	476	486	S355	80	4.043e+005
369	497	487	486	496	S355	80	4.043e+005
370	507	497	496	506	S355	80	4.043e+005
371	518	507	506	517	S355	80	4.043e+005
372	528	518	517	527	S355	80	4.043e+005
373	538	528	527	537	S355	80	4.043e+005
374	548	538	537	547	S355	80	4.043e+005
375	558	548	547	557	S355	80	4.043e+005
376	568	558	557	567	S355	80	3.242e+005
377	579	568	567	578	S355	80	3.242e+005
378	10	5	4	9	S355	140	2.833e+005
379	15	10	9	14	S355	140	2.833e+005
380	20	15	14	19	S355	140	3.532e+005
381	25	20	19	24	S355	140	3.532e+005
382	30	25	24	29	S355	140	3.532e+005
383	35	30	29	34	S355	140	3.532e+005
384	40	35	34	39	S355	140	3.532e+005
385	45	40	39	44	S355	140	3.532e+005
386	50	45	44	49	S355	140	3.532e+005
387	55	50	49	54	S355	140	3.532e+005
388	60	55	54	59	S355	140	3.532e+005
389	65	60	59	64	S355	140	3.532e+005
390	70	65	64	69	S355	140	3.532e+005
391	75	70	69	74	S355	140	3.532e+005
392	80	75	74	79	S355	140	3.532e+005
393	85	80	79	84	S355	140	3.532e+005
394	90	85	84	89	S355	140	3.532e+005
395	95	90	89	94	S355	140	3.532e+005
396	100	95	94	99	S355	140	3.532e+005
397	105	100	99	104	S355	140	3.532e+005
398	110	105	104	109	S355	140	3.532e+005
399	115	110	109	114	S355	140	3.532e+005
400	120	115	114	119	S355	140	3.532e+005
401	125	120	119	124	S355	140	3.532e+005
402	130	125	124	129	S355	140	3.532e+005
403	135	130	129	134	S355	140	3.532e+005
404	140	135	134	139	S355	140	3.532e+005
405	145	140	139	144	S355	140	3.532e+005
406	150	145	144	149	S355	140	3.532e+005
407	155	150	149	154	S355	140	3.532e+005
408	160	155	154	159	S355	140	3.532e+005
409	165	160	159	164	S355	140	3.532e+005
410	170	165	164	169	S355	140	3.532e+005
411	175	170	169	174	S355	140	3.532e+005
412	180	175	174	179	S355	140	3.532e+005
413	185	180	179	184	S355	140	3.532e+005
414	190	185	184	189	S355	140	3.532e+005
415	195	190	189	194	S355	140	3.532e+005
416	200	195	194	199	S355	140	3.532e+005
417	207	200	199	206	S355	140	3.532e+005
418	210	207	206	209	S355	140	3.532e+005
419	217	210	209	216	S355	140	3.532e+005
420	224	217	216	223	S355	140	3.532e+005
421	232	224	223	231	S355	140	3.532e+005
422	240	232	231	239	S355	140	3.532e+005
423	249	240	239	248	S355	140	3.532e+005
424	256	249	248	255	S355	140	3.532e+005
425	265	256	255	264	S355	140	3.532e+005
426	274	265	264	273	S355	140	3.532e+005
427	282	274	273	281	S355	140	3.532e+005
428	290	282	281	289	S355	140	3.532e+005
429	298	290	289	297	S355	140	3.532e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

430	307	298	297	306	S355	80	3.532e+005
431	317	307	306	316	S355	80	3.532e+005
432	327	317	316	326	S355	80	3.532e+005
433	337	327	326	336	S355	80	3.532e+005
434	347	337	336	346	S355	80	3.532e+005
435	357	347	346	356	S355	80	3.532e+005
436	367	357	356	366	S355	80	3.532e+005
437	377	367	366	376	S355	80	3.532e+005
438	387	377	376	386	S355	80	3.532e+005
439	397	387	386	396	S355	80	3.532e+005
440	407	397	396	406	S355	80	3.532e+005
441	417	407	406	416	S355	80	3.532e+005
442	427	417	416	426	S355	80	3.532e+005
443	437	427	426	436	S355	80	3.532e+005
444	447	437	436	446	S355	80	3.532e+005
445	458	447	446	457	S355	80	3.532e+005
446	468	458	457	467	S355	80	3.532e+005
447	478	468	467	477	S355	80	3.532e+005
448	488	478	477	487	S355	80	3.532e+005
449	498	488	487	497	S355	80	3.532e+005
450	508	498	497	507	S355	80	3.532e+005
451	519	508	507	518	S355	80	3.532e+005
452	529	519	518	528	S355	80	3.532e+005
453	539	529	528	538	S355	80	3.532e+005
454	549	539	538	548	S355	80	3.532e+005
455	559	549	548	558	S355	80	3.532e+005
456	569	559	558	568	S355	80	2.833e+005
457	580	569	568	579	S355	80	2.833e+005
458	1024	815	581	575	S355	20	4.105e+005
459	1011	813	541	540	S355	20	4.118e+005
460	997	811	501	500	S355	20	4.118e+005
461	983	809	461	460	S355	20	4.118e+005
462	969	807	421	420	S355	20	4.118e+005
463	955	805	381	380	S355	20	4.118e+005
464	941	803	341	340	S355	20	4.118e+005
465	927	801	302	301	S355	20	4.118e+005
466	913	798	261	268	S355	20	4.868e+005
467	900	796	229	235	S355	20	4.123e+005
468	816	785	4	3	S355	20	4.118e+005
469	823	786	24	23	S355	20	4.118e+005
470	830	787	44	43	S355	20	4.118e+005
471	837	788	64	63	S355	20	4.118e+005
472	844	789	84	83	S355	20	4.118e+005
473	851	790	104	103	S355	20	4.118e+005
474	858	791	124	123	S355	20	4.118e+005
475	865	792	144	143	S355	20	4.118e+005
476	872	793	164	163	S355	20	4.118e+005
477	879	794	184	183	S355	20	4.118e+005
478	886	795	206	205	S355	20	4.118e+005
479	796	797	231	229	S355	20	4.118e+005
480	912	799	264	263	S355	20	4.118e+005
481	926	800	297	296	S355	20	4.118e+005
482	940	802	336	335	S355	20	4.118e+005
483	954	804	376	375	S355	20	4.118e+005
484	968	806	416	415	S355	20	4.118e+005
485	982	808	457	456	S355	20	4.118e+005
486	996	810	497	496	S355	20	4.118e+005
487	1010	812	538	537	S355	20	4.118e+005
488	1025	814	579	578	S355	20	4.118e+005
489	1022	570	575	1024	S355	16	9.923e+005
490	1018	560	570	1022	S355	16	9.923e+005
491	1014	550	560	1018	S355	16	1.237e+006
492	1011	540	550	1014	S355	16	1.237e+006
493	1008	530	540	1011	S355	16	1.237e+006
494	1004	520	530	1008	S355	16	1.237e+006
495	1000	510	520	1004	S355	16	1.237e+006
496	997	500	510	1000	S355	16	1.237e+006
497	994	490	500	997	S355	16	1.237e+006
498	990	480	490	994	S355	16	1.237e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

499	986	470	480	990	S355	16 1.237e+006
500	983	460	470	986	S355	16 1.237e+006
501	980	450	460	983	S355	16 1.237e+006
502	976	440	450	980	S355	16 1.237e+006
503	972	430	440	976	S355	16 1.237e+006
504	969	420	430	972	S355	16 1.237e+006
505	966	410	420	969	S355	16 1.237e+006
506	962	400	410	966	S355	16 1.237e+006
507	958	390	400	962	S355	16 1.237e+006
508	955	380	390	958	S355	16 1.237e+006
509	952	370	380	955	S355	16 1.237e+006
510	948	360	370	952	S355	16 1.237e+006
511	944	350	360	948	S355	16 1.237e+006
512	941	340	350	944	S355	16 1.237e+006
513	938	330	340	941	S355	16 1.237e+006
514	934	320	330	938	S355	16 1.237e+006
515	930	310	320	934	S355	16 1.237e+006
516	927	301	310	930	S355	16 1.237e+006
517	924	293	301	927	S355	16 1.237e+006
518	920	285	293	924	S355	16 1.237e+006
519	916	277	285	920	S355	16 1.237e+006
520	913	268	277	916	S355	16 1.237e+006
521	910	259	268	913	S355	16 1.237e+006
522	906	252	259	910	S355	16 1.237e+006
523	903	243	252	906	S355	16 1.237e+006
524	900	235	243	903	S355	16 1.237e+006
529	816	3	8	817	S355	16 9.923e+005
530	817	8	13	819	S355	16 9.922e+005
531	819	13	18	821	S355	16 1.237e+006
532	821	18	23	823	S355	16 1.237e+006
533	823	23	28	824	S355	16 1.237e+006
534	824	28	33	826	S355	16 1.237e+006
535	826	33	38	828	S355	16 1.237e+006
536	828	38	43	830	S355	16 1.237e+006
537	830	43	48	831	S355	16 1.237e+006
538	831	48	53	833	S355	16 1.237e+006
539	833	53	58	835	S355	16 1.237e+006
540	835	58	63	837	S355	16 1.237e+006
541	837	63	68	838	S355	16 1.237e+006
542	838	68	73	840	S355	16 1.237e+006
543	840	73	78	842	S355	16 1.237e+006
544	842	78	83	844	S355	16 1.237e+006
545	844	83	88	845	S355	16 1.237e+006
546	845	88	93	847	S355	16 1.237e+006
547	847	93	98	849	S355	16 1.237e+006
548	849	98	103	851	S355	16 1.237e+006
549	851	103	108	852	S355	16 1.237e+006
550	852	108	113	854	S355	16 1.237e+006
551	854	113	118	856	S355	16 1.237e+006
552	856	118	123	858	S355	16 1.237e+006
553	858	123	128	859	S355	16 1.237e+006
554	859	128	133	861	S355	16 1.237e+006
555	861	133	138	863	S355	16 1.237e+006
556	863	138	143	865	S355	16 1.237e+006
557	865	143	148	866	S355	16 1.237e+006
558	866	148	153	868	S355	16 1.237e+006
559	868	153	158	870	S355	16 1.237e+006
560	870	158	163	872	S355	16 1.237e+006
561	872	163	168	873	S355	16 1.237e+006
562	873	168	173	875	S355	16 1.237e+006
563	875	173	178	877	S355	16 1.237e+006
564	877	178	183	879	S355	16 1.237e+006
565	879	183	188	880	S355	16 1.237e+006
566	880	188	193	882	S355	16 1.237e+006
567	882	193	198	884	S355	16 1.237e+006
568	884	198	205	886	S355	16 1.237e+006
569	886	205	208	887	S355	16 1.237e+006
570	887	208	215	891	S355	16 1.237e+006
571	891	215	222	895	S355	16 1.237e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

572	895	222	229	796	S355	16	1.237e+006
573	796	229	238	901	S355	16	1.237e+006
574	901	238	247	904	S355	16	1.237e+006
575	904	247	254	908	S355	16	1.237e+006
576	908	254	263	912	S355	16	1.237e+006
577	912	263	272	914	S355	16	1.237e+006
578	914	272	280	918	S355	16	1.237e+006
579	918	280	288	922	S355	16	1.237e+006
580	922	288	296	926	S355	16	1.237e+006
581	926	296	305	928	S355	16	1.237e+006
582	928	305	315	932	S355	16	1.237e+006
583	932	315	325	936	S355	16	1.237e+006
584	936	325	335	940	S355	16	1.237e+006
585	940	335	345	942	S355	16	1.237e+006
586	942	345	355	946	S355	16	1.237e+006
587	946	355	365	950	S355	16	1.237e+006
588	950	365	375	954	S355	16	1.237e+006
589	954	375	385	956	S355	16	1.237e+006
590	956	385	395	960	S355	16	1.237e+006
591	960	395	405	964	S355	16	1.237e+006
592	964	405	415	968	S355	16	1.237e+006
593	968	415	425	970	S355	16	1.237e+006
594	970	425	435	974	S355	16	1.237e+006
595	974	435	445	978	S355	16	1.237e+006
596	978	445	456	982	S355	16	1.237e+006
597	982	456	466	984	S355	16	1.237e+006
598	984	466	476	988	S355	16	1.237e+006
599	988	476	486	992	S355	16	1.237e+006
600	992	486	496	996	S355	16	1.237e+006
601	996	496	506	998	S355	16	1.237e+006
602	998	506	517	1002	S355	16	1.237e+006
603	1002	517	527	1006	S355	16	1.237e+006
604	1006	527	537	1010	S355	16	1.237e+006
605	1010	537	547	1012	S355	16	1.237e+006
606	1012	547	557	1016	S355	16	1.237e+006
607	1016	557	567	1020	S355	16	9.923e+005
608	1020	567	578	1025	S355	16	9.923e+005
609	594	584	583	593	Rck45	1000	4.316e+005
610	605	594	593	603	Rck45	1000	4.661e+005
611	616	605	603	615	Rck45	1000	4.661e+005
612	626	616	615	625	Rck45	1000	4.316e+005
613	646	636	635	645	Rck45	1000	4.316e+005
614	656	646	645	655	Rck45	1000	4.661e+005
615	666	656	655	665	Rck45	1000	4.661e+005
616	676	666	665	675	Rck45	1000	4.316e+005
617	595	585	584	594	Rck45	1000	6.979e+005
618	606	595	594	605	Rck45	1000	7.537e+005
619	617	606	605	616	Rck45	1000	7.537e+005
620	627	617	616	626	Rck45	1000	6.979e+005
621	647	637	636	646	Rck45	1000	6.979e+005
622	657	647	646	656	Rck45	1000	7.537e+005
623	667	657	656	666	Rck45	1000	7.537e+005
624	677	667	666	676	Rck45	1000	6.979e+005
625	596	586	585	595	Rck45	1000	4.71e+005
626	607	596	595	606	Rck45	1000	5.087e+005
627	618	607	606	617	Rck45	1000	5.087e+005
628	628	618	617	627	Rck45	1000	4.71e+005
629	648	638	637	647	Rck45	1000	4.71e+005
630	658	648	647	657	Rck45	1000	5.087e+005
631	668	658	657	667	Rck45	1000	5.087e+005
632	678	668	667	677	Rck45	1000	4.71e+005
633	597	587	586	596	Rck45	1000	4.71e+005
634	608	597	596	607	Rck45	1000	5.087e+005
635	619	608	607	618	Rck45	1000	5.087e+005
636	629	619	618	628	Rck45	1000	4.71e+005
637	649	639	638	648	Rck45	1000	4.71e+005
638	659	649	648	658	Rck45	1000	5.087e+005
639	669	659	658	668	Rck45	1000	5.087e+005
640	679	669	668	678	Rck45	1000	4.71e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

641	598	588	587	597	Rck45	1000	2.357e+005
642	609	598	597	608	Rck45	1000	2.545e+005
643	620	609	608	619	Rck45	1000	2.545e+005
644	630	620	619	629	Rck45	1000	2.357e+005
645	650	640	639	649	Rck45	1000	2.357e+005
646	660	650	649	659	Rck45	1000	2.545e+005
647	670	660	659	669	Rck45	1000	2.545e+005
648	680	670	669	679	Rck45	1000	2.357e+005
649	599	589	588	598	Rck45	1000	7.063e+005
650	610	599	598	609	Rck45	1000	7.628e+005
651	621	610	609	620	Rck45	1000	7.628e+005
652	631	621	620	630	Rck45	1000	7.063e+005
653	651	641	640	650	Rck45	1000	7.063e+005
654	661	651	650	660	Rck45	1000	7.628e+005
655	671	661	660	670	Rck45	1000	7.628e+005
656	681	671	670	680	Rck45	1000	7.063e+005
657	600	590	589	599	Rck45	1000	4.71e+005
658	611	600	599	610	Rck45	1000	5.087e+005
659	622	611	610	621	Rck45	1000	5.087e+005
660	632	622	621	631	Rck45	1000	4.71e+005
661	652	642	641	651	Rck45	1000	4.71e+005
662	662	652	651	661	Rck45	1000	5.087e+005
663	672	662	661	671	Rck45	1000	5.087e+005
664	682	672	671	681	Rck45	1000	4.71e+005
665	601	591	590	600	Rck45	1000	6.979e+005
666	612	601	600	611	Rck45	1000	7.537e+005
667	623	612	611	622	Rck45	1000	7.537e+005
668	633	623	622	632	Rck45	1000	6.979e+005
669	653	643	642	652	Rck45	1000	6.979e+005
670	663	653	652	662	Rck45	1000	7.537e+005
671	673	663	662	672	Rck45	1000	7.537e+005
672	683	673	672	682	Rck45	1000	6.979e+005
673	602	592	591	601	Rck45	1000	4.316e+005
674	613	602	601	612	Rck45	1000	4.661e+005
675	624	613	612	623	Rck45	1000	4.661e+005
676	634	624	623	633	Rck45	1000	4.316e+005
677	654	644	643	653	Rck45	1000	4.316e+005
678	664	654	653	663	Rck45	1000	4.661e+005
679	674	664	663	673	Rck45	1000	4.661e+005
680	684	674	673	683	Rck45	1000	4.316e+005
683	584	686	685	583	Rck45	890	7.809e+005
684	696	626	625	695	Rck45	890	7.809e+005
685	636	706	705	635	Rck45	890	7.809e+005
686	716	676	675	715	Rck45	890	7.809e+005
687	585	687	686	584	Rck45	890	8.373e+005
688	697	627	626	696	Rck45	890	8.373e+005
689	637	707	706	636	Rck45	890	8.373e+005
690	717	677	676	716	Rck45	890	8.373e+005
691	586	688	687	585	Rck45	890	6.748e+005
692	698	628	627	697	Rck45	890	6.748e+005
693	638	708	707	637	Rck45	890	6.748e+005
694	718	678	677	717	Rck45	890	6.748e+005
695	587	689	688	586	Rck45	890	6.748e+005
696	699	629	628	698	Rck45	890	6.748e+005
697	639	709	708	638	Rck45	890	6.748e+005
698	719	679	678	718	Rck45	890	6.748e+005
699	588	690	689	587	Rck45	890	5.062e+005
700	700	630	629	699	Rck45	890	5.062e+005
701	640	710	709	639	Rck45	890	5.062e+005
702	720	680	679	719	Rck45	890	5.062e+005
703	589	691	690	588	Rck45	890	8.433e+005
704	701	631	630	700	Rck45	890	8.433e+005
705	641	711	710	640	Rck45	890	8.433e+005
706	721	681	680	720	Rck45	890	8.433e+005
707	590	692	691	589	Rck45	890	6.748e+005
708	702	632	631	701	Rck45	890	6.748e+005
709	642	712	711	641	Rck45	890	6.748e+005
710	722	682	681	721	Rck45	890	6.748e+005
711	591	693	692	590	Rck45	890	8.373e+005

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	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

712	703	633	632	702	Rck45	890	8.373e+005
713	643	713	712	642	Rck45	890	8.373e+005
714	723	683	682	722	Rck45	890	8.373e+005
715	592	694	693	591	Rck45	890	7.809e+005
716	704	634	633	703	Rck45	890	7.809e+005
717	644	714	713	643	Rck45	890	7.809e+005
718	724	684	683	723	Rck45	890	7.809e+005
719	726	696	695	725	Rck45	890	8.888e+005
720	706	736	735	705	Rck45	890	8.888e+005
721	727	697	696	726	Rck45	890	6.357e+005
722	707	737	736	706	Rck45	890	6.357e+005
723	728	698	697	727	Rck45	890	6.357e+005
724	708	738	737	707	Rck45	890	6.357e+005
725	729	699	698	728	Rck45	890	6.357e+005
726	709	739	738	708	Rck45	890	6.357e+005
727	730	700	699	729	Rck45	890	6.357e+005
728	710	740	739	709	Rck45	890	6.357e+005
729	731	701	700	730	Rck45	890	6.357e+005
730	711	741	740	710	Rck45	890	6.357e+005
731	732	702	701	731	Rck45	890	6.357e+005
732	712	742	741	711	Rck45	890	6.357e+005
733	733	703	702	732	Rck45	890	6.357e+005
734	713	743	742	712	Rck45	890	6.357e+005
735	734	704	703	733	Rck45	890	8.888e+005
736	714	744	743	713	Rck45	890	8.888e+005
737	746	726	725	745	Rck45	890	8.886e+005
738	736	756	755	735	Rck45	890	8.886e+005
739	747	727	726	746	Rck45	890	6.356e+005
740	737	757	756	736	Rck45	890	6.356e+005
741	748	728	727	747	Rck45	890	6.356e+005
742	738	758	757	737	Rck45	890	6.356e+005
743	749	729	728	748	Rck45	890	6.356e+005
744	739	759	758	738	Rck45	890	6.356e+005
745	750	730	729	749	Rck45	890	6.356e+005
746	740	760	759	739	Rck45	890	6.356e+005
747	751	731	730	750	Rck45	890	6.356e+005
748	741	761	760	740	Rck45	890	6.356e+005
749	752	732	731	751	Rck45	890	6.356e+005
750	742	762	761	741	Rck45	890	6.356e+005
751	753	733	732	752	Rck45	890	6.356e+005
752	743	763	762	742	Rck45	890	6.356e+005
753	754	734	733	753	Rck45	890	8.886e+005
754	744	764	763	743	Rck45	890	8.886e+005
755	583	593	1090	1088	Rck45	450	6.125e+005
756	593	603	1092	1090	Rck45	450	6.615e+005
757	603	615	1094	1092	Rck45	450	6.615e+005
758	615	625	1096	1094	Rck45	450	6.125e+005
759	635	645	1108	1106	Rck45	450	6.125e+005
760	645	655	1110	1108	Rck45	450	6.615e+005
761	655	665	1112	1110	Rck45	450	6.615e+005
762	665	675	1114	1112	Rck45	450	6.125e+005
763	602	592	1089	1091	Rck45	450	6.125e+005
764	613	602	1091	1093	Rck45	450	6.615e+005
765	624	613	1093	1095	Rck45	450	6.615e+005
766	634	624	1095	1097	Rck45	450	6.125e+005
767	654	644	1107	1109	Rck45	450	6.125e+005
768	664	654	1109	1111	Rck45	450	6.615e+005
769	674	664	1111	1113	Rck45	450	6.615e+005
770	684	674	1113	1115	Rck45	450	6.125e+005
771	766	746	745	765	Rck45	890	8.886e+005
772	756	776	775	755	Rck45	890	8.886e+005
773	767	747	746	766	Rck45	890	6.356e+005
774	757	777	776	756	Rck45	890	6.356e+005
775	768	748	747	767	Rck45	890	6.356e+005
776	758	778	777	757	Rck45	890	6.356e+005
777	769	749	748	768	Rck45	890	6.356e+005
778	759	779	778	758	Rck45	890	6.356e+005
779	770	750	749	769	Rck45	890	6.356e+005
780	760	780	779	759	Rck45	890	6.356e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

781	771	751	750	770	Rck45	890	6.356e+005
782	761	781	780	760	Rck45	890	6.356e+005
783	772	752	751	771	Rck45	890	6.356e+005
784	762	782	781	761	Rck45	890	6.356e+005
785	773	753	752	772	Rck45	890	6.356e+005
786	763	783	782	762	Rck45	890	6.356e+005
787	774	754	753	773	Rck45	890	8.886e+005
788	764	784	783	763	Rck45	890	8.886e+005
789	685	583	1088	1086	Rck45	450	7.915e+005
790	625	695	1098	1096	Rck45	450	7.915e+005
791	705	635	1106	1104	Rck45	450	7.915e+005
792	675	715	1116	1114	Rck45	450	7.915e+005
793	592	694	1087	1089	Rck45	450	7.915e+005
794	704	634	1097	1099	Rck45	450	7.915e+005
795	644	714	1105	1107	Rck45	450	7.915e+005
796	724	684	1115	1117	Rck45	450	7.915e+005
810	1023	815	1024	1022	S355	20	5.142e+005
811	813	1015	1014	1011	S355	20	6.568e+005
812	1009	813	1011	1008	S355	20	6.568e+005
813	811	1001	1000	997	S355	20	6.568e+005
814	995	811	997	994	S355	20	6.568e+005
815	809	987	986	983	S355	20	6.568e+005
816	981	809	983	980	S355	20	6.568e+005
817	807	973	972	969	S355	20	6.568e+005
818	967	807	969	966	S355	20	6.568e+005
819	805	959	958	955	S355	20	6.568e+005
820	953	805	955	952	S355	20	6.568e+005
821	803	945	944	941	S355	20	6.568e+005
822	939	803	941	938	S355	20	6.568e+005
823	801	931	930	927	S355	20	6.568e+005
824	925	801	927	924	S355	20	6.568e+005
825	798	917	916	913	S355	20	6.671e+005
826	911	798	913	910	S355	20	5.805e+005
828	785	818	817	816	S355	20	5.267e+005
829	822	786	823	821	S355	20	6.568e+005
830	786	825	824	823	S355	20	6.568e+005
831	829	787	830	828	S355	20	6.568e+005
832	787	832	831	830	S355	20	6.568e+005
833	836	788	837	835	S355	20	6.568e+005
834	788	839	838	837	S355	20	6.568e+005
835	843	789	844	842	S355	20	6.568e+005
836	789	846	845	844	S355	20	6.568e+005
837	850	790	851	849	S355	20	6.568e+005
838	790	853	852	851	S355	20	6.568e+005
839	857	791	858	856	S355	20	6.568e+005
840	791	860	859	858	S355	20	6.568e+005
841	864	792	865	863	S355	20	6.568e+005
842	792	867	866	865	S355	20	6.568e+005
843	871	793	872	870	S355	20	6.568e+005
844	793	874	873	872	S355	20	6.568e+005
845	878	794	879	877	S355	20	6.568e+005
846	794	881	880	879	S355	20	6.568e+005
847	885	795	886	884	S355	20	6.568e+005
848	795	888	887	886	S355	20	6.568e+005
849	896	797	796	895	S355	20	6.568e+005
850	797	902	901	796	S355	20	6.568e+005
851	909	799	912	908	S355	20	6.568e+005
852	799	915	914	912	S355	20	6.568e+005
853	923	800	926	922	S355	20	6.568e+005
854	800	929	928	926	S355	20	6.568e+005
855	937	802	940	936	S355	20	6.568e+005
856	802	943	942	940	S355	20	6.568e+005
857	951	804	954	950	S355	20	6.568e+005
858	804	957	956	954	S355	20	6.568e+005
859	965	806	968	964	S355	20	6.568e+005
860	806	971	970	968	S355	20	6.568e+005
861	979	808	982	978	S355	20	6.568e+005
862	808	985	984	982	S355	20	6.568e+005
863	993	810	996	992	S355	20	6.568e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

864	810	999	998	996	S355	20	6.568e+005
865	1007	812	1010	1006	S355	20	6.568e+005
866	812	1013	1012	1010	S355	20	6.568e+005
867	1021	814	1025	1020	S355	20	5.267e+005
868	1019	1023	1022	1018	S355	20	5.267e+005
869	1015	1019	1018	1014	S355	20	6.568e+005
870	1005	1009	1008	1004	S355	20	6.568e+005
871	1001	1005	1004	1000	S355	20	6.568e+005
872	991	995	994	990	S355	20	6.568e+005
873	987	991	990	986	S355	20	6.568e+005
874	977	981	980	976	S355	20	6.568e+005
875	973	977	976	972	S355	20	6.568e+005
876	963	967	966	962	S355	20	6.568e+005
878	959	963	962	958	S355	20	6.568e+005
881	949	953	952	948	S355	20	6.568e+005
883	945	949	948	944	S355	20	6.568e+005
886	935	939	938	934	S355	20	6.568e+005
887	931	935	934	930	S355	20	6.568e+005
890	921	925	924	920	S355	20	6.568e+005
891	917	921	920	916	S355	20	6.568e+005
893	907	911	910	906	S355	20	6.568e+005
894	901	907	906	903	S355	20	6.804e+005
895	796	901	903	900	S355	20	5.545e+005
899	818	820	819	817	S355	20	5.267e+005
900	820	822	821	819	S355	20	6.568e+005
901	825	827	826	824	S355	20	6.568e+005
902	827	829	828	826	S355	20	6.568e+005
903	832	834	833	831	S355	20	6.568e+005
904	834	836	835	833	S355	20	6.568e+005
905	839	841	840	838	S355	20	6.568e+005
906	841	843	842	840	S355	20	6.568e+005
907	846	848	847	845	S355	20	6.568e+005
908	848	850	849	847	S355	20	6.568e+005
909	853	855	854	852	S355	20	6.568e+005
910	855	857	856	854	S355	20	6.568e+005
911	860	862	861	859	S355	20	6.568e+005
912	862	864	863	861	S355	20	6.568e+005
913	867	869	868	866	S355	20	6.568e+005
914	869	871	870	868	S355	20	6.568e+005
915	874	876	875	873	S355	20	6.568e+005
916	876	878	877	875	S355	20	6.568e+005
917	881	883	882	880	S355	20	6.568e+005
918	883	885	884	882	S355	20	6.568e+005
919	888	892	891	887	S355	20	6.568e+005
920	892	896	895	891	S355	20	6.568e+005
921	902	905	904	901	S355	20	6.568e+005
922	905	909	908	904	S355	20	6.568e+005
923	915	919	918	914	S355	20	6.568e+005
924	919	923	922	918	S355	20	6.568e+005
925	929	933	932	928	S355	20	6.568e+005
926	933	937	936	932	S355	20	6.568e+005
927	943	947	946	942	S355	20	6.568e+005
928	947	951	950	946	S355	20	6.568e+005
929	957	961	960	956	S355	20	6.568e+005
930	961	965	964	960	S355	20	6.568e+005
931	971	975	974	970	S355	20	6.568e+005
932	975	979	978	974	S355	20	6.568e+005
933	985	989	988	984	S355	20	6.568e+005
934	989	993	992	988	S355	20	6.568e+005
935	999	1003	1002	998	S355	20	6.568e+005
936	1003	1007	1006	1002	S355	20	6.568e+005
937	1013	1017	1016	1012	S355	20	6.568e+005
938	1017	1021	1020	1016	S355	20	5.267e+005
939	695	725	1100	1098	Rck45	450	6.154e+005
940	735	705	1104	1102	Rck45	450	6.154e+005
941	1027	766	765	1026	Rck45	690	8.884e+005
942	776	1037	1036	775	Rck45	690	8.884e+005
943	1028	767	766	1027	Rck45	690	6.354e+005
944	777	1038	1037	776	Rck45	690	6.354e+005

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	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

945	1029	768	767	1028	Rck45	690	6.354e+005
946	778	1039	1038	777	Rck45	690	6.354e+005
947	1030	769	768	1029	Rck45	690	6.354e+005
948	779	1040	1039	778	Rck45	690	6.354e+005
949	1031	770	769	1030	Rck45	690	6.354e+005
950	780	1041	1040	779	Rck45	690	6.354e+005
951	1032	771	770	1031	Rck45	690	6.354e+005
952	781	1042	1041	780	Rck45	690	6.354e+005
953	1033	772	771	1032	Rck45	690	6.354e+005
954	782	1043	1042	781	Rck45	690	6.354e+005
955	1034	773	772	1033	Rck45	690	6.354e+005
956	783	1044	1043	782	Rck45	690	6.354e+005
957	1035	774	773	1034	Rck45	690	8.884e+005
958	784	1045	1044	783	Rck45	690	8.884e+005
959	734	704	1099	1101	Rck45	450	6.154e+005
960	714	744	1103	1105	Rck45	450	6.154e+005
963	1047	1027	1026	1046	Rck45	690	8.884e+005
964	1037	1057	1056	1036	Rck45	690	8.884e+005
965	1048	1028	1027	1047	Rck45	690	6.354e+005
966	1038	1058	1057	1037	Rck45	690	6.354e+005
967	1049	1029	1028	1048	Rck45	690	6.354e+005
968	1039	1059	1058	1038	Rck45	690	6.354e+005
969	1050	1030	1029	1049	Rck45	690	6.354e+005
970	1040	1060	1059	1039	Rck45	690	6.354e+005
971	1051	1031	1030	1050	Rck45	690	6.354e+005
972	1041	1061	1060	1040	Rck45	690	6.354e+005
973	1052	1032	1031	1051	Rck45	690	6.354e+005
974	1042	1062	1061	1041	Rck45	690	6.354e+005
975	1053	1033	1032	1052	Rck45	690	6.354e+005
976	1043	1063	1062	1042	Rck45	690	6.354e+005
977	1054	1034	1033	1053	Rck45	690	6.354e+005
978	1044	1064	1063	1043	Rck45	690	6.354e+005
979	1055	1035	1034	1054	Rck45	690	8.884e+005
980	1045	1065	1064	1044	Rck45	690	8.884e+005
981	725	745	1158	1100	Rck45	450	6.029e+005
982	755	735	1102	1160	Rck45	450	6.029e+005
983	754	734	1101	1159	Rck45	450	6.029e+005
984	744	764	1161	1103	Rck45	450	6.029e+005
985	1067	1047	1046	1066	Rck45	690	8.882e+005
986	1057	1077	1076	1056	Rck45	690	8.882e+005
987	1068	1048	1047	1067	Rck45	690	6.353e+005
988	1058	1078	1077	1057	Rck45	690	6.353e+005
989	1069	1049	1048	1068	Rck45	690	6.353e+005
990	1059	1079	1078	1058	Rck45	690	6.353e+005
991	1070	1050	1049	1069	Rck45	690	6.353e+005
992	1060	1080	1079	1059	Rck45	690	6.353e+005
993	1071	1051	1050	1070	Rck45	690	6.353e+005
994	1061	1081	1080	1060	Rck45	690	6.353e+005
995	1072	1052	1051	1071	Rck45	690	6.353e+005
996	1062	1082	1081	1061	Rck45	690	6.353e+005
997	1073	1053	1052	1072	Rck45	690	6.353e+005
998	1063	1083	1082	1062	Rck45	690	6.353e+005
999	1074	1054	1053	1073	Rck45	690	6.353e+005
1000	1064	1084	1083	1063	Rck45	690	6.353e+005
1001	1075	1055	1054	1074	Rck45	690	8.882e+005
1002	1065	1085	1084	1064	Rck45	690	8.882e+005
1003	745	765	1202	1158	Rck45	450	6.862e+005
1004	775	755	1160	1232	Rck45	450	6.862e+005
1005	774	754	1159	1203	Rck45	450	6.862e+005
1006	764	784	1233	1161	Rck45	450	6.862e+005
1008	1119	1067	1066	1118	Rck45	690	8.882e+005
1009	1077	1129	1128	1076	Rck45	690	8.882e+005
1010	1120	1068	1067	1119	Rck45	690	6.353e+005
1011	1078	1130	1129	1077	Rck45	690	6.353e+005
1012	1121	1069	1068	1120	Rck45	690	6.353e+005
1013	1079	1131	1130	1078	Rck45	690	6.353e+005
1014	1122	1070	1069	1121	Rck45	690	6.353e+005
1015	1080	1132	1131	1079	Rck45	690	6.353e+005
1016	1123	1071	1070	1122	Rck45	690	6.353e+005

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	Company				Client	
	Author				File Name	
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1017	1081	1133	1132	1080	Rck45	690	6.353e+005
1018	1124	1072	1071	1123	Rck45	690	6.353e+005
1019	1082	1134	1133	1081	Rck45	690	6.353e+005
1020	1125	1073	1072	1124	Rck45	690	6.353e+005
1021	1083	1135	1134	1082	Rck45	690	6.353e+005
1022	1126	1074	1073	1125	Rck45	690	6.353e+005
1023	1084	1136	1135	1083	Rck45	690	6.353e+005
1024	1127	1075	1074	1126	Rck45	690	8.882e+005
1025	1085	1137	1136	1084	Rck45	690	8.882e+005
1026	765	1026	1204	1202	Rck45	450	6.796e+005
1027	1036	775	1232	1230	Rck45	450	6.796e+005
1028	1035	774	1203	1205	Rck45	450	6.796e+005
1029	784	1045	1231	1233	Rck45	450	6.796e+005
1030	1139	1119	1118	1138	Rck45	550	8.88e+005
1031	1129	1149	1148	1128	Rck45	550	8.88e+005
1032	1140	1120	1119	1139	Rck45	550	6.352e+005
1033	1130	1150	1149	1129	Rck45	550	6.352e+005
1034	1141	1121	1120	1140	Rck45	550	6.352e+005
1035	1131	1151	1150	1130	Rck45	550	6.352e+005
1036	1142	1122	1121	1141	Rck45	550	6.352e+005
1037	1132	1152	1151	1131	Rck45	550	6.352e+005
1038	1143	1123	1122	1142	Rck45	550	6.352e+005
1039	1133	1153	1152	1132	Rck45	550	6.352e+005
1040	1144	1124	1123	1143	Rck45	550	6.352e+005
1041	1134	1154	1153	1133	Rck45	550	6.352e+005
1042	1145	1125	1124	1144	Rck45	550	6.352e+005
1043	1135	1155	1154	1134	Rck45	550	6.352e+005
1044	1146	1126	1125	1145	Rck45	550	6.352e+005
1045	1136	1156	1155	1135	Rck45	550	6.352e+005
1046	1147	1127	1126	1146	Rck45	550	8.88e+005
1047	1137	1157	1156	1136	Rck45	550	8.88e+005
1048	1026	1046	1206	1204	Rck45	450	5.831e+005
1049	1056	1036	1230	1228	Rck45	450	5.831e+005
1050	1055	1035	1205	1207	Rck45	450	5.831e+005
1051	1045	1065	1229	1231	Rck45	450	5.831e+005
1052	1163	1139	1138	1162	Rck45	550	8.88e+005
1053	1149	1173	1172	1148	Rck45	550	8.88e+005
1054	1164	1140	1139	1163	Rck45	550	6.352e+005
1055	1150	1174	1173	1149	Rck45	550	6.352e+005
1056	1165	1141	1140	1164	Rck45	550	6.352e+005
1057	1151	1175	1174	1150	Rck45	550	6.352e+005
1058	1166	1142	1141	1165	Rck45	550	6.352e+005
1059	1152	1176	1175	1151	Rck45	550	6.352e+005
1060	1167	1143	1142	1166	Rck45	550	6.352e+005
1061	1153	1177	1176	1152	Rck45	550	6.352e+005
1062	1168	1144	1143	1167	Rck45	550	6.352e+005
1063	1154	1178	1177	1153	Rck45	550	6.352e+005
1064	1169	1145	1144	1168	Rck45	550	6.352e+005
1065	1155	1179	1178	1154	Rck45	550	6.352e+005
1066	1170	1146	1145	1169	Rck45	550	6.352e+005
1067	1156	1180	1179	1155	Rck45	550	6.352e+005
1068	1171	1147	1146	1170	Rck45	550	8.88e+005
1069	1157	1181	1180	1156	Rck45	550	8.88e+005
1070	1046	1066	1254	1206	Rck45	450	5.482e+005
1071	1076	1056	1228	1256	Rck45	450	5.482e+005
1072	1075	1055	1207	1255	Rck45	450	5.482e+005
1073	1065	1085	1257	1229	Rck45	450	5.482e+005
1074	1183	1163	1162	1182	Rck45	550	8.882e+005
1075	1173	1193	1192	1172	Rck45	550	8.882e+005
1076	1184	1164	1163	1183	Rck45	550	6.353e+005
1077	1174	1194	1193	1173	Rck45	550	6.353e+005
1078	1185	1165	1164	1184	Rck45	550	6.353e+005
1079	1175	1195	1194	1174	Rck45	550	6.353e+005
1080	1186	1166	1165	1185	Rck45	550	6.353e+005
1081	1176	1196	1195	1175	Rck45	550	6.353e+005
1082	1187	1167	1166	1186	Rck45	550	6.353e+005
1083	1177	1197	1196	1176	Rck45	550	6.353e+005
1084	1188	1168	1167	1187	Rck45	550	6.353e+005
1085	1178	1198	1197	1177	Rck45	550	6.353e+005

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	Company				Client	
	Author				File Name	
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1086	1189	1169	1168	1188	Rck45	550	6.353e+005
1087	1179	1199	1198	1178	Rck45	550	6.353e+005
1088	1190	1170	1169	1189	Rck45	550	6.353e+005
1089	1180	1200	1199	1179	Rck45	550	6.353e+005
1090	1191	1171	1170	1190	Rck45	550	8.882e+005
1091	1181	1201	1200	1180	Rck45	550	8.882e+005
1092	1066	1118	1298	1254	Rck45	450	5.749e+005
1093	1128	1076	1256	1308	Rck45	450	5.749e+005
1094	1127	1075	1255	1299	Rck45	450	5.749e+005
1095	1085	1137	1309	1257	Rck45	450	5.749e+005
1096	1709	1712	815	1024	S355	20	5.186e+005
1097	1695	1696	813	1011	S355	20	5.202e+005
1098	1679	1680	811	997	S355	20	5.202e+005
1099	1663	1664	809	983	S355	20	5.202e+005
1100	1647	1648	807	969	S355	20	5.202e+005
1101	1631	1632	805	955	S355	20	5.202e+005
1102	1615	1616	803	941	S355	20	5.202e+005
1103	1599	1600	801	927	S355	20	5.202e+005
1104	1584	1581	798	913	S355	20	4.967e+005
1105	1568	1565	796	900	S355	20	4.208e+005
1106	1470	1471	785	816	S355	20	5.202e+005
1107	1478	1479	786	823	S355	20	5.202e+005
1108	1486	1487	787	830	S355	20	5.202e+005
1109	1494	1495	788	837	S355	20	5.202e+005
1110	1502	1503	789	844	S355	20	5.202e+005
1111	1510	1511	790	851	S355	20	5.202e+005
1112	1518	1519	791	858	S355	20	5.202e+005
1113	1526	1527	792	865	S355	20	5.202e+005
1114	1534	1535	793	872	S355	20	5.202e+005
1115	1542	1543	794	879	S355	20	5.202e+005
1116	1551	1552	795	886	S355	20	5.202e+005
1117	1565	1567	797	796	S355	20	5.202e+005
1118	1582	1583	799	912	S355	20	5.202e+005
1119	1597	1598	800	926	S355	20	5.202e+005
1120	1613	1614	802	940	S355	20	5.202e+005
1121	1629	1630	804	954	S355	20	5.202e+005
1122	1645	1646	806	968	S355	20	5.202e+005
1123	1661	1662	808	982	S355	20	5.202e+005
1124	1677	1678	810	996	S355	20	5.202e+005
1125	1693	1694	812	1010	S355	20	5.202e+005
1126	1710	1711	814	1025	S355	20	5.202e+005
1127	1707	1022	1024	1709	S355	16	1.013e+006
1128	1703	1018	1022	1707	S355	16	1.013e+006
1129	1699	1014	1018	1703	S355	16	1.262e+006
1130	1695	1011	1014	1699	S355	16	1.262e+006
1131	1691	1008	1011	1695	S355	16	1.263e+006
1132	1687	1004	1008	1691	S355	16	1.263e+006
1133	1683	1000	1004	1687	S355	16	1.262e+006
1134	1679	997	1000	1683	S355	16	1.262e+006
1135	1675	994	997	1679	S355	16	1.263e+006
1136	1671	990	994	1675	S355	16	1.262e+006
1137	1667	986	990	1671	S355	16	1.263e+006
1138	1663	983	986	1667	S355	16	1.262e+006
1139	1659	980	983	1663	S355	16	1.262e+006
1140	1655	976	980	1659	S355	16	1.263e+006
1141	1651	972	976	1655	S355	16	1.263e+006
1142	1647	969	972	1651	S355	16	1.262e+006
1143	1643	966	969	1647	S355	16	1.263e+006
1144	1639	962	966	1643	S355	16	1.262e+006
1145	1635	958	962	1639	S355	16	1.263e+006
1146	1631	955	958	1635	S355	16	1.263e+006
1147	1627	952	955	1631	S355	16	1.262e+006
1148	1623	948	952	1627	S355	16	1.263e+006
1149	1619	944	948	1623	S355	16	1.262e+006
1150	1615	941	944	1619	S355	16	1.263e+006
1151	1611	938	941	1615	S355	16	1.263e+006
1152	1607	934	938	1611	S355	16	1.262e+006
1153	1603	930	934	1607	S355	16	1.263e+006
1154	1599	927	930	1603	S355	16	1.262e+006

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	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1155	1595	924	927	1599	S355	16	1.263e+006
1156	1591	920	924	1595	S355	16	1.262e+006
1157	1587	916	920	1591	S355	16	1.263e+006
1158	1584	913	916	1587	S355	16	1.263e+006
1159	1579	910	913	1584	S355	16	1.262e+006
1160	1575	906	910	1579	S355	16	1.263e+006
1161	1572	903	906	1575	S355	16	1.262e+006
1162	1568	900	903	1572	S355	16	1.263e+006
1167	1470	816	817	1472	S355	16	1.013e+006
1168	1472	817	819	1474	S355	16	1.012e+006
1169	1474	819	821	1476	S355	16	1.262e+006
1170	1476	821	823	1478	S355	16	1.263e+006
1171	1478	823	824	1480	S355	16	1.262e+006
1172	1480	824	826	1482	S355	16	1.262e+006
1173	1482	826	828	1484	S355	16	1.263e+006
1174	1484	828	830	1486	S355	16	1.262e+006
1175	1486	830	831	1488	S355	16	1.262e+006
1176	1488	831	833	1490	S355	16	1.263e+006
1177	1490	833	835	1492	S355	16	1.262e+006
1178	1492	835	837	1494	S355	16	1.262e+006
1179	1494	837	838	1496	S355	16	1.262e+006
1180	1496	838	840	1498	S355	16	1.262e+006
1181	1498	840	842	1500	S355	16	1.263e+006
1182	1500	842	844	1502	S355	16	1.262e+006
1183	1502	844	845	1504	S355	16	1.263e+006
1184	1504	845	847	1506	S355	16	1.262e+006
1185	1506	847	849	1508	S355	16	1.262e+006
1186	1508	849	851	1510	S355	16	1.263e+006
1187	1510	851	852	1512	S355	16	1.262e+006
1188	1512	852	854	1514	S355	16	1.263e+006
1189	1514	854	856	1516	S355	16	1.262e+006
1190	1516	856	858	1518	S355	16	1.262e+006
1191	1518	858	859	1520	S355	16	1.263e+006
1192	1520	859	861	1522	S355	16	1.262e+006
1193	1522	861	863	1524	S355	16	1.262e+006
1194	1524	863	865	1526	S355	16	1.262e+006
1195	1526	865	866	1528	S355	16	1.262e+006
1196	1528	866	868	1530	S355	16	1.263e+006
1197	1530	868	870	1532	S355	16	1.262e+006
1198	1532	870	872	1534	S355	16	1.262e+006
1199	1534	872	873	1536	S355	16	1.262e+006
1200	1536	873	875	1538	S355	16	1.262e+006
1201	1538	875	877	1540	S355	16	1.262e+006
1202	1540	877	879	1542	S355	16	1.262e+006
1203	1542	879	880	1544	S355	16	1.262e+006
1204	1544	880	882	1546	S355	16	1.262e+006
1205	1546	882	884	1548	S355	16	1.263e+006
1206	1548	884	886	1551	S355	16	1.262e+006
1207	1551	886	887	1553	S355	16	1.262e+006
1208	1553	887	891	1557	S355	16	1.262e+006
1209	1557	891	895	1561	S355	16	1.262e+006
1210	1561	895	796	1565	S355	16	1.263e+006
1211	1565	796	901	1569	S355	16	1.262e+006
1212	1569	901	904	1573	S355	16	1.262e+006
1213	1573	904	908	1577	S355	16	1.262e+006
1214	1577	908	912	1582	S355	16	1.262e+006
1215	1582	912	914	1585	S355	16	1.263e+006
1216	1585	914	918	1589	S355	16	1.262e+006
1217	1589	918	922	1593	S355	16	1.262e+006
1218	1593	922	926	1597	S355	16	1.262e+006
1219	1597	926	928	1601	S355	16	1.262e+006
1220	1601	928	932	1605	S355	16	1.263e+006
1221	1605	932	936	1609	S355	16	1.262e+006
1222	1609	936	940	1613	S355	16	1.262e+006
1223	1613	940	942	1617	S355	16	1.262e+006
1224	1617	942	946	1621	S355	16	1.262e+006
1225	1621	946	950	1625	S355	16	1.263e+006
1226	1625	950	954	1629	S355	16	1.262e+006
1227	1629	954	956	1633	S355	16	1.262e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1228	1633	956	960	1637	S355	16	1.262e+006
1229	1637	960	964	1641	S355	16	1.262e+006
1230	1641	964	968	1645	S355	16	1.263e+006
1231	1645	968	970	1649	S355	16	1.262e+006
1232	1649	970	974	1653	S355	16	1.262e+006
1233	1653	974	978	1657	S355	16	1.262e+006
1234	1657	978	982	1661	S355	16	1.262e+006
1235	1661	982	984	1665	S355	16	1.263e+006
1236	1665	984	988	1669	S355	16	1.262e+006
1237	1669	988	992	1673	S355	16	1.262e+006
1238	1673	992	996	1677	S355	16	1.262e+006
1239	1677	996	998	1681	S355	16	1.262e+006
1240	1681	998	1002	1685	S355	16	1.263e+006
1241	1685	1002	1006	1689	S355	16	1.262e+006
1242	1689	1006	1010	1693	S355	16	1.262e+006
1243	1693	1010	1012	1697	S355	16	1.262e+006
1244	1697	1012	1016	1701	S355	16	1.262e+006
1245	1701	1016	1020	1705	S355	16	1.013e+006
1246	1705	1020	1025	1710	S355	16	1.013e+006
1247	1209	1183	1182	1208	Rck45	550	8.882e+005
1248	1193	1219	1218	1192	Rck45	550	8.882e+005
1249	1210	1184	1183	1209	Rck45	550	6.353e+005
1250	1194	1220	1219	1193	Rck45	550	6.353e+005
1251	1211	1185	1184	1210	Rck45	550	6.353e+005
1252	1195	1221	1220	1194	Rck45	550	6.353e+005
1253	1212	1186	1185	1211	Rck45	550	6.353e+005
1254	1196	1222	1221	1195	Rck45	550	6.353e+005
1255	1213	1187	1186	1212	Rck45	550	6.353e+005
1256	1197	1223	1222	1196	Rck45	550	6.353e+005
1257	1214	1188	1187	1213	Rck45	550	6.353e+005
1258	1198	1224	1223	1197	Rck45	550	6.353e+005
1259	1215	1189	1188	1214	Rck45	550	6.353e+005
1260	1199	1225	1224	1198	Rck45	550	6.353e+005
1261	1216	1190	1189	1215	Rck45	550	6.353e+005
1262	1200	1226	1225	1199	Rck45	550	6.353e+005
1263	1217	1191	1190	1216	Rck45	550	8.882e+005
1264	1201	1227	1226	1200	Rck45	550	8.882e+005
1265	1118	1138	1300	1298	Rck45	450	5.459e+005
1266	1148	1128	1308	1306	Rck45	450	5.459e+005
1267	1147	1127	1299	1301	Rck45	450	5.459e+005
1268	1137	1157	1307	1309	Rck45	450	5.459e+005
1269	1138	1162	1302	1300	Rck45	450	4.611e+005
1270	1172	1148	1306	1304	Rck45	450	4.611e+005
1271	1171	1147	1301	1303	Rck45	450	4.611e+005
1272	1157	1181	1305	1307	Rck45	450	4.611e+005
1273	1235	1209	1208	1234	Rck45	440	8.874e+005
1274	1219	1245	1244	1218	Rck45	440	8.874e+005
1275	1236	1210	1209	1235	Rck45	440	6.347e+005
1276	1220	1246	1245	1219	Rck45	440	6.347e+005
1277	1237	1211	1210	1236	Rck45	440	6.347e+005
1278	1221	1247	1246	1220	Rck45	440	6.347e+005
1279	1238	1212	1211	1237	Rck45	440	6.347e+005
1280	1222	1248	1247	1221	Rck45	440	6.347e+005
1281	1239	1213	1212	1238	Rck45	440	6.347e+005
1282	1223	1249	1248	1222	Rck45	440	6.347e+005
1283	1240	1214	1213	1239	Rck45	440	6.347e+005
1284	1224	1250	1249	1223	Rck45	440	6.347e+005
1285	1241	1215	1214	1240	Rck45	440	6.347e+005
1286	1225	1251	1250	1224	Rck45	440	6.347e+005
1287	1242	1216	1215	1241	Rck45	440	6.347e+005
1288	1226	1252	1251	1225	Rck45	440	6.347e+005
1289	1243	1217	1216	1242	Rck45	440	8.874e+005
1290	1227	1253	1252	1226	Rck45	440	8.874e+005
1291	1086	1088	1396	1394	Rck45	450	8.738e+005
1292	1088	1090	1398	1396	Rck45	450	6.125e+005
1293	1090	1092	1400	1398	Rck45	450	6.615e+005
1294	1092	1094	1402	1400	Rck45	450	6.615e+005
1295	1094	1096	1404	1402	Rck45	450	6.125e+005
1296	1096	1098	1406	1404	Rck45	450	8.738e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1297	1098	1100	1408	1406	Rck45	450	8.248e+005
1298	1102	1104	1412	1410	Rck45	450	8.248e+005
1299	1104	1106	1414	1412	Rck45	450	8.738e+005
1300	1106	1108	1416	1414	Rck45	450	6.125e+005
1301	1108	1110	1418	1416	Rck45	450	6.615e+005
1302	1110	1112	1420	1418	Rck45	450	6.615e+005
1303	1112	1114	1422	1420	Rck45	450	6.125e+005
1304	1114	1116	1424	1422	Rck45	450	8.738e+005
1305	1089	1087	1395	1397	Rck45	450	8.738e+005
1306	1091	1089	1397	1399	Rck45	450	6.125e+005
1307	1093	1091	1399	1401	Rck45	450	6.615e+005
1308	1095	1093	1401	1403	Rck45	450	6.615e+005
1309	1097	1095	1403	1405	Rck45	450	6.125e+005
1310	1099	1097	1405	1407	Rck45	450	8.738e+005
1311	1101	1099	1407	1409	Rck45	450	8.248e+005
1312	1105	1103	1411	1413	Rck45	450	8.248e+005
1313	1107	1105	1413	1415	Rck45	450	8.738e+005
1314	1109	1107	1415	1417	Rck45	450	6.125e+005
1315	1111	1109	1417	1419	Rck45	450	6.615e+005
1316	1113	1111	1419	1421	Rck45	450	6.615e+005
1317	1115	1113	1421	1423	Rck45	450	6.125e+005
1318	1117	1115	1423	1425	Rck45	450	8.738e+005
1319	1259	1235	1234	1258	Rck45	440	8.874e+005
1320	1245	1269	1268	1244	Rck45	440	8.874e+005
1321	1260	1236	1235	1259	Rck45	440	6.347e+005
1322	1246	1270	1269	1245	Rck45	440	6.347e+005
1323	1261	1237	1236	1260	Rck45	440	6.347e+005
1324	1247	1271	1270	1246	Rck45	440	6.347e+005
1325	1262	1238	1237	1261	Rck45	440	6.347e+005
1326	1248	1272	1271	1247	Rck45	440	6.347e+005
1327	1263	1239	1238	1262	Rck45	440	6.347e+005
1328	1249	1273	1272	1248	Rck45	440	6.347e+005
1329	1264	1240	1239	1263	Rck45	440	6.347e+005
1330	1250	1274	1273	1249	Rck45	440	6.347e+005
1331	1265	1241	1240	1264	Rck45	440	6.347e+005
1332	1251	1275	1274	1250	Rck45	440	6.347e+005
1333	1266	1242	1241	1265	Rck45	440	6.347e+005
1334	1252	1276	1275	1251	Rck45	440	6.347e+005
1335	1267	1243	1242	1266	Rck45	440	8.874e+005
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1337	1162	1182	1370	1302	Rck45	450	4.704e+005
1338	1192	1172	1304	1372	Rck45	450	4.704e+005
1339	1191	1171	1303	1371	Rck45	450	4.704e+005
1340	1181	1201	1373	1305	Rck45	450	4.704e+005
1341	1100	1158	1466	1408	Rck45	450	7.784e+005
1342	1160	1102	1410	1468	Rck45	450	7.784e+005
1343	1159	1101	1409	1467	Rck45	450	7.784e+005
1344	1103	1161	1469	1411	Rck45	450	7.784e+005
1345	1279	1259	1258	1278	Rck45	440	8.879e+005
1346	1269	1289	1288	1268	Rck45	440	8.879e+005
1347	1280	1260	1259	1279	Rck45	440	6.351e+005
1348	1270	1290	1289	1269	Rck45	440	6.351e+005
1349	1281	1261	1260	1280	Rck45	440	6.351e+005
1350	1271	1291	1290	1270	Rck45	440	6.351e+005
1351	1282	1262	1261	1281	Rck45	440	6.351e+005
1352	1272	1292	1291	1271	Rck45	440	6.351e+005
1353	1283	1263	1262	1282	Rck45	440	6.351e+005
1354	1273	1293	1292	1272	Rck45	440	6.351e+005
1355	1284	1264	1263	1283	Rck45	440	6.351e+005
1356	1274	1294	1293	1273	Rck45	440	6.351e+005
1357	1285	1265	1264	1284	Rck45	440	6.351e+005
1358	1275	1295	1294	1274	Rck45	440	6.351e+005
1359	1286	1266	1265	1285	Rck45	440	6.351e+005
1360	1276	1296	1295	1275	Rck45	440	6.351e+005
1361	1287	1267	1266	1286	Rck45	440	8.879e+005
1362	1277	1297	1296	1276	Rck45	440	8.879e+005
1363	1182	1208	1733	1370	Rck45	450	5.737e+005
1364	1218	1192	1372	1743	Rck45	450	5.737e+005
1365	1311	1279	1278	1310	Rck45	440	8.879e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1366	1289	1321	1320	1288	Rck45	440	8.879e+005
1367	1312	1280	1279	1311	Rck45	440	6.351e+005
1368	1290	1322	1321	1289	Rck45	440	6.351e+005
1369	1313	1281	1280	1312	Rck45	440	6.351e+005
1370	1291	1323	1322	1290	Rck45	440	6.351e+005
1371	1314	1282	1281	1313	Rck45	440	6.351e+005
1372	1292	1324	1323	1291	Rck45	440	6.351e+005
1373	1315	1283	1282	1314	Rck45	440	6.351e+005
1374	1293	1325	1324	1292	Rck45	440	6.351e+005
1375	1316	1284	1283	1315	Rck45	440	6.351e+005
1376	1294	1326	1325	1293	Rck45	440	6.351e+005
1377	1317	1285	1284	1316	Rck45	440	6.351e+005
1378	1295	1327	1326	1294	Rck45	440	6.351e+005
1379	1318	1286	1285	1317	Rck45	440	6.351e+005
1380	1296	1328	1327	1295	Rck45	440	6.351e+005
1381	1319	1287	1286	1318	Rck45	440	8.879e+005
1382	1297	1329	1328	1296	Rck45	440	8.879e+005
1383	1217	1191	1371	1734	Rck45	450	5.737e+005
1384	1201	1227	1744	1373	Rck45	450	5.737e+005
1385	1158	1202	1745	1466	Rck45	450	6.856e+005
1386	1232	1160	1468	1755	Rck45	450	6.856e+005
1387	1203	1159	1467	1746	Rck45	450	6.856e+005
1388	1161	1233	1756	1469	Rck45	450	6.856e+005
1389	1331	1311	1310	1330	Rck45	320	8.872e+005
1390	1321	1341	1340	1320	Rck45	320	8.872e+005
1391	1332	1312	1311	1331	Rck45	320	6.345e+005
1392	1322	1342	1341	1321	Rck45	320	6.345e+005
1393	1333	1313	1312	1332	Rck45	320	6.345e+005
1394	1323	1343	1342	1322	Rck45	320	6.345e+005
1395	1334	1314	1313	1333	Rck45	320	6.345e+005
1396	1324	1344	1343	1323	Rck45	320	6.345e+005
1397	1335	1315	1314	1334	Rck45	320	6.345e+005
1398	1325	1345	1344	1324	Rck45	320	6.345e+005
1399	1336	1316	1315	1335	Rck45	320	6.345e+005
1400	1326	1346	1345	1325	Rck45	320	6.345e+005
1401	1337	1317	1316	1336	Rck45	320	6.345e+005
1402	1327	1347	1346	1326	Rck45	320	6.345e+005
1403	1338	1318	1317	1337	Rck45	320	6.345e+005
1404	1328	1348	1347	1327	Rck45	320	6.345e+005
1405	1339	1319	1318	1338	Rck45	320	8.872e+005
1406	1329	1349	1348	1328	Rck45	320	8.872e+005
1407	1202	1204	1747	1745	Rck45	450	6.392e+005
1408	1204	1206	1749	1747	Rck45	450	6.392e+005
1409	1228	1230	1753	1751	Rck45	450	6.392e+005
1410	1230	1232	1755	1753	Rck45	450	6.392e+005
1411	1205	1203	1746	1748	Rck45	450	6.392e+005
1412	1207	1205	1748	1750	Rck45	450	6.392e+005
1413	1231	1229	1752	1754	Rck45	450	6.392e+005
1414	1233	1231	1754	1756	Rck45	450	6.392e+005
1415	1208	1234	1735	1733	Rck45	450	5.955e+005
1416	1244	1218	1743	1741	Rck45	450	5.955e+005
1417	1243	1217	1734	1736	Rck45	450	5.955e+005
1418	1227	1253	1742	1744	Rck45	450	5.955e+005
1419	1351	1331	1330	1350	Rck45	320	8.872e+005
1420	1341	1361	1360	1340	Rck45	320	8.872e+005
1421	1352	1332	1331	1351	Rck45	320	6.345e+005
1422	1342	1362	1361	1341	Rck45	320	6.345e+005
1423	1353	1333	1332	1352	Rck45	320	6.345e+005
1424	1343	1363	1362	1342	Rck45	320	6.345e+005
1425	1354	1334	1333	1353	Rck45	320	6.345e+005
1426	1344	1364	1363	1343	Rck45	320	6.345e+005
1427	1355	1335	1334	1354	Rck45	320	6.345e+005
1428	1345	1365	1364	1344	Rck45	320	6.345e+005
1429	1356	1336	1335	1355	Rck45	320	6.345e+005
1430	1346	1366	1365	1345	Rck45	320	6.345e+005
1431	1357	1337	1336	1356	Rck45	320	6.345e+005
1432	1347	1367	1366	1346	Rck45	320	6.345e+005
1433	1358	1338	1337	1357	Rck45	320	6.345e+005
1434	1348	1368	1367	1347	Rck45	320	6.345e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1435	1359	1339	1338	1358	Rck45	320	8.872e+005
1436	1349	1369	1368	1348	Rck45	320	8.872e+005
1437	1234	1258	1737	1735	Rck45	450	5.358e+005
1438	1268	1244	1741	1739	Rck45	450	5.358e+005
1439	1267	1243	1736	1738	Rck45	450	5.358e+005
1440	1253	1277	1740	1742	Rck45	450	5.358e+005
1441	1206	1254	1777	1749	Rck45	450	6.099e+005
1442	1256	1228	1751	1799	Rck45	450	6.099e+005
1443	1255	1207	1750	1778	Rck45	450	6.099e+005
1444	1229	1257	1800	1752	Rck45	450	6.099e+005
1445	1375	1351	1350	1374	Rck45	320	8.873e+005
1446	1361	1385	1384	1360	Rck45	320	8.873e+005
1447	1376	1352	1351	1375	Rck45	320	6.346e+005
1448	1362	1386	1385	1361	Rck45	320	6.346e+005
1449	1377	1353	1352	1376	Rck45	320	6.346e+005
1450	1363	1387	1386	1362	Rck45	320	6.346e+005
1451	1378	1354	1353	1377	Rck45	320	6.346e+005
1452	1364	1388	1387	1363	Rck45	320	6.346e+005
1453	1379	1355	1354	1378	Rck45	320	6.346e+005
1454	1365	1389	1388	1364	Rck45	320	6.346e+005
1455	1380	1356	1355	1379	Rck45	320	6.346e+005
1456	1366	1390	1389	1365	Rck45	320	6.346e+005
1457	1381	1357	1356	1380	Rck45	320	6.346e+005
1458	1367	1391	1390	1366	Rck45	320	6.346e+005
1459	1382	1358	1357	1381	Rck45	320	6.346e+005
1460	1368	1392	1391	1367	Rck45	320	6.346e+005
1461	1383	1359	1358	1382	Rck45	320	8.873e+005
1462	1369	1393	1392	1368	Rck45	320	8.873e+005
1463	1258	1278	1821	1737	Rck45	450	5.241e+005
1464	1288	1268	1739	1823	Rck45	450	5.241e+005
1465	1287	1267	1738	1822	Rck45	450	5.241e+005
1466	1277	1297	1824	1740	Rck45	450	5.241e+005
1467	1254	1298	1845	1777	Rck45	450	5.512e+005
1468	1308	1256	1799	1855	Rck45	450	5.512e+005
1469	1299	1255	1778	1846	Rck45	450	5.512e+005
1470	1257	1309	1856	1800	Rck45	450	5.512e+005
1471	1427	1375	1374	1426	Rck45	320	8.873e+005
1472	1385	1437	1436	1384	Rck45	320	8.873e+005
1473	1428	1376	1375	1427	Rck45	320	6.346e+005
1474	1386	1438	1437	1385	Rck45	320	6.346e+005
1475	1429	1377	1376	1428	Rck45	320	6.346e+005
1476	1387	1439	1438	1386	Rck45	320	6.346e+005
1477	1430	1378	1377	1429	Rck45	320	6.346e+005
1478	1388	1440	1439	1387	Rck45	320	6.346e+005
1479	1431	1379	1378	1430	Rck45	320	6.346e+005
1480	1389	1441	1440	1388	Rck45	320	6.346e+005
1481	1432	1380	1379	1431	Rck45	320	6.346e+005
1482	1390	1442	1441	1389	Rck45	320	6.346e+005
1483	1433	1381	1380	1432	Rck45	320	6.346e+005
1484	1391	1443	1442	1390	Rck45	320	6.346e+005
1485	1434	1382	1381	1433	Rck45	320	6.346e+005
1486	1392	1444	1443	1391	Rck45	320	6.346e+005
1487	1435	1383	1382	1434	Rck45	320	8.873e+005
1488	1393	1445	1444	1392	Rck45	320	8.873e+005
1489	1298	1300	1847	1845	Rck45	450	5.218e+005
1490	1300	1302	1849	1847	Rck45	450	5.218e+005
1491	1304	1306	1853	1851	Rck45	450	5.218e+005
1492	1306	1308	1855	1853	Rck45	450	5.218e+005
1493	1301	1299	1846	1848	Rck45	450	5.218e+005
1494	1303	1301	1848	1850	Rck45	450	5.218e+005
1495	1307	1305	1852	1854	Rck45	450	5.218e+005
1496	1309	1307	1854	1856	Rck45	450	5.218e+005
1497	1447	1427	1426	1446	Rck45	260	8.872e+005
1498	1437	1457	1456	1436	Rck45	260	8.872e+005
1499	1448	1428	1427	1447	Rck45	260	6.346e+005
1500	1438	1458	1457	1437	Rck45	260	6.346e+005
1501	1449	1429	1428	1448	Rck45	260	6.346e+005
1502	1439	1459	1458	1438	Rck45	260	6.346e+005
1503	1450	1430	1429	1449	Rck45	260	6.346e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1504	1440	1460	1459	1439	Rck45	260	6.346e+005
1505	1451	1431	1430	1450	Rck45	260	6.346e+005
1506	1441	1461	1460	1440	Rck45	260	6.346e+005
1507	1452	1432	1431	1451	Rck45	260	6.346e+005
1508	1442	1462	1461	1441	Rck45	260	6.346e+005
1509	1453	1433	1432	1452	Rck45	260	6.346e+005
1510	1443	1463	1462	1442	Rck45	260	6.346e+005
1511	1454	1434	1433	1453	Rck45	260	6.346e+005
1512	1444	1464	1463	1443	Rck45	260	6.346e+005
1513	1455	1435	1434	1454	Rck45	260	8.872e+005
1514	1445	1465	1464	1444	Rck45	260	8.872e+005
1515	1278	1310	1917	1821	Rck45	450	5.605e+005
1516	1320	1288	1823	1927	Rck45	450	5.605e+005
1517	1319	1287	1822	1918	Rck45	450	5.605e+005
1518	1297	1329	1928	1824	Rck45	450	5.605e+005
1519	1714	1447	1446	1713	Rck45	260	8.872e+005
1520	1457	1724	1723	1456	Rck45	260	8.872e+005
1521	1715	1448	1447	1714	Rck45	260	6.346e+005
1522	1458	1725	1724	1457	Rck45	260	6.346e+005
1523	1716	1449	1448	1715	Rck45	260	6.346e+005
1524	1459	1726	1725	1458	Rck45	260	6.346e+005
1525	1717	1450	1449	1716	Rck45	260	6.346e+005
1526	1460	1727	1726	1459	Rck45	260	6.346e+005
1527	1718	1451	1450	1717	Rck45	260	6.346e+005
1528	1461	1728	1727	1460	Rck45	260	6.346e+005
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1530	1462	1729	1728	1461	Rck45	260	6.346e+005
1531	1720	1453	1452	1719	Rck45	260	6.346e+005
1532	1463	1730	1729	1462	Rck45	260	6.346e+005
1533	1721	1454	1453	1720	Rck45	260	6.346e+005
1534	1464	1731	1730	1463	Rck45	260	6.346e+005
1535	1722	1455	1454	1721	Rck45	260	8.872e+005
1536	1465	1732	1731	1464	Rck45	260	8.872e+005
1537	1708	1712	1709	1707	S355	20	5.142e+005
1538	1704	1708	1707	1703	S355	20	5.267e+005
1539	1700	1704	1703	1699	S355	20	6.568e+005
1540	1696	1700	1699	1695	S355	20	6.568e+005
1541	1692	1696	1695	1691	S355	20	6.568e+005
1542	1688	1692	1691	1687	S355	20	6.568e+005
1543	1684	1688	1687	1683	S355	20	6.568e+005
1544	1680	1684	1683	1679	S355	20	6.568e+005
1545	1676	1680	1679	1675	S355	20	6.568e+005
1546	1672	1676	1675	1671	S355	20	6.568e+005
1547	1668	1672	1671	1667	S355	20	6.568e+005
1548	1664	1668	1667	1663	S355	20	6.568e+005
1549	1660	1664	1663	1659	S355	20	6.568e+005
1550	1656	1660	1659	1655	S355	20	6.568e+005
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1554	1640	1644	1643	1639	S355	20	6.568e+005
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1558	1624	1628	1627	1623	S355	20	6.568e+005
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1563	1604	1608	1607	1603	S355	20	6.568e+005
1564	1600	1604	1603	1599	S355	20	6.568e+005
1565	1596	1600	1599	1595	S355	20	6.568e+005
1566	1592	1596	1595	1591	S355	20	6.568e+005
1567	1588	1592	1591	1587	S355	20	6.568e+005
1568	1581	1588	1587	1584	S355	20	6.671e+005
1569	1580	1581	1584	1579	S355	20	5.805e+005
1570	1576	1580	1579	1575	S355	20	6.568e+005
1571	1569	1576	1575	1572	S355	20	6.804e+005
1572	1565	1569	1572	1568	S355	20	5.545e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1577	1471	1473	1472	1470	S355	20	5.267e+005
1578	1473	1475	1474	1472	S355	20	5.267e+005
1579	1475	1477	1476	1474	S355	20	6.568e+005
1580	1477	1479	1478	1476	S355	20	6.568e+005
1581	1479	1481	1480	1478	S355	20	6.568e+005
1582	1481	1483	1482	1480	S355	20	6.568e+005
1583	1483	1485	1484	1482	S355	20	6.568e+005
1584	1485	1487	1486	1484	S355	20	6.568e+005
1585	1487	1489	1488	1486	S355	20	6.568e+005
1586	1489	1491	1490	1488	S355	20	6.568e+005
1587	1491	1493	1492	1490	S355	20	6.568e+005
1588	1493	1495	1494	1492	S355	20	6.568e+005
1589	1495	1497	1496	1494	S355	20	6.568e+005
1590	1497	1499	1498	1496	S355	20	6.568e+005
1591	1499	1501	1500	1498	S355	20	6.568e+005
1592	1501	1503	1502	1500	S355	20	6.568e+005
1593	1503	1505	1504	1502	S355	20	6.568e+005
1594	1505	1507	1506	1504	S355	20	6.568e+005
1595	1507	1509	1508	1506	S355	20	6.568e+005
1596	1509	1511	1510	1508	S355	20	6.568e+005
1597	1511	1513	1512	1510	S355	20	6.568e+005
1598	1513	1515	1514	1512	S355	20	6.568e+005
1599	1515	1517	1516	1514	S355	20	6.568e+005
1600	1517	1519	1518	1516	S355	20	6.568e+005
1601	1519	1521	1520	1518	S355	20	6.568e+005
1602	1521	1523	1522	1520	S355	20	6.568e+005
1603	1523	1525	1524	1522	S355	20	6.568e+005
1604	1525	1527	1526	1524	S355	20	6.568e+005
1605	1527	1529	1528	1526	S355	20	6.568e+005
1606	1529	1531	1530	1528	S355	20	6.568e+005
1607	1531	1533	1532	1530	S355	20	6.568e+005
1608	1533	1535	1534	1532	S355	20	6.568e+005
1609	1535	1537	1536	1534	S355	20	6.568e+005
1610	1537	1539	1538	1536	S355	20	6.568e+005
1611	1539	1541	1540	1538	S355	20	6.568e+005
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1613	1543	1545	1544	1542	S355	20	6.568e+005
1614	1545	1547	1546	1544	S355	20	6.568e+005
1615	1547	1549	1548	1546	S355	20	6.568e+005
1616	1549	1552	1551	1548	S355	20	6.568e+005
1617	1552	1554	1553	1551	S355	20	6.568e+005
1618	1554	1558	1557	1553	S355	20	6.568e+005
1619	1558	1562	1561	1557	S355	20	6.568e+005
1620	1562	1567	1565	1561	S355	20	6.568e+005
1621	1567	1571	1569	1565	S355	20	6.568e+005
1622	1571	1574	1573	1569	S355	20	6.568e+005
1623	1574	1578	1577	1573	S355	20	6.568e+005
1624	1578	1583	1582	1577	S355	20	6.568e+005
1625	1583	1586	1585	1582	S355	20	6.568e+005
1626	1586	1590	1589	1585	S355	20	6.568e+005
1627	1590	1594	1593	1589	S355	20	6.568e+005
1628	1594	1598	1597	1593	S355	20	6.568e+005
1629	1598	1602	1601	1597	S355	20	6.568e+005
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1631	1606	1610	1609	1605	S355	20	6.568e+005
1632	1610	1614	1613	1609	S355	20	6.568e+005
1633	1614	1618	1617	1613	S355	20	6.568e+005
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1635	1622	1626	1625	1621	S355	20	6.568e+005
1636	1626	1630	1629	1625	S355	20	6.568e+005
1637	1630	1634	1633	1629	S355	20	6.568e+005
1638	1634	1638	1637	1633	S355	20	6.568e+005
1639	1638	1642	1641	1637	S355	20	6.568e+005
1640	1642	1646	1645	1641	S355	20	6.568e+005
1641	1646	1650	1649	1645	S355	20	6.568e+005
1642	1650	1654	1653	1649	S355	20	6.568e+005
1643	1654	1658	1657	1653	S355	20	6.568e+005
1644	1658	1662	1661	1657	S355	20	6.568e+005
1645	1662	1666	1665	1661	S355	20	6.568e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

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1647	1670	1674	1673	1669	S355	20	6.568e+005
1648	1674	1678	1677	1673	S355	20	6.568e+005
1649	1678	1682	1681	1677	S355	20	6.568e+005
1650	1682	1686	1685	1681	S355	20	6.568e+005
1651	1686	1690	1689	1685	S355	20	6.568e+005
1652	1690	1694	1693	1689	S355	20	6.568e+005
1653	1694	1698	1697	1693	S355	20	6.568e+005
1654	1698	1702	1701	1697	S355	20	6.568e+005
1655	1702	1706	1705	1701	S355	20	5.267e+005
1656	1706	1711	1710	1705	S355	20	5.267e+005
1657	1310	1330	1919	1917	Rck45	450	5.545e+005
1658	1340	1320	1927	1925	Rck45	450	5.545e+005
1659	1339	1319	1918	1920	Rck45	450	5.545e+005
1660	1329	1349	1926	1928	Rck45	450	5.545e+005
1661	1302	1370	2105	1849	Rck45	450	5.477e+005
1662	1330	1350	1921	1919	Rck45	450	5.062e+005
1663	1360	1340	1925	1923	Rck45	450	5.062e+005
1664	1372	1304	1851	2107	Rck45	450	5.477e+005
1665	1371	1303	1850	2106	Rck45	450	5.477e+005
1666	1359	1339	1920	1922	Rck45	450	5.062e+005
1667	1349	1369	1924	1926	Rck45	450	5.062e+005
1668	1305	1373	2108	1852	Rck45	450	5.477e+005
1669	1758	1714	1713	1757	Rck45	260	8.873e+005
1670	1724	1768	1767	1723	Rck45	260	8.873e+005
1671	1759	1715	1714	1758	Rck45	260	6.346e+005
1672	1725	1769	1768	1724	Rck45	260	6.346e+005
1673	1760	1716	1715	1759	Rck45	260	6.346e+005
1674	1726	1770	1769	1725	Rck45	260	6.346e+005
1675	1761	1717	1716	1760	Rck45	260	6.346e+005
1676	1727	1771	1770	1726	Rck45	260	6.346e+005
1677	1762	1718	1717	1761	Rck45	260	6.346e+005
1678	1728	1772	1771	1727	Rck45	260	6.346e+005
1679	1763	1719	1718	1762	Rck45	260	6.346e+005
1680	1729	1773	1772	1728	Rck45	260	6.346e+005
1681	1764	1720	1719	1763	Rck45	260	6.346e+005
1682	1730	1774	1773	1729	Rck45	260	6.346e+005
1683	1765	1721	1720	1764	Rck45	260	6.346e+005
1684	1731	1775	1774	1730	Rck45	260	6.346e+005
1685	1766	1722	1721	1765	Rck45	260	8.873e+005
1686	1732	1776	1775	1731	Rck45	260	8.873e+005
1687	1350	1374	2009	1921	Rck45	450	5.047e+005
1688	1384	1360	1923	2011	Rck45	450	5.047e+005
1689	1383	1359	1922	2010	Rck45	450	5.047e+005
1690	1369	1393	2012	1924	Rck45	450	5.047e+005
1691	1780	1758	1757	1779	Rck45	260	8.873e+005
1692	1768	1790	1789	1767	Rck45	260	8.873e+005
1693	1781	1759	1758	1780	Rck45	260	6.346e+005
1694	1769	1791	1790	1768	Rck45	260	6.346e+005
1695	1782	1760	1759	1781	Rck45	260	6.346e+005
1696	1770	1792	1791	1769	Rck45	260	6.346e+005
1697	1783	1761	1760	1782	Rck45	260	6.346e+005
1698	1771	1793	1792	1770	Rck45	260	6.346e+005
1699	1784	1762	1761	1783	Rck45	260	6.346e+005
1700	1772	1794	1793	1771	Rck45	260	6.346e+005
1701	1785	1763	1762	1784	Rck45	260	6.346e+005
1702	1773	1795	1794	1772	Rck45	260	6.346e+005
1703	1786	1764	1763	1785	Rck45	260	6.346e+005
1704	1774	1796	1795	1773	Rck45	260	6.346e+005
1705	1787	1765	1764	1786	Rck45	260	6.346e+005
1706	1775	1797	1796	1774	Rck45	260	6.346e+005
1707	1788	1766	1765	1787	Rck45	260	8.873e+005
1708	1776	1798	1797	1775	Rck45	260	8.873e+005
1709	1802	1780	1779	1801	Rck45	220	8.869e+005
1710	1790	1812	1811	1789	Rck45	220	8.869e+005
1711	1803	1781	1780	1802	Rck45	220	6.343e+005
1712	1791	1813	1812	1790	Rck45	220	6.343e+005
1713	1804	1782	1781	1803	Rck45	220	6.343e+005
1714	1792	1814	1813	1791	Rck45	220	6.343e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

1715	1805	1783	1782	1804	Rck45	220	6.343e+005
1716	1793	1815	1814	1792	Rck45	220	6.343e+005
1717	1806	1784	1783	1805	Rck45	220	6.343e+005
1718	1794	1816	1815	1793	Rck45	220	6.343e+005
1719	1807	1785	1784	1806	Rck45	220	6.343e+005
1720	1795	1817	1816	1794	Rck45	220	6.343e+005
1721	1808	1786	1785	1807	Rck45	220	6.343e+005
1722	1796	1818	1817	1795	Rck45	220	6.343e+005
1723	1809	1787	1786	1808	Rck45	220	6.343e+005
1724	1797	1819	1818	1796	Rck45	220	6.343e+005
1725	1810	1788	1787	1809	Rck45	220	8.869e+005
1726	1798	1820	1819	1797	Rck45	220	8.869e+005
1727	1374	1426	2109	2009	Rck45	450	5.502e+005
1728	1436	1384	2011	2119	Rck45	450	5.502e+005
1729	1435	1383	2010	2110	Rck45	450	5.502e+005
1730	1393	1445	2120	2012	Rck45	450	5.502e+005
1731	1826	1802	1801	1825	Rck45	220	8.869e+005
1732	1812	1836	1835	1811	Rck45	220	8.869e+005
1733	1827	1803	1802	1826	Rck45	220	6.343e+005
1734	1813	1837	1836	1812	Rck45	220	6.343e+005
1735	1828	1804	1803	1827	Rck45	220	6.343e+005
1736	1814	1838	1837	1813	Rck45	220	6.343e+005
1737	1829	1805	1804	1828	Rck45	220	6.343e+005
1738	1815	1839	1838	1814	Rck45	220	6.343e+005
1739	1830	1806	1805	1829	Rck45	220	6.343e+005
1740	1816	1840	1839	1815	Rck45	220	6.343e+005
1741	1831	1807	1806	1830	Rck45	220	6.343e+005
1742	1817	1841	1840	1816	Rck45	220	6.343e+005
1743	1832	1808	1807	1831	Rck45	220	6.343e+005
1744	1818	1842	1841	1817	Rck45	220	6.343e+005
1745	1833	1809	1808	1832	Rck45	220	6.343e+005
1746	1819	1843	1842	1818	Rck45	220	6.343e+005
1747	1834	1810	1809	1833	Rck45	220	8.869e+005
1748	1820	1844	1843	1819	Rck45	220	8.869e+005
1749	1858	1826	1825	1857	Rck45	220	8.869e+005
1750	1836	1868	1867	1835	Rck45	220	8.869e+005
1751	1859	1827	1826	1858	Rck45	220	6.344e+005
1752	1837	1869	1868	1836	Rck45	220	6.344e+005
1753	1860	1828	1827	1859	Rck45	220	6.344e+005
1754	1838	1870	1869	1837	Rck45	220	6.344e+005
1755	1861	1829	1828	1860	Rck45	220	6.344e+005
1756	1839	1871	1870	1838	Rck45	220	6.344e+005
1757	1862	1830	1829	1861	Rck45	220	6.344e+005
1758	1840	1872	1871	1839	Rck45	220	6.344e+005
1759	1863	1831	1830	1862	Rck45	220	6.344e+005
1760	1841	1873	1872	1840	Rck45	220	6.344e+005
1761	1864	1832	1831	1863	Rck45	220	6.344e+005
1762	1842	1874	1873	1841	Rck45	220	6.344e+005
1763	1865	1833	1832	1864	Rck45	220	6.344e+005
1764	1843	1875	1874	1842	Rck45	220	6.344e+005
1765	1866	1834	1833	1865	Rck45	220	8.869e+005
1766	1844	1876	1875	1843	Rck45	220	8.869e+005
1767	1426	1446	2111	2109	Rck45	450	5.48e+005
1768	1456	1436	2119	2117	Rck45	450	5.48e+005
1769	1455	1435	2110	2112	Rck45	450	5.48e+005
1770	1445	1465	2118	2120	Rck45	450	5.48e+005
1771	1878	1858	1857	1877	Rck45	220	8.869e+005
1772	1868	1888	1887	1867	Rck45	220	8.869e+005
1773	1879	1859	1858	1878	Rck45	220	6.344e+005
1774	1869	1889	1888	1868	Rck45	220	6.344e+005
1775	1880	1860	1859	1879	Rck45	220	6.344e+005
1776	1870	1890	1889	1869	Rck45	220	6.344e+005
1777	1881	1861	1860	1880	Rck45	220	6.344e+005
1778	1871	1891	1890	1870	Rck45	220	6.344e+005
1779	1882	1862	1861	1881	Rck45	220	6.344e+005
1780	1872	1892	1891	1871	Rck45	220	6.344e+005
1781	1883	1863	1862	1882	Rck45	220	6.344e+005
1782	1873	1893	1892	1872	Rck45	220	6.344e+005
1783	1884	1864	1863	1883	Rck45	220	6.344e+005

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	Company				Client	
	Author				File Name	
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1784	1874	1894	1893	1873	Rck45	220	6.344e+005
1785	1885	1865	1864	1884	Rck45	220	6.344e+005
1786	1875	1895	1894	1874	Rck45	220	6.344e+005
1787	1886	1866	1865	1885	Rck45	220	8.869e+005
1788	1876	1896	1895	1875	Rck45	220	8.869e+005
1789	1446	1713	2113	2111	Rck45	450	4.983e+005
1790	1723	1456	2117	2115	Rck45	450	4.983e+005
1791	1722	1455	2112	2114	Rck45	450	4.983e+005
1792	1465	1732	2116	2118	Rck45	450	4.983e+005
1793	1370	1733	2137	2105	Rck45	450	5.995e+005
1794	1743	1372	2107	2147	Rck45	450	5.995e+005
1795	1734	1371	2106	2138	Rck45	450	5.995e+005
1796	1373	1744	2148	2108	Rck45	450	5.995e+005
1797	1898	1878	1877	1897	Rck45	220	8.869e+005
1798	1888	1908	1907	1887	Rck45	220	8.869e+005
1799	1899	1879	1878	1898	Rck45	220	6.343e+005
1800	1889	1909	1908	1888	Rck45	220	6.343e+005
1801	1900	1880	1879	1899	Rck45	220	6.343e+005
1802	1890	1910	1909	1889	Rck45	220	6.343e+005
1803	1901	1881	1880	1900	Rck45	220	6.343e+005
1804	1891	1911	1910	1890	Rck45	220	6.343e+005
1805	1902	1882	1881	1901	Rck45	220	6.343e+005
1806	1892	1912	1911	1891	Rck45	220	6.343e+005
1807	1903	1883	1882	1902	Rck45	220	6.343e+005
1808	1893	1913	1912	1892	Rck45	220	6.343e+005
1809	1904	1884	1883	1903	Rck45	220	6.343e+005
1810	1894	1914	1913	1893	Rck45	220	6.343e+005
1811	1905	1885	1884	1904	Rck45	220	6.343e+005
1812	1895	1915	1914	1894	Rck45	220	6.343e+005
1813	1906	1886	1885	1905	Rck45	220	8.869e+005
1814	1896	1916	1915	1895	Rck45	220	8.869e+005
1815	1713	1757	2121	2113	Rck45	450	4.824e+005
1816	1767	1723	2115	2123	Rck45	450	4.824e+005
1817	1930	1898	1897	1929	Rck45	220	8.869e+005
1818	1908	1940	1939	1907	Rck45	220	8.869e+005
1819	1931	1899	1898	1930	Rck45	220	6.343e+005
1820	1909	1941	1940	1908	Rck45	220	6.343e+005
1821	1932	1900	1899	1931	Rck45	220	6.343e+005
1822	1910	1942	1941	1909	Rck45	220	6.343e+005
1823	1933	1901	1900	1932	Rck45	220	6.343e+005
1824	1911	1943	1942	1910	Rck45	220	6.343e+005
1825	1934	1902	1901	1933	Rck45	220	6.343e+005
1826	1912	1944	1943	1911	Rck45	220	6.343e+005
1827	1935	1903	1902	1934	Rck45	220	6.343e+005
1828	1913	1945	1944	1912	Rck45	220	6.343e+005
1829	1936	1904	1903	1935	Rck45	220	6.343e+005
1830	1914	1946	1945	1913	Rck45	220	6.343e+005
1831	1937	1905	1904	1936	Rck45	220	6.343e+005
1832	1915	1947	1946	1914	Rck45	220	6.343e+005
1833	1938	1906	1905	1937	Rck45	220	8.869e+005
1834	1916	1948	1947	1915	Rck45	220	8.869e+005
1835	1766	1722	2114	2122	Rck45	450	4.824e+005
1836	1732	1776	2124	2116	Rck45	450	4.824e+005
1837	1394	1396	2155	2153	Rck45	450	8.738e+005
1838	1396	1398	2157	2155	Rck45	450	6.125e+005
1839	1398	1400	2159	2157	Rck45	450	6.615e+005
1840	1400	1402	2161	2159	Rck45	450	6.615e+005
1841	1402	1404	2163	2161	Rck45	450	6.125e+005
1842	1404	1406	2165	2163	Rck45	450	8.738e+005
1843	1406	1408	2167	2165	Rck45	450	8.248e+005
1844	1410	1412	2203	2201	Rck45	450	8.248e+005
1845	1412	1414	2205	2203	Rck45	450	8.738e+005
1846	1414	1416	2207	2205	Rck45	450	6.125e+005
1847	1416	1418	2209	2207	Rck45	450	6.615e+005
1848	1418	1420	2211	2209	Rck45	450	6.615e+005
1849	1420	1422	2213	2211	Rck45	450	6.125e+005
1850	1422	1424	2215	2213	Rck45	450	8.738e+005
1851	1397	1395	2154	2156	Rck45	450	8.738e+005
1852	1399	1397	2156	2158	Rck45	450	6.125e+005

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	Author				File Name	
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1853	1401	1399	2158	2160	Rck45	450	6.615e+005
1854	1403	1401	2160	2162	Rck45	450	6.615e+005
1855	1405	1403	2162	2164	Rck45	450	6.125e+005
1856	1407	1405	2164	2166	Rck45	450	8.738e+005
1857	1409	1407	2166	2168	Rck45	450	8.248e+005
1858	1413	1411	2202	2204	Rck45	450	8.248e+005
1859	1415	1413	2204	2206	Rck45	450	8.738e+005
1860	1417	1415	2206	2208	Rck45	450	6.125e+005
1861	1419	1417	2208	2210	Rck45	450	6.615e+005
1862	1421	1419	2210	2212	Rck45	450	6.615e+005
1863	1423	1421	2212	2214	Rck45	450	6.125e+005
1864	1425	1423	2214	2216	Rck45	450	8.738e+005
1865	1950	1930	1929	1949	Rck45	220	8.868e+005
1866	1940	1960	1959	1939	Rck45	220	8.868e+005
1867	1951	1931	1930	1950	Rck45	220	6.343e+005
1868	1941	1961	1960	1940	Rck45	220	6.343e+005
1869	1952	1932	1931	1951	Rck45	220	6.343e+005
1870	1942	1962	1961	1941	Rck45	220	6.343e+005
1871	1953	1933	1932	1952	Rck45	220	6.343e+005
1872	1943	1963	1962	1942	Rck45	220	6.343e+005
1873	1954	1934	1933	1953	Rck45	220	6.343e+005
1874	1944	1964	1963	1943	Rck45	220	6.343e+005
1875	1955	1935	1934	1954	Rck45	220	6.343e+005
1876	1945	1965	1964	1944	Rck45	220	6.343e+005
1877	1956	1936	1935	1955	Rck45	220	6.343e+005
1878	1946	1966	1965	1945	Rck45	220	6.343e+005
1879	1957	1937	1936	1956	Rck45	220	6.343e+005
1880	1947	1967	1966	1946	Rck45	220	6.343e+005
1881	1958	1938	1937	1957	Rck45	220	8.868e+005
1882	1948	1968	1967	1947	Rck45	220	8.868e+005
1883	1408	1466	2169	2167	Rck45	450	7.784e+005
1884	1468	1410	2201	2199	Rck45	450	7.784e+005
1885	1467	1409	2168	2170	Rck45	450	7.784e+005
1886	1411	1469	2200	2202	Rck45	450	7.784e+005
1887	1970	1950	1949	1969	Rck45	220	8.868e+005
1888	1960	1980	1979	1959	Rck45	220	8.868e+005
1889	1971	1951	1950	1970	Rck45	220	6.343e+005
1890	1961	1981	1980	1960	Rck45	220	6.343e+005
1891	1972	1952	1951	1971	Rck45	220	6.343e+005
1892	1962	1982	1981	1961	Rck45	220	6.343e+005
1893	1973	1953	1952	1972	Rck45	220	6.343e+005
1894	1963	1983	1982	1962	Rck45	220	6.343e+005
1895	1974	1954	1953	1973	Rck45	220	6.343e+005
1896	1964	1984	1983	1963	Rck45	220	6.343e+005
1897	1975	1955	1954	1974	Rck45	220	6.343e+005
1898	1965	1985	1984	1964	Rck45	220	6.343e+005
1899	1976	1956	1955	1975	Rck45	220	6.343e+005
1900	1966	1986	1985	1965	Rck45	220	6.343e+005
1901	1977	1957	1956	1976	Rck45	220	6.343e+005
1902	1967	1987	1986	1966	Rck45	220	6.343e+005
1903	1978	1958	1957	1977	Rck45	220	8.868e+005
1904	1968	1988	1987	1967	Rck45	220	8.868e+005
1905	1757	1779	2125	2121	Rck45	450	5.003e+005
1906	1789	1767	2123	2135	Rck45	450	5.003e+005
1907	1788	1766	2122	2126	Rck45	450	5.003e+005
1908	1776	1798	2136	2124	Rck45	450	5.003e+005
1909	1990	1970	1969	1989	Rck45	220	8.869e+005
1910	1980	2000	1999	1979	Rck45	220	8.869e+005
1911	1991	1971	1970	1990	Rck45	220	6.343e+005
1912	1981	2001	2000	1980	Rck45	220	6.343e+005
1913	1992	1972	1971	1991	Rck45	220	6.343e+005
1914	1982	2002	2001	1981	Rck45	220	6.343e+005
1915	1993	1973	1972	1992	Rck45	220	6.343e+005
1916	1983	2003	2002	1982	Rck45	220	6.343e+005
1917	1994	1974	1973	1993	Rck45	220	6.343e+005
1918	1984	2004	2003	1983	Rck45	220	6.343e+005
1919	1995	1975	1974	1994	Rck45	220	6.343e+005
1920	1985	2005	2004	1984	Rck45	220	6.343e+005
1921	1996	1976	1975	1995	Rck45	220	6.343e+005

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	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

1922	1986	2006	2005	1985	Rck45	220	6.343e+005
1923	1997	1977	1976	1996	Rck45	220	6.343e+005
1924	1987	2007	2006	1986	Rck45	220	6.343e+005
1925	1998	1978	1977	1997	Rck45	220	8.869e+005
1926	1988	2008	2007	1987	Rck45	220	8.869e+005
1927	1466	1745	2171	2169	Rck45	450	6.856e+005
1928	1755	1468	2199	2197	Rck45	450	6.856e+005
1929	1746	1467	2170	2172	Rck45	450	6.856e+005
1930	1469	1756	2198	2200	Rck45	450	6.856e+005
1931	1733	1735	2139	2137	Rck45	450	6.254e+005
1932	1735	1737	2141	2139	Rck45	450	6.254e+005
1933	1739	1741	2145	2143	Rck45	450	6.254e+005
1934	1741	1743	2147	2145	Rck45	450	6.254e+005
1935	1736	1734	2138	2140	Rck45	450	6.254e+005
1936	1738	1736	2140	2142	Rck45	450	6.254e+005
1937	1742	1740	2144	2146	Rck45	450	6.254e+005
1938	1744	1742	2146	2148	Rck45	450	6.254e+005
1939	2014	1990	1989	2013	Rck45	220	8.869e+005
1940	2000	2096	2095	1999	Rck45	220	8.869e+005
1941	2015	1991	1990	2014	Rck45	220	6.343e+005
1942	2001	2097	2096	2000	Rck45	220	6.343e+005
1943	2016	1992	1991	2015	Rck45	220	6.343e+005
1944	2002	2098	2097	2001	Rck45	220	6.343e+005
1945	2017	1993	1992	2016	Rck45	220	6.343e+005
1946	2003	2099	2098	2002	Rck45	220	6.343e+005
1947	2018	1994	1993	2017	Rck45	220	6.343e+005
1948	2004	2100	2099	2003	Rck45	220	6.343e+005
1949	2019	1995	1994	2018	Rck45	220	6.343e+005
1950	2005	2101	2100	2004	Rck45	220	6.343e+005
1951	2020	1996	1995	2019	Rck45	220	6.343e+005
1952	2006	2102	2101	2005	Rck45	220	6.343e+005
1953	2021	1997	1996	2020	Rck45	220	6.343e+005
1954	2007	2103	2102	2006	Rck45	220	6.343e+005
1955	2022	1998	1997	2021	Rck45	220	8.869e+005
1956	2008	2104	2103	2007	Rck45	220	8.869e+005
1957	1745	1747	2173	2171	Rck45	450	6.392e+005
1958	1747	1749	2175	2173	Rck45	450	6.392e+005
1959	1779	1801	2127	2125	Rck45	450	4.956e+005
1960	1811	1789	2135	2133	Rck45	450	4.956e+005
1961	1751	1753	2195	2193	Rck45	450	6.392e+005
1962	1753	1755	2197	2195	Rck45	450	6.392e+005
1963	1748	1746	2172	2174	Rck45	450	6.392e+005
1964	1750	1748	2174	2176	Rck45	450	6.392e+005
1965	1810	1788	2126	2128	Rck45	450	4.956e+005
1966	1798	1820	2134	2136	Rck45	450	4.956e+005
1967	1754	1752	2194	2196	Rck45	450	6.392e+005
1968	1756	1754	2196	2198	Rck45	450	6.392e+005
1969	2024	2014	2013	2023	Rck45	220	8.868e+005
1970	2034	2024	2023	2033	Rck45	220	8.868e+005
1971	2044	2034	2033	2043	Rck45	220	8.868e+005
1972	2055	2044	2043	2053	Rck45	220	8.868e+005
1973	2066	2055	2053	2065	Rck45	220	8.868e+005
1974	2076	2066	2065	2075	Rck45	220	8.868e+005
1975	2086	2076	2075	2085	Rck45	220	8.868e+005
1976	2096	2086	2085	2095	Rck45	220	8.868e+005
1977	2025	2015	2014	2024	Rck45	220	6.343e+005
1978	2035	2025	2024	2034	Rck45	220	6.343e+005
1979	2045	2035	2034	2044	Rck45	220	6.343e+005
1980	2056	2045	2044	2055	Rck45	220	6.343e+005
1981	2067	2056	2055	2066	Rck45	220	6.343e+005
1982	2077	2067	2066	2076	Rck45	220	6.343e+005
1983	2087	2077	2076	2086	Rck45	220	6.343e+005
1984	2097	2087	2086	2096	Rck45	220	6.343e+005
1985	2026	2016	2015	2025	Rck45	220	6.343e+005
1986	2036	2026	2025	2035	Rck45	220	6.343e+005
1987	2046	2036	2035	2045	Rck45	220	6.343e+005
1988	2057	2046	2045	2056	Rck45	220	6.343e+005
1989	2068	2057	2056	2067	Rck45	220	6.343e+005
1990	2078	2068	2067	2077	Rck45	220	6.343e+005

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1991	2088	2078	2077	2087	Rck45	220	6.343e+005
1992	2098	2088	2087	2097	Rck45	220	6.343e+005
1993	2027	2017	2016	2026	Rck45	220	6.343e+005
1994	2037	2027	2026	2036	Rck45	220	6.343e+005
1995	2047	2037	2036	2046	Rck45	220	6.343e+005
1996	2058	2047	2046	2057	Rck45	220	6.343e+005
1997	2069	2058	2057	2068	Rck45	220	6.343e+005
1998	2079	2069	2068	2078	Rck45	220	6.343e+005
1999	2089	2079	2078	2088	Rck45	220	6.343e+005
2000	2099	2089	2088	2098	Rck45	220	6.343e+005
2001	2028	2018	2017	2027	Rck45	220	6.343e+005
2002	2038	2028	2027	2037	Rck45	220	6.343e+005
2003	2048	2038	2037	2047	Rck45	220	6.343e+005
2004	2059	2048	2047	2058	Rck45	220	6.343e+005
2005	2070	2059	2058	2069	Rck45	220	6.343e+005
2006	2080	2070	2069	2079	Rck45	220	6.343e+005
2007	2090	2080	2079	2089	Rck45	220	6.343e+005
2008	2100	2090	2089	2099	Rck45	220	6.343e+005
2009	2029	2019	2018	2028	Rck45	220	6.343e+005
2010	2039	2029	2028	2038	Rck45	220	6.343e+005
2011	2049	2039	2038	2048	Rck45	220	6.343e+005
2012	2060	2049	2048	2059	Rck45	220	6.343e+005
2013	2071	2060	2059	2070	Rck45	220	6.343e+005
2014	2081	2071	2070	2080	Rck45	220	6.343e+005
2015	2091	2081	2080	2090	Rck45	220	6.343e+005
2016	2101	2091	2090	2100	Rck45	220	6.343e+005
2017	2030	2020	2019	2029	Rck45	220	6.343e+005
2018	2040	2030	2029	2039	Rck45	220	6.343e+005
2019	2050	2040	2039	2049	Rck45	220	6.343e+005
2020	2061	2050	2049	2060	Rck45	220	6.343e+005
2021	2072	2061	2060	2071	Rck45	220	6.343e+005
2022	2082	2072	2071	2081	Rck45	220	6.343e+005
2023	2092	2082	2081	2091	Rck45	220	6.343e+005
2024	2102	2092	2091	2101	Rck45	220	6.343e+005
2025	2031	2021	2020	2030	Rck45	220	6.343e+005
2026	2041	2031	2030	2040	Rck45	220	6.343e+005
2027	2051	2041	2040	2050	Rck45	220	6.343e+005
2028	2062	2051	2050	2061	Rck45	220	6.343e+005
2029	2073	2062	2061	2072	Rck45	220	6.343e+005
2030	2083	2073	2072	2082	Rck45	220	6.343e+005
2031	2093	2083	2082	2092	Rck45	220	6.343e+005
2032	2103	2093	2092	2102	Rck45	220	6.343e+005
2033	2032	2022	2021	2031	Rck45	220	8.868e+005
2034	2042	2032	2031	2041	Rck45	220	8.868e+005
2035	2052	2042	2041	2051	Rck45	220	8.868e+005
2036	2063	2052	2051	2062	Rck45	220	8.868e+005
2037	2074	2063	2062	2073	Rck45	220	8.868e+005
2038	2084	2074	2073	2083	Rck45	220	8.868e+005
2039	2094	2084	2083	2093	Rck45	220	8.868e+005
2040	2104	2094	2093	2103	Rck45	220	8.868e+005
2041	1749	1777	2177	2175	Rck45	450	6.099e+005
2042	1801	1825	2129	2127	Rck45	450	4.684e+005
2043	1835	1811	2133	2131	Rck45	450	4.684e+005
2044	1799	1751	2193	2191	Rck45	450	6.099e+005
2045	1778	1750	2176	2178	Rck45	450	6.099e+005
2046	1834	1810	2128	2130	Rck45	450	4.684e+005
2047	1820	1844	2132	2134	Rck45	450	4.684e+005
2048	1752	1800	2192	2194	Rck45	450	6.099e+005
2049	1737	1821	2229	2141	Rck45	450	6.137e+005
2050	1823	1739	2143	2231	Rck45	450	6.137e+005
2051	1822	1738	2142	2230	Rck45	450	6.137e+005
2052	1740	1824	2232	2144	Rck45	450	6.137e+005
2053	1777	1845	2179	2177	Rck45	450	5.512e+005
2054	1825	1857	2149	2129	Rck45	450	4.702e+005
2055	1867	1835	2131	2151	Rck45	450	4.702e+005
2056	1855	1799	2191	2189	Rck45	450	5.512e+005
2057	1846	1778	2178	2180	Rck45	450	5.512e+005
2058	1866	1834	2130	2150	Rck45	450	4.702e+005
2059	1844	1876	2152	2132	Rck45	450	4.702e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatouP8-UP9-rev6-IN.mdl

2060	1800	1856	2190	2192	Rck45	450	5.512e+005
2061	1845	1847	2181	2179	Rck45	450	5.218e+005
2062	1847	1849	2183	2181	Rck45	450	5.218e+005
2063	1851	1853	2187	2185	Rck45	450	5.218e+005
2064	1853	1855	2189	2187	Rck45	450	5.218e+005
2065	1848	1846	2180	2182	Rck45	450	5.218e+005
2066	1850	1848	2182	2184	Rck45	450	5.218e+005
2067	1854	1852	2186	2188	Rck45	450	5.218e+005
2068	1856	1854	2188	2190	Rck45	450	5.218e+005
2085	1857	1877	2217	2149	Rck45	450	5.012e+005
2086	1887	1867	2151	2227	Rck45	450	5.012e+005
2087	1886	1866	2150	2218	Rck45	450	5.012e+005
2088	1876	1896	2228	2152	Rck45	450	5.012e+005
2089	1877	1897	2219	2217	Rck45	450	5.035e+005
2090	1907	1887	2227	2225	Rck45	450	5.035e+005
2091	1906	1886	2218	2220	Rck45	450	5.035e+005
2092	1896	1916	2226	2228	Rck45	450	5.035e+005
2093	2566	2309	1712	1709	S355	20	4.563e+005
2094	2552	2307	1696	1695	S355	20	4.578e+005
2095	2536	2305	1680	1679	S355	20	4.578e+005
2096	2520	2303	1664	1663	S355	20	4.578e+005
2097	2504	2301	1648	1647	S355	20	4.578e+005
2098	2488	2299	1632	1631	S355	20	4.578e+005
2099	2472	2297	1616	1615	S355	20	4.578e+005
2100	2456	2295	1600	1599	S355	20	4.578e+005
2101	2441	2292	1581	1584	S355	20	4.371e+005
2102	2426	2290	1565	1568	S355	20	3.703e+005
2103	2330	2279	1471	1470	S355	20	4.578e+005
2104	2338	2280	1479	1478	S355	20	4.578e+005
2105	2346	2281	1487	1486	S355	20	4.578e+005
2106	2354	2282	1495	1494	S355	20	4.578e+005
2107	2362	2283	1503	1502	S355	20	4.578e+005
2108	2370	2284	1511	1510	S355	20	4.578e+005
2109	2378	2285	1519	1518	S355	20	4.578e+005
2110	2386	2286	1527	1526	S355	20	4.578e+005
2111	2394	2287	1535	1534	S355	20	4.578e+005
2112	2402	2288	1543	1542	S355	20	4.578e+005
2113	2410	2289	1552	1551	S355	20	4.578e+005
2114	2290	2291	1567	1565	S355	20	4.578e+005
2115	2439	2293	1583	1582	S355	20	4.578e+005
2116	2454	2294	1598	1597	S355	20	4.578e+005
2117	2470	2296	1614	1613	S355	20	4.578e+005
2118	2486	2298	1630	1629	S355	20	4.578e+005
2119	2502	2300	1646	1645	S355	20	4.578e+005
2120	2518	2302	1662	1661	S355	20	4.578e+005
2121	2534	2304	1678	1677	S355	20	4.578e+005
2122	2550	2306	1694	1693	S355	20	4.578e+005
2123	2567	2308	1711	1710	S355	20	4.578e+005
2124	1897	1929	2221	2219	Rck45	450	4.771e+005
2125	1939	1907	2225	2223	Rck45	450	4.771e+005
2126	1938	1906	2220	2222	Rck45	450	4.771e+005
2127	1916	1948	2224	2226	Rck45	450	4.771e+005
2128	1821	1917	2263	2229	Rck45	450	5.903e+005
2129	1927	1823	2231	2273	Rck45	450	5.903e+005
2130	1918	1822	2230	2264	Rck45	450	5.903e+005
2131	1824	1928	2274	2232	Rck45	450	5.903e+005
2132	1929	1949	2233	2221	Rck45	450	4.774e+005
2133	1959	1939	2223	2235	Rck45	450	4.774e+005
2134	1958	1938	2222	2234	Rck45	450	4.774e+005
2135	1948	1968	2236	2224	Rck45	450	4.774e+005
2136	2564	1707	1709	2566	S355	16	8.91e+005
2137	2560	1703	1707	2564	S355	16	8.91e+005
2138	2556	1699	1703	2560	S355	16	1.111e+006
2139	2552	1695	1699	2556	S355	16	1.111e+006
2140	2548	1691	1695	2552	S355	16	1.111e+006
2141	2544	1687	1691	2548	S355	16	1.111e+006
2142	2540	1683	1687	2544	S355	16	1.111e+006
2143	2536	1679	1683	2540	S355	16	1.111e+006
2144	2532	1675	1679	2536	S355	16	1.111e+006

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	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl


2145	2528	1671	1675	2532	S355	16	1.111e+006
2146	2524	1667	1671	2528	S355	16	1.111e+006
2147	2520	1663	1667	2524	S355	16	1.111e+006
2148	2516	1659	1663	2520	S355	16	1.111e+006
2149	2512	1655	1659	2516	S355	16	1.111e+006
2150	2508	1651	1655	2512	S355	16	1.111e+006
2151	2504	1647	1651	2508	S355	16	1.111e+006
2152	2500	1643	1647	2504	S355	16	1.111e+006
2153	2496	1639	1643	2500	S355	16	1.111e+006
2154	2492	1635	1639	2496	S355	16	1.111e+006
2155	2488	1631	1635	2492	S355	16	1.111e+006
2156	2484	1627	1631	2488	S355	16	1.111e+006
2157	2480	1623	1627	2484	S355	16	1.111e+006
2158	2476	1619	1623	2480	S355	16	1.111e+006
2159	2472	1615	1619	2476	S355	16	1.111e+006
2160	2468	1611	1615	2472	S355	16	1.111e+006
2161	2464	1607	1611	2468	S355	16	1.111e+006
2162	2460	1603	1607	2464	S355	16	1.111e+006
2163	2456	1599	1603	2460	S355	16	1.111e+006
2164	2452	1595	1599	2456	S355	16	1.111e+006
2165	2448	1591	1595	2452	S355	16	1.111e+006
2166	2444	1587	1591	2448	S355	16	1.111e+006
2167	2441	1584	1587	2444	S355	16	1.111e+006
2168	2436	1579	1584	2441	S355	16	1.111e+006
2169	2432	1575	1579	2436	S355	16	1.111e+006
2170	2429	1572	1575	2432	S355	16	1.111e+006
2171	2426	1568	1572	2429	S355	16	1.111e+006
2176	2330	1470	1472	2332	S355	16	8.91e+005
2177	2332	1472	1474	2334	S355	16	8.91e+005
2178	2334	1474	1476	2336	S355	16	1.111e+006
2179	2336	1476	1478	2338	S355	16	1.111e+006
2180	2338	1478	1480	2340	S355	16	1.111e+006
2181	2340	1480	1482	2342	S355	16	1.111e+006
2182	2342	1482	1484	2344	S355	16	1.111e+006
2183	2344	1484	1486	2346	S355	16	1.111e+006
2184	2346	1486	1488	2348	S355	16	1.111e+006
2185	2348	1488	1490	2350	S355	16	1.111e+006
2186	2350	1490	1492	2352	S355	16	1.111e+006
2187	2352	1492	1494	2354	S355	16	1.111e+006
2188	2354	1494	1496	2356	S355	16	1.111e+006
2189	2356	1496	1498	2358	S355	16	1.111e+006
2190	2358	1498	1500	2360	S355	16	1.111e+006
2191	2360	1500	1502	2362	S355	16	1.111e+006
2192	2362	1502	1504	2364	S355	16	1.111e+006
2193	2364	1504	1506	2366	S355	16	1.111e+006
2194	2366	1506	1508	2368	S355	16	1.111e+006
2195	2368	1508	1510	2370	S355	16	1.111e+006
2196	2370	1510	1512	2372	S355	16	1.111e+006
2197	2372	1512	1514	2374	S355	16	1.111e+006
2198	2374	1514	1516	2376	S355	16	1.111e+006
2199	2376	1516	1518	2378	S355	16	1.111e+006
2200	2378	1518	1520	2380	S355	16	1.111e+006
2201	2380	1520	1522	2382	S355	16	1.111e+006
2202	2382	1522	1524	2384	S355	16	1.111e+006
2203	2384	1524	1526	2386	S355	16	1.111e+006
2204	2386	1526	1528	2388	S355	16	1.111e+006
2205	2388	1528	1530	2390	S355	16	1.111e+006
2206	2390	1530	1532	2392	S355	16	1.111e+006
2207	2392	1532	1534	2394	S355	16	1.111e+006
2208	2394	1534	1536	2396	S355	16	1.111e+006
2209	2396	1536	1538	2398	S355	16	1.111e+006
2210	2398	1538	1540	2400	S355	16	1.111e+006
2211	2400	1540	1542	2402	S355	16	1.111e+006
2212	2402	1542	1544	2404	S355	16	1.111e+006
2213	2404	1544	1546	2406	S355	16	1.111e+006
2214	2406	1546	1548	2408	S355	16	1.111e+006
2215	2408	1548	1551	2410	S355	16	1.111e+006
2216	2410	1551	1553	2412	S355	16	1.111e+006
2217	2412	1553	1557	2416	S355	16	1.111e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

2218	2416	1557	1561	2420	S355	16	1.111e+006
2219	2420	1561	1565	2290	S355	16	1.111e+006
2220	2290	1565	1569	2427	S355	16	1.111e+006
2221	2427	1569	1573	2430	S355	16	1.111e+006
2222	2430	1573	1577	2434	S355	16	1.111e+006
2223	2434	1577	1582	2439	S355	16	1.111e+006
2224	2439	1582	1585	2442	S355	16	1.111e+006
2225	2442	1585	1589	2446	S355	16	1.111e+006
2226	2446	1589	1593	2450	S355	16	1.111e+006
2227	2450	1593	1597	2454	S355	16	1.111e+006
2228	2454	1597	1601	2458	S355	16	1.111e+006
2229	2458	1601	1605	2462	S355	16	1.111e+006
2230	2462	1605	1609	2466	S355	16	1.111e+006
2231	2466	1609	1613	2470	S355	16	1.111e+006
2232	2470	1613	1617	2474	S355	16	1.111e+006
2233	2474	1617	1621	2478	S355	16	1.111e+006
2234	2478	1621	1625	2482	S355	16	1.111e+006
2235	2482	1625	1629	2486	S355	16	1.111e+006
2236	2486	1629	1633	2490	S355	16	1.111e+006
2237	2490	1633	1637	2494	S355	16	1.111e+006
2238	2494	1637	1641	2498	S355	16	1.111e+006
2239	2498	1641	1645	2502	S355	16	1.111e+006
2240	2502	1645	1649	2506	S355	16	1.111e+006
2241	2506	1649	1653	2510	S355	16	1.111e+006
2242	2510	1653	1657	2514	S355	16	1.111e+006
2243	2514	1657	1661	2518	S355	16	1.111e+006
2244	2518	1661	1665	2522	S355	16	1.111e+006
2245	2522	1665	1669	2526	S355	16	1.111e+006
2246	2526	1669	1673	2530	S355	16	1.111e+006
2247	2530	1673	1677	2534	S355	16	1.111e+006
2248	2534	1677	1681	2538	S355	16	1.111e+006
2249	2538	1681	1685	2542	S355	16	1.111e+006
2250	2542	1685	1689	2546	S355	16	1.111e+006
2251	2546	1689	1693	2550	S355	16	1.111e+006
2252	2550	1693	1697	2554	S355	16	1.111e+006
2253	2554	1697	1701	2558	S355	16	1.111e+006
2254	2558	1701	1705	2562	S355	16	8.91e+005
2255	2562	1705	1710	2567	S355	16	8.91e+005
2256	1917	1919	2265	2263	Rck45	450	5.786e+005
2257	1919	1921	2267	2265	Rck45	450	5.786e+005
2258	1923	1925	2271	2269	Rck45	450	5.786e+005
2259	1925	1927	2273	2271	Rck45	450	5.786e+005
2260	1920	1918	2264	2266	Rck45	450	5.786e+005
2261	1922	1920	2266	2268	Rck45	450	5.786e+005
2262	1926	1924	2270	2272	Rck45	450	5.786e+005
2263	1928	1926	2272	2274	Rck45	450	5.786e+005
2264	1949	1969	2237	2233	Rck45	450	5.043e+005
2265	1979	1959	2235	2261	Rck45	450	5.043e+005
2266	1978	1958	2234	2238	Rck45	450	5.043e+005
2267	1968	1988	2262	2236	Rck45	450	5.043e+005
2268	1849	2105	2310	2183	Rck45	450	5.477e+005
2269	2107	1851	2185	2312	Rck45	450	5.477e+005
2270	2106	1850	2184	2311	Rck45	450	5.477e+005
2271	1852	2108	2313	2186	Rck45	450	5.477e+005
2272	1969	1989	2239	2237	Rck45	450	5.045e+005
2273	1999	1979	2261	2259	Rck45	450	5.045e+005
2274	1998	1978	2238	2240	Rck45	450	5.045e+005
2275	1988	2008	2260	2262	Rck45	450	5.045e+005
2276	1989	2013	2241	2239	Rck45	450	4.782e+005
2277	2095	1999	2259	2257	Rck45	450	4.782e+005
2278	2022	1998	2240	2242	Rck45	450	4.782e+005
2279	2008	2104	2258	2260	Rck45	450	4.782e+005
2280	1921	2009	2275	2267	Rck45	450	5.685e+005
2281	2013	2023	2243	2241	Rck45	450	4.65e+005
2282	2023	2033	2245	2243	Rck45	450	4.65e+005
2283	2033	2043	2247	2245	Rck45	450	4.65e+005
2284	2043	2053	2249	2247	Rck45	450	4.65e+005
2285	2053	2065	2251	2249	Rck45	450	4.65e+005
2286	2065	2075	2253	2251	Rck45	450	4.65e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2287	2075	2085	2255	2253	Rck45	450	4.65e+005
2288	2085	2095	2257	2255	Rck45	450	4.65e+005
2289	2011	1923	2269	2277	Rck45	450	5.685e+005
2290	2010	1922	2268	2276	Rck45	450	5.685e+005
2291	2032	2022	2242	2244	Rck45	450	4.65e+005
2292	2042	2032	2244	2246	Rck45	450	4.65e+005
2293	2052	2042	2246	2248	Rck45	450	4.65e+005
2294	2063	2052	2248	2250	Rck45	450	4.65e+005
2295	2074	2063	2250	2252	Rck45	450	4.65e+005
2296	2084	2074	2252	2254	Rck45	450	4.65e+005
2297	2094	2084	2254	2256	Rck45	450	4.65e+005
2298	2104	2094	2256	2258	Rck45	450	4.65e+005
2299	1924	2012	2278	2270	Rck45	450	5.685e+005
2300	2009	2109	2314	2275	Rck45	450	5.483e+005
2301	2119	2011	2277	2324	Rck45	450	5.483e+005
2302	2110	2010	2276	2315	Rck45	450	5.483e+005
2303	2012	2120	2325	2278	Rck45	450	5.483e+005
2304	2109	2111	2316	2314	Rck45	450	5.382e+005
2305	2111	2113	2318	2316	Rck45	450	5.382e+005
2306	2115	2117	2322	2320	Rck45	450	5.382e+005
2307	2117	2119	2324	2322	Rck45	450	5.382e+005
2308	2112	2110	2315	2317	Rck45	450	5.382e+005
2309	2114	2112	2317	2319	Rck45	450	5.382e+005
2310	2118	2116	2321	2323	Rck45	450	5.382e+005
2311	2120	2118	2323	2325	Rck45	450	5.382e+005
2312	2113	2121	2326	2318	Rck45	450	5.31e+005
2313	2123	2115	2320	2328	Rck45	450	5.31e+005
2314	2122	2114	2319	2327	Rck45	450	5.31e+005
2315	2116	2124	2329	2321	Rck45	450	5.31e+005
2316	2105	2137	2602	2310	Rck45	450	5.995e+005
2317	2147	2107	2312	2612	Rck45	450	5.995e+005
2318	2138	2106	2311	2603	Rck45	450	5.995e+005
2319	2108	2148	2613	2313	Rck45	450	5.995e+005
2320	2121	2125	2570	2326	Rck45	450	5.165e+005
2321	2135	2123	2328	2580	Rck45	450	5.165e+005
2322	2126	2122	2327	2571	Rck45	450	5.165e+005
2323	2124	2136	2581	2329	Rck45	450	5.165e+005
2324	2125	2127	2572	2570	Rck45	450	5.092e+005
2325	2127	2129	2574	2572	Rck45	450	5.092e+005
2326	2131	2133	2578	2576	Rck45	450	5.092e+005
2327	2133	2135	2580	2578	Rck45	450	5.092e+005
2328	2128	2126	2571	2573	Rck45	450	5.092e+005
2329	2130	2128	2573	2575	Rck45	450	5.092e+005
2330	2134	2132	2577	2579	Rck45	450	5.092e+005
2331	2136	2134	2579	2581	Rck45	450	5.092e+005
2332	2129	2149	2582	2574	Rck45	450	5.029e+005
2333	2151	2131	2576	2584	Rck45	450	5.029e+005
2334	2150	2130	2575	2583	Rck45	450	5.029e+005
2335	2132	2152	2585	2577	Rck45	450	5.029e+005
2336	2149	2217	2586	2582	Rck45	450	4.903e+005
2337	2227	2151	2584	2596	Rck45	450	4.903e+005
2338	2218	2150	2583	2587	Rck45	450	4.903e+005
2339	2152	2228	2597	2585	Rck45	450	4.903e+005
2340	2137	2139	2604	2602	Rck45	450	6.254e+005
2341	2139	2141	2606	2604	Rck45	450	6.254e+005
2342	2143	2145	2610	2608	Rck45	450	6.254e+005
2343	2145	2147	2612	2610	Rck45	450	6.254e+005
2344	2140	2138	2603	2605	Rck45	450	6.254e+005
2345	2142	2140	2605	2607	Rck45	450	6.254e+005
2346	2146	2144	2609	2611	Rck45	450	6.254e+005
2347	2148	2146	2611	2613	Rck45	450	6.254e+005
2348	2217	2219	2588	2586	Rck45	450	4.84e+005
2349	2219	2221	2590	2588	Rck45	450	4.84e+005
2350	2223	2225	2594	2592	Rck45	450	4.84e+005
2351	2225	2227	2596	2594	Rck45	450	4.84e+005
2352	2220	2218	2587	2589	Rck45	450	4.84e+005
2353	2222	2220	2589	2591	Rck45	450	4.84e+005
2354	2226	2224	2593	2595	Rck45	450	4.84e+005
2355	2228	2226	2595	2597	Rck45	450	4.84e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

2356	2221	2233	2598	2590	Rck45	450	4.792e+005
2357	2235	2223	2592	2600	Rck45	450	4.792e+005
2358	2234	2222	2591	2599	Rck45	450	4.792e+005
2359	2224	2236	2601	2593	Rck45	450	4.792e+005
2360	2141	2229	2640	2606	Rck45	450	6.137e+005
2361	2231	2143	2608	2642	Rck45	450	6.137e+005
2362	2230	2142	2607	2641	Rck45	450	6.137e+005
2363	2144	2232	2643	2609	Rck45	450	6.137e+005
2364	2233	2237	2614	2598	Rck45	450	4.698e+005
2365	2261	2235	2600	2638	Rck45	450	4.698e+005
2366	2238	2234	2599	2615	Rck45	450	4.698e+005
2367	2236	2262	2639	2601	Rck45	450	4.698e+005
2368	2237	2239	2616	2614	Rck45	450	4.65e+005
2369	2239	2241	2618	2616	Rck45	450	4.65e+005
2370	2241	2243	2620	2618	Rck45	450	4.65e+005
2371	2243	2245	2622	2620	Rck45	450	4.65e+005
2372	2245	2247	2624	2622	Rck45	450	4.65e+005
2373	2247	2249	2626	2624	Rck45	450	4.65e+005
2374	2249	2251	2628	2626	Rck45	450	4.65e+005
2375	2251	2253	2630	2628	Rck45	450	4.65e+005
2376	2253	2255	2632	2630	Rck45	450	4.65e+005
2377	2255	2257	2634	2632	Rck45	450	4.65e+005
2378	2257	2259	2636	2634	Rck45	450	4.65e+005
2379	2259	2261	2638	2636	Rck45	450	4.65e+005
2380	2240	2238	2615	2617	Rck45	450	4.65e+005
2381	2242	2240	2617	2619	Rck45	450	4.65e+005
2382	2244	2242	2619	2621	Rck45	450	4.65e+005
2383	2246	2244	2621	2623	Rck45	450	4.65e+005
2384	2248	2246	2623	2625	Rck45	450	4.65e+005
2385	2250	2248	2625	2627	Rck45	450	4.65e+005
2386	2252	2250	2627	2629	Rck45	450	4.65e+005
2387	2254	2252	2629	2631	Rck45	450	4.65e+005
2388	2256	2254	2631	2633	Rck45	450	4.65e+005
2389	2258	2256	2633	2635	Rck45	450	4.65e+005
2390	2260	2258	2635	2637	Rck45	450	4.65e+005
2391	2262	2260	2637	2639	Rck45	450	4.65e+005
2392	2565	2309	2566	2564	S355	20	5.142e+005
2393	2561	2565	2564	2560	S355	20	5.267e+005
2394	2557	2561	2560	2556	S355	20	6.568e+005
2395	2307	2557	2556	2552	S355	20	6.568e+005
2396	2549	2307	2552	2548	S355	20	6.568e+005
2397	2545	2549	2548	2544	S355	20	6.568e+005
2398	2541	2545	2544	2540	S355	20	6.568e+005
2399	2305	2541	2540	2536	S355	20	6.568e+005
2400	2533	2305	2536	2532	S355	20	6.568e+005
2401	2529	2533	2532	2528	S355	20	6.568e+005
2402	2525	2529	2528	2524	S355	20	6.568e+005
2403	2303	2525	2524	2520	S355	20	6.568e+005
2404	2517	2303	2520	2516	S355	20	6.568e+005
2405	2513	2517	2516	2512	S355	20	6.568e+005
2406	2509	2513	2512	2508	S355	20	6.568e+005
2407	2301	2509	2508	2504	S355	20	6.568e+005
2408	2501	2301	2504	2500	S355	20	6.568e+005
2409	2497	2501	2500	2496	S355	20	6.568e+005
2410	2493	2497	2496	2492	S355	20	6.568e+005
2411	2299	2493	2492	2488	S355	20	6.568e+005
2412	2485	2299	2488	2484	S355	20	6.568e+005
2413	2481	2485	2484	2480	S355	20	6.568e+005
2414	2477	2481	2480	2476	S355	20	6.568e+005
2415	2297	2477	2476	2472	S355	20	6.568e+005
2416	2469	2297	2472	2468	S355	20	6.568e+005
2417	2465	2469	2468	2464	S355	20	6.568e+005
2418	2461	2465	2464	2460	S355	20	6.568e+005
2419	2295	2461	2460	2456	S355	20	6.568e+005
2420	2453	2295	2456	2452	S355	20	6.568e+005
2421	2449	2453	2452	2448	S355	20	6.568e+005
2422	2445	2449	2448	2444	S355	20	6.568e+005
2423	2292	2445	2444	2441	S355	20	6.671e+005
2424	2437	2292	2441	2436	S355	20	5.805e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2425	2433	2437	2436	2432	S355	20	6.568e+005
2426	2427	2433	2432	2429	S355	20	6.804e+005
2427	2290	2427	2429	2426	S355	20	5.545e+005
2432	2279	2333	2332	2330	S355	20	5.267e+005
2433	2333	2335	2334	2332	S355	20	5.267e+005
2434	2335	2337	2336	2334	S355	20	6.568e+005
2435	2337	2280	2338	2336	S355	20	6.568e+005
2436	2280	2341	2340	2338	S355	20	6.568e+005
2437	2341	2343	2342	2340	S355	20	6.568e+005
2438	2343	2345	2344	2342	S355	20	6.568e+005
2439	2345	2281	2346	2344	S355	20	6.568e+005
2440	2281	2349	2348	2346	S355	20	6.568e+005
2441	2349	2351	2350	2348	S355	20	6.568e+005
2442	2351	2353	2352	2350	S355	20	6.568e+005
2443	2353	2282	2354	2352	S355	20	6.568e+005
2444	2282	2357	2356	2354	S355	20	6.568e+005
2445	2357	2359	2358	2356	S355	20	6.568e+005
2446	2359	2361	2360	2358	S355	20	6.568e+005
2447	2361	2283	2362	2360	S355	20	6.568e+005
2448	2283	2365	2364	2362	S355	20	6.568e+005
2449	2365	2367	2366	2364	S355	20	6.568e+005
2450	2367	2369	2368	2366	S355	20	6.568e+005
2451	2369	2284	2370	2368	S355	20	6.568e+005
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2457	2381	2383	2382	2380	S355	20	6.568e+005
2458	2383	2385	2384	2382	S355	20	6.568e+005
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2461	2389	2391	2390	2388	S355	20	6.568e+005
2462	2391	2393	2392	2390	S355	20	6.568e+005
2463	2393	2287	2394	2392	S355	20	6.568e+005
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2467	2401	2288	2402	2400	S355	20	6.568e+005
2468	2288	2405	2404	2402	S355	20	6.568e+005
2469	2405	2407	2406	2404	S355	20	6.568e+005
2470	2407	2409	2408	2406	S355	20	6.568e+005
2471	2409	2289	2410	2408	S355	20	6.568e+005
2472	2289	2413	2412	2410	S355	20	6.568e+005
2473	2413	2417	2416	2412	S355	20	6.568e+005
2474	2417	2421	2420	2416	S355	20	6.568e+005
2475	2421	2291	2290	2420	S355	20	6.568e+005
2476	2291	2428	2427	2290	S355	20	6.568e+005
2477	2428	2431	2430	2427	S355	20	6.568e+005
2478	2431	2435	2434	2430	S355	20	6.568e+005
2479	2435	2293	2439	2434	S355	20	6.568e+005
2480	2293	2443	2442	2439	S355	20	6.568e+005
2481	2443	2447	2446	2442	S355	20	6.568e+005
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2483	2451	2294	2454	2450	S355	20	6.568e+005
2484	2294	2459	2458	2454	S355	20	6.568e+005
2485	2459	2463	2462	2458	S355	20	6.568e+005
2486	2463	2467	2466	2462	S355	20	6.568e+005
2487	2467	2296	2470	2466	S355	20	6.568e+005
2488	2296	2475	2474	2470	S355	20	6.568e+005
2489	2475	2479	2478	2474	S355	20	6.568e+005
2490	2479	2483	2482	2478	S355	20	6.568e+005
2491	2483	2298	2486	2482	S355	20	6.568e+005
2492	2298	2491	2490	2486	S355	20	6.568e+005
2493	2491	2495	2494	2490	S355	20	6.568e+005
2494	2495	2499	2498	2494	S355	20	6.568e+005
2495	2499	2300	2502	2498	S355	20	6.568e+005
2496	2300	2507	2506	2502	S355	20	6.568e+005
2497	2507	2511	2510	2506	S355	20	6.568e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

2498	2511	2515	2514	2510	S355	20	6.568e+005
2499	2515	2302	2518	2514	S355	20	6.568e+005
2500	2302	2523	2522	2518	S355	20	6.568e+005
2501	2523	2527	2526	2522	S355	20	6.568e+005
2502	2527	2531	2530	2526	S355	20	6.568e+005
2503	2531	2304	2534	2530	S355	20	6.568e+005
2504	2304	2539	2538	2534	S355	20	6.568e+005
2505	2539	2543	2542	2538	S355	20	6.568e+005
2506	2543	2547	2546	2542	S355	20	6.568e+005
2507	2547	2306	2550	2546	S355	20	6.568e+005
2508	2306	2555	2554	2550	S355	20	6.568e+005
2509	2555	2559	2558	2554	S355	20	6.568e+005
2510	2559	2563	2562	2558	S355	20	5.267e+005
2511	2563	2308	2567	2562	S355	20	5.267e+005
2512	2229	2263	2644	2640	Rck45	450	5.903e+005
2513	2273	2231	2642	2654	Rck45	450	5.903e+005
2514	2264	2230	2641	2645	Rck45	450	5.903e+005
2515	2232	2274	2655	2643	Rck45	450	5.903e+005
2516	2153	2155	2662	2660	Rck45	450	8.738e+005
2517	2155	2157	2664	2662	Rck45	450	6.125e+005
2518	2157	2159	2666	2664	Rck45	450	6.615e+005
2519	2159	2161	2668	2666	Rck45	450	6.615e+005
2520	2161	2163	2670	2668	Rck45	450	6.125e+005
2521	2163	2165	2672	2670	Rck45	450	8.738e+005
2522	2165	2167	2674	2672	Rck45	450	8.248e+005
2523	2167	2169	2676	2674	Rck45	450	8.248e+005
2524	2169	2171	2678	2676	Rck45	450	8.248e+005
2525	2171	2173	2680	2678	Rck45	450	8.248e+005
2526	2173	2175	2682	2680	Rck45	450	8.248e+005
2527	2175	2177	2684	2682	Rck45	450	8.248e+005
2528	2177	2179	2686	2684	Rck45	450	8.248e+005
2529	2179	2181	2688	2686	Rck45	450	8.248e+005
2530	2181	2183	2690	2688	Rck45	450	8.248e+005
2531	2185	2187	2694	2692	Rck45	450	8.248e+005
2532	2187	2189	2696	2694	Rck45	450	8.248e+005
2533	2189	2191	2698	2696	Rck45	450	8.248e+005
2534	2191	2193	2700	2698	Rck45	450	8.248e+005
2535	2193	2195	2702	2700	Rck45	450	8.248e+005
2536	2195	2197	2704	2702	Rck45	450	8.248e+005
2537	2197	2199	2706	2704	Rck45	450	8.248e+005
2538	2199	2201	2708	2706	Rck45	450	8.248e+005
2539	2201	2203	2710	2708	Rck45	450	8.248e+005
2540	2203	2205	2712	2710	Rck45	450	8.738e+005
2541	2205	2207	2714	2712	Rck45	450	6.125e+005
2542	2207	2209	2716	2714	Rck45	450	6.615e+005
2543	2209	2211	2718	2716	Rck45	450	6.615e+005
2544	2211	2213	2720	2718	Rck45	450	6.125e+005
2545	2213	2215	2722	2720	Rck45	450	8.738e+005
2546	2156	2154	2661	2663	Rck45	450	8.738e+005
2547	2158	2156	2663	2665	Rck45	450	6.125e+005
2548	2160	2158	2665	2667	Rck45	450	6.615e+005
2549	2162	2160	2667	2669	Rck45	450	6.615e+005
2550	2164	2162	2669	2671	Rck45	450	6.125e+005
2551	2166	2164	2671	2673	Rck45	450	8.738e+005
2552	2168	2166	2673	2675	Rck45	450	8.248e+005
2553	2170	2168	2675	2677	Rck45	450	8.248e+005
2554	2172	2170	2677	2679	Rck45	450	8.248e+005
2555	2174	2172	2679	2681	Rck45	450	8.248e+005
2556	2176	2174	2681	2683	Rck45	450	8.248e+005
2557	2178	2176	2683	2685	Rck45	450	8.248e+005
2558	2180	2178	2685	2687	Rck45	450	8.248e+005
2559	2182	2180	2687	2689	Rck45	450	8.248e+005
2560	2184	2182	2689	2691	Rck45	450	8.248e+005
2561	2188	2186	2693	2695	Rck45	450	8.248e+005
2562	2190	2188	2695	2697	Rck45	450	8.248e+005
2563	2192	2190	2697	2699	Rck45	450	8.248e+005
2564	2194	2192	2699	2701	Rck45	450	8.248e+005
2565	2196	2194	2701	2703	Rck45	450	8.248e+005
2566	2198	2196	2703	2705	Rck45	450	8.248e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

2567	2200	2198	2705	2707	Rck45	450	8.248e+005
2568	2202	2200	2707	2709	Rck45	450	8.248e+005
2569	2204	2202	2709	2711	Rck45	450	8.248e+005
2570	2206	2204	2711	2713	Rck45	450	8.738e+005
2571	2208	2206	2713	2715	Rck45	450	6.125e+005
2572	2210	2208	2715	2717	Rck45	450	6.615e+005
2573	2212	2210	2717	2719	Rck45	450	6.615e+005
2574	2214	2212	2719	2721	Rck45	450	6.125e+005
2575	2216	2214	2721	2723	Rck45	450	8.738e+005
2576	2263	2265	2646	2644	Rck45	450	5.786e+005
2577	2265	2267	2648	2646	Rck45	450	5.786e+005
2578	2269	2271	2652	2650	Rck45	450	5.786e+005
2579	2271	2273	2654	2652	Rck45	450	5.786e+005
2580	2266	2264	2645	2647	Rck45	450	5.786e+005
2581	2268	2266	2647	2649	Rck45	450	5.786e+005
2582	2272	2270	2651	2653	Rck45	450	5.786e+005
2583	2274	2272	2653	2655	Rck45	450	5.786e+005
2584	2267	2275	2656	2648	Rck45	450	5.685e+005
2585	2277	2269	2650	2658	Rck45	450	5.685e+005
2586	2276	2268	2649	2657	Rck45	450	5.685e+005
2587	2270	2278	2659	2651	Rck45	450	5.685e+005
2588	2183	2310	2768	2690	Rck45	450	7.75e+005
2589	2312	2185	2692	2770	Rck45	450	7.75e+005
2590	2311	2184	2691	2769	Rck45	450	7.75e+005
2591	2186	2313	2771	2693	Rck45	450	7.75e+005
2592	2275	2314	2724	2656	Rck45	450	5.483e+005
2593	2324	2277	2658	2734	Rck45	450	5.483e+005
2594	2315	2276	2657	2725	Rck45	450	5.483e+005
2595	2278	2325	2735	2659	Rck45	450	5.483e+005
2596	2314	2316	2726	2724	Rck45	450	5.382e+005
2597	2316	2318	2728	2726	Rck45	450	5.382e+005
2598	2320	2322	2732	2730	Rck45	450	5.382e+005
2599	2322	2324	2734	2732	Rck45	450	5.382e+005
2600	2317	2315	2725	2727	Rck45	450	5.382e+005
2601	2319	2317	2727	2729	Rck45	450	5.382e+005
2602	2323	2321	2731	2733	Rck45	450	5.382e+005
2603	2325	2323	2733	2735	Rck45	450	5.382e+005
2604	2318	2326	2736	2728	Rck45	450	5.31e+005
2605	2328	2320	2730	2738	Rck45	450	5.31e+005
2606	2327	2319	2729	2737	Rck45	450	5.31e+005
2607	2321	2329	2739	2731	Rck45	450	5.31e+005
2608	2326	2570	2740	2736	Rck45	450	5.165e+005
2609	2580	2328	2738	2750	Rck45	450	5.165e+005
2610	2571	2327	2737	2741	Rck45	450	5.165e+005
2611	2329	2581	2751	2739	Rck45	450	5.165e+005
2612	2570	2572	2742	2740	Rck45	450	5.092e+005
2613	2572	2574	2744	2742	Rck45	450	5.092e+005
2614	2576	2578	2748	2746	Rck45	450	5.092e+005
2615	2578	2580	2750	2748	Rck45	450	5.092e+005
2616	2573	2571	2741	2743	Rck45	450	5.092e+005
2617	2575	2573	2743	2745	Rck45	450	5.092e+005
2618	2579	2577	2747	2749	Rck45	450	5.092e+005
2619	2581	2579	2749	2751	Rck45	450	5.092e+005
2620	2574	2582	2752	2744	Rck45	450	5.029e+005
2621	2584	2576	2746	2754	Rck45	450	5.029e+005
2622	2583	2575	2745	2753	Rck45	450	5.029e+005
2623	2577	2585	2755	2747	Rck45	450	5.029e+005
2624	2582	2586	2756	2752	Rck45	450	4.903e+005
2625	2596	2584	2754	2766	Rck45	450	4.903e+005
2626	2587	2583	2753	2757	Rck45	450	4.903e+005
2627	2585	2597	2767	2755	Rck45	450	4.903e+005
2628	2586	2588	2758	2756	Rck45	450	4.84e+005
2629	2588	2590	2760	2758	Rck45	450	4.84e+005
2630	2592	2594	2764	2762	Rck45	450	4.84e+005
2631	2594	2596	2766	2764	Rck45	450	4.84e+005
2632	2589	2587	2757	2759	Rck45	450	4.84e+005
2633	2591	2589	2759	2761	Rck45	450	4.84e+005
2634	2595	2593	2763	2765	Rck45	450	4.84e+005
2635	2597	2595	2765	2767	Rck45	450	4.84e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2636	2310	2602	2802	2768	Rck45	450	6.752e+005
2637	2612	2312	2770	2812	Rck45	450	6.752e+005
2638	2603	2311	2769	2803	Rck45	450	6.752e+005
2639	2313	2613	2813	2771	Rck45	450	6.752e+005
2640	2590	2598	2772	2760	Rck45	450	4.792e+005
2641	2600	2592	2762	2774	Rck45	450	4.792e+005
2642	2599	2591	2761	2773	Rck45	450	4.792e+005
2643	2593	2601	2775	2763	Rck45	450	4.792e+005
2644	2598	2614	2776	2772	Rck45	450	4.698e+005
2645	2638	2600	2774	2800	Rck45	450	4.698e+005
2646	2615	2599	2773	2777	Rck45	450	4.698e+005
2647	2601	2639	2801	2775	Rck45	450	4.698e+005
2648	2614	2616	2778	2776	Rck45	450	4.65e+005
2649	2616	2618	2780	2778	Rck45	450	4.65e+005
2650	2618	2620	2782	2780	Rck45	450	4.65e+005
2651	2620	2622	2784	2782	Rck45	450	4.65e+005
2652	2622	2624	2786	2784	Rck45	450	4.65e+005
2653	2624	2626	2788	2786	Rck45	450	4.65e+005
2654	2626	2628	2790	2788	Rck45	450	4.65e+005
2655	2628	2630	2792	2790	Rck45	450	4.65e+005
2656	2630	2632	2794	2792	Rck45	450	4.65e+005
2657	2632	2634	2796	2794	Rck45	450	4.65e+005
2658	2634	2636	2798	2796	Rck45	450	4.65e+005
2659	2636	2638	2800	2798	Rck45	450	4.65e+005
2660	2617	2615	2777	2779	Rck45	450	4.65e+005
2661	2619	2617	2779	2781	Rck45	450	4.65e+005
2662	2621	2619	2781	2783	Rck45	450	4.65e+005
2663	2623	2621	2783	2785	Rck45	450	4.65e+005
2664	2625	2623	2785	2787	Rck45	450	4.65e+005
2665	2627	2625	2787	2789	Rck45	450	4.65e+005
2666	2629	2627	2789	2791	Rck45	450	4.65e+005
2667	2631	2629	2791	2793	Rck45	450	4.65e+005
2668	2633	2631	2793	2795	Rck45	450	4.65e+005
2669	2635	2633	2795	2797	Rck45	450	4.65e+005
2670	2637	2635	2797	2799	Rck45	450	4.65e+005
2671	2639	2637	2799	2801	Rck45	450	4.65e+005
2672	3145	2864	2309	2566	S355	20	4.563e+005
2673	3131	2862	2307	2552	S355	20	4.578e+005
2674	3115	2860	2305	2536	S355	20	4.578e+005
2675	3099	2858	2303	2520	S355	20	4.578e+005
2676	3083	2856	2301	2504	S355	20	4.578e+005
2677	3067	2854	2299	2488	S355	20	4.578e+005
2678	3051	2850	2297	2472	S355	20	4.578e+005
2679	3035	2848	2295	2456	S355	20	4.578e+005
2680	3020	2845	2292	2441	S355	20	4.371e+005
2681	3005	2843	2290	2426	S355	20	3.703e+005
2682	2909	2830	2279	2330	S355	20	4.578e+005
2683	2917	2831	2280	2338	S355	20	4.578e+005
2684	2925	2832	2281	2346	S355	20	4.578e+005
2685	2933	2833	2282	2354	S355	20	4.578e+005
2686	2941	2834	2283	2362	S355	20	4.578e+005
2687	2949	2835	2284	2370	S355	20	4.578e+005
2688	2957	2838	2285	2378	S355	20	4.578e+005
2689	2965	2839	2286	2386	S355	20	4.578e+005
2690	2973	2840	2287	2394	S355	20	4.578e+005
2691	2981	2841	2288	2402	S355	20	4.578e+005
2692	2989	2842	2289	2410	S355	20	4.578e+005
2693	2843	2844	2291	2290	S355	20	4.578e+005
2694	3018	2846	2293	2439	S355	20	4.578e+005
2695	3033	2847	2294	2454	S355	20	4.578e+005
2696	3049	2849	2296	2470	S355	20	4.578e+005
2697	3065	2853	2298	2486	S355	20	4.578e+005
2698	3081	2855	2300	2502	S355	20	4.578e+005
2699	3097	2857	2302	2518	S355	20	4.578e+005
2700	3113	2859	2304	2534	S355	20	4.578e+005
2701	3129	2861	2306	2550	S355	20	4.578e+005
2702	3146	2863	2308	2567	S355	20	4.578e+005
2703	2602	2604	2804	2802	Rck45	450	6.254e+005
2704	2604	2606	2806	2804	Rck45	450	6.254e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

2705	2608	2610	2810	2808	Rck45	450	6.254e+005
2706	2610	2612	2812	2810	Rck45	450	6.254e+005
2707	2605	2603	2803	2805	Rck45	450	6.254e+005
2708	2607	2605	2805	2807	Rck45	450	6.254e+005
2709	2611	2609	2809	2811	Rck45	450	6.254e+005
2710	2613	2611	2811	2813	Rck45	450	6.254e+005
2711	2606	2640	2814	2806	Rck45	450	6.137e+005
2712	2642	2608	2808	2816	Rck45	450	6.137e+005
2713	2641	2607	2807	2815	Rck45	450	6.137e+005
2714	2609	2643	2817	2809	Rck45	450	6.137e+005
2715	3143	2564	2566	3145	S355	16	8.91e+005
2716	3139	2560	2564	3143	S355	16	8.91e+005
2717	3135	2556	2560	3139	S355	16	1.111e+006
2718	3131	2552	2556	3135	S355	16	1.111e+006
2719	3127	2548	2552	3131	S355	16	1.111e+006
2720	3123	2544	2548	3127	S355	16	1.111e+006
2721	3119	2540	2544	3123	S355	16	1.111e+006
2722	3115	2536	2540	3119	S355	16	1.111e+006
2723	3111	2532	2536	3115	S355	16	1.111e+006
2724	3107	2528	2532	3111	S355	16	1.111e+006
2725	3103	2524	2528	3107	S355	16	1.111e+006
2726	3099	2520	2524	3103	S355	16	1.111e+006
2727	3095	2516	2520	3099	S355	16	1.111e+006
2728	3091	2512	2516	3095	S355	16	1.111e+006
2729	3087	2508	2512	3091	S355	16	1.111e+006
2730	3083	2504	2508	3087	S355	16	1.111e+006
2731	3079	2500	2504	3083	S355	16	1.111e+006
2732	3075	2496	2500	3079	S355	16	1.111e+006
2733	3071	2492	2496	3075	S355	16	1.111e+006
2734	3067	2488	2492	3071	S355	16	1.111e+006
2735	3063	2484	2488	3067	S355	16	1.111e+006
2736	3059	2480	2484	3063	S355	16	1.111e+006
2737	3055	2476	2480	3059	S355	16	1.111e+006
2738	3051	2472	2476	3055	S355	16	1.111e+006
2739	3047	2468	2472	3051	S355	16	1.111e+006
2740	3043	2464	2468	3047	S355	16	1.111e+006
2741	3039	2460	2464	3043	S355	16	1.111e+006
2742	3035	2456	2460	3039	S355	16	1.111e+006
2743	3031	2452	2456	3035	S355	16	1.111e+006
2744	3027	2448	2452	3031	S355	16	1.111e+006
2745	3023	2444	2448	3027	S355	16	1.111e+006
2746	3020	2441	2444	3023	S355	16	1.111e+006
2747	3015	2436	2441	3020	S355	16	1.111e+006
2748	3011	2432	2436	3015	S355	16	1.111e+006
2749	3008	2429	2432	3011	S355	16	1.111e+006
2750	3005	2426	2429	3008	S355	16	1.111e+006
2755	2909	2330	2332	2911	S355	16	8.91e+005
2756	2911	2332	2334	2913	S355	16	8.91e+005
2757	2913	2334	2336	2915	S355	16	1.111e+006
2758	2915	2336	2338	2917	S355	16	1.111e+006
2759	2917	2338	2340	2919	S355	16	1.111e+006
2760	2919	2340	2342	2921	S355	16	1.111e+006
2761	2921	2342	2344	2923	S355	16	1.111e+006
2762	2923	2344	2346	2925	S355	16	1.111e+006
2763	2925	2346	2348	2927	S355	16	1.111e+006
2764	2927	2348	2350	2929	S355	16	1.111e+006
2765	2929	2350	2352	2931	S355	16	1.111e+006
2766	2931	2352	2354	2933	S355	16	1.111e+006
2767	2933	2354	2356	2935	S355	16	1.111e+006
2768	2935	2356	2358	2937	S355	16	1.111e+006
2769	2937	2358	2360	2939	S355	16	1.111e+006
2770	2939	2360	2362	2941	S355	16	1.111e+006
2771	2941	2362	2364	2943	S355	16	1.111e+006
2772	2943	2364	2366	2945	S355	16	1.111e+006
2773	2945	2366	2368	2947	S355	16	1.111e+006
2774	2947	2368	2370	2949	S355	16	1.111e+006
2775	2949	2370	2372	2951	S355	16	1.111e+006
2776	2951	2372	2374	2953	S355	16	1.111e+006
2777	2953	2374	2376	2955	S355	16	1.111e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

2778	2955	2376	2378	2957	S355	16	1.111e+006
2779	2957	2378	2380	2959	S355	16	1.111e+006
2780	2959	2380	2382	2961	S355	16	1.111e+006
2781	2961	2382	2384	2963	S355	16	1.111e+006
2782	2963	2384	2386	2965	S355	16	1.111e+006
2783	2965	2386	2388	2967	S355	16	1.111e+006
2784	2967	2388	2390	2969	S355	16	1.111e+006
2785	2969	2390	2392	2971	S355	16	1.111e+006
2786	2971	2392	2394	2973	S355	16	1.111e+006
2787	2973	2394	2396	2975	S355	16	1.111e+006
2788	2975	2396	2398	2977	S355	16	1.111e+006
2789	2977	2398	2400	2979	S355	16	1.111e+006
2790	2979	2400	2402	2981	S355	16	1.111e+006
2791	2981	2402	2404	2983	S355	16	1.111e+006
2792	2983	2404	2406	2985	S355	16	1.111e+006
2793	2985	2406	2408	2987	S355	16	1.111e+006
2794	2987	2408	2410	2989	S355	16	1.111e+006
2795	2989	2410	2412	2991	S355	16	1.111e+006
2796	2991	2412	2416	2995	S355	16	1.111e+006
2797	2995	2416	2420	2999	S355	16	1.111e+006
2798	2999	2420	2290	2843	S355	16	1.111e+006
2799	2843	2290	2427	3006	S355	16	1.111e+006
2800	3006	2427	2430	3009	S355	16	1.111e+006
2801	3009	2430	2434	3013	S355	16	1.111e+006
2802	3013	2434	2439	3018	S355	16	1.111e+006
2803	3018	2439	2442	3021	S355	16	1.111e+006
2804	3021	2442	2446	3025	S355	16	1.111e+006
2805	3025	2446	2450	3029	S355	16	1.111e+006
2806	3029	2450	2454	3033	S355	16	1.111e+006
2807	3033	2454	2458	3037	S355	16	1.111e+006
2808	3037	2458	2462	3041	S355	16	1.111e+006
2809	3041	2462	2466	3045	S355	16	1.111e+006
2810	3045	2466	2470	3049	S355	16	1.111e+006
2811	3049	2470	2474	3053	S355	16	1.111e+006
2812	3053	2474	2478	3057	S355	16	1.111e+006
2813	3057	2478	2482	3061	S355	16	1.111e+006
2814	3061	2482	2486	3065	S355	16	1.111e+006
2815	3065	2486	2490	3069	S355	16	1.111e+006
2816	3069	2490	2494	3073	S355	16	1.111e+006
2817	3073	2494	2498	3077	S355	16	1.111e+006
2818	3077	2498	2502	3081	S355	16	1.111e+006
2819	3081	2502	2506	3085	S355	16	1.111e+006
2820	3085	2506	2510	3089	S355	16	1.111e+006
2821	3089	2510	2514	3093	S355	16	1.111e+006
2822	3093	2514	2518	3097	S355	16	1.111e+006
2823	3097	2518	2522	3101	S355	16	1.111e+006
2824	3101	2522	2526	3105	S355	16	1.111e+006
2825	3105	2526	2530	3109	S355	16	1.111e+006
2826	3109	2530	2534	3113	S355	16	1.111e+006
2827	3113	2534	2538	3117	S355	16	1.111e+006
2828	3117	2538	2542	3121	S355	16	1.111e+006
2829	3121	2542	2546	3125	S355	16	1.111e+006
2830	3125	2546	2550	3129	S355	16	1.111e+006
2831	3129	2550	2554	3133	S355	16	1.111e+006
2832	3133	2554	2558	3137	S355	16	1.111e+006
2833	3137	2558	2562	3141	S355	16	8.91e+005
2834	3141	2562	2567	3146	S355	16	8.91e+005
2835	2640	2644	2818	2814	Rck45	450	5.903e+005
2836	2654	2642	2816	2828	Rck45	450	5.903e+005
2837	2645	2641	2815	2819	Rck45	450	5.903e+005
2838	2643	2655	2829	2817	Rck45	450	5.903e+005
2839	2644	2646	2820	2818	Rck45	450	5.786e+005
2840	2646	2648	2822	2820	Rck45	450	5.786e+005
2841	2650	2652	2826	2824	Rck45	450	5.786e+005
2842	2652	2654	2828	2826	Rck45	450	5.786e+005
2843	2647	2645	2819	2821	Rck45	450	5.786e+005
2844	2649	2647	2821	2823	Rck45	450	5.786e+005
2845	2653	2651	2825	2827	Rck45	450	5.786e+005
2846	2655	2653	2827	2829	Rck45	450	5.786e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2847	2648	2656	2836	2822	Rck45	450	5.685e+005
2848	2658	2650	2824	2851	Rck45	450	5.685e+005
2849	2657	2649	2823	2837	Rck45	450	5.685e+005
2850	2651	2659	2852	2825	Rck45	450	5.685e+005
2851	2656	2724	2865	2836	Rck45	450	5.483e+005
2852	2734	2658	2851	2875	Rck45	450	5.483e+005
2853	2725	2657	2837	2866	Rck45	450	5.483e+005
2854	2659	2735	2876	2852	Rck45	450	5.483e+005
2855	2724	2726	2867	2865	Rck45	450	5.382e+005
2856	2726	2728	2869	2867	Rck45	450	5.382e+005
2857	2730	2732	2873	2871	Rck45	450	5.382e+005
2858	2732	2734	2875	2873	Rck45	450	5.382e+005
2859	2727	2725	2866	2868	Rck45	450	5.382e+005
2860	2729	2727	2868	2870	Rck45	450	5.382e+005
2861	2733	2731	2872	2874	Rck45	450	5.382e+005
2862	2735	2733	2874	2876	Rck45	450	5.382e+005
2863	2728	2736	2877	2869	Rck45	450	5.31e+005
2864	2738	2730	2871	2879	Rck45	450	5.31e+005
2865	2737	2729	2870	2878	Rck45	450	5.31e+005
2866	2731	2739	2880	2872	Rck45	450	5.31e+005
2867	2736	2740	2881	2877	Rck45	450	5.165e+005
2868	2750	2738	2879	2891	Rck45	450	5.165e+005
2869	2741	2737	2878	2882	Rck45	450	5.165e+005
2870	2739	2751	2892	2880	Rck45	450	5.165e+005
2871	2740	2742	2883	2881	Rck45	450	5.092e+005
2872	2742	2744	2885	2883	Rck45	450	5.092e+005
2873	2746	2748	2889	2887	Rck45	450	5.092e+005
2874	2748	2750	2891	2889	Rck45	450	5.092e+005
2875	2743	2741	2882	2884	Rck45	450	5.092e+005
2876	2745	2743	2884	2886	Rck45	450	5.092e+005
2877	2749	2747	2888	2890	Rck45	450	5.092e+005
2878	2751	2749	2890	2892	Rck45	450	5.092e+005
2879	2744	2752	2893	2885	Rck45	450	5.029e+005
2880	2754	2746	2887	2895	Rck45	450	5.029e+005
2881	2753	2745	2886	2894	Rck45	450	5.029e+005
2882	2747	2755	2896	2888	Rck45	450	5.029e+005
2883	2660	2662	3181	3179	Rck45	450	8.738e+005
2884	2662	2664	3183	3181	Rck45	450	6.125e+005
2885	2664	2666	3185	3183	Rck45	450	6.615e+005
2886	2666	2668	3187	3185	Rck45	450	6.615e+005
2887	2668	2670	3189	3187	Rck45	450	6.125e+005
2888	2670	2672	3191	3189	Rck45	450	8.738e+005
2889	2672	2674	3193	3191	Rck45	450	8.248e+005
2890	2674	2676	3195	3193	Rck45	450	8.248e+005
2891	2676	2678	3197	3195	Rck45	450	8.248e+005
2892	2678	2680	3199	3197	Rck45	450	8.248e+005
2893	2680	2682	3201	3199	Rck45	450	8.248e+005
2894	2682	2684	3203	3201	Rck45	450	8.248e+005
2895	2684	2686	3205	3203	Rck45	450	8.248e+005
2896	2686	2688	3207	3205	Rck45	450	8.248e+005
2897	2688	2690	3209	3207	Rck45	450	8.248e+005
2898	2692	2694	3213	3211	Rck45	450	8.248e+005
2899	2694	2696	3215	3213	Rck45	450	8.248e+005
2900	2696	2698	3217	3215	Rck45	450	8.248e+005
2901	2698	2700	3219	3217	Rck45	450	8.248e+005
2902	2700	2702	3221	3219	Rck45	450	8.248e+005
2903	2702	2704	3223	3221	Rck45	450	8.248e+005
2904	2704	2706	3225	3223	Rck45	450	8.248e+005
2905	2706	2708	3227	3225	Rck45	450	8.248e+005
2906	2708	2710	3229	3227	Rck45	450	8.248e+005
2907	2710	2712	3231	3229	Rck45	450	8.738e+005
2908	2712	2714	3233	3231	Rck45	450	6.125e+005
2909	2714	2716	3235	3233	Rck45	450	6.615e+005
2910	2716	2718	3237	3235	Rck45	450	6.615e+005
2911	2718	2720	3239	3237	Rck45	450	6.125e+005
2912	2720	2722	3241	3239	Rck45	450	8.738e+005
2913	2663	2661	3180	3182	Rck45	450	8.738e+005
2914	2665	2663	3182	3184	Rck45	450	6.125e+005
2915	2667	2665	3184	3186	Rck45	450	6.615e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2916	2669	2667	3186	3188	Rck45	450	6.615e+005
2917	2671	2669	3188	3190	Rck45	450	6.125e+005
2918	2673	2671	3190	3192	Rck45	450	8.738e+005
2919	2675	2673	3192	3194	Rck45	450	8.248e+005
2920	2677	2675	3194	3196	Rck45	450	8.248e+005
2921	2679	2677	3196	3198	Rck45	450	8.248e+005
2922	2681	2679	3198	3200	Rck45	450	8.248e+005
2923	2683	2681	3200	3202	Rck45	450	8.248e+005
2924	2685	2683	3202	3204	Rck45	450	8.248e+005
2925	2687	2685	3204	3206	Rck45	450	8.248e+005
2926	2689	2687	3206	3208	Rck45	450	8.248e+005
2927	2691	2689	3208	3210	Rck45	450	8.248e+005
2928	2695	2693	3212	3214	Rck45	450	8.248e+005
2929	2697	2695	3214	3216	Rck45	450	8.248e+005
2930	2699	2697	3216	3218	Rck45	450	8.248e+005
2931	2701	2699	3218	3220	Rck45	450	8.248e+005
2932	2703	2701	3220	3222	Rck45	450	8.248e+005
2933	2705	2703	3222	3224	Rck45	450	8.248e+005
2934	2707	2705	3224	3226	Rck45	450	8.248e+005
2935	2709	2707	3226	3228	Rck45	450	8.248e+005
2936	2711	2709	3228	3230	Rck45	450	8.248e+005
2937	2713	2711	3230	3232	Rck45	450	8.738e+005
2938	2715	2713	3232	3234	Rck45	450	6.125e+005
2939	2717	2715	3234	3236	Rck45	450	6.615e+005
2940	2719	2717	3236	3238	Rck45	450	6.615e+005
2941	2721	2719	3238	3240	Rck45	450	6.125e+005
2942	2723	2721	3240	3242	Rck45	450	8.738e+005
2943	2752	2756	2897	2893	Rck45	450	4.903e+005
2944	2766	2754	2895	2907	Rck45	450	4.903e+005
2945	2757	2753	2894	2898	Rck45	450	4.903e+005
2946	2755	2767	2908	2896	Rck45	450	4.903e+005
2947	2756	2758	2899	2897	Rck45	450	4.84e+005
2948	2758	2760	2901	2899	Rck45	450	4.84e+005
2949	2762	2764	2905	2903	Rck45	450	4.84e+005
2950	2764	2766	2907	2905	Rck45	450	4.84e+005
2951	2759	2757	2898	2900	Rck45	450	4.84e+005
2952	2761	2759	2900	2902	Rck45	450	4.84e+005
2953	2765	2763	2904	2906	Rck45	450	4.84e+005
2954	2767	2765	2906	2908	Rck45	450	4.84e+005
2955	2760	2772	3149	2901	Rck45	450	4.792e+005
2956	2774	2762	2903	3151	Rck45	450	4.792e+005
2957	2773	2761	2902	3150	Rck45	450	4.792e+005
2958	2763	2775	3152	2904	Rck45	450	4.792e+005
2959	2772	2776	3153	3149	Rck45	450	4.698e+005
2960	2800	2774	3151	3177	Rck45	450	4.698e+005
2961	2777	2773	3150	3154	Rck45	450	4.698e+005
2962	2775	2801	3178	3152	Rck45	450	4.698e+005
2963	2690	2768	3243	3209	Rck45	450	7.75e+005
2964	2776	2778	3155	3153	Rck45	450	4.65e+005
2965	2778	2780	3157	3155	Rck45	450	4.65e+005
2966	2780	2782	3159	3157	Rck45	450	4.65e+005
2967	2782	2784	3161	3159	Rck45	450	4.65e+005
2968	2784	2786	3163	3161	Rck45	450	4.65e+005
2969	2786	2788	3165	3163	Rck45	450	4.65e+005
2970	2788	2790	3167	3165	Rck45	450	4.65e+005
2971	2790	2792	3169	3167	Rck45	450	4.65e+005
2972	2792	2794	3171	3169	Rck45	450	4.65e+005
2973	2794	2796	3173	3171	Rck45	450	4.65e+005
2974	2796	2798	3175	3173	Rck45	450	4.65e+005
2975	2798	2800	3177	3175	Rck45	450	4.65e+005
2976	2770	2692	3211	3245	Rck45	450	7.75e+005
2977	2769	2691	3210	3244	Rck45	450	7.75e+005
2978	2779	2777	3154	3156	Rck45	450	4.65e+005
2979	2781	2779	3156	3158	Rck45	450	4.65e+005
2980	2783	2781	3158	3160	Rck45	450	4.65e+005
2981	2785	2783	3160	3162	Rck45	450	4.65e+005
2982	2787	2785	3162	3164	Rck45	450	4.65e+005
2983	2789	2787	3164	3166	Rck45	450	4.65e+005
2984	2791	2789	3166	3168	Rck45	450	4.65e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

2985	2793	2791	3168	3170	Rck45	450	4.65e+005
2986	2795	2793	3170	3172	Rck45	450	4.65e+005
2987	2797	2795	3172	3174	Rck45	450	4.65e+005
2988	2799	2797	3174	3176	Rck45	450	4.65e+005
2989	2801	2799	3176	3178	Rck45	450	4.65e+005
2990	2693	2771	3246	3212	Rck45	450	7.75e+005
2991	2768	2802	3247	3243	Rck45	450	6.752e+005
2992	2812	2770	3245	3257	Rck45	450	6.752e+005
2993	2803	2769	3244	3248	Rck45	450	6.752e+005
2994	2771	2813	3258	3246	Rck45	450	6.752e+005
2995	3144	2864	3145	3143	S355	20	5.142e+005
2996	3140	3144	3143	3139	S355	20	5.267e+005
2997	3136	3140	3139	3135	S355	20	6.568e+005
2998	2862	3136	3135	3131	S355	20	6.568e+005
2999	3128	2862	3131	3127	S355	20	6.568e+005
3000	3124	3128	3127	3123	S355	20	6.568e+005
3001	3120	3124	3123	3119	S355	20	6.568e+005
3002	2860	3120	3119	3115	S355	20	6.568e+005
3003	3112	2860	3115	3111	S355	20	6.568e+005
3004	3108	3112	3111	3107	S355	20	6.568e+005
3005	3104	3108	3107	3103	S355	20	6.568e+005
3006	2858	3104	3103	3099	S355	20	6.568e+005
3007	3096	2858	3099	3095	S355	20	6.568e+005
3008	3092	3096	3095	3091	S355	20	6.568e+005
3009	3088	3092	3091	3087	S355	20	6.568e+005
3010	2856	3088	3087	3083	S355	20	6.568e+005
3011	3080	2856	3083	3079	S355	20	6.568e+005
3012	3076	3080	3079	3075	S355	20	6.568e+005
3014	3072	3076	3075	3071	S355	20	6.568e+005
3016	2854	3072	3071	3067	S355	20	6.568e+005
3017	3064	2854	3067	3063	S355	20	6.568e+005
3019	3060	3064	3063	3059	S355	20	6.568e+005
3020	3056	3060	3059	3055	S355	20	6.568e+005
3022	2850	3056	3055	3051	S355	20	6.568e+005
3023	3048	2850	3051	3047	S355	20	6.568e+005
3025	3044	3048	3047	3043	S355	20	6.568e+005
3026	3040	3044	3043	3039	S355	20	6.568e+005
3028	2848	3040	3039	3035	S355	20	6.568e+005
3029	3032	2848	3035	3031	S355	20	6.568e+005
3031	3028	3032	3031	3027	S355	20	6.568e+005
3032	3024	3028	3027	3023	S355	20	6.568e+005
3034	2845	3024	3023	3020	S355	20	6.671e+005
3035	3016	2845	3020	3015	S355	20	5.805e+005
3036	3012	3016	3015	3011	S355	20	6.568e+005
3037	3006	3012	3011	3008	S355	20	6.804e+005
3038	2843	3006	3008	3005	S355	20	5.545e+005
3043	2830	2912	2911	2909	S355	20	5.267e+005
3044	2912	2914	2913	2911	S355	20	5.267e+005
3045	2914	2916	2915	2913	S355	20	6.568e+005
3046	2916	2831	2917	2915	S355	20	6.568e+005
3047	2831	2920	2919	2917	S355	20	6.568e+005
3048	2920	2922	2921	2919	S355	20	6.568e+005
3049	2922	2924	2923	2921	S355	20	6.568e+005
3050	2924	2832	2925	2923	S355	20	6.568e+005
3051	2832	2928	2927	2925	S355	20	6.568e+005
3052	2928	2930	2929	2927	S355	20	6.568e+005
3053	2930	2932	2931	2929	S355	20	6.568e+005
3054	2932	2833	2933	2931	S355	20	6.568e+005
3055	2833	2936	2935	2933	S355	20	6.568e+005
3056	2936	2938	2937	2935	S355	20	6.568e+005
3057	2938	2940	2939	2937	S355	20	6.568e+005
3058	2940	2834	2941	2939	S355	20	6.568e+005
3059	2834	2944	2943	2941	S355	20	6.568e+005
3060	2944	2946	2945	2943	S355	20	6.568e+005
3061	2946	2948	2947	2945	S355	20	6.568e+005
3062	2948	2835	2949	2947	S355	20	6.568e+005
3063	2835	2952	2951	2949	S355	20	6.568e+005
3064	2952	2954	2953	2951	S355	20	6.568e+005
3065	2954	2956	2955	2953	S355	20	6.568e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

3066	2956	2838	2957	2955	S355	20	6.568e+005
3067	2838	2960	2959	2957	S355	20	6.568e+005
3068	2960	2962	2961	2959	S355	20	6.568e+005
3069	2962	2964	2963	2961	S355	20	6.568e+005
3070	2964	2839	2965	2963	S355	20	6.568e+005
3071	2839	2968	2967	2965	S355	20	6.568e+005
3072	2968	2970	2969	2967	S355	20	6.568e+005
3073	2970	2972	2971	2969	S355	20	6.568e+005
3074	2972	2840	2973	2971	S355	20	6.568e+005
3075	2840	2976	2975	2973	S355	20	6.568e+005
3076	2976	2978	2977	2975	S355	20	6.568e+005
3077	2978	2980	2979	2977	S355	20	6.568e+005
3078	2980	2841	2981	2979	S355	20	6.568e+005
3079	2841	2984	2983	2981	S355	20	6.568e+005
3080	2984	2986	2985	2983	S355	20	6.568e+005
3081	2986	2988	2987	2985	S355	20	6.568e+005
3082	2988	2842	2989	2987	S355	20	6.568e+005
3083	2842	2992	2991	2989	S355	20	6.568e+005
3084	2992	2996	2995	2991	S355	20	6.568e+005
3085	2996	3000	2999	2995	S355	20	6.568e+005
3086	3000	2844	2843	2999	S355	20	6.568e+005
3087	2844	3007	3006	2843	S355	20	6.568e+005
3088	3007	3010	3009	3006	S355	20	6.568e+005
3089	3010	3014	3013	3009	S355	20	6.568e+005
3090	3014	2846	3018	3013	S355	20	6.568e+005
3091	2846	3022	3021	3018	S355	20	6.568e+005
3092	3022	3026	3025	3021	S355	20	6.568e+005
3093	3026	3030	3029	3025	S355	20	6.568e+005
3094	3030	2847	3033	3029	S355	20	6.568e+005
3095	2847	3038	3037	3033	S355	20	6.568e+005
3096	3038	3042	3041	3037	S355	20	6.568e+005
3097	3042	3046	3045	3041	S355	20	6.568e+005
3098	3046	2849	3049	3045	S355	20	6.568e+005
3099	2849	3054	3053	3049	S355	20	6.568e+005
3100	3054	3058	3057	3053	S355	20	6.568e+005
3101	3058	3062	3061	3057	S355	20	6.568e+005
3102	3062	2853	3065	3061	S355	20	6.568e+005
3103	2853	3070	3069	3065	S355	20	6.568e+005
3104	3070	3074	3073	3069	S355	20	6.568e+005
3105	3074	3078	3077	3073	S355	20	6.568e+005
3106	3078	2855	3081	3077	S355	20	6.568e+005
3107	2855	3086	3085	3081	S355	20	6.568e+005
3108	3086	3090	3089	3085	S355	20	6.568e+005
3109	3090	3094	3093	3089	S355	20	6.568e+005
3110	3094	2857	3097	3093	S355	20	6.568e+005
3111	2857	3102	3101	3097	S355	20	6.568e+005
3112	3102	3106	3105	3101	S355	20	6.568e+005
3113	3106	3110	3109	3105	S355	20	6.568e+005
3114	3110	2859	3113	3109	S355	20	6.568e+005
3115	2859	3118	3117	3113	S355	20	6.568e+005
3116	3118	3122	3121	3117	S355	20	6.568e+005
3117	3122	3126	3125	3121	S355	20	6.568e+005
3118	3126	2861	3129	3125	S355	20	6.568e+005
3119	2861	3134	3133	3129	S355	20	6.568e+005
3120	3134	3138	3137	3133	S355	20	6.568e+005
3121	3138	3142	3141	3137	S355	20	5.267e+005
3122	3142	2863	3146	3141	S355	20	5.267e+005
3123	2802	2804	3249	3247	Rck45	450	6.254e+005
3124	2804	2806	3251	3249	Rck45	450	6.254e+005
3125	2808	2810	3255	3253	Rck45	450	6.254e+005
3126	2810	2812	3257	3255	Rck45	450	6.254e+005
3127	2805	2803	3248	3250	Rck45	450	6.254e+005
3128	2807	2805	3250	3252	Rck45	450	6.254e+005
3129	2811	2809	3254	3256	Rck45	450	6.254e+005
3130	2813	2811	3256	3258	Rck45	450	6.254e+005
3131	2806	2814	3259	3251	Rck45	450	6.137e+005
3132	2816	2808	3253	3261	Rck45	450	6.137e+005
3133	2815	2807	3252	3260	Rck45	450	6.137e+005
3134	2809	2817	3262	3254	Rck45	450	6.137e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

3135	2814	2818	3263	3259	Rck45	450	5.903e+005
3136	2828	2816	3261	3273	Rck45	450	5.903e+005
3137	2819	2815	3260	3264	Rck45	450	5.903e+005
3138	2817	2829	3274	3262	Rck45	450	5.903e+005
3139	2818	2820	3265	3263	Rck45	450	5.786e+005
3140	2820	2822	3267	3265	Rck45	450	5.786e+005
3141	2824	2826	3271	3269	Rck45	450	5.786e+005
3142	2826	2828	3273	3271	Rck45	450	5.786e+005
3143	2821	2819	3264	3266	Rck45	450	5.786e+005
3144	2823	2821	3266	3268	Rck45	450	5.786e+005
3145	2827	2825	3270	3272	Rck45	450	5.786e+005
3146	2829	2827	3272	3274	Rck45	450	5.786e+005
3147	2822	2836	3275	3267	Rck45	450	5.685e+005
3148	2851	2824	3269	3277	Rck45	450	5.685e+005
3149	2837	2823	3268	3276	Rck45	450	5.685e+005
3150	2825	2852	3278	3270	Rck45	450	5.685e+005
3151	2836	2865	3279	3275	Rck45	450	5.483e+005
3152	2875	2851	3277	3289	Rck45	450	5.483e+005
3153	2866	2837	3276	3280	Rck45	450	5.483e+005
3154	2852	2876	3290	3278	Rck45	450	5.483e+005
3155	2865	2867	3281	3279	Rck45	450	5.382e+005
3156	2867	2869	3283	3281	Rck45	450	5.382e+005
3157	2871	2873	3287	3285	Rck45	450	5.382e+005
3158	2873	2875	3289	3287	Rck45	450	5.382e+005
3159	2868	2866	3280	3282	Rck45	450	5.382e+005
3160	2870	2868	3282	3284	Rck45	450	5.382e+005
3161	2874	2872	3286	3288	Rck45	450	5.382e+005
3162	2876	2874	3288	3290	Rck45	450	5.382e+005
3163	2869	2877	3291	3283	Rck45	450	5.31e+005
3164	2879	2871	3285	3293	Rck45	450	5.31e+005
3165	2878	2870	3284	3292	Rck45	450	5.31e+005
3166	2872	2880	3294	3286	Rck45	450	5.31e+005
3167	2877	2881	3295	3291	Rck45	450	5.165e+005
3168	2891	2879	3293	3305	Rck45	450	5.165e+005
3169	2882	2878	3292	3296	Rck45	450	5.165e+005
3170	2880	2892	3306	3294	Rck45	450	5.165e+005
3171	2881	2883	3297	3295	Rck45	450	5.092e+005
3172	2883	2885	3299	3297	Rck45	450	5.092e+005
3173	2887	2889	3303	3301	Rck45	450	5.092e+005
3174	2889	2891	3305	3303	Rck45	450	5.092e+005
3175	2884	2882	3296	3298	Rck45	450	5.092e+005
3176	2886	2884	3298	3300	Rck45	450	5.092e+005
3177	2890	2888	3302	3304	Rck45	450	5.092e+005
3178	2892	2890	3304	3306	Rck45	450	5.092e+005
3179	2885	2893	3307	3299	Rck45	450	5.029e+005
3180	2895	2887	3301	3309	Rck45	450	5.029e+005
3181	2894	2886	3300	3308	Rck45	450	5.029e+005
3182	2888	2896	3310	3302	Rck45	450	5.029e+005
3183	2893	2897	3311	3307	Rck45	450	4.903e+005
3184	2907	2895	3309	3321	Rck45	450	4.903e+005
3185	2898	2894	3308	3312	Rck45	450	4.903e+005
3186	2896	2908	3322	3310	Rck45	450	4.903e+005
3187	2897	2899	3313	3311	Rck45	450	4.84e+005
3188	2899	2901	3315	3313	Rck45	450	4.84e+005
3189	2903	2905	3319	3317	Rck45	450	4.84e+005
3190	2905	2907	3321	3319	Rck45	450	4.84e+005
3191	2900	2898	3312	3314	Rck45	450	4.84e+005
3192	2902	2900	3314	3316	Rck45	450	4.84e+005
3193	2906	2904	3318	3320	Rck45	450	4.84e+005
3194	2908	2906	3320	3322	Rck45	450	4.84e+005
3195	2901	3149	3323	3315	Rck45	450	4.792e+005
3196	3151	2903	3317	3325	Rck45	450	4.792e+005
3197	3150	2902	3316	3324	Rck45	450	4.792e+005
3198	2904	3152	3326	3318	Rck45	450	4.792e+005
3199	3149	3153	3327	3323	Rck45	450	4.698e+005
3200	3177	3151	3325	3351	Rck45	450	4.698e+005
3201	3154	3150	3324	3328	Rck45	450	4.698e+005
3202	3152	3178	3352	3326	Rck45	450	4.698e+005
3203	3153	3155	3329	3327	Rck45	450	4.65e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3204	3155	3157	3331	3329	Rck45	450	4.65e+005
3205	3157	3159	3333	3331	Rck45	450	4.65e+005
3206	3159	3161	3335	3333	Rck45	450	4.65e+005
3207	3161	3163	3337	3335	Rck45	450	4.65e+005
3208	3163	3165	3339	3337	Rck45	450	4.65e+005
3209	3165	3167	3341	3339	Rck45	450	4.65e+005
3210	3167	3169	3343	3341	Rck45	450	4.65e+005
3211	3169	3171	3345	3343	Rck45	450	4.65e+005
3212	3171	3173	3347	3345	Rck45	450	4.65e+005
3213	3173	3175	3349	3347	Rck45	450	4.65e+005
3214	3175	3177	3351	3349	Rck45	450	4.65e+005
3215	3156	3154	3328	3330	Rck45	450	4.65e+005
3216	3158	3156	3330	3332	Rck45	450	4.65e+005
3217	3160	3158	3332	3334	Rck45	450	4.65e+005
3218	3162	3160	3334	3336	Rck45	450	4.65e+005
3219	3164	3162	3336	3338	Rck45	450	4.65e+005
3220	3166	3164	3338	3340	Rck45	450	4.65e+005
3221	3168	3166	3340	3342	Rck45	450	4.65e+005
3222	3170	3168	3342	3344	Rck45	450	4.65e+005
3223	3172	3170	3344	3346	Rck45	450	4.65e+005
3224	3174	3172	3346	3348	Rck45	450	4.65e+005
3225	3176	3174	3348	3350	Rck45	450	4.65e+005
3226	3178	3176	3350	3352	Rck45	450	4.65e+005
3227	5951	5984	2864	3145	S355	20	3.941e+005
3228	5843	5844	2862	3131	S355	20	3.954e+005
3229	5707	5708	2860	3115	S355	20	3.954e+005
3230	5569	5570	2858	3099	S355	20	3.954e+005
3231	5435	5436	2856	3083	S355	20	3.954e+005
3232	5302	5303	2854	3067	S355	20	3.954e+005
3233	5170	5171	2850	3051	S355	20	3.954e+005
3234	5049	5050	2848	3035	S355	20	3.954e+005
3235	4929	4899	2845	3020	S355	20	3.775e+005
3236	4807	4777	2843	3005	S355	20	3.198e+005
3237	3422	3423	2830	2909	S355	20	3.84e+005
3238	3546	3547	2831	2917	S355	20	3.84e+005
3239	3670	3671	2832	2925	S355	20	3.84e+005
3240	3794	3795	2833	2933	S355	20	3.84e+005
3241	3918	3919	2834	2941	S355	20	3.84e+005
3242	4042	4043	2835	2949	S355	20	3.84e+005
3243	4166	4167	2838	2957	S355	20	3.84e+005
3244	4290	4291	2839	2965	S355	20	3.84e+005
3245	4414	4415	2840	2973	S355	20	3.84e+005
3246	4538	4539	2841	2981	S355	20	3.84e+005
3247	4659	4660	2842	2989	S355	20	3.84e+005
3248	4777	4779	2844	2843	S355	20	3.84e+005
3249	4900	4901	2846	3018	S355	20	3.84e+005
3250	5020	5021	2847	3033	S355	20	3.84e+005
3251	5141	5142	2849	3049	S355	20	3.84e+005
3252	5273	5274	2853	3065	S355	20	3.84e+005
3253	5406	5407	2855	3081	S355	20	3.84e+005
3254	5540	5541	2857	3097	S355	20	3.84e+005
3255	5677	5678	2859	3113	S355	20	3.84e+005
3256	5814	5815	2861	3129	S355	20	3.84e+005
3257	5956	5957	2863	3146	S355	20	3.84e+005
3258	5949	3143	3145	5951	S355	16	7.695e+005
3259	5914	3139	3143	5949	S355	16	7.695e+005
3260	5878	3135	3139	5914	S355	16	9.595e+005
3261	5843	3131	3135	5878	S355	16	9.595e+005
3262	5809	3127	3131	5843	S355	16	9.595e+005
3263	5776	3123	3127	5809	S355	16	9.595e+005
3264	5742	3119	3123	5776	S355	16	9.595e+005
3265	5707	3115	3119	5742	S355	16	9.595e+005
3266	5672	3111	3115	5707	S355	16	9.595e+005
3267	5638	3107	3111	5672	S355	16	9.595e+005
3268	5605	3103	3107	5638	S355	16	9.595e+005
3269	5569	3099	3103	5605	S355	16	9.595e+005
3270	5535	3095	3099	5569	S355	16	9.595e+005
3271	5502	3091	3095	5535	S355	16	9.595e+005
3272	5469	3087	3091	5502	S355	16	9.595e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3273	5435	3083	3087	5469	S355	16	9.595e+005
3274	5402	3079	3083	5435	S355	16	9.595e+005
3275	5369	3075	3079	5402	S355	16	9.595e+005
3276	5336	3071	3075	5369	S355	16	9.595e+005
3277	5302	3067	3071	5336	S355	16	9.595e+005
3278	5269	3063	3067	5302	S355	16	9.595e+005
3279	5236	3059	3063	5269	S355	16	9.595e+005
3280	5202	3055	3059	5236	S355	16	9.595e+005
3281	5170	3051	3055	5202	S355	16	9.595e+005
3282	5140	3047	3051	5170	S355	16	9.595e+005
3283	5110	3043	3047	5140	S355	16	9.595e+005
3284	5080	3039	3043	5110	S355	16	9.595e+005
3285	5049	3035	3039	5080	S355	16	9.595e+005
3286	5019	3031	3035	5049	S355	16	9.595e+005
3287	4989	3027	3031	5019	S355	16	9.595e+005
3288	4959	3023	3027	4989	S355	16	9.595e+005
3289	4929	3020	3023	4959	S355	16	9.595e+005
3290	4898	3015	3020	4929	S355	16	9.595e+005
3291	4868	3011	3015	4898	S355	16	9.595e+005
3292	4838	3008	3011	4868	S355	16	9.595e+005
3293	4807	3005	3008	4838	S355	16	9.595e+005
3298	3422	2909	2911	3453	S355	16	7.695e+005
3299	3453	2911	2913	3484	S355	16	7.695e+005
3300	3484	2913	2915	3515	S355	16	9.595e+005
3301	3515	2915	2917	3546	S355	16	9.595e+005
3302	3546	2917	2919	3577	S355	16	9.595e+005
3303	3577	2919	2921	3608	S355	16	9.595e+005
3304	3608	2921	2923	3639	S355	16	9.595e+005
3305	3639	2923	2925	3670	S355	16	9.595e+005
3306	3670	2925	2927	3701	S355	16	9.595e+005
3307	3701	2927	2929	3732	S355	16	9.595e+005
3308	3732	2929	2931	3763	S355	16	9.595e+005
3309	3763	2931	2933	3794	S355	16	9.595e+005
3310	3794	2933	2935	3825	S355	16	9.595e+005
3311	3825	2935	2937	3856	S355	16	9.595e+005
3312	3856	2937	2939	3887	S355	16	9.595e+005
3313	3887	2939	2941	3918	S355	16	9.595e+005
3314	3918	2941	2943	3949	S355	16	9.595e+005
3315	3949	2943	2945	3980	S355	16	9.595e+005
3316	3980	2945	2947	4011	S355	16	9.595e+005
3317	4011	2947	2949	4042	S355	16	9.595e+005
3318	4042	2949	2951	4073	S355	16	9.595e+005
3319	4073	2951	2953	4104	S355	16	9.595e+005
3320	4104	2953	2955	4135	S355	16	9.595e+005
3321	4135	2955	2957	4166	S355	16	9.595e+005
3322	4166	2957	2959	4197	S355	16	9.595e+005
3323	4197	2959	2961	4228	S355	16	9.595e+005
3324	4228	2961	2963	4259	S355	16	9.595e+005
3325	4259	2963	2965	4290	S355	16	9.595e+005
3326	4290	2965	2967	4321	S355	16	9.595e+005
3327	4321	2967	2969	4352	S355	16	9.595e+005
3328	4352	2969	2971	4383	S355	16	9.595e+005
3329	4383	2971	2973	4414	S355	16	9.595e+005
3330	4414	2973	2975	4445	S355	16	9.595e+005
3331	4445	2975	2977	4476	S355	16	9.595e+005
3332	4476	2977	2979	4507	S355	16	9.595e+005
3333	4507	2979	2981	4538	S355	16	9.595e+005
3334	4538	2981	2983	4569	S355	16	9.595e+005
3335	4569	2983	2985	4600	S355	16	9.595e+005
3336	4600	2985	2987	4630	S355	16	9.595e+005
3337	4630	2987	2989	4659	S355	16	9.595e+005
3338	4659	2989	2991	4687	S355	16	9.595e+005
3339	4687	2991	2995	4717	S355	16	9.595e+005
3340	4717	2995	2999	4747	S355	16	9.595e+005
3341	4747	2999	2843	4777	S355	16	9.595e+005
3342	4777	2843	3006	4808	S355	16	9.595e+005
3343	4808	3006	3009	4839	S355	16	9.595e+005
3344	4839	3009	3013	4869	S355	16	9.595e+005
3345	4869	3013	3018	4900	S355	16	9.595e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3346	4900	3018	3021	4930	S355	16	9.595e+005
3347	4930	3021	3025	4960	S355	16	9.595e+005
3348	4960	3025	3029	4990	S355	16	9.595e+005
3349	4990	3029	3033	5020	S355	16	9.595e+005
3350	5020	3033	3037	5051	S355	16	9.595e+005
3351	5051	3037	3041	5081	S355	16	9.595e+005
3352	5081	3041	3045	5111	S355	16	9.595e+005
3353	5111	3045	3049	5141	S355	16	9.595e+005
3354	5141	3049	3053	5173	S355	16	9.595e+005
3355	5173	3053	3057	5207	S355	16	9.595e+005
3356	5207	3057	3061	5240	S355	16	9.595e+005
3357	5240	3061	3065	5273	S355	16	9.595e+005
3358	5273	3065	3069	5307	S355	16	9.595e+005
3359	5307	3069	3073	5340	S355	16	9.595e+005
3360	5340	3073	3077	5373	S355	16	9.595e+005
3361	5373	3077	3081	5406	S355	16	9.595e+005
3362	5406	3081	3085	5440	S355	16	9.595e+005
3363	5440	3085	3089	5473	S355	16	9.595e+005
3364	5473	3089	3093	5506	S355	16	9.595e+005
3365	5506	3093	3097	5540	S355	16	9.595e+005
3366	5540	3097	3101	5576	S355	16	9.595e+005
3367	5576	3101	3105	5609	S355	16	9.595e+005
3368	5609	3105	3109	5643	S355	16	9.595e+005
3369	5643	3109	3113	5677	S355	16	9.595e+005
3370	5677	3113	3117	5713	S355	16	9.595e+005
3371	5713	3117	3121	5747	S355	16	9.595e+005
3372	5747	3121	3125	5780	S355	16	9.595e+005
3373	5780	3125	3129	5814	S355	16	9.595e+005
3374	5814	3129	3133	5849	S355	16	9.595e+005
3375	5849	3133	3137	5885	S355	16	9.595e+005
3376	5885	3137	3141	5920	S355	16	7.695e+005
3377	5920	3141	3146	5956	S355	16	7.695e+005
3378	3179	3181	3381	3359	Rck45	450	8.738e+005
3379	3181	3183	3403	3381	Rck45	450	6.125e+005
3380	3183	3185	3434	3403	Rck45	450	6.615e+005
3381	3185	3187	3465	3434	Rck45	450	6.615e+005
3382	3187	3189	3496	3465	Rck45	450	6.125e+005
3383	3189	3191	3527	3496	Rck45	450	8.738e+005
3384	3191	3193	3558	3527	Rck45	450	8.248e+005
3385	3193	3195	3589	3558	Rck45	450	8.248e+005
3386	3195	3197	3620	3589	Rck45	450	8.248e+005
3387	3197	3199	3651	3620	Rck45	450	8.248e+005
3388	3199	3201	3682	3651	Rck45	450	8.248e+005
3389	3201	3203	3713	3682	Rck45	450	8.248e+005
3390	3203	3205	3744	3713	Rck45	450	8.248e+005
3391	3205	3207	3775	3744	Rck45	450	8.248e+005
3392	3207	3209	3806	3775	Rck45	450	8.248e+005
3393	3211	3213	5588	5552	Rck45	450	8.248e+005
3394	3213	3215	5621	5588	Rck45	450	8.248e+005
3395	3215	3217	5655	5621	Rck45	450	8.248e+005
3396	3217	3219	5689	5655	Rck45	450	8.248e+005
3397	3219	3221	5725	5689	Rck45	450	8.248e+005
3398	3221	3223	5759	5725	Rck45	450	8.248e+005
3399	3223	3225	5792	5759	Rck45	450	8.248e+005
3400	3225	3227	5826	5792	Rck45	450	8.248e+005
3401	3227	3229	5861	5826	Rck45	450	8.248e+005
3402	3229	3231	5897	5861	Rck45	450	8.738e+005
3403	3231	3233	5932	5897	Rck45	450	6.125e+005
3404	3233	3235	5968	5932	Rck45	450	6.615e+005
3405	3235	3237	5991	5968	Rck45	450	6.615e+005
3406	3237	3239	6013	5991	Rck45	450	6.125e+005
3407	3239	3241	6035	6013	Rck45	450	8.738e+005
3408	3182	3180	3368	3390	Rck45	450	8.738e+005
3409	3184	3182	3390	3412	Rck45	450	6.125e+005
3410	3186	3184	3412	3443	Rck45	450	6.615e+005
3411	3188	3186	3443	3474	Rck45	450	6.615e+005
3412	3190	3188	3474	3505	Rck45	450	6.125e+005
3413	3192	3190	3505	3536	Rck45	450	8.738e+005
3414	3194	3192	3536	3567	Rck45	450	8.248e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3415	3196	3194	3567	3598	Rck45	450 8.248e+005
3416	3198	3196	3598	3629	Rck45	450 8.248e+005
3417	3200	3198	3629	3660	Rck45	450 8.248e+005
3418	3202	3200	3660	3691	Rck45	450 8.248e+005
3419	3204	3202	3691	3722	Rck45	450 8.248e+005
3420	3206	3204	3722	3753	Rck45	450 8.248e+005
3421	3208	3206	3753	3784	Rck45	450 8.248e+005
3422	3210	3208	3784	3815	Rck45	450 8.248e+005
3423	3214	3212	5561	5597	Rck45	450 8.248e+005
3424	3216	3214	5597	5630	Rck45	450 8.248e+005
3425	3218	3216	5630	5664	Rck45	450 8.248e+005
3426	3220	3218	5664	5698	Rck45	450 8.248e+005
3427	3222	3220	5698	5734	Rck45	450 8.248e+005
3428	3224	3222	5734	5768	Rck45	450 8.248e+005
3429	3226	3224	5768	5801	Rck45	450 8.248e+005
3430	3228	3226	5801	5835	Rck45	450 8.248e+005
3431	3230	3228	5835	5870	Rck45	450 8.248e+005
3432	3232	3230	5870	5906	Rck45	450 8.738e+005
3433	3234	3232	5906	5941	Rck45	450 6.125e+005
3434	3236	3234	5941	5977	Rck45	450 6.615e+005
3435	3238	3236	5977	6000	Rck45	450 6.615e+005
3436	3240	3238	6000	6022	Rck45	450 6.125e+005
3437	3242	3240	6022	6044	Rck45	450 8.738e+005
3438	3209	3243	3837	3806	Rck45	450 7.75e+005
3439	3245	3211	5552	5518	Rck45	450 7.75e+005
3440	3244	3210	3815	3846	Rck45	450 7.75e+005
3441	3212	3246	5527	5561	Rck45	450 7.75e+005
3442	3243	3247	3868	3837	Rck45	450 6.752e+005
3443	3257	3245	5518	5485	Rck45	450 6.752e+005
3444	3248	3244	3846	3877	Rck45	450 6.752e+005
3445	3246	3258	5494	5527	Rck45	450 6.752e+005
3446	3247	3249	3899	3868	Rck45	450 6.254e+005
3447	3249	3251	3930	3899	Rck45	450 6.254e+005
3448	3253	3255	5452	5418	Rck45	450 6.254e+005
3449	3255	3257	5485	5452	Rck45	450 6.254e+005
3450	3250	3248	3877	3908	Rck45	450 6.254e+005
3451	3252	3250	3908	3939	Rck45	450 6.254e+005
3452	3256	3254	5427	5461	Rck45	450 6.254e+005
3453	3258	3256	5461	5494	Rck45	450 6.254e+005
3454	3251	3259	3961	3930	Rck45	450 6.137e+005
3455	3261	3253	5418	5385	Rck45	450 6.137e+005
3456	3260	3252	3939	3970	Rck45	450 6.137e+005
3457	3254	3262	5394	5427	Rck45	450 6.137e+005
3458	3259	3263	3992	3961	Rck45	450 5.903e+005
3459	3273	3261	5385	5352	Rck45	450 5.903e+005
3460	3264	3260	3970	4001	Rck45	450 5.903e+005
3461	3262	3274	5361	5394	Rck45	450 5.903e+005
3462	3263	3265	4023	3992	Rck45	450 5.786e+005
3463	3265	3267	4054	4023	Rck45	450 5.786e+005
3464	3269	3271	5319	5285	Rck45	450 5.786e+005
3465	3271	3273	5352	5319	Rck45	450 5.786e+005
3466	3266	3264	4001	4032	Rck45	450 5.786e+005
3467	3268	3266	4032	4063	Rck45	450 5.786e+005
3468	3272	3270	5294	5328	Rck45	450 5.786e+005
3469	3274	3272	5328	5361	Rck45	450 5.786e+005
3470	3267	3275	4085	4054	Rck45	450 5.685e+005
3471	3277	3269	5285	5252	Rck45	450 5.685e+005
3472	3276	3268	4063	4094	Rck45	450 5.685e+005
3473	3270	3278	5261	5294	Rck45	450 5.685e+005
3474	3275	3279	4116	4085	Rck45	450 5.483e+005
3475	3289	3277	5252	5219	Rck45	450 5.483e+005
3476	3280	3276	4094	4125	Rck45	450 5.483e+005
3477	3278	3290	5228	5261	Rck45	450 5.483e+005
3478	3279	3281	4147	4116	Rck45	450 5.382e+005
3479	3281	3283	4178	4147	Rck45	450 5.382e+005
3480	3285	3287	5185	5153	Rck45	450 5.382e+005
3481	3287	3289	5219	5185	Rck45	450 5.382e+005
3482	3282	3280	4125	4156	Rck45	450 5.382e+005
3483	3284	3282	4156	4187	Rck45	450 5.382e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3484	3288	3286	5162	5194	Rck45	450	5.382e+005
3485	3290	3288	5194	5228	Rck45	450	5.382e+005
3486	3283	3291	4209	4178	Rck45	450	5.31e+005
3487	3293	3285	5153	5123	Rck45	450	5.31e+005
3488	3292	3284	4187	4218	Rck45	450	5.31e+005
3489	3286	3294	5132	5162	Rck45	450	5.31e+005
3490	3291	3295	4240	4209	Rck45	450	5.165e+005
3491	3305	3293	5123	5093	Rck45	450	5.165e+005
3492	3296	3292	4218	4249	Rck45	450	5.165e+005
3493	3294	3306	5102	5132	Rck45	450	5.165e+005
3494	3295	3297	4271	4240	Rck45	450	5.092e+005
3495	3297	3299	4302	4271	Rck45	450	5.092e+005
3496	3301	3303	5063	5032	Rck45	450	5.092e+005
3497	3303	3305	5093	5063	Rck45	450	5.092e+005
3498	3298	3296	4249	4280	Rck45	450	5.092e+005
3499	3300	3298	4280	4311	Rck45	450	5.092e+005
3500	3304	3302	5041	5072	Rck45	450	5.092e+005
3501	3306	3304	5072	5102	Rck45	450	5.092e+005
3502	3299	3307	4333	4302	Rck45	450	5.029e+005
3503	3309	3301	5032	5002	Rck45	450	5.029e+005
3504	3308	3300	4311	4342	Rck45	450	5.029e+005
3505	3302	3310	5011	5041	Rck45	450	5.029e+005
3506	3307	3311	4364	4333	Rck45	450	4.903e+005
3507	3321	3309	5002	4972	Rck45	450	4.903e+005
3508	3312	3308	4342	4373	Rck45	450	4.903e+005
3509	3310	3322	4981	5011	Rck45	450	4.903e+005
3510	3311	3313	4395	4364	Rck45	450	4.84e+005
3511	3313	3315	4426	4395	Rck45	450	4.84e+005
3512	3317	3319	4942	4912	Rck45	450	4.84e+005
3513	3319	3321	4972	4942	Rck45	450	4.84e+005
3514	3314	3312	4373	4404	Rck45	450	4.84e+005
3515	3316	3314	4404	4435	Rck45	450	4.84e+005
3516	3320	3318	4921	4951	Rck45	450	4.84e+005
3517	3322	3320	4951	4981	Rck45	450	4.84e+005
3518	3315	3323	4457	4426	Rck45	450	4.792e+005
3519	3325	3317	4912	4881	Rck45	450	4.792e+005
3520	3324	3316	4435	4466	Rck45	450	4.792e+005
3521	3318	3326	4890	4921	Rck45	450	4.792e+005
3522	3323	3327	4488	4457	Rck45	450	4.698e+005
3523	3351	3325	4881	4851	Rck45	450	4.698e+005
3524	3328	3324	4466	4497	Rck45	450	4.698e+005
3525	3326	3352	4860	4890	Rck45	450	4.698e+005
3526	3327	3329	4519	4488	Rck45	450	4.65e+005
3527	3329	3331	4550	4519	Rck45	450	4.65e+005
3528	3331	3333	4581	4550	Rck45	450	4.65e+005
3529	3333	3335	4612	4581	Rck45	450	4.65e+005
3530	3335	3337	4642	4612	Rck45	450	4.65e+005
3531	3337	3339	4671	4642	Rck45	450	4.65e+005
3532	3339	3341	4699	4671	Rck45	450	4.65e+005
3533	3341	3343	4729	4699	Rck45	450	4.65e+005
3534	3343	3345	4759	4729	Rck45	450	4.65e+005
3535	3345	3347	4790	4759	Rck45	450	4.65e+005
3536	3347	3349	4821	4790	Rck45	450	4.65e+005
3537	3349	3351	4851	4821	Rck45	450	4.65e+005
3538	3330	3328	4497	4528	Rck45	450	4.65e+005
3539	3332	3330	4528	4559	Rck45	450	4.65e+005
3540	3334	3332	4559	4590	Rck45	450	4.65e+005
3541	3336	3334	4590	4621	Rck45	450	4.65e+005
3542	3338	3336	4621	4651	Rck45	450	4.65e+005
3543	3340	3338	4651	4680	Rck45	450	4.65e+005
3544	3342	3340	4680	4708	Rck45	450	4.65e+005
3545	3344	3342	4708	4738	Rck45	450	4.65e+005
3546	3346	3344	4738	4768	Rck45	450	4.65e+005
3547	3348	3346	4768	4799	Rck45	450	4.65e+005
3548	3350	3348	4799	4830	Rck45	450	4.65e+005
3549	3352	3350	4830	4860	Rck45	450	4.65e+005
3550	5951	5949	5948	5950	S355	80	1.514e+006
3551	5949	5914	5913	5948	S355	80	1.514e+006
3552	5914	5878	5877	5913	S355	20.28	1.888e+006

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3553	5878	5843	5842	5877	S355	20.28	1.888e+006
3554	5843	5809	5808	5842	S355	20.28	1.888e+006
3555	5809	5776	5775	5808	S355	20.28	1.888e+006
3556	5776	5742	5741	5775	S355	20.28	1.888e+006
3557	5742	5707	5706	5741	S355	20.28	1.888e+006
3558	5707	5672	5671	5706	S355	20.28	1.888e+006
3559	5672	5638	5637	5671	S355	20.28	1.888e+006
3560	5638	5605	5604	5637	S355	20.28	1.888e+006
3561	5605	5569	5568	5604	S355	20.28	1.888e+006
3562	5569	5535	5534	5568	S355	20.28	1.888e+006
3563	5878	5844	5843	0	S355	20.28	3.284e+005
3564	5844	5809	5843	0	S355	20.28	3.284e+005
3565	5535	5502	5501	5534	S355	20.28	1.888e+006
3567	5952	5916	6051	5984	S355	80	7.629e+005
3568	5502	5469	5468	5501	S355	20.28	1.888e+006
3569	5881	5879	5878	5914	S355	20.28	1.326e+006
3570	5469	5435	5434	5468	S355	20.28	1.888e+006
3571	5435	5402	5401	5434	S355	20.28	1.888e+006
3572	5402	5369	5368	5401	S355	20.28	1.888e+006
3573	5369	5336	5335	5368	S355	20.28	1.888e+006
3574	5709	5708	5707	5742	S355	20.28	8.615e+005
3575	5810	5743	5776	5809	S355	20.28	1.63e+006
3576	5879	5845	5844	5878	S355	20.28	1.504e+006
3577	5743	5709	5742	5776	S355	20.28	1.506e+006
3578	5708	5673	5672	5707	S355	20.28	8.497e+005
3579	5336	5302	5301	5335	S355	20.28	1.888e+006
3580	5845	5810	5809	5844	S355	20.28	1.408e+006
3581	5302	5269	5268	5301	S355	20.28	1.888e+006
3582	5269	5236	5235	5268	S355	20.28	1.888e+006
3583	5673	5639	5638	5672	S355	20.28	1.342e+006
3584	5572	5570	5569	5605	S355	20.28	8.358e+005
3585	5236	5202	5201	5235	S355	20.28	1.888e+006
3586	5639	5572	5605	5638	S355	20.28	1.296e+006
3587	5880	5879	5881	0	S355	20.28	3.959e+005
3588	5915	5880	5881	5916	S355	80	7.588e+005
3589	5952	5915	5916	0	S355	80	4.807e+005
3590	5570	5536	5535	5569	S355	20.28	7.473e+005
3591	5202	5170	5169	5201	S355	20.28	1.888e+006
3592	5170	5140	5139	5169	S355	20.28	1.888e+006
3593	5469	5436	5435	0	S355	20.28	3.284e+005
3595	5436	5402	5435	0	S355	20.28	3.284e+005
3596	5140	5110	5109	5139	S355	36.28	1.888e+006
3597	5110	5080	5079	5109	S355	36.28	1.888e+006
3598	5572	5571	5570	0	S355	20.28	2.791e+005
3599	5080	5049	5048	5079	S355	36.28	1.888e+006
3600	5571	5536	5570	0	S355	20.28	2.109e+005
3601	5049	5019	5018	5048	S355	36.28	1.888e+006
3602	5536	5503	5535	0	S355	20.28	4.975e+005
3603	5503	5470	5502	5535	S355	20.28	2.093e+006
3604	5303	5269	5302	0	S355	20.28	3.284e+005
3605	5019	4989	4988	5018	S355	36.28	1.888e+006
3606	5470	5437	5469	5502	S355	20.28	1.965e+006
3607	4989	4959	4958	4988	S355	36.28	1.928e+006
3608	5304	5303	5302	5336	S355	20.28	9.776e+005
3609	5846	5811	5845	5879	S355	20.28	1.662e+006
3610	5882	5846	5879	5880	S355	20.28	1.48e+006
3611	5744	5710	5709	5743	S355	20.28	1.711e+006
3612	5777	5744	5743	5810	S355	20.28	1.699e+006
3613	5370	5337	5369	5402	S355	20.28	1.582e+006
3614	5953	5917	5915	5952	S355	80	1.391e+006
3615	5811	5777	5810	5845	S355	20.28	1.553e+006
3616	5437	5403	5436	5469	S355	20.28	1.463e+006
3617	4959	4929	4928	4958	S355	36.28	1.835e+006
3618	5337	5304	5336	5369	S355	20.28	1.454e+006
3619	5640	5606	5639	5673	S355	20.28	1.561e+006
3620	5403	5370	5402	5436	S355	20.28	1.427e+006
3621	5917	5882	5880	5915	S355	80	1.025e+006
3622	5710	5674	5705	5709	S355	20.28	1.192e+006
3623	5606	5573	5572	5639	S355	20.28	1.444e+006

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3624	5674	5640	5673	5705	S355	20.28	1.108e+006
3625	4929	4898	4897	4928	S355	36.28	1.888e+006
3626	5573	5537	5571	5572	S355	20.28	9.991e+005
3627	5237	5204	5236	5269	S355	20.28	1.07e+006
3628	5537	5503	5536	5571	S355	20.28	8.722e+005
3629	5171	5140	5170	0	S355	20.28	3.284e+005
3630	4898	4868	4867	4897	S355	36.28	1.888e+006
3631	5270	5237	5269	5303	S355	20.28	9.112e+005
3632	5172	5171	5170	5202	S355	20.28	6.778e+005
3633	5204	5203	5202	5236	S355	20.28	9.078e+005
3634	4868	4838	4837	4867	S355	36.28	1.888e+006
3635	4838	4807	4806	4837	S355	36.28	1.888e+006
3636	5304	5270	5303	0	S355	20.28	3.067e+005
3637	4807	4776	4775	4806	S355	36.28	1.888e+006
3638	5080	5050	5049	0	S355	36.28	3.284e+005
3639	5050	5019	5049	0	S355	36.28	3.284e+005
3640	4776	4746	4745	4775	S355	36.28	1.53e+006
3642	4628	4598	4597	4629	S355	36.28	5.691e+005
3644	3451	3420	3419	3450	S355	36.28	3.749e+005
3645	3482	3451	3450	3481	S355	36.28	3.749e+005
3646	3513	3482	3481	3512	S355	36.28	4.674e+005
3647	3544	3513	3512	3543	S355	36.28	4.674e+005
3648	3575	3544	3543	3574	S355	36.28	4.674e+005
3649	3606	3575	3574	3605	S355	36.28	4.674e+005
3650	3637	3606	3605	3636	S355	36.28	4.674e+005
3651	3668	3637	3636	3667	S355	36.28	4.674e+005
3652	3699	3668	3667	3698	S355	36.28	4.674e+005
3653	3730	3699	3698	3729	S355	36.28	4.674e+005
3654	3761	3730	3729	3760	S355	36.28	4.674e+005
3655	3792	3761	3760	3791	S355	36.28	4.674e+005
3656	3823	3792	3791	3822	S355	36.28	4.674e+005
3657	3854	3823	3822	3853	S355	36.28	4.674e+005
3658	3885	3854	3853	3884	S355	36.28	4.674e+005
3659	3916	3885	3884	3915	S355	36.28	4.674e+005
3660	3947	3916	3915	3946	S355	36.28	4.674e+005
3661	3978	3947	3946	3977	S355	36.28	4.674e+005
3662	4009	3978	3977	4008	S355	36.28	4.674e+005
3663	4040	4009	4008	4039	S355	36.28	4.674e+005
3664	4071	4040	4039	4070	S355	36.28	4.674e+005
3665	4102	4071	4070	4101	S355	36.28	4.674e+005
3666	4133	4102	4101	4132	S355	36.28	4.674e+005
3667	4164	4133	4132	4163	S355	36.28	4.674e+005
3668	4195	4164	4163	4194	S355	36.28	4.674e+005
3669	4226	4195	4194	4225	S355	36.28	4.674e+005
3670	4257	4226	4225	4256	S355	36.28	4.674e+005
3671	4288	4257	4256	4287	S355	36.28	4.674e+005
3672	4319	4288	4287	4318	S355	36.28	4.674e+005
3673	4350	4319	4318	4349	S355	36.28	4.674e+005
3674	4381	4350	4349	4380	S355	36.28	4.674e+005
3675	4412	4381	4380	4411	S355	36.28	4.674e+005
3676	4443	4412	4411	4442	S355	36.28	4.674e+005
3677	4474	4443	4442	4473	S355	36.28	4.674e+005
3678	4505	4474	4473	4504	S355	36.28	4.674e+005
3679	4536	4505	4504	4535	S355	36.28	4.674e+005
3680	4567	4536	4535	4566	S355	36.28	4.674e+005
3681	4598	4567	4566	4597	S355	36.28	4.674e+005
3682	5238	5205	5204	5237	S355	20.28	6.192e+005
3683	5271	5238	5237	5270	S355	20.28	6.192e+005
3684	5305	5271	5270	5304	S355	20.28	6.192e+005
3685	5338	5305	5304	5337	S355	20.28	6.192e+005
3686	5371	5338	5337	5370	S355	20.28	6.192e+005
3687	5404	5371	5370	5403	S355	20.28	6.192e+005
3688	5438	5404	5403	5437	S355	20.28	6.192e+005
3689	5471	5438	5437	5470	S355	20.28	6.192e+005
3690	5504	5471	5470	5503	S355	20.28	6.192e+005
3691	5538	5504	5503	5537	S355	20.28	6.192e+005
3692	5574	5538	5537	5573	S355	20.28	6.192e+005
3693	5607	5574	5573	5606	S355	20.28	6.192e+005
3694	5641	5607	5606	5640	S355	20.28	6.192e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3695	5675	5641	5640	5674	S355	20.28	6.192e+005
3696	5711	5675	5674	5710	S355	20.28	6.192e+005
3697	5745	5711	5710	5744	S355	20.28	6.192e+005
3698	5778	5745	5744	5777	S355	20.28	6.192e+005
3699	5812	5778	5777	5811	S355	20.28	6.192e+005
3700	5847	5812	5811	5846	S355	20.28	6.192e+005
3701	5883	5847	5846	5882	S355	20.28	6.192e+005
3702	5918	5883	5882	5917	S355	80	4.966e+005
3703	5954	5918	5917	5953	S355	80	4.966e+005
3704	5205	5203	5204	0	S355	20.28	1.827e+005
3705	4687	4659	4658	4715	S355	36.28	2.069e+006
3706	5111	5081	5110	5140	S355	36.28	1.833e+006
3707	4659	4630	4629	4658	S355	36.28	1.736e+006
3708	5081	5051	5080	5110	S355	36.28	1.705e+006
3709	5141	5111	5140	5171	S355	20.28	1.691e+006
3710	4899	4898	4929	0	S355	36.28	2.954e+005
3711	4630	4628	4629	0	S355	36.28	2.434e+005
3712	5206	5203	5205	0	S355	20.28	9.312e+004
3713	4990	4960	4989	5019	S355	36.28	1.322e+006
3714	4930	4899	4929	4959	S355	36.28	8.843e+005
3715	5173	5141	5171	5172	S355	20.28	1.036e+006
3716	5051	5020	5050	5080	S355	36.28	1.195e+006
3717	4628	4599	4598	0	S355	36.28	1.616e+005
3718	4960	4930	4959	4989	S355	36.28	1.194e+006
3719	3452	3421	3420	3451	S355	36.28	3.749e+005
3720	3483	3452	3451	3482	S355	36.28	3.749e+005
3721	3514	3483	3482	3513	S355	36.28	4.674e+005
3722	3545	3514	3513	3544	S355	36.28	4.674e+005
3723	3576	3545	3544	3575	S355	36.28	4.674e+005
3724	3607	3576	3575	3606	S355	36.28	4.674e+005
3725	3638	3607	3606	3637	S355	36.28	4.674e+005
3726	3669	3638	3637	3668	S355	36.28	4.674e+005
3727	3700	3669	3668	3699	S355	36.28	4.674e+005
3728	3731	3700	3699	3730	S355	36.28	4.674e+005
3729	3762	3731	3730	3761	S355	36.28	4.674e+005
3730	3793	3762	3761	3792	S355	36.28	4.674e+005
3731	3824	3793	3792	3823	S355	36.28	4.674e+005
3732	3855	3824	3823	3854	S355	36.28	4.674e+005
3733	3886	3855	3854	3885	S355	36.28	4.674e+005
3734	3917	3886	3885	3916	S355	36.28	4.674e+005
3735	3948	3917	3916	3947	S355	36.28	4.674e+005
3736	3979	3948	3947	3978	S355	36.28	4.674e+005
3737	4010	3979	3978	4009	S355	36.28	4.674e+005
3738	4041	4010	4009	4040	S355	36.28	4.674e+005
3739	4072	4041	4040	4071	S355	36.28	4.674e+005
3740	4103	4072	4071	4102	S355	36.28	4.674e+005
3741	4134	4103	4102	4133	S355	36.28	4.674e+005
3742	4165	4134	4133	4164	S355	36.28	4.674e+005
3743	4196	4165	4164	4195	S355	36.28	4.674e+005
3744	4227	4196	4195	4226	S355	36.28	4.674e+005
3745	4258	4227	4226	4257	S355	36.28	4.674e+005
3746	4289	4258	4257	4288	S355	36.28	4.674e+005
3747	4320	4289	4288	4319	S355	36.28	4.674e+005
3748	4351	4320	4319	4350	S355	36.28	4.674e+005
3749	4382	4351	4350	4381	S355	36.28	4.674e+005
3750	4413	4382	4381	4412	S355	36.28	4.674e+005
3751	4444	4413	4412	4443	S355	36.28	4.674e+005
3752	4475	4444	4443	4474	S355	36.28	4.674e+005
3753	4506	4475	4474	4505	S355	36.28	4.674e+005
3754	4537	4506	4505	4536	S355	36.28	4.674e+005
3755	4568	4537	4536	4567	S355	36.28	4.674e+005
3756	4599	4568	4567	4598	S355	36.28	4.674e+005
3757	5239	5206	5205	5238	S355	20.28	3.156e+005
3758	5272	5239	5238	5271	S355	20.28	3.156e+005
3759	5306	5272	5271	5305	S355	20.28	3.156e+005
3760	5339	5306	5305	5338	S355	20.28	3.156e+005
3761	5372	5339	5338	5371	S355	20.28	3.156e+005
3762	5405	5372	5371	5404	S355	20.28	3.156e+005
3763	5439	5405	5404	5438	S355	20.28	3.156e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3764	5472	5439	5438	5471	S355	20.28	3.156e+005
3765	5505	5472	5471	5504	S355	20.28	3.156e+005
3766	5539	5505	5504	5538	S355	20.28	3.156e+005
3767	5575	5539	5538	5574	S355	20.28	3.156e+005
3768	5608	5575	5574	5607	S355	20.28	3.156e+005
3769	5642	5608	5607	5641	S355	20.28	3.156e+005
3770	5676	5642	5641	5675	S355	20.28	3.156e+005
3771	5712	5676	5675	5711	S355	20.28	3.156e+005
3772	5746	5712	5711	5745	S355	20.28	3.156e+005
3773	5779	5746	5745	5778	S355	20.28	3.156e+005
3774	5813	5779	5778	5812	S355	20.28	3.156e+005
3775	5848	5813	5812	5847	S355	20.28	3.156e+005
3776	5884	5848	5847	5883	S355	20.28	3.156e+005
3777	5919	5884	5883	5918	S355	80	2.531e+005
3778	5955	5919	5918	5954	S355	80	2.531e+005
3779	5020	4990	5019	5050	S355	36.28	1.175e+006
3780	4869	4839	4868	4898	S355	36.28	8.102e+005
3781	4839	4808	4838	4868	S355	36.28	6.824e+005
3782	5207	5173	5203	5206	S355	20.28	5.804e+005
3783	4900	4869	4898	4899	S355	36.28	6.22e+005
3784	4808	4777	4807	4838	S355	36.28	5.545e+005
3785	4630	4600	4599	4628	S355	36.28	4.53e+005
3786	4777	4747	4776	4807	S355	36.28	4.267e+005
3787	3453	3422	3421	3452	S355	36.28	2.736e+005
3788	3484	3453	3452	3483	S355	36.28	2.736e+005
3789	3515	3484	3483	3514	S355	36.28	3.412e+005
3790	3546	3515	3514	3545	S355	36.28	3.412e+005
3791	3577	3546	3545	3576	S355	36.28	3.412e+005
3792	3608	3577	3576	3607	S355	36.28	3.412e+005
3793	3639	3608	3607	3638	S355	36.28	3.412e+005
3794	3670	3639	3638	3669	S355	36.28	3.412e+005
3795	3701	3670	3669	3700	S355	36.28	3.412e+005
3796	3732	3701	3700	3731	S355	36.28	3.412e+005
3797	3763	3732	3731	3762	S355	36.28	3.412e+005
3798	3794	3763	3762	3793	S355	36.28	3.412e+005
3799	3825	3794	3793	3824	S355	36.28	3.412e+005
3800	3856	3825	3824	3855	S355	36.28	3.412e+005
3801	3887	3856	3855	3886	S355	36.28	3.412e+005
3802	3918	3887	3886	3917	S355	36.28	3.412e+005
3803	3949	3918	3917	3948	S355	36.28	3.412e+005
3804	3980	3949	3948	3979	S355	36.28	3.412e+005
3805	4011	3980	3979	4010	S355	36.28	3.412e+005
3806	4042	4011	4010	4041	S355	36.28	3.412e+005
3807	4073	4042	4041	4072	S355	36.28	3.412e+005
3808	4104	4073	4072	4103	S355	36.28	3.412e+005
3809	4135	4104	4103	4134	S355	36.28	3.412e+005
3810	4166	4135	4134	4165	S355	36.28	3.412e+005
3811	4197	4166	4165	4196	S355	36.28	3.412e+005
3812	4228	4197	4196	4227	S355	36.28	3.412e+005
3813	4259	4228	4227	4258	S355	36.28	3.412e+005
3814	4290	4259	4258	4289	S355	36.28	3.412e+005
3815	4321	4290	4289	4320	S355	36.28	3.412e+005
3816	4352	4321	4320	4351	S355	36.28	3.412e+005
3817	4383	4352	4351	4382	S355	36.28	3.412e+005
3818	4414	4383	4382	4413	S355	36.28	3.412e+005
3819	4445	4414	4413	4444	S355	36.28	3.412e+005
3820	4476	4445	4444	4475	S355	36.28	3.412e+005
3821	4507	4476	4475	4506	S355	36.28	3.412e+005
3822	4538	4507	4506	4537	S355	36.28	3.412e+005
3823	4569	4538	4537	4568	S355	36.28	3.412e+005
3824	4600	4569	4568	4599	S355	36.28	3.412e+005
3825	5240	5207	5206	5239	S355	20.28	3.412e+005
3826	5273	5240	5239	5272	S355	20.28	3.412e+005
3827	5307	5273	5272	5306	S355	20.28	3.412e+005
3828	5340	5307	5306	5339	S355	20.28	3.412e+005
3829	5373	5340	5339	5372	S355	20.28	3.412e+005
3830	5406	5373	5372	5405	S355	20.28	3.412e+005
3831	5440	5406	5405	5439	S355	20.28	3.412e+005
3832	5473	5440	5439	5472	S355	20.28	3.412e+005

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	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3833	5506	5473	5472	5505	S355	20.28	3.412e+005
3834	5540	5506	5505	5539	S355	20.28	3.412e+005
3835	5576	5540	5539	5575	S355	20.28	3.412e+005
3836	5609	5576	5575	5608	S355	20.28	3.412e+005
3837	5643	5609	5608	5642	S355	20.28	3.412e+005
3838	5677	5643	5642	5676	S355	20.28	3.412e+005
3839	5713	5677	5676	5712	S355	20.28	3.412e+005
3840	5747	5713	5712	5746	S355	20.28	3.412e+005
3841	5780	5747	5746	5779	S355	20.28	3.412e+005
3842	5814	5780	5779	5813	S355	20.28	3.412e+005
3843	5849	5814	5813	5848	S355	20.28	3.412e+005
3844	5885	5849	5848	5884	S355	20.28	3.412e+005
3845	5920	5885	5884	5919	S355	80	2.736e+005
3846	5956	5920	5919	5955	S355	80	2.736e+005
3847	4747	4717	4746	4776	S355	36.28	7.714e+005
3848	4930	4900	4899	0	S355	36.28	2.022e+005
3851	3454	3423	3422	3453	S355	36.28	4.964e+005
3852	3485	3454	3453	3484	S355	36.28	4.964e+005
3853	3516	3485	3484	3515	S355	36.28	6.189e+005
3854	3547	3516	3515	3546	S355	36.28	6.189e+005
3855	3578	3547	3546	3577	S355	36.28	6.189e+005
3856	3609	3578	3577	3608	S355	36.28	6.189e+005
3857	3640	3609	3608	3639	S355	36.28	6.189e+005
3858	3671	3640	3639	3670	S355	36.28	6.189e+005
3859	3702	3671	3670	3701	S355	36.28	6.189e+005
3860	3733	3702	3701	3732	S355	36.28	6.189e+005
3861	3764	3733	3732	3763	S355	36.28	6.189e+005
3862	3795	3764	3763	3794	S355	36.28	6.189e+005
3863	3826	3795	3794	3825	S355	36.28	6.189e+005
3864	3857	3826	3825	3856	S355	36.28	6.189e+005
3865	3888	3857	3856	3887	S355	36.28	6.189e+005
3866	3919	3888	3887	3918	S355	36.28	6.189e+005
3867	3950	3919	3918	3949	S355	36.28	6.189e+005
3868	3981	3950	3949	3980	S355	36.28	6.189e+005
3869	4012	3981	3980	4011	S355	36.28	6.189e+005
3870	4043	4012	4011	4042	S355	36.28	6.189e+005
3871	4074	4043	4042	4073	S355	36.28	6.189e+005
3872	4105	4074	4073	4104	S355	36.28	6.189e+005
3873	4136	4105	4104	4135	S355	36.28	6.189e+005
3874	4167	4136	4135	4166	S355	36.28	6.189e+005
3875	4198	4167	4166	4197	S355	36.28	6.189e+005
3876	4229	4198	4197	4228	S355	36.28	6.189e+005
3877	4260	4229	4228	4259	S355	36.28	6.189e+005
3878	4291	4260	4259	4290	S355	36.28	6.189e+005
3879	4322	4291	4290	4321	S355	36.28	6.189e+005
3880	4353	4322	4321	4352	S355	36.28	6.189e+005
3881	4384	4353	4352	4383	S355	36.28	6.189e+005
3882	4415	4384	4383	4414	S355	36.28	6.189e+005
3883	4446	4415	4414	4445	S355	36.28	6.189e+005
3884	4477	4446	4445	4476	S355	36.28	6.189e+005
3885	4508	4477	4476	4507	S355	36.28	6.189e+005
3886	4539	4508	4507	4538	S355	36.28	6.189e+005
3887	4570	4539	4538	4569	S355	36.28	6.189e+005
3888	4601	4570	4569	4600	S355	36.28	6.189e+005
3889	4631	4601	4600	4630	S355	36.28	6.189e+005
3890	4660	4631	4630	4659	S355	36.28	6.189e+005
3891	4688	4660	4659	4687	S355	36.28	6.189e+005
3892	4718	4688	4687	4717	S355	36.28	6.189e+005
3893	4748	4718	4717	4747	S355	36.28	6.189e+005
3894	4779	4748	4747	4777	S355	36.28	6.189e+005
3895	4810	4779	4777	4808	S355	36.28	6.189e+005
3896	4840	4810	4808	4839	S355	36.28	6.189e+005
3897	4870	4840	4839	4869	S355	36.28	6.189e+005
3898	4901	4870	4869	4900	S355	36.28	6.189e+005
3899	4931	4901	4900	4930	S355	36.28	6.189e+005
3900	4961	4931	4930	4960	S355	36.28	6.189e+005
3901	4991	4961	4960	4990	S355	36.28	6.189e+005
3902	5021	4991	4990	5020	S355	36.28	6.189e+005
3903	5052	5021	5020	5051	S355	36.28	6.189e+005

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	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

3904	5082	5052	5051	5081	S355	36.28	6.189e+005
3905	5112	5082	5081	5111	S355	36.28	6.189e+005
3906	5142	5112	5111	5141	S355	20.28	6.189e+005
3907	5174	5142	5141	5173	S355	20.28	6.189e+005
3908	5208	5174	5173	5207	S355	20.28	6.189e+005
3909	5241	5208	5207	5240	S355	20.28	6.189e+005
3910	5274	5241	5240	5273	S355	20.28	6.189e+005
3911	5308	5274	5273	5307	S355	20.28	6.189e+005
3912	5341	5308	5307	5340	S355	20.28	6.189e+005
3913	5374	5341	5340	5373	S355	20.28	6.189e+005
3914	5407	5374	5373	5406	S355	20.28	6.189e+005
3915	5441	5407	5406	5440	S355	20.28	6.189e+005
3916	5474	5441	5440	5473	S355	20.28	6.189e+005
3917	5507	5474	5473	5506	S355	20.28	6.189e+005
3918	5541	5507	5506	5540	S355	20.28	6.189e+005
3919	5577	5541	5540	5576	S355	20.28	6.189e+005
3920	5610	5577	5576	5609	S355	20.28	6.189e+005
3921	5644	5610	5609	5643	S355	20.28	6.189e+005
3922	5678	5644	5643	5677	S355	20.28	6.189e+005
3923	5714	5678	5677	5713	S355	20.28	6.189e+005
3924	5748	5714	5713	5747	S355	20.28	6.189e+005
3925	5781	5748	5747	5780	S355	20.28	6.189e+005
3926	5815	5781	5780	5814	S355	20.28	6.189e+005
3927	5850	5815	5814	5849	S355	20.28	6.189e+005
3928	5886	5850	5849	5885	S355	20.28	6.189e+005
3929	5921	5886	5885	5920	S355	80	4.964e+005
3930	5957	5921	5920	5956	S355	80	4.964e+005
3931	3455	3424	3423	3454	S355	20.28	5.065e+005
3932	3486	3455	3454	3485	S355	20.28	5.065e+005
3933	3517	3486	3485	3516	S355	20.28	6.316e+005
3934	3548	3517	3516	3547	S355	20.28	6.316e+005
3935	3579	3548	3547	3578	S355	20.28	6.316e+005
3936	3610	3579	3578	3609	S355	20.28	6.316e+005
3937	3641	3610	3609	3640	S355	20.28	6.316e+005
3938	3672	3641	3640	3671	S355	20.28	6.316e+005
3939	3703	3672	3671	3702	S355	20.28	6.316e+005
3940	3734	3703	3702	3733	S355	20.28	6.316e+005
3941	3765	3734	3733	3764	S355	20.28	6.316e+005
3942	3796	3765	3764	3795	S355	20.28	6.316e+005
3943	3827	3796	3795	3826	S355	20.28	6.316e+005
3944	3858	3827	3826	3857	S355	20.28	6.316e+005
3945	3889	3858	3857	3888	S355	20.28	6.316e+005
3946	3920	3889	3888	3919	S355	20.28	6.316e+005
3947	3951	3920	3919	3950	S355	20.28	6.316e+005
3948	3982	3951	3950	3981	S355	20.28	6.316e+005
3949	4013	3982	3981	4012	S355	20.28	6.316e+005
3950	4044	4013	4012	4043	S355	20.28	6.316e+005
3951	4075	4044	4043	4074	S355	20.28	6.316e+005
3952	4106	4075	4074	4105	S355	20.28	6.316e+005
3953	4137	4106	4105	4136	S355	20.28	6.316e+005
3954	4168	4137	4136	4167	S355	20.28	6.316e+005
3955	4199	4168	4167	4198	S355	20.28	6.316e+005
3956	4230	4199	4198	4229	S355	20.28	6.316e+005
3957	4261	4230	4229	4260	S355	20.28	6.316e+005
3958	4292	4261	4260	4291	S355	20.28	6.316e+005
3959	4323	4292	4291	4322	S355	20.28	6.316e+005
3960	4354	4323	4322	4353	S355	20.28	6.316e+005
3961	4385	4354	4353	4384	S355	20.28	6.316e+005
3962	4416	4385	4384	4415	S355	20.28	6.316e+005
3963	4447	4416	4415	4446	S355	20.28	6.316e+005
3964	4478	4447	4446	4477	S355	20.28	6.316e+005
3965	4509	4478	4477	4508	S355	20.28	6.316e+005
3966	4540	4509	4508	4539	S355	20.28	6.316e+005
3967	4571	4540	4539	4570	S355	20.28	6.316e+005
3968	4602	4571	4570	4601	S355	20.28	6.316e+005
3969	4632	4602	4601	4631	S355	20.28	6.316e+005
3970	4661	4632	4631	4660	S355	20.28	6.316e+005
3971	4689	4661	4660	4688	S355	20.28	6.316e+005
3972	4719	4689	4688	4718	S355	20.28	6.316e+005

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	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

3973	4749	4719	4718	4748	S355	20.28	6.316e+005
3974	4780	4749	4748	4779	S355	20.28	6.316e+005
3975	4811	4780	4779	4810	S355	20.28	6.316e+005
3976	4841	4811	4810	4840	S355	20.28	6.316e+005
3977	4871	4841	4840	4870	S355	20.28	6.316e+005
3978	4902	4871	4870	4901	S355	20.28	6.316e+005
3979	4932	4902	4901	4931	S355	20.28	6.316e+005
3980	4962	4932	4931	4961	S355	20.28	6.316e+005
3981	4992	4962	4961	4991	S355	20.28	6.316e+005
3982	5022	4992	4991	5021	S355	20.28	6.316e+005
3983	5053	5022	5021	5052	S355	20.28	6.316e+005
3984	5083	5053	5052	5082	S355	20.28	6.316e+005
3985	5113	5083	5082	5112	S355	20.28	6.316e+005
3986	5143	5113	5112	5142	S355	20.28	6.316e+005
3987	5175	5143	5142	5174	S355	20.28	6.316e+005
3988	5209	5175	5174	5208	S355	20.28	6.316e+005
3989	5242	5209	5208	5241	S355	20.28	6.316e+005
3990	5275	5242	5241	5274	S355	20.28	6.316e+005
3991	5309	5275	5274	5308	S355	20.28	6.316e+005
3992	5342	5309	5308	5341	S355	20.28	6.316e+005
3993	5375	5342	5341	5374	S355	20.28	6.316e+005
3994	5408	5375	5374	5407	S355	20.28	6.316e+005
3995	5442	5408	5407	5441	S355	20.28	6.316e+005
3996	5475	5442	5441	5474	S355	20.28	6.316e+005
3997	5508	5475	5474	5507	S355	20.28	6.316e+005
3998	5542	5508	5507	5541	S355	20.28	6.316e+005
3999	5578	5542	5541	5577	S355	20.28	6.316e+005
4000	5611	5578	5577	5610	S355	20.28	6.316e+005
4001	5645	5611	5610	5644	S355	20.28	6.316e+005
4002	5679	5645	5644	5678	S355	20.28	6.316e+005
4003	5715	5679	5678	5714	S355	20.28	6.316e+005
4004	5749	5715	5714	5748	S355	20.28	6.316e+005
4005	5782	5749	5748	5781	S355	20.28	6.316e+005
4006	5816	5782	5781	5815	S355	20.28	6.316e+005
4007	5851	5816	5815	5850	S355	20.28	6.316e+005
4008	5887	5851	5850	5886	S355	20.28	6.316e+005
4009	5922	5887	5886	5921	S355	80	5.065e+005
4010	5958	5922	5921	5957	S355	80	5.065e+005
4011	3456	3425	3424	3455	S355	20.28	5.065e+005
4012	3487	3456	3455	3486	S355	20.28	5.065e+005
4013	3518	3487	3486	3517	S355	20.28	6.316e+005
4014	3549	3518	3517	3548	S355	20.28	6.316e+005
4015	3580	3549	3548	3579	S355	20.28	6.316e+005
4016	3611	3580	3579	3610	S355	20.28	6.316e+005
4017	3642	3611	3610	3641	S355	20.28	6.316e+005
4018	3673	3642	3641	3672	S355	20.28	6.316e+005
4019	3704	3673	3672	3703	S355	20.28	6.316e+005
4020	3735	3704	3703	3734	S355	20.28	6.316e+005
4021	3766	3735	3734	3765	S355	20.28	6.316e+005
4022	3797	3766	3765	3796	S355	20.28	6.316e+005
4023	3828	3797	3796	3827	S355	20.28	6.316e+005
4024	3859	3828	3827	3858	S355	20.28	6.316e+005
4025	3890	3859	3858	3889	S355	20.28	6.316e+005
4026	3921	3890	3889	3920	S355	20.28	6.316e+005
4027	3952	3921	3920	3951	S355	20.28	6.316e+005
4028	3983	3952	3951	3982	S355	20.28	6.316e+005
4029	4014	3983	3982	4013	S355	20.28	6.316e+005
4030	4045	4014	4013	4044	S355	20.28	6.316e+005
4031	4076	4045	4044	4075	S355	20.28	6.316e+005
4032	4107	4076	4075	4106	S355	20.28	6.316e+005
4033	4138	4107	4106	4137	S355	20.28	6.316e+005
4034	4169	4138	4137	4168	S355	20.28	6.316e+005
4035	4200	4169	4168	4199	S355	20.28	6.316e+005
4036	4231	4200	4199	4230	S355	20.28	6.316e+005
4037	4262	4231	4230	4261	S355	20.28	6.316e+005
4038	4293	4262	4261	4292	S355	20.28	6.316e+005
4039	4324	4293	4292	4323	S355	20.28	6.316e+005
4040	4355	4324	4323	4354	S355	20.28	6.316e+005
4041	4386	4355	4354	4385	S355	20.28	6.316e+005

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	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4042	4417	4386	4385	4416	S355	20.28	6.316e+005
4043	4448	4417	4416	4447	S355	20.28	6.316e+005
4044	4479	4448	4447	4478	S355	20.28	6.316e+005
4045	4510	4479	4478	4509	S355	20.28	6.316e+005
4046	4541	4510	4509	4540	S355	20.28	6.316e+005
4047	4572	4541	4540	4571	S355	20.28	6.316e+005
4048	4603	4572	4571	4602	S355	20.28	6.316e+005
4049	4633	4603	4602	4632	S355	20.28	6.316e+005
4050	4662	4633	4632	4661	S355	20.28	6.316e+005
4051	4690	4662	4661	4689	S355	20.28	6.316e+005
4052	4720	4690	4689	4719	S355	20.28	6.316e+005
4053	4750	4720	4719	4749	S355	20.28	6.316e+005
4054	4781	4750	4749	4780	S355	20.28	6.316e+005
4055	4812	4781	4780	4811	S355	20.28	6.316e+005
4056	4842	4812	4811	4841	S355	20.28	6.316e+005
4057	4872	4842	4841	4871	S355	20.28	6.316e+005
4058	4903	4872	4871	4902	S355	20.28	6.316e+005
4059	4933	4903	4902	4932	S355	20.28	6.316e+005
4060	4963	4933	4932	4962	S355	20.28	6.316e+005
4061	4993	4963	4962	4992	S355	20.28	6.316e+005
4062	5023	4993	4992	5022	S355	20.28	6.316e+005
4063	5054	5023	5022	5053	S355	20.28	6.316e+005
4064	5084	5054	5053	5083	S355	20.28	6.316e+005
4065	5114	5084	5083	5113	S355	20.28	6.316e+005
4066	5144	5114	5113	5143	S355	20.28	6.316e+005
4067	5176	5144	5143	5175	S355	20.28	6.316e+005
4068	5210	5176	5175	5209	S355	20.28	6.316e+005
4069	5243	5210	5209	5242	S355	20.28	6.316e+005
4070	5276	5243	5242	5275	S355	20.28	6.316e+005
4071	5310	5276	5275	5309	S355	20.28	6.316e+005
4072	5343	5310	5309	5342	S355	20.28	6.316e+005
4073	5376	5343	5342	5375	S355	20.28	6.316e+005
4074	5409	5376	5375	5408	S355	20.28	6.316e+005
4075	5443	5409	5408	5442	S355	20.28	6.316e+005
4076	5476	5443	5442	5475	S355	20.28	6.316e+005
4077	5509	5476	5475	5508	S355	20.28	6.316e+005
4078	5543	5509	5508	5542	S355	20.28	6.316e+005
4079	5579	5543	5542	5578	S355	20.28	6.316e+005
4080	5612	5579	5578	5611	S355	20.28	6.316e+005
4081	5646	5612	5611	5645	S355	20.28	6.316e+005
4082	5680	5646	5645	5679	S355	20.28	6.316e+005
4083	5716	5680	5679	5715	S355	20.28	6.316e+005
4084	5750	5716	5715	5749	S355	20.28	6.316e+005
4085	5783	5750	5749	5782	S355	20.28	6.316e+005
4086	5817	5783	5782	5816	S355	20.28	6.316e+005
4087	5852	5817	5816	5851	S355	20.28	6.316e+005
4088	5888	5852	5851	5887	S355	20.28	6.316e+005
4089	5923	5888	5887	5922	S355	80	5.065e+005
4090	5959	5923	5922	5958	S355	80	5.065e+005
4091	3457	3426	3425	3456	S355	20.28	5.048e+005
4092	3488	3457	3456	3487	S355	20.28	5.048e+005
4093	3519	3488	3487	3518	S355	20.28	6.294e+005
4094	3550	3519	3518	3549	S355	20.28	6.294e+005
4095	3581	3550	3549	3580	S355	20.28	6.294e+005
4096	3612	3581	3580	3611	S355	20.28	6.294e+005
4097	3643	3612	3611	3642	S355	20.28	6.294e+005
4098	3674	3643	3642	3673	S355	20.28	6.294e+005
4099	3705	3674	3673	3704	S355	20.28	6.294e+005
4100	3736	3705	3704	3735	S355	20.28	6.294e+005
4101	3767	3736	3735	3766	S355	20.28	6.294e+005
4102	3798	3767	3766	3797	S355	20.28	6.294e+005
4103	3829	3798	3797	3828	S355	20.28	6.294e+005
4104	3860	3829	3828	3859	S355	20.28	6.294e+005
4105	3891	3860	3859	3890	S355	20.28	6.294e+005
4106	3922	3891	3890	3921	S355	20.28	6.294e+005
4107	3953	3922	3921	3952	S355	20.28	6.294e+005
4108	3984	3953	3952	3983	S355	20.28	6.294e+005
4109	4015	3984	3983	4014	S355	20.28	6.294e+005
4110	4046	4015	4014	4045	S355	20.28	6.294e+005

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	Company				Client	
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4111	4077	4046	4045	4076	S355	20.28	6.294e+005
4112	4108	4077	4076	4107	S355	20.28	6.294e+005
4113	4139	4108	4107	4138	S355	20.28	6.294e+005
4114	4170	4139	4138	4169	S355	20.28	6.294e+005
4115	4201	4170	4169	4200	S355	20.28	6.294e+005
4116	4232	4201	4200	4231	S355	20.28	6.294e+005
4117	4263	4232	4231	4262	S355	20.28	6.294e+005
4118	4294	4263	4262	4293	S355	20.28	6.294e+005
4119	4325	4294	4293	4324	S355	20.28	6.294e+005
4120	4356	4325	4324	4355	S355	20.28	6.294e+005
4121	4387	4356	4355	4386	S355	20.28	6.294e+005
4122	4418	4387	4386	4417	S355	20.28	6.294e+005
4123	4449	4418	4417	4448	S355	20.28	6.294e+005
4124	4480	4449	4448	4479	S355	20.28	6.294e+005
4125	4511	4480	4479	4510	S355	20.28	6.294e+005
4126	4542	4511	4510	4541	S355	20.28	6.294e+005
4127	4573	4542	4541	4572	S355	20.28	6.294e+005
4128	4604	4573	4572	4603	S355	20.28	6.294e+005
4129	4634	4604	4603	4633	S355	20.28	6.294e+005
4130	4663	4634	4633	4662	S355	20.28	6.294e+005
4131	4691	4663	4662	4690	S355	20.28	6.294e+005
4132	4721	4691	4690	4720	S355	20.28	6.294e+005
4133	4751	4721	4720	4750	S355	20.28	6.294e+005
4134	4782	4751	4750	4781	S355	20.28	6.294e+005
4135	4813	4782	4781	4812	S355	20.28	6.294e+005
4136	4843	4813	4812	4842	S355	20.28	6.294e+005
4137	4873	4843	4842	4872	S355	20.28	6.294e+005
4138	4904	4873	4872	4903	S355	20.28	6.294e+005
4139	4934	4904	4903	4933	S355	20.28	6.294e+005
4140	4964	4934	4933	4963	S355	20.28	6.294e+005
4141	4994	4964	4963	4993	S355	20.28	6.294e+005
4142	5024	4994	4993	5023	S355	20.28	6.294e+005
4143	5055	5024	5023	5054	S355	20.28	6.294e+005
4144	5085	5055	5054	5084	S355	20.28	6.294e+005
4145	5115	5085	5084	5114	S355	20.28	6.294e+005
4146	5145	5115	5114	5144	S355	20.28	6.294e+005
4147	5177	5145	5144	5176	S355	20.28	6.294e+005
4148	5211	5177	5176	5210	S355	20.28	6.294e+005
4149	5244	5211	5210	5243	S355	20.28	6.294e+005
4150	5277	5244	5243	5276	S355	20.28	6.294e+005
4151	5311	5277	5276	5310	S355	20.28	6.294e+005
4152	5344	5311	5310	5343	S355	20.28	6.294e+005
4153	5377	5344	5343	5376	S355	20.28	6.294e+005
4154	5410	5377	5376	5409	S355	20.28	6.294e+005
4155	5444	5410	5409	5443	S355	20.28	6.294e+005
4156	5477	5444	5443	5476	S355	20.28	6.294e+005
4157	5510	5477	5476	5509	S355	20.28	6.294e+005
4158	5544	5510	5509	5543	S355	20.28	6.294e+005
4159	5580	5544	5543	5579	S355	20.28	6.294e+005
4160	5613	5580	5579	5612	S355	20.28	6.294e+005
4161	5647	5613	5612	5646	S355	20.28	6.294e+005
4162	5681	5647	5646	5680	S355	20.28	6.294e+005
4163	5717	5681	5680	5716	S355	20.28	6.294e+005
4164	5751	5717	5716	5750	S355	20.28	6.294e+005
4165	5784	5751	5750	5783	S355	20.28	6.294e+005
4166	5818	5784	5783	5817	S355	20.28	6.294e+005
4167	5853	5818	5817	5852	S355	20.28	6.294e+005
4168	5889	5853	5852	5888	S355	20.28	6.294e+005
4169	5924	5889	5888	5923	S355	80	5.048e+005
4170	5960	5924	5923	5959	S355	80	5.048e+005
4171	3458	3427	3426	3457	S355	20.28	7.715e+005
4172	3489	3458	3457	3488	S355	20.28	7.715e+005
4173	3520	3489	3488	3519	S355	20.28	9.619e+005
4174	3551	3520	3519	3550	S355	20.28	9.619e+005
4175	3582	3551	3550	3581	S355	20.28	9.619e+005
4176	3613	3582	3581	3612	S355	20.28	9.619e+005
4177	3644	3613	3612	3643	S355	20.28	9.619e+005
4178	3675	3644	3643	3674	S355	20.28	9.619e+005
4179	3706	3675	3674	3705	S355	20.28	9.619e+005

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4180	3737	3706	3705	3736	S355	20.28	9.619e+005
4181	3768	3737	3736	3767	S355	20.28	9.619e+005
4182	3799	3768	3767	3798	S355	20.28	9.619e+005
4183	3830	3799	3798	3829	S355	20.28	9.619e+005
4184	3861	3830	3829	3860	S355	20.28	9.619e+005
4185	3892	3861	3860	3891	S355	20.28	9.619e+005
4186	3923	3892	3891	3922	S355	20.28	9.619e+005
4187	3954	3923	3922	3953	S355	20.28	9.619e+005
4188	3985	3954	3953	3984	S355	20.28	9.619e+005
4189	4016	3985	3984	4015	S355	20.28	9.619e+005
4190	4047	4016	4015	4046	S355	20.28	9.619e+005
4191	4078	4047	4046	4077	S355	20.28	9.619e+005
4192	4109	4078	4077	4108	S355	20.28	9.619e+005
4193	4140	4109	4108	4139	S355	20.28	9.619e+005
4194	4171	4140	4139	4170	S355	20.28	9.619e+005
4195	4202	4171	4170	4201	S355	20.28	9.619e+005
4196	4233	4202	4201	4232	S355	20.28	9.619e+005
4197	4264	4233	4232	4263	S355	20.28	9.619e+005
4198	4295	4264	4263	4294	S355	20.28	9.619e+005
4199	4326	4295	4294	4325	S355	20.28	9.619e+005
4200	4357	4326	4325	4356	S355	20.28	9.619e+005
4201	4388	4357	4356	4387	S355	20.28	9.619e+005
4202	4419	4388	4387	4418	S355	20.28	9.619e+005
4203	4450	4419	4418	4449	S355	20.28	9.619e+005
4204	4481	4450	4449	4480	S355	20.28	9.619e+005
4205	4512	4481	4480	4511	S355	20.28	9.619e+005
4206	4543	4512	4511	4542	S355	20.28	9.619e+005
4207	4574	4543	4542	4573	S355	20.28	9.619e+005
4208	4605	4574	4573	4604	S355	20.28	9.619e+005
4209	4635	4605	4604	4634	S355	20.28	9.619e+005
4210	4664	4635	4634	4663	S355	20.28	9.619e+005
4211	4692	4664	4663	4691	S355	20.28	9.619e+005
4212	4722	4692	4691	4721	S355	20.28	9.619e+005
4213	4752	4722	4721	4751	S355	20.28	9.619e+005
4214	4783	4752	4751	4782	S355	20.28	9.619e+005
4215	4814	4783	4782	4813	S355	20.28	9.619e+005
4216	4844	4814	4813	4843	S355	20.28	9.619e+005
4217	4874	4844	4843	4873	S355	20.28	9.619e+005
4218	4905	4874	4873	4904	S355	20.28	9.619e+005
4219	4935	4905	4904	4934	S355	20.28	9.619e+005
4220	4965	4935	4934	4964	S355	20.28	9.619e+005
4221	4995	4965	4964	4994	S355	20.28	9.619e+005
4222	5025	4995	4994	5024	S355	20.28	9.619e+005
4223	5056	5025	5024	5055	S355	20.28	9.619e+005
4224	5086	5056	5055	5085	S355	20.28	9.619e+005
4225	5116	5086	5085	5115	S355	20.28	9.619e+005
4226	5146	5116	5115	5145	S355	20.28	9.619e+005
4227	5178	5146	5145	5177	S355	20.28	9.619e+005
4228	5212	5178	5177	5211	S355	20.28	9.619e+005
4229	5245	5212	5211	5244	S355	20.28	9.619e+005
4230	5278	5245	5244	5277	S355	20.28	9.619e+005
4231	5312	5278	5277	5311	S355	20.28	9.619e+005
4232	5345	5312	5311	5344	S355	20.28	9.619e+005
4233	5378	5345	5344	5377	S355	20.28	9.619e+005
4234	5411	5378	5377	5410	S355	20.28	9.619e+005
4235	5445	5411	5410	5444	S355	20.28	9.619e+005
4236	5478	5445	5444	5477	S355	20.28	9.619e+005
4237	5511	5478	5477	5510	S355	20.28	9.619e+005
4238	5545	5511	5510	5544	S355	20.28	9.619e+005
4239	5581	5545	5544	5580	S355	20.28	9.619e+005
4240	5614	5581	5580	5613	S355	20.28	9.619e+005
4241	5648	5614	5613	5647	S355	20.28	9.619e+005
4242	5682	5648	5647	5681	S355	20.28	9.619e+005
4243	5718	5682	5681	5717	S355	20.28	9.619e+005
4244	5752	5718	5717	5751	S355	20.28	9.619e+005
4245	5785	5752	5751	5784	S355	20.28	9.619e+005
4246	5819	5785	5784	5818	S355	20.28	9.619e+005
4247	5854	5819	5818	5853	S355	20.28	9.619e+005
4248	5890	5854	5853	5889	S355	20.28	9.619e+005

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4249	5925	5890	5889	5924	S355	80	7.715e+005
4250	5961	5925	5924	5960	S355	80	7.715e+005
4251	3459	3428	3427	3458	S355	20.28	4.761e+005
4252	3490	3459	3458	3489	S355	20.28	4.585e+005
4253	3521	3490	3489	3520	S355	20.28	6.113e+005
4254	3552	3521	3520	3551	S355	20.28	5.937e+005
4255	3583	3552	3551	3582	S355	20.28	5.937e+005
4256	3614	3583	3582	3613	S355	20.28	5.937e+005
4257	3645	3614	3613	3644	S355	20.28	5.937e+005
4258	3676	3645	3644	3675	S355	20.28	5.937e+005
4259	3707	3676	3675	3706	S355	20.28	5.937e+005
4260	3738	3707	3706	3737	S355	20.28	5.937e+005
4261	3769	3738	3737	3768	S355	20.28	5.937e+005
4262	3800	3769	3768	3799	S355	20.28	5.937e+005
4263	3831	3800	3799	3830	S355	20.28	5.937e+005
4264	3862	3831	3830	3861	S355	20.28	5.937e+005
4265	3893	3862	3861	3892	S355	20.28	5.937e+005
4266	3924	3893	3892	3923	S355	20.28	5.937e+005
4267	3955	3924	3923	3954	S355	20.28	5.937e+005
4268	3986	3955	3954	3985	S355	20.28	5.937e+005
4269	4017	3986	3985	4016	S355	20.28	5.937e+005
4270	4048	4017	4016	4047	S355	20.28	5.937e+005
4271	4079	4048	4047	4078	S355	20.28	5.937e+005
4272	4110	4079	4078	4109	S355	20.28	5.937e+005
4273	4141	4110	4109	4140	S355	20.28	5.937e+005
4274	4172	4141	4140	4171	S355	20.28	5.937e+005
4275	4203	4172	4171	4202	S355	20.28	5.937e+005
4276	4234	4203	4202	4233	S355	20.28	5.937e+005
4277	4265	4234	4233	4264	S355	20.28	5.937e+005
4278	4296	4265	4264	4295	S355	20.28	5.937e+005
4279	4327	4296	4295	4326	S355	20.28	5.937e+005
4280	4358	4327	4326	4357	S355	20.28	5.937e+005
4281	4389	4358	4357	4388	S355	20.28	5.937e+005
4282	4420	4389	4388	4419	S355	20.28	5.937e+005
4283	4451	4420	4419	4450	S355	20.28	5.937e+005
4284	4482	4451	4450	4481	S355	20.28	5.937e+005
4285	4513	4482	4481	4512	S355	20.28	5.937e+005
4286	4544	4513	4512	4543	S355	20.28	5.937e+005
4287	4575	4544	4543	4574	S355	20.28	5.937e+005
4288	4606	4575	4574	4605	S355	20.28	5.937e+005
4289	4636	4606	4605	4635	S355	20.28	5.937e+005
4290	4665	4636	4635	4664	S355	20.28	5.937e+005
4291	4693	4665	4664	4692	S355	20.28	5.937e+005
4292	4723	4693	4692	4722	S355	20.28	5.937e+005
4293	4753	4723	4722	4752	S355	20.28	5.937e+005
4294	4784	4753	4752	4783	S355	20.28	5.937e+005
4295	4815	4784	4783	4814	S355	20.28	5.937e+005
4296	4845	4815	4814	4844	S355	20.28	5.937e+005
4297	4875	4845	4844	4874	S355	20.28	5.937e+005
4298	4906	4875	4874	4905	S355	20.28	5.937e+005
4299	4936	4906	4905	4935	S355	20.28	5.937e+005
4300	4966	4936	4935	4965	S355	20.28	5.937e+005
4301	4996	4966	4965	4995	S355	20.28	5.937e+005
4302	5026	4996	4995	5025	S355	20.28	5.937e+005
4303	5057	5026	5025	5056	S355	20.28	5.937e+005
4304	5087	5057	5056	5086	S355	20.28	5.937e+005
4305	5117	5087	5086	5116	S355	20.28	5.937e+005
4306	5147	5117	5116	5146	S355	20.28	5.937e+005
4307	5179	5147	5146	5178	S355	20.28	5.937e+005
4308	5213	5179	5178	5212	S355	20.28	5.937e+005
4309	5246	5213	5212	5245	S355	20.28	5.937e+005
4310	5279	5246	5245	5278	S355	20.28	5.937e+005
4311	5313	5279	5278	5312	S355	20.28	5.937e+005
4312	5346	5313	5312	5345	S355	20.28	5.937e+005
4313	5379	5346	5345	5378	S355	20.28	5.937e+005
4314	5412	5379	5378	5411	S355	20.28	5.937e+005
4315	5446	5412	5411	5445	S355	20.28	5.937e+005
4316	5479	5446	5445	5478	S355	20.28	5.937e+005
4317	5512	5479	5478	5511	S355	20.28	5.937e+005

PROJECT TITLE :

MIDAS	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4318	5546	5512	5511	5545	S355	20.28	5.937e+005
4319	5582	5546	5545	5581	S355	20.28	5.937e+005
4320	5615	5582	5581	5614	S355	20.28	5.937e+005
4321	5649	5615	5614	5648	S355	20.28	5.937e+005
4322	5683	5649	5648	5682	S355	20.28	5.937e+005
4323	5719	5683	5682	5718	S355	20.28	5.937e+005
4324	5753	5719	5718	5752	S355	20.28	5.937e+005
4325	5786	5753	5752	5785	S355	20.28	5.937e+005
4326	5820	5786	5785	5819	S355	20.28	5.937e+005
4327	5855	5820	5819	5854	S355	20.28	5.937e+005
4328	5891	5855	5854	5890	S355	20.28	6.113e+005
4329	5926	5891	5890	5925	S355	80	4.585e+005
4330	5962	5926	5925	5961	S355	80	4.761e+005
4331	3376	3354	3353	3375	Rck45	320	6.289e+005
4332	3398	3376	3375	3397	Rck45	320	4.408e+005
4333	3429	3398	3397	3428	Rck45	320	4.761e+005
4334	3460	3429	3428	3459	Rck45	320	4.761e+005
4335	3491	3460	3459	3490	Rck45	320	4.408e+005
4336	3522	3491	3490	3521	Rck45	320	6.289e+005
4337	3553	3522	3521	3552	Rck45	320	5.937e+005
4338	3584	3553	3552	3583	Rck45	320	5.937e+005
4339	3615	3584	3583	3614	Rck45	320	5.937e+005
4340	3646	3615	3614	3645	Rck45	320	5.937e+005
4341	3677	3646	3645	3676	Rck45	320	5.937e+005
4342	3708	3677	3676	3707	Rck45	320	5.937e+005
4343	3739	3708	3707	3738	Rck45	320	5.937e+005
4344	3770	3739	3738	3769	Rck45	320	5.937e+005
4345	3801	3770	3769	3800	Rck45	320	5.937e+005
4346	3832	3801	3800	3831	Rck45	320	5.937e+005
4347	3863	3832	3831	3862	Rck45	320	5.937e+005
4348	3894	3863	3862	3893	Rck45	320	5.937e+005
4349	3925	3894	3893	3924	Rck45	320	5.937e+005
4350	3956	3925	3924	3955	Rck45	320	5.937e+005
4351	3987	3956	3955	3986	Rck45	320	5.937e+005
4352	4018	3987	3986	4017	Rck45	320	5.937e+005
4353	4049	4018	4017	4048	Rck45	320	5.937e+005
4354	4080	4049	4048	4079	Rck45	320	5.937e+005
4355	4111	4080	4079	4110	Rck45	320	5.937e+005
4356	4142	4111	4110	4141	Rck45	320	5.937e+005
4357	4173	4142	4141	4172	Rck45	320	5.937e+005
4358	4204	4173	4172	4203	Rck45	320	5.937e+005
4359	4235	4204	4203	4234	Rck45	320	5.937e+005
4360	4266	4235	4234	4265	Rck45	320	5.937e+005
4361	4297	4266	4265	4296	Rck45	320	5.937e+005
4362	4328	4297	4296	4327	Rck45	320	5.937e+005
4363	4359	4328	4327	4358	Rck45	320	5.937e+005
4364	4390	4359	4358	4389	Rck45	320	5.937e+005
4365	4421	4390	4389	4420	Rck45	320	5.937e+005
4366	4452	4421	4420	4451	Rck45	320	5.937e+005
4367	4483	4452	4451	4482	Rck45	320	5.937e+005
4368	4514	4483	4482	4513	Rck45	320	5.937e+005
4369	4545	4514	4513	4544	Rck45	320	5.937e+005
4370	4576	4545	4544	4575	Rck45	320	5.937e+005
4371	4607	4576	4575	4606	Rck45	320	5.937e+005
4372	4637	4607	4606	4636	Rck45	320	5.937e+005
4373	4666	4637	4636	4665	Rck45	320	5.937e+005
4374	4694	4666	4665	4693	Rck45	320	5.937e+005
4375	4724	4694	4693	4723	Rck45	320	5.937e+005
4376	4754	4724	4723	4753	Rck45	320	5.937e+005
4377	4785	4754	4753	4784	Rck45	320	5.937e+005
4378	4816	4785	4784	4815	Rck45	320	5.937e+005
4379	4846	4816	4815	4845	Rck45	320	5.937e+005
4380	4876	4846	4845	4875	Rck45	320	5.937e+005
4381	4907	4876	4875	4906	Rck45	320	5.937e+005
4382	4937	4907	4906	4936	Rck45	320	5.937e+005
4383	4967	4937	4936	4966	Rck45	320	5.937e+005
4384	4997	4967	4966	4996	Rck45	320	5.937e+005
4385	5027	4997	4996	5026	Rck45	320	5.937e+005
4386	5058	5027	5026	5057	Rck45	320	5.937e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4387	5088	5058	5057	5087	Rck45	320	5.937e+005
4388	5118	5088	5087	5117	Rck45	320	5.937e+005
4389	5148	5118	5117	5147	Rck45	320	5.937e+005
4390	5180	5148	5147	5179	Rck45	320	5.937e+005
4391	5214	5180	5179	5213	Rck45	320	5.937e+005
4392	5247	5214	5213	5246	Rck45	320	5.937e+005
4393	5280	5247	5246	5279	Rck45	320	5.937e+005
4394	5314	5280	5279	5313	Rck45	320	5.937e+005
4395	5347	5314	5313	5346	Rck45	320	5.937e+005
4396	5380	5347	5346	5379	Rck45	320	5.937e+005
4397	5413	5380	5379	5412	Rck45	320	5.937e+005
4398	5447	5413	5412	5446	Rck45	320	5.937e+005
4399	5480	5447	5446	5479	Rck45	320	5.937e+005
4400	5513	5480	5479	5512	Rck45	320	5.937e+005
4401	5547	5513	5512	5546	Rck45	320	5.937e+005
4402	5583	5547	5546	5582	Rck45	320	5.937e+005
4403	5616	5583	5582	5615	Rck45	320	5.937e+005
4404	5650	5616	5615	5649	Rck45	320	5.937e+005
4405	5684	5650	5649	5683	Rck45	320	5.937e+005
4406	5720	5684	5683	5719	Rck45	320	5.937e+005
4407	5754	5720	5719	5753	Rck45	320	5.937e+005
4408	5787	5754	5753	5786	Rck45	320	5.937e+005
4409	5821	5787	5786	5820	Rck45	320	5.937e+005
4410	5856	5821	5820	5855	Rck45	320	5.937e+005
4411	5892	5856	5855	5891	Rck45	320	6.289e+005
4412	5927	5892	5891	5926	Rck45	320	4.408e+005
4413	5963	5927	5926	5962	Rck45	320	4.761e+005
4414	5986	5963	5962	5985	Rck45	320	4.761e+005
4415	6008	5986	5985	6007	Rck45	320	4.408e+005
4416	6030	6008	6007	6029	Rck45	320	6.289e+005
4417	3377	3355	3354	3376	Rck45	210	5.783e+005
4418	3399	3377	3376	3398	Rck45	210	4.054e+005
4419	3430	3399	3398	3429	Rck45	210	4.378e+005
4420	3461	3430	3429	3460	Rck45	210	4.378e+005
4421	3492	3461	3460	3491	Rck45	210	4.054e+005
4422	3523	3492	3491	3522	Rck45	210	5.783e+005
4423	3554	3523	3522	3553	Rck45	210	5.459e+005
4424	3585	3554	3553	3584	Rck45	210	5.459e+005
4425	3616	3585	3584	3615	Rck45	210	5.459e+005
4426	3647	3616	3615	3646	Rck45	210	5.459e+005
4427	3678	3647	3646	3677	Rck45	210	5.459e+005
4428	3709	3678	3677	3708	Rck45	210	5.459e+005
4429	3740	3709	3708	3739	Rck45	210	5.459e+005
4430	3771	3740	3739	3770	Rck45	210	5.459e+005
4431	3802	3771	3770	3801	Rck45	210	5.459e+005
4432	3833	3802	3801	3832	Rck45	210	5.459e+005
4433	3864	3833	3832	3863	Rck45	210	5.459e+005
4434	3895	3864	3863	3894	Rck45	210	5.459e+005
4435	3926	3895	3894	3925	Rck45	210	5.459e+005
4436	3957	3926	3925	3956	Rck45	210	5.459e+005
4437	3988	3957	3956	3987	Rck45	210	5.459e+005
4438	4019	3988	3987	4018	Rck45	210	5.459e+005
4439	4050	4019	4018	4049	Rck45	210	5.459e+005
4440	4081	4050	4049	4080	Rck45	210	5.459e+005
4441	4112	4081	4080	4111	Rck45	210	5.459e+005
4442	4143	4112	4111	4142	Rck45	210	5.459e+005
4443	4174	4143	4142	4173	Rck45	210	5.459e+005
4444	4205	4174	4173	4204	Rck45	210	5.459e+005
4445	4236	4205	4204	4235	Rck45	210	5.459e+005
4446	4267	4236	4235	4266	Rck45	210	5.459e+005
4447	4298	4267	4266	4297	Rck45	210	5.459e+005
4448	4329	4298	4297	4328	Rck45	210	5.459e+005
4449	4360	4329	4328	4359	Rck45	210	5.459e+005
4450	4391	4360	4359	4390	Rck45	210	5.459e+005
4451	4422	4391	4390	4421	Rck45	210	5.459e+005
4452	4453	4422	4421	4452	Rck45	210	5.459e+005
4453	4484	4453	4452	4483	Rck45	210	5.459e+005
4454	4515	4484	4483	4514	Rck45	210	5.459e+005
4455	4546	4515	4514	4545	Rck45	210	5.459e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

4456	4577	4546	4545	4576	Rck45	210	5.459e+005
4457	4608	4577	4576	4607	Rck45	210	5.459e+005
4458	4638	4608	4607	4637	Rck45	210	5.459e+005
4459	4667	4638	4637	4666	Rck45	210	5.459e+005
4460	4695	4667	4666	4694	Rck45	210	5.459e+005
4461	4725	4695	4694	4724	Rck45	210	5.459e+005
4462	4755	4725	4724	4754	Rck45	210	5.459e+005
4463	4786	4755	4754	4785	Rck45	210	5.459e+005
4464	4817	4786	4785	4816	Rck45	210	5.459e+005
4465	4847	4817	4816	4846	Rck45	210	5.459e+005
4466	4877	4847	4846	4876	Rck45	210	5.459e+005
4467	4908	4877	4876	4907	Rck45	210	5.459e+005
4468	4938	4908	4907	4937	Rck45	210	5.459e+005
4469	4968	4938	4937	4967	Rck45	210	5.459e+005
4470	4998	4968	4967	4997	Rck45	210	5.459e+005
4471	5028	4998	4997	5027	Rck45	210	5.459e+005
4472	5059	5028	5027	5058	Rck45	210	5.459e+005
4473	5089	5059	5058	5088	Rck45	210	5.459e+005
4474	5119	5089	5088	5118	Rck45	210	5.459e+005
4475	5149	5119	5118	5148	Rck45	210	5.459e+005
4476	5181	5149	5148	5180	Rck45	210	5.459e+005
4477	5215	5181	5180	5214	Rck45	210	5.459e+005
4478	5248	5215	5214	5247	Rck45	210	5.459e+005
4479	5281	5248	5247	5280	Rck45	210	5.459e+005
4480	5315	5281	5280	5314	Rck45	210	5.459e+005
4481	5348	5315	5314	5347	Rck45	210	5.459e+005
4482	5381	5348	5347	5380	Rck45	210	5.459e+005
4483	5414	5381	5380	5413	Rck45	210	5.459e+005
4484	5448	5414	5413	5447	Rck45	210	5.459e+005
4485	5481	5448	5447	5480	Rck45	210	5.459e+005
4486	5514	5481	5480	5513	Rck45	210	5.459e+005
4487	5548	5514	5513	5547	Rck45	210	5.459e+005
4488	5584	5548	5547	5583	Rck45	210	5.459e+005
4489	5617	5584	5583	5616	Rck45	210	5.459e+005
4490	5651	5617	5616	5650	Rck45	210	5.459e+005
4491	5685	5651	5650	5684	Rck45	210	5.459e+005
4492	5721	5685	5684	5720	Rck45	210	5.459e+005
4493	5755	5721	5720	5754	Rck45	210	5.459e+005
4494	5788	5755	5754	5787	Rck45	210	5.459e+005
4495	5822	5788	5787	5821	Rck45	210	5.459e+005
4496	5857	5822	5821	5856	Rck45	210	5.459e+005
4497	5893	5857	5856	5892	Rck45	210	5.783e+005
4498	5928	5893	5892	5927	Rck45	210	4.054e+005
4499	5964	5928	5927	5963	Rck45	210	4.378e+005
4500	5987	5964	5963	5986	Rck45	210	4.378e+005
4501	6009	5987	5986	6008	Rck45	210	4.054e+005
4502	6031	6009	6008	6030	Rck45	210	5.783e+005
4503	3378	3356	3355	3377	Rck45	240	5.783e+005
4504	3400	3378	3377	3399	Rck45	240	4.054e+005
4505	3431	3400	3399	3430	Rck45	240	4.378e+005
4506	3462	3431	3430	3461	Rck45	240	4.378e+005
4507	3493	3462	3461	3492	Rck45	240	4.054e+005
4508	3524	3493	3492	3523	Rck45	240	5.783e+005
4509	3555	3524	3523	3554	Rck45	240	5.459e+005
4510	3586	3555	3554	3585	Rck45	240	5.459e+005
4511	3617	3586	3585	3616	Rck45	240	5.459e+005
4512	3648	3617	3616	3647	Rck45	240	5.459e+005
4513	3679	3648	3647	3678	Rck45	240	5.459e+005
4514	3710	3679	3678	3709	Rck45	240	5.459e+005
4515	3741	3710	3709	3740	Rck45	240	5.459e+005
4516	3772	3741	3740	3771	Rck45	240	5.459e+005
4517	3803	3772	3771	3802	Rck45	240	5.459e+005
4518	3834	3803	3802	3833	Rck45	240	5.459e+005
4519	3865	3834	3833	3864	Rck45	240	5.459e+005
4520	3896	3865	3864	3895	Rck45	240	5.459e+005
4521	3927	3896	3895	3926	Rck45	240	5.459e+005
4522	3958	3927	3926	3957	Rck45	240	5.459e+005
4523	3989	3958	3957	3988	Rck45	240	5.459e+005
4524	4020	3989	3988	4019	Rck45	240	5.459e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

4525	4051	4020	4019	4050	Rck45	240	5.459e+005
4526	4082	4051	4050	4081	Rck45	240	5.459e+005
4527	4113	4082	4081	4112	Rck45	240	5.459e+005
4528	4144	4113	4112	4143	Rck45	240	5.459e+005
4529	4175	4144	4143	4174	Rck45	240	5.459e+005
4530	4206	4175	4174	4205	Rck45	240	5.459e+005
4531	4237	4206	4205	4236	Rck45	240	5.459e+005
4532	4268	4237	4236	4267	Rck45	240	5.459e+005
4533	4299	4268	4267	4298	Rck45	240	5.459e+005
4534	4330	4299	4298	4329	Rck45	240	5.459e+005
4535	4361	4330	4329	4360	Rck45	240	5.459e+005
4536	4392	4361	4360	4391	Rck45	240	5.459e+005
4537	4423	4392	4391	4422	Rck45	240	5.459e+005
4538	4454	4423	4422	4453	Rck45	240	5.459e+005
4539	4485	4454	4453	4484	Rck45	240	5.459e+005
4540	4516	4485	4484	4515	Rck45	240	5.459e+005
4541	4547	4516	4515	4546	Rck45	240	5.459e+005
4542	4578	4547	4546	4577	Rck45	240	5.459e+005
4543	4609	4578	4577	4608	Rck45	240	5.459e+005
4544	4639	4609	4608	4638	Rck45	240	5.459e+005
4545	4668	4639	4638	4667	Rck45	240	5.459e+005
4546	4696	4668	4667	4695	Rck45	240	5.459e+005
4547	4726	4696	4695	4725	Rck45	240	5.459e+005
4548	4756	4726	4725	4755	Rck45	240	5.459e+005
4549	4787	4756	4755	4786	Rck45	240	5.459e+005
4550	4818	4787	4786	4817	Rck45	240	5.459e+005
4551	4848	4818	4817	4847	Rck45	240	5.459e+005
4552	4878	4848	4847	4877	Rck45	240	5.459e+005
4553	4909	4878	4877	4908	Rck45	240	5.459e+005
4554	4939	4909	4908	4938	Rck45	240	5.459e+005
4555	4969	4939	4938	4968	Rck45	240	5.459e+005
4556	4999	4969	4968	4998	Rck45	240	5.459e+005
4557	5029	4999	4998	5028	Rck45	240	5.459e+005
4558	5060	5029	5028	5059	Rck45	240	5.459e+005
4559	5090	5060	5059	5089	Rck45	240	5.459e+005
4560	5120	5090	5089	5119	Rck45	240	5.459e+005
4561	5150	5120	5119	5149	Rck45	240	5.459e+005
4562	5182	5150	5149	5181	Rck45	240	5.459e+005
4563	5216	5182	5181	5215	Rck45	240	5.459e+005
4564	5249	5216	5215	5248	Rck45	240	5.459e+005
4565	5282	5249	5248	5281	Rck45	240	5.459e+005
4566	5316	5282	5281	5315	Rck45	240	5.459e+005
4567	5349	5316	5315	5348	Rck45	240	5.459e+005
4568	5382	5349	5348	5381	Rck45	240	5.459e+005
4569	5415	5382	5381	5414	Rck45	240	5.459e+005
4570	5449	5415	5414	5448	Rck45	240	5.459e+005
4571	5482	5449	5448	5481	Rck45	240	5.459e+005
4572	5515	5482	5481	5514	Rck45	240	5.459e+005
4573	5549	5515	5514	5548	Rck45	240	5.459e+005
4574	5585	5549	5548	5584	Rck45	240	5.459e+005
4575	5618	5585	5584	5617	Rck45	240	5.459e+005
4576	5652	5618	5617	5651	Rck45	240	5.459e+005
4577	5686	5652	5651	5685	Rck45	240	5.459e+005
4578	5722	5686	5685	5721	Rck45	240	5.459e+005
4579	5756	5722	5721	5755	Rck45	240	5.459e+005
4580	5789	5756	5755	5788	Rck45	240	5.459e+005
4581	5823	5789	5788	5822	Rck45	240	5.459e+005
4582	5858	5823	5822	5857	Rck45	240	5.459e+005
4583	5894	5858	5857	5893	Rck45	240	5.783e+005
4584	5929	5894	5893	5928	Rck45	240	4.054e+005
4585	5965	5929	5928	5964	Rck45	240	4.378e+005
4586	5988	5965	5964	5987	Rck45	240	4.378e+005
4587	6010	5988	5987	6009	Rck45	240	4.054e+005
4588	6032	6010	6009	6031	Rck45	240	5.783e+005
4589	3379	3357	3356	3378	Rck45	280	5.796e+005
4590	3401	3379	3378	3400	Rck45	280	4.063e+005
4591	3432	3401	3400	3431	Rck45	280	4.388e+005
4592	3463	3432	3431	3462	Rck45	280	4.388e+005
4593	3494	3463	3462	3493	Rck45	280	4.063e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

4594	3525	3494	3493	3524	Rck45	280	5.796e+005
4595	3556	3525	3524	3555	Rck45	280	5.471e+005
4596	3587	3556	3555	3586	Rck45	280	5.471e+005
4597	3618	3587	3586	3617	Rck45	280	5.471e+005
4598	3649	3618	3617	3648	Rck45	280	5.471e+005
4599	3680	3649	3648	3679	Rck45	280	5.471e+005
4600	3711	3680	3679	3710	Rck45	280	5.471e+005
4601	3742	3711	3710	3741	Rck45	280	5.471e+005
4602	3773	3742	3741	3772	Rck45	280	5.471e+005
4603	3804	3773	3772	3803	Rck45	280	5.471e+005
4604	3835	3804	3803	3834	Rck45	280	5.471e+005
4605	3866	3835	3834	3865	Rck45	280	5.471e+005
4606	3897	3866	3865	3896	Rck45	280	5.471e+005
4607	3928	3897	3896	3927	Rck45	280	5.471e+005
4608	3959	3928	3927	3958	Rck45	280	5.471e+005
4609	3990	3959	3958	3989	Rck45	280	5.471e+005
4610	4021	3990	3989	4020	Rck45	280	5.471e+005
4611	4052	4021	4020	4051	Rck45	280	5.471e+005
4612	4083	4052	4051	4082	Rck45	280	5.471e+005
4613	4114	4083	4082	4113	Rck45	280	5.471e+005
4614	4145	4114	4113	4144	Rck45	280	5.471e+005
4615	4176	4145	4144	4175	Rck45	280	5.471e+005
4616	4207	4176	4175	4206	Rck45	280	5.471e+005
4617	4238	4207	4206	4237	Rck45	280	5.471e+005
4618	4269	4238	4237	4268	Rck45	280	5.471e+005
4619	4300	4269	4268	4299	Rck45	280	5.471e+005
4620	4331	4300	4299	4330	Rck45	280	5.471e+005
4621	4362	4331	4330	4361	Rck45	280	5.471e+005
4622	4393	4362	4361	4392	Rck45	280	5.471e+005
4623	4424	4393	4392	4423	Rck45	280	5.471e+005
4624	4455	4424	4423	4454	Rck45	280	5.471e+005
4625	4486	4455	4454	4485	Rck45	280	5.471e+005
4626	4517	4486	4485	4516	Rck45	280	5.471e+005
4627	4548	4517	4516	4547	Rck45	280	5.471e+005
4628	4579	4548	4547	4578	Rck45	280	5.471e+005
4629	4610	4579	4578	4609	Rck45	280	5.471e+005
4630	4640	4610	4609	4639	Rck45	280	5.471e+005
4631	4669	4640	4639	4668	Rck45	280	5.471e+005
4632	4697	4669	4668	4696	Rck45	280	5.471e+005
4633	4727	4697	4696	4726	Rck45	280	5.471e+005
4634	4757	4727	4726	4756	Rck45	280	5.471e+005
4635	4788	4757	4756	4787	Rck45	280	5.471e+005
4636	4819	4788	4787	4818	Rck45	280	5.471e+005
4637	4849	4819	4818	4848	Rck45	280	5.471e+005
4638	4879	4849	4848	4878	Rck45	280	5.471e+005
4639	4910	4879	4878	4909	Rck45	280	5.471e+005
4640	4940	4910	4909	4939	Rck45	280	5.471e+005
4641	4970	4940	4939	4969	Rck45	280	5.471e+005
4642	5000	4970	4969	4999	Rck45	280	5.471e+005
4643	5030	5000	4999	5029	Rck45	280	5.471e+005
4644	5061	5030	5029	5060	Rck45	280	5.471e+005
4645	5091	5061	5060	5090	Rck45	280	5.471e+005
4646	5121	5091	5090	5120	Rck45	280	5.471e+005
4647	5151	5121	5120	5150	Rck45	280	5.471e+005
4648	5183	5151	5150	5182	Rck45	280	5.471e+005
4649	5217	5183	5182	5216	Rck45	280	5.471e+005
4650	5250	5217	5216	5249	Rck45	280	5.471e+005
4651	5283	5250	5249	5282	Rck45	280	5.471e+005
4652	5317	5283	5282	5316	Rck45	280	5.471e+005
4653	5350	5317	5316	5349	Rck45	280	5.471e+005
4654	5383	5350	5349	5382	Rck45	280	5.471e+005
4655	5416	5383	5382	5415	Rck45	280	5.471e+005
4656	5450	5416	5415	5449	Rck45	280	5.471e+005
4657	5483	5450	5449	5482	Rck45	280	5.471e+005
4658	5516	5483	5482	5515	Rck45	280	5.471e+005
4659	5550	5516	5515	5549	Rck45	280	5.471e+005
4660	5586	5550	5549	5585	Rck45	280	5.471e+005
4661	5619	5586	5585	5618	Rck45	280	5.471e+005
4662	5653	5619	5618	5652	Rck45	280	5.471e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl


4663	5687	5653	5652	5686	Rck45	280	5.471e+005
4664	5723	5687	5686	5722	Rck45	280	5.471e+005
4665	5757	5723	5722	5756	Rck45	280	5.471e+005
4666	5790	5757	5756	5789	Rck45	280	5.471e+005
4667	5824	5790	5789	5823	Rck45	280	5.471e+005
4668	5859	5824	5823	5858	Rck45	280	5.471e+005
4669	5895	5859	5858	5894	Rck45	280	5.796e+005
4670	5930	5895	5894	5929	Rck45	280	4.063e+005
4671	5966	5930	5929	5965	Rck45	280	4.388e+005
4672	5989	5966	5965	5988	Rck45	280	4.388e+005
4673	6011	5989	5988	6010	Rck45	280	4.063e+005
4674	6033	6011	6010	6032	Rck45	280	5.796e+005
4675	3380	3358	3357	3379	Rck45	390	1.002e+006
4676	3402	3380	3379	3401	Rck45	390	7.025e+005
4677	3433	3402	3401	3432	Rck45	390	7.587e+005
4678	3464	3433	3432	3463	Rck45	390	7.587e+005
4679	3495	3464	3463	3494	Rck45	390	7.025e+005
4680	3526	3495	3494	3525	Rck45	390	1.002e+006
4681	3557	3526	3525	3556	Rck45	390	9.461e+005
4682	3588	3557	3556	3587	Rck45	390	9.461e+005
4683	3619	3588	3587	3618	Rck45	390	9.461e+005
4684	3650	3619	3618	3649	Rck45	390	9.461e+005
4685	3681	3650	3649	3680	Rck45	390	9.461e+005
4686	3712	3681	3680	3711	Rck45	390	9.461e+005
4687	3743	3712	3711	3742	Rck45	390	9.461e+005
4688	3774	3743	3742	3773	Rck45	390	9.461e+005
4689	3805	3774	3773	3804	Rck45	390	9.461e+005
4690	3836	3805	3804	3835	Rck45	390	9.461e+005
4691	3867	3836	3835	3866	Rck45	390	9.461e+005
4692	3898	3867	3866	3897	Rck45	390	9.461e+005
4693	3929	3898	3897	3928	Rck45	390	9.461e+005
4694	3960	3929	3928	3959	Rck45	390	9.461e+005
4695	3991	3960	3959	3990	Rck45	390	9.461e+005
4696	4022	3991	3990	4021	Rck45	390	9.461e+005
4697	4053	4022	4021	4052	Rck45	390	9.461e+005
4698	4084	4053	4052	4083	Rck45	390	9.461e+005
4699	4115	4084	4083	4114	Rck45	390	9.461e+005
4700	4146	4115	4114	4145	Rck45	390	9.461e+005
4701	4177	4146	4145	4176	Rck45	390	9.461e+005
4702	4208	4177	4176	4207	Rck45	390	9.461e+005
4703	4239	4208	4207	4238	Rck45	390	9.461e+005
4704	4270	4239	4238	4269	Rck45	390	9.461e+005
4705	4301	4270	4269	4300	Rck45	390	9.461e+005
4706	4332	4301	4300	4331	Rck45	390	9.461e+005
4707	4363	4332	4331	4362	Rck45	390	9.461e+005
4708	4394	4363	4362	4393	Rck45	390	9.461e+005
4709	4425	4394	4393	4424	Rck45	390	9.461e+005
4710	4456	4425	4424	4455	Rck45	390	9.461e+005
4711	4487	4456	4455	4486	Rck45	390	9.461e+005
4712	4518	4487	4486	4517	Rck45	390	9.461e+005
4713	4549	4518	4517	4548	Rck45	390	9.461e+005
4714	4580	4549	4548	4579	Rck45	390	9.461e+005
4715	4611	4580	4579	4610	Rck45	390	9.461e+005
4716	4641	4611	4610	4640	Rck45	390	9.461e+005
4717	4670	4641	4640	4669	Rck45	390	9.461e+005
4718	4698	4670	4669	4697	Rck45	390	9.461e+005
4719	4728	4698	4697	4727	Rck45	390	9.461e+005
4720	4758	4728	4727	4757	Rck45	390	9.461e+005
4721	4789	4758	4757	4788	Rck45	390	9.461e+005
4722	4820	4789	4788	4819	Rck45	390	9.461e+005
4723	4850	4820	4819	4849	Rck45	390	9.461e+005
4724	4880	4850	4849	4879	Rck45	390	9.461e+005
4725	4911	4880	4879	4910	Rck45	390	9.461e+005
4726	4941	4911	4910	4940	Rck45	390	9.461e+005
4727	4971	4941	4940	4970	Rck45	390	9.461e+005
4728	5001	4971	4970	5000	Rck45	390	9.461e+005
4729	5031	5001	5000	5030	Rck45	390	9.461e+005
4730	5062	5031	5030	5061	Rck45	390	9.461e+005
4731	5092	5062	5061	5091	Rck45	390	9.461e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl


4732	5122	5092	5091	5121	Rck45	390	9.461e+005
4733	5152	5122	5121	5151	Rck45	390	9.461e+005
4734	5184	5152	5151	5183	Rck45	390	9.461e+005
4735	5218	5184	5183	5217	Rck45	390	9.461e+005
4736	5251	5218	5217	5250	Rck45	390	9.461e+005
4737	5284	5251	5250	5283	Rck45	390	9.461e+005
4738	5318	5284	5283	5317	Rck45	390	9.461e+005
4739	5351	5318	5317	5350	Rck45	390	9.461e+005
4740	5384	5351	5350	5383	Rck45	390	9.461e+005
4741	5417	5384	5383	5416	Rck45	390	9.461e+005
4742	5451	5417	5416	5450	Rck45	390	9.461e+005
4743	5484	5451	5450	5483	Rck45	390	9.461e+005
4744	5517	5484	5483	5516	Rck45	390	9.461e+005
4745	5551	5517	5516	5550	Rck45	390	9.461e+005
4746	5587	5551	5550	5586	Rck45	390	9.461e+005
4747	5620	5587	5586	5619	Rck45	390	9.461e+005
4748	5654	5620	5619	5653	Rck45	390	9.461e+005
4749	5688	5654	5653	5687	Rck45	390	9.461e+005
4750	5724	5688	5687	5723	Rck45	390	9.461e+005
4751	5758	5724	5723	5757	Rck45	390	9.461e+005
4752	5791	5758	5757	5790	Rck45	390	9.461e+005
4753	5825	5791	5790	5824	Rck45	390	9.461e+005
4754	5860	5825	5824	5859	Rck45	390	9.461e+005
4755	5896	5860	5859	5895	Rck45	390	1.002e+006
4756	5931	5896	5895	5930	Rck45	390	7.025e+005
4757	5967	5931	5930	5966	Rck45	390	7.587e+005
4758	5990	5967	5966	5989	Rck45	390	7.587e+005
4759	6012	5990	5989	6011	Rck45	390	7.025e+005
4760	6034	6012	6011	6033	Rck45	390	1.002e+006
4761	3381	3359	3358	3380	Rck45	1000	3.536e+005
4762	3403	3381	3380	3402	Rck45	1000	2.479e+005
4763	3434	3403	3402	3433	Rck45	1000	2.677e+005
4764	3465	3434	3433	3464	Rck45	1000	2.677e+005
4765	3496	3465	3464	3495	Rck45	1000	2.479e+005
4766	3527	3496	3495	3526	Rck45	1000	3.536e+005
4767	3558	3527	3526	3557	Rck45	1000	3.338e+005
4768	3589	3558	3557	3588	Rck45	1000	3.338e+005
4769	3620	3589	3588	3619	Rck45	1000	3.338e+005
4770	3651	3620	3619	3650	Rck45	1000	3.338e+005
4771	3682	3651	3650	3681	Rck45	1000	3.338e+005
4772	3713	3682	3681	3712	Rck45	1000	3.338e+005
4773	3744	3713	3712	3743	Rck45	1000	3.338e+005
4774	3775	3744	3743	3774	Rck45	1000	3.338e+005
4775	3806	3775	3774	3805	Rck45	1000	3.338e+005
4776	3837	3806	3805	3836	Rck45	1000	3.338e+005
4777	3868	3837	3836	3867	Rck45	1000	3.338e+005
4778	3899	3868	3867	3898	Rck45	1000	3.338e+005
4779	3930	3899	3898	3929	Rck45	1000	3.338e+005
4780	3961	3930	3929	3960	Rck45	1000	3.338e+005
4781	3992	3961	3960	3991	Rck45	1000	3.338e+005
4782	4023	3992	3991	4022	Rck45	1000	3.338e+005
4783	4054	4023	4022	4053	Rck45	1000	3.338e+005
4784	4085	4054	4053	4084	Rck45	1000	3.338e+005
4785	4116	4085	4084	4115	Rck45	1000	3.338e+005
4786	4147	4116	4115	4146	Rck45	1000	3.338e+005
4787	4178	4147	4146	4177	Rck45	1000	3.338e+005
4788	4209	4178	4177	4208	Rck45	1000	3.338e+005
4789	4240	4209	4208	4239	Rck45	1000	3.338e+005
4790	4271	4240	4239	4270	Rck45	1000	3.338e+005
4791	4302	4271	4270	4301	Rck45	1000	3.338e+005
4792	4333	4302	4301	4332	Rck45	1000	3.338e+005
4793	4364	4333	4332	4363	Rck45	1000	3.338e+005
4794	4395	4364	4363	4394	Rck45	1000	3.338e+005
4795	4426	4395	4394	4425	Rck45	1000	3.338e+005
4796	4457	4426	4425	4456	Rck45	1000	3.338e+005
4797	4488	4457	4456	4487	Rck45	1000	3.338e+005
4798	4519	4488	4487	4518	Rck45	1000	3.338e+005
4799	4550	4519	4518	4549	Rck45	1000	3.338e+005
4800	4581	4550	4549	4580	Rck45	1000	3.338e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4801	4612	4581	4580	4611	Rck45	1000	3.338e+005
4802	4642	4612	4611	4641	Rck45	1000	3.338e+005
4803	4671	4642	4641	4670	Rck45	1000	3.338e+005
4804	4699	4671	4670	4698	Rck45	1000	3.338e+005
4805	4729	4699	4698	4728	Rck45	1000	3.338e+005
4806	4759	4729	4728	4758	Rck45	1000	3.338e+005
4807	4790	4759	4758	4789	Rck45	1000	3.338e+005
4808	4821	4790	4789	4820	Rck45	1000	3.338e+005
4809	4851	4821	4820	4850	Rck45	1000	3.338e+005
4810	4881	4851	4850	4880	Rck45	1000	3.338e+005
4811	4912	4881	4880	4911	Rck45	1000	3.338e+005
4812	4942	4912	4911	4941	Rck45	1000	3.338e+005
4813	4972	4942	4941	4971	Rck45	1000	3.338e+005
4814	5002	4972	4971	5001	Rck45	1000	3.338e+005
4815	5032	5002	5001	5031	Rck45	1000	3.338e+005
4816	5063	5032	5031	5062	Rck45	1000	3.338e+005
4817	5093	5063	5062	5092	Rck45	1000	3.338e+005
4818	5123	5093	5092	5122	Rck45	1000	3.338e+005
4819	5153	5123	5122	5152	Rck45	1000	3.338e+005
4820	5185	5153	5152	5184	Rck45	1000	3.338e+005
4821	5219	5185	5184	5218	Rck45	1000	3.338e+005
4822	5252	5219	5218	5251	Rck45	1000	3.338e+005
4823	5285	5252	5251	5284	Rck45	1000	3.338e+005
4824	5319	5285	5284	5318	Rck45	1000	3.338e+005
4825	5352	5319	5318	5351	Rck45	1000	3.338e+005
4826	5385	5352	5351	5384	Rck45	1000	3.338e+005
4827	5418	5385	5384	5417	Rck45	1000	3.338e+005
4828	5452	5418	5417	5451	Rck45	1000	3.338e+005
4829	5485	5452	5451	5484	Rck45	1000	3.338e+005
4830	5518	5485	5484	5517	Rck45	1000	3.338e+005
4831	5552	5518	5517	5551	Rck45	1000	3.338e+005
4832	5588	5552	5551	5587	Rck45	1000	3.338e+005
4833	5621	5588	5587	5620	Rck45	1000	3.338e+005
4834	5655	5621	5620	5654	Rck45	1000	3.338e+005
4835	5689	5655	5654	5688	Rck45	1000	3.338e+005
4836	5725	5689	5688	5724	Rck45	1000	3.338e+005
4837	5759	5725	5724	5758	Rck45	1000	3.338e+005
4838	5792	5759	5758	5791	Rck45	1000	3.338e+005
4839	5826	5792	5791	5825	Rck45	1000	3.338e+005
4840	5861	5826	5825	5860	Rck45	1000	3.338e+005
4841	5897	5861	5860	5896	Rck45	1000	3.536e+005
4842	5932	5897	5896	5931	Rck45	1000	2.479e+005
4843	5968	5932	5931	5967	Rck45	1000	2.677e+005
4844	5991	5968	5967	5990	Rck45	1000	2.677e+005
4845	6013	5991	5990	6012	Rck45	1000	2.479e+005
4846	6035	6013	6012	6034	Rck45	1000	3.536e+005
4847	3382	3360	3359	3381	Rck45	430	9.394e+005
4848	3404	3382	3381	3403	Rck45	430	6.585e+005
4849	3435	3404	3403	3434	Rck45	430	7.112e+005
4850	3466	3435	3434	3465	Rck45	430	7.112e+005
4851	3497	3466	3465	3496	Rck45	430	6.585e+005
4852	3528	3497	3496	3527	Rck45	430	9.394e+005
4853	3559	3528	3527	3558	Rck45	430	8.868e+005
4854	3590	3559	3558	3589	Rck45	430	8.868e+005
4855	3621	3590	3589	3620	Rck45	430	8.868e+005
4856	3652	3621	3620	3651	Rck45	430	8.868e+005
4857	3683	3652	3651	3682	Rck45	430	8.868e+005
4858	3714	3683	3682	3713	Rck45	430	8.868e+005
4859	3745	3714	3713	3744	Rck45	430	8.868e+005
4860	3776	3745	3744	3775	Rck45	430	8.868e+005
4861	3807	3776	3775	3806	Rck45	430	8.868e+005
4862	3838	3807	3806	3837	Rck45	430	8.868e+005
4863	3869	3838	3837	3868	Rck45	430	8.868e+005
4864	3900	3869	3868	3899	Rck45	430	8.868e+005
4865	3931	3900	3899	3930	Rck45	430	8.868e+005
4866	3962	3931	3930	3961	Rck45	430	8.868e+005
4867	3993	3962	3961	3992	Rck45	430	8.868e+005
4868	4024	3993	3992	4023	Rck45	430	8.868e+005
4869	4055	4024	4023	4054	Rck45	430	8.868e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4870	4086	4055	4054	4085	Rck45	430	8.868e+005
4871	4117	4086	4085	4116	Rck45	430	8.868e+005
4872	4148	4117	4116	4147	Rck45	430	8.868e+005
4873	4179	4148	4147	4178	Rck45	430	8.868e+005
4874	4210	4179	4178	4209	Rck45	430	8.868e+005
4875	4241	4210	4209	4240	Rck45	430	8.868e+005
4876	4272	4241	4240	4271	Rck45	430	8.868e+005
4877	4303	4272	4271	4302	Rck45	430	8.868e+005
4878	4334	4303	4302	4333	Rck45	430	8.868e+005
4879	4365	4334	4333	4364	Rck45	430	8.868e+005
4880	4396	4365	4364	4395	Rck45	430	8.868e+005
4881	4427	4396	4395	4426	Rck45	430	8.868e+005
4882	4458	4427	4426	4457	Rck45	430	8.868e+005
4883	4489	4458	4457	4488	Rck45	430	8.868e+005
4884	4520	4489	4488	4519	Rck45	430	8.868e+005
4885	4551	4520	4519	4550	Rck45	430	8.868e+005
4886	4582	4551	4550	4581	Rck45	430	8.868e+005
4887	4613	4582	4581	4612	Rck45	430	8.868e+005
4888	4643	4613	4612	4642	Rck45	430	8.868e+005
4889	4672	4643	4642	4671	Rck45	430	8.868e+005
4890	4700	4672	4671	4699	Rck45	430	8.868e+005
4891	4730	4700	4699	4729	Rck45	430	8.868e+005
4892	4760	4730	4729	4759	Rck45	430	8.868e+005
4893	4791	4760	4759	4790	Rck45	430	8.868e+005
4894	4822	4791	4790	4821	Rck45	430	8.868e+005
4895	4852	4822	4821	4851	Rck45	430	8.868e+005
4896	4882	4852	4851	4881	Rck45	430	8.868e+005
4897	4913	4882	4881	4912	Rck45	430	8.868e+005
4898	4943	4913	4912	4942	Rck45	430	8.868e+005
4899	4973	4943	4942	4972	Rck45	430	8.868e+005
4900	5003	4973	4972	5002	Rck45	430	8.868e+005
4901	5033	5003	5002	5032	Rck45	430	8.868e+005
4902	5064	5033	5032	5063	Rck45	430	8.868e+005
4903	5094	5064	5063	5093	Rck45	430	8.868e+005
4904	5124	5094	5093	5123	Rck45	430	8.868e+005
4905	5154	5124	5123	5153	Rck45	430	8.868e+005
4906	5186	5154	5153	5185	Rck45	430	8.868e+005
4907	5220	5186	5185	5219	Rck45	430	8.868e+005
4908	5253	5220	5219	5252	Rck45	430	8.868e+005
4909	5286	5253	5252	5285	Rck45	430	8.868e+005
4910	5320	5286	5285	5319	Rck45	430	8.868e+005
4911	5353	5320	5319	5352	Rck45	430	8.868e+005
4912	5386	5353	5352	5385	Rck45	430	8.868e+005
4913	5419	5386	5385	5418	Rck45	430	8.868e+005
4914	5453	5419	5418	5452	Rck45	430	8.868e+005
4915	5486	5453	5452	5485	Rck45	430	8.868e+005
4916	5519	5486	5485	5518	Rck45	430	8.868e+005
4917	5553	5519	5518	5552	Rck45	430	8.868e+005
4918	5589	5553	5552	5588	Rck45	430	8.868e+005
4919	5622	5589	5588	5621	Rck45	430	8.868e+005
4920	5656	5622	5621	5655	Rck45	430	8.868e+005
4921	5690	5656	5655	5689	Rck45	430	8.868e+005
4922	5726	5690	5689	5725	Rck45	430	8.868e+005
4923	5760	5726	5725	5759	Rck45	430	8.868e+005
4924	5793	5760	5759	5792	Rck45	430	8.868e+005
4925	5827	5793	5792	5826	Rck45	430	8.868e+005
4926	5862	5827	5826	5861	Rck45	430	8.868e+005
4927	5898	5862	5861	5897	Rck45	430	9.394e+005
4928	5933	5898	5897	5932	Rck45	430	6.585e+005
4929	5969	5933	5932	5968	Rck45	430	7.112e+005
4930	5992	5969	5968	5991	Rck45	430	7.112e+005
4931	6014	5992	5991	6013	Rck45	430	6.585e+005
4932	6036	6014	6013	6035	Rck45	430	9.394e+005
4933	3383	3361	3360	3382	Rck45	320	6.719e+005
4934	3405	3383	3382	3404	Rck45	320	4.71e+005
4935	3436	3405	3404	3435	Rck45	320	5.087e+005
4936	3467	3436	3435	3466	Rck45	320	5.087e+005
4937	3498	3467	3466	3497	Rck45	320	4.71e+005
4938	3529	3498	3497	3528	Rck45	320	6.719e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

4939	3560	3529	3528	3559	Rck45	320	6.343e+005
4940	3591	3560	3559	3590	Rck45	320	6.343e+005
4941	3622	3591	3590	3621	Rck45	320	6.343e+005
4942	3653	3622	3621	3652	Rck45	320	6.343e+005
4943	3684	3653	3652	3683	Rck45	320	6.343e+005
4944	3715	3684	3683	3714	Rck45	320	6.343e+005
4945	3746	3715	3714	3745	Rck45	320	6.343e+005
4946	3777	3746	3745	3776	Rck45	320	6.343e+005
4947	3808	3777	3776	3807	Rck45	320	6.343e+005
4948	3839	3808	3807	3838	Rck45	320	6.343e+005
4949	3870	3839	3838	3869	Rck45	320	6.343e+005
4950	3901	3870	3869	3900	Rck45	320	6.343e+005
4951	3932	3901	3900	3931	Rck45	320	6.343e+005
4952	3963	3932	3931	3962	Rck45	320	6.343e+005
4953	3994	3963	3962	3993	Rck45	320	6.343e+005
4954	4025	3994	3993	4024	Rck45	320	6.343e+005
4955	4056	4025	4024	4055	Rck45	320	6.343e+005
4956	4087	4056	4055	4086	Rck45	320	6.343e+005
4957	4118	4087	4086	4117	Rck45	320	6.343e+005
4958	4149	4118	4117	4148	Rck45	320	6.343e+005
4959	4180	4149	4148	4179	Rck45	320	6.343e+005
4960	4211	4180	4179	4210	Rck45	320	6.343e+005
4961	4242	4211	4210	4241	Rck45	320	6.343e+005
4962	4273	4242	4241	4272	Rck45	320	6.343e+005
4963	4304	4273	4272	4303	Rck45	320	6.343e+005
4964	4335	4304	4303	4334	Rck45	320	6.343e+005
4965	4366	4335	4334	4365	Rck45	320	6.343e+005
4966	4397	4366	4365	4396	Rck45	320	6.343e+005
4967	4428	4397	4396	4427	Rck45	320	6.343e+005
4968	4459	4428	4427	4458	Rck45	320	6.343e+005
4969	4490	4459	4458	4489	Rck45	320	6.343e+005
4970	4521	4490	4489	4520	Rck45	320	6.343e+005
4971	4552	4521	4520	4551	Rck45	320	6.343e+005
4972	4583	4552	4551	4582	Rck45	320	6.343e+005
4973	4614	4583	4582	4613	Rck45	320	6.343e+005
4974	4644	4614	4613	4643	Rck45	320	6.343e+005
4975	4673	4644	4643	4672	Rck45	320	6.343e+005
4976	4701	4673	4672	4700	Rck45	320	6.343e+005
4977	4731	4701	4700	4730	Rck45	320	6.343e+005
4978	4761	4731	4730	4760	Rck45	320	6.343e+005
4979	4792	4761	4760	4791	Rck45	320	6.343e+005
4980	4823	4792	4791	4822	Rck45	320	6.343e+005
4981	4853	4823	4822	4852	Rck45	320	6.343e+005
4982	4883	4853	4852	4882	Rck45	320	6.343e+005
4983	4914	4883	4882	4913	Rck45	320	6.343e+005
4984	4944	4914	4913	4943	Rck45	320	6.343e+005
4985	4974	4944	4943	4973	Rck45	320	6.343e+005
4986	5004	4974	4973	5003	Rck45	320	6.343e+005
4987	5034	5004	5003	5033	Rck45	320	6.343e+005
4988	5065	5034	5033	5064	Rck45	320	6.343e+005
4989	5095	5065	5064	5094	Rck45	320	6.343e+005
4990	5125	5095	5094	5124	Rck45	320	6.343e+005
4991	5155	5125	5124	5154	Rck45	320	6.343e+005
4992	5187	5155	5154	5186	Rck45	320	6.343e+005
4993	5221	5187	5186	5220	Rck45	320	6.343e+005
4994	5254	5221	5220	5253	Rck45	320	6.343e+005
4995	5287	5254	5253	5286	Rck45	320	6.343e+005
4996	5321	5287	5286	5320	Rck45	320	6.343e+005
4997	5354	5321	5320	5353	Rck45	320	6.343e+005
4998	5387	5354	5353	5386	Rck45	320	6.343e+005
4999	5420	5387	5386	5419	Rck45	320	6.343e+005
5000	5454	5420	5419	5453	Rck45	320	6.343e+005
5001	5487	5454	5453	5486	Rck45	320	6.343e+005
5002	5520	5487	5486	5519	Rck45	320	6.343e+005
5003	5554	5520	5519	5553	Rck45	320	6.343e+005
5004	5590	5554	5553	5589	Rck45	320	6.343e+005
5005	5623	5590	5589	5622	Rck45	320	6.343e+005
5006	5657	5623	5622	5656	Rck45	320	6.343e+005
5007	5691	5657	5656	5690	Rck45	320	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5008	5727	5691	5690	5726	Rck45	320	6.343e+005
5009	5761	5727	5726	5760	Rck45	320	6.343e+005
5010	5794	5761	5760	5793	Rck45	320	6.343e+005
5011	5828	5794	5793	5827	Rck45	320	6.343e+005
5012	5863	5828	5827	5862	Rck45	320	6.343e+005
5013	5899	5863	5862	5898	Rck45	320	6.719e+005
5014	5934	5899	5898	5933	Rck45	320	4.71e+005
5015	5970	5934	5933	5969	Rck45	320	5.087e+005
5016	5993	5970	5969	5992	Rck45	320	5.087e+005
5017	6015	5993	5992	6014	Rck45	320	4.71e+005
5018	6037	6015	6014	6036	Rck45	320	6.719e+005
5019	3384	3362	3361	3383	Rck45	260	5.382e+005
5020	3406	3384	3383	3405	Rck45	260	3.772e+005
5021	3437	3406	3405	3436	Rck45	260	4.074e+005
5022	3468	3437	3436	3467	Rck45	260	4.074e+005
5023	3499	3468	3467	3498	Rck45	260	3.772e+005
5024	3530	3499	3498	3529	Rck45	260	5.382e+005
5025	3561	3530	3529	3560	Rck45	260	5.08e+005
5026	3592	3561	3560	3591	Rck45	260	5.08e+005
5027	3623	3592	3591	3622	Rck45	260	5.08e+005
5028	3654	3623	3622	3653	Rck45	260	5.08e+005
5029	3685	3654	3653	3684	Rck45	260	5.08e+005
5030	3716	3685	3684	3715	Rck45	260	5.08e+005
5031	3747	3716	3715	3746	Rck45	260	5.08e+005
5032	3778	3747	3746	3777	Rck45	260	5.08e+005
5033	3809	3778	3777	3808	Rck45	260	5.08e+005
5034	3840	3809	3808	3839	Rck45	260	5.08e+005
5035	3871	3840	3839	3870	Rck45	260	5.08e+005
5036	3902	3871	3870	3901	Rck45	260	5.08e+005
5037	3933	3902	3901	3932	Rck45	260	5.08e+005
5038	3964	3933	3932	3963	Rck45	260	5.08e+005
5039	3995	3964	3963	3994	Rck45	260	5.08e+005
5040	4026	3995	3994	4025	Rck45	260	5.08e+005
5041	4057	4026	4025	4056	Rck45	260	5.08e+005
5042	4088	4057	4056	4087	Rck45	260	5.08e+005
5043	4119	4088	4087	4118	Rck45	260	5.08e+005
5044	4150	4119	4118	4149	Rck45	260	5.08e+005
5045	4181	4150	4149	4180	Rck45	260	5.08e+005
5046	4212	4181	4180	4211	Rck45	260	5.08e+005
5047	4243	4212	4211	4242	Rck45	260	5.08e+005
5048	4274	4243	4242	4273	Rck45	260	5.08e+005
5049	4305	4274	4273	4304	Rck45	260	5.08e+005
5050	4336	4305	4304	4335	Rck45	260	5.08e+005
5051	4367	4336	4335	4366	Rck45	260	5.08e+005
5052	4398	4367	4366	4397	Rck45	260	5.08e+005
5053	4429	4398	4397	4428	Rck45	260	5.08e+005
5054	4460	4429	4428	4459	Rck45	260	5.08e+005
5055	4491	4460	4459	4490	Rck45	260	5.08e+005
5056	4522	4491	4490	4521	Rck45	260	5.08e+005
5057	4553	4522	4521	4552	Rck45	260	5.08e+005
5058	4584	4553	4552	4583	Rck45	260	5.08e+005
5059	4615	4584	4583	4614	Rck45	260	5.08e+005
5060	4645	4615	4614	4644	Rck45	260	5.08e+005
5061	4674	4645	4644	4673	Rck45	260	5.08e+005
5062	4702	4674	4673	4701	Rck45	260	5.08e+005
5063	4732	4702	4701	4731	Rck45	260	5.08e+005
5064	4762	4732	4731	4761	Rck45	260	5.08e+005
5065	4793	4762	4761	4792	Rck45	260	5.08e+005
5066	4824	4793	4792	4823	Rck45	260	5.08e+005
5067	4854	4824	4823	4853	Rck45	260	5.08e+005
5068	4884	4854	4853	4883	Rck45	260	5.08e+005
5069	4915	4884	4883	4914	Rck45	260	5.08e+005
5070	4945	4915	4914	4944	Rck45	260	5.08e+005
5071	4975	4945	4944	4974	Rck45	260	5.08e+005
5072	5005	4975	4974	5004	Rck45	260	5.08e+005
5073	5035	5005	5004	5034	Rck45	260	5.08e+005
5074	5066	5035	5034	5065	Rck45	260	5.08e+005
5075	5096	5066	5065	5095	Rck45	260	5.08e+005
5076	5126	5096	5095	5125	Rck45	260	5.08e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

5077	5156	5126	5125	5155	Rck45	260	5.08e+005
5078	5188	5156	5155	5187	Rck45	260	5.08e+005
5079	5222	5188	5187	5221	Rck45	260	5.08e+005
5080	5255	5222	5221	5254	Rck45	260	5.08e+005
5081	5288	5255	5254	5287	Rck45	260	5.08e+005
5082	5322	5288	5287	5321	Rck45	260	5.08e+005
5083	5355	5322	5321	5354	Rck45	260	5.08e+005
5084	5388	5355	5354	5387	Rck45	260	5.08e+005
5085	5421	5388	5387	5420	Rck45	260	5.08e+005
5086	5455	5421	5420	5454	Rck45	260	5.08e+005
5087	5488	5455	5454	5487	Rck45	260	5.08e+005
5088	5521	5488	5487	5520	Rck45	260	5.08e+005
5089	5555	5521	5520	5554	Rck45	260	5.08e+005
5090	5591	5555	5554	5590	Rck45	260	5.08e+005
5091	5624	5591	5590	5623	Rck45	260	5.08e+005
5092	5658	5624	5623	5657	Rck45	260	5.08e+005
5093	5692	5658	5657	5691	Rck45	260	5.08e+005
5094	5728	5692	5691	5727	Rck45	260	5.08e+005
5095	5762	5728	5727	5761	Rck45	260	5.08e+005
5096	5795	5762	5761	5794	Rck45	260	5.08e+005
5097	5829	5795	5794	5828	Rck45	260	5.08e+005
5098	5864	5829	5828	5863	Rck45	260	5.08e+005
5099	5900	5864	5863	5899	Rck45	260	5.382e+005
5100	5935	5900	5899	5934	Rck45	260	3.772e+005
5101	5971	5935	5934	5970	Rck45	260	4.074e+005
5102	5994	5971	5970	5993	Rck45	260	4.074e+005
5103	6016	5994	5993	6015	Rck45	260	3.772e+005
5104	6038	6016	6015	6037	Rck45	260	5.382e+005
5105	3385	3363	3362	3384	Rck45	260	5.074e+005
5106	3407	3385	3384	3406	Rck45	260	3.557e+005
5107	3438	3407	3406	3437	Rck45	260	3.841e+005
5108	3469	3438	3437	3468	Rck45	260	3.841e+005
5109	3500	3469	3468	3499	Rck45	260	3.557e+005
5110	3531	3500	3499	3530	Rck45	260	5.074e+005
5111	3562	3531	3530	3561	Rck45	260	4.79e+005
5112	3593	3562	3561	3592	Rck45	260	4.79e+005
5113	3624	3593	3592	3623	Rck45	260	4.79e+005
5114	3655	3624	3623	3654	Rck45	260	4.79e+005
5115	3686	3655	3654	3685	Rck45	260	4.79e+005
5116	3717	3686	3685	3716	Rck45	260	4.79e+005
5117	3748	3717	3716	3747	Rck45	260	4.79e+005
5118	3779	3748	3747	3778	Rck45	260	4.79e+005
5119	3810	3779	3778	3809	Rck45	260	4.79e+005
5120	3841	3810	3809	3840	Rck45	260	4.79e+005
5121	3872	3841	3840	3871	Rck45	260	4.79e+005
5122	3903	3872	3871	3902	Rck45	260	4.79e+005
5123	3934	3903	3902	3933	Rck45	260	4.79e+005
5124	3965	3934	3933	3964	Rck45	260	4.79e+005
5125	3996	3965	3964	3995	Rck45	260	4.79e+005
5126	4027	3996	3995	4026	Rck45	260	4.79e+005
5127	4058	4027	4026	4057	Rck45	260	4.79e+005
5128	4089	4058	4057	4088	Rck45	260	4.79e+005
5129	4120	4089	4088	4119	Rck45	260	4.79e+005
5130	4151	4120	4119	4150	Rck45	260	4.79e+005
5131	4182	4151	4150	4181	Rck45	260	4.79e+005
5132	4213	4182	4181	4212	Rck45	260	4.79e+005
5133	4244	4213	4212	4243	Rck45	260	4.79e+005
5134	4275	4244	4243	4274	Rck45	260	4.79e+005
5135	4306	4275	4274	4305	Rck45	260	4.79e+005
5136	4337	4306	4305	4336	Rck45	260	4.79e+005
5137	4368	4337	4336	4367	Rck45	260	4.79e+005
5138	4399	4368	4367	4398	Rck45	260	4.79e+005
5139	4430	4399	4398	4429	Rck45	260	4.79e+005
5140	4461	4430	4429	4460	Rck45	260	4.79e+005
5141	4492	4461	4460	4491	Rck45	260	4.79e+005
5142	4523	4492	4491	4522	Rck45	260	4.79e+005
5143	4554	4523	4522	4553	Rck45	260	4.79e+005
5144	4585	4554	4553	4584	Rck45	260	4.79e+005
5145	4616	4585	4584	4615	Rck45	260	4.79e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

5146	4646	4616	4615	4645	Rck45	260	4.79e+005
5147	4675	4646	4645	4674	Rck45	260	4.79e+005
5148	4703	4675	4674	4702	Rck45	260	4.79e+005
5149	4733	4703	4702	4732	Rck45	260	4.79e+005
5150	4763	4733	4732	4762	Rck45	260	4.79e+005
5151	4794	4763	4762	4793	Rck45	260	4.79e+005
5152	4825	4794	4793	4824	Rck45	260	4.79e+005
5153	4855	4825	4824	4854	Rck45	260	4.79e+005
5154	4885	4855	4854	4884	Rck45	260	4.79e+005
5155	4916	4885	4884	4915	Rck45	260	4.79e+005
5156	4946	4916	4915	4945	Rck45	260	4.79e+005
5157	4976	4946	4945	4975	Rck45	260	4.79e+005
5158	5006	4976	4975	5005	Rck45	260	4.79e+005
5159	5036	5006	5005	5035	Rck45	260	4.79e+005
5160	5067	5036	5035	5066	Rck45	260	4.79e+005
5161	5097	5067	5066	5096	Rck45	260	4.79e+005
5162	5127	5097	5096	5126	Rck45	260	4.79e+005
5163	5157	5127	5126	5156	Rck45	260	4.79e+005
5164	5189	5157	5156	5188	Rck45	260	4.79e+005
5165	5223	5189	5188	5222	Rck45	260	4.79e+005
5166	5256	5223	5222	5255	Rck45	260	4.79e+005
5167	5289	5256	5255	5288	Rck45	260	4.79e+005
5168	5323	5289	5288	5322	Rck45	260	4.79e+005
5169	5356	5323	5322	5355	Rck45	260	4.79e+005
5170	5389	5356	5355	5388	Rck45	260	4.79e+005
5171	5422	5389	5388	5421	Rck45	260	4.79e+005
5172	5456	5422	5421	5455	Rck45	260	4.79e+005
5173	5489	5456	5455	5488	Rck45	260	4.79e+005
5174	5522	5489	5488	5521	Rck45	260	4.79e+005
5175	5556	5522	5521	5555	Rck45	260	4.79e+005
5176	5592	5556	5555	5591	Rck45	260	4.79e+005
5177	5625	5592	5591	5624	Rck45	260	4.79e+005
5178	5659	5625	5624	5658	Rck45	260	4.79e+005
5179	5693	5659	5658	5692	Rck45	260	4.79e+005
5180	5729	5693	5692	5728	Rck45	260	4.79e+005
5181	5763	5729	5728	5762	Rck45	260	4.79e+005
5182	5796	5763	5762	5795	Rck45	260	4.79e+005
5183	5830	5796	5795	5829	Rck45	260	4.79e+005
5184	5865	5830	5829	5864	Rck45	260	4.79e+005
5185	5901	5865	5864	5900	Rck45	260	5.074e+005
5186	5936	5901	5900	5935	Rck45	260	3.557e+005
5187	5972	5936	5935	5971	Rck45	260	3.841e+005
5188	5995	5972	5971	5994	Rck45	260	3.841e+005
5189	6017	5995	5994	6016	Rck45	260	3.557e+005
5190	6039	6017	6016	6038	Rck45	260	5.074e+005
5191	3386	3364	3363	3385	Rck45	260	9.702e+005
5192	3408	3386	3385	3407	Rck45	260	6.8e+005
5193	3439	3408	3407	3438	Rck45	260	7.344e+005
5194	3470	3439	3438	3469	Rck45	260	7.344e+005
5195	3501	3470	3469	3500	Rck45	260	6.8e+005
5196	3532	3501	3500	3531	Rck45	260	9.702e+005
5197	3563	3532	3531	3562	Rck45	260	9.158e+005
5198	3594	3563	3562	3593	Rck45	260	9.158e+005
5199	3625	3594	3593	3624	Rck45	260	9.158e+005
5200	3656	3625	3624	3655	Rck45	260	9.158e+005
5201	3687	3656	3655	3686	Rck45	260	9.158e+005
5202	3718	3687	3686	3717	Rck45	260	9.158e+005
5203	3749	3718	3717	3748	Rck45	260	9.158e+005
5204	3780	3749	3748	3779	Rck45	260	9.158e+005
5205	3811	3780	3779	3810	Rck45	260	9.158e+005
5206	3842	3811	3810	3841	Rck45	260	9.158e+005
5207	3873	3842	3841	3872	Rck45	260	9.158e+005
5208	3904	3873	3872	3903	Rck45	260	9.158e+005
5209	3935	3904	3903	3934	Rck45	260	9.158e+005
5210	3966	3935	3934	3965	Rck45	260	9.158e+005
5211	3997	3966	3965	3996	Rck45	260	9.158e+005
5212	4028	3997	3996	4027	Rck45	260	9.158e+005
5213	4059	4028	4027	4058	Rck45	260	9.158e+005
5214	4090	4059	4058	4089	Rck45	260	9.158e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

5215	4121	4090	4089	4120	Rck45	260	9.158e+005
5216	4152	4121	4120	4151	Rck45	260	9.158e+005
5217	4183	4152	4151	4182	Rck45	260	9.158e+005
5218	4214	4183	4182	4213	Rck45	260	9.158e+005
5219	4245	4214	4213	4244	Rck45	260	9.158e+005
5220	4276	4245	4244	4275	Rck45	260	9.158e+005
5221	4307	4276	4275	4306	Rck45	260	9.158e+005
5222	4338	4307	4306	4337	Rck45	260	9.158e+005
5223	4369	4338	4337	4368	Rck45	260	9.158e+005
5224	4400	4369	4368	4399	Rck45	260	9.158e+005
5225	4431	4400	4399	4430	Rck45	260	9.158e+005
5226	4462	4431	4430	4461	Rck45	260	9.158e+005
5227	4493	4462	4461	4492	Rck45	260	9.158e+005
5228	4524	4493	4492	4523	Rck45	260	9.158e+005
5229	4555	4524	4523	4554	Rck45	260	9.158e+005
5230	4586	4555	4554	4585	Rck45	260	9.158e+005
5231	4617	4586	4585	4616	Rck45	260	9.158e+005
5232	4647	4617	4616	4646	Rck45	260	9.158e+005
5233	4676	4647	4646	4675	Rck45	260	9.158e+005
5234	4704	4676	4675	4703	Rck45	260	9.158e+005
5235	4734	4704	4703	4733	Rck45	260	9.158e+005
5236	4764	4734	4733	4763	Rck45	260	9.158e+005
5237	4795	4764	4763	4794	Rck45	260	9.158e+005
5238	4826	4795	4794	4825	Rck45	260	9.158e+005
5239	4856	4826	4825	4855	Rck45	260	9.158e+005
5240	4886	4856	4855	4885	Rck45	260	9.158e+005
5241	4917	4886	4885	4916	Rck45	260	9.158e+005
5242	4947	4917	4916	4946	Rck45	260	9.158e+005
5243	4977	4947	4946	4976	Rck45	260	9.158e+005
5244	5007	4977	4976	5006	Rck45	260	9.158e+005
5245	5037	5007	5006	5036	Rck45	260	9.158e+005
5246	5068	5037	5036	5067	Rck45	260	9.158e+005
5247	5098	5068	5067	5097	Rck45	260	9.158e+005
5248	5128	5098	5097	5127	Rck45	260	9.158e+005
5249	5158	5128	5127	5157	Rck45	260	9.158e+005
5250	5190	5158	5157	5189	Rck45	260	9.158e+005
5251	5224	5190	5189	5223	Rck45	260	9.158e+005
5252	5257	5224	5223	5256	Rck45	260	9.158e+005
5253	5290	5257	5256	5289	Rck45	260	9.158e+005
5254	5324	5290	5289	5323	Rck45	260	9.158e+005
5255	5357	5324	5323	5356	Rck45	260	9.158e+005
5256	5390	5357	5356	5389	Rck45	260	9.158e+005
5257	5423	5390	5389	5422	Rck45	260	9.158e+005
5258	5457	5423	5422	5456	Rck45	260	9.158e+005
5259	5490	5457	5456	5489	Rck45	260	9.158e+005
5260	5523	5490	5489	5522	Rck45	260	9.158e+005
5261	5557	5523	5522	5556	Rck45	260	9.158e+005
5262	5593	5557	5556	5592	Rck45	260	9.158e+005
5263	5626	5593	5592	5625	Rck45	260	9.158e+005
5264	5660	5626	5625	5659	Rck45	260	9.158e+005
5265	5694	5660	5659	5693	Rck45	260	9.158e+005
5266	5730	5694	5693	5729	Rck45	260	9.158e+005
5267	5764	5730	5729	5763	Rck45	260	9.158e+005
5268	5797	5764	5763	5796	Rck45	260	9.158e+005
5269	5831	5797	5796	5830	Rck45	260	9.158e+005
5270	5866	5831	5830	5865	Rck45	260	9.158e+005
5271	5902	5866	5865	5901	Rck45	260	9.702e+005
5272	5937	5902	5901	5936	Rck45	260	6.8e+005
5273	5973	5937	5936	5972	Rck45	260	7.344e+005
5274	5996	5973	5972	5995	Rck45	260	7.344e+005
5275	6018	5996	5995	6017	Rck45	260	6.8e+005
5276	6040	6018	6017	6039	Rck45	260	9.702e+005
5277	3387	3365	3364	3386	Rck45	260	6.719e+005
5278	3409	3387	3386	3408	Rck45	260	4.71e+005
5279	3440	3409	3408	3439	Rck45	260	5.087e+005
5280	3471	3440	3439	3470	Rck45	260	5.087e+005
5281	3502	3471	3470	3501	Rck45	260	4.71e+005
5282	3533	3502	3501	3532	Rck45	260	6.719e+005
5283	3564	3533	3532	3563	Rck45	260	6.343e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

5284	3595	3564	3563	3594	Rck45	260	6.343e+005
5285	3626	3595	3594	3625	Rck45	260	6.343e+005
5286	3657	3626	3625	3656	Rck45	260	6.343e+005
5287	3688	3657	3656	3687	Rck45	260	6.343e+005
5288	3719	3688	3687	3718	Rck45	260	6.343e+005
5289	3750	3719	3718	3749	Rck45	260	6.343e+005
5290	3781	3750	3749	3780	Rck45	260	6.343e+005
5291	3812	3781	3780	3811	Rck45	260	6.343e+005
5292	3843	3812	3811	3842	Rck45	260	6.343e+005
5293	3874	3843	3842	3873	Rck45	260	6.343e+005
5294	3905	3874	3873	3904	Rck45	260	6.343e+005
5295	3936	3905	3904	3935	Rck45	260	6.343e+005
5296	3967	3936	3935	3966	Rck45	260	6.343e+005
5297	3998	3967	3966	3997	Rck45	260	6.343e+005
5298	4029	3998	3997	4028	Rck45	260	6.343e+005
5299	4060	4029	4028	4059	Rck45	260	6.343e+005
5300	4091	4060	4059	4090	Rck45	260	6.343e+005
5301	4122	4091	4090	4121	Rck45	260	6.343e+005
5302	4153	4122	4121	4152	Rck45	260	6.343e+005
5303	4184	4153	4152	4183	Rck45	260	6.343e+005
5304	4215	4184	4183	4214	Rck45	260	6.343e+005
5305	4246	4215	4214	4245	Rck45	260	6.343e+005
5306	4277	4246	4245	4276	Rck45	260	6.343e+005
5307	4308	4277	4276	4307	Rck45	260	6.343e+005
5308	4339	4308	4307	4338	Rck45	260	6.343e+005
5309	4370	4339	4338	4369	Rck45	260	6.343e+005
5310	4401	4370	4369	4400	Rck45	260	6.343e+005
5311	4432	4401	4400	4431	Rck45	260	6.343e+005
5312	4463	4432	4431	4462	Rck45	260	6.343e+005
5313	4494	4463	4462	4493	Rck45	260	6.343e+005
5314	4525	4494	4493	4524	Rck45	260	6.343e+005
5315	4556	4525	4524	4555	Rck45	260	6.343e+005
5316	4587	4556	4555	4586	Rck45	260	6.343e+005
5317	4618	4587	4586	4617	Rck45	260	6.343e+005
5318	4648	4618	4617	4647	Rck45	260	6.343e+005
5319	4677	4648	4647	4676	Rck45	260	6.343e+005
5320	4705	4677	4676	4704	Rck45	260	6.343e+005
5321	4735	4705	4704	4734	Rck45	260	6.343e+005
5322	4765	4735	4734	4764	Rck45	260	6.343e+005
5323	4796	4765	4764	4795	Rck45	260	6.343e+005
5324	4827	4796	4795	4826	Rck45	260	6.343e+005
5325	4857	4827	4826	4856	Rck45	260	6.343e+005
5326	4887	4857	4856	4886	Rck45	260	6.343e+005
5327	4918	4887	4886	4917	Rck45	260	6.343e+005
5328	4948	4918	4917	4947	Rck45	260	6.343e+005
5329	4978	4948	4947	4977	Rck45	260	6.343e+005
5330	5008	4978	4977	5007	Rck45	260	6.343e+005
5331	5038	5008	5007	5037	Rck45	260	6.343e+005
5332	5069	5038	5037	5068	Rck45	260	6.343e+005
5333	5099	5069	5068	5098	Rck45	260	6.343e+005
5334	5129	5099	5098	5128	Rck45	260	6.343e+005
5335	5159	5129	5128	5158	Rck45	260	6.343e+005
5336	5191	5159	5158	5190	Rck45	260	6.343e+005
5337	5225	5191	5190	5224	Rck45	260	6.343e+005
5338	5258	5225	5224	5257	Rck45	260	6.343e+005
5339	5291	5258	5257	5290	Rck45	260	6.343e+005
5340	5325	5291	5290	5324	Rck45	260	6.343e+005
5341	5358	5325	5324	5357	Rck45	260	6.343e+005
5342	5391	5358	5357	5390	Rck45	260	6.343e+005
5343	5424	5391	5390	5423	Rck45	260	6.343e+005
5344	5458	5424	5423	5457	Rck45	260	6.343e+005
5345	5491	5458	5457	5490	Rck45	260	6.343e+005
5346	5524	5491	5490	5523	Rck45	260	6.343e+005
5347	5558	5524	5523	5557	Rck45	260	6.343e+005
5348	5594	5558	5557	5593	Rck45	260	6.343e+005
5349	5627	5594	5593	5626	Rck45	260	6.343e+005
5350	5661	5627	5626	5660	Rck45	260	6.343e+005
5351	5695	5661	5660	5694	Rck45	260	6.343e+005
5352	5731	5695	5694	5730	Rck45	260	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5353	5765	5731	5730	5764	Rck45	260	6.343e+005
5354	5798	5765	5764	5797	Rck45	260	6.343e+005
5355	5832	5798	5797	5831	Rck45	260	6.343e+005
5356	5867	5832	5831	5866	Rck45	260	6.343e+005
5357	5903	5867	5866	5902	Rck45	260	6.719e+005
5358	5938	5903	5902	5937	Rck45	260	4.71e+005
5359	5974	5938	5937	5973	Rck45	260	5.087e+005
5360	5997	5974	5973	5996	Rck45	260	5.087e+005
5361	6019	5997	5996	6018	Rck45	260	4.71e+005
5362	6041	6019	6018	6040	Rck45	260	6.719e+005
5363	3388	3366	3365	3387	Rck45	260	6.719e+005
5364	3410	3388	3387	3409	Rck45	260	4.71e+005
5365	3441	3410	3409	3440	Rck45	260	5.087e+005
5366	3472	3441	3440	3471	Rck45	260	5.087e+005
5367	3503	3472	3471	3502	Rck45	260	4.71e+005
5368	3534	3503	3502	3533	Rck45	260	6.719e+005
5369	3565	3534	3533	3564	Rck45	260	6.343e+005
5370	3596	3565	3564	3595	Rck45	260	6.343e+005
5371	3627	3596	3595	3626	Rck45	260	6.343e+005
5372	3658	3627	3626	3657	Rck45	260	6.343e+005
5373	3689	3658	3657	3688	Rck45	260	6.343e+005
5374	3720	3689	3688	3719	Rck45	260	6.343e+005
5375	3751	3720	3719	3750	Rck45	260	6.343e+005
5376	3782	3751	3750	3781	Rck45	260	6.343e+005
5377	3813	3782	3781	3812	Rck45	260	6.343e+005
5378	3844	3813	3812	3843	Rck45	260	6.343e+005
5379	3875	3844	3843	3874	Rck45	260	6.343e+005
5380	3906	3875	3874	3905	Rck45	260	6.343e+005
5381	3937	3906	3905	3936	Rck45	260	6.343e+005
5382	3968	3937	3936	3967	Rck45	260	6.343e+005
5383	3999	3968	3967	3998	Rck45	260	6.343e+005
5384	4030	3999	3998	4029	Rck45	260	6.343e+005
5385	4061	4030	4029	4060	Rck45	260	6.343e+005
5386	4092	4061	4060	4091	Rck45	260	6.343e+005
5387	4123	4092	4091	4122	Rck45	260	6.343e+005
5388	4154	4123	4122	4153	Rck45	260	6.343e+005
5389	4185	4154	4153	4184	Rck45	260	6.343e+005
5390	4216	4185	4184	4215	Rck45	260	6.343e+005
5391	4247	4216	4215	4246	Rck45	260	6.343e+005
5392	4278	4247	4246	4277	Rck45	260	6.343e+005
5393	4309	4278	4277	4308	Rck45	260	6.343e+005
5394	4340	4309	4308	4339	Rck45	260	6.343e+005
5395	4371	4340	4339	4370	Rck45	260	6.343e+005
5396	4402	4371	4370	4401	Rck45	260	6.343e+005
5397	4433	4402	4401	4432	Rck45	260	6.343e+005
5398	4464	4433	4432	4463	Rck45	260	6.343e+005
5399	4495	4464	4463	4494	Rck45	260	6.343e+005
5400	4526	4495	4494	4525	Rck45	260	6.343e+005
5401	4557	4526	4525	4556	Rck45	260	6.343e+005
5402	4588	4557	4556	4587	Rck45	260	6.343e+005
5403	4619	4588	4587	4618	Rck45	260	6.343e+005
5404	4649	4619	4618	4648	Rck45	260	6.343e+005
5405	4678	4649	4648	4677	Rck45	260	6.343e+005
5406	4706	4678	4677	4705	Rck45	260	6.343e+005
5407	4736	4706	4705	4735	Rck45	260	6.343e+005
5408	4766	4736	4735	4765	Rck45	260	6.343e+005
5409	4797	4766	4765	4796	Rck45	260	6.343e+005
5410	4828	4797	4796	4827	Rck45	260	6.343e+005
5411	4858	4828	4827	4857	Rck45	260	6.343e+005
5412	4888	4858	4857	4887	Rck45	260	6.343e+005
5413	4919	4888	4887	4918	Rck45	260	6.343e+005
5414	4949	4919	4918	4948	Rck45	260	6.343e+005
5415	4979	4949	4948	4978	Rck45	260	6.343e+005
5416	5009	4979	4978	5008	Rck45	260	6.343e+005
5417	5039	5009	5008	5038	Rck45	260	6.343e+005
5418	5070	5039	5038	5069	Rck45	260	6.343e+005
5419	5100	5070	5069	5099	Rck45	260	6.343e+005
5420	5130	5100	5099	5129	Rck45	260	6.343e+005
5421	5160	5130	5129	5159	Rck45	260	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	


5422	5192	5160	5159	5191	Rck45	260	6.343e+005
5423	5226	5192	5191	5225	Rck45	260	6.343e+005
5424	5259	5226	5225	5258	Rck45	260	6.343e+005
5425	5292	5259	5258	5291	Rck45	260	6.343e+005
5426	5326	5292	5291	5325	Rck45	260	6.343e+005
5427	5359	5326	5325	5358	Rck45	260	6.343e+005
5428	5392	5359	5358	5391	Rck45	260	6.343e+005
5429	5425	5392	5391	5424	Rck45	260	6.343e+005
5430	5459	5425	5424	5458	Rck45	260	6.343e+005
5431	5492	5459	5458	5491	Rck45	260	6.343e+005
5432	5525	5492	5491	5524	Rck45	260	6.343e+005
5433	5559	5525	5524	5558	Rck45	260	6.343e+005
5434	5595	5559	5558	5594	Rck45	260	6.343e+005
5435	5628	5595	5594	5627	Rck45	260	6.343e+005
5436	5662	5628	5627	5661	Rck45	260	6.343e+005
5437	5696	5662	5661	5695	Rck45	260	6.343e+005
5438	5732	5696	5695	5731	Rck45	260	6.343e+005
5439	5766	5732	5731	5765	Rck45	260	6.343e+005
5440	5799	5766	5765	5798	Rck45	260	6.343e+005
5441	5833	5799	5798	5832	Rck45	260	6.343e+005
5442	5868	5833	5832	5867	Rck45	260	6.343e+005
5443	5904	5868	5867	5903	Rck45	260	6.719e+005
5444	5939	5904	5903	5938	Rck45	260	4.71e+005
5445	5975	5939	5938	5974	Rck45	260	5.087e+005
5446	5998	5975	5974	5997	Rck45	260	5.087e+005
5447	6020	5998	5997	6019	Rck45	260	4.71e+005
5448	6042	6020	6019	6041	Rck45	260	6.719e+005
5449	3389	3367	3366	3388	Rck45	320	6.719e+005
5450	3411	3389	3388	3410	Rck45	320	4.71e+005
5451	3442	3411	3410	3441	Rck45	320	5.087e+005
5452	3473	3442	3441	3472	Rck45	320	5.087e+005
5453	3504	3473	3472	3503	Rck45	320	4.71e+005
5454	3535	3504	3503	3534	Rck45	320	6.719e+005
5455	3566	3535	3534	3565	Rck45	320	6.343e+005
5456	3597	3566	3565	3596	Rck45	320	6.343e+005
5457	3628	3597	3596	3627	Rck45	320	6.343e+005
5458	3659	3628	3627	3658	Rck45	320	6.343e+005
5459	3690	3659	3658	3689	Rck45	320	6.343e+005
5460	3721	3690	3689	3720	Rck45	320	6.343e+005
5461	3752	3721	3720	3751	Rck45	320	6.343e+005
5462	3783	3752	3751	3782	Rck45	320	6.343e+005
5463	3814	3783	3782	3813	Rck45	320	6.343e+005
5464	3845	3814	3813	3844	Rck45	320	6.343e+005
5465	3876	3845	3844	3875	Rck45	320	6.343e+005
5466	3907	3876	3875	3906	Rck45	320	6.343e+005
5467	3938	3907	3906	3937	Rck45	320	6.343e+005
5468	3969	3938	3937	3968	Rck45	320	6.343e+005
5469	4000	3969	3968	3999	Rck45	320	6.343e+005
5470	4031	4000	3999	4030	Rck45	320	6.343e+005
5471	4062	4031	4030	4061	Rck45	320	6.343e+005
5472	4093	4062	4061	4092	Rck45	320	6.343e+005
5473	4124	4093	4092	4123	Rck45	320	6.343e+005
5474	4155	4124	4123	4154	Rck45	320	6.343e+005
5475	4186	4155	4154	4185	Rck45	320	6.343e+005
5476	4217	4186	4185	4216	Rck45	320	6.343e+005
5477	4248	4217	4216	4247	Rck45	320	6.343e+005
5478	4279	4248	4247	4278	Rck45	320	6.343e+005
5479	4310	4279	4278	4309	Rck45	320	6.343e+005
5480	4341	4310	4309	4340	Rck45	320	6.343e+005
5481	4372	4341	4340	4371	Rck45	320	6.343e+005
5482	4403	4372	4371	4402	Rck45	320	6.343e+005
5483	4434	4403	4402	4433	Rck45	320	6.343e+005
5484	4465	4434	4433	4464	Rck45	320	6.343e+005
5485	4496	4465	4464	4495	Rck45	320	6.343e+005
5486	4527	4496	4495	4526	Rck45	320	6.343e+005
5487	4558	4527	4526	4557	Rck45	320	6.343e+005
5488	4589	4558	4557	4588	Rck45	320	6.343e+005
5489	4620	4589	4588	4619	Rck45	320	6.343e+005
5490	4650	4620	4619	4649	Rck45	320	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5491	4679	4650	4649	4678	Rck45	320	6.343e+005
5492	4707	4679	4678	4706	Rck45	320	6.343e+005
5493	4737	4707	4706	4736	Rck45	320	6.343e+005
5494	4767	4737	4736	4766	Rck45	320	6.343e+005
5495	4798	4767	4766	4797	Rck45	320	6.343e+005
5496	4829	4798	4797	4828	Rck45	320	6.343e+005
5497	4859	4829	4828	4858	Rck45	320	6.343e+005
5498	4889	4859	4858	4888	Rck45	320	6.343e+005
5499	4920	4889	4888	4919	Rck45	320	6.343e+005
5500	4950	4920	4919	4949	Rck45	320	6.343e+005
5501	4980	4950	4949	4979	Rck45	320	6.343e+005
5502	5010	4980	4979	5009	Rck45	320	6.343e+005
5503	5040	5010	5009	5039	Rck45	320	6.343e+005
5504	5071	5040	5039	5070	Rck45	320	6.343e+005
5505	5101	5071	5070	5100	Rck45	320	6.343e+005
5506	5131	5101	5100	5130	Rck45	320	6.343e+005
5507	5161	5131	5130	5160	Rck45	320	6.343e+005
5508	5193	5161	5160	5192	Rck45	320	6.343e+005
5509	5227	5193	5192	5226	Rck45	320	6.343e+005
5510	5260	5227	5226	5259	Rck45	320	6.343e+005
5511	5293	5260	5259	5292	Rck45	320	6.343e+005
5512	5327	5293	5292	5326	Rck45	320	6.343e+005
5513	5360	5327	5326	5359	Rck45	320	6.343e+005
5514	5393	5360	5359	5392	Rck45	320	6.343e+005
5515	5426	5393	5392	5425	Rck45	320	6.343e+005
5516	5460	5426	5425	5459	Rck45	320	6.343e+005
5517	5493	5460	5459	5492	Rck45	320	6.343e+005
5518	5526	5493	5492	5525	Rck45	320	6.343e+005
5519	5560	5526	5525	5559	Rck45	320	6.343e+005
5520	5596	5560	5559	5595	Rck45	320	6.343e+005
5521	5629	5596	5595	5628	Rck45	320	6.343e+005
5522	5663	5629	5628	5662	Rck45	320	6.343e+005
5523	5697	5663	5662	5696	Rck45	320	6.343e+005
5524	5733	5697	5696	5732	Rck45	320	6.343e+005
5525	5767	5733	5732	5766	Rck45	320	6.343e+005
5526	5800	5767	5766	5799	Rck45	320	6.343e+005
5527	5834	5800	5799	5833	Rck45	320	6.343e+005
5528	5869	5834	5833	5868	Rck45	320	6.343e+005
5529	5905	5869	5868	5904	Rck45	320	6.719e+005
5530	5940	5905	5904	5939	Rck45	320	4.71e+005
5531	5976	5940	5939	5975	Rck45	320	5.087e+005
5532	5999	5976	5975	5998	Rck45	320	5.087e+005
5533	6021	5999	5998	6020	Rck45	320	4.71e+005
5534	6043	6021	6020	6042	Rck45	320	6.719e+005
5535	3390	3368	3367	3389	Rck45	430	9.394e+005
5536	3412	3390	3389	3411	Rck45	430	6.585e+005
5537	3443	3412	3411	3442	Rck45	430	7.112e+005
5538	3474	3443	3442	3473	Rck45	430	7.112e+005
5539	3505	3474	3473	3504	Rck45	430	6.585e+005
5540	3536	3505	3504	3535	Rck45	430	9.394e+005
5541	3567	3536	3535	3566	Rck45	430	8.868e+005
5542	3598	3567	3566	3597	Rck45	430	8.868e+005
5543	3629	3598	3597	3628	Rck45	430	8.868e+005
5544	3660	3629	3628	3659	Rck45	430	8.868e+005
5545	3691	3660	3659	3690	Rck45	430	8.868e+005
5546	3722	3691	3690	3721	Rck45	430	8.868e+005
5547	3753	3722	3721	3752	Rck45	430	8.868e+005
5548	3784	3753	3752	3783	Rck45	430	8.868e+005
5549	3815	3784	3783	3814	Rck45	430	8.868e+005
5550	3846	3815	3814	3845	Rck45	430	8.868e+005
5551	3877	3846	3845	3876	Rck45	430	8.868e+005
5552	3908	3877	3876	3907	Rck45	430	8.868e+005
5553	3939	3908	3907	3938	Rck45	430	8.868e+005
5554	3970	3939	3938	3969	Rck45	430	8.868e+005
5555	4001	3970	3969	4000	Rck45	430	8.868e+005
5556	4032	4001	4000	4031	Rck45	430	8.868e+005
5557	4063	4032	4031	4062	Rck45	430	8.868e+005
5558	4094	4063	4062	4093	Rck45	430	8.868e+005
5559	4125	4094	4093	4124	Rck45	430	8.868e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5560	4156	4125	4124	4155	Rck45	430	8.868e+005
5561	4187	4156	4155	4186	Rck45	430	8.868e+005
5562	4218	4187	4186	4217	Rck45	430	8.868e+005
5563	4249	4218	4217	4248	Rck45	430	8.868e+005
5564	4280	4249	4248	4279	Rck45	430	8.868e+005
5565	4311	4280	4279	4310	Rck45	430	8.868e+005
5566	4342	4311	4310	4341	Rck45	430	8.868e+005
5567	4373	4342	4341	4372	Rck45	430	8.868e+005
5568	4404	4373	4372	4403	Rck45	430	8.868e+005
5569	4435	4404	4403	4434	Rck45	430	8.868e+005
5570	4466	4435	4434	4465	Rck45	430	8.868e+005
5571	4497	4466	4465	4496	Rck45	430	8.868e+005
5572	4528	4497	4496	4527	Rck45	430	8.868e+005
5573	4559	4528	4527	4558	Rck45	430	8.868e+005
5574	4590	4559	4558	4589	Rck45	430	8.868e+005
5575	4621	4590	4589	4620	Rck45	430	8.868e+005
5576	4651	4621	4620	4650	Rck45	430	8.868e+005
5577	4680	4651	4650	4679	Rck45	430	8.868e+005
5578	4708	4680	4679	4707	Rck45	430	8.868e+005
5579	4738	4708	4707	4737	Rck45	430	8.868e+005
5580	4768	4738	4737	4767	Rck45	430	8.868e+005
5581	4799	4768	4767	4798	Rck45	430	8.868e+005
5582	4830	4799	4798	4829	Rck45	430	8.868e+005
5583	4860	4830	4829	4859	Rck45	430	8.868e+005
5584	4890	4860	4859	4889	Rck45	430	8.868e+005
5585	4921	4890	4889	4920	Rck45	430	8.868e+005
5586	4951	4921	4920	4950	Rck45	430	8.868e+005
5587	4981	4951	4950	4980	Rck45	430	8.868e+005
5588	5011	4981	4980	5010	Rck45	430	8.868e+005
5589	5041	5011	5010	5040	Rck45	430	8.868e+005
5590	5072	5041	5040	5071	Rck45	430	8.868e+005
5591	5102	5072	5071	5101	Rck45	430	8.868e+005
5592	5132	5102	5101	5131	Rck45	430	8.868e+005
5593	5162	5132	5131	5161	Rck45	430	8.868e+005
5594	5194	5162	5161	5193	Rck45	430	8.868e+005
5595	5228	5194	5193	5227	Rck45	430	8.868e+005
5596	5261	5228	5227	5260	Rck45	430	8.868e+005
5597	5294	5261	5260	5293	Rck45	430	8.868e+005
5598	5328	5294	5293	5327	Rck45	430	8.868e+005
5599	5361	5328	5327	5360	Rck45	430	8.868e+005
5600	5394	5361	5360	5393	Rck45	430	8.868e+005
5601	5427	5394	5393	5426	Rck45	430	8.868e+005
5602	5461	5427	5426	5460	Rck45	430	8.868e+005
5603	5494	5461	5460	5493	Rck45	430	8.868e+005
5604	5527	5494	5493	5526	Rck45	430	8.868e+005
5605	5561	5527	5526	5560	Rck45	430	8.868e+005
5606	5597	5561	5560	5596	Rck45	430	8.868e+005
5607	5630	5597	5596	5629	Rck45	430	8.868e+005
5608	5664	5630	5629	5663	Rck45	430	8.868e+005
5609	5698	5664	5663	5697	Rck45	430	8.868e+005
5610	5734	5698	5697	5733	Rck45	430	8.868e+005
5611	5768	5734	5733	5767	Rck45	430	8.868e+005
5612	5801	5768	5767	5800	Rck45	430	8.868e+005
5613	5835	5801	5800	5834	Rck45	430	8.868e+005
5614	5870	5835	5834	5869	Rck45	430	8.868e+005
5615	5906	5870	5869	5905	Rck45	430	9.394e+005
5616	5941	5906	5905	5940	Rck45	430	6.585e+005
5617	5977	5941	5940	5976	Rck45	430	7.112e+005
5618	6000	5977	5976	5999	Rck45	430	7.112e+005
5619	6022	6000	5999	6021	Rck45	430	6.585e+005
5620	6044	6022	6021	6043	Rck45	430	9.394e+005
5621	3391	3369	3368	3390	Rck45	1000	3.509e+005
5622	3413	3391	3390	3412	Rck45	1000	2.46e+005
5623	3444	3413	3412	3443	Rck45	1000	2.657e+005
5624	3475	3444	3443	3474	Rck45	1000	2.657e+005
5625	3506	3475	3474	3505	Rck45	1000	2.46e+005
5626	3537	3506	3505	3536	Rck45	1000	3.509e+005
5627	3568	3537	3536	3567	Rck45	1000	3.313e+005
5628	3599	3568	3567	3598	Rck45	1000	3.313e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5629	3630	3599	3598	3629	Rck45	1000	3.313e+005
5630	3661	3630	3629	3660	Rck45	1000	3.313e+005
5631	3692	3661	3660	3691	Rck45	1000	3.313e+005
5632	3723	3692	3691	3722	Rck45	1000	3.313e+005
5633	3754	3723	3722	3753	Rck45	1000	3.313e+005
5634	3785	3754	3753	3784	Rck45	1000	3.313e+005
5635	3816	3785	3784	3815	Rck45	1000	3.313e+005
5636	3847	3816	3815	3846	Rck45	1000	3.313e+005
5637	3878	3847	3846	3877	Rck45	1000	3.313e+005
5638	3909	3878	3877	3908	Rck45	1000	3.313e+005
5639	3940	3909	3908	3939	Rck45	1000	3.313e+005
5640	3971	3940	3939	3970	Rck45	1000	3.313e+005
5641	4002	3971	3970	4001	Rck45	1000	3.313e+005
5642	4033	4002	4001	4032	Rck45	1000	3.313e+005
5643	4064	4033	4032	4063	Rck45	1000	3.313e+005
5644	4095	4064	4063	4094	Rck45	1000	3.313e+005
5645	4126	4095	4094	4125	Rck45	1000	3.313e+005
5646	4157	4126	4125	4156	Rck45	1000	3.313e+005
5647	4188	4157	4156	4187	Rck45	1000	3.313e+005
5648	4219	4188	4187	4218	Rck45	1000	3.313e+005
5649	4250	4219	4218	4249	Rck45	1000	3.313e+005
5650	4281	4250	4249	4280	Rck45	1000	3.313e+005
5651	4312	4281	4280	4311	Rck45	1000	3.313e+005
5652	4343	4312	4311	4342	Rck45	1000	3.313e+005
5653	4374	4343	4342	4373	Rck45	1000	3.313e+005
5654	4405	4374	4373	4404	Rck45	1000	3.313e+005
5655	4436	4405	4404	4435	Rck45	1000	3.313e+005
5656	4467	4436	4435	4466	Rck45	1000	3.313e+005
5657	4498	4467	4466	4497	Rck45	1000	3.313e+005
5658	4529	4498	4497	4528	Rck45	1000	3.313e+005
5659	4560	4529	4528	4559	Rck45	1000	3.313e+005
5660	4591	4560	4559	4590	Rck45	1000	3.313e+005
5661	4622	4591	4590	4621	Rck45	1000	3.313e+005
5662	4652	4622	4621	4651	Rck45	1000	3.313e+005
5663	4681	4652	4651	4680	Rck45	1000	3.313e+005
5664	4709	4681	4680	4708	Rck45	1000	3.313e+005
5665	4739	4709	4708	4738	Rck45	1000	3.313e+005
5666	4769	4739	4738	4768	Rck45	1000	3.313e+005
5667	4800	4769	4768	4799	Rck45	1000	3.313e+005
5668	4831	4800	4799	4830	Rck45	1000	3.313e+005
5669	4861	4831	4830	4860	Rck45	1000	3.313e+005
5670	4891	4861	4860	4890	Rck45	1000	3.313e+005
5671	4922	4891	4890	4921	Rck45	1000	3.313e+005
5672	4952	4922	4921	4951	Rck45	1000	3.313e+005
5673	4982	4952	4951	4981	Rck45	1000	3.313e+005
5674	5012	4982	4981	5011	Rck45	1000	3.313e+005
5675	5042	5012	5011	5041	Rck45	1000	3.313e+005
5676	5073	5042	5041	5072	Rck45	1000	3.313e+005
5677	5103	5073	5072	5102	Rck45	1000	3.313e+005
5678	5133	5103	5102	5132	Rck45	1000	3.313e+005
5679	5163	5133	5132	5162	Rck45	1000	3.313e+005
5680	5195	5163	5162	5194	Rck45	1000	3.313e+005
5681	5229	5195	5194	5228	Rck45	1000	3.313e+005
5682	5262	5229	5228	5261	Rck45	1000	3.313e+005
5683	5295	5262	5261	5294	Rck45	1000	3.313e+005
5684	5329	5295	5294	5328	Rck45	1000	3.313e+005
5685	5362	5329	5328	5361	Rck45	1000	3.313e+005
5686	5395	5362	5361	5394	Rck45	1000	3.313e+005
5687	5428	5395	5394	5427	Rck45	1000	3.313e+005
5688	5462	5428	5427	5461	Rck45	1000	3.313e+005
5689	5495	5462	5461	5494	Rck45	1000	3.313e+005
5690	5528	5495	5494	5527	Rck45	1000	3.313e+005
5691	5562	5528	5527	5561	Rck45	1000	3.313e+005
5692	5598	5562	5561	5597	Rck45	1000	3.313e+005
5693	5631	5598	5597	5630	Rck45	1000	3.313e+005
5694	5665	5631	5630	5664	Rck45	1000	3.313e+005
5695	5699	5665	5664	5698	Rck45	1000	3.313e+005
5696	5735	5699	5698	5734	Rck45	1000	3.313e+005
5697	5769	5735	5734	5768	Rck45	1000	3.313e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

5698	5802	5769	5768	5801	Rck45	1000	3.313e+005
5699	5836	5802	5801	5835	Rck45	1000	3.313e+005
5700	5871	5836	5835	5870	Rck45	1000	3.313e+005
5701	5907	5871	5870	5906	Rck45	1000	3.509e+005
5702	5942	5907	5906	5941	Rck45	1000	2.46e+005
5703	5978	5942	5941	5977	Rck45	1000	2.657e+005
5704	6001	5978	5977	6000	Rck45	1000	2.657e+005
5705	6023	6001	6000	6022	Rck45	1000	2.46e+005
5706	6045	6023	6022	6044	Rck45	1000	3.509e+005
5707	3392	3370	3369	3391	Rck45	430	7.381e+005
5708	3414	3392	3391	3413	Rck45	430	5.174e+005
5709	3445	3414	3413	3444	Rck45	430	5.588e+005
5710	3476	3445	3444	3475	Rck45	430	5.588e+005
5711	3507	3476	3475	3506	Rck45	430	5.174e+005
5712	3538	3507	3506	3537	Rck45	430	7.381e+005
5713	3569	3538	3537	3568	Rck45	430	6.967e+005
5714	3600	3569	3568	3599	Rck45	430	6.967e+005
5715	3631	3600	3599	3630	Rck45	430	6.967e+005
5716	3662	3631	3630	3661	Rck45	430	6.967e+005
5717	3693	3662	3661	3692	Rck45	430	6.967e+005
5718	3724	3693	3692	3723	Rck45	430	6.967e+005
5719	3755	3724	3723	3754	Rck45	430	6.967e+005
5720	3786	3755	3754	3785	Rck45	430	6.967e+005
5721	3817	3786	3785	3816	Rck45	430	6.967e+005
5722	3848	3817	3816	3847	Rck45	430	6.967e+005
5723	3879	3848	3847	3878	Rck45	430	6.967e+005
5724	3910	3879	3878	3909	Rck45	430	6.967e+005
5725	3941	3910	3909	3940	Rck45	430	6.967e+005
5726	3972	3941	3940	3971	Rck45	430	6.967e+005
5727	4003	3972	3971	4002	Rck45	430	6.967e+005
5728	4034	4003	4002	4033	Rck45	430	6.967e+005
5729	4065	4034	4033	4064	Rck45	430	6.967e+005
5730	4096	4065	4064	4095	Rck45	430	6.967e+005
5731	4127	4096	4095	4126	Rck45	430	6.967e+005
5732	4158	4127	4126	4157	Rck45	430	6.967e+005
5733	4189	4158	4157	4188	Rck45	430	6.967e+005
5734	4220	4189	4188	4219	Rck45	430	6.967e+005
5735	4251	4220	4219	4250	Rck45	430	6.967e+005
5736	4282	4251	4250	4281	Rck45	430	6.967e+005
5737	4313	4282	4281	4312	Rck45	430	6.967e+005
5738	4344	4313	4312	4343	Rck45	430	6.967e+005
5739	4375	4344	4343	4374	Rck45	430	6.967e+005
5740	4406	4375	4374	4405	Rck45	430	6.967e+005
5741	4437	4406	4405	4436	Rck45	430	6.967e+005
5742	4468	4437	4436	4467	Rck45	430	6.967e+005
5743	4499	4468	4467	4498	Rck45	430	6.967e+005
5744	4530	4499	4498	4529	Rck45	430	6.967e+005
5745	4561	4530	4529	4560	Rck45	430	6.967e+005
5746	4592	4561	4560	4591	Rck45	430	6.967e+005
5747	4623	4592	4591	4622	Rck45	430	6.967e+005
5748	4653	4623	4622	4652	Rck45	430	6.967e+005
5749	4682	4653	4652	4681	Rck45	430	6.967e+005
5750	4710	4682	4681	4709	Rck45	430	6.967e+005
5751	4740	4710	4709	4739	Rck45	430	6.967e+005
5752	4770	4740	4739	4769	Rck45	430	6.967e+005
5753	4801	4770	4769	4800	Rck45	430	6.967e+005
5754	4832	4801	4800	4831	Rck45	430	6.967e+005
5755	4862	4832	4831	4861	Rck45	430	6.967e+005
5756	4892	4862	4861	4891	Rck45	430	6.967e+005
5757	4923	4892	4891	4922	Rck45	430	6.967e+005
5758	4953	4923	4922	4952	Rck45	430	6.967e+005
5759	4983	4953	4952	4982	Rck45	430	6.967e+005
5760	5013	4983	4982	5012	Rck45	430	6.967e+005
5761	5043	5013	5012	5042	Rck45	430	6.967e+005
5762	5074	5043	5042	5073	Rck45	430	6.967e+005
5763	5104	5074	5073	5103	Rck45	430	6.967e+005
5764	5134	5104	5103	5133	Rck45	430	6.967e+005
5765	5164	5134	5133	5163	Rck45	430	6.967e+005
5766	5196	5164	5163	5195	Rck45	430	6.967e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5767	5230	5196	5195	5229	Rck45	430	6.967e+005
5768	5263	5230	5229	5262	Rck45	430	6.967e+005
5769	5296	5263	5262	5295	Rck45	430	6.967e+005
5770	5330	5296	5295	5329	Rck45	430	6.967e+005
5771	5363	5330	5329	5362	Rck45	430	6.967e+005
5772	5396	5363	5362	5395	Rck45	430	6.967e+005
5773	5429	5396	5395	5428	Rck45	430	6.967e+005
5774	5463	5429	5428	5462	Rck45	430	6.967e+005
5775	5496	5463	5462	5495	Rck45	430	6.967e+005
5776	5529	5496	5495	5528	Rck45	430	6.967e+005
5777	5563	5529	5528	5562	Rck45	430	6.967e+005
5778	5599	5563	5562	5598	Rck45	430	6.967e+005
5779	5632	5599	5598	5631	Rck45	430	6.967e+005
5780	5666	5632	5631	5665	Rck45	430	6.967e+005
5781	5700	5666	5665	5699	Rck45	430	6.967e+005
5782	5736	5700	5699	5735	Rck45	430	6.967e+005
5783	5770	5736	5735	5769	Rck45	430	6.967e+005
5784	5803	5770	5769	5802	Rck45	430	6.967e+005
5785	5837	5803	5802	5836	Rck45	430	6.967e+005
5786	5872	5837	5836	5871	Rck45	430	6.967e+005
5787	5908	5872	5871	5907	Rck45	430	7.381e+005
5788	5943	5908	5907	5942	Rck45	430	5.174e+005
5789	5979	5943	5942	5978	Rck45	430	5.588e+005
5790	6002	5979	5978	6001	Rck45	430	5.588e+005
5791	6024	6002	6001	6023	Rck45	430	5.174e+005
5792	6046	6024	6023	6045	Rck45	430	7.381e+005
5793	3393	3371	3370	3392	Rck45	320	6.592e+005
5794	3415	3393	3392	3414	Rck45	320	4.621e+005
5795	3446	3415	3414	3445	Rck45	320	4.99e+005
5796	3477	3446	3445	3476	Rck45	320	4.99e+005
5797	3508	3477	3476	3507	Rck45	320	4.621e+005
5798	3539	3508	3507	3538	Rck45	320	6.592e+005
5799	3570	3539	3538	3569	Rck45	320	6.223e+005
5800	3601	3570	3569	3600	Rck45	320	6.223e+005
5801	3632	3601	3600	3631	Rck45	320	6.223e+005
5802	3663	3632	3631	3662	Rck45	320	6.223e+005
5803	3694	3663	3662	3693	Rck45	320	6.223e+005
5804	3725	3694	3693	3724	Rck45	320	6.223e+005
5805	3756	3725	3724	3755	Rck45	320	6.223e+005
5806	3787	3756	3755	3786	Rck45	320	6.223e+005
5807	3818	3787	3786	3817	Rck45	320	6.223e+005
5808	3849	3818	3817	3848	Rck45	320	6.223e+005
5809	3880	3849	3848	3879	Rck45	320	6.223e+005
5810	3911	3880	3879	3910	Rck45	320	6.223e+005
5811	3942	3911	3910	3941	Rck45	320	6.223e+005
5812	3973	3942	3941	3972	Rck45	320	6.223e+005
5813	4004	3973	3972	4003	Rck45	320	6.223e+005
5814	4035	4004	4003	4034	Rck45	320	6.223e+005
5815	4066	4035	4034	4065	Rck45	320	6.223e+005
5816	4097	4066	4065	4096	Rck45	320	6.223e+005
5817	4128	4097	4096	4127	Rck45	320	6.223e+005
5818	4159	4128	4127	4158	Rck45	320	6.223e+005
5819	4190	4159	4158	4189	Rck45	320	6.223e+005
5820	4221	4190	4189	4220	Rck45	320	6.223e+005
5821	4252	4221	4220	4251	Rck45	320	6.223e+005
5822	4283	4252	4251	4282	Rck45	320	6.223e+005
5823	4314	4283	4282	4313	Rck45	320	6.223e+005
5824	4345	4314	4313	4344	Rck45	320	6.223e+005
5825	4376	4345	4344	4375	Rck45	320	6.223e+005
5826	4407	4376	4375	4406	Rck45	320	6.223e+005
5827	4438	4407	4406	4437	Rck45	320	6.223e+005
5828	4469	4438	4437	4468	Rck45	320	6.223e+005
5829	4500	4469	4468	4499	Rck45	320	6.223e+005
5830	4531	4500	4499	4530	Rck45	320	6.223e+005
5831	4562	4531	4530	4561	Rck45	320	6.223e+005
5832	4593	4562	4561	4592	Rck45	320	6.223e+005
5833	4624	4593	4592	4623	Rck45	320	6.223e+005
5834	4654	4624	4623	4653	Rck45	320	6.223e+005
5835	4683	4654	4653	4682	Rck45	320	6.223e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5836	4711	4683	4682	4710	Rck45	320	6.223e+005
5837	4741	4711	4710	4740	Rck45	320	6.223e+005
5838	4771	4741	4740	4770	Rck45	320	6.223e+005
5839	4802	4771	4770	4801	Rck45	320	6.223e+005
5840	4833	4802	4801	4832	Rck45	320	6.223e+005
5841	4863	4833	4832	4862	Rck45	320	6.223e+005
5842	4893	4863	4862	4892	Rck45	320	6.223e+005
5843	4924	4893	4892	4923	Rck45	320	6.223e+005
5844	4954	4924	4923	4953	Rck45	320	6.223e+005
5845	4984	4954	4953	4983	Rck45	320	6.223e+005
5846	5014	4984	4983	5013	Rck45	320	6.223e+005
5847	5044	5014	5013	5043	Rck45	320	6.223e+005
5848	5075	5044	5043	5074	Rck45	320	6.223e+005
5849	5105	5075	5074	5104	Rck45	320	6.223e+005
5850	5135	5105	5104	5134	Rck45	320	6.223e+005
5851	5165	5135	5134	5164	Rck45	320	6.223e+005
5852	5197	5165	5164	5196	Rck45	320	6.223e+005
5853	5231	5197	5196	5230	Rck45	320	6.223e+005
5854	5264	5231	5230	5263	Rck45	320	6.223e+005
5855	5297	5264	5263	5296	Rck45	320	6.223e+005
5856	5331	5297	5296	5330	Rck45	320	6.223e+005
5857	5364	5331	5330	5363	Rck45	320	6.223e+005
5858	5397	5364	5363	5396	Rck45	320	6.223e+005
5859	5430	5397	5396	5429	Rck45	320	6.223e+005
5860	5464	5430	5429	5463	Rck45	320	6.223e+005
5861	5497	5464	5463	5496	Rck45	320	6.223e+005
5862	5530	5497	5496	5529	Rck45	320	6.223e+005
5863	5564	5530	5529	5563	Rck45	320	6.223e+005
5864	5600	5564	5563	5599	Rck45	320	6.223e+005
5865	5633	5600	5599	5632	Rck45	320	6.223e+005
5866	5667	5633	5632	5666	Rck45	320	6.223e+005
5867	5701	5667	5666	5700	Rck45	320	6.223e+005
5868	5737	5701	5700	5736	Rck45	320	6.223e+005
5869	5771	5737	5736	5770	Rck45	320	6.223e+005
5870	5804	5771	5770	5803	Rck45	320	6.223e+005
5871	5838	5804	5803	5837	Rck45	320	6.223e+005
5872	5873	5838	5837	5872	Rck45	320	6.223e+005
5873	5909	5873	5872	5908	Rck45	320	6.592e+005
5874	5944	5909	5908	5943	Rck45	320	4.621e+005
5875	5980	5944	5943	5979	Rck45	320	4.99e+005
5876	6003	5980	5979	6002	Rck45	320	4.99e+005
5877	6025	6003	6002	6024	Rck45	320	4.621e+005
5878	6047	6025	6024	6046	Rck45	320	6.592e+005
5879	3394	3372	3371	3393	Rck45	260	6.719e+005
5880	3416	3394	3393	3415	Rck45	260	4.71e+005
5881	3447	3416	3415	3446	Rck45	260	5.087e+005
5882	3478	3447	3446	3477	Rck45	260	5.087e+005
5883	3509	3478	3477	3508	Rck45	260	4.71e+005
5884	3540	3509	3508	3539	Rck45	260	6.719e+005
5885	3571	3540	3539	3570	Rck45	260	6.343e+005
5886	3602	3571	3570	3601	Rck45	260	6.343e+005
5887	3633	3602	3601	3632	Rck45	260	6.343e+005
5888	3664	3633	3632	3663	Rck45	260	6.343e+005
5889	3695	3664	3663	3694	Rck45	260	6.343e+005
5890	3726	3695	3694	3725	Rck45	260	6.343e+005
5891	3757	3726	3725	3756	Rck45	260	6.343e+005
5892	3788	3757	3756	3787	Rck45	260	6.343e+005
5893	3819	3788	3787	3818	Rck45	260	6.343e+005
5894	3850	3819	3818	3849	Rck45	260	6.343e+005
5895	3881	3850	3849	3880	Rck45	260	6.343e+005
5896	3912	3881	3880	3911	Rck45	260	6.343e+005
5897	3943	3912	3911	3942	Rck45	260	6.343e+005
5898	3974	3943	3942	3973	Rck45	260	6.343e+005
5899	4005	3974	3973	4004	Rck45	260	6.343e+005
5900	4036	4005	4004	4035	Rck45	260	6.343e+005
5901	4067	4036	4035	4066	Rck45	260	6.343e+005
5902	4098	4067	4066	4097	Rck45	260	6.343e+005
5903	4129	4098	4097	4128	Rck45	260	6.343e+005
5904	4160	4129	4128	4159	Rck45	260	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5905	4191	4160	4159	4190	Rck45	260	6.343e+005
5906	4222	4191	4190	4221	Rck45	260	6.343e+005
5907	4253	4222	4221	4252	Rck45	260	6.343e+005
5908	4284	4253	4252	4283	Rck45	260	6.343e+005
5909	4315	4284	4283	4314	Rck45	260	6.343e+005
5910	4346	4315	4314	4345	Rck45	260	6.343e+005
5911	4377	4346	4345	4376	Rck45	260	6.343e+005
5912	4408	4377	4376	4407	Rck45	260	6.343e+005
5913	4439	4408	4407	4438	Rck45	260	6.343e+005
5914	4470	4439	4438	4469	Rck45	260	6.343e+005
5915	4501	4470	4469	4500	Rck45	260	6.343e+005
5916	4532	4501	4500	4531	Rck45	260	6.343e+005
5917	4563	4532	4531	4562	Rck45	260	6.343e+005
5918	4594	4563	4562	4593	Rck45	260	6.343e+005
5919	4625	4594	4593	4624	Rck45	260	6.343e+005
5920	4655	4625	4624	4654	Rck45	260	6.343e+005
5921	4684	4655	4654	4683	Rck45	260	6.343e+005
5922	4712	4684	4683	4711	Rck45	260	6.343e+005
5923	4742	4712	4711	4741	Rck45	260	6.343e+005
5924	4772	4742	4741	4771	Rck45	260	6.343e+005
5925	4803	4772	4771	4802	Rck45	260	6.343e+005
5926	4834	4803	4802	4833	Rck45	260	6.343e+005
5927	4864	4834	4833	4863	Rck45	260	6.343e+005
5928	4894	4864	4863	4893	Rck45	260	6.343e+005
5929	4925	4894	4893	4924	Rck45	260	6.343e+005
5930	4955	4925	4924	4954	Rck45	260	6.343e+005
5931	4985	4955	4954	4984	Rck45	260	6.343e+005
5932	5015	4985	4984	5014	Rck45	260	6.343e+005
5933	5045	5015	5014	5044	Rck45	260	6.343e+005
5934	5076	5045	5044	5075	Rck45	260	6.343e+005
5935	5106	5076	5075	5105	Rck45	260	6.343e+005
5936	5136	5106	5105	5135	Rck45	260	6.343e+005
5937	5166	5136	5135	5165	Rck45	260	6.343e+005
5938	5198	5166	5165	5197	Rck45	260	6.343e+005
5939	5232	5198	5197	5231	Rck45	260	6.343e+005
5940	5265	5232	5231	5264	Rck45	260	6.343e+005
5941	5298	5265	5264	5297	Rck45	260	6.343e+005
5942	5332	5298	5297	5331	Rck45	260	6.343e+005
5943	5365	5332	5331	5364	Rck45	260	6.343e+005
5944	5398	5365	5364	5397	Rck45	260	6.343e+005
5945	5431	5398	5397	5430	Rck45	260	6.343e+005
5946	5465	5431	5430	5464	Rck45	260	6.343e+005
5947	5498	5465	5464	5497	Rck45	260	6.343e+005
5948	5531	5498	5497	5530	Rck45	260	6.343e+005
5949	5565	5531	5530	5564	Rck45	260	6.343e+005
5950	5601	5565	5564	5600	Rck45	260	6.343e+005
5951	5634	5601	5600	5633	Rck45	260	6.343e+005
5952	5668	5634	5633	5667	Rck45	260	6.343e+005
5953	5702	5668	5667	5701	Rck45	260	6.343e+005
5954	5738	5702	5701	5737	Rck45	260	6.343e+005
5955	5772	5738	5737	5771	Rck45	260	6.343e+005
5956	5805	5772	5771	5804	Rck45	260	6.343e+005
5957	5839	5805	5804	5838	Rck45	260	6.343e+005
5958	5874	5839	5838	5873	Rck45	260	6.343e+005
5959	5910	5874	5873	5909	Rck45	260	6.719e+005
5960	5945	5910	5909	5944	Rck45	260	4.71e+005
5961	5981	5945	5944	5980	Rck45	260	5.087e+005
5962	6004	5981	5980	6003	Rck45	260	5.087e+005
5963	6026	6004	6003	6025	Rck45	260	4.71e+005
5964	6048	6026	6025	6047	Rck45	260	6.719e+005
5965	3395	3373	3372	3394	Rck45	210	6.719e+005
5966	3417	3395	3394	3416	Rck45	210	4.71e+005
5967	3448	3417	3416	3447	Rck45	210	5.087e+005
5968	3479	3448	3447	3478	Rck45	210	5.087e+005
5969	3510	3479	3478	3509	Rck45	210	4.71e+005
5970	3541	3510	3509	3540	Rck45	210	6.719e+005
5971	3572	3541	3540	3571	Rck45	210	6.343e+005
5972	3603	3572	3571	3602	Rck45	210	6.343e+005
5973	3634	3603	3602	3633	Rck45	210	6.343e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatuUP8-UP9-rev6-IN.mdl

5974	3665	3634	3633	3664	Rck45	210	6.343e+005
5975	3696	3665	3664	3695	Rck45	210	6.343e+005
5976	3727	3696	3695	3726	Rck45	210	6.343e+005
5977	3758	3727	3726	3757	Rck45	210	6.343e+005
5978	3789	3758	3757	3788	Rck45	210	6.343e+005
5979	3820	3789	3788	3819	Rck45	210	6.343e+005
5980	3851	3820	3819	3850	Rck45	210	6.343e+005
5981	3882	3851	3850	3881	Rck45	210	6.343e+005
5982	3913	3882	3881	3912	Rck45	210	6.343e+005
5983	3944	3913	3912	3943	Rck45	210	6.343e+005
5984	3975	3944	3943	3974	Rck45	210	6.343e+005
5985	4006	3975	3974	4005	Rck45	210	6.343e+005
5986	4037	4006	4005	4036	Rck45	210	6.343e+005
5987	4068	4037	4036	4067	Rck45	210	6.343e+005
5988	4099	4068	4067	4098	Rck45	210	6.343e+005
5989	4130	4099	4098	4129	Rck45	210	6.343e+005
5990	4161	4130	4129	4160	Rck45	210	6.343e+005
5991	4192	4161	4160	4191	Rck45	210	6.343e+005
5992	4223	4192	4191	4222	Rck45	210	6.343e+005
5993	4254	4223	4222	4253	Rck45	210	6.343e+005
5994	4285	4254	4253	4284	Rck45	210	6.343e+005
5995	4316	4285	4284	4315	Rck45	210	6.343e+005
5996	4347	4316	4315	4346	Rck45	210	6.343e+005
5997	4378	4347	4346	4377	Rck45	210	6.343e+005
5998	4409	4378	4377	4408	Rck45	210	6.343e+005
5999	4440	4409	4408	4439	Rck45	210	6.343e+005
6000	4471	4440	4439	4470	Rck45	210	6.343e+005
6001	4502	4471	4470	4501	Rck45	210	6.343e+005
6002	4533	4502	4501	4532	Rck45	210	6.343e+005
6003	4564	4533	4532	4563	Rck45	210	6.343e+005
6004	4595	4564	4563	4594	Rck45	210	6.343e+005
6005	4626	4595	4594	4625	Rck45	210	6.343e+005
6006	4656	4626	4625	4655	Rck45	210	6.343e+005
6007	4685	4656	4655	4684	Rck45	210	6.343e+005
6008	4713	4685	4684	4712	Rck45	210	6.343e+005
6009	4743	4713	4712	4742	Rck45	210	6.343e+005
6010	4773	4743	4742	4772	Rck45	210	6.343e+005
6011	4804	4773	4772	4803	Rck45	210	6.343e+005
6012	4835	4804	4803	4834	Rck45	210	6.343e+005
6013	4865	4835	4834	4864	Rck45	210	6.343e+005
6014	4895	4865	4864	4894	Rck45	210	6.343e+005
6015	4926	4895	4894	4925	Rck45	210	6.343e+005
6016	4956	4926	4925	4955	Rck45	210	6.343e+005
6017	4986	4956	4955	4985	Rck45	210	6.343e+005
6018	5016	4986	4985	5015	Rck45	210	6.343e+005
6019	5046	5016	5015	5045	Rck45	210	6.343e+005
6020	5077	5046	5045	5076	Rck45	210	6.343e+005
6021	5107	5077	5076	5106	Rck45	210	6.343e+005
6022	5137	5107	5106	5136	Rck45	210	6.343e+005
6023	5167	5137	5136	5166	Rck45	210	6.343e+005
6024	5199	5167	5166	5198	Rck45	210	6.343e+005
6025	5233	5199	5198	5232	Rck45	210	6.343e+005
6026	5266	5233	5232	5265	Rck45	210	6.343e+005
6027	5299	5266	5265	5298	Rck45	210	6.343e+005
6028	5333	5299	5298	5332	Rck45	210	6.343e+005
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6033	5499	5466	5465	5498	Rck45	210	6.343e+005
6034	5532	5499	5498	5531	Rck45	210	6.343e+005
6035	5566	5532	5531	5565	Rck45	210	6.343e+005
6036	5602	5566	5565	5601	Rck45	210	6.343e+005
6037	5635	5602	5601	5634	Rck45	210	6.343e+005
6038	5669	5635	5634	5668	Rck45	210	6.343e+005
6039	5703	5669	5668	5702	Rck45	210	6.343e+005
6040	5739	5703	5702	5738	Rck45	210	6.343e+005
6041	5773	5739	5738	5772	Rck45	210	6.343e+005
6042	5806	5773	5772	5805	Rck45	210	6.343e+005

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	

6043	5840	5806	5805	5839	Rck45	210	6.343e+005
6044	5875	5840	5839	5874	Rck45	210	6.343e+005
6045	5911	5875	5874	5910	Rck45	210	6.719e+005
6046	5946	5911	5910	5945	Rck45	210	4.71e+005
6047	5982	5946	5945	5981	Rck45	210	5.087e+005
6048	6005	5982	5981	6004	Rck45	210	5.087e+005
6049	6027	6005	6004	6026	Rck45	210	4.71e+005
6050	6049	6027	6026	6048	Rck45	210	6.719e+005
6051	3396	3374	3373	3395	Rck45	320	6.719e+005
6052	3418	3396	3395	3417	Rck45	320	4.71e+005
6053	3449	3418	3417	3448	Rck45	320	5.087e+005
6054	3480	3449	3448	3479	Rck45	320	5.087e+005
6055	3511	3480	3479	3510	Rck45	320	4.71e+005
6056	3542	3511	3510	3541	Rck45	320	6.719e+005
6057	3573	3542	3541	3572	Rck45	320	6.343e+005
6058	3604	3573	3572	3603	Rck45	320	6.343e+005
6059	3635	3604	3603	3634	Rck45	320	6.343e+005
6060	3666	3635	3634	3665	Rck45	320	6.343e+005
6061	3697	3666	3665	3696	Rck45	320	6.343e+005
6062	3728	3697	3696	3727	Rck45	320	6.343e+005
6063	3759	3728	3727	3758	Rck45	320	6.343e+005
6064	3790	3759	3758	3789	Rck45	320	6.343e+005
6065	3821	3790	3789	3820	Rck45	320	6.343e+005
6066	3852	3821	3820	3851	Rck45	320	6.343e+005
6067	3883	3852	3851	3882	Rck45	320	6.343e+005
6068	3914	3883	3882	3913	Rck45	320	6.343e+005
6069	3945	3914	3913	3944	Rck45	320	6.343e+005
6070	3976	3945	3944	3975	Rck45	320	6.343e+005
6071	4007	3976	3975	4006	Rck45	320	6.343e+005
6072	4038	4007	4006	4037	Rck45	320	6.343e+005
6073	4069	4038	4037	4068	Rck45	320	6.343e+005
6074	4100	4069	4068	4099	Rck45	320	6.343e+005
6075	4131	4100	4099	4130	Rck45	320	6.343e+005
6076	4162	4131	4130	4161	Rck45	320	6.343e+005
6077	4193	4162	4161	4192	Rck45	320	6.343e+005
6078	4224	4193	4192	4223	Rck45	320	6.343e+005
6079	4255	4224	4223	4254	Rck45	320	6.343e+005
6080	4286	4255	4254	4285	Rck45	320	6.343e+005
6081	4317	4286	4285	4316	Rck45	320	6.343e+005
6082	4348	4317	4316	4347	Rck45	320	6.343e+005
6083	4379	4348	4347	4378	Rck45	320	6.343e+005
6084	4410	4379	4378	4409	Rck45	320	6.343e+005
6085	4441	4410	4409	4440	Rck45	320	6.343e+005
6086	4472	4441	4440	4471	Rck45	320	6.343e+005
6087	4503	4472	4471	4502	Rck45	320	6.343e+005
6088	4534	4503	4502	4533	Rck45	320	6.343e+005
6089	4565	4534	4533	4564	Rck45	320	6.343e+005
6090	4596	4565	4564	4595	Rck45	320	6.343e+005
6091	4627	4596	4595	4626	Rck45	320	6.343e+005
6092	4657	4627	4626	4656	Rck45	320	6.343e+005
6093	4686	4657	4656	4685	Rck45	320	6.343e+005
6094	4714	4686	4685	4713	Rck45	320	6.343e+005
6095	4744	4714	4713	4743	Rck45	320	6.343e+005
6096	4774	4744	4743	4773	Rck45	320	6.343e+005
6097	4805	4774	4773	4804	Rck45	320	6.343e+005
6098	4836	4805	4804	4835	Rck45	320	6.343e+005
6099	4866	4836	4835	4865	Rck45	320	6.343e+005
6100	4896	4866	4865	4895	Rck45	320	6.343e+005
6101	4927	4896	4895	4926	Rck45	320	6.343e+005
6102	4957	4927	4926	4956	Rck45	320	6.343e+005
6103	4987	4957	4956	4986	Rck45	320	6.343e+005
6104	5017	4987	4986	5016	Rck45	320	6.343e+005
6105	5047	5017	5016	5046	Rck45	320	6.343e+005
6106	5078	5047	5046	5077	Rck45	320	6.343e+005
6107	5108	5078	5077	5107	Rck45	320	6.343e+005
6108	5138	5108	5107	5137	Rck45	320	6.343e+005
6109	5168	5138	5137	5167	Rck45	320	6.343e+005
6110	5200	5168	5167	5199	Rck45	320	6.343e+005
6111	5234	5200	5199	5233	Rck45	320	6.343e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl


6112	5267	5234	5233	5266	Rck45	320	6.343e+005
6113	5300	5267	5266	5299	Rck45	320	6.343e+005
6114	5334	5300	5299	5333	Rck45	320	6.343e+005
6115	5367	5334	5333	5366	Rck45	320	6.343e+005
6116	5400	5367	5366	5399	Rck45	320	6.343e+005
6117	5433	5400	5399	5432	Rck45	320	6.343e+005
6118	5467	5433	5432	5466	Rck45	320	6.343e+005
6119	5500	5467	5466	5499	Rck45	320	6.343e+005
6120	5533	5500	5499	5532	Rck45	320	6.343e+005
6121	5567	5533	5532	5566	Rck45	320	6.343e+005
6122	5603	5567	5566	5602	Rck45	320	6.343e+005
6123	5636	5603	5602	5635	Rck45	320	6.343e+005
6124	5670	5636	5635	5669	Rck45	320	6.343e+005
6125	5704	5670	5669	5703	Rck45	320	6.343e+005
6126	5740	5704	5703	5739	Rck45	320	6.343e+005
6127	5774	5740	5739	5773	Rck45	320	6.343e+005
6128	5807	5774	5773	5806	Rck45	320	6.343e+005
6129	5841	5807	5806	5840	Rck45	320	6.343e+005
6130	5876	5841	5840	5875	Rck45	320	6.343e+005
6131	5912	5876	5875	5911	Rck45	320	6.719e+005
6132	5947	5912	5911	5946	Rck45	320	4.71e+005
6133	5983	5947	5946	5982	Rck45	320	5.087e+005
6134	6006	5983	5982	6005	Rck45	320	5.087e+005
6135	6028	6006	6005	6027	Rck45	320	4.71e+005
6136	6050	6028	6027	6049	Rck45	320	6.719e+005
6137	1022	1023	571	570	S355	20	4.118e+005
6138	1707	1708	1023	1022	S355	20	5.202e+005
6139	2564	2565	1708	1707	S355	20	4.578e+005
6140	3143	3144	2565	2564	S355	20	4.578e+005
6141	5949	6051	3144	3143	S355	20	3.954e+005
6142	1020	1021	568	567	S355	20	4.118e+005
6143	1705	1706	1021	1020	S355	20	5.202e+005
6144	2562	2563	1706	1705	S355	20	4.578e+005
6145	3141	3142	2563	2562	S355	20	4.578e+005
6146	5920	5921	3142	3141	S355	20	3.84e+005
6147	1016	1017	558	557	S355	20	4.118e+005
6148	1701	1702	1017	1016	S355	20	5.202e+005
6149	2558	2559	1702	1701	S355	20	4.578e+005
6150	3137	3138	2559	2558	S355	20	4.578e+005
6151	5885	5886	3138	3137	S355	20	3.84e+005
6152	1002	1003	518	517	S355	20	4.118e+005
6153	1685	1686	1003	1002	S355	20	5.202e+005
6154	2542	2543	1686	1685	S355	20	4.578e+005
6155	3121	3122	2543	2542	S355	20	4.578e+005
6156	5747	5748	3122	3121	S355	20	3.84e+005
6157	988	989	477	476	S355	20	4.118e+005
6158	1669	1670	989	988	S355	20	5.202e+005
6159	2526	2527	1670	1669	S355	20	4.578e+005
6160	3105	3106	2527	2526	S355	20	4.578e+005
6161	5609	5610	3106	3105	S355	20	3.84e+005
6162	974	975	436	435	S355	20	4.118e+005
6163	1653	1654	975	974	S355	20	5.202e+005
6164	2510	2511	1654	1653	S355	20	4.578e+005
6165	3089	3090	2511	2510	S355	20	4.578e+005
6166	5473	5474	3090	3089	S355	20	3.84e+005
6168	6052	940	335	334	S355	20	4.118e+005
6169	6053	954	375	374	S355	20	4.118e+005
6170	6054	968	415	414	S355	20	4.118e+005
6171	6055	982	456	455	S355	20	4.118e+005
6172	6056	996	496	495	S355	20	4.118e+005
6173	6057	1010	537	536	S355	20	4.118e+005
6174	6058	1025	578	577	S355	20	4.118e+005
6176	6059	1613	940	6052	S355	20	5.202e+005
6177	6060	1629	954	6053	S355	20	5.202e+005
6178	6061	1645	968	6054	S355	20	5.202e+005
6179	6062	1661	982	6055	S355	20	5.202e+005
6180	6063	1677	996	6056	S355	20	5.202e+005
6181	6064	1693	1010	6057	S355	20	5.202e+005
6182	6065	1710	1025	6058	S355	20	5.202e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

6184	6066	2470	1613	6059	S355	20	4.578e+005
6185	6067	2486	1629	6060	S355	20	4.578e+005
6186	6068	2502	1645	6061	S355	20	4.578e+005
6187	6069	2518	1661	6062	S355	20	4.578e+005
6188	6070	2534	1677	6063	S355	20	4.578e+005
6189	6071	2550	1693	6064	S355	20	4.578e+005
6190	6072	2567	1710	6065	S355	20	4.578e+005
6192	6073	3049	2470	6066	S355	20	4.578e+005
6193	6074	3065	2486	6067	S355	20	4.578e+005
6194	6075	3081	2502	6068	S355	20	4.578e+005
6195	6076	3097	2518	6069	S355	20	4.578e+005
6196	6077	3113	2534	6070	S355	20	4.578e+005
6197	6078	3129	2550	6071	S355	20	4.578e+005
6198	6079	3146	2567	6072	S355	20	4.578e+005
6199	5050	5020	3033	2848	S355	20	5.347e+005
6200	6080	5141	3049	6073	S355	20	3.84e+005
6207	6081	1020	567	566	S355	20	4.118e+005
6208	6082	1705	1020	6081	S355	20	5.202e+005
6209	6083	2562	1705	6082	S355	20	4.578e+005
6210	6084	3141	2562	6083	S355	20	4.578e+005
6212	6085	1016	557	556	S355	20	4.118e+005
6213	6086	1701	1016	6085	S355	20	5.202e+005
6214	6087	2558	1701	6086	S355	20	4.578e+005
6215	6088	3137	2558	6087	S355	20	4.578e+005
6217	6089	1002	517	516	S355	20	4.118e+005
6218	6090	1685	1002	6089	S355	20	5.202e+005
6219	6091	2542	1685	6090	S355	20	4.578e+005
6220	6092	3121	2542	6091	S355	20	4.578e+005
6222	6093	988	476	475	S355	20	4.118e+005
6223	6094	1669	988	6093	S355	20	5.202e+005
6224	6095	2526	1669	6094	S355	20	4.578e+005
6225	6096	3105	2526	6095	S355	20	4.578e+005
6227	6097	974	435	434	S355	20	4.118e+005
6228	6098	1653	974	6097	S355	20	5.202e+005
6229	6099	2510	1653	6098	S355	20	4.578e+005
6230	6100	3089	2510	6099	S355	20	4.578e+005
6232	6074	5271	5272	0	S355	20	9.5e+004
6233	6074	5272	3065	0	S355	20	1.977e+005
6234	3065	5272	5273	0	S355	20	1.027e+005
6235	6075	5404	5405	0	S355	20	9.5e+004
6236	6075	5405	3081	0	S355	20	1.977e+005
6237	3081	5405	5406	0	S355	20	1.027e+005
6238	6076	5538	5539	0	S355	20	9.5e+004
6239	6076	5539	3097	0	S355	20	1.977e+005
6240	3097	5539	5540	0	S355	20	1.027e+005
6241	6077	5675	5676	0	S355	20	9.5e+004
6242	6077	5676	3113	0	S355	20	1.977e+005
6243	3113	5676	5677	0	S355	20	1.027e+005
6244	6078	5812	5813	0	S355	20	9.5e+004
6245	6078	5813	3129	0	S355	20	1.977e+005
6246	3129	5813	5814	0	S355	20	1.027e+005
6247	6079	5954	5955	0	S355	20	9.5e+004
6248	6079	5955	3146	0	S355	20	1.977e+005
6249	3146	5955	5956	0	S355	20	1.027e+005
6250	6084	5918	5919	0	S355	20	9.5e+004
6251	6084	5919	3141	0	S355	20	1.977e+005
6252	3141	5919	5920	0	S355	20	1.027e+005
6253	6088	5883	5884	0	S355	20	9.5e+004
6254	6088	5884	3137	0	S355	20	1.977e+005
6255	3137	5884	5885	0	S355	20	1.027e+005
6256	6092	5745	5746	0	S355	20	9.5e+004
6257	6092	5746	3121	0	S355	20	1.977e+005
6258	3121	5746	5747	0	S355	20	1.027e+005
6259	6096	5607	5608	0	S355	20	9.5e+004
6260	6096	5608	3105	0	S355	20	1.977e+005
6261	3105	5608	5609	0	S355	20	1.027e+005
6262	6100	5471	5472	0	S355	20	9.5e+004
6263	6100	5472	3089	0	S355	20	1.977e+005
6264	3089	5472	5473	0	S355	20	1.027e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl

6265	5984	6051	5949	5951	S355	80	5.142e+005
6266	6051	5914	5949	0	S355	80	2.634e+005
6267	6051	5881	5914	0	S355	80	4.899e+005
6268	5916	5881	6051	0	S355	80	2.48e+005
6269	5203	5173	5172	0	S355	20.28	3.613e+005
6270	5203	5172	5202	0	S355	20.28	3.623e+005
6271	5705	5673	5708	0	S355	20.28	3.795e+005
6272	5709	5705	5708	0	S355	20.28	3.964e+005
6273	215	208	220	0	S355	140	1.216e+005
6274	4746	4715	4745	0	S355	36.28	5.286e+005
6275	4746	4687	4715	0	S355	36.28	9.989e+005
6276	4717	4687	4746	0	S355	36.28	5.342e+005
6277	817	818	9	8	S355	20	4.118e+005
6278	1472	1473	818	817	S355	20	5.202e+005
6279	2332	2333	1473	1472	S355	20	4.578e+005
6280	2911	2912	2333	2332	S355	20	4.578e+005
6281	3453	3454	2912	2911	S355	20	3.84e+005
6282	819	820	14	13	S355	20	4.118e+005
6283	1474	1475	820	819	S355	20	5.202e+005
6284	2334	2335	1475	1474	S355	20	4.578e+005
6285	2913	2914	2335	2334	S355	20	4.578e+005
6286	3484	3485	2914	2913	S355	20	3.84e+005
6287	675	676	6102	1114	Rck45	890	3.14e+005
6288	676	677	6103	6102	Rck45	890	4.732e+005
6289	677	678	6104	6103	Rck45	890	3.228e+005
6290	678	679	6105	6104	Rck45	890	3.215e+005
6291	679	680	6106	6105	Rck45	890	1.9e+005
6292	680	681	6107	6106	Rck45	890	4.785e+005
6293	681	682	6108	6107	Rck45	890	3.282e+005
6294	682	683	6109	6108	Rck45	890	4.732e+005
6295	683	684	1115	6109	Rck45	890	3.14e+005
6296	1114	6102	6110	1422	Rck45	890	3.403e+005
6297	6102	6103	6111	6110	Rck45	890	3.968e+005
6298	6103	6104	6112	6111	Rck45	890	2.051e+005
6299	6104	6105	6113	6112	Rck45	890	2.138e+005
6300	6105	6106	6114	6113	Rck45	890	1.677e+005
6301	6106	6107	6115	6114	Rck45	890	3.131e+005
6302	6107	6108	6116	6115	Rck45	890	2.164e+005
6303	6108	6109	6117	6116	Rck45	890	3.968e+005
6304	6109	1115	1423	6117	Rck45	890	3.403e+005
6305	1422	6110	6118	2213	Rck45	890	3.667e+005
6306	6110	6111	6119	6118	Rck45	890	5.245e+005
6312	6116	6117	6125	6124	Rck45	890	5.245e+005
6313	6117	1423	2214	6125	Rck45	890	3.667e+005
6314	2213	6118	6126	2720	Rck45	890	3.93e+005
6315	6118	6119	6127	6126	Rck45	890	4.901e+005
6321	6124	6125	6133	6132	Rck45	890	4.901e+005
6322	6125	2214	2721	6133	Rck45	890	3.93e+005
6323	2720	6126	6134	3239	Rck45	890	4.194e+005
6324	6126	6127	6135	6134	Rck45	890	3.258e+005
6325	6127	6128	6136	6135	Rck45	890	1.824e+005
6326	6128	6129	6137	6136	Rck45	890	1.859e+005
6327	6129	6130	6138	6137	Rck45	890	2.751e+005
6328	6130	6131	6139	6138	Rck45	890	2.562e+005
6329	6131	6132	6140	6139	Rck45	890	2.164e+005
6330	6132	6133	6141	6140	Rck45	890	3.258e+005
6331	6133	2721	3240	6141	Rck45	890	4.194e+005
6332	3239	6134	6014	6013	Rck45	890	4.457e+005
6333	6134	6135	6015	6014	Rck45	890	3.414e+005
6334	6135	6136	6016	6015	Rck45	890	2.683e+005
6335	6136	6137	6017	6016	Rck45	890	2.546e+005
6336	6137	6138	6018	6017	Rck45	890	4.481e+005
6337	6138	6139	6019	6018	Rck45	890	3.419e+005
6338	6139	6140	6020	6019	Rck45	890	3.282e+005
6339	6140	6141	6021	6020	Rck45	890	3.414e+005
6340	6141	3240	6022	6021	Rck45	890	4.457e+005
6341	635	636	6142	1106	Rck45	890	3.14e+005
6342	636	637	6143	6142	Rck45	890	4.732e+005
6343	637	638	6144	6143	Rck45	890	3.228e+005

PROJECT TITLE :

	Company				Client	
	Author				File Name	
						impalcatoUP8-UP9-rev6-IN.mdl

6344	638	639	6145	6144	Rck45	890	3.215e+005
6345	639	640	6146	6145	Rck45	890	1.9e+005
6346	640	641	6147	6146	Rck45	890	4.785e+005
6347	641	642	6148	6147	Rck45	890	3.282e+005
6348	642	643	6149	6148	Rck45	890	4.732e+005
6349	643	644	1107	6149	Rck45	890	3.14e+005
6350	1106	6142	6150	1414	Rck45	890	3.403e+005
6351	6142	6143	6151	6150	Rck45	890	3.968e+005
6352	6143	6144	6152	6151	Rck45	890	2.051e+005
6353	6144	6145	6153	6152	Rck45	890	2.138e+005
6354	6145	6146	6154	6153	Rck45	890	1.677e+005
6355	6146	6147	6155	6154	Rck45	890	3.131e+005
6356	6147	6148	6156	6155	Rck45	890	2.164e+005
6357	6148	6149	6157	6156	Rck45	890	3.968e+005
6358	6149	1107	1415	6157	Rck45	890	3.403e+005
6359	1414	6150	6158	2205	Rck45	890	3.667e+005
6360	6150	6151	6159	6158	Rck45	890	5.245e+005
6361	6156	6157	6160	6161	Rck45	890	5.245e+005
6362	6157	1415	2206	6160	Rck45	890	3.667e+005
6363	2205	6158	6162	2712	Rck45	890	3.93e+005
6364	6158	6159	6163	6162	Rck45	890	4.901e+005
6365	6161	6160	6164	6165	Rck45	890	4.901e+005
6366	6160	2206	2713	6164	Rck45	890	3.93e+005
6367	2712	6162	6166	3231	Rck45	890	4.194e+005
6368	6162	6163	6167	6166	Rck45	890	3.258e+005
6369	6163	6168	6169	6167	Rck45	890	1.824e+005
6370	6168	6170	6171	6169	Rck45	890	1.859e+005
6371	6170	6172	6173	6171	Rck45	890	2.751e+005
6372	6172	6174	6175	6173	Rck45	890	2.562e+005
6373	6174	6165	6176	6175	Rck45	890	2.164e+005
6374	6165	6164	6177	6176	Rck45	890	3.258e+005
6375	6164	2713	3232	6177	Rck45	890	4.194e+005
6376	3231	6166	5898	5897	Rck45	890	4.457e+005
6377	6166	6167	5899	5898	Rck45	890	3.414e+005
6378	6167	6169	5900	5899	Rck45	890	2.683e+005
6379	6169	6171	5901	5900	Rck45	890	2.546e+005
6380	6171	6173	5902	5901	Rck45	890	4.481e+005
6381	6173	6175	5903	5902	Rck45	890	3.419e+005
6382	6175	6176	5904	5903	Rck45	890	3.282e+005
6383	6176	6177	5905	5904	Rck45	890	3.414e+005
6384	6177	3232	5906	5905	Rck45	890	4.457e+005
6385	625	626	6178	1096	Rck45	890	3.14e+005
6386	626	627	6179	6178	Rck45	890	4.732e+005
6387	627	628	6180	6179	Rck45	890	3.228e+005
6388	628	629	6181	6180	Rck45	890	3.215e+005
6389	629	630	6182	6181	Rck45	890	1.9e+005
6390	630	631	6183	6182	Rck45	890	4.785e+005
6391	631	632	6184	6183	Rck45	890	3.282e+005
6392	632	633	6185	6184	Rck45	890	4.732e+005
6393	633	634	1097	6185	Rck45	890	3.14e+005
6394	1096	6178	6186	1404	Rck45	890	3.403e+005
6395	6178	6179	6187	6186	Rck45	890	3.968e+005
6396	6179	6180	6188	6187	Rck45	890	2.051e+005
6397	6180	6181	6189	6188	Rck45	890	2.138e+005
6398	6181	6182	6190	6189	Rck45	890	1.677e+005
6399	6182	6183	6191	6190	Rck45	890	3.131e+005
6400	6183	6184	6192	6191	Rck45	890	2.164e+005
6401	6184	6185	6193	6192	Rck45	890	3.968e+005
6402	6185	1097	1405	6193	Rck45	890	3.403e+005
6403	1404	6186	6194	2163	Rck45	890	3.667e+005
6404	6186	6187	6195	6194	Rck45	890	5.245e+005
6405	6192	6193	6196	6197	Rck45	890	5.245e+005
6406	6193	1405	2164	6196	Rck45	890	3.667e+005
6407	2163	6194	6198	2670	Rck45	890	3.93e+005
6408	6194	6195	6199	6198	Rck45	890	4.901e+005
6409	6197	6196	6200	6201	Rck45	890	4.901e+005
6410	6196	2164	2671	6200	Rck45	890	3.93e+005
6411	2670	6198	6202	3189	Rck45	890	4.194e+005
6412	6198	6199	6203	6202	Rck45	890	3.258e+005

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

6413	6199	6204	6205	6203	Rck45	890	1.824e+005
6414	6204	6206	6207	6205	Rck45	890	1.859e+005
6415	6206	6208	6209	6207	Rck45	890	2.751e+005
6416	6208	6210	6211	6209	Rck45	890	2.562e+005
6417	6210	6201	6212	6211	Rck45	890	2.164e+005
6418	6201	6200	6213	6212	Rck45	890	3.258e+005
6419	6200	2671	3190	6213	Rck45	890	4.194e+005
6420	3189	6202	3497	3496	Rck45	890	4.457e+005
6421	6202	6203	3498	3497	Rck45	890	3.414e+005
6422	6203	6205	3499	3498	Rck45	890	2.683e+005
6423	6205	6207	3500	3499	Rck45	890	2.546e+005
6424	6207	6209	3501	3500	Rck45	890	4.481e+005
6425	6209	6211	3502	3501	Rck45	890	3.419e+005
6426	6211	6212	3503	3502	Rck45	890	3.282e+005
6427	6212	6213	3504	3503	Rck45	890	3.414e+005
6428	6213	3190	3505	3504	Rck45	890	4.457e+005
6429	583	584	6214	1088	Rck45	890	3.14e+005
6430	584	585	6215	6214	Rck45	890	4.732e+005
6431	585	586	6216	6215	Rck45	890	3.228e+005
6432	586	587	6217	6216	Rck45	890	3.215e+005
6433	587	588	6218	6217	Rck45	890	1.9e+005
6434	588	589	6219	6218	Rck45	890	4.785e+005
6435	589	590	6220	6219	Rck45	890	3.282e+005
6436	590	591	6221	6220	Rck45	890	4.732e+005
6437	591	592	1089	6221	Rck45	890	3.14e+005
6438	1088	6214	6222	1396	Rck45	890	3.403e+005
6439	6214	6215	6223	6222	Rck45	890	3.968e+005
6440	6215	6216	6224	6223	Rck45	890	2.051e+005
6441	6216	6217	6225	6224	Rck45	890	2.138e+005
6442	6217	6218	6226	6225	Rck45	890	1.677e+005
6443	6218	6219	6227	6226	Rck45	890	3.131e+005
6444	6219	6220	6228	6227	Rck45	890	2.164e+005
6445	6220	6221	6229	6228	Rck45	890	3.968e+005
6446	6221	1089	1397	6229	Rck45	890	3.403e+005
6447	1396	6222	6230	2155	Rck45	890	3.667e+005
6448	6222	6223	6231	6230	Rck45	890	5.245e+005
6449	6228	6229	6232	6233	Rck45	890	5.245e+005
6450	6229	1397	2156	6232	Rck45	890	3.667e+005
6451	2155	6230	6234	2662	Rck45	890	3.93e+005
6452	6230	6231	6235	6234	Rck45	890	4.901e+005
6453	6233	6232	6236	6237	Rck45	890	4.901e+005
6454	6232	2156	2663	6236	Rck45	890	3.93e+005
6455	2662	6234	6238	3181	Rck45	890	4.194e+005
6456	6234	6235	6239	6238	Rck45	890	3.258e+005
6457	6235	6240	6241	6239	Rck45	890	1.824e+005
6458	6240	6242	6243	6241	Rck45	890	1.859e+005
6459	6242	6244	6245	6243	Rck45	890	2.751e+005
6460	6244	6246	6247	6245	Rck45	890	2.562e+005
6461	6246	6237	6248	6247	Rck45	890	2.164e+005
6462	6237	6236	6249	6248	Rck45	890	3.258e+005
6463	6236	2663	3182	6249	Rck45	890	4.194e+005
6464	3181	6238	3382	3381	Rck45	890	4.457e+005
6465	6238	6239	3383	3382	Rck45	890	3.414e+005
6466	6239	6241	3384	3383	Rck45	890	2.683e+005
6467	6241	6243	3385	3384	Rck45	890	2.546e+005
6468	6243	6245	3386	3385	Rck45	890	4.481e+005
6469	6245	6247	3387	3386	Rck45	890	3.419e+005
6470	6247	6248	3388	3387	Rck45	890	3.282e+005
6471	6248	6249	3389	3388	Rck45	890	3.414e+005
6472	6249	3182	3390	3389	Rck45	890	4.457e+005

*** TOTAL WEIGHT / VOLUME / SURFACE AREA SUMMARY

SECTION NO	SECTION NAME	SURFACE AREA	VOLUMN	WEIGHT	FRAME NUMBER	TRUSS NUMBER
1	app	0	0	0	0	0
2	biella	7.043e+007	1.759e+008	1.354e+004	0	7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

3 controvento 2.067e+008 1.56e+009 1.201e+005 0 46

*** LOAD DATA

; Self Weight, Nodal Load, Specified Displacement, Beam Load, Floor Load, Finishing Material Load,
System Temperature, Nodal Temperature, Element Temperature, Beam Section Temperature,
Wind Load, Static Seismic Load, Time History Analysis Data

[LOAD CASE : pp]

** SELF WEIGHT DATA

; X=0, Y=0, Z=-1

[LOAD CASE : MVmincmobDz2924]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ
3376	0	0	-2.738e+004	0	0	0
3377	0	0	-2.283e+004	0	0	0
3378	0	0	-1.545e+004	0	0	0
3379	0	0	-1.829e+004	0	0	0
3380	0	0	-2.124e+004	0	0	0
3381	0	0	-2.45e+004	0	0	0
3382	0	0	-8808	0	0	0
3383	0	0	-6343	0	0	0
3384	0	0	-6343	0	0	0
3385	0	0	-6343	0	0	0
3386	0	0	-6234	0	0	0
3387	0	0	-6271	0	0	0
3388	0	0	-6343	0	0	0
3389	0	0	-7605	0	0	0
3390	0	0	-7605	0	0	0
3391	0	0	-5869	0	0	0
3392	0	0	-3478	0	0	0
3393	0	0	-77.02	0	0	0
3419	0	0	-8842	0	0	0
3429	0	0	-2.182e+004	0	0	0
3430	0	0	-1.82e+004	0	0	0
3431	0	0	-1.231e+004	0	0	0
3432	0	0	-1.458e+004	0	0	0
3433	0	0	-1.693e+004	0	0	0
3434	0	0	-1.953e+004	0	0	0
3435	0	0	-7021	0	0	0
3436	0	0	-5055	0	0	0
3437	0	0	-5055	0	0	0
3438	0	0	-5055	0	0	0
3439	0	0	-4969	0	0	0
3440	0	0	-4998	0	0	0
3441	0	0	-5055	0	0	0
3442	0	0	-6061	0	0	0
3443	0	0	-6061	0	0	0
3444	0	0	-4678	0	0	0
3445	0	0	-2772	0	0	0
3446	0	0	-61.39	0	0	0
3481	0	0	-1.109e+004	0	0	0
3491	0	0	-2.738e+004	0	0	0
3492	0	0	-2.283e+004	0	0	0
3493	0	0	-1.545e+004	0	0	0
3494	0	0	-1.829e+004	0	0	0
3495	0	0	-2.124e+004	0	0	0
3496	0	0	-2.45e+004	0	0	0
3497	0	0	-8808	0	0	0
3498	0	0	-6343	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3499	0	0	-6343	0	0	0
3500	0	0	-6343	0	0	0
3501	0	0	-6234	0	0	0
3502	0	0	-6271	0	0	0
3503	0	0	-6343	0	0	0
3504	0	0	-7605	0	0	0
3505	0	0	-7605	0	0	0
3506	0	0	-5869	0	0	0
3507	0	0	-3478	0	0	0
3508	0	0	-77.02	0	0	0
3543	0	0	-1.109e+004	0	0	0
3553	0	0	-2.738e+004	0	0	0
3554	0	0	-2.283e+004	0	0	0
3555	0	0	-1.545e+004	0	0	0
3556	0	0	-1.829e+004	0	0	0
3557	0	0	-2.124e+004	0	0	0
3558	0	0	-2.45e+004	0	0	0
3559	0	0	-8808	0	0	0
3560	0	0	-6343	0	0	0
3561	0	0	-6343	0	0	0
3562	0	0	-6343	0	0	0
3563	0	0	-6234	0	0	0
3564	0	0	-6271	0	0	0
3565	0	0	-6343	0	0	0
3566	0	0	-7605	0	0	0
3567	0	0	-7605	0	0	0
3568	0	0	-5869	0	0	0
3569	0	0	-3478	0	0	0
3570	0	0	-77.02	0	0	0
3605	0	0	-1.109e+004	0	0	0
3615	0	0	-2.738e+004	0	0	0
3616	0	0	-2.283e+004	0	0	0
3617	0	0	-1.545e+004	0	0	0
3618	0	0	-1.829e+004	0	0	0
3619	0	0	-2.124e+004	0	0	0
3620	0	0	-2.45e+004	0	0	0
3621	0	0	-8808	0	0	0
3622	0	0	-6343	0	0	0
3623	0	0	-6343	0	0	0
3624	0	0	-6343	0	0	0
3625	0	0	-6234	0	0	0
3626	0	0	-6271	0	0	0
3627	0	0	-6343	0	0	0
3628	0	0	-7605	0	0	0
3629	0	0	-7605	0	0	0
3630	0	0	-5869	0	0	0
3631	0	0	-3478	0	0	0
3632	0	0	-77.02	0	0	0
3667	0	0	-1.109e+004	0	0	0
3677	0	0	-2.738e+004	0	0	0
3678	0	0	-2.283e+004	0	0	0
3679	0	0	-1.545e+004	0	0	0
3680	0	0	-1.829e+004	0	0	0
3681	0	0	-2.124e+004	0	0	0
3682	0	0	-2.45e+004	0	0	0
3683	0	0	-8808	0	0	0
3684	0	0	-6343	0	0	0
3685	0	0	-6343	0	0	0
3686	0	0	-6343	0	0	0
3687	0	0	-6234	0	0	0
3688	0	0	-6271	0	0	0
3689	0	0	-6343	0	0	0
3690	0	0	-7605	0	0	0
3691	0	0	-7605	0	0	0
3692	0	0	-5869	0	0	0
3693	0	0	-3478	0	0	0
3694	0	0	-77.02	0	0	0
3729	0	0	-1.109e+004	0	0	0
3739	0	0	-2.738e+004	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	

3740	0	0	-2.283e+004	0	0	0
3741	0	0	-1.545e+004	0	0	0
3742	0	0	-1.829e+004	0	0	0
3743	0	0	-2.124e+004	0	0	0
3744	0	0	-2.45e+004	0	0	0
3745	0	0	-8808	0	0	0
3746	0	0	-6343	0	0	0
3747	0	0	-6343	0	0	0
3748	0	0	-6343	0	0	0
3749	0	0	-6234	0	0	0
3750	0	0	-6271	0	0	0
3751	0	0	-6343	0	0	0
3752	0	0	-7605	0	0	0
3753	0	0	-7605	0	0	0
3754	0	0	-5869	0	0	0
3755	0	0	-3478	0	0	0
3756	0	0	-77.02	0	0	0
3791	0	0	-1.109e+004	0	0	0
3801	0	0	-2.738e+004	0	0	0
3802	0	0	-2.283e+004	0	0	0
3803	0	0	-1.545e+004	0	0	0
3804	0	0	-1.829e+004	0	0	0
3805	0	0	-2.124e+004	0	0	0
3806	0	0	-2.45e+004	0	0	0
3807	0	0	-8808	0	0	0
3808	0	0	-6343	0	0	0
3809	0	0	-6343	0	0	0
3810	0	0	-6343	0	0	0
3811	0	0	-6234	0	0	0
3812	0	0	-6271	0	0	0
3813	0	0	-6343	0	0	0
3814	0	0	-7605	0	0	0
3815	0	0	-7605	0	0	0
3816	0	0	-5869	0	0	0
3817	0	0	-3478	0	0	0
3818	0	0	-77.02	0	0	0
3853	0	0	-1.109e+004	0	0	0
3863	0	0	-2.738e+004	0	0	0
3864	0	0	-2.283e+004	0	0	0
3865	0	0	-1.545e+004	0	0	0
3866	0	0	-1.829e+004	0	0	0
3867	0	0	-2.124e+004	0	0	0
3868	0	0	-2.45e+004	0	0	0
3869	0	0	-8808	0	0	0
3870	0	0	-6343	0	0	0
3871	0	0	-6343	0	0	0
3872	0	0	-6343	0	0	0
3873	0	0	-6234	0	0	0
3874	0	0	-6271	0	0	0
3875	0	0	-6343	0	0	0
3876	0	0	-7605	0	0	0
3877	0	0	-7605	0	0	0
3878	0	0	-5869	0	0	0
3879	0	0	-3478	0	0	0
3880	0	0	-77.02	0	0	0
3915	0	0	-1.109e+004	0	0	0
3925	0	0	-2.738e+004	0	0	0
3926	0	0	-2.283e+004	0	0	0
3927	0	0	-1.545e+004	0	0	0
3928	0	0	-1.829e+004	0	0	0
3929	0	0	-2.124e+004	0	0	0
3930	0	0	-2.45e+004	0	0	0
3931	0	0	-8808	0	0	0
3932	0	0	-6343	0	0	0
3933	0	0	-6343	0	0	0
3934	0	0	-6343	0	0	0
3935	0	0	-6234	0	0	0
3936	0	0	-6271	0	0	0
3937	0	0	-6343	0	0	0

PROJECT TITLE :

	Company						Client
	Author						File Name
							impalcatoUP8-UP9-rev6-IN.mdl

3938	0	0	-7605	0	0	0
3939	0	0	-7605	0	0	0
3940	0	0	-5869	0	0	0
3941	0	0	-3478	0	0	0
3942	0	0	-77.02	0	0	0
3977	0	0	-1.109e+004	0	0	0
3987	0	0	-2.738e+004	0	0	0
3988	0	0	-2.283e+004	0	0	0
3989	0	0	-1.545e+004	0	0	0
3990	0	0	-1.829e+004	0	0	0
3991	0	0	-2.124e+004	0	0	0
3992	0	0	-2.45e+004	0	0	0
3993	0	0	-8808	0	0	0
3994	0	0	-6343	0	0	0
3995	0	0	-6343	0	0	0
3996	0	0	-6343	0	0	0
3997	0	0	-6234	0	0	0
3998	0	0	-6271	0	0	0
3999	0	0	-6343	0	0	0
4000	0	0	-7605	0	0	0
4001	0	0	-7605	0	0	0
4002	0	0	-5869	0	0	0
4003	0	0	-3478	0	0	0
4004	0	0	-77.02	0	0	0
4039	0	0	-1.109e+004	0	0	0
4049	0	0	-2.738e+004	0	0	0
4050	0	0	-2.283e+004	0	0	0
4051	0	0	-1.545e+004	0	0	0
4052	0	0	-1.829e+004	0	0	0
4053	0	0	-2.124e+004	0	0	0
4054	0	0	-2.45e+004	0	0	0
4055	0	0	-8808	0	0	0
4056	0	0	-6343	0	0	0
4057	0	0	-6343	0	0	0
4058	0	0	-6343	0	0	0
4059	0	0	-6234	0	0	0
4060	0	0	-6271	0	0	0
4061	0	0	-6343	0	0	0
4062	0	0	-7605	0	0	0
4063	0	0	-7605	0	0	0
4064	0	0	-5869	0	0	0
4065	0	0	-3478	0	0	0
4066	0	0	-77.02	0	0	0
4101	0	0	-1.109e+004	0	0	0
4111	0	0	-2.738e+004	0	0	0
4112	0	0	-2.283e+004	0	0	0
4113	0	0	-1.545e+004	0	0	0
4114	0	0	-1.829e+004	0	0	0
4115	0	0	-2.124e+004	0	0	0
4116	0	0	-2.45e+004	0	0	0
4117	0	0	-8808	0	0	0
4118	0	0	-6343	0	0	0
4119	0	0	-6343	0	0	0
4120	0	0	-6343	0	0	0
4121	0	0	-6234	0	0	0
4122	0	0	-6271	0	0	0
4123	0	0	-6343	0	0	0
4124	0	0	-7605	0	0	0
4125	0	0	-7605	0	0	0
4126	0	0	-5869	0	0	0
4127	0	0	-3478	0	0	0
4128	0	0	-77.02	0	0	0
4163	0	0	-1.109e+004	0	0	0
4173	0	0	-2.738e+004	0	0	0
4174	0	0	-2.283e+004	0	0	0
4175	0	0	-1.545e+004	0	0	0
4176	0	0	-1.829e+004	0	0	0
4177	0	0	-2.124e+004	0	0	0
4178	0	0	-2.45e+004	0	0	0

PROJECT TITLE :

	Company				Client		
	Author				File Name	impalcatoUP8-UP9-rev6-IN.mdl	


4179	0	0	-8808	0	0	0
4180	0	0	-6343	0	0	0
4181	0	0	-6343	0	0	0
4182	0	0	-6343	0	0	0
4183	0	0	-6234	0	0	0
4184	0	0	-6271	0	0	0
4185	0	0	-6343	0	0	0
4186	0	0	-7605	0	0	0
4187	0	0	-7605	0	0	0
4188	0	0	-5869	0	0	0
4189	0	0	-3478	0	0	0
4190	0	0	-77.02	0	0	0
4225	0	0	-1.109e+004	0	0	0
4235	0	0	-2.738e+004	0	0	0
4236	0	0	-2.283e+004	0	0	0
4237	0	0	-1.545e+004	0	0	0
4238	0	0	-1.829e+004	0	0	0
4239	0	0	-2.124e+004	0	0	0
4240	0	0	-2.45e+004	0	0	0
4241	0	0	-8808	0	0	0
4242	0	0	-6343	0	0	0
4243	0	0	-6343	0	0	0
4244	0	0	-6343	0	0	0
4245	0	0	-6234	0	0	0
4246	0	0	-6271	0	0	0
4247	0	0	-6343	0	0	0
4248	0	0	-7605	0	0	0
4249	0	0	-7605	0	0	0
4250	0	0	-5869	0	0	0
4251	0	0	-3478	0	0	0
4252	0	0	-77.02	0	0	0
4287	0	0	-1.109e+004	0	0	0
4297	0	0	-2.738e+004	0	0	0
4298	0	0	-2.283e+004	0	0	0
4299	0	0	-1.545e+004	0	0	0
4300	0	0	-1.829e+004	0	0	0
4301	0	0	-2.124e+004	0	0	0
4302	0	0	-2.45e+004	0	0	0
4303	0	0	-8808	0	0	0
4304	0	0	-6343	0	0	0
4305	0	0	-6343	0	0	0
4306	0	0	-6343	0	0	0
4307	0	0	-6234	0	0	0
4308	0	0	-6271	0	0	0
4309	0	0	-6343	0	0	0
4310	0	0	-7605	0	0	0
4311	0	0	-7605	0	0	0
4312	0	0	-5869	0	0	0
4313	0	0	-3478	0	0	0
4314	0	0	-77.02	0	0	0
4349	0	0	-1.109e+004	0	0	0
4359	0	0	-2.738e+004	0	0	0
4360	0	0	-2.283e+004	0	0	0
4361	0	0	-1.545e+004	0	0	0
4362	0	0	-1.829e+004	0	0	0
4363	0	0	-2.124e+004	0	0	0
4364	0	0	-2.45e+004	0	0	0
4365	0	0	-8808	0	0	0
4366	0	0	-6343	0	0	0
4367	0	0	-6343	0	0	0
4368	0	0	-6343	0	0	0
4369	0	0	-6234	0	0	0
4370	0	0	-6271	0	0	0
4371	0	0	-6343	0	0	0
4372	0	0	-7605	0	0	0
4373	0	0	-7605	0	0	0
4374	0	0	-5869	0	0	0
4375	0	0	-3478	0	0	0
4376	0	0	-77.02	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	


4411	0	0	-1.109e+004	0	0	0
4421	0	0	-2.738e+004	0	0	0
4422	0	0	-2.283e+004	0	0	0
4423	0	0	-1.545e+004	0	0	0
4424	0	0	-1.829e+004	0	0	0
4425	0	0	-2.124e+004	0	0	0
4426	0	0	-2.45e+004	0	0	0
4427	0	0	-8808	0	0	0
4428	0	0	-6343	0	0	0
4429	0	0	-6343	0	0	0
4430	0	0	-6343	0	0	0
4431	0	0	-6234	0	0	0
4432	0	0	-6271	0	0	0
4433	0	0	-6343	0	0	0
4434	0	0	-7605	0	0	0
4435	0	0	-7605	0	0	0
4436	0	0	-5869	0	0	0
4437	0	0	-3478	0	0	0
4438	0	0	-77.02	0	0	0
4473	0	0	-1.109e+004	0	0	0
4483	0	0	-2.738e+004	0	0	0
4484	0	0	-2.283e+004	0	0	0
4485	0	0	-1.545e+004	0	0	0
4486	0	0	-1.829e+004	0	0	0
4487	0	0	-2.124e+004	0	0	0
4488	0	0	-2.45e+004	0	0	0
4489	0	0	-8808	0	0	0
4490	0	0	-6343	0	0	0
4491	0	0	-6343	0	0	0
4492	0	0	-6343	0	0	0
4493	0	0	-6234	0	0	0
4494	0	0	-6271	0	0	0
4495	0	0	-6343	0	0	0
4496	0	0	-7605	0	0	0
4497	0	0	-7605	0	0	0
4498	0	0	-5869	0	0	0
4499	0	0	-3478	0	0	0
4500	0	0	-77.02	0	0	0
4535	0	0	-1.109e+004	0	0	0
4545	0	0	-1.689e+005	0	0	0
4546	0	0	-2.383e+004	0	0	0
4547	0	0	-1.545e+004	0	0	0
4548	0	0	-1.829e+004	0	0	0
4549	0	0	-1.085e+005	0	0	0
4550	0	0	-7.986e+004	0	0	0
4551	0	0	-8808	0	0	0
4552	0	0	-6343	0	0	0
4553	0	0	-6343	0	0	0
4554	0	0	-6343	0	0	0
4555	0	0	-6234	0	0	0
4556	0	0	-6271	0	0	0
4557	0	0	-6343	0	0	0
4558	0	0	-7605	0	0	0
4559	0	0	-7605	0	0	0
4560	0	0	-5869	0	0	0
4561	0	0	-3478	0	0	0
4562	0	0	-77.02	0	0	0
4597	0	0	-1.109e+004	0	0	0
4607	0	0	-4.816e+005	0	0	0
4608	0	0	-2.604e+004	0	0	0
4609	0	0	-1.545e+004	0	0	0
4610	0	0	-1.829e+004	0	0	0
4611	0	0	-3.011e+005	0	0	0
4612	0	0	-2.424e+005	0	0	0
4613	0	0	-6.361e+004	0	0	0
4614	0	0	-6343	0	0	0
4615	0	0	-6343	0	0	0
4616	0	0	-6.449e+004	0	0	0
4617	0	0	-4.314e+004	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	

4618	0	0	-9.655e+004	0	0	0
4619	0	0	-6.854e+004	0	0	0
4620	0	0	-7605	0	0	0
4621	0	0	-9101	0	0	0
4622	0	0	-1.568e+005	0	0	0
4623	0	0	-3478	0	0	0
4624	0	0	-77.02	0	0	0
4666	0	0	-2.738e+004	0	0	0
4667	0	0	-2.283e+004	0	0	0
4668	0	0	-1.545e+004	0	0	0
4669	0	0	-1.829e+004	0	0	0
4670	0	0	-2.124e+004	0	0	0
4671	0	0	-1.536e+005	0	0	0
4672	0	0	-1.846e+005	0	0	0
4673	0	0	-6343	0	0	0
4674	0	0	-6343	0	0	0
4675	0	0	-1.929e+005	0	0	0
4676	0	0	-1.246e+005	0	0	0
4677	0	0	-3.441e+004	0	0	0
4678	0	0	-2.573e+004	0	0	0
4679	0	0	-7605	0	0	0
4680	0	0	-8071	0	0	0
4681	0	0	-5.293e+004	0	0	0
4682	0	0	-3478	0	0	0
4683	0	0	-77.02	0	0	0
4724	0	0	-2.738e+004	0	0	0
4725	0	0	-2.283e+004	0	0	0
4726	0	0	-1.545e+004	0	0	0
4727	0	0	-1.829e+004	0	0	0
4728	0	0	-2.124e+004	0	0	0
4729	0	0	-2.45e+004	0	0	0
4730	0	0	-8808	0	0	0
4731	0	0	-6343	0	0	0
4732	0	0	-6343	0	0	0
4733	0	0	-6343	0	0	0
4734	0	0	-6234	0	0	0
4735	0	0	-6271	0	0	0
4736	0	0	-6343	0	0	0
4737	0	0	-7605	0	0	0
4738	0	0	-7605	0	0	0
4739	0	0	-5869	0	0	0
4740	0	0	-3478	0	0	0
4741	0	0	-77.02	0	0	0
4785	0	0	-2.738e+004	0	0	0
4786	0	0	-2.283e+004	0	0	0
4787	0	0	-1.545e+004	0	0	0
4788	0	0	-1.829e+004	0	0	0
4789	0	0	-2.124e+004	0	0	0
4790	0	0	-2.45e+004	0	0	0
4791	0	0	-8808	0	0	0
4792	0	0	-6343	0	0	0
4793	0	0	-6343	0	0	0
4794	0	0	-6343	0	0	0
4795	0	0	-6234	0	0	0
4796	0	0	-6271	0	0	0
4797	0	0	-6343	0	0	0
4798	0	0	-7605	0	0	0
4799	0	0	-7605	0	0	0
4800	0	0	-5869	0	0	0
4801	0	0	-3478	0	0	0
4802	0	0	-77.02	0	0	0
4846	0	0	-2.738e+004	0	0	0
4847	0	0	-2.283e+004	0	0	0
4848	0	0	-1.545e+004	0	0	0
4849	0	0	-1.829e+004	0	0	0
4850	0	0	-2.124e+004	0	0	0
4851	0	0	-2.45e+004	0	0	0
4852	0	0	-8808	0	0	0
4853	0	0	-6343	0	0	0

PROJECT TITLE :

	Company						Client
	Author						File Name
							impalcatoUP8-UP9-rev6-IN.mdl


4854	0	0	-6343	0	0	0
4855	0	0	-6343	0	0	0
4856	0	0	-6234	0	0	0
4857	0	0	-6271	0	0	0
4858	0	0	-6343	0	0	0
4859	0	0	-7605	0	0	0
4860	0	0	-7605	0	0	0
4861	0	0	-5869	0	0	0
4862	0	0	-3478	0	0	0
4863	0	0	-77.02	0	0	0
4907	0	0	-2.738e+004	0	0	0
4908	0	0	-2.283e+004	0	0	0
4909	0	0	-1.545e+004	0	0	0
4910	0	0	-1.829e+004	0	0	0
4911	0	0	-2.124e+004	0	0	0
4912	0	0	-2.45e+004	0	0	0
4913	0	0	-8808	0	0	0
4914	0	0	-6343	0	0	0
4915	0	0	-6343	0	0	0
4916	0	0	-6343	0	0	0
4917	0	0	-6234	0	0	0
4918	0	0	-6271	0	0	0
4919	0	0	-6343	0	0	0
4920	0	0	-7605	0	0	0
4921	0	0	-7605	0	0	0
4922	0	0	-5869	0	0	0
4923	0	0	-3478	0	0	0
4924	0	0	-77.02	0	0	0
4967	0	0	-2.738e+004	0	0	0
4968	0	0	-2.283e+004	0	0	0
4969	0	0	-1.545e+004	0	0	0
4970	0	0	-1.829e+004	0	0	0
4971	0	0	-2.124e+004	0	0	0
4972	0	0	-2.45e+004	0	0	0
4973	0	0	-8808	0	0	0
4974	0	0	-6343	0	0	0
4975	0	0	-6343	0	0	0
4976	0	0	-6343	0	0	0
4977	0	0	-6234	0	0	0
4978	0	0	-6271	0	0	0
4979	0	0	-6343	0	0	0
4980	0	0	-7605	0	0	0
4981	0	0	-7605	0	0	0
4982	0	0	-5869	0	0	0
4983	0	0	-3478	0	0	0
4984	0	0	-77.02	0	0	0
5027	0	0	-2.738e+004	0	0	0
5028	0	0	-2.283e+004	0	0	0
5029	0	0	-1.545e+004	0	0	0
5030	0	0	-1.829e+004	0	0	0
5031	0	0	-2.124e+004	0	0	0
5032	0	0	-2.45e+004	0	0	0
5033	0	0	-8808	0	0	0
5034	0	0	-6343	0	0	0
5035	0	0	-6343	0	0	0
5036	0	0	-6343	0	0	0
5037	0	0	-6234	0	0	0
5038	0	0	-6271	0	0	0
5039	0	0	-6343	0	0	0
5040	0	0	-7605	0	0	0
5041	0	0	-7605	0	0	0
5042	0	0	-5869	0	0	0
5043	0	0	-3478	0	0	0
5044	0	0	-77.02	0	0	0
5088	0	0	-2.738e+004	0	0	0
5089	0	0	-2.283e+004	0	0	0
5090	0	0	-1.545e+004	0	0	0
5091	0	0	-1.829e+004	0	0	0
5092	0	0	-2.124e+004	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	


5093	0	0	-2.45e+004	0	0	0
5094	0	0	-8808	0	0	0
5095	0	0	-6343	0	0	0
5096	0	0	-6343	0	0	0
5097	0	0	-6343	0	0	0
5098	0	0	-6234	0	0	0
5099	0	0	-6271	0	0	0
5100	0	0	-6343	0	0	0
5101	0	0	-7605	0	0	0
5102	0	0	-7605	0	0	0
5103	0	0	-5869	0	0	0
5104	0	0	-3478	0	0	0
5105	0	0	-77.02	0	0	0
5148	0	0	-2.738e+004	0	0	0
5149	0	0	-2.283e+004	0	0	0
5150	0	0	-1.545e+004	0	0	0
5151	0	0	-1.829e+004	0	0	0
5152	0	0	-2.124e+004	0	0	0
5153	0	0	-2.45e+004	0	0	0
5154	0	0	-8808	0	0	0
5155	0	0	-6343	0	0	0
5156	0	0	-6343	0	0	0
5157	0	0	-6343	0	0	0
5158	0	0	-6234	0	0	0
5159	0	0	-6271	0	0	0
5160	0	0	-6343	0	0	0
5161	0	0	-7605	0	0	0
5162	0	0	-7605	0	0	0
5163	0	0	-5869	0	0	0
5164	0	0	-3478	0	0	0
5165	0	0	-77.02	0	0	0
5204	0	0	-1.109e+004	0	0	0
5214	0	0	-2.738e+004	0	0	0
5215	0	0	-2.283e+004	0	0	0
5216	0	0	-1.545e+004	0	0	0
5217	0	0	-1.829e+004	0	0	0
5218	0	0	-2.124e+004	0	0	0
5219	0	0	-2.45e+004	0	0	0
5220	0	0	-8808	0	0	0
5221	0	0	-6343	0	0	0
5222	0	0	-6343	0	0	0
5223	0	0	-6343	0	0	0
5224	0	0	-6234	0	0	0
5225	0	0	-6271	0	0	0
5226	0	0	-6343	0	0	0
5227	0	0	-7605	0	0	0
5228	0	0	-7605	0	0	0
5229	0	0	-5869	0	0	0
5230	0	0	-3478	0	0	0
5231	0	0	-77.02	0	0	0
5270	0	0	-1.109e+004	0	0	0
5280	0	0	-2.738e+004	0	0	0
5281	0	0	-2.283e+004	0	0	0
5282	0	0	-1.545e+004	0	0	0
5283	0	0	-1.829e+004	0	0	0
5284	0	0	-2.124e+004	0	0	0
5285	0	0	-2.45e+004	0	0	0
5286	0	0	-8808	0	0	0
5287	0	0	-6343	0	0	0
5288	0	0	-6343	0	0	0
5289	0	0	-6343	0	0	0
5290	0	0	-6234	0	0	0
5291	0	0	-6271	0	0	0
5292	0	0	-6343	0	0	0
5293	0	0	-7605	0	0	0
5294	0	0	-7605	0	0	0
5295	0	0	-5869	0	0	0
5296	0	0	-3478	0	0	0
5297	0	0	-77.02	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5337	0	0	-1.109e+004	0	0	0
5347	0	0	-2.738e+004	0	0	0
5348	0	0	-2.283e+004	0	0	0
5349	0	0	-1.545e+004	0	0	0
5350	0	0	-1.829e+004	0	0	0
5351	0	0	-2.124e+004	0	0	0
5352	0	0	-2.45e+004	0	0	0
5353	0	0	-8808	0	0	0
5354	0	0	-6343	0	0	0
5355	0	0	-6343	0	0	0
5356	0	0	-6343	0	0	0
5357	0	0	-6234	0	0	0
5358	0	0	-6271	0	0	0
5359	0	0	-6343	0	0	0
5360	0	0	-7605	0	0	0
5361	0	0	-7605	0	0	0
5362	0	0	-5869	0	0	0
5363	0	0	-3478	0	0	0
5364	0	0	-77.02	0	0	0
5403	0	0	-1.109e+004	0	0	0
5413	0	0	-2.738e+004	0	0	0
5414	0	0	-2.283e+004	0	0	0
5415	0	0	-1.545e+004	0	0	0
5416	0	0	-1.829e+004	0	0	0
5417	0	0	-2.124e+004	0	0	0
5418	0	0	-2.45e+004	0	0	0
5419	0	0	-8808	0	0	0
5420	0	0	-6343	0	0	0
5421	0	0	-6343	0	0	0
5422	0	0	-6343	0	0	0
5423	0	0	-6234	0	0	0
5424	0	0	-6271	0	0	0
5425	0	0	-6343	0	0	0
5426	0	0	-7605	0	0	0
5427	0	0	-7605	0	0	0
5428	0	0	-5869	0	0	0
5429	0	0	-3478	0	0	0
5430	0	0	-77.02	0	0	0
5470	0	0	-1.109e+004	0	0	0
5480	0	0	-2.738e+004	0	0	0
5481	0	0	-2.283e+004	0	0	0
5482	0	0	-1.545e+004	0	0	0
5483	0	0	-1.829e+004	0	0	0
5484	0	0	-2.124e+004	0	0	0
5485	0	0	-2.45e+004	0	0	0
5486	0	0	-8808	0	0	0
5487	0	0	-6343	0	0	0
5488	0	0	-6343	0	0	0
5489	0	0	-6343	0	0	0
5490	0	0	-6234	0	0	0
5491	0	0	-6271	0	0	0
5492	0	0	-6343	0	0	0
5493	0	0	-7605	0	0	0
5494	0	0	-7605	0	0	0
5495	0	0	-5869	0	0	0
5496	0	0	-3478	0	0	0
5497	0	0	-77.02	0	0	0
5537	0	0	-1.109e+004	0	0	0
5547	0	0	-2.738e+004	0	0	0
5548	0	0	-2.283e+004	0	0	0
5549	0	0	-1.545e+004	0	0	0
5550	0	0	-1.829e+004	0	0	0
5551	0	0	-2.124e+004	0	0	0
5552	0	0	-2.45e+004	0	0	0
5553	0	0	-8808	0	0	0
5554	0	0	-6343	0	0	0
5555	0	0	-6343	0	0	0
5556	0	0	-6343	0	0	0
5557	0	0	-6234	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	


5558	0	0	-6271	0	0	0
5559	0	0	-6343	0	0	0
5560	0	0	-7605	0	0	0
5561	0	0	-7605	0	0	0
5562	0	0	-5869	0	0	0
5563	0	0	-3478	0	0	0
5564	0	0	-77.02	0	0	0
5606	0	0	-1.109e+004	0	0	0
5616	0	0	-2.738e+004	0	0	0
5617	0	0	-2.283e+004	0	0	0
5618	0	0	-1.545e+004	0	0	0
5619	0	0	-1.829e+004	0	0	0
5620	0	0	-2.124e+004	0	0	0
5621	0	0	-2.45e+004	0	0	0
5622	0	0	-8808	0	0	0
5623	0	0	-6343	0	0	0
5624	0	0	-6343	0	0	0
5625	0	0	-6343	0	0	0
5626	0	0	-6234	0	0	0
5627	0	0	-6271	0	0	0
5628	0	0	-6343	0	0	0
5629	0	0	-7605	0	0	0
5630	0	0	-7605	0	0	0
5631	0	0	-5869	0	0	0
5632	0	0	-3478	0	0	0
5633	0	0	-77.02	0	0	0
5674	0	0	-1.109e+004	0	0	0
5684	0	0	-2.738e+004	0	0	0
5685	0	0	-2.283e+004	0	0	0
5686	0	0	-1.545e+004	0	0	0
5687	0	0	-1.829e+004	0	0	0
5688	0	0	-2.124e+004	0	0	0
5689	0	0	-2.45e+004	0	0	0
5690	0	0	-8808	0	0	0
5691	0	0	-6343	0	0	0
5692	0	0	-6343	0	0	0
5693	0	0	-6343	0	0	0
5694	0	0	-6234	0	0	0
5695	0	0	-6271	0	0	0
5696	0	0	-6343	0	0	0
5697	0	0	-7605	0	0	0
5698	0	0	-7605	0	0	0
5699	0	0	-5869	0	0	0
5700	0	0	-3478	0	0	0
5701	0	0	-77.02	0	0	0
5744	0	0	-1.109e+004	0	0	0
5754	0	0	-2.738e+004	0	0	0
5755	0	0	-2.283e+004	0	0	0
5756	0	0	-1.545e+004	0	0	0
5757	0	0	-1.829e+004	0	0	0
5758	0	0	-2.124e+004	0	0	0
5759	0	0	-2.45e+004	0	0	0
5760	0	0	-8808	0	0	0
5761	0	0	-6343	0	0	0
5762	0	0	-6343	0	0	0
5763	0	0	-6343	0	0	0
5764	0	0	-6234	0	0	0
5765	0	0	-6271	0	0	0
5766	0	0	-6343	0	0	0
5767	0	0	-7605	0	0	0
5768	0	0	-7605	0	0	0
5769	0	0	-5869	0	0	0
5770	0	0	-3478	0	0	0
5771	0	0	-77.02	0	0	0
5811	0	0	-1.109e+004	0	0	0
5821	0	0	-2.738e+004	0	0	0
5822	0	0	-2.283e+004	0	0	0
5823	0	0	-1.545e+004	0	0	0
5824	0	0	-1.829e+004	0	0	0

PROJECT TITLE :

	Company			Client		
	Author			File Name	impalcatoUP8-UP9-rev6-IN.mdl	

5825	0	0	-2.124e+004	0	0	0
5826	0	0	-2.45e+004	0	0	0
5827	0	0	-8808	0	0	0
5828	0	0	-6343	0	0	0
5829	0	0	-6343	0	0	0
5830	0	0	-6343	0	0	0
5831	0	0	-6234	0	0	0
5832	0	0	-6271	0	0	0
5833	0	0	-6343	0	0	0
5834	0	0	-7605	0	0	0
5835	0	0	-7605	0	0	0
5836	0	0	-5869	0	0	0
5837	0	0	-3478	0	0	0
5838	0	0	-77.02	0	0	0
5882	0	0	-1.109e+004	0	0	0
5892	0	0	-2.738e+004	0	0	0
5893	0	0	-2.283e+004	0	0	0
5894	0	0	-1.545e+004	0	0	0
5895	0	0	-1.829e+004	0	0	0
5896	0	0	-2.124e+004	0	0	0
5897	0	0	-2.45e+004	0	0	0
5898	0	0	-8808	0	0	0
5899	0	0	-6343	0	0	0
5900	0	0	-6343	0	0	0
5901	0	0	-6343	0	0	0
5902	0	0	-6234	0	0	0
5903	0	0	-6271	0	0	0
5904	0	0	-6343	0	0	0
5905	0	0	-7605	0	0	0
5906	0	0	-7605	0	0	0
5907	0	0	-5869	0	0	0
5908	0	0	-3478	0	0	0
5909	0	0	-77.02	0	0	0
5963	0	0	-2.182e+004	0	0	0
5964	0	0	-1.82e+004	0	0	0
5965	0	0	-1.231e+004	0	0	0
5966	0	0	-1.458e+004	0	0	0
5967	0	0	-1.693e+004	0	0	0
5968	0	0	-1.953e+004	0	0	0
5969	0	0	-7021	0	0	0
5970	0	0	-5055	0	0	0
5971	0	0	-5055	0	0	0
5972	0	0	-5055	0	0	0
5973	0	0	-4969	0	0	0
5974	0	0	-4998	0	0	0
5975	0	0	-5055	0	0	0
5976	0	0	-6061	0	0	0
5977	0	0	-6061	0	0	0
5978	0	0	-4678	0	0	0
5979	0	0	-2772	0	0	0
5980	0	0	-61.39	0	0	0
6008	0	0	-2.738e+004	0	0	0
6009	0	0	-2.283e+004	0	0	0
6010	0	0	-1.545e+004	0	0	0
6011	0	0	-1.829e+004	0	0	0
6012	0	0	-2.124e+004	0	0	0
6013	0	0	-2.45e+004	0	0	0
6014	0	0	-8808	0	0	0
6015	0	0	-6343	0	0	0
6016	0	0	-6343	0	0	0
6017	0	0	-6343	0	0	0
6018	0	0	-6234	0	0	0
6019	0	0	-6271	0	0	0
6020	0	0	-6343	0	0	0
6021	0	0	-7605	0	0	0
6022	0	0	-7605	0	0	0
6023	0	0	-5869	0	0	0
6024	0	0	-3478	0	0	0
6025	0	0	-77.02	0	0	0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

[LOAD CASE : q]

[LOAD CASE : q1]

[LOAD CASE : q2]

[LOAD CASE : f1]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ
4681	0	0	-6e+005	0	0	0

[LOAD CASE : f2]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ
4666	0	0	-6e+005	0	0	0

[LOAD CASE : f3]

** NODAL LOAD DATA

NODE	FX	FY	FZ	MX	MY	MZ
4662	0	0	-6e+005	0	0	0

[LOAD CASE : vento y]

[LOAD CASE : vento -y]

[LOAD CASE : sisms y]

** SELF WEIGHT DATA

; X=0, Y=0.1, Z=0

[LOAD CASE : cedimento]

** SPECIFIED DISPLACEMENT DATA

NODE	FLAG	DX	DY	DZ	MX	MY	MZ
8	001000	0	0	-20	0	0	0
567	001000	0	0	-20	0	0	0
570	001000	0	0	-20	0	0	0

[LOAD CASE : f4]

[LOAD CASE : f5]

[LOAD CASE : perm]

[LOAD CASE : f6]

*** LOAD COMBINATION DATA

** GENERAL

NO	NAME	TYPE	ACTIVE	DESCRIPTION
----	------	------	--------	-------------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-IN.mdl

1	INV-c mob	Envelope	ACTIVE
2	c mob+perm	Add	ACTIVE
3	c mom+per~	Add	ACTIVE
4	INV TOT-t~	Envelope	ACTIVE
5	SLU IMPAL~	Add	ACTIVE
6	INV TOT-t~	Envelope	ACTIVE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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*****
****
**          Gen 2011          Modeling, Integrated Design & Analysis Software
**
**          GENERAL STRUCTURE DESIGN SYSTEM
**
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          XXX  XXX  XX  XXXXXXXX  XXXXXXXX  XXXXXXXX
        XXXX XXXX  XX  XX  XX  XX  XX  XX  XX
       XX XXX XX  XX  XX  XX  XX  XX  XX
      XX  X  XX  XX  XX  XX  XXXXXXXX  XXXXXXXX
     XXX  XX  XXX  XXX  XX  XX  XX  XXX
    XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
   XXX  XX  XXX  XXX  XX  XXX  XX  XX  XXX
  XXX  XX  XXX  XXXXXXXX  XXX  XX  XXXXXXXX /Gen

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Gen 2011

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MIDAS TEAM

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ANALYSIS RESULT OUTPUT

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

LOAD SET FOR REACTION OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
cedime~1	cedimento	Static	2 cm pile nuove
c mob+~1	c mob+perm	Gen.Envl	
c mom+~1	c mom+perm+ced	Gen.Envl	
INV TO~1	INV TOT-trasv	Gen.Envl	
INV TO~2	INV TOT-trave	Gen.Envl	

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE TYPE	ANAL. TYPE	DESCRIPTION	STATIC LOAD CASE DETAIL
c mob-a	Moving	lato impalcato esistente	
c mob-b	Moving	lato allargamento	
pp	Static		User Defined Load (USER)
vento -y	Static		User Defined Load (USER)
cedime~1	Static	2 cm pile nuove	User Defined Load (USER)
perm	Static		User Defined Load (USER)

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
INV TO~1	Gen.Envl	1.000 x c mob+~1 , 1.000 x c mom+~1
INV TO~2	Gen.Envl	1.000 x INV TO~1 , 1.350 x pp

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

LOAD SET FOR ELEMENT OUTPUT - Load Set 1

<< LOAD COMB/CASE/ENVEL ABBREVIATION TABLE >>

ABBREVIATION	FULL NAME	TYPE	DESCRIPTION
cedime~1	cedimento	Static	2 cm pile nuove

<< SELECTED LOAD CASE/COMBINATION DETAIL LIST >>

[Selected Load Cases]

LOAD CASE TYPE	ANAL. TYPE	DESCRIPTION	STATIC LOAD CASE DETAIL
c mob-a	Moving	lato impalcato esistente	
c mob-b	Moving	lato allargamento	
pp	Static		User Defined Load (USER)
vento -y	Static		User Defined Load (USER)
cedime~1	Static	2 cm pile nuove	User Defined Load (USER)
perm	Static		User Defined Load (USER)

[Selected Load Combinations]

L. COMB	TYPE	COMBINATION DETAIL
INV TO~1	Gen.Envl	1.000 x c mob+~1 , 1.000 x c mom+~1
INV TO~2	Gen.Envl	1.000 x INV TO~1 , 1.350 x pp

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

REACTION FORCES & MOMENTS DEFAULT PRINTOUT

Unit System : N , mm

Node	LC		FX	FY	FZ	MX	MY	MZ
8	c mob-a	Max	0.0	29033.3	511615.9	0.0	0.0	0.0
		Min	0.0	-51453.2	-3410.3	0.0	0.0	0.0
	c mob-b	Max	0.0	27868.1	515905.3	0.0	0.0	0.0
		Min	0.0	-62237.5	-2804.8	0.0	0.0	0.0
	pp		0.0	-57022.4	1628180.8	0.0	0.0	0.0
	vento -y		0.0	2761.8	18722.5	0.0	0.0	0.0
	cedime~1		0.0	-112021.3	-502924.8	0.0	0.0	0.0
	perm		0.0	-34527.9	631388.0	0.0	0.0	0.0
	INV TO~1	Max	0.0	4667.1	1327860.2	0.0	0.0	0.0
		Min	0.0	-230569.8	123859.3	0.0	0.0	0.0
	INV TO~2	Max	0.0	4667.1	2198044.1	0.0	0.0	0.0
		Min	0.0	-230569.8	123859.3	0.0	0.0	0.0
567	c mob-a	Max	0.0	118202.7	1107999.3	0.0	0.0	0.0
		Min	0.0	-112169.5	-9790.7	0.0	0.0	0.0
	c mob-b	Max	0.0	92883.4	1183413.4	0.0	0.0	0.0
		Min	0.0	-198300.2	-17361.5	0.0	0.0	0.0
	pp		0.0	-158657.8	1271797.7	0.0	0.0	0.0
	vento -y		0.0	11739.3	8626.5	0.0	0.0	0.0
	cedime~1		0.0	-176859.4	-720504.5	0.0	0.0	0.0
	perm		0.0	-90712.7	423096.9	0.0	0.0	0.0
	INV TO~1	Max	0.0	68860.9	2020704.9	0.0	0.0	0.0
		Min	0.0	-535277.4	-320845.7	0.0	0.0	0.0
	INV TO~2	Max	0.0	68860.9	2020704.9	0.0	0.0	0.0
		Min	0.0	-535277.4	-320845.7	0.0	0.0	0.0
570	c mob-a	Max	0.0	0.0	546577.3	0.0	0.0	0.0
		Min	0.0	0.0	-89057.7	0.0	0.0	0.0
	c mob-b	Max	0.0	0.0	1049340.0	0.0	0.0	0.0
		Min	0.0	0.0	-67914.6	0.0	0.0	0.0
	pp		0.0	0.0	891627.5	0.0	0.0	0.0
	vento -y		0.0	0.0	10792.2	0.0	0.0	0.0
	cedime~1		0.0	0.0	114435.1	0.0	0.0	0.0
	perm		0.0	0.0	465970.9	0.0	0.0	0.0
	INV TO~1	Max	0.0	0.0	1997015.0	0.0	0.0	0.0
		Min	0.0	0.0	345743.0	0.0	0.0	0.0
	INV TO~2	Max	0.0	0.0	1997015.0	0.0	0.0	0.0
		Min	0.0	0.0	345743.0	0.0	0.0	0.0

SUMMATION OF REACTION FORCES

LC	SUM-FX	SUM-FY	SUM-FZ
pp	-0.0	0.0	28353844.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

vento -y	0.0	766842.2	-0.0
cedime~1	-0.0	0.0	0.8
perm	-0.0	0.0	6664069.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

REACTION FORCES & MOMENTS LOCAL PRINTOUT

Unit System : N , mm

Node LC FX FY FZ MX MY MZ

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

PLATE ELEMENT FORCES (LOCAL, UNIT LENGTH) PRINTOUT

Unit System : N , mm

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

1	2	14	c mob-a	Max	Cent	19.8	0.1	6.5	21.8	-1.8
	16.76				574	9.2	5.6	6.5	14.1	0.6
	37.30				564	9.2	3.0	6.5	13.3	-1.1
	32.39				563	31.2	3.0	6.5	32.6	1.6
	12.41				573	31.2	5.6	6.5	32.8	4.0
	13.48			Min	Cent	-10.4	-0.1	-3.0	0.7	-11.2
	-74.95				574	-9.3	-2.8	-3.0	-1.6	-10.5
	-68.80				564	-9.3	-5.8	-3.0	-4.1	-11.0
	-60.29				563	-11.6	-5.8	-3.0	-4.5	-12.9
	-67.19				573	-11.6	-2.8	-3.0	-1.8	-12.6
	-73.00									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	499.9	65.0	156.8	550.6	14.4
	17.90				574	14.3	1062.6	145.3	1082.3	-5.4
	82.25				564	1009.5	225.5	210.3	1062.3	172.6
	14.11				563	967.7	6.7	214.3	1013.3	-38.9
	12.02				573	9.6	34.8	131.1	153.8	-109.5
	47.75			Min	Cent	-2984.0	-84.9	-230.5	-66.7	-3002.3
	-85.48				574	-83.1	-76.0	-335.0	255.5	-414.5
	-45.30				564	-6039.2	-1141.1	-215.7	-1131.6	-6048.6
	-87.48				563	-5671.3	-42.5	-157.6	-38.1	-5675.7
	-88.40				573	-150.9	-4.1	-265.8	198.3	-353.3
	-52.72									

				NODE	Vxx	Vyy				

				Max	Cent	5.9	0.5			
					574	5.8	4.0			
					564	5.8	0.8			
					563	6.0	0.8			
					573	6.0	4.0			
				Min	Cent	-1.0	-0.4			
					574	-1.0	-0.3			
					564	-1.0	-3.9			
					563	-1.0	-3.9			
					573	-1.0	-0.3			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

16.90	c mob-b	Max Cent	37.3	0.2	12.4	41.0	-3.5
40.45		574	14.7	10.7	12.4	25.2	0.1
33.24		564	14.7	3.9	12.4	22.8	-4.3
11.90		563	60.1	3.9	12.4	62.7	1.2
13.33		573	60.1	10.7	12.4	63.0	7.7
-75.94		Min Cent	-13.7	-0.2	-3.6	0.7	-14.6
-75.01		574	-15.9	-3.4	-3.6	-2.5	-16.9
-61.89		564	-15.9	-11.1	-3.6	-9.2	-17.8
-52.17		563	-12.9	-11.1	-3.6	-8.3	-15.7
-71.43		573	-12.9	-3.4	-3.6	-2.2	-14.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

20.54		Max Cent	386.8	62.0	141.5	439.8	8.9
86.73		574	11.2	2022.0	115.3	2028.6	4.6
17.60		564	780.6	179.3	212.2	848.0	111.9
16.33		563	751.4	5.4	239.2	821.4	-64.7
51.21		573	5.7	52.7	106.6	138.3	-80.0
-85.22		Min Cent	-5713.5	-168.4	-467.1	-129.3	-5752.6
-47.28		574	-157.2	-52.4	-657.6	554.9	-764.4
-87.37		564	-11560.5	-2255.9	-427.7	-2236.3	-11580.2
-88.36		563	-10866.5	-83.3	-309.6	-74.4	-10875.4
-52.19		573	-274.2	-5.3	-524.7	401.9	-681.4
		NODE	Vxx	Vyy			
		Max Cent	11.3	0.6			
		574	11.0	7.6			
		564	11.0	0.6			
		563	11.5	0.6			
		573	11.5	7.6			
		Min Cent	-0.8	-0.9			
		574	-0.8	-0.2			
		564	-0.8	-7.8			
		563	-0.8	-7.8			
		573	-0.8	-0.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	22.4	-0.1	8.0	25.0	-2.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

17.63							
50.89		574	3.4	6.7	8.0	13.2	-3.1
28.63		564	3.4	-6.8	8.0	7.7	-11.2
9.11		563	41.5	-6.8	8.0	42.7	-8.1
12.29		573	41.5	6.7	8.0	43.2	5.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-86.42		Cent	-4831.1	-205.7	-290.2	-187.5	-4849.2
-72.88		574	-120.5	1275.9	-475.4	1422.4	-266.9
-88.41		564	-9841.4	-2066.3	-216.5	-2060.3	-9847.5
-89.37		563	-9147.4	-51.9	-100.5	-50.8	-9148.6
-54.04		573	-215.0	19.6	-359.4	280.4	-475.8

	NODE	Vxx	Vyy
	Cent	9.6	-1.1
	574	9.5	4.8
	564	9.5	-7.1
	563	9.7	-7.1
	573	9.7	4.8

LC

		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	------	-----	-----	-----	------	------

15.50	vento -y	Cent	0.4	0.0	0.1	0.5	-0.0
25.01		574	0.3	0.1	0.1	0.4	0.0
15.65		564	0.3	-0.1	0.1	0.4	-0.1
10.94		563	0.6	-0.1	0.1	0.6	-0.1
15.35		573	0.6	0.1	0.1	0.6	0.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

86.83		Cent	-54.8	1.7	3.1	1.9	-55.0
89.68		574	-1.4	26.3	0.2	26.3	-1.4
86.67		564	-111.0	-19.6	5.3	-19.3	-111.3
86.59		563	-103.1	-0.8	6.1	-0.4	-103.5
78.96		573	-3.7	1.0	1.0	1.2	-3.9

	NODE	Vxx	Vyy
	Cent	0.1	0.0
	574	0.1	0.1
	564	0.1	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			563	0.1	-0.1		
			573	0.1	0.1		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

23.02	cedime~1	Cent	1.8	-0.0	0.9	2.2	-0.4
77.44		574	-3.2	0.9	0.9	1.1	-3.4
69.58		564	-3.2	-1.0	0.9	-0.6	-3.5
6.92		563	6.7	-1.0	0.9	6.8	-1.1
8.98		573	6.7	0.9	0.9	6.9	0.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-69.56		Cent	-588.7	-88.7	-216.4	-8.0	-669.3
-41.87		574	-21.5	-70.4	-222.8	178.2	-270.2
-76.35		564	-1191.4	-264.6	-239.2	-206.5	-1249.5
-79.79		563	-1141.2	-2.8	-212.0	35.4	-1179.4
-43.82		573	-0.6	-16.8	-195.6	187.1	-204.5
		NODE	Vxx	Vyy			

		Cent	1.2	-0.6			
		574	1.2	-0.2			
		564	1.2	-1.0			
		563	1.2	-1.0			
		573	1.2	-0.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

17.32	perm	Cent	14.0	-0.1	4.9	15.6	-1.6
47.70		574	3.3	4.2	4.9	8.6	-1.2
26.11		564	3.3	-4.3	4.9	5.6	-6.7
9.25		563	24.8	-4.3	4.9	25.6	-5.1
12.63		573	24.8	4.2	4.9	25.9	3.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-85.24		Cent	-2539.6	-70.6	-207.0	-53.3	-2556.8
-71.01		574	-71.8	717.1	-308.0	823.1	-177.9
-87.62		564	-5139.4	-976.8	-173.6	-969.6	-5146.7
		563	-4833.1	-29.1	-109.5	-26.6	-4835.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.69
-51.94

NODE	Vxx	Vyy
Cent	5.0	-0.3
574	4.9	2.7
564	4.9	-3.4
563	5.1	-3.4
573	5.1	2.7

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Max	Cent	66.2	0.2	22.6	73.1	-3.0
		574	23.0	19.5	22.6	42.5	-0.9
		564	23.0	0.9	22.6	36.3	-12.3
		563	112.7	0.9	22.6	117.0	-3.4
		573	112.7	19.5	22.6	117.9	14.3
	Min	Cent	-4.4	-0.4	0.0	-0.3	-6.8
		574	-21.4	-0.4	0.0	-0.4	-21.4
		564	-21.4	-20.2	0.0	-19.7	-21.9
		563	7.4	-20.2	0.0	7.4	-20.3
		573	7.4	-0.4	0.0	7.4	-0.4

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin		
Max	Cent	-1864.7	17.2	4.7	17.2	-1864.7	
	574	-52.5	3446.8	-111.9	3450.4	-56.1	
	564	-3776.7	-672.4	112.8	-668.4	-3780.8	
	563	-3526.7	-20.1	213.3	-7.2	-3539.6	
	573	-101.0	77.7	-67.0	920.4	-123.3	
	Min	Cent	-10841.5	-386.6	-1054.1	-281.4	-10946.7
		574	-305.5	544.1	-1418.6	1442.6	-1361.5
		564	-21937.5	-4286.9	-990.2	-4231.6	-21992.9
		563	-20644.1	-144.5	-739.5	-127.3	-20670.7
		573	-484.7	-17.3	-1147.9	100.1	-1422.4

NODE	Vxx	Vyy	
Max	Cent	21.4	0.4
	574	21.1	13.0
	564	21.1	-2.3
	563	21.8	-2.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	573	21.8	13.0
Cent	574	3.7	-2.0
	564	3.6	2.1
	564	3.6	-14.8
	563	3.7	-14.8
	573	3.7	2.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

17.19	INV TO~2	Max Cent	66.2	0.2	22.6	73.1	-3.0
42.07		574	23.0	19.5	22.6	42.5	-0.9
31.45		564	23.0	0.9	22.6	36.3	-12.3
10.91		563	112.7	0.9	22.6	117.0	-3.4
12.92		573	112.7	19.5	22.6	117.9	14.3
89.75		Min Cent	-4.4	-0.4	0.0	-0.3	-6.8
89.94		574	-21.4	-0.4	0.0	-0.4	-21.4
60.25		564	-21.4	-20.2	0.0	-19.7	-21.9
0.04		563	7.4	-20.2	0.0	7.4	-20.3
0.13		573	7.4	-0.4	0.0	7.4	-0.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

89.86	Max Cent	-1864.7	17.2	4.7	17.2	-1864.7
-88.17	574	-52.5	3446.8	-111.9	3450.4	-56.1
87.92	564	-3776.7	-672.4	112.8	-668.4	-3780.8
86.53	563	-3526.7	-20.1	213.3	-7.2	-3539.6
-50.75	573	-101.0	77.7	-67.0	920.4	-123.3
-84.30	Min Cent	-10841.5	-386.6	-1054.1	-281.4	-10946.7
-55.30	574	-305.5	544.1	-1418.6	1442.6	-1361.5
-86.80	564	-21937.5	-4286.9	-990.2	-4231.6	-21992.9
-88.44	563	-20644.1	-144.5	-739.5	-127.3	-20670.7
-71.57	573	-484.7	-17.3	-1147.9	100.1	-1422.4

	NODE	Vxx	Vyy
Max	Cent	21.4	0.4
	574	21.1	13.0
	564	21.1	-2.3
	563	21.8	-2.3
	573	21.8	13.0
Min	Cent	3.7	-2.0
	574	3.6	2.1
	564	3.6	-14.8
	563	3.7	-14.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
					573	3.7	2.1			

	2	14	c mob-a	Max	Cent	64.4	0.2	6.2	65.0	-0.4
	5.43				564	51.8	7.7	6.2	52.6	6.9
	7.82				554	51.8	2.9	6.2	52.5	2.1
	7.08				553	77.0	2.9	6.2	77.5	2.4
	4.72				563	77.0	7.7	6.2	77.6	7.2
	5.04			Min	Cent	-29.2	-1.0	-2.6	-0.8	-29.4
	-84.78				564	-26.0	-2.8	-2.6	-2.5	-26.3
	-83.70				554	-26.0	-9.7	-2.6	-9.3	-26.4
	-81.17				553	-32.4	-9.7	-2.6	-9.4	-32.7
	-83.56				563	-32.4	-2.8	-2.6	-2.6	-32.6
	-85.03									
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	257.5	42.7	257.0	428.7	-128.5
	33.66				564	976.3	215.5	301.9	1081.5	110.3
	19.22				554	2708.9	297.7	251.9	2734.9	271.7
	5.90				553	2299.8	2.2	262.6	2329.4	-27.4
	6.44				563	961.2	32.0	243.3	1021.1	-27.9
	13.82			Min	Cent	-1574.5	-195.4	-302.9	-131.8	-1638.1
	-78.14				564	-5817.8	-1075.1	-165.2	-1069.4	-5823.6
	-88.01				554	-476.4	-47.6	-333.9	134.8	-658.8
	-61.35				553	-431.2	-34.6	-473.2	280.2	-746.0
	-56.37				563	-5475.7	-3.4	-298.0	12.8	-5491.8
	-86.89									
					NODE	Vxx	Vyy			
				Max	Cent	1.5	0.3			
					564	1.5	0.8			
					554	1.5	0.8			
					553	1.5	0.8			
					563	1.5	0.8			
				Min	Cent	-8.6	-1.6			
					564	-8.8	-3.9			
					554	-8.8	-0.1			
					553	-8.5	-0.1			
					563	-8.5	-3.9			
			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	c mob-b	Max	Cent	114.0	0.1	9.0	114.7	-0.6
4.47			564	92.0	12.1	9.0	93.0	11.1
6.32			554	92.0	2.9	9.0	92.9	2.0
5.69			553	136.0	2.9	9.0	136.6	2.3
3.83			563	136.0	12.1	9.0	136.7	11.5
4.11		Min	Cent	-38.3	-1.8	-3.6	-1.5	-38.7
-84.35			564	-37.3	-3.6	-3.6	-3.2	-37.7
-83.89			554	-37.3	-15.6	-3.6	-15.1	-37.9
-80.69			553	-39.4	-15.6	-3.6	-15.1	-40.0
-81.48			563	-39.4	-3.6	-3.6	-3.2	-39.8
-84.25								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	199.7	34.5	238.8	369.7	-135.6
35.46			564	755.7	171.8	349.9	919.5	8.0
25.08			554	5313.0	566.6	237.5	5324.9	554.8
2.86			553	4519.0	1.0	237.4	4531.4	-11.4
3.00			563	750.5	51.6	212.5	810.0	-7.9
15.65		Min	Cent	-2957.0	-401.5	-578.5	-276.6	-3081.9
-77.82			564	-11129.1	-2126.8	-307.7	-2116.3	-11139.6
-88.04			554	-369.2	-36.3	-636.6	455.2	-860.7
-52.33			553	-338.2	-59.9	-932.4	743.6	-1141.7
-49.24			563	-10474.7	-1.8	-576.4	29.8	-10506.4
-86.86								
			NODE	Vxx	Vyy			
		Max	Cent	1.2	0.3			
			564	1.2	0.6			
			554	1.2	1.5			
			553	1.2	1.5			
			563	1.2	0.6			
		Min	Cent	-16.6	-3.2			
			564	-17.0	-7.8			
			554	-17.0	-0.1			
			553	-16.3	-0.1			
			563	-16.3	-7.8			
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp		Cent	60.3	-1.3	1.9	60.4	-1.4
1.79			564	47.7	4.5	1.9	47.8	4.5

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2.55							
	554	47.7	-7.1	1.9	47.8	-7.2	
2.01							
	553	72.9	-7.1	1.9	73.0	-7.2	
1.38							
	563	72.9	4.5	1.9	73.0	4.5	
1.62							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-84.08	Cent	-2562.4	-429.7	-223.6	-406.5	-2585.6
89.64	564	-9512.8	-1967.7	47.0	-1967.4	-9513.1
-3.77	554	4361.4	256.2	-271.7	4379.3	238.3
-8.50	553	3745.6	-46.4	-580.0	3832.4	-133.1
-88.32	563	-8843.8	39.2	-261.2	46.9	-8851.4

NODE	Vxx	Vyy
Cent	-14.0	-3.3
564	-14.3	-7.1
554	-14.3	0.5
553	-13.7	0.5
563	-13.7	-7.1

LC

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

0.82	vento -y	Cent	0.9	-0.0	0.0	0.9	-0.0
1.14		564	0.7	0.0	0.0	0.7	0.0
0.97		554	0.7	-0.1	0.0	0.7	-0.1
0.63		553	1.2	-0.1	0.0	1.2	-0.1
0.70		563	1.2	0.0	0.0	1.2	0.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

73.96		Cent	-28.9	-3.3	8.0	-1.0	-31.2
83.31		564	-106.4	-18.2	10.5	-17.0	-107.6
9.59		554	48.7	5.2	7.6	50.0	3.9
5.75		553	38.9	-1.1	4.1	39.3	-1.5
85.95		563	-96.8	1.1	7.0	1.6	-97.3

NODE	Vxx	Vyy
Cent	-0.2	-0.0
564	-0.2	-0.1
554	-0.2	0.0
553	-0.1	0.0
563	-0.1	-0.1

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-43.00	cedime~1	Cent	0.4	0.2	-1.6	1.9	-1.3
-49.26		564	-1.9	-1.4	-1.6	-0.0	-3.2
-69.37		554	-1.9	1.7	-1.6	2.3	-2.4
-36.93		553	2.6	1.7	-1.6	3.8	0.6
-19.00		563	2.6	-1.4	-1.6	3.2	-1.9
			NODE	Mxx	Myy	Mxy	Mmax
-53.14		Cent	-236.6	-44.1	-329.4	202.8	-483.6
-74.44		564	-1160.8	-255.5	-273.3	-179.4	-1236.9
-23.62		554	709.4	81.7	-339.4	857.9	-66.7
-24.33		553	677.5	9.5	-379.7	849.2	-162.2
-75.81		563	-1172.6	-12.3	-313.5	67.0	-1251.9
		NODE	Vxx	Vyy			
		Cent	-2.0	-0.4			
		564	-1.9	-1.0			
		554	-1.9	0.2			
		553	-2.0	0.2			
		563	-2.0	-1.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3.25	perm	Cent	41.0	-0.7	2.4	41.1	-0.8
4.74		564	32.3	3.8	2.4	32.5	3.6
3.62		554	32.3	-5.2	2.4	32.5	-5.3
2.48		553	49.7	-5.2	2.4	49.8	-5.3
2.96		563	49.7	3.8	2.4	49.8	3.7
			NODE	Mxx	Myy	Mxy	Mmax
-79.45		Cent	-1328.0	-166.9	-224.1	-125.2	-1369.7
-89.01		564	-4954.9	-921.4	-69.7	-920.2	-4956.1
-6.88		554	2332.3	257.3	-254.1	2362.9	226.6
-11.22		553	1994.7	-19.1	-415.9	2077.2	-101.7
		563	-4684.0	15.6	-231.5	27.0	-4695.4

PROJECT TITLE :

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-87.19

NODE	Vxx	Vyy
Cent	-7.4	-1.3
564	-7.5	-3.4
554	-7.5	0.7
553	-7.3	0.7
563	-7.3	-3.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3.76	INV TO~1	Max	Cent	195.3	-0.3	14.5	196.1	-1.2
5.99			564	156.5	20.1	14.5	158.0	18.6
5.20			554	156.5	0.5	14.5	157.8	-0.6
3.13			553	236.0	0.5	14.5	236.7	-0.3
3.39			563	236.0	20.1	14.5	236.8	19.1
-73.00		Min	Cent	-10.7	-3.2	-4.1	-2.4	-12.2
-77.33			564	-19.9	-2.5	-4.1	-1.6	-20.8
-30.06			554	-19.9	-26.3	-4.1	-17.5	-27.0
-6.28			553	-3.5	-26.3	-4.1	-3.2	-26.6
-57.73			563	-3.5	-2.5	-4.1	0.5	-5.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
82.12	Max	Cent	-980.3	-109.3	122.9	-92.3	-997.3
82.50		564	-3636.9	-630.5	402.7	-577.5	-3689.9
-1.59		554	10214.3	1104.0	86.0	10221.3	1096.9
-2.87		553	8772.8	-6.7	-61.4	8794.9	-16.7
88.40		563	-3386.4	85.3	96.9	88.0	-3389.1
-78.22	Min	Cent	-5556.6	-753.0	-1334.5	-499.4	-5902.4
-87.46		564	-21140.0	-4048.1	-758.4	-4014.5	-21173.6
-28.05		554	1689.2	193.0	-1452.9	2282.5	-462.9
-32.85		553	1412.5	-100.0	-2054.2	2493.7	-1325.9
-86.94		563	-19997.6	-1.2	-1323.3	65.0	-20084.7

NODE	Vxx	Vyy	
Max	Cent	-5.4	-0.9
	564	-5.5	-2.3
	554	-5.5	3.0
	553	-5.2	3.0
	563	-5.2	-2.3
Min	Cent	-31.8	-6.0

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564 -32.3 -14.8
 554 -32.3 0.5
 553 -31.3 0.5
 563 -31.3 -14.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3.76	INV TO~2 Max	Cent	195.3	-0.3	14.5	196.1	-1.2
5.99		564	156.5	20.1	14.5	158.0	18.6
5.20		554	156.5	0.5	14.5	157.8	-0.6
3.13		553	236.0	0.5	14.5	236.7	-0.3
3.39		563	236.0	20.1	14.5	236.8	19.1
-73.00	Min	Cent	-10.7	-3.2	-4.1	-2.4	-12.2
-77.33		564	-19.9	-2.5	-4.1	-1.6	-20.8
-30.06		554	-19.9	-26.3	-4.1	-17.5	-27.0
-6.28		553	-3.5	-26.3	-4.1	-3.2	-26.6
-57.73		563	-3.5	-2.5	-4.1	0.5	-5.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
82.12	Max Cent	-980.3	-109.3	122.9	-92.3	-997.3
82.50		564	-3636.9	-630.5	402.7	-3689.9
-1.59		554	10214.3	1104.0	86.0	10221.3
-2.87		553	8772.8	-6.7	-61.4	8794.9
88.40		563	-3386.4	85.3	96.9	88.0
-84.08	Min Cent	-5556.6	-753.0	-1334.5	-548.7	-5902.4
-87.46		564	-21140.0	-4048.1	-758.4	-4014.5
-28.05		554	1689.2	193.0	-1452.9	2282.5
-32.85		553	1412.5	-100.0	-2054.2	2493.7
-88.32		563	-19997.6	-1.2	-1323.3	63.3

	NODE	Vxx	Vyy
Max	Cent	-5.4	-0.9
	564	-5.5	-2.3
	554	-5.5	3.0
	553	-5.2	3.0
	563	-5.2	-2.3
Min	Cent	-31.8	-6.0
	564	-32.3	-14.8
	554	-32.3	0.5
	553	-31.3	0.5
	563	-31.3	-14.8

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5	2	14	c mob-a	Max	Cent	6.6	4.1	7.6	13.1	-2.4

40.48					575	12.1	9.7	7.6	18.6	3.2
40.54					570	12.1	5.6	7.6	17.1	0.5
33.45					564	10.4	5.6	7.6	16.0	0.0
36.18					574	10.4	9.7	7.6	17.7	2.4
43.61				Min	Cent	-33.0	-2.3	-9.7	0.5	-35.8
-73.92					575	-66.4	-9.5	-9.7	-7.9	-68.0
-80.61					570	-66.4	-2.6	-9.7	-1.2	-67.9
-81.57					564	-10.0	-2.6	-9.7	4.0	-16.7
-55.48					574	-10.0	-9.5	-9.7	-0.1	-19.5
-45.74										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	520.5	278.9	470.0	885.0	-85.5
37.79					575	588.2	6344.4	650.9	6417.1	515.5
83.63					570	1164.2	1152.7	820.0	1978.5	338.5
44.80					564	1006.9	217.0	293.7	1104.1	119.8
18.32					574	22.0	1041.8	181.7	1073.2	-9.5
80.19				Min	Cent	-3124.0	-201.5	-45.6	-200.8	-3124.7
-89.11					575	-110.6	-845.1	-27.8	-109.5	-846.1
-2.16					570	-6962.7	-6380.6	-33.4	-6378.7	-6964.6
-86.73					564	-6015.6	-1063.4	-171.4	-1057.4	-6021.5
-88.02					574	-105.1	-59.7	-258.6	177.1	-342.0
-47.51										

				NODE	Vxx	Vyy				

				Max	Cent	4.9	0.9			
					575	4.1	18.0			
					570	4.1	3.0			
					564	5.8	3.0			
					574	5.8	18.0			
				Min	Cent	-0.9	-0.2			
					575	-0.7	-2.6			
					570	-0.7	-17.3			
					564	-1.0	-17.3			
					574	-1.0	-2.6			

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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	c mob-b	Max	Cent	4.7	7.1	12.2	18.1	-6.3
47.85			575	9.4	17.8	12.2	26.4	0.7
54.48			570	9.4	9.6	12.2	21.7	-2.7
45.18			564	16.8	9.6	12.2	25.9	0.5
36.69			574	16.8	17.8	12.2	29.5	5.1
46.10		Min	Cent	-70.2	-3.1	-16.1	0.5	-73.9
-77.21			575	-132.4	-14.8	-16.1	-12.7	-134.6
-82.36			570	-132.4	-4.4	-16.1	-2.4	-134.4
-82.95			564	-16.9	-4.4	-16.1	6.6	-27.9
-55.60			574	-16.9	-14.8	-16.1	0.2	-32.0
-46.82								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	402.3	308.4	729.1	1085.9	-375.2
43.16			575	1137.7	12733.1	1131.6	12842.5	1028.2
84.48			570	900.3	902.3	1446.3	2347.6	-545.0
45.02			564	778.9	173.4	350.6	939.4	12.9
24.60			574	17.5	1937.1	171.3	1952.3	2.3
84.94		Min	Cent	-5967.8	-398.4	-51.2	-397.9	-5968.3
-89.47			575	-87.2	-620.9	-24.7	-86.1	-622.1
-2.64			570	-13294.5	-12472.3	-23.8	-12471.6	-13295.2
-88.34			564	-11517.7	-2127.3	-337.0	-2115.2	-11529.8
-87.95			574	-200.9	-39.4	-519.3	405.4	-645.6
-49.42								

			NODE	Vxx	Vyy			
	Max	Cent		9.4	1.3			
		575		7.7	35.8			
		570		7.7	2.4			
		564		11.0	2.4			
		574		11.0	35.8			
	Min	Cent		-0.7	-0.4			
		575		-0.6	-1.9			
		570		-0.6	-33.8			
		564		-0.8	-33.8			
		574		-0.8	-1.9			

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent		-53.1	3.2	1.7	3.2	-53.2
88.32			575	-110.6	8.4	1.7	8.4	-110.7
89.20			570	-110.6	-2.0	1.7	-1.9	-110.7

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89.13							
		564	4.4	-2.0	1.7	4.8	-2.4
13.80							
		574	4.4	8.4	1.7	9.0	3.8
70.15							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-5183.3	-772.2	342.5	-745.8	-5209.7
85.59		575	951.1	9145.3	722.4	9208.5	887.9
85.00		570	-11726.2	-11456.2	939.4	-10642.1	-12540.3
49.09		564	-9801.7	-1933.8	-94.2	-1932.6	-9802.8
-89.31		574	-156.5	1155.8	-311.3	1225.9	-226.6
-77.31							

	NODE	Vxx	Vyy
-----	Cent	8.3	-2.2
	575	7.1	26.3
	570	7.1	-30.7
	564	9.5	-30.7
	574	9.5	26.3

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
-----	vento -y	Cent	-0.2	0.1	0.2	0.2	-0.3
57.26		575	-0.7	0.4	0.2	0.4	-0.7
77.38		570	-0.7	-0.2	0.2	-0.1	-0.8
66.08		564	0.3	-0.2	0.2	0.4	-0.3
19.80		574	0.3	0.4	0.2	0.6	0.1
45.21							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
-----		Cent	-57.1	8.2	13.2	10.8	-59.6
79.02		575	10.0	140.6	16.4	142.7	8.0
82.96		570	-126.5	-116.1	22.2	-98.5	-144.0
51.60		564	-110.5	-18.1	8.3	-17.4	-111.2
84.89		574	-1.3	26.4	2.5	26.6	-1.6
84.80							
		NODE	Vxx	Vyy			
-----		Cent	0.1	0.0			
		575	0.1	0.4			
		570	0.1	-0.3			
		564	0.1	-0.3			
		574	0.1	0.4			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-80.73	cedime~1	Cent	-14.5	-0.1	-2.4	0.3	-14.9
-84.62		575	-25.7	-0.4	-2.4	-0.2	-26.0
-84.74		570	-25.7	0.1	-2.4	0.4	-26.0
-62.38		564	-3.2	0.1	-2.4	1.4	-4.4
-59.92		574	-3.2	-0.4	-2.4	1.0	-4.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-64.84		Cent	-628.2	-285.9	-206.4	-188.9	-725.2
-72.57		575	143.9	573.4	-149.6	620.4	97.0
-51.80		570	-1432.7	-1344.1	-183.0	-1200.1	-1576.6
-75.61		564	-1186.8	-249.5	-257.5	-183.4	-1252.9
-39.58		574	-37.4	-123.3	-224.2	147.9	-308.6
		NODE	Vxx	Vyy			

		Cent	1.1	-0.6			
		575	1.1	2.2			
		570	1.1	-3.5			
		564	1.2	-3.5			
		574	1.2	2.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

85.13	perm	Cent	-26.9	2.4	2.5	2.6	-27.1
87.73		575	-57.8	5.7	2.5	5.8	-57.9
87.48		570	-57.8	-0.9	2.5	-0.7	-57.9
23.02		564	4.0	-0.9	2.5	5.1	-1.9
54.19		574	4.0	5.7	2.5	7.5	2.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

87.42		Cent	-2661.7	-138.7	114.0	-133.6	-2666.8
86.42		575	505.0	5146.7	291.9	5165.0	486.7
60.36		570	-5939.2	-5438.2	421.7	-5198.2	-6179.2
-88.54		564	-5119.5	-910.4	-107.5	-907.6	-5122.2
-73.66		574	-92.9	647.0	-237.3	716.5	-162.4

PROJECT TITLE :

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NODE	Vxx	Vyy
Cent	4.2	0.1
575	3.5	14.8
570	3.5	-14.7
564	4.9	-14.7
574	4.9	14.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
64.21	INV TO~1	Max	Cent	-18.0	12.0	18.9	21.1	-27.1
75.99			575	-41.4	29.6	18.9	34.4	-46.2
72.37			570	-41.4	12.2	18.9	18.1	-47.4
34.42			564	26.7	12.2	18.9	39.7	0.4
47.22			574	26.7	29.6	18.9	47.2	9.6
-81.13		Min	Cent	-136.1	-1.9	-21.6	1.2	-139.5
-85.05			575	-262.3	-14.8	-21.6	-12.9	-264.1
-85.26			570	-262.3	-6.8	-21.6	-5.2	-264.1
-53.67			564	-22.0	-6.8	-21.6	7.3	-37.2
-48.30			574	-22.0	-14.8	-21.6	2.7	-40.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
67.76	Max	Cent	-1958.9	277.6	1098.2	726.7	-2408.0	
85.42			575	2184.8	22909.9	1819.7	23043.6	2051.1
47.92			570	-4367.5	-3882.0	2374.2	-1738.1	-6511.4
83.45			564	-3760.2	-617.4	365.8	-575.4	-3802.2
89.86			574	-63.2	3262.1	8.1	3262.1	-63.2
-89.11	Min	Cent	-11346.5	-962.4	-161.5	-959.9	-11349.0	
86.03			575	355.7	4005.9	104.9	4023.5	338.1
83.58			570	-25319.4	-23619.8	193.7	-23598.0	-25341.2
-87.37			564	-21855.2	-4031.7	-820.0	-3994.1	-21892.9
-58.19			574	-401.4	443.1	-1162.5	1148.4	-1215.9

NODE	Vxx	Vyy	
Max	Cent	18.0	1.8
	575	15.1	65.3
	570	15.1	-10.6
	564	21.1	-10.6
	574	21.1	65.3
Min	Cent	3.1	-1.1
	575	2.6	11.3
	570	2.6	-63.8

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
				564	3.6	-63.8				
				574	3.6	11.3				

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

ANGLE			INV TO~2	Max	Cent	-18.0	12.0	18.9	21.1	-27.1
64.21					575	-41.4	29.6	18.9	34.4	-46.2
75.99					570	-41.4	12.2	18.9	18.1	-47.4
72.37					564	26.7	12.2	18.9	39.7	0.4
34.42					574	26.7	29.6	18.9	47.2	9.6
47.22				Min	Cent	-136.1	-1.9	-21.6	1.2	-139.5
-81.13					575	-262.3	-14.8	-21.6	-12.9	-264.1
-85.05					570	-262.3	-6.8	-21.6	-5.2	-264.1
-85.26					564	-22.0	-6.8	-21.6	6.4	-37.2
13.80					574	-22.0	-14.8	-21.6	2.7	-40.3
-48.30										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	-1958.9	277.6	1098.2	726.7	-2408.0
67.76					575	2184.8	22909.9	1819.7	23043.6	2051.1
85.42					570	-4367.5	-3882.0	2374.2	-1738.1	-6511.4
47.92					564	-3760.2	-617.4	365.8	-575.4	-3802.2
83.45					574	-63.2	3262.1	8.1	3262.1	-63.2
89.86				Min	Cent	-11346.5	-1042.5	-161.5	-1006.8	-11349.0
85.59					575	355.7	4005.9	104.9	4023.5	338.1
86.03					570	-25319.4	-23619.8	193.7	-23598.0	-25341.2
83.58					564	-21855.2	-4031.7	-820.0	-3994.1	-21892.9
-87.37					574	-401.4	443.1	-1162.5	1148.4	-1215.9
-58.19										

				NODE	Vxx	Vyy				

				Max	Cent	18.0	1.8			
					575	15.1	65.3			
					570	15.1	-10.6			
					564	21.1	-10.6			
					574	21.1	65.3			
				Min	Cent	3.1	-3.0			
					575	2.6	11.3			
					570	2.6	-63.8			
					564	3.6	-63.8			
					574	3.6	11.3			

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ANGLE

7	2	14	c mob-a	Max	Cent	36.5	2.1	34.1	57.5	-18.9
31.65					570	21.5	16.9	34.1	53.4	-15.0
43.06					560	21.5	3.1	34.1	47.7	-23.1
37.42					554	52.2	3.1	34.1	69.7	-14.4
27.12					564	52.2	16.9	34.1	73.0	-3.9
31.32				Min	Cent	-20.6	-0.5	-8.2	2.4	-23.5
-70.37					570	-16.6	-3.6	-8.2	0.3	-20.5
-64.09					560	-16.6	-15.8	-8.2	-8.0	-24.4
-46.32					554	-25.5	-15.8	-8.2	-11.1	-30.2
-60.26					564	-25.5	-3.6	-8.2	-0.9	-28.2

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

42.20	Max	Cent	250.5	197.2	272.0	497.1	-49.5
40.50		570	1260.5	1181.6	248.8	1473.0	969.1
14.72		560	4348.2	3327.8	287.8	4423.8	3252.2
5.81		554	2667.2	159.0	258.1	2693.4	132.7
22.71		564	973.8	207.1	389.1	1136.6	44.2
-70.61	Min	Cent	-1610.0	-1023.7	-235.5	-940.8	-1692.9
-76.41		570	-7645.8	-6583.6	-272.6	-6517.7	-7711.7
-49.76		560	-763.6	-578.0	-554.0	-109.1	-1232.5
-62.54		554	-468.8	-23.2	-317.2	141.6	-633.6
-88.81		564	-5794.3	-997.4	-100.0	-995.4	-5796.4

NODE Vxx Vyy

Max	Cent	1.6	0.7
	570	1.6	3.0
	560	1.6	9.1
	554	1.5	9.1
	564	1.5	3.0
Min	Cent	-9.3	-4.1
	570	-9.8	-17.3
	560	-9.8	-1.6
	554	-8.8	-1.6
	564	-8.8	-17.3

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

31.93	c mob-b	Max	Cent	65.1	3.3	62.9	104.2	-35.8

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43.62		570	38.3	32.2	62.9	98.2	-27.7
37.05		560	38.3	2.4	62.9	85.7	-45.0
27.18		554	92.6	2.4	62.9	124.9	-29.9
32.18		564	92.6	32.2	62.9	132.2	-7.3
-78.54	Min	Cent	-34.4	-0.9	-7.1	0.5	-35.9
-77.49		570	-33.5	-3.1	-7.1	-1.6	-35.1
-50.53		560	-33.5	-30.7	-7.1	-24.9	-39.4
-55.96		554	-36.5	-30.7	-7.1	-26.0	-41.2
-78.47		564	-36.5	-3.1	-7.1	-1.7	-37.9

ANGLE NODE Mxx Myy Mxy Mmax Mmin

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43.23	Max	Cent	192.5	156.2	292.9	467.8	-119.1
42.10		570	971.8	923.7	236.8	1185.7	709.8
6.95		560	8473.8	6406.5	255.7	8505.0	6375.3
2.90		554	5232.5	301.8	250.6	5245.2	289.1
30.80		564	753.9	166.0	543.7	1078.0	-158.2
-68.47	Min	Cent	-3017.7	-2083.4	-436.4	-1911.3	-3189.8
-74.71		570	-14636.1	-12883.8	-517.7	-12742.3	-14777.6
-46.91		560	-592.7	-448.6	-1076.5	558.2	-1599.5
-53.08		554	-363.3	-17.0	-597.4	431.9	-812.2
-89.16		564	-11086.3	-1998.2	-133.5	-1996.2	-11088.2

		NODE	Vxx	Vyy
	Max	Cent	1.2	0.6
		570	1.3	2.4
		560	1.3	17.6
		554	1.2	17.6
		564	1.2	2.4
	Min	Cent	-17.9	-8.2
		570	-18.8	-33.8
		560	-18.8	-1.2
		554	-17.0	-1.2
		564	-17.0	-33.8

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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34.30	pp	Cent	33.0	0.0	42.1	61.7	-28.7
47.04		570	17.9	23.9	42.1	63.1	-21.3
31.81		560	17.9	-23.8	42.1	44.0	-49.9
		554	48.1	-23.8	42.1	67.5	-43.2

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24.73
36.96

564 48.1 23.9 42.1 79.8 -7.8
NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -2797.9 -2314.4 -63.5 -2306.2 -2806.1
-82.64
570 -12774.5 -11770.7 -183.2 -11738.3 -12806.9
-79.97
560 6761.7 4315.8 -707.1 6951.4 4126.1
-15.02
554 4294.3 32.6 -222.7 4305.9 20.9
-2.98
564 -9473.1 -1835.2 301.2 -1823.3 -9485.0
87.75

NODE Vxx Vyy

Cent -15.1 -9.3
570 -16.0 -30.7
560 -16.0 12.2
554 -14.3 12.2
564 -14.3 -30.7

LC NODE Fxx Fyy Fxy Fmax Fmin
ANGLE

vento -y Cent 0.7 -0.0 0.3 0.8 -0.1
17.10
570 0.7 0.0 0.3 0.8 -0.1
17.99
560 0.7 -0.1 0.3 0.8 -0.2
16.04
554 0.7 -0.1 0.3 0.8 -0.2
16.29
564 0.7 0.0 0.3 0.8 -0.1
18.29

NODE Mxx Myy Mxy Mmax Mmin
ANGLE

Cent -30.3 -18.8 9.8 -13.2 -36.0
60.14
570 -141.5 -120.6 8.2 -117.7 -144.3
70.88
560 78.1 59.2 2.9 78.6 58.7
8.52
554 47.9 2.7 8.2 49.4 1.3
9.96
564 -105.9 -16.7 13.5 -14.7 -107.9
81.55

NODE Vxx Vyy

Cent -0.2 -0.1
570 -0.2 -0.3
560 -0.2 0.2
554 -0.2 0.2
564 -0.2 -0.3

LC NODE Fxx Fyy Fxy Fmax Fmin
ANGLE

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	cedime~1	Cent	Mxx	Myy	Mxy	Mmax	Mmin

63.34		570	-5.9	-0.6	3.6	1.2	-7.7
75.03		560	-9.7	2.7	3.6	3.7	-10.6
64.62		554	-9.7	-3.8	3.6	-2.1	-11.4
38.07		564	-2.1	-3.8	3.6	0.7	-6.6
61.96		564	-2.1	2.7	3.6	4.6	-4.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-219.0	-190.0	-307.2	103.0	-512.0
-46.35		570	-1501.8	-1364.8	-312.3	-1113.6	-1753.0
-51.18		560	1082.1	795.6	-403.7	1367.2	510.5
-35.23		554	699.8	49.6	-335.7	842.0	-92.6
-22.96		564	-1156.3	-240.4	-244.3	-179.3	-1217.4
-75.96		564	-1156.3	-240.4	-244.3	-179.3	-1217.4
		NODE	Vxx	Vyy			

		Cent	-2.0	-0.7			
		570	-2.1	-3.5			
		560	-2.1	2.2			
		554	-1.9	2.2			
		564	-1.9	-3.5			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	perm	Cent	21.2	0.1	25.5	38.3	-17.0
33.78		570	9.8	13.6	25.5	37.3	-13.9
47.10		560	9.8	-13.4	25.5	26.3	-29.8
32.79		554	32.5	-13.4	25.5	43.9	-24.7
24.02		564	32.5	13.6	25.5	50.3	-4.2
34.80		564	32.5	13.6	25.5	50.3	-4.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-1351.8	-868.5	-139.6	-831.0	-1389.2
-74.99		570	-6501.8	-5606.9	-193.2	-5567.0	-6541.8
-78.32		560	3733.0	2849.5	-486.1	3948.1	2634.4
-23.87		554	2296.6	138.5	-230.0	2320.9	114.3
-6.02		564	-4935.0	-855.0	62.9	-854.0	-4935.9
89.12		564	-4935.0	-855.0	62.9	-854.0	-4935.9
		NODE	Vxx	Vyy			

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Cent	-7.9	-3.4
570	-8.4	-14.7
560	-8.4	7.8
554	-7.5	7.8
564	-7.5	-14.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.35	INV TO~1	Max	Cent	109.0	4.6	114.0	178.9	-32.0
46.00			570	61.5	59.8	114.0	169.9	-39.8
36.12			560	61.5	-9.3	114.0	142.1	-62.6
26.76		Min	554	157.5	-9.3	114.0	212.9	-59.7
33.62			564	157.5	59.8	114.0	231.2	-14.0
64.96			Cent	-31.2	-1.7	14.4	5.6	-70.7
73.38			570	-45.1	8.6	14.4	12.9	-58.3
34.65			560	-45.1	-58.7	14.4	-32.7	-99.2
21.01			554	-18.7	-58.7	14.4	-11.8	-70.6
65.61			564	-18.7	8.6	14.4	15.2	-27.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
64.40	Max	Cent		-1013.6	-602.3	255.8	-479.8	-1136.2
80.05			570	-4800.2	-4011.8	142.7	-3986.7	-4825.3
-7.10			560	16254.7	12293.9	-97.5	16317.1	12231.4
-1.31		Min	554	10060.3	595.5	118.3	10065.3	590.5
76.19			564	-3620.4	-575.4	796.9	-379.5	-3816.3
-70.06			Cent	-5644.7	-3871.1	-1036.0	-3416.7	-6121.6
-72.33			570	-27762.3	-24364.9	-1204.3	-23981.3	-28145.9
-40.37			560	2702.0	2069.2	-2343.1	4350.6	420.7
-26.55			554	1663.8	107.1	-1372.3	2181.7	-500.7
-88.80			564	-21057.7	-3792.9	-361.7	-3785.3	-21065.3

		NODE	Vxx	Vyy
Max	Cent		-5.8	-2.5
		570	-6.2	-10.6
		560	-6.2	33.8
		554	-5.5	33.8
		564	-5.5	-10.6
Min	Cent		-34.1	-15.2
		570	-35.8	-63.8
		560	-35.8	5.7
		554	-32.3	5.7
		564	-32.3	-63.8

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ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.35	INV TO~2	Max	Cent	109.0	4.6	114.0	178.9	-32.0
46.00			570	61.5	59.8	114.0	169.9	-28.7
36.12			560	61.5	-9.3	114.0	142.1	-62.6
26.76			554	157.5	-9.3	114.0	212.9	-58.3
33.62			564	157.5	59.8	114.0	231.2	-10.5
64.96		Min	Cent	-31.2	-1.7	14.4	5.6	-70.7
73.38			570	-45.1	8.6	14.4	12.9	-58.3
34.65			560	-45.1	-58.7	14.4	-32.7	-99.2
21.01			554	-18.7	-58.7	14.4	-11.8	-70.6
65.61			564	-18.7	8.6	14.4	15.2	-27.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
64.40		Max	Cent	-1013.6	-602.3	255.8	-479.8	-1136.2
80.05			570	-4800.2	-4011.8	142.7	-3986.7	-4825.3
-7.10			560	16254.7	12293.9	-97.5	16317.1	12231.4
-1.31			554	10060.3	595.5	118.3	10065.3	590.5
76.19			564	-3620.4	-575.4	796.9	-379.5	-3816.3
-70.06		Min	Cent	-5644.7	-3871.1	-1036.0	-3416.7	-6121.6
-72.33			570	-27762.3	-24364.9	-1204.3	-23981.3	-28145.9
-40.37			560	2702.0	2069.2	-2343.1	4350.6	420.7
-26.55			554	1663.8	44.0	-1372.3	2181.7	-500.7
-88.80			564	-21057.7	-3792.9	-361.7	-3785.3	-21065.3

		NODE	Vxx	Vyy
Max	Cent		-5.8	-2.5
		570	-6.2	-10.6
		560	-6.2	33.8
		554	-5.5	33.8
		564	-5.5	-10.6
Min	Cent		-34.1	-15.2
		570	-35.8	-63.8
		560	-35.8	5.7
		554	-32.3	5.7
		564	-32.3	-63.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
12      2      14  c mob-a  Max  Cent      8.6      11.7      13.2      23.4      -3.1
48.33
44.24
77.44
75.75
38.91
-81.81
-12.16
-49.30
-84.90
-80.28

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ANGLE

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-----
Max  Cent      407.8      81.5      2006.2      2257.5      -1768.2
581      123.0      373.2      2996.1      3246.8      -2750.6
571      432.0      2274.3      1320.4      2963.1      -256.8
570      1186.5      1214.5      1035.1      2235.7      165.2
575      624.7      6589.7      2371.1      7417.4      -203.0
Min  Cent     -2689.0      -266.6      -211.2      -248.3      -2707.3
581     -1144.6     -3334.3     -364.8     -1085.5     -3393.5
571     -3190.0     -404.3      -95.6      -401.0     -3193.3
570     -7095.5     -6733.5     -56.0     -6725.0     -7104.0
575     -112.8      -865.8     -272.7     -24.5      -954.2

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-----
Max  Cent      4.1      0.3
581      4.0      4.0
571      4.1      26.4
570      4.1      26.4
575      4.1      4.0
Min  Cent     -0.7      -3.8
581     -0.6     -32.3
571     -0.6     -4.8
570     -0.7     -4.8
575     -0.7     -32.3

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-----
LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
c mob-b  Max  Cent      7.0      22.4      29.4      45.1      -15.8
581      5.8      4.3      33.2      38.2      -28.2
44.38

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

77.15		571	5.7	112.5	25.7	118.4	-0.1
76.48		570	9.2	110.2	25.8	116.4	3.0
42.83		575	9.2	4.2	33.1	39.9	-26.5
-86.72	Min	Cent	-77.0	-1.8	-4.3	-1.5	-77.2
-5.58		581	-26.7	-72.6	-4.5	-26.3	-73.0
-78.23		571	-26.7	-7.8	-4.1	-7.0	-27.6
-88.02		570	-127.1	-7.7	-4.1	-7.5	-127.2
-85.54		575	-127.7	-70.2	-4.5	-69.9	-128.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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44.12	Max	Cent	309.5	68.3	3933.7	4124.5	-3746.6
45.45		581	88.6	275.5	5963.9	6146.7	-5782.6
65.14		571	319.7	4586.5	2517.0	5752.6	-846.4
45.24		570	917.4	950.0	1911.5	2845.3	-977.9
71.07		575	1225.7	13263.9	4679.6	14869.0	-379.4
-88.12	Min	Cent	-5100.8	-517.3	-150.9	-512.4	-5105.7
-3.57		581	-2243.4	-6496.3	-266.3	-2226.8	-6512.9
-89.34		571	-6009.6	-318.9	-65.3	-318.2	-6010.4
-84.28		570	-13559.7	-13213.2	-35.1	-13209.7	-13563.3
-18.02		575	-88.3	-634.3	-198.7	-23.6	-698.9

		NODE	Vxx	Vyy
Max	Cent		7.7	0.3
		581	7.6	2.9
		571	7.7	52.9
		570	7.7	52.9
		575	7.8	2.9
Min	Cent		-0.5	-6.0
		581	-0.5	-64.5
		571	-0.5	-3.7
		570	-0.6	-3.7
		575	-0.6	-64.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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76.43	pp	Cent	-60.2	17.7	20.0	22.5	-65.0
24.32		581	-13.2	-53.5	22.9	-2.9	-63.9
80.76		571	-13.3	88.8	17.0	91.5	-16.1
84.98		570	-106.5	87.0	17.1	88.5	-108.0
		575	-107.0	-51.7	22.8	-43.5	-115.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

70.23

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.84	Cent	-4476.4	-1074.9	2983.0	658.1	-6209.4
34.86	581	-1590.7	-4942.0	4534.7	1568.1	-8100.7
77.88	571	-5322.8	3127.5	1902.7	3536.1	-5731.5
44.16	570	-11936.3	-12018.1	1386.7	-10589.9	-13364.5
70.12	575	1010.2	9496.4	3529.3	10772.3	-265.7

NODE	Vxx	Vyy
Cent	6.9	-0.9
581	6.8	-47.0
571	6.9	45.2
570	7.0	45.2
575	7.1	-47.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
85.51	vento -y	Cent	-0.2	0.2	0.0	0.2	-0.2
5.03		581	0.2	-0.6	0.1	0.2	-0.6
89.75		571	0.2	0.9	0.0	0.9	0.2
89.85		570	-0.7	0.9	0.0	0.9	-0.7
65.95		575	-0.7	-0.5	0.1	-0.5	-0.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.98	Cent	-51.0	-1.8	46.3	26.1	-78.9
35.23	581	-26.4	-74.1	67.4	21.2	-121.7
73.57	571	-58.6	42.6	32.7	52.2	-68.3
48.13	570	-129.3	-123.5	26.5	-99.7	-153.1
70.90	575	11.3	147.4	53.6	166.0	-7.2

NODE	Vxx	Vyy
Cent	0.1	-0.1
581	0.1	-0.7
571	0.1	0.5
570	0.1	0.5
575	0.1	-0.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

67.51	cedime~1	Cent	-18.4	2.4	10.4	6.7	-22.7
51.66		581	-11.7	-6.6	10.8	1.9	-20.2
69.54		571	-11.7	11.4	10.0	15.2	-15.5
75.49		570	-25.0	11.2	10.0	13.8	-27.6
65.50		575	-25.1	-6.4	10.8	-1.5	-30.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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84.73		Cent	-487.5	-143.1	32.0	-140.2	-490.4
41.18		581	-15.0	-57.5	158.1	123.3	-195.8
-85.50		571	-616.1	329.7	-74.9	335.6	-622.0
-50.77		570	-1450.7	-1397.0	-131.4	-1289.7	-1558.0
79.14		575	135.0	548.9	82.4	564.7	119.2

	NODE	Vxx	Vyy
	Cent	0.9	1.6
	581	0.8	-1.9
	571	0.8	5.1
	570	1.1	5.1
	575	1.1	-1.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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75.34	perm	Cent	-32.5	9.9	11.9	13.0	-35.6
27.99		581	-9.0	-27.2	13.4	-1.9	-34.3
79.83		571	-9.1	47.0	10.4	48.8	-10.9
84.20		570	-55.6	46.0	10.4	47.1	-56.7
68.93		575	-55.9	-26.2	13.4	-21.1	-61.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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62.38		Cent	-2275.9	-241.7	1465.5	525.0	-3042.7
35.88		581	-836.8	-2344.3	2287.7	818.1	-3999.2
79.12		571	-2714.6	1772.9	895.7	1945.1	-2886.8
52.07		570	-6049.6	-5733.8	626.9	-5245.2	-6538.2
71.85		575	532.7	5320.1	1758.7	5896.7	-44.0

	NODE	Vxx	Vyy
	Cent	3.5	-1.3
	581	3.4	-25.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

571 3.5 22.3
 570 3.5 22.3
 575 3.6 -25.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

61.71	INV TO~1	Max Cent	-20.9	42.6	62.1	75.9	-50.4
42.08		581	-0.5	-19.7	69.0	50.1	-69.1
76.82		571	-0.5	210.3	55.1	223.2	-10.2
78.89		570	-39.8	205.9	55.3	216.8	-48.2
50.12		575	-40.0	-19.0	68.8	29.5	-88.5
87.98		Min Cent	-154.8	6.8	5.1	7.0	-156.3
12.20		581	-56.9	-131.8	6.2	-53.2	-135.4
87.23		571	-56.9	33.5	3.8	33.7	-58.8
89.15		570	-252.2	32.8	3.8	32.9	-252.9
82.47		575	-253.4	-127.4	6.2	-125.2	-255.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

48.35	Max Cent	-1725.4	-131.7	6808.0	5894.1	-7751.2
43.35	581	-670.7	-1840.5	10497.1	9222.7	-11534.5
71.31	571	-2131.4	8294.4	4293.7	9721.8	-3710.5
46.58	570	-4447.9	-4094.2	3207.4	-1058.7	-7483.4
71.37	575	2322.4	23775.2	8158.6	26525.4	48.8
82.10	Min Cent	-9649.5	-1083.2	1180.4	-914.9	-9817.7
13.17	581	-3880.5	-11171.8	1795.2	-3445.2	-11806.5
86.38	571	-11443.6	1227.1	691.8	1275.7	-11480.4
67.46	570	-25806.0	-24968.6	419.8	-24794.4	-25980.2
71.79	575	380.3	4151.2	1390.6	4608.5	-555.3

	NODE	Vxx	Vyy
Max	Cent	14.8	0.7
	581	14.5	-19.5
	571	14.7	98.9
	570	15.0	98.9
	575	15.2	-19.6
Min	Cent	2.6	-9.4
	581	2.6	-114.0
	571	2.7	15.9
	570	2.5	15.9
	575	2.6	-113.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

61.71	INV TO~2	Max Cent	-20.9	42.6	62.1	75.9	-50.4
42.08		581	-0.5	-19.7	69.0	50.1	-69.1
76.82		571	-0.5	210.3	55.1	223.2	-10.2
78.89		570	-39.8	205.9	55.3	216.8	-48.2
50.12		575	-40.0	-19.0	68.8	29.5	-88.5
87.98		Min Cent	-154.8	6.8	5.1	7.0	-156.3
12.20		581	-56.9	-131.8	6.2	-53.2	-135.4
87.23		571	-56.9	33.5	3.8	33.7	-58.8
89.15		570	-252.2	32.8	3.8	32.9	-252.9
82.47		575	-253.4	-127.4	6.2	-125.2	-255.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

48.35	Max Cent	-1725.4	-131.7	6808.0	5894.1	-7751.2
43.35	581	-670.7	-1840.5	10497.1	9222.7	-10935.9
71.31	571	-2131.4	8294.4	4293.7	9721.8	-3710.5
46.58	570	-4447.9	-4094.2	3207.4	-1058.7	-7483.4
71.37	575	2322.4	23775.2	8158.6	26525.4	48.8
82.10	Min Cent	-9649.5	-1451.2	1180.4	-914.9	-9817.7
13.17	581	-3880.5	-11171.8	1795.2	-3445.2	-11806.5
86.38	571	-11443.6	1227.1	691.8	1275.7	-11480.4
67.46	570	-25806.0	-24968.6	419.8	-24794.4	-25980.2
71.79	575	380.3	4151.2	1390.6	4608.5	-555.3

	NODE	Vxx	Vyy
Max	Cent	14.8	0.7
	581	14.5	-19.5
	571	14.7	98.9
	570	15.0	98.9
	575	15.2	-19.6
Min	Cent	2.6	-9.4
	581	2.6	-114.0
	571	2.7	15.9
	570	2.5	15.9
	575	2.6	-113.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

15	2	14	c mob-a	Max Cent	30.6	20.1	1.8	30.9	19.8

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

9.34			571	36.1	69.3	1.8	69.4	36.0
86.96			561	36.1	3.5	1.8	36.2	3.4
3.09			560	26.7	3.5	1.8	26.8	3.4
4.33			570	26.7	69.3	1.8	69.3	26.6
87.63		Min	Cent	-11.0	-3.6	-46.5	39.3	-53.9
-47.25			571	-7.8	-10.8	-46.5	37.2	-55.8
-44.09			561	-7.8	-29.0	-46.5	29.3	-66.1
-38.57			560	-15.0	-29.0	-46.5	25.0	-69.0
-40.70			570	-15.0	-10.8	-46.5	33.7	-59.4
-46.29								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	127.6	74.7	384.0	486.0	-283.7
43.03			571	380.6	2370.7	305.8	2416.6	334.7
81.46			561	2154.3	61.7	423.0	2236.5	-20.6
11.01			560	4357.9	3360.3	393.3	4494.3	3223.9
19.13			570	1278.1	1240.5	281.1	1541.1	977.6
43.09		Min	Cent	-1024.6	-409.3	-1277.9	597.5	-2031.4
-51.77			571	-2839.9	-419.6	-827.8	-163.6	-3095.9
-72.81			561	-377.3	-341.4	-1461.2	1101.9	-1820.6
-45.35			560	-765.4	-583.7	-1300.8	629.4	-1978.5
-47.00			570	-7746.9	-6920.3	-675.9	-6541.4	-8125.8
-60.72								

			NODE	Vxx	Vyy
	Max	Cent		1.3	8.0
		571		1.0	26.3
		561		1.0	1.8
		560		1.6	1.8
		570		1.6	26.3
	Min	Cent		-8.0	-1.5
		571		-6.2	-4.8
		561		-6.2	-10.3
		560		-9.8	-10.3
		570		-9.8	-4.8

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	52.8	40.5	0.7	52.9	40.4
3.10				571	59.4	131.7	0.7	131.7	59.4
89.47				561	59.4	2.6	0.7	59.4	2.6
0.68									

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.84		560	48.7	2.6	0.7	48.7	2.6
89.54		570	48.7	131.7	0.7	131.7	48.7
-48.31	Min	Cent	-22.6	-2.9	-85.0	72.8	-98.3
-46.36		571	-16.4	-8.3	-85.0	72.8	-97.4
-38.58		561	-16.4	-55.1	-85.0	51.4	-122.9
-40.69		560	-29.3	-55.1	-85.0	43.7	-128.2
-48.53		570	-29.3	-8.3	-85.0	66.8	-104.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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43.42	Max	Cent	94.2	58.9	319.9	396.9	-243.9
86.73		571	277.5	4782.9	257.9	4797.6	262.8
4.78		561	4210.7	50.5	350.4	4240.0	21.2
9.00		560	8494.8	6476.6	327.8	8546.7	6424.8
44.04		570	985.5	969.3	241.7	1219.2	735.6
-51.31	Min	Cent	-1899.6	-786.2	-2487.1	1205.7	-3891.5
-73.84		571	-5362.5	-330.6	-1591.5	130.5	-5823.6
-43.06		561	-292.2	-679.1	-2852.8	2373.7	-3345.0
-45.79		560	-594.1	-453.2	-2544.4	2021.7	-3069.0
-57.79		570	-14838.4	-13589.6	-1304.3	-12767.9	-15660.1

		NODE	Vxx	Vyy
Max	Cent		1.0	16.5
		571	0.7	52.8
		561	0.7	1.4
		560	1.3	1.4
		570	1.3	52.8
Min	Cent		-15.3	-1.2
		571	-11.8	-3.7
		561	-11.8	-19.8
		560	-18.8	-19.8
		570	-18.8	-3.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-43.93	pp	Cent	37.6	31.9	-76.5	111.3	-41.8
-56.29		571	47.7	111.4	-76.5	162.4	-3.3
-29.03		561	47.7	-47.6	-76.5	90.2	-90.1
-31.93		560	27.5	-47.6	-76.5	75.1	-95.3
-59.37		570	27.5	111.4	-76.5	156.7	-17.8

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-1868.6	-1348.0	-1954.5	363.5	-3580.1
-48.79	571	-4763.6	3276.6	-1213.9	3455.9	-4942.9
-81.60	561	3457.0	-697.6	-2245.2	4438.5	-1679.0
-23.61	560	6767.4	4334.7	-1984.3	7878.4	3223.6
-29.25	570	-12935.0	-12305.7	-953.0	-11616.8	-13624.0
-54.14						

NODE	Vxx	Vyy
Cent	-13.1	15.6
571	-10.2	45.1
561	-10.2	-13.9
560	-16.0	-13.9
570	-16.0	45.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	0.9	0.4	-1.0	1.7	-0.4
-37.28		571	1.0	1.2	-1.0	2.1	0.1
-48.02		561	1.0	-0.5	-1.0	1.5	-1.0
-26.84		560	0.9	-0.5	-1.0	1.4	-1.0
-28.31		570	0.9	1.2	-1.0	2.1	0.0
-50.17							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-19.8	-7.3	-11.3	-0.7	-26.5
-59.43	571	-51.3	44.6	-2.5	44.6	-51.3
-88.48	561	37.4	-6.1	-14.4	41.8	-10.5
-16.78	560	78.3	59.9	-11.8	84.1	54.1
-25.97	570	-143.6	-127.6	0.1	-127.6	-143.6
89.60						

NODE	Vxx	Vyy
Cent	-0.1	0.2
571	-0.1	0.5
561	-0.1	-0.2
560	-0.2	-0.2
570	-0.2	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	cedime~1	Cent	-13.8	3.2	-1.0	3.3	-13.9
-86.54							

PROJECT TITLE :

	Company		Client	
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-88.09		571	-19.1	11.8	-1.0	11.9	-19.2	
-85.70		561	-19.1	-5.4	-1.0	-5.4	-19.2	
-73.19		560	-8.5	-5.4	-1.0	-5.1	-8.9	
-87.10		570	-8.5	11.8	-1.0	11.9	-8.6	
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-45.44		Cent	-94.7	-77.4	-561.6	475.6	-647.8	
-66.84		571	-562.5	345.0	-475.0	548.2	-765.7	
-30.84		561	619.3	-31.5	-603.8	979.8	-392.0	
-37.79		560	1081.1	792.3	-561.4	1516.3	357.0	
-48.35		570	-1516.9	-1415.3	-432.6	-1030.5	-1901.7	
		NODE	Vxx	Vyy				

		Cent	-1.8	1.4				
		571	-1.4	5.1				
		561	-1.4	-2.4				
		560	-2.1	-2.4				
		570	-2.1	5.1				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-45.01	perm	Cent		16.9	16.9	-36.5	53.3	-19.6
-59.22		571		18.9	58.4	-36.5	80.1	-2.8
-29.60		561		18.9	-24.6	-36.5	39.6	-45.3
-30.79		560		14.9	-24.6	-36.5	36.6	-46.3
-60.42		570		14.9	58.4	-36.5	79.1	-5.8
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-51.21		Cent	-850.2	-350.1	-1136.2	563.2	-1763.5	
-80.39		571	-2422.4	1851.3	-744.6	1977.4	-2548.4	
-25.43		561	1867.2	-238.8	-1293.5	2482.1	-853.7	
-34.73		560	3740.7	2875.4	-1154.3	4540.7	2075.3	
-59.98		570	-6586.2	-5888.3	-605.4	-5538.5	-6936.1	
		NODE	Vxx	Vyy				

		Cent	-6.8	6.8				
		571	-5.3	22.3				
		561	-5.3	-8.8				
		560	-8.4	-8.8				

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			570	-8.4	22.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	88.2	74.7	-34.1	150.9	44.8
-47.42			571	99.1	248.0	-34.1	255.0	91.1
-78.65			561	99.1	-19.9	-34.1	108.2	-28.9
-14.90			560	80.6	-19.9	-34.1	93.8	-30.3
-38.10			570	80.6	248.0	-34.1	254.7	73.5
-79.12		Min	Cent	-27.5	12.0	-152.2	109.7	-159.9
-45.14			571	-22.4	43.8	-152.2	173.3	-140.5
-49.42			561	-22.4	-104.4	-152.2	90.6	-221.1
-16.85			560	-33.3	-104.4	-152.2	83.4	-225.2
-17.90			570	-33.3	43.8	-152.2	164.6	-147.4
-51.39								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin


		Max	Cent	-677.9	-249.2	-617.8	2656.2	-1117.5
-50.65			571	-1908.6	8653.2	-331.8	8711.4	-1919.3
-85.87			561	8171.0	-155.4	-722.4	8376.4	-222.6
-8.80			560	16289.8	12411.1	-623.3	16623.0	12077.9
-15.71			570	-4860.8	-4213.6	-225.9	-4142.6	-4931.8
-72.54		Min	Cent	-3509.4	-1488.9	-5055.4	190.4	-7654.4
-54.57			571	-10224.2	1284.9	-3368.2	2002.5	-11114.4
-76.07			561	1357.9	-1187.1	-5748.5	5397.2	-5567.3
-38.14			560	2707.5	2087.3	-5150.5	6997.0	-2202.2
-43.07			570	-28135.0	-25649.6	-2798.9	-23829.9	-29954.7
-56.97								
			NODE	Vxx	Vyy			
		Max	Cent	-5.1	30.5			
			571	-4.0	98.6			
			561	-4.0	-6.3			
			560	-6.2	-6.3			
			570	-6.2	98.6			
		Min	Cent	-29.3	4.8			
			571	-22.7	15.8			
			561	-22.7	-37.9			
			560	-35.8	-37.9			
			570	-35.8	15.8			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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	INV TO~2	Max	Cent	88.2	74.7	-34.1	150.9	44.8	
-47.42				571	99.1	248.0	-34.1	255.0	91.1
-78.65				561	99.1	-19.9	-34.1	121.8	-28.9
-29.03				560	80.6	-19.9	-34.1	101.4	-30.3
-31.93				570	80.6	248.0	-34.1	254.7	73.5
-79.12		Min	Cent	-27.5	12.0	-152.2	109.7	-159.9	
-45.14				571	-22.4	43.8	-152.2	173.3	-140.5
-49.42				561	-22.4	-104.4	-152.2	90.6	-221.1
-16.85				560	-33.3	-104.4	-152.2	83.4	-225.2
-17.90				570	-33.3	43.8	-152.2	164.6	-147.4
-51.39									
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	-677.9	-249.2	-617.8	2656.2	-1117.5	
-50.65				571	-1908.6	8653.2	-331.8	8711.4	-1919.3
-85.87				561	8171.0	-155.4	-722.4	8376.4	-222.6
-8.80				560	16289.8	12411.1	-623.3	16623.0	12077.9
-15.71				570	-4860.8	-4213.6	-225.9	-4142.6	-4931.8
-72.54		Min	Cent	-3509.4	-1819.8	-5055.4	190.4	-7654.4	
-54.57				571	-10224.2	1284.9	-3368.2	2002.5	-11114.4
-76.07				561	1357.9	-1187.1	-5748.5	5397.2	-5567.3
-38.14				560	2707.5	2087.3	-5150.5	6997.0	-2202.2
-43.07				570	-28135.0	-25649.6	-2798.9	-23829.9	-29954.7
-56.97									
			NODE	Vxx	Vyy				
		Max	Cent	-5.1	30.5				
				571	-4.0	98.6			
				561	-4.0	-6.3			
				560	-6.2	-6.3			
				570	-6.2	98.6			
		Min	Cent	-29.3	4.8				
				571	-22.7	15.8			
				561	-22.7	-37.9			
				560	-35.8	-37.9			
				570	-35.8	15.8			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22	2	14	c mob-a	Max	Cent	6.0	0.2	2.5	6.9
20.42						5.8	1.4	2.6	7.0
				582					0.2

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25.08			572	5.8	2.6	2.4	7.1	1.3
28.30			571	6.7	2.6	2.4	7.8	1.5
24.62			581	6.7	1.4	2.6	7.8	0.3
22.24								
-80.88	Min	Cent		-10.0	-0.0	-1.6	0.2	-10.3
-72.45			582	-7.3	-2.4	-1.7	-1.8	-7.8
-75.72			572	-7.3	-1.4	-1.6	-1.0	-7.7
-82.82			571	-13.8	-1.4	-1.6	-1.2	-14.0
-81.73			581	-13.8	-2.3	-1.7	-2.1	-14.1

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	229.4	11.6	1475.7	1600.2	-1359.2
42.89			582	92.9	20.6	1585.0	1642.1	-1528.7
44.35			572	276.8	171.6	882.5	1108.3	-659.9
43.29			571	452.0	1831.4	1195.0	2521.4	-238.1
60.00			581	106.1	325.9	1998.7	2217.8	-1785.7
46.57		Min	Cent	-1775.9	-290.6	-139.5	-277.6	-1788.9
-84.68			582	-459.2	-183.5	-161.8	-108.8	-533.9
-65.22			572	-2425.6	-30.0	-47.5	-29.1	-2426.5
-88.86			571	-3302.4	-324.9	-83.3	-322.6	-3304.7
-88.40			581	-1008.2	-2946.2	-219.5	-983.6	-2970.7
-6.38								

			NODE	Vxx	Vyy
	Max	Cent		3.2	1.7
		582		2.4	10.6
		572		2.4	1.4
		571		4.1	1.4
		581		4.1	10.8
	Min	Cent		-0.4	-0.1
		582		-0.2	-1.2
		572		-0.2	-7.5
		571		-0.6	-7.5
		581		-0.6	-1.3

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	5.0	0.4	5.5	8.7	-3.2
33.60			582	4.4	1.2	5.7	8.7	-3.2
37.23			572	4.4	6.1	5.3	10.6	-0.1
49.76			571	5.9	6.0	5.3	11.2	0.7
45.37								

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33.80			581	5.9	1.2	5.7	9.7	-2.7
-86.60	Min	Cent		-22.3	-0.0	-1.3	0.0	-22.4
-82.28			582	-15.3	-5.3	-1.4	-5.2	-15.5
-84.88			572	-15.4	-1.2	-1.3	-1.1	-15.5
-87.64			571	-32.2	-1.2	-1.3	-1.1	-32.2
-87.09			581	-32.2	-5.2	-1.4	-5.1	-32.3

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

44.19	Max	Cent		168.4	6.5	2877.3	2965.9	-2791.0
44.73			582	74.2	15.3	3111.4	3156.3	-3066.8
46.37			572	192.0	348.5	1640.0	1912.1	-1371.6
63.16			571	335.9	3680.1	2273.8	4830.5	-814.4
45.60			581	76.0	240.2	3947.9	4106.8	-3790.6
-88.00	Min	Cent		-3331.2	-520.4	-98.2	-516.9	-3334.7
-78.43			582	-889.9	-356.7	-113.9	-333.3	-913.3
-89.65			572	-4564.6	-23.5	-28.1	-23.3	-4564.8
-89.46			571	-6218.2	-257.7	-55.8	-257.2	-6218.7
-2.38			581	-1974.4	-5733.7	-156.8	-1967.9	-5740.2

			NODE	Vxx	Vyy
Max	Cent			6.0	3.0
			582	4.4	20.8
			572	4.4	1.1
			571	7.7	1.1
			581	7.6	21.1
Min	Cent			-0.3	-0.0
			582	-0.2	-0.9
			572	-0.2	-15.1
			571	-0.5	-15.1
			581	-0.5	-0.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

77.16	pp	Cent		-13.4	0.2	3.3	1.0	-14.1
63.92			582	-8.5	-3.2	3.4	-1.6	-10.2
76.45			572	-8.5	3.6	3.1	4.4	-9.3
81.98			571	-18.2	3.6	3.1	4.0	-18.6
77.81			581	-18.2	-3.1	3.4	-2.4	-18.9

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
59.32          Cent    -2882.2   -487.4   2192.2   813.1   -4182.7
47.60          582     -690.6   -264.3   2344.9   1877.1   -2832.0
74.95          572    -3952.3    270.2   1224.0   599.4   -4281.5
78.23          571    -5504.5   2420.2   1725.4   2779.6   -5863.9
31.78          581    -1393.2  -4382.0   3005.4   468.8   -6244.0
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      5.4      3.0
          582      3.9     16.2
          572      3.9    -10.2
          571      6.9    -10.2
          581      6.8     16.5
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          ANGLE
-----
          vento -y
58.29          Cent      -0.0      0.0      0.0      0.0      -0.0
          582      -0.2     -0.0      0.0     -0.0     -0.2
82.56          572     -0.2      0.0      0.0      0.0     -0.2
84.57          571      0.1      0.0      0.0      0.1      0.0
          581      0.1     -0.0      0.0      0.1     -0.0
7.40
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          ANGLE
-----
          Cent      -34.4    -8.1     35.0     16.2    -58.7
          582      -7.4     -4.0     37.2     31.5    -42.9
          572     -46.2      3.3     23.0     12.3    -55.3
          571     -60.8     34.0     29.9     42.6    -69.4
          581     -23.4    -65.7     46.2      6.2    -95.3
32.69
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.1      0.0
          582      0.0      0.2
          572      0.0     -0.1
          571      0.1     -0.1
          581      0.1      0.2
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          ANGLE
-----
          cedime~1
76.12          Cent     -10.7      0.0      2.8      0.7    -11.4
          582      -9.1     -2.5      2.9     -1.4    -10.2
69.04
    
```

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

77.42	572	-9.1	2.6	2.7	3.2	-9.7
79.94	571	-12.4	2.5	2.7	3.0	-12.9
74.75	581	-12.4	-2.4	2.9	-1.6	-13.2

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-89.63	Cent	-291.6	58.6	-2.3	58.6	-291.6
79.52	582	-121.3	-3.3	22.6	0.8	-125.5
-76.96	572	-399.2	26.5	-104.2	50.7	-423.3
-85.24	571	-637.1	252.7	-74.6	258.9	-643.3
37.28	581	-8.8	-41.9	60.0	36.9	-87.6

NODE	Vxx	Vyy
Cent	0.6	-0.4
582	0.3	0.3
572	0.3	-1.2
571	0.8	-1.2
581	0.8	0.4

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

76.84	perm	Cent	-9.1	0.1	2.3	0.6	-9.7
65.77		582	-6.4	-2.2	2.4	-1.1	-7.5
76.77		572	-6.4	2.4	2.2	2.9	-6.9
81.41		571	-11.8	2.3	2.2	2.7	-12.2
76.96		581	-11.9	-2.1	2.4	-1.6	-12.4

ANGLE NODE Mxx Myy Mxy Mmax Mmin

60.98	Cent	-1494.4	-162.5	1067.2	429.5	-2086.4
48.28	582	-395.9	-127.0	1169.1	915.4	-1438.3
76.51	572	-2039.7	137.5	554.2	270.5	-2172.6
79.50	571	-2809.8	1401.6	808.4	1551.5	-2959.6
33.06	581	-737.3	-2064.9	1498.6	237.9	-3040.1

NODE	Vxx	Vyy
Cent	2.7	0.9
582	2.0	7.7
572	2.0	-5.9
571	3.5	-5.9
581	3.5	7.8

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.54	INV TO~1	Max Cent	-1.1	0.7	12.6	9.6	-9.9
42.69		582	1.4	-0.2	13.1	10.8	-9.6
65.51		572	1.4	13.2	12.0	18.7	-4.4
69.74		571	-2.8	12.9	12.0	17.4	-7.6
48.63		581	-2.8	-0.2	13.1	8.7	-11.7
89.91		Min Cent	-50.0	0.1	0.1	0.1	-50.2
83.01		582	-36.2	-11.9	0.1	-11.5	-36.5
89.90		572	-36.2	0.4	0.0	0.4	-36.4
89.95		571	-67.7	0.4	0.0	0.4	-67.8
86.93		581	-67.8	-11.6	0.1	-11.4	-68.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.99	Max Cent	-1184.6	-88.2	4951.6	4313.0	-5644.5
45.46	582	-270.5	-99.2	5392.1	5185.3	-2174.6
56.16	572	-1666.0	634.6	2768.2	2463.6	-3521.6
70.60	571	-2199.6	6622.5	3878.1	7962.1	-3694.0
42.79	581	-594.0	-1624.9	6888.2	5773.9	-7957.1
80.54	Min Cent	-6283.2	-864.9	876.6	-718.5	-6420.1
59.81	582	-1718.6	-611.9	950.8	-45.6	-5641.3
86.63	572	-8601.0	97.0	385.8	125.8	-8618.1
86.74	571	-11841.4	963.1	621.4	1002.7	-11870.9
10.29	581	-3411.6	-9847.2	1202.3	-3184.5	-10086.0

NODE	Vxx	Vyy
Max Cent	11.4	4.9
582	8.3	36.1
572	8.2	-4.0
571	14.6	-4.0
581	14.6	36.7
Min Cent	2.2	0.4
582	1.6	6.0
572	1.6	-27.4
571	2.7	-27.4
581	2.6	6.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~2	Max	Cent					
47.54				-1.1	0.7	12.6	9.6	-9.9
42.69			582	1.4	-0.2	13.1	10.8	-9.6
65.51			572	1.4	13.2	12.0	18.7	-4.4
69.74			571	-2.8	12.9	12.0	17.4	-7.6
48.63			581	-2.8	-0.2	13.1	8.7	-11.7
89.91		Min	Cent	-50.0	0.1	0.1	0.1	-50.2
83.01			582	-36.2	-11.9	0.1	-11.5	-36.5
89.90			572	-36.2	0.4	0.0	0.4	-36.4
89.95			571	-67.7	0.4	0.0	0.4	-67.8
86.93			581	-67.8	-11.6	0.1	-11.4	-68.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.99		Max	Cent	-1184.6	-88.2	4951.6	4313.0	-5644.5
45.46			582	-270.5	-99.2	5392.1	5185.3	-2174.6
56.16			572	-1666.0	634.6	2768.2	2463.6	-3521.6
70.60			571	-2199.6	6622.5	3878.1	7962.1	-3694.0
42.79			581	-594.0	-1624.9	6888.2	5773.9	-7957.1
80.54		Min	Cent	-6283.2	-864.9	876.6	-718.5	-6420.1
59.81			582	-1718.6	-611.9	950.8	-45.6	-5641.3
86.63			572	-8601.0	97.0	385.8	125.8	-8618.1
86.74			571	-11841.4	963.1	621.4	1002.7	-11870.9
10.29			581	-3411.6	-9847.2	1202.3	-3184.5	-10086.0

		NODE	Vxx	Vyy
Max	Cent		11.4	4.9
	582		8.3	36.1
	572		8.2	-4.0
	571		14.6	-4.0
	581		14.6	36.7
Min	Cent		2.2	0.4
	582		1.6	6.0
	572		1.6	-27.4
	571		2.7	-27.4
	581		2.6	6.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
26	2	14	c mob-a	Max	Cent	35.8	0.1	1.0	35.8
					572	41.2	12.5	1.0	41.2
					562	41.2	0.9	1.0	41.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.47			561	30.8	0.9	1.0	30.9	0.8
1.97			571	30.8	12.5	1.0	30.9	12.5
3.22								
-53.66		Min	Cent	-9.0	-1.7	-11.7	6.9	-17.7
-53.78			572	-8.6	-1.2	-11.7	7.4	-17.2
-36.38			562	-8.6	-15.9	-11.7	0.1	-24.5
-38.76			561	-10.7	-15.9	-11.7	-1.3	-25.3
-56.04			571	-10.7	-1.2	-11.7	6.7	-18.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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59.52		Max	Cent	96.8	449.9	317.8	636.9	-90.2
40.63			572	250.6	168.9	265.3	478.2	-58.6
10.23			562	1751.2	27.6	321.5	1809.2	-30.4
8.97			561	2204.9	32.8	351.7	2260.4	-22.7
79.88			571	402.6	1917.6	279.4	1967.5	352.7
-50.34		Min	Cent	-375.7	-79.4	-786.0	572.3	-1027.4
-80.48			572	-2402.4	-37.2	-408.3	31.3	-2470.9
-47.91			562	-271.7	-110.3	-791.2	604.3	-986.3
-47.74			561	-386.2	-187.3	-1037.9	755.9	-1329.5
-77.31			571	-2974.7	-339.4	-625.0	-198.7	-3115.5

			NODE	Vxx	Vyy
	Max	Cent		0.8	0.6
			572	0.6	1.4
			562	0.6	0.8
			561	1.0	0.8
			571	1.0	1.4
	Min	Cent		-5.4	-3.4
			572	-4.6	-7.5
			562	-4.6	-0.2
			561	-6.2	-0.2
			571	-6.2	-7.5

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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0.95	c mob-b	Max	Cent	53.6	0.0	0.9	53.6	0.0
1.36			572	58.9	21.6	0.9	58.9	21.6
0.87			562	58.9	0.5	0.9	58.9	0.4
1.05			561	49.0	0.5	0.9	49.0	0.4
1.85			571	49.0	21.6	0.9	49.0	21.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-55.47	Min	Cent	-18.4	-3.1	-20.1	10.8	-32.3
-54.80		572	-15.4	-1.1	-20.1	13.1	-29.6
-36.52		562	-15.4	-27.7	-20.1	-0.5	-42.6
-41.28		561	-22.4	-27.7	-20.1	-4.7	-45.3
-58.98		571	-22.4	-1.1	-20.1	11.0	-34.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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73.29	Max	Cent	87.1	910.2	271.6	991.7	5.6
54.41		572	171.0	340.8	249.3	519.3	-7.5
4.57		562	3442.4	22.5	274.9	3464.4	0.5
3.97		561	4309.2	29.0	298.2	4329.9	8.3
86.10		571	296.0	3856.2	243.7	3872.8	279.4
-50.69	Min	Cent	-671.5	-62.4	-1513.9	1177.3	-1911.1
-80.24		572	-4495.4	-30.0	-791.4	106.1	-4631.6
-44.89		562	-204.8	-216.7	-1522.0	1311.2	-1732.8
-44.63		561	-299.1	-351.7	-2007.6	1682.4	-2333.2
-77.80		571	-5612.5	-268.7	-1211.5	-6.9	-5874.4

		NODE	Vxx	Vyy
Max	Cent		0.6	0.5
	572		0.4	1.1
	562		0.4	1.5
	561		0.7	1.5
	571		0.7	1.1
Min	Cent		-10.2	-6.8
	572		-8.7	-15.1
	562		-8.7	-0.1
	561		-11.8	-0.1
	571		-11.8	-15.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-19.64	pp	Cent	43.0	-2.7	-18.7	49.7	-9.4
-26.18		572	48.7	19.8	-18.7	57.9	10.6
-13.42		562	48.7	-25.3	-18.7	53.1	-29.7
-15.42		561	37.4	-25.3	-18.7	42.5	-30.4
-32.44		571	37.4	19.8	-18.7	49.2	7.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-58.87	Cent	-624.9	554.7	-1121.9	1232.4	-1302.6
-84.17	572	-3936.0	263.4	-433.0	307.5	-3980.2
-18.21	562	2877.7	-174.4	-1125.7	3247.9	-544.6
-19.03	561	3538.9	-424.8	-1551.7	4074.1	-960.0
-83.58	571	-4980.2	2554.6	-859.0	2651.3	-5076.9

NODE	Vxx	Vyy
Cent	-8.9	-4.2
572	-7.5	-10.2
562	-7.5	1.8
561	-10.2	1.8
571	-10.2	-10.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.08	vento -y	Cent	1.2	-0.0	-0.4	1.3	-0.2
-18.13		572	1.4	0.4	-0.4	1.5	0.3
-10.86		562	1.4	-0.5	-0.4	1.5	-0.5
-14.42		561	0.9	-0.5	-0.4	1.0	-0.6
-28.09		571	0.9	0.4	-0.4	1.1	0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-87.33	Cent	-7.4	8.5	-0.7	8.5	-7.4
82.53	572	-47.5	2.7	6.7	3.6	-48.3
-1.57	562	33.4	-1.5	-1.0	33.5	-1.5
-8.09	561	38.3	-3.0	-6.0	39.2	-3.8
88.94	571	-53.9	35.7	1.7	35.7	-54.0

NODE	Vxx	Vyy
Cent	-0.1	-0.1
572	-0.1	-0.1
562	-0.1	0.0
561	-0.1	0.0
571	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
84.40	cedime~1	Cent	-27.2	0.1	2.7	0.4	-27.5
85.16		572	-34.4	-2.7	2.7	-2.4	-34.6
85.87		562	-34.4	2.9	2.7	3.1	-34.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.37		561	-20.0	2.9	2.7	3.3	-20.4
81.35		571	-20.0	-2.7	2.7	-2.2	-20.5
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	36.1	69.8	-482.4	535.6	-429.7
-46.00		572	-344.1	43.8	-383.7	279.8	-580.1
-58.41		562	444.1	-36.2	-477.5	738.5	-330.6
-31.65		561	629.7	3.3	-527.8	930.3	-297.3
-29.66		571	-585.5	268.3	-434.0	450.1	-767.3
-67.26							
		NODE	Vxx	Vyy			
		Cent	-1.1	-0.6			
		572	-0.9	-1.2			
		562	-0.9	0.1			
		561	-1.4	0.1			
		571	-1.4	-1.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	12.8	-1.3	-7.9	16.3	-4.8
-24.13		572	12.1	8.5	-7.9	18.4	2.2
-38.58		562	12.1	-11.1	-7.9	14.6	-13.5
-17.08		561	13.4	-11.1	-7.9	15.7	-13.4
-16.36		571	13.4	8.5	-7.9	19.2	2.7
-36.39							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-279.6	356.5	-703.8	810.8	-733.9
-57.16		572	-1996.5	145.0	-336.6	196.7	-2048.1
-81.27		562	1503.8	-96.2	-706.6	1771.2	-363.6
-20.73		561	1910.1	-95.6	-929.5	2274.6	-460.1
-21.41		571	-2536.0	1472.7	-559.4	1549.3	-2612.6
-82.20							
		NODE	Vxx	Vyy			
		Cent	-4.6	-2.7			
		572	-3.9	-5.9			
		562	-3.9	0.5			
		561	-5.3	0.5			
		571	-5.3	-5.9			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~1	Max	Cent	85.1	-1.1	-3.8	85.6	-1.3
-4.28			572	91.7	37.7	-3.8	92.4	37.0
-6.76			562	91.7	-7.0	-3.8	92.1	-7.2
-3.64			561	79.5	-7.0	-3.8	80.0	-7.2
-4.13			571	79.5	37.7	-3.8	80.5	36.7
-8.63		Min	Cent	-39.3	-5.4	-35.0	14.3	-58.8
-58.89			572	-43.0	4.3	-35.0	20.7	-59.4
-63.09			562	-43.0	-48.5	-35.0	-11.9	-76.6
-43.89			561	-36.9	-48.5	-35.0	-8.6	-73.8
-41.20			571	-36.9	4.3	-35.0	22.1	-54.6
-61.24								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	-112.9	1655.0	-274.8	2896.9	-191.4
-51.41			572	-1658.2	649.0	21.5	697.6	-1658.4
-82.36			562	6595.2	-58.9	-272.6	6678.2	-70.8
-6.32			561	8357.3	-48.0	-454.7	8470.6	-77.8
-6.58			571	-1992.5	6946.8	-182.3	6986.5	-1996.3
-86.31		Min	Cent	-1186.2	249.3	-3229.9	1627.7	-3727.9
-81.21			572	-8409.4	94.8	-1788.7	329.9	-8768.6
-80.50			562	1137.0	-424.9	-3238.9	3238.9	-2812.5
-37.28			561	1388.7	-570.4	-4167.5	4178.4	-3637.8
-37.47			571	-10698.4	1014.5	-2628.9	1431.8	-11249.8
-79.23								

NODE Vxx Vyy

				Vxx	Vyy
	Max	Cent		-3.6	-1.9
		572		-3.1	-4.0
		562		-3.1	2.6
		561		-4.0	2.6
		571		-4.0	-4.0
	Min	Cent		-19.5	-12.4
		572		-16.5	-27.4
		562		-16.5	0.3
		561		-22.7	0.3
		571		-22.7	-27.4

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Max	Cent	85.1	-1.1	-3.8	85.6	-1.3
-4.28								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.76		572	91.7	37.7	-3.8	92.4	37.0
-3.64		562	91.7	-7.0	-3.8	92.1	-7.2
-4.13		561	79.5	-7.0	-3.8	80.0	-7.2
-8.63		571	79.5	37.7	-3.8	80.5	36.7
-58.89	Min	Cent	-39.3	-5.4	-35.0	14.3	-58.8
-63.09		572	-43.0	4.3	-35.0	20.7	-59.4
-43.89		562	-43.0	-48.5	-35.0	-11.9	-76.6
-41.20		561	-36.9	-48.5	-35.0	-8.6	-73.8
-61.24		571	-36.9	4.3	-35.0	22.1	-54.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-51.41	Max	Cent	-112.9	1655.0	-274.8	2896.9	-191.4
-82.36		572	-1658.2	649.0	21.5	697.6	-1658.4
-6.32		562	6595.2	-58.9	-272.6	6678.2	-70.8
-6.58		561	8357.3	-48.0	-454.7	8470.6	-77.8
-86.31		571	-1992.5	6946.8	-182.3	6986.5	-1996.3
-81.21	Min	Cent	-1186.2	249.3	-3229.9	1627.7	-3727.9
-80.50		572	-8409.4	94.8	-1788.7	329.9	-8768.6
-37.28		562	1137.0	-424.9	-3238.9	3238.9	-2812.5
-37.47		561	1388.7	-573.5	-4167.5	4178.4	-3637.8
-79.23		571	-10698.4	1014.5	-2628.9	1431.8	-11249.8

		NODE	Vxx	Vyy
Max	Cent		-3.6	-1.9
	572		-3.1	-4.0
	562		-3.1	2.6
	561		-4.0	2.6
	571		-4.0	-4.0
Min	Cent		-19.5	-12.4
	572		-16.5	-27.4
	562		-16.5	0.3
	561		-22.7	0.3
	571		-22.7	-27.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
180	2	23	c mob-a	Max	Cent	3782.3	0.0	26.7	3782.5	-0.2
0.40					197	3674.8	23.2	26.7	3675.0	23.0
0.42					192	3674.8	15.4	26.7	3675.0	15.2
0.42					191	3889.8	15.4	26.7	3890.0	15.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.40			196	3889.8	23.2	26.7	3890.0	23.0
0.40								
-62.28		Min	Cent	-17.0	-5.4	-8.4	-0.9	-21.4
-35.43				197	-16.5	-22.4	-8.4	-28.4
-25.50				192	-16.5	-30.2	-8.4	-34.2
-26.89				191	-17.8	-30.2	-8.4	-34.5
-37.45				196	-17.8	-22.4	-8.4	-28.8

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	2506.2	30.3	2073.2	3683.0	-1146.5
29.58				197	2816.4	147.7	1896.9	-837.2
27.44				192	2215.2	74.3	1970.4	-1097.6
30.74				191	2454.7	225.5	1979.5	-931.6
30.31				196	3279.0	263.6	1905.8	-658.8
25.83		Min	Cent	-9.8	-29.6	-2475.4	2455.7	-2495.1
-44.89				197	-10.4	-105.8	-2340.6	-2399.2
-44.42				192	-11.3	-121.2	-2372.3	-2439.2
-44.34				191	-313.9	-228.7	-2360.7	-2632.4
-45.52				196	-34.9	-259.2	-2328.9	-2478.7
-43.62								

			NODE	Vxx	Vyy
	Max	Cent		1.1	0.2
			197	0.9	0.5
			192	0.9	0.2
			191	1.8	0.2
			196	1.8	0.5
	Min	Cent		-0.2	-0.1
			197	-0.4	-0.3
			192	-0.4	-0.3
			191	-0.8	-0.3
			196	-0.8	-0.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	4005.9	0.0	28.4	4006.1	-0.2
0.41				197	3921.1	25.3	28.4	25.1
0.42				192	3921.1	23.3	28.4	23.1
0.42				191	4090.7	23.3	28.4	23.1
0.40				196	4090.7	25.3	28.4	25.1
0.40		Min	Cent	-11.8	-6.2	-13.3	4.6	-22.6
-51.00								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-26.30		197	-11.4	-31.8	-13.3	-4.9	-38.3
-25.58		192	-11.4	-32.8	-13.3	-5.1	-39.2
-26.10		191	-12.2	-32.8	-13.3	-5.7	-39.3
-26.84		196	-12.2	-31.8	-13.3	-5.5	-38.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	2957.4	36.1	2377.0	4286.7	-1293.1
29.21		197	3292.6	173.8	2180.9	4414.3	-947.9
27.22		192	2756.7	85.4	2263.9	4049.6	-1207.4
29.73		191	2901.4	260.9	2273.9	4210.6	-1048.3
29.93		196	3858.5	304.3	2190.9	4902.4	-739.6
25.48	Min	Cent	-6.9	-32.5	-2814.9	2795.3	-2834.7
-44.87		197	-9.4	-98.3	-2654.4	2600.9	-2708.6
-44.52		192	-8.1	-138.2	-2694.8	2622.4	-2768.7
-44.31		191	-301.5	-261.1	-2683.4	2402.2	-2964.8
-45.22		196	-45.9	-299.3	-2642.9	2473.3	-2818.5
-43.63							

		NODE	Vxx	Vyy
	Max	Cent	1.3	0.2
		197	0.9	0.6
		192	0.9	0.3
		191	2.1	0.3
		196	2.1	0.6
	Min	Cent	-0.3	-0.1
		197	-0.4	-0.3
		192	-0.4	-0.4
		191	-1.0	-0.4
		196	-1.0	-0.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	9424.8	-12.0	15.6	9424.9	-12.1
0.09		197	9094.1	-29.1	15.6	9094.1	-29.1
0.10		192	9094.1	5.0	15.6	9094.1	5.0
0.10		191	9755.6	5.0	15.6	9755.6	5.0
0.09		196	9755.6	-29.1	15.6	9755.6	-29.1
0.09							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	5759.8	-200.0	-108.3	5761.7	-202.0
-1.04							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.36	197	5724.8	-467.0	-38.6	5725.0	-467.2
-1.38	192	5743.5	-309.3	-145.6	5747.0	-312.8
-1.35	191	5923.8	32.8	-138.8	5927.1	29.5
-0.32	196	5647.0	-56.6	-31.9	5647.2	-56.8

NODE	Vxx	Vyy
Cent	-0.1	-1.4
197	0.0	-1.7
192	0.0	-1.1
191	-0.2	-1.1
196	-0.2	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.51	vento -y	Cent	86.7	-0.0	0.8	86.7	-0.0
0.56		197	79.4	0.6	0.8	79.4	0.6
0.55		192	79.4	-0.7	0.8	79.4	-0.7
0.47		191	94.1	-0.7	0.8	94.1	-0.7
0.47		196	94.1	0.6	0.8	94.1	0.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
66.23	Cent	-78.1	-0.2	42.6	18.5	-96.9
66.14	197	-75.1	-2.0	40.2	15.8	-92.9
67.98	192	-81.0	0.8	39.5	16.8	-97.0
70.11	191	-100.4	-4.4	39.9	10.0	-114.8
63.42	196	-56.0	4.7	40.6	25.0	-76.3

NODE	Vxx	Vyy
Cent	0.0	-0.0
197	0.0	-0.0
192	0.0	-0.0
191	0.0	-0.0
196	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.90	cedime~1	Cent	-821.9	1.8	-1.5	1.8	-821.9
-89.90		197	-866.9	3.0	-1.5	3.0	-866.9
-89.90		192	-866.9	0.6	-1.5	0.6	-866.9
-89.89		191	-776.9	0.6	-1.5	0.6	-776.9

PROJECT TITLE :

MIDAS	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.89 196 -776.9 3.0 -1.5 3.0 -776.9

ANGLE NODE Mxx Myy Mxy Mmax Mmin

67.75 Cent -673.1 -10.8 325.4 122.4 -806.2

70.89 197 -863.8 -62.6 315.4 46.7 -973.1

64.59 192 -485.8 20.6 310.7 168.2 -633.3

66.69 191 -605.8 -28.7 305.3 102.8 -737.3

70.48 196 -737.0 27.6 310.0 137.5 -846.9

 NODE Vxx Vyy

 Cent -0.2 -0.1

 197 -0.3 -0.2

 192 -0.3 0.1

 191 -0.1 0.1

 196 -0.1 -0.2

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

0.03 perm Cent 3099.1 -4.3 1.7 3099.1 -4.3

0.03 197 3023.6 -14.4 1.7 3023.6 -14.4

0.03 192 3023.6 5.8 1.7 3023.6 5.8

0.03 191 3174.7 5.8 1.7 3174.7 5.8

0.03 196 3174.7 -14.4 1.7 3174.7 -14.4

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-5.73 Cent 2046.1 8.0 -206.7 2066.8 -12.8

-4.60 197 2098.3 11.2 -169.1 2111.9 -2.4

-5.89 192 2023.1 27.7 -208.0 2044.6 6.2

-5.54 191 2134.2 30.2 -206.1 2154.2 10.2

-4.83 196 1928.6 -37.2 -167.2 1942.8 -51.3

 NODE Vxx Vyy

 Cent -0.0 0.1

 197 0.1 -0.0

 192 0.1 0.1

 191 -0.2 0.1

 196 -0.2 -0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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0.27      INV TO~1  Max  Cent    8507.0    -2.4    40.1    8507.2    -2.6
0.28                                197    8317.1    22.8    40.1    8317.2    22.6
0.28                                192    8317.1    37.9    40.1    8317.2    37.7
0.27                                191    8697.1    37.9    40.1    8697.2    37.7
0.26                                196    8697.1    22.8    40.1    8697.2    22.6
-0.45      Min  Cent    2254.3    -12.6   -17.7    2254.4   -12.7
-0.46                                197    2134.4   -57.2   -17.7    2134.6   -57.3
-0.47                                192    2134.4   -38.5   -17.7    2134.6   -38.6
-0.42                                191    2373.7   -38.5   -17.7    2373.9   -38.6
-0.42                                196    2373.7   -57.2   -17.7    2373.9   -57.3

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ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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22.55      Max  Cent    6038.6    56.7    3327.6    7285.5   -1190.2
20.70                                197    6543.3    245.8    3090.5    7591.7   -802.6
22.74                                192    5744.7    163.6    3158.8    6938.5  -1050.7
22.65                                191    6051.1    382.4    3169.0    7245.9   -812.4
19.76                                196    7137.6    401.3    3100.5    8140.2   -629.0
-39.59      Min  Cent    1359.8   -46.6   -4006.9    4404.6  -3139.7
-39.19                                197    1220.5   -194.2   -3752.5    4022.3  -2996.0
-38.39                                192    1522.2   -158.9   -3846.0    4323.5  -3071.2
-39.16                                191    1104.6   -350.9   -3828.7    3974.6  -3267.3
-38.65                                196    1129.7   -441.3   -3735.1    3868.9  -3196.6

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			NODE	Vxx	Vyy
	Max	Cent		1.7	0.4
			197	1.3	0.8
			192	1.3	0.5
			191	2.7	0.5
			196	2.7	0.8
	Min	Cent		-0.7	-0.2
			197	-0.8	-0.7
			192	-0.8	-0.4
			191	-1.6	-0.4
			196	-1.6	-0.7

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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0.09      INV TO~2  Max  Cent    12723.5   -2.4    40.1    12723.6   -2.6
0.10                                197    12277.0    22.8    40.1    12277.1    22.6

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.10		192	12277.0	37.9	40.1	12277.1	37.7
0.09		191	13170.0	37.9	40.1	13170.1	37.7
0.09		196	13170.0	22.8	40.1	13170.1	22.6
-0.45	Min	Cent	2254.3	-16.2	-17.7	2254.4	-16.3
-0.46		197	2134.4	-57.2	-17.7	2134.6	-57.3
-0.47		192	2134.4	-38.5	-17.7	2134.6	-38.6
-0.42		191	2373.7	-38.5	-17.7	2373.9	-38.6
-0.42		196	2373.7	-57.2	-17.7	2373.9	-57.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	7775.7	56.7	3327.6	7778.4	-272.7
-1.04		197	7728.5	245.8	3090.5	7728.8	-630.8
-0.36		192	7753.8	163.6	3158.8	7758.5	-422.2
-1.38		191	7997.1	382.4	3169.0	8001.5	39.8
-1.35		196	7623.5	401.3	3100.5	8140.2	-76.6
19.76	Min	Cent	1359.8	-270.0	-4006.9	4404.6	-3139.7
-39.59		197	1220.5	-630.4	-3752.5	4022.3	-2996.0
-39.19		192	1522.2	-417.5	-3846.0	4323.5	-3071.2
-38.39		191	1104.6	-350.9	-3828.7	3974.6	-3267.3
-39.16		196	1129.7	-441.3	-3735.1	3868.9	-3196.6
-38.65							

		NODE	Vxx	Vyy
Max	Cent		1.7	0.4
		197	1.3	0.8
		192	1.3	0.5
		191	2.7	0.5
		196	2.7	0.8
Min	Cent		-0.7	-1.9
		197	-0.8	-2.3
		192	-0.8	-1.5
		191	-1.6	-1.5
		196	-1.6	-2.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
181	2	23	c mob-a	Max	Cent	3793.6	18.6	24.8	3793.8	18.4
0.38					203	3668.6	63.5	24.8	3668.8	63.3
0.39					197	3668.6	21.4	24.8	3668.8	21.2
0.39					196	3919.8	21.4	24.8	3919.9	21.2
0.37					201	3919.8	63.5	24.8	3919.9	63.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.37								
	Min	Cent	-18.6	-0.1	-30.8	22.8	-41.5	
-53.35		203	-17.5	-3.4	-30.8	21.2	-42.0	
-51.46		197	-17.5	-37.3	-30.8	5.0	-59.8	
-36.09		196	-19.9	-37.3	-30.8	3.4	-60.6	
-37.09		201	-19.9	-3.4	-30.8	20.3	-43.5	
-52.49								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	3843.1	457.8	1357.7	4320.3	-19.5
19.37		203	5217.6	1552.4	1247.7	5602.0	1168.0
17.12		197	2732.4	103.1	1504.6	3415.8	-580.2
24.43		196	3021.5	194.5	1519.3	3683.2	-467.1
23.53		201	5732.3	385.0	1269.7	6018.5	98.8
12.70	Min	Cent	-16.3	-241.3	-2290.6	2164.6	-2422.2
-43.59		203	-736.7	-870.4	-2101.5	1299.0	-2906.1
-44.09		197	-10.3	-66.5	-2234.8	2196.6	-2273.3
-44.64		196	-35.4	-172.8	-2246.5	2143.4	-2351.6
-44.12		201	-1004.9	-213.7	-2112.6	1540.1	-2758.6
-50.30							

		NODE	Vxx	Vyy
Max	Cent		3.3	2.7
		203	2.8	5.2
		197	2.8	0.5
		196	3.8	0.5
		201	3.8	5.2
Min	Cent		-2.3	-1.5
		203	-2.0	-3.0
		197	-2.0	-0.3
		196	-2.6	-0.3
		201	-2.6	-3.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	4051.8	21.7	27.3	4052.0	21.5
0.39			203	3942.7	69.0	27.3	3942.9	68.8
0.40			197	3942.7	28.3	27.3	3942.9	28.1
0.40			196	4162.8	28.3	27.3	4162.9	28.1
0.38			201	4162.8	69.0	27.3	4163.0	68.8
0.38		Min	Cent	-12.8	-0.1	-38.7	32.7	-45.6
-49.69			203	-12.1	-5.6	-38.7	29.9	-47.7
-47.41								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-34.74	197	-12.1	-41.1	-38.7	14.7	-67.9
-35.21	196	-13.6	-41.1	-38.7	13.7	-68.3
-47.94	201	-13.6	-5.6	-38.7	29.3	-48.4

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

20.36	Max Cent	4355.0	548.3	1637.9	4962.7	-59.5
17.82	203	5915.4	1857.8	1454.1	6382.7	1390.5
24.59	197	3208.2	126.5	1784.2	4024.8	-690.1
24.21	196	3409.2	221.0	1796.4	4216.8	-586.6
12.82	201	6601.6	465.7	1472.9	6936.9	130.4
-43.48	Min Cent	-43.4	-312.9	-2538.4	2363.8	-2720.1
-44.92	203	-1122.7	-1135.5	-2300.7	1171.6	-3429.8
-44.69	197	-7.9	-61.0	-2492.3	2458.0	-2526.9
-44.13	196	-46.7	-199.4	-2510.7	2388.8	-2634.9
-51.99	201	-1425.1	-270.0	-2318.6	1541.8	-3237.0

NODE Vxx Vyy

Max Cent	3.8	3.3
203	3.1	6.3
197	3.1	0.6
196	4.5	0.6
201	4.5	6.3
Min Cent	-2.8	-1.9
203	-2.5	-3.8
197	-2.5	-0.3
196	-3.3	-0.3
201	-3.3	-3.8

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

-0.33	pp Cent	9564.9	43.7	-55.5	9565.3	43.4
-0.35	203	9115.1	74.5	-55.5	9115.4	74.2
-0.35	197	9115.1	12.9	-55.5	9115.4	12.6
-0.32	196	10014.8	12.9	-55.5	10015.1	12.6
-0.32	201	10014.8	74.5	-55.5	10015.1	74.2

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

5.73	Cent	5229.0	-602.7	591.5	5288.4	-662.1
7.22	203	4449.3	-1813.1	805.7	4551.3	-1915.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2.94	197	5984.5	-389.1	328.5	6001.4	-405.9
3.56	196	5802.0	-10.1	363.2	5824.6	-32.7
9.51	201	4680.0	-198.4	840.5	4820.8	-339.1

NODE	Vxx	Vyy
Cent	-0.9	-3.9
203	-1.0	-6.1
197	-1.0	-1.7
196	-0.9	-1.7
201	-0.9	-6.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.28	vento -y	Cent	84.7	0.1	-0.4	84.7	0.1
-0.31		203	76.1	0.2	-0.4	76.1	0.2
-0.31		197	76.1	-0.0	-0.4	76.1	-0.0
-0.25		196	93.3	-0.0	-0.4	93.3	-0.0
-0.26		201	93.3	0.2	-0.4	93.3	0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
60.89	Cent	-46.1	1.5	38.4	22.9	-67.4
56.38	203	-22.8	6.6	35.1	29.9	-46.2
66.53	197	-69.4	-0.3	36.9	15.7	-85.4
68.14	196	-82.5	-3.2	37.9	12.0	-97.7
49.92	201	-9.5	3.0	36.1	33.4	-39.8

NODE	Vxx	Vyy
Cent	0.1	0.0
203	0.0	0.0
197	0.0	-0.0
196	0.1	-0.0
201	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.97	cedime~1	Cent	-816.1	-6.0	-0.4	-6.0	-816.1
-89.97		203	-869.3	-16.6	-0.4	-16.6	-869.3
-89.97		197	-869.3	4.7	-0.4	4.7	-869.3
-89.97		196	-763.0	4.7	-0.4	4.7	-763.0
-89.97		201	-763.0	-16.6	-0.4	-16.6	-763.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.05		Cent	-499.5	-20.5	353.8	167.3	-687.2
51.37		203	-176.1	-16.4	352.9	265.7	-458.1
70.20		197	-807.5	-45.7	315.1	67.8	-920.9
71.56		196	-905.3	-22.9	331.0	87.5	-1015.7
49.32		201	-109.2	3.0	368.8	320.0	-426.2

NODE	Vxx	Vyy
Cent	0.6	-0.1
203	0.5	0.0
197	0.5	-0.2
196	0.7	-0.2
201	0.7	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.38	perm	Cent	3170.2	15.4	-20.8	3170.4	15.3
-0.39		203	3050.0	23.9	-20.8	3050.2	23.7
-0.39		197	3050.0	7.0	-20.8	3050.2	6.8
-0.36		196	3290.4	7.0	-20.8	3290.6	6.8
-0.36		201	3290.4	23.9	-20.8	3290.6	23.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
2.14		Cent	1605.4	-147.7	65.7	1607.9	-150.1
5.71		203	1109.4	-530.5	165.5	1125.9	-547.0
-0.54		197	2145.4	25.3	-20.1	2145.6	25.1
-0.49		196	2101.4	14.7	-18.0	2101.6	14.5
8.02		201	1065.5	-100.1	167.6	1089.1	-123.7

NODE	Vxx	Vyy
Cent	-0.8	-0.9
203	-0.8	-1.7
197	-0.8	-0.0
196	-0.9	-0.0
201	-0.9	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	8640.2	44.7	16.1	8640.2	44.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.11			203	8372.7	117.0	16.1	8372.7	116.9
0.11			197	8372.7	49.9	16.1	8372.7	49.9
0.11			196	8910.2	49.9	16.1	8910.2	49.9
0.10			201	8910.2	117.0	16.1	8910.2	117.0
0.10		Min	Cent	2329.0	9.3	-73.3	2331.3	7.0
-1.81			203	2157.1	-0.3	-73.3	2159.6	-2.8
-1.94			197	2157.1	-48.5	-73.3	2159.5	-50.2
-1.91			196	2500.7	-48.5	-73.3	2502.8	-50.1
-1.65			201	2500.7	-0.3	-73.3	2502.8	-2.5
-1.68								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	7484.6	592.5	2630.7	8168.9	-91.8
16.73			203	9095.2	1977.6	2481.5	9713.5	1389.6
17.75			197	6476.4	196.1	2703.7	7281.6	-609.1
18.63			196	6703.8	313.0	2738.2	7509.0	-492.2
18.50			201	9977.6	531.6	2524.9	10507.5	59.9
14.20		Min	Cent	1047.3	-590.6	-3361.1	3345.2	-3035.5
-37.38			203	-582.3	-2079.8	-2940.5	1362.6	-4289.9
-36.93			197	1324.0	-110.1	-3384.7	3759.2	-2545.3
-38.43			196	1133.0	-277.4	-3407.4	3584.0	-2728.4
-38.54			201	-967.6	-464.7	-2962.5	1891.3	-3630.6
-47.79								

		NODE	Vxx	Vyy
	Max	Cent	4.9	3.6
		203	4.0	6.7
		197	4.0	0.8
		196	5.8	0.8
		201	5.8	6.7
	Min	Cent	-4.7	-3.5
		203	-4.2	-6.9
		197	-4.2	-0.7
		196	-5.3	-0.7
		201	-5.3	-6.9

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max	Cent	12912.7	59.0	16.1	12913.1	58.6
-0.33			203	12305.4	117.0	16.1	12305.8	116.9
-0.35			197	12305.4	49.9	16.1	12305.8	49.9
-0.35								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.32			196	13520.0	49.9	16.1	13520.4	49.9
-0.32			201	13520.0	117.0	16.1	13520.4	117.0
-1.81		Min	Cent	2329.0	9.3	-74.9	2331.3	7.0
-1.94			203	2157.1	-0.3	-74.9	2159.6	-2.8
-1.91			197	2157.1	-48.5	-74.9	2159.5	-50.2
-1.65			196	2500.7	-48.5	-74.9	2502.8	-50.1
-1.68			201	2500.7	-0.3	-74.9	2502.8	-2.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

16.73		Max	Cent	7484.6	592.5	2630.7	8168.9	-91.8
17.75			203	9095.2	1977.6	2481.5	9713.5	1389.6
2.94			197	8079.1	196.1	2703.7	8101.9	-548.0
3.56			196	7832.7	313.0	2738.2	7863.2	-44.2
14.20			201	9977.6	531.6	2524.9	10507.5	59.9
-37.38		Min	Cent	1047.3	-813.6	-3361.1	3345.2	-3035.5
-36.93			203	-582.3	-2447.7	-2940.5	1362.6	-4289.9
-38.43			197	1324.0	-525.2	-3384.7	3759.2	-2545.3
-38.54			196	1133.0	-277.4	-3407.4	3584.0	-2728.4
-47.79			201	-967.6	-464.7	-2962.5	1891.3	-3630.6

			NODE	Vxx	Vyy
	Max	Cent		4.9	3.6
		203		4.0	6.7
		197		4.0	0.8
		196		5.8	0.8
		201		5.8	6.7
	Min	Cent		-4.7	-5.2
		203		-4.2	-8.2
		197		-4.2	-2.3
		196		-5.3	-2.3
		201		-5.3	-8.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
211	2	14	c mob-a	Max	Cent	87.1	0.5	28.0	95.4	-7.8
16.43					566	64.7	27.2	28.0	79.6	12.2
28.11					556	64.7	6.8	28.0	76.0	-4.6
22.02					555	110.2	6.8	28.0	117.3	-0.3
14.21					565	110.2	27.2	28.0	118.8	18.6
17.00				Min	Cent	-65.2	-2.6	-8.0	-1.6	-66.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-82.83		566	-60.9	-6.5	-8.0	-5.3	-62.0
-81.79		556	-60.9	-31.5	-8.0	-29.4	-62.9
-75.70		555	-70.5	-31.5	-8.0	-29.9	-72.1
-78.83		565	-70.5	-6.5	-8.0	-5.5	-71.5
-82.97							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	66.8	661.5	2358.5	2741.3	-2013.0
48.59			566	32.5	4500.6	2102.9	5334.7	-801.5
68.37			556	2334.7	73.5	2590.0	4030.1	-1621.8
33.21			555	913.0	13.2	2091.9	2602.8	-1676.6
38.93			565	49.0	438.3	1606.7	1862.1	-1374.7
48.45		Min	Cent	-1123.6	-30.5	-152.9	-9.5	-1144.6
-82.19			566	-3990.2	-192.5	-129.8	-188.0	-3994.7
-88.04			556	-22.7	-2100.6	-163.9	-9.9	-2113.5
-4.48			555	-434.4	-419.7	-165.3	-261.6	-592.5
-46.28			565	-2436.1	-14.6	-131.7	-7.5	-2443.2
-86.90								

		NODE	Vxx	Vyy
	Max	Cent	0.1	5.1
		566	0.1	17.9
		556	0.1	0.3
		555	0.2	0.3
		565	0.2	17.9
	Min	Cent	-6.2	-0.2
		566	-8.7	-0.7
		556	-8.7	-8.5
		555	-3.8	-8.5
		565	-3.8	-0.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	92.2	0.7	27.9	100.1	-7.1
15.67				566	68.5	27.6	27.9	82.6	13.4
26.86				556	68.5	14.2	27.9	80.2	2.5
22.89				555	117.0	14.2	27.9	124.0	7.2
14.24				565	117.0	27.6	27.9	124.9	19.6
15.97			Min	Cent	-19.2	-2.6	-16.8	7.9	-29.6
-58.13				566	-22.3	-13.3	-16.8	-0.4	-35.2
-52.49				556	-22.3	-32.3	-16.8	-9.7	-44.8
-36.67									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-33.21		555	-17.6	-32.3	-16.8	-6.6	-43.3
-48.71		565	-17.6	-13.3	-16.8	1.5	-32.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	41.7	660.5	2384.9	2755.9	-2053.8
48.70		566	8.4	4654.2	2138.4	5488.6	-826.0
68.68		556	2451.1	143.6	2617.5	4157.8	-1563.2
33.11		555	1049.1	24.3	2081.8	2680.6	-1607.2
38.09		565	40.5	460.8	1605.0	1869.4	-1368.1
48.73	Min	Cent	-1281.5	-45.3	-288.0	18.5	-1345.3
-77.51		566	-4472.3	-327.2	-244.0	-312.9	-4486.6
-86.64		556	-6.8	-2164.1	-300.7	34.4	-2205.3
-7.79		555	-436.8	-443.3	-334.3	-105.7	-774.3
-44.72		565	-3187.5	-26.0	-279.2	-1.6	-3212.0
-84.99							

		NODE	Vxx	Vyy
	Max	Cent	0.0	5.1
		566	0.0	18.5
		556	0.0	0.5
		555	0.2	0.5
		565	0.2	18.5
	Min	Cent	-6.9	-0.4
		566	-9.4	-1.3
		556	-9.4	-8.9
		555	-4.7	-8.9
		565	-4.7	-1.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	43.8	-1.2	-10.2	46.0	-3.4
-12.18		566	17.0	-5.8	-10.2	20.8	-9.7
-20.89		556	17.0	3.5	-10.2	22.4	-2.0
-28.30		555	70.7	3.5	-10.2	72.2	2.0
-8.44		565	70.7	-5.8	-10.2	72.0	-7.2
-7.45							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-1722.4	399.2	2040.4	1638.1	-2961.3
58.73		566	-5598.0	3840.1	1846.8	4188.6	-5946.5
79.31		556	2092.8	-2261.6	2256.7	3051.4	-3220.1
23.01							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

38.33		555	393.4	-411.6	1698.7	1736.6	-1754.8
74.25		565	-3777.8	429.9	1288.8	793.2	-4141.1

NODE	Vxx	Vyy
Cent	-7.6	3.1
566	-10.3	15.5
556	-10.3	-9.3
555	-4.8	-9.3
565	-4.8	15.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	1.7	-0.1	1.7	2.7	-1.1
30.83		566	1.3	1.5	1.7	3.1	-0.2
46.59		556	1.3	-1.7	1.7	2.1	-2.5
23.71		555	2.0	-1.7	1.7	2.7	-2.4
20.70		565	2.0	1.5	1.7	3.5	0.1
40.45							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	5.8	12.6	52.3	61.7	-43.2
46.86	566	26.9	93.4	45.2	116.2	4.0
63.17	556	-16.1	-43.2	56.8	28.8	-88.0
38.30	555	-39.0	-7.5	50.9	30.0	-76.5
53.60	565	51.6	7.9	39.3	74.6	-15.2
30.45						

NODE	Vxx	Vyy
Cent	0.0	0.1
566	0.0	0.4
556	0.0	-0.2
555	0.1	-0.2
565	0.1	0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	25.2	2.3	-28.0	44.1	-16.5
-33.91		566	20.7	-25.7	-28.0	33.9	-38.9
-25.18		556	20.7	30.4	-28.0	54.0	-2.9
-49.89		555	29.7	30.4	-28.0	58.1	2.0
-45.37		565	29.7	-25.7	-28.0	41.4	-37.5
-22.67							

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	566	556	555	565		
-39.55	268.9	1612.5	-1022.6	162.8	322.9	-565.0	-2166.9
-17.67							
-58.61							
-46.07							
-38.81							

NODE Vxx Vyy

Cent	2.5	-4.4
566	4.5	-14.6
556	4.5	5.9
555	0.4	5.9
565	0.4	-14.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-14.05	perm	Cent	15.3	-0.2	-4.1	16.4	-1.2
-22.09		566	6.1	-2.4	-4.1	7.8	-4.1
-32.00		556	6.1	2.0	-4.1	8.7	-0.5
-10.10		555	24.6	2.0	-4.1	25.3	1.3
-8.53		565	24.6	-2.4	-4.1	25.2	-3.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.22	Cent	-613.5	162.6	566.0	460.8	-911.8
81.28	566	-2029.4	1240.9	513.4	1319.6	-2108.2
21.00	556	811.9	-595.7	633.9	1055.3	-839.0
33.91	555	236.9	-129.6	449.7	539.2	-431.9
78.87	565	-1473.5	134.7	329.3	199.5	-1538.3

NODE Vxx Vyy

Cent	-2.8	1.2
566	-3.7	5.0
556	-3.7	-2.5
555	-1.9	-2.5
565	-1.9	5.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.98	INV TO~1 Max	Cent	165.1	3.2	33.7	165.3	3.0
		566	119.3	34.8	33.7	119.5	20.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2.90			556	119.3	51.7	33.7	119.7	51.2
4.71			555	212.2	51.7	33.7	212.4	51.5
2.00			565	212.2	34.8	33.7	212.3	27.5
1.58								
-71.07	Min	Cent		-72.7	-3.7	-54.9	5.5	-84.0
-68.03			566	-76.1	-46.1	-54.9	-9.5	-105.8
-61.35			556	-76.1	-41.6	-54.9	-26.9	-92.4
-59.18			555	-70.6	-41.6	-54.9	-25.6	-86.6
-66.55			565	-70.6	-46.1	-54.9	-8.7	-98.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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50.89	Max	Cent		-254.4	1055.6	3785.7	4133.2	-1542.9
72.22			566	-373.0	7524.1	3400.2	8614.7	-865.1
30.76			556	4120.9	1056.3	4167.5	6601.0	45.7
37.52			555	1815.9	219.3	3273.7	4166.8	-436.9
56.71			565	-1084.4	756.7	2498.2	2397.2	-1563.4
85.87	Min	Cent		-2343.6	-463.6	-1989.6	114.3	-3600.9
-68.22			566	-8067.0	-2888.7	-1695.2	-2211.5	-8070.8
3.03			556	-241.3	-3517.3	-2183.1	793.3	-3529.3
-0.24			555	-352.8	-728.0	-2059.4	-352.8	-2610.5
-89.54			565	-5776.6	-247.1	-1573.7	99.9	-5892.4

			NODE	Vxx	Vyy
	Max	Cent		-0.3	8.1
			566	0.9	30.0
			556	0.9	4.1
			555	-1.3	4.1
			565	-1.3	30.0
	Min	Cent		-12.1	-3.6
			566	-16.4	-11.3
			556	-16.4	-14.5
			555	-8.3	-14.5
			565	-8.3	-11.3

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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1.98	INV TO~2	Max	Cent		165.1	3.2	33.7	165.3	3.0
2.90				566	119.3	34.8	33.7	119.5	20.3
4.71				556	119.3	51.7	33.7	119.7	51.2
2.00				555	212.2	51.7	33.7	212.4	51.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.58			565	212.2	34.8	33.7	212.3	27.5
-71.07	Min	Cent		-72.7	-3.7	-54.9	5.5	-84.0
-68.03			566	-76.1	-46.1	-54.9	-9.5	-105.8
-61.35			556	-76.1	-41.6	-54.9	-26.9	-92.4
-59.18			555	-70.6	-41.6	-54.9	-25.6	-86.6
-66.55			565	-70.6	-46.1	-54.9	-8.7	-98.4

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

50.89	Max	Cent		-254.4	1055.6	3785.7	4133.2	-1542.9
72.22			566	-373.0	7524.1	3400.2	8614.7	-865.1
30.76			556	4120.9	1056.3	4167.5	6601.0	45.7
37.52			555	1815.9	219.3	3273.7	4166.8	-436.9
56.71			565	-1084.4	756.7	2498.2	2397.2	-1563.4
85.87	Min	Cent		-2343.6	-463.6	-1989.6	114.3	-3997.8
-68.22			566	-8067.0	-2888.7	-1695.2	-2211.5	-8070.8
3.03			556	-241.3	-3517.3	-2183.1	793.3	-4347.2
-0.24			555	-352.8	-728.0	-2059.4	-352.8	-2610.5
-89.54			565	-5776.6	-247.1	-1573.7	99.9	-5892.4

		NODE	Vxx	Vyy
Max	Cent		-0.3	8.1
		566	0.9	30.0
		556	0.9	4.1
		555	-1.3	4.1
		565	-1.3	30.0
Min	Cent		-12.1	-3.6
		566	-16.4	-11.3
		556	-16.4	-14.5
		555	-8.3	-14.5
		565	-8.3	-11.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
212	2	14	c mob-a	Max	Cent	21.1	0.4	7.4	23.5	-2.0	
17.90						577	12.5	6.3	7.4	17.5	1.4
33.66						566	12.5	15.5	7.4	21.6	6.5
50.65						565	40.7	15.5	7.4	42.7	13.5
15.29						576	40.7	6.3	7.4	42.2	4.8
11.71				Min	Cent	-57.7	-0.2	-16.8	4.3	-62.3	
-74.89						577	-54.3	-14.7	-16.8	-8.6	-60.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-69.88			566	-54.3	-6.5	-16.8	-1.2	-59.6
-72.48			565	-70.2	-6.5	-16.8	-2.4	-74.3
-76.12			576	-70.2	-14.7	-16.8	-10.0	-74.9
-74.43								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	15.4	61.3	22.2	70.3	6.4
67.94			577	18.5	128.6	34.8	138.7	8.5
73.86			566	31.8	4318.3	48.6	4318.8	31.2
89.35			565	42.7	375.4	83.2	395.1	23.0
76.72			576	24.9	5.5	25.5	42.5	-12.1
34.56		Min	Cent	-2169.4	-242.8	-2390.9	1371.5	-3783.8
-55.97			577	-733.0	-5182.8	-3011.6	786.4	-6702.2
-26.77			566	-4539.1	-188.7	-1916.6	535.2	-5263.0
-69.31			565	-2654.6	-11.0	-1303.6	523.7	-3189.3
-67.70			576	-903.6	-340.7	-2394.2	1788.6	-3032.8
-48.35								

			NODE	Vxx	Vyy
	Max	Cent		4.6	0.6
		577		7.0	0.5
		566		7.0	17.9
		565		2.2	17.9
		576		2.2	0.5
	Min	Cent		-0.0	-1.1
		577		-0.0	-19.2
		566		-0.0	-0.7
		565		-0.1	-0.7
		576		-0.1	-19.2

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	44.4	0.2	15.7	49.4	-4.8
17.65				577	15.6	13.3	15.7	30.1	-1.3
42.92				566	15.6	6.8	15.7	27.4	-5.1
37.14				565	83.1	6.8	15.7	86.2	3.7
11.16				576	83.1	13.3	15.7	86.4	9.9
12.09			Min	Cent	-27.7	-0.3	-7.6	1.7	-29.7
-75.55				577	-38.4	-6.5	-7.6	-4.8	-40.1
-77.31				566	-38.4	-13.6	-7.6	-11.5	-40.5
-74.30				565	-30.0	-13.6	-7.6	-10.6	-32.9
-68.62									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-73.59 576 -30.0 -6.5 -7.6 -4.3 -32.2

 ANGLE

	Max	Cent						
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.03				3.4	54.4	37.7	74.5	-16.7
72.44			577	29.7	205.8	61.9	225.4	10.2
89.75			566	7.5	4464.7	19.4	4464.8	7.4
88.32			565	37.5	380.1	10.0	380.4	37.2
35.36			576	41.2	9.3	45.6	73.6	-23.1
-56.82	Min	Cent		-2421.0	-268.9	-2457.4	1337.7	-4027.6
-27.08			577	-747.4	-5200.2	-3082.1	828.3	-6775.9
-69.93			566	-5054.0	-322.4	-1995.6	406.8	-5783.2
-70.10			565	-3321.4	-17.6	-1376.4	480.7	-3819.7
-48.49			576	-947.9	-346.4	-2453.9	1825.1	-3119.4

 NODE Vxx Vyy

Max	Cent	5.1	0.7
	577	7.7	0.8
	566	7.7	18.5
	565	3.0	18.5
	576	3.0	0.8
Min	Cent	-0.0	-1.2
	577	-0.0	-19.3
	566	-0.0	-1.3
	565	-0.1	-1.3
	576	-0.1	-19.3

 LC NODE Fxx Fyy Fxy Fmax Fmin

20.48	pp	Cent	28.5	-0.0	12.4	33.1	-4.7
70.61			577	-20.5	10.4	12.4	-24.8
56.02			566	-20.5	-10.4	12.4	-28.8
7.87			565	77.5	-10.4	12.4	-12.2
10.13			576	77.5	10.4	12.4	8.1

 ANGLE

-60.01		Cent	-2957.6	-300.4	-2300.2	1027.4	-4285.4
-27.10			577	-678.8	-4889.6	-2919.0	-6383.2
-79.79			566	-6203.5	3658.5	-1836.0	-6534.2
-75.61			565	-4049.5	348.3	-1208.0	-4359.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
36.07          Cent      951.0      13.6      1454.3      2010.2      -1045.6
64.56          577       522.1      3670.4      1936.2      4591.7      -399.1
10.13          566      2053.8      -3555.4      1034.7      2238.6      -3740.2
28.14          565       514.2      -289.3       602.0       836.2       -611.3
40.42          576       713.8       228.6      1503.5      1994.2      -1051.7
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      -2.0      -0.4
          577       -4.0      13.7
          566       -4.0     -14.6
          565        0.0     -14.6
          576        0.0      13.7
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent      9.3      -0.1      4.6      11.2      -2.0
22.20          577     -12.8      4.0      4.6       5.2     -14.0
75.64          566     -12.8     -4.2      4.6      -2.2     -14.8
66.46          565      31.5     -4.2      4.6      32.0      -4.8
7.25           576      31.5      4.0      4.6      32.2       3.3
9.30
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent     -1069.9    -81.4    -790.7     356.8    -1508.2
-61.00          577     -217.6   -1514.4    -991.5     318.7    -2050.7
-28.41          566    -2218.7    1184.1    -648.8    1303.6    -2338.2
-79.56          565    -1552.8     110.9    -441.8     220.9    -1662.8
-76.01          576     -290.6    -106.2    -784.5     591.5     -988.4
-48.35
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent        2.2     -0.3
          577         3.1     -5.6
          566         3.1       5.0
          565         1.4       5.0
          576         1.4     -5.6
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1  Max    Cent      126.5      0.5      43.5      140.0      -8.1
17.27          577       44.6      37.4      43.5       84.6       -2.6
42.63          566       44.6      16.7      43.5       71.3     -13.7
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

31.57							
10.74		565	221.6	16.7	43.5	229.8	11.7
12.64		576	221.6	37.4	43.5	231.3	27.6
-88.40	Min	Cent	-68.6	-0.9	-18.0	-0.9	-73.1
-76.44		577	-86.1	-15.8	-18.0	-11.5	-90.5
-88.46		566	-86.1	-38.7	-18.0	-38.7	-90.9
-69.25		565	-63.3	-38.7	-18.0	-15.8	-70.1
-71.41		576	-63.3	-15.8	-18.0	-9.8	-69.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-57.68	Max	Cent	-98.1	14.9	714.5	2154.9	-758.3
67.72		577	344.7	2433.9	1028.3	2855.1	-76.5
-86.46		566	-122.1	7211.4	451.6	7247.5	-175.3
-71.54		565	-981.0	624.0	272.5	854.7	-1035.2
-48.47		576	478.9	135.0	780.6	3055.4	-492.4
-62.69	Min	Cent	-4338.2	-444.4	-4108.2	383.3	-6937.5
-29.87		577	-1226.6	-8534.6	-5152.3	344.1	-11197.1
-66.09		566	-9041.6	-2806.6	-3342.8	-1783.1	-10074.1
-73.73		565	-6036.6	-202.2	-2300.0	293.6	-6804.3
-47.79		576	-1570.2	-573.9	-4097.3	562.1	-5199.5

		NODE	Vxx	Vyy
Max	Cent		9.1	0.6
		577	13.4	9.2
		566	13.4	30.0
		565	5.6	30.0
		576	5.6	9.2
Min	Cent		0.2	-2.4
		577	-1.0	-31.7
		566	-1.0	-11.3
		565	1.3	-11.3
		576	1.3	-31.7

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

17.27	INV TO~2	Max	Cent	126.5	0.5	43.5	140.0	-6.3
42.63			577	44.6	37.4	43.5	84.6	-2.6
31.57			566	44.6	16.7	43.5	71.3	-13.7
10.74			565	221.6	16.7	43.5	229.8	11.7
12.64			576	221.6	37.4	43.5	231.3	27.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.40	Min	Cent	-68.6	-0.9	-18.0	-0.9	-73.1
-76.44		577	-86.1	-15.8	-18.0	-11.5	-90.5
-88.46		566	-86.1	-38.7	-18.0	-38.7	-90.9
-69.25		565	-63.3	-38.7	-18.0	-15.8	-70.1
-71.41		576	-63.3	-15.8	-18.0	-9.8	-69.4

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-57.68	Max	Cent	-98.1	14.9	714.5	2154.9	-758.3
67.72		577	344.7	2433.9	1028.3	2855.1	-76.5
-86.46		566	-122.1	7211.4	451.6	7247.5	-175.3
-75.61		565	-981.0	624.0	272.5	888.7	-1035.2
-48.47		576	478.9	135.0	780.6	3055.4	-492.4
-62.69	Min	Cent	-4338.2	-444.4	-4108.2	383.3	-6937.5
-29.87		577	-1226.6	-8534.6	-5152.3	344.1	-11197.1
-66.09		566	-9041.6	-2806.6	-3342.8	-1783.1	-10074.1
-73.73		565	-6036.6	-202.2	-2300.0	293.6	-6804.3
-47.79		576	-1570.2	-573.9	-4097.3	562.1	-5199.5

		NODE	Vxx	Vyy
Max	Cent		9.1	0.6
	577		13.4	9.2
	566		13.4	30.0
	565		5.6	30.0
	576		5.6	9.2
Min	Cent		0.2	-2.4
	577		-1.0	-31.7
	566		-1.0	-11.3
	565		1.3	-11.3
	576		1.3	-31.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
258	2	23	c mob-a	Max	Cent	3531.5	2.1	65.1	3532.7
1.06					198	3390.5	19.0	65.1	3391.7
1.11					193	3390.5	17.6	65.1	3391.7
1.11					192	3672.5	17.6	65.1	3673.6
1.02					197	3672.5	19.0	65.1	3673.6
1.02				Min	Cent	-15.9	-14.8	-41.3	25.9
-45.36					198	-15.2	-44.8	-41.3	13.9
-35.12					193	-15.2	-16.4	-41.3	25.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.56							
		192	-16.5	-16.4	-41.3	24.8	-57.7
-45.02							
		197	-16.5	-44.8	-41.3	13.0	-74.3
-35.54							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	2512.9	181.4	1916.4	3590.3	-895.9
29.34								
			198	2843.2	739.4	1927.7	3987.3	-404.7
30.69								
			193	2333.5	347.5	1884.4	3470.6	-789.6
31.11								
			192	2201.6	77.7	1920.7	3334.4	-1055.1
30.53								
			197	2826.7	149.3	1964.0	3864.8	-888.8
27.86								
		Min	Cent	-10.0	-142.6	-2352.0	2276.6	-2429.2
-44.19								
			198	-11.0	-770.7	-2372.4	2011.7	-2793.4
-40.45								
			193	-10.6	-193.7	-2371.2	2270.8	-2475.1
-43.89								
			192	-11.4	-168.2	-2374.1	2285.6	-2465.2
-44.05								
			197	-10.3	-74.9	-2375.4	2333.0	-2418.2
-44.61								

			NODE	Vxx	Vyy
		Max	Cent	0.8	0.9
			198	0.8	2.1
			193	0.8	1.2
			192	0.9	1.2
			197	0.9	2.1
		Min	Cent	-0.4	-0.9
			198	-0.4	-2.7
			193	-0.4	-0.6
			192	-0.4	-0.6
			197	-0.4	-2.7

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

		c mob-b	Max	Cent	3804.1	2.4	72.5	3805.5	1.0
1.09									
				198	3689.4	21.9	72.5	3690.9	20.5
1.13									
				193	3689.4	21.9	72.5	3690.9	20.5
1.13									
				192	3918.8	21.9	72.5	3920.1	20.6
1.07									
				197	3918.8	21.9	72.5	3920.1	20.6
1.07									
			Min	Cent	-10.9	-15.3	-55.6	42.6	-68.7
-43.88									
				198	-10.4	-48.5	-55.6	29.3	-88.3
-35.54									
				193	-10.4	-19.2	-55.6	41.0	-70.6
-42.74									
				192	-11.4	-19.2	-55.6	40.4	-71.1
-43.00									
				197	-11.4	-48.5	-55.6	28.6	-88.6
-35.78									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	2970.1	220.5	2201.2	4190.5	-999.9
29.01		198	3300.5	917.2	2218.7	4627.3	-409.7
30.88		193	2720.2	334.8	2176.1	4009.0	-954.0
30.64		192	2751.4	103.2	2210.0	4003.6	-1149.0
29.54		197	3299.3	168.2	2252.8	4477.1	-1009.6
27.60	Min	Cent	-7.0	-168.0	-2666.8	2580.5	-2755.5
-44.14		198	-9.8	-852.4	-2685.5	2287.2	-3149.4
-40.54		193	-7.0	-249.6	-2680.3	2554.7	-2811.3
-43.70		192	-8.5	-190.2	-2691.3	2593.5	-2792.2
-44.03		197	-9.4	-82.7	-2696.6	2650.8	-2742.9
-44.61							

		NODE	Vxx	Vyy
Max	Cent		0.9	1.1
	198		0.9	2.6
	193		0.9	1.1
	192		0.9	1.1
	197		0.9	2.6
Min	Cent		-0.4	-1.1
	198		-0.4	-3.0
	193		-0.4	-0.8
	192		-0.4	-0.8
	197		-0.4	-3.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	8653.3	-31.4	-25.0	8653.4	-31.5
-0.17		198	8218.4	-77.2	-25.0	8218.5	-77.3
-0.17		193	8218.4	14.4	-25.0	8218.5	14.3
-0.17		192	9088.3	14.4	-25.0	9088.4	14.3
-0.16		197	9088.3	-77.2	-25.0	9088.3	-77.3
-0.16							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	5545.5	-995.3	-103.9	5547.1	-996.9
-0.91		198	5250.5	-1717.1	-132.8	5253.0	-1719.7
-1.09		193	5473.2	-1454.1	-113.0	5475.1	-1456.0
-0.93		192	5733.8	-341.7	-97.4	5735.4	-343.3
-0.92		197	5724.5	-468.1	-117.2	5726.7	-470.3
-1.08							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.1	-3.7
198	-0.1	-3.8
193	-0.1	-3.5
192	0.0	-3.5
197	0.0	-3.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.43	vento -y	Cent	69.2	-0.7	0.5	69.2	-0.7
0.49		198	59.2	-1.7	0.5	59.2	-1.7
0.51		193	59.2	0.3	0.5	59.2	0.2
0.38		192	79.2	0.3	0.5	79.2	0.2
0.37		197	79.2	-1.7	0.5	79.2	-1.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
67.14	Cent	-78.0	-1.3	39.3	15.3	-94.6
65.11	198	-77.3	-11.2	39.1	7.0	-95.5
69.13	193	-78.5	7.5	38.4	22.1	-93.1
67.83	192	-81.5	-1.0	39.4	15.1	-97.6
66.36	197	-74.6	-0.5	40.1	17.1	-92.2

NODE	Vxx	Vyy
Cent	0.0	-0.0
198	0.0	-0.0
193	0.0	0.0
192	0.0	0.0
197	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.73	cedime~1	Cent	-922.7	0.3	-4.4	0.4	-922.7
-89.74		198	-978.0	-0.4	-4.4	-0.3	-978.0
-89.74		193	-978.0	1.0	-4.4	1.0	-978.0
-89.71		192	-867.3	1.0	-4.4	1.0	-867.3
-89.71		197	-867.3	-0.4	-4.4	-0.3	-867.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-686.2	-53.3	315.4	77.0	-816.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

67.55							
	198	-924.7	-243.3	308.4	-124.4	-1043.6	
68.93							
	193	-472.9	63.6	313.5	207.9	-617.3	
65.27							
	192	-486.9	17.0	319.7	172.1	-642.0	
64.12							
	197	-860.2	-50.6	314.6	57.3	-968.1	
71.07							

NODE	Vxx	Vyy
Cent	-0.3	-0.2
198	-0.3	-0.6
193	-0.3	0.1
192	-0.3	0.1
197	-0.3	-0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	2919.4	-9.3	-14.3	2919.4	-9.3
-0.28		198	2816.6	-23.4	-14.3	2816.7	-23.5
-0.29		193	2816.6	4.9	-14.3	2816.7	4.8
-0.29		192	3022.1	4.9	-14.3	3022.2	4.9
-0.27		197	3022.1	-23.4	-14.3	3022.2	-23.5
-0.27							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2077.4	82.7	-191.3	2095.6	64.5
-5.43	198	2143.6	233.9	-194.5	2163.2	214.3
-5.76	193	2049.7	75.3	-187.4	2067.3	57.7
-5.37	192	2024.0	30.4	-190.8	2042.1	12.3
-5.42	197	2092.3	-8.8	-197.9	2110.8	-27.2
-5.33						

NODE	Vxx	Vyy
Cent	0.1	0.5
198	0.0	0.8
193	0.0	0.1
192	0.1	0.1
197	0.1	0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	8054.9	-5.6	83.5	8055.8	-6.5
0.59		198	7797.3	6.1	83.5	7798.2	5.2
0.61		193	7797.3	35.6	83.5	7798.2	34.6
0.62		192	8312.5	35.6	83.5	8313.3	34.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.58			197	8312.5	6.1	83.5	8313.3	5.3
0.58								
-2.67		Min	Cent	1975.3	-29.8	-93.8	1979.7	-33.9
-2.81				198	1818.1	-89.3	-93.8	1822.7
-2.91				193	1818.1	-21.0	-93.8	1822.9
-2.49				192	2132.5	-21.0	-93.8	2136.6
-2.41				197	2132.5	-89.3	-93.8	2136.5

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Max	Cent	6087.0	380.4	3095.7	7217.6	-750.2
22.13					198	6599.2	1472.1	3109.2	7832.6
23.77					193	5722.0	608.0	3063.8	6910.2
23.37					192	5738.4	186.7	3112.4	6897.6
22.54					197	6546.3	218.3	3157.9	7636.2
20.97									
-38.62		Min	Cent	1377.8	-197.4	-3791.5	4154.4	-2989.0	
-35.70				198	1203.9	-1160.1	-3819.8	3726.9	-3683.1
-37.93				193	1562.5	-261.7	-3805.7	4283.6	-3088.4
-38.06				192	1521.7	-226.4	-3824.1	4265.9	-3093.0
-39.42				197	1218.2	-171.0	-3838.4	4115.1	-3068.0

			NODE	Vxx	Vyy
		Max	Cent	1.2	2.0
				198	1.3
				193	1.3
				192	1.3
				197	1.3
		Min	Cent	-0.8	-1.2
				198	-0.8
				193	-0.8
				192	-0.8
				197	-0.8

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.17		INV TO~2	Max	Cent	11682.0	-5.6	83.5	11682.1	-6.5
-0.17					198	11094.9	6.1	83.5	11095.0
-0.17					193	11094.9	35.6	83.5	11095.0
-0.16					192	12269.2	35.6	83.5	12269.3
-0.16					197	12269.2	6.1	83.5	12269.3
-2.67			Min	Cent	1975.3	-42.4	-93.8	1979.7	-42.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.81	198	1818.1	-104.2	-93.8	1822.7	-104.3
-2.91	193	1818.1	-21.0	-93.8	1822.9	-24.8
-2.49	192	2132.5	-21.0	-93.8	2136.6	-24.1
-2.41	197	2132.5	-104.2	-93.8	2136.5	-104.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	7486.4	380.4	3095.7	7488.6	-750.2
-0.91		198	7088.1	1472.1	3109.2	7832.6	238.8
23.77		193	7388.9	608.0	3063.8	7391.4	-643.8
-0.93		192	7740.6	186.7	3112.4	7742.7	-463.4
-0.92		197	7728.0	218.3	3157.9	7731.0	-634.9
-1.08	Min	Cent	1377.8	-1343.6	-3791.5	4154.4	-2989.0
-38.62		198	1203.9	-2318.1	-3819.8	3726.9	-3683.1
-35.70		193	1562.5	-1963.1	-3805.7	4283.6	-3088.4
-37.93		192	1521.7	-461.3	-3824.1	4265.9	-3093.0
-38.06		197	1218.2	-631.9	-3838.4	4115.1	-3068.0
-39.42							

	NODE	Vxx	Vyy
Max	Cent	1.2	2.0
	198	1.3	4.4
	193	1.3	1.9
	192	1.3	1.9
	197	1.3	4.4
Min	Cent	-0.8	-5.0
	198	-0.8	-5.1
	193	-0.8	-4.8
	192	-0.8	-4.8
	197	-0.8	-5.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
259	2	23	c mob-a	Max	Cent	3559.5	70.0	52.5	3560.3	69.2
0.86					205	3438.0	165.1	52.5	3438.9	164.3
0.92					198	3438.0	4.7	52.5	3438.8	3.9
0.88					197	3681.0	4.7	52.5	3681.8	3.9
0.82					203	3681.0	165.1	52.5	3681.8	164.3
0.86				Min	Cent	-16.6	-7.2	-46.2	34.5	-58.3
-47.92					205	-15.7	-10.4	-46.2	33.3	-59.3
-46.64					198	-15.7	-30.9	-46.2	23.5	-70.1
-40.31					197	-17.5	-30.9	-46.2	22.4	-70.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.88
-47.23

203 -17.5 -10.4 -46.2 32.4 -60.3

NODE Mxx Myy Mxy Mmax Mmin

Max Cent 3677.8 1513.9 1436.3 4394.1 797.7

26.50 205 5022.9 4738.5 1227.5 6116.4 3645.0

41.70 198 2884.6 761.0 1919.3 4016.2 -370.5

30.52 197 2743.3 118.7 1714.7 3590.2 -728.2

26.29 203 5320.2 1957.9 1250.3 5734.2 1544.0

18.32 Min Cent -11.4 -811.3 -2217.1 1841.5 -2664.2

-39.89 205 -802.4 -2725.2 -2130.7 573.8 -4101.4

-32.86 198 -11.4 -835.3 -2381.7 1993.7 -2840.4

-40.09 197 -10.2 -41.1 -2313.6 2288.0 -2339.3

-44.81 203 -779.9 -1085.0 -2076.4 1149.6 -3014.5

-42.90

NODE Vxx Vyy

Max Cent 2.3 3.8

205 1.9 10.1

198 1.9 2.1

197 2.8 2.1

203 2.8 10.1

Min Cent -1.9 -2.1

205 -1.9 -6.0

198 -1.9 -2.7

197 -2.0 -2.7

203 -2.0 -6.0

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

c mob-b Max Cent 3849.7 72.7 58.2 3850.6 71.8

0.88 205 3744.8 168.3 58.2 3745.8 167.3

0.93 198 3744.8 7.2 58.2 3745.7 6.3

0.89 197 3954.5 7.2 58.2 3955.4 6.4

0.84 203 3954.5 168.3 58.2 3955.4 167.4

0.88 Min Cent -11.4 -8.3 -62.6 52.7 -72.4

-45.73 205 -10.7 -12.2 -62.6 51.1 -74.1

-44.65 198 -10.7 -30.3 -62.6 42.8 -83.9

-40.55 197 -12.2 -30.3 -62.6 42.0 -84.5

-40.87 203 -12.2 -12.2 -62.6 50.4 -74.8

-44.98

NODE Mxx Myy Mxy Mmax Mmin

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ANGLE

	Max	Cent					
27.90			4150.5	1821.3	1713.4	5057.6	914.2
45.07		205	5645.3	5652.9	1517.8	7166.9	4131.3
31.15		198	3277.6	946.0	2221.3	4620.4	-396.8
26.28		197	3215.2	138.1	2008.9	4207.0	-853.7
19.92		203	6044.5	2348.7	1541.3	6602.9	1790.3
-39.09	Min	Cent	-16.1	-1046.7	-2462.5	1984.4	-3047.3
-31.32		205	-1167.8	-3590.0	-2340.6	256.5	-5014.2
-40.18		198	-9.7	-923.2	-2686.9	2259.0	-3191.9
-44.83		197	-7.9	-39.0	-2592.3	2568.9	-2615.8
-43.65		203	-1180.1	-1393.3	-2259.5	975.3	-3548.7

	NODE	Vxx	Vyy
Max	Cent	2.6	4.6
	205	2.0	12.0
	198	2.0	2.6
	197	3.1	2.6
	203	3.1	12.0
Min	Cent	-2.5	-2.7
	205	-2.4	-7.8
	198	-2.4	-3.0
	197	-2.5	-3.0
	203	-2.5	-7.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.34	pp	Cent	8701.2	158.3	-50.3	8701.5	158.0
-0.37		205	8252.9	379.4	-50.3	8253.2	379.1
-0.35		198	8252.9	-62.8	-50.3	8253.2	-63.2
-0.31		197	9149.4	-62.8	-50.3	9149.7	-63.1
-0.33		203	9149.4	379.4	-50.3	9149.7	379.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
1.89	Cent	5106.7	-2478.7	250.1	5115.0	-2487.0
3.73	205	4686.0	-5572.5	672.1	4729.8	-5616.4
-1.99	198	5452.1	-1656.6	-247.0	5460.7	-1665.2
0.01	197	5984.2	-390.2	1.2	5984.2	-390.2
7.79	203	4304.6	-2295.6	920.3	4430.5	-2421.5

NODE	Vxx	Vyy
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PROJECT TITLE :

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          Cent      -0.3      -7.7
          205       0.4     -11.6
          198       0.4      -3.8
          197      -1.0      -3.8
          203      -1.0     -11.6
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.48	vento -y	Cent	69.2	3.1	0.6	69.2	3.1
0.60		205	61.4	7.9	0.6	61.4	7.9
0.51		198	61.4	-1.7	0.6	61.4	-1.7
0.41		197	77.0	-1.7	0.6	77.0	-1.7
0.46		203	77.0	7.9	0.6	77.0	7.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.29	Cent	-46.1	6.4	35.4	24.2	-64.0
61.53	205	-15.3	29.8	34.6	48.6	-34.0
65.63	198	-77.3	-11.1	37.7	5.9	-94.4
66.71	197	-68.9	1.2	37.1	17.2	-84.9
56.45	203	-23.1	5.6	34.0	28.1	-45.7

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          NODE      Vxx      Vyy
          Cent       0.0       0.0
          205        0.0        0.1
          198        0.0       -0.0
          197        0.0       -0.0
          203        0.0        0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.89	cedime~1	Cent	-921.4	-3.2	1.8	-3.2	-921.4
89.90		205	-974.2	-6.5	1.8	-6.5	-974.2
89.90		198	-974.2	0.0	1.8	0.0	-974.2
89.88		197	-868.5	0.0	1.8	0.0	-868.5
89.88		203	-868.5	-6.5	1.8	-6.5	-868.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.58	Cent	-480.8	-53.3	303.4	104.1	-638.2
	205	-3.5	136.0	340.1	413.5	-280.9

PROJECT TITLE :

	Company		Client	
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50.79							
	198	-922.9	-242.7	286.7	-138.0	-1027.6	
69.94							
	197	-803.9	-33.7	292.5	64.8	-902.4	
71.39							
	203	-192.9	-72.6	346.0	218.4	-483.9	
49.93							

NODE	Vxx	Vyy
Cent	0.6	-0.0
205	0.7	0.5
198	0.7	-0.6
197	0.5	-0.6
203	0.5	0.5


ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	2940.9	48.1	-24.0	2941.1	47.9
-0.48		205	2821.9	113.1	-24.0	2822.1	112.9
-0.51		198	2821.9	-17.0	-24.0	2822.1	-17.2
-0.48		197	3059.8	-17.0	-24.0	3060.0	-17.2
-0.45		203	3059.8	113.1	-24.0	3060.0	112.9
-0.47							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	1661.1	-489.8	-22.3	1661.4	-490.1
-0.60	205	1212.4	-1558.8	112.1	1216.9	-1563.3
2.31	198	2223.3	257.9	-206.1	2244.7	236.5
-5.92	197	2139.4	5.4	-115.3	2145.6	-0.8
-3.08	203	1069.4	-663.8	202.9	1092.8	-687.2
6.59						

NODE	Vxx	Vyy
Cent	-0.6	-1.2
205	-0.4	-3.2
198	-0.4	0.8
197	-0.8	0.8
203	-0.8	-3.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	8137.9	146.2	56.4	8138.3	145.9
0.39		205	7877.4	340.3	56.4	7877.8	339.9
0.42		198	7877.4	-7.2	56.4	7877.8	-7.6
0.40		197	8398.5	-7.2	56.4	8398.8	-7.6
0.37		203	8398.5	340.3	56.4	8398.8	339.9

PROJECT TITLE :

	Company		Client	
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0.39								
	Min	Cent	1997.1	33.7	-108.5	2002.9	27.9	
-3.10			205	1826.6	90.1	-108.5	1833.1	83.6
-3.50			198	1826.6	-58.7	-108.5	1832.6	-64.7
-3.23			197	2167.6	-58.7	-108.5	2172.7	-63.8
-2.74			203	2167.6	90.1	-108.5	2173.1	84.6
-2.93								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	7264.2	1969.0	2594.2	8117.7	1115.5
20.43		205	8833.5	6208.6	2501.2	10343.2	4888.7
31.17		198	6648.1	1535.0	3079.3	7877.7	305.4
23.76		197	6480.0	191.8	2889.2	7413.7	-741.9
19.78		203	9229.5	2507.0	2629.6	9955.9	1804.7
19.27	Min	Cent	1158.5	-1956.2	-3346.8	3019.8	-3918.3
-31.45		205	-367.6	-6405.3	-3047.7	686.4	-7675.7
-21.27		198	1285.0	-1231.2	-3833.3	3790.1	-3736.3
-35.23		197	1321.7	-83.8	-3614.9	4014.9	-2777.0
-39.03		203	-716.6	-2617.3	-2847.5	1009.0	-4555.7
-34.60							

	NODE	Vxx	Vyy
Max	Cent	3.5	4.9
	205	3.0	13.5
	198	3.0	4.4
	197	4.0	4.4
	203	4.0	13.5
Min	Cent	-3.9	-4.9
	205	-3.6	-13.7
	198	-3.6	-3.9
	197	-4.2	-3.9
	203	-4.2	-13.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	11746.6	213.7	56.4	11747.0	213.3
-0.34			205	11141.4	512.2	56.4	11141.8	511.8
-0.37			198	11141.4	-7.2	56.4	11141.8	-7.6
-0.35			197	12351.7	-7.2	56.4	12352.1	-7.6
-0.31			203	12351.7	512.2	56.4	12352.1	511.8
-0.33		Min	Cent	1997.1	33.7	-108.5	2002.9	27.9
-3.10			205	1826.6	90.1	-108.5	1833.1	83.6
-3.50								

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-3.23	198	1826.6	-84.8	-108.5	1832.6	-85.3
-2.74	197	2167.6	-84.8	-108.5	2172.7	-85.2
-2.93	203	2167.6	90.1	-108.5	2173.1	84.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max Cent	7264.2	1969.0	2594.2	8117.7	1115.5
20.43	205	8833.5	6208.6	2501.2	10343.2	4888.7
31.17	198	7360.4	1535.0	3079.3	7877.7	305.4
23.76	197	8078.7	191.8	2889.2	8078.7	-526.7
0.01	203	9229.5	2507.0	2629.6	9955.9	1804.7
19.27	Min Cent	1158.5	-3346.3	-3346.8	3019.8	-3918.3
-31.45	205	-367.6	-7522.9	-3047.7	686.4	-7675.7
-21.27	198	1285.0	-2236.5	-3833.3	3790.1	-3736.3
-35.23	197	1321.7	-526.7	-3614.9	4014.9	-2777.0
-39.03	203	-716.6	-3099.1	-2847.5	1009.0	-4555.7
-34.60						

	NODE	Vxx	Vyy
Max	Cent	3.5	4.9
	205	3.0	13.5
	198	3.0	4.4
	197	4.0	4.4
	203	4.0	13.5
Min	Cent	-3.9	-10.4
	205	-3.6	-15.7
	198	-3.6	-5.1
	197	-4.2	-5.1
	203	-4.2	-15.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
293	2	14	c mob-a	Max Cent	52.3	30.2	87.1	129.0	-46.5
41.38				567	53.9	104.7	87.1	170.0	-11.4
53.13				557	53.9	8.5	87.1	121.2	-58.8
37.70				556	71.5	8.5	87.1	132.6	-52.6
35.06				566	71.5	104.7	87.1	176.8	-0.5
50.40				Min Cent	-84.8	-11.7	-22.3	-5.5	-91.0
-74.32				567	-123.9	-30.6	-22.3	-25.5	-128.9
-77.25				557	-123.9	-48.6	-22.3	-42.5	-130.0
-74.70				556	-56.6	-48.6	-22.3	-30.0	-75.2
-50.10				566	-56.6	-30.6	-22.3	-17.8	-69.4

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-60.17

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	16.3	37.4	3057.6	3084.5	-3030.8
45.10		567	145.7	248.7	1571.9	1770.0	-1375.5
45.94		557	7964.9	5913.8	2249.1	9411.3	4467.4
32.74		556	2175.3	81.4	3345.4	4633.7	-2377.0
36.31		566	33.9	5575.3	2665.4	6649.2	-1040.0
68.05	Min	Cent	-3183.2	-5404.5	-185.8	-3167.8	-5419.9
-4.75		567	-18868.4	-30303.9	-173.3	-18865.7	-30306.5
-0.87		557	-81.4	-63.8	-226.3	153.9	-299.1
-46.12		556	-22.8	-2671.9	-189.4	-9.4	-2685.4
-4.07		566	-3689.7	-215.8	-135.9	-210.5	-3695.1
-87.76							

		NODE	Vxx	Vyy
Max	Cent		0.1	0.4
		567	0.1	1.0
		557	0.1	23.1
		556	0.1	23.1
		566	0.1	1.0
Min	Cent		-13.0	-42.3
		567	-17.4	-106.8
		557	-17.4	-0.3
		556	-8.7	-0.3
		566	-8.7	-106.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	44.7	29.1	90.4	127.6	-53.8
42.54			567	49.6	105.8	90.4	172.4	-16.9
53.64			557	49.6	18.4	90.4	125.7	-57.8
40.10			556	74.2	18.4	90.4	140.9	-48.3
36.41			566	74.2	105.8	90.4	181.8	-1.7
49.96		Min	Cent	-88.6	-24.4	-43.4	-2.5	-110.4
-63.24			567	-157.0	-66.5	-43.4	-49.1	-174.5
-68.11			557	-157.0	-50.1	-43.4	-34.7	-172.4
-70.48			556	-21.6	-50.1	-43.4	9.8	-81.5
-35.90			566	-21.6	-66.5	-43.4	4.8	-92.9
-31.31								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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45.15          Max   Cent      12.6      45.4      3139.4      3168.5      -3110.5
46.50          567      248.9      415.8      1596.9      1931.4      -1266.7
31.38          557      8570.5     6239.8     2262.7     9950.3     4860.0
36.35          556      2287.1     158.4     3417.4     4802.0     -2356.5
68.22          566      15.0       5783.9     2743.1     6880.0     -1081.1
-7.98          Min   Cent     -3426.1    -5824.1    -343.0     -3378.0     -5872.2
-1.88          567     -20265.2   -32387.0   -398.5     -20252.1   -32400.1
-45.69         557     -143.0     -119.3     -493.2     362.2     -624.5
-6.79          556      -6.0      -2781.0    -335.3     34.0     -2820.9
-86.42         566     -4237.7    -334.6     -245.3     -319.3     -4253.0
    
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          NODE      Vxx      Vyy
-----
Max   Cent      0.1      0.7
      567      0.2      1.8
      557      0.2     24.1
      556      0.0     24.1
      566      0.0      1.8
Min   Cent     -14.0     -44.8
      567     -18.7    -113.6
      557     -18.7     -0.6
      556     -9.4     -0.6
      566     -9.4    -113.6
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE          pp      Cent     -65.5     -7.9      7.7      -6.9     -66.5
82.50          567     -146.0      1.2      7.7      1.6     -146.4
87.00          557     -146.0     -17.0     7.7     -16.6     -146.4
86.59          556      14.9     -17.0     7.7     16.7     -18.8
12.90          566      14.9      1.2      7.7     18.4     -2.3
24.13
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE          Cent     -4200.6   -6613.9   2685.3   -2463.3   -8351.2
32.90          567    -21959.4  -35013.6  1082.2   -21870.3  -35102.7
4.71          557     8521.7    6510.7   1634.3   9435.1   5597.3
29.20          556     1906.1   -2884.1   2997.5   3347.8   -4325.9
25.69          566    -5270.7    4931.4   2445.3   5487.2   -5826.5
77.19
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent     -14.9     -47.2
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

567 -19.6 -119.9
 557 -19.6 25.4
 556 -10.3 25.4
 566 -10.3 -119.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.11	vento -y	Cent	4.1	2.1	4.7	7.9	-1.7
45.69		567	6.1	6.4	4.7	10.9	1.5
24.31		557	6.1	-2.2	4.7	8.3	-4.3
33.10		556	2.0	-2.2	4.7	5.1	-5.2
57.45		566	2.0	6.4	4.7	9.4	-1.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.31	Cent	-17.5	-25.8	69.9	48.4	-91.7
28.90	567	-148.2	-211.7	50.4	-120.4	-239.5
41.87	557	64.7	49.5	69.0	126.5	-12.3
38.61	556	-18.5	-51.2	72.1	39.1	-108.8
63.09	566	31.9	110.1	53.5	137.3	4.7

NODE	Vxx	Vyy
Cent	-0.1	-0.3
567	-0.1	-0.9
557	-0.1	0.3
556	0.0	0.3
566	0.0	-0.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-40.13	cedime~1	Cent	-10.8	-41.4	-89.3	64.5	-116.8
-29.79		567	-29.2	-134.0	-89.3	22.0	-185.2
-57.10		557	-29.2	51.2	-89.3	109.0	-87.0
-51.85		556	7.6	51.2	-89.3	121.3	-62.6
-25.80		566	7.6	-134.0	-89.3	50.8	-177.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-51.93	Cent	1920.2	3271.1	-2735.8	5413.6	-222.4
-78.62	567	12370.1	19823.1	-1563.3	20137.7	12055.5
	557	-5152.1	-4084.8	-2315.9	-2241.9	-6995.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.49			556	-905.8	1847.4	-3022.7	3792.2	-2850.6
-57.24			566	1368.4	-4501.5	-2270.1	2143.9	-5277.0
-18.86								

NODE	Vxx	Vyy
Cent	7.9	28.1
567	11.2	72.1
557	11.2	-16.0
556	4.5	-16.0
566	4.5	72.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-82.03	perm	Cent	-42.2	-6.7	-5.1	-6.0	-42.9
-86.26		567	-88.5	-11.4	-5.1	-11.1	-88.9
-86.66		557	-88.5	-2.1	-5.1	-1.8	-88.8
-29.27		556	4.1	-2.1	-5.1	7.0	-4.9
-16.57		566	4.1	-11.4	-5.1	5.6	-12.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.05	Cent	-1418.0	-2157.5	761.5	-941.2	-2634.3
3.25	567	-7378.6	-11648.9	243.1	-7364.9	-11662.7
25.38	557	2879.1	2223.0	401.6	3069.6	2032.6
24.09	556	752.2	-794.6	864.2	1138.6	-1181.0
79.06	566	-1924.5	1590.5	705.7	1726.9	-2060.9

NODE	Vxx	Vyy
Cent	-5.1	-15.8
567	-6.6	-39.8
557	-6.6	8.2
556	-3.7	8.2
566	-3.7	-39.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.69	INV TO~1 Max	Cent	28.4	34.0	117.0	148.2	-25.2
61.09		567	-15.7	131.5	117.0	196.1	-58.5
49.67		557	-15.7	73.9	117.0	122.0	-51.0
35.38		556	112.0	73.9	117.0	187.4	59.4
48.31		566	112.0	131.5	117.0	235.7	0.2
	Min	Cent	-172.5	-81.1	-153.0	-12.6	-286.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-66.90			567	-329.7	-235.2	-153.0	-122.4	-442.6
-53.58			557	-329.7	-69.7	-153.0	-53.3	-392.3
-75.57			556	-72.3	-69.7	-153.0	-7.4	-196.3
-45.59			566	-72.3	-235.2	-153.0	-21.5	-325.1
-38.61								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Max	Cent	524.2	1174.9	4999.7	3265.9	-1437.6
43.00				567	5327.5	8735.5	2398.8	8929.3	5133.6
76.94				557	14449.2	10646.8	3456.2	16492.6	8603.4
30.59				556	3839.8	1266.7	5477.7	7536.3	-492.3
34.01				566	-510.3	9398.8	4408.9	10917.9	-1254.0
70.99			Min	Cent	-6043.2	-10020.0	-2437.3	-6020.9	-10042.3
4.27				567	-34736.6	-55371.3	-1858.3	-34732.4	-55375.5
-0.82				557	-2466.0	-2022.8	-2580.2	345.3	-4834.1
-47.45				556	-184.4	-4548.9	-2611.1	753.4	-4580.9
4.44				566	-7645.4	-3362.7	-1895.5	-2428.9	-7661.4
-63.78									

			NODE	Vxx	Vyy	
			Max	Cent	2.9	13.1
				567	5.0	34.8
				557	5.0	40.8
				556	0.9	40.8
				566	0.9	34.8
			Min	Cent	-24.0	-76.3
				567	-31.9	-193.1
				557	-31.9	-8.7
				556	-16.4	-8.7
				566	-16.4	-193.1

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	--	----	------	-----	-----	-----	------	------

			INV TO~2	Max	Cent	28.4	34.0	117.0	148.2	-25.2
45.69					567	-15.7	131.5	117.0	196.1	-58.5
61.09					557	-15.7	73.9	117.0	122.0	-51.0
49.67					556	112.0	73.9	117.0	187.4	59.4
35.38					566	112.0	131.5	117.0	235.7	0.2
48.31				Min	Cent	-172.5	-81.1	-153.0	-12.6	-286.5
-66.90					567	-329.7	-235.2	-153.0	-122.4	-442.6
-53.58					557	-329.7	-69.7	-153.0	-53.3	-392.3
-75.57										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.59	556	-72.3	-69.7	-153.0	-7.4	-196.3
-38.61	566	-72.3	-235.2	-153.0	-21.5	-325.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

-----	-----	-----	-----	-----	-----	-----	
	Max	Cent	524.2	1174.9	4999.7	3265.9	-1437.6
43.00		567	5327.5	8735.5	2398.8	8929.3	5133.6
76.94		557	14449.2	10646.8	3456.2	16492.6	8603.4
30.59		556	3839.8	1266.7	5477.7	7536.3	-492.3
34.01		566	-510.3	9398.8	4408.9	10917.9	-1254.0
70.99	Min	Cent	-6043.2	-10020.0	-2437.3	-6020.9	-11274.1
4.27		567	-34736.6	-55371.3	-1858.3	-34732.4	-55375.5
-0.82		557	-2466.0	-2022.8	-2580.2	345.3	-4834.1
-47.45		556	-184.4	-4548.9	-2611.1	753.4	-5839.9
4.44		566	-7645.4	-3362.7	-1895.5	-2428.9	-7865.8
-63.78							

	NODE	Vxx	Vyy
-----	-----	-----	-----
Max	Cent	2.9	13.1
	567	5.0	34.8
	557	5.0	40.8
	556	0.9	40.8
	566	0.9	34.8
Min	Cent	-24.0	-76.3
	567	-31.9	-193.1
	557	-31.9	-8.7
	556	-16.4	-8.7
	566	-16.4	-193.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
294	2	14	c mob-a	Max	Cent	15.4	15.7	7.4	23.0	8.1
45.56					578	47.9	6.8	7.4	49.2	5.5
9.97					567	47.9	91.7	7.4	92.9	46.7
80.60					566	12.3	91.7	7.4	92.4	11.6
84.68					577	12.3	6.8	7.4	17.5	1.6
34.91				Min	Cent	-84.9	-6.5	-50.8	18.5	-109.9
-63.83					578	-134.0	-72.7	-50.8	-44.0	-162.7
-60.54					567	-134.0	-17.0	-50.8	2.0	-153.0
-69.50					566	-52.2	-17.0	-50.8	19.2	-88.4
-54.55					577	-52.2	-72.7	-50.8	-10.6	-114.3
-39.30										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	33.3	48.2	57.1	98.3	-16.9
48.72		578	2492.2	7752.6	104.7	7754.6	2490.1
88.86		567	137.6	246.4	165.7	366.4	17.6
54.09		566	32.0	5392.4	28.3	5392.6	31.9
89.70		577	22.8	142.7	82.3	184.6	-19.1
63.04	Min	Cent	-5028.1	-5735.5	-3137.8	-2224.1	-8539.4
-41.78		578	-19.6	-52.3	-3330.8	3294.9	-3366.8
-44.86		567	-17539.7	-29905.3	-1155.1	-17432.7	-30012.3
-5.29		566	-4237.9	-211.5	-2278.7	815.9	-5265.4
-65.73		577	-1045.3	-6223.6	-4476.0	1536.5	-8805.4
-29.98							

		NODE	Vxx	Vyy
	Max	Cent	8.2	0.3
		578	9.5	44.2
		567	9.5	1.0
		566	7.0	1.0
		577	7.0	44.2
	Min	Cent	-0.1	-32.5
		578	-0.1	-0.4
		567	-0.1	-106.8
		566	-0.0	-106.8
		577	-0.0	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	31.0	15.7	22.9	47.5	-0.7
35.80			578	75.6	17.2	22.9	83.5	9.3
19.03			567	75.6	83.0	22.9	102.5	56.1
49.61			566	13.3	83.0	22.9	89.9	6.5
73.37			577	13.3	17.2	22.9	38.2	-7.7
47.43		Min	Cent	-69.1	-12.9	-28.9	-0.6	-81.4
-67.10			578	-125.0	-57.5	-28.9	-46.8	-135.7
-69.70			567	-125.0	-39.0	-28.9	-30.1	-133.8
-73.04			566	-36.6	-39.0	-28.9	-8.8	-66.8
-43.86			577	-36.6	-57.5	-28.9	-16.3	-77.8
-35.10								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	38.1	76.9	95.2	154.7	-39.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.76							
		578	2658.5	8309.7	160.1	8314.3	2654.0
88.38							
		567	238.9	412.8	178.9	524.8	126.9
57.96							
		566	6.4	5593.5	23.8	5593.6	6.3
89.76							
		577	37.7	232.4	139.9	305.5	-35.3
62.42							
	Min	Cent	-5449.2	-6065.0	-3179.1	-2563.1	-8951.0
-42.23							
		578	-30.8	-64.0	-3333.5	3286.1	-3381.0
-44.86							
		567	-18825.8	-31955.2	-1186.5	-18719.4	-32061.6
-5.12							
		566	-4741.4	-358.8	-2367.9	676.1	-5776.4
-66.39							
		577	-1067.8	-6268.1	-4539.4	1563.4	-8899.2
-30.10							

		NODE	Vxx	Vyy
Max	Cent		8.9	0.6
		578	10.2	45.8
		567	10.2	1.8
		566	7.7	1.8
		577	7.7	45.8
Min	Cent		-0.1	-34.2
		578	-0.1	-0.8
		567	-0.1	-113.6
		566	-0.0	-113.6
		577	-0.0	-0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-52.3	-12.1	2.1	-12.0	-52.4
87.04							
		578	-80.5	-29.3	2.1	-29.2	-80.6
87.67							
		567	-80.5	5.1	2.1	5.2	-80.6
88.60							
		566	-24.1	5.1	2.1	5.3	-24.2
85.93							
		577	-24.1	-29.3	2.1	-23.4	-30.0
19.37							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-6095.6	-6742.0	-2845.9	-3554.6	-9283.0
-41.76						
	578	2873.7	8759.9	-2747.4	9843.0	1790.7
-68.48						
	567	-20387.4	-34542.0	-761.6	-20346.6	-34582.8
-3.07						
	566	-5876.2	4749.7	-2231.9	5199.5	-6325.9
-78.61						
	577	-992.6	-5935.6	-4217.7	1424.4	-8352.6
-29.82						

		NODE	Vxx	Vyy
	Cent		10.0	-36.7
		578	11.1	46.4
		567	11.1	-119.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

566 8.8 -119.9
577 8.8 46.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	-2.5	1.1	-1.4	1.6	-2.9
-71.54		578	-5.3	-2.1	-1.4	-1.6	-5.8
-69.79		567	-5.3	4.4	-1.4	4.6	-5.5
-82.21		566	0.4	4.4	-1.4	4.8	-0.0
-73.04		577	0.4	-2.1	-1.4	1.0	-2.7
-23.66							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-29.7	-40.2	-47.9	13.2	-83.2
-41.88		578	16.3	39.8	-66.0	95.1	-39.0
-50.05		567	-141.1	-209.5	-19.2	-136.1	-214.5
-14.64		566	22.5	107.3	-19.7	111.6	18.1
-77.56		577	-16.6	-98.5	-66.5	20.5	-135.7
-29.20							

	NODE	Vxx	Vyy
-----	Cent	0.1	-0.2
	578	0.1	0.4
	567	0.1	-0.9
	566	0.0	-0.9
	577	0.0	0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	cedime~1	Cent	75.9	-19.5	50.9	98.0	-41.5
23.44		578	121.2	69.1	50.9	152.3	38.0
31.47		567	121.2	-108.0	50.9	132.0	-118.8
11.98		566	30.7	-108.0	50.9	47.4	-124.7
18.15		577	30.7	69.1	50.9	104.3	-4.5
55.34							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	3115.9	3708.4	2083.8	5516.9	1307.4
49.05		578	-1611.7	-4748.2	2372.8	-335.7	-6024.2
28.27		567	11530.6	19571.3	591.0	19614.5	11487.4
85.82		566	1809.7	-4369.1	1278.6	2063.8	-4623.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.24
60.39

NODE	Vxx	Vyy
Cent	-5.2	21.6
578	-6.3	-28.9
567	-6.3	72.1
566	-4.0	72.1
577	-4.0	-28.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.48	perm	Cent	-5.2	-4.3	2.5	-2.2	-7.3
11.58		578	3.6	-8.2	2.5	4.1	-8.7
26.21		567	3.6	-0.3	2.5	4.8	-1.5
79.93		566	-14.1	-0.3	2.5	0.1	-14.5
69.58		577	-14.1	-8.2	2.5	-7.3	-15.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-43.33	Cent	-2079.4	-2190.9	-953.6	-1179.9	-3090.3
-69.69	578	962.0	3052.4	-896.6	3384.3	630.1
-3.44	567	-6844.2	-11488.5	-280.0	-6827.4	-11505.4
-78.38	566	-2113.8	1533.7	-782.8	1694.7	-2274.7
-30.59	577	-321.6	-1861.1	-1399.4	505.9	-2688.5

NODE	Vxx	Vyy
Cent	3.4	-12.1
578	3.7	15.5
567	3.7	-39.8
566	3.1	-39.8
577	3.1	15.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
27.86	INV TO~1 Max	Cent	112.5	17.0	84.3	157.1	-8.0
24.89		578	226.8	84.1	84.3	265.9	45.0
19.29		567	226.8	123.5	84.3	256.3	80.0
75.41		566	34.6	123.5	84.3	132.2	-4.8
53.19		577	34.6	84.1	84.3	147.3	-24.4
-47.75	Min	Cent	-119.9	-41.1	-66.1	-27.3	-153.1
		578	-177.3	-106.4	-66.1	-66.8	-216.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-59.10			567	-177.3	-160.9	-66.1	-54.0	-205.9
-8.07			566	-84.6	-160.9	-66.1	-51.8	-163.0
-7.91			577	-84.6	-106.4	-66.1	-28.5	-162.5
-40.31								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	1087.9	1621.4	1258.7	2641.3	67.9
50.98			578	4551.0	14270.6	1692.3	14318.0	4503.6
-86.01			567	5008.9	8640.0	552.5	8722.2	4926.7
81.54			566	-260.9	9085.0	534.0	9134.5	-317.5
-86.20			577	464.3	2832.5	1849.8	3844.8	-547.9
61.31		Min	Cent	-9435.8	-10378.6	-5245.3	-4640.7	-15173.6
-42.43			578	-691.3	-1782.1	-5396.9	1836.1	-4309.6
-39.89			567	-32259.0	-54628.1	-1881.8	-32101.8	-54785.3
-4.78			566	-8514.7	-3319.8	-3979.5	-1825.0	-9954.0
-61.04			577	-1763.1	-10322.9	-7527.6	459.6	-14702.3
-31.10								

			NODE	Vxx	Vyy
	Max	Cent	578	15.4	10.2
			567	17.5	77.4
			566	17.5	34.8
			577	13.4	34.8
			577	13.4	77.4
	Min	Cent	578	-1.9	-58.3
			578	-2.8	-14.4
			567	-2.8	-193.1
			566	-1.0	-193.1
			577	-1.0	-14.4

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	112.5	17.0	84.3	157.1	-8.0
27.86				578	226.8	84.1	84.3	265.9	45.0
24.89				567	226.8	123.5	84.3	256.3	80.0
19.29				566	34.6	123.5	84.3	132.2	-4.8
75.41				577	34.6	84.1	84.3	147.3	-24.4
53.19			Min	Cent	-119.9	-41.1	-66.1	-27.3	-153.1
-47.75				578	-177.3	-106.4	-66.1	-66.8	-216.8
-59.10				567	-177.3	-160.9	-66.1	-54.0	-205.9
-8.07				566	-84.6	-160.9	-66.1	-51.8	-163.0
-7.91									

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19.37			577	-84.6	-106.4	-66.1	-31.5	-162.5
	ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	1087.9	1621.4	1258.7	2641.3	67.9
50.98			578	4551.0	14270.6	1692.3	14318.0	4503.6
-86.01			567	5008.9	8640.0	552.5	8722.2	4926.7
81.54			566	-260.9	9085.0	534.0	9134.5	-317.5
-86.20			577	464.3	2832.5	1849.8	3844.8	-547.9
61.31		Min	Cent	-9435.8	-10378.6	-5245.3	-4798.8	-15173.6
-41.76			578	-691.3	-1782.1	-5396.9	1836.1	-4309.6
-39.89			567	-32259.0	-54628.1	-1881.8	-32101.8	-54785.3
-4.78			566	-8514.7	-3319.8	-3979.5	-1825.0	-9954.0
-61.04			577	-1763.1	-10322.9	-7527.6	459.6	-14702.3
-31.10								

		NODE	Vxx	Vyy

Max	Cent	578	15.4	10.2
		567	17.5	77.4
		566	17.5	34.8
		577	13.4	34.8
		577	13.4	77.4
Min	Cent	578	-1.9	-58.3
		578	-2.8	-14.4
		567	-2.8	-193.1
		566	-1.0	-193.1
		577	-1.0	-14.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

298	2	23	c mob-a	Max	Cent	4.3	15.6	5.3	17.7
68.34					9	18.9	66.3	5.3	66.8
83.67					4	18.9	1.8	5.3	20.4
16.00					3	36.0	1.8	5.3	36.8
8.66					8	36.0	66.3	5.3	67.2
80.31				Min	Cent	-20.0	-0.8	-16.0	8.3
-60.47					9	-32.8	-1.2	-16.0	5.5
-67.35					4	-32.8	-36.1	-16.0	-18.4
-42.13					3	-56.0	-36.1	-16.0	-27.2
-60.96					8	-56.0	-1.2	-16.0	3.2
-74.86									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Max	Cent					
33.23			64.2	25.7	44.2	93.1	-3.2
89.24		9	91.4	6039.4	79.3	6040.5	90.4
59.31		4	15.0	69.5	50.0	99.2	-14.7
89.81		3	3487.2	17746.4	47.8	17746.6	3487.0
41.76		8	175.9	145.8	132.3	294.0	27.7
-69.94	Min	Cent	-9989.8	-1133.6	-3731.0	228.7	-11352.1
-82.61		9	-13886.8	-38.7	-1825.7	198.0	-14123.5
-36.43		4	-1950.3	-5533.2	-5808.2	2336.4	-9819.9
-44.67		3	-25.4	-137.2	-4835.0	4754.0	-4916.6
-78.64		8	-27609.5	-22788.5	-1008.9	-22585.9	-27812.1

	NODE	Vxx	Vyy
Max	Cent	0.1	6.2
	9	0.1	84.8
	4	0.1	0.6
	3	0.1	0.6
	8	0.1	84.8
Min	Cent	-18.6	-2.3
	9	-16.7	-0.5
	4	-16.7	-74.2
	3	-20.6	-74.2
	8	-20.6	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
65.76	c mob-b	Max	Cent	6.3	15.5	5.2	17.8	3.9
84.38			9	16.9	69.3	5.2	69.8	16.4
17.42			4	16.9	2.0	5.2	18.6	0.3
6.29			3	48.7	2.0	5.2	49.2	1.4
76.62			8	48.7	69.3	5.2	70.5	47.4
-56.74		Min	Cent	-18.4	-1.8	-19.2	10.8	-31.0
-67.52			9	-40.9	-2.5	-19.2	5.4	-48.9
-45.65			4	-40.9	-40.1	-19.2	-21.3	-59.7
-53.33			3	-51.5	-40.1	-19.2	-25.8	-65.8
-70.98			8	-51.5	-2.5	-19.2	4.1	-58.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
41.15	Max	Cent	52.6	35.1	64.9	109.4	-21.7
		9	75.2	6118.9	195.0	6125.2	68.9

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88.15							
		4	13.1	121.6	46.5	138.8	-4.1
69.70							
		3	3522.1	17901.3	44.8	17901.4	3521.9
89.82							
		8	148.3	131.0	278.1	417.9	-138.6
44.11							
	Min	Cent	-10137.8	-1162.7	-3735.6	188.7	-11489.2
-70.11							
		9	-14088.1	-31.5	-1839.3	205.1	-14324.7
-82.67							
		4	-1966.2	-5533.2	-5838.1	2354.8	-9854.2
-36.51							
		3	-21.5	-120.9	-4851.4	4780.5	-4922.9
-44.71							
		8	-28019.0	-23122.2	-998.0	-22926.6	-28214.6
-78.91							

		NODE	Vxx	Vyy
Max	Cent		0.1	7.2
		9	0.1	86.0
		4	0.1	0.6
		3	0.1	0.6
		8	0.1	86.0
Min	Cent		-18.9	-2.3
		9	-16.9	-0.4
		4	-16.9	-74.7
		3	-20.9	-74.7
		8	-20.9	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-53.8	47.1	-28.7	54.7	-61.3
-75.18							
		9	-34.2	195.1	-28.7	198.7	-37.7
-82.97							
		4	-34.2	-100.9	-28.7	-23.5	-111.5
-20.35							
		3	-73.3	-100.9	-28.7	-55.3	-118.9
-32.20							
		8	-73.3	195.1	-28.7	198.1	-76.4
-83.97							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-31663.6	-4517.9	-12620.8	443.2	-36624.7
-68.54							
		9	-43968.5	18683.0	-6500.4	19350.4	-44635.9
-84.14							
		4	-6328.5	-19178.6	-19230.0	7521.4	-33028.6
-35.76							
		3	11148.3	56011.3	-16137.2	61212.8	5946.8
-72.13							
		8	-87505.6	-73587.3	-3407.6	-72797.8	-88295.1
-76.96							

		NODE	Vxx	Vyy
	Cent		-59.0	15.9
		9	-53.2	271.8
		4	-53.2	-240.0
		3	-64.9	-240.0
		8	-64.9	271.8

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
75.62	vento -y	Cent	-1.6	0.6	0.6	0.8	-1.7
30.48		9	2.0	1.3	0.6	2.3	1.0
15.14		4	2.0	-0.1	0.6	2.1	-0.2
83.30		3	-5.1	-0.1	0.6	-0.0	-5.2
84.71		8	-5.1	1.3	0.6	1.4	-5.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-69.54		Cent	-352.6	-38.9	-135.9	11.8	-403.3
-84.53		9	-492.5	210.7	-67.9	217.2	-499.0
-36.31		4	-69.8	-201.0	-209.7	84.3	-355.2
-72.80		3	124.1	635.5	-175.1	689.7	69.9
-79.36		8	-972.1	-800.9	-33.3	-794.6	-978.4
ANGLE		NODE	Vxx	Vyy			
		Cent	-0.7	0.2			
		9	-0.6	3.0			
		4	-0.6	-2.7			
		3	-0.7	-2.7			
		8	-0.7	3.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-28.01	cedime~1	Cent	27.8	5.0	-16.9	36.8	-4.0
-60.87		9	-16.7	4.2	-16.9	13.6	-26.2
-61.86		4	-16.7	5.8	-16.9	14.9	-25.8
-13.48		3	72.3	5.8	-16.9	76.4	1.8
-13.20		8	72.3	4.2	-16.9	76.3	0.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.24		Cent	9530.8	657.7	5377.9	12065.9	-1877.4
9.86		9	13739.9	-5677.2	3481.2	14345.2	-6282.4
55.44		4	2281.2	8050.1	7564.4	13261.3	-2930.0
18.90		3	-3868.6	-20878.7	6597.4	-1609.8	-23137.5
		8	25970.8	21136.6	2514.2	27041.3	20066.1

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23.06

NODE	Vxx	Vyy
Cent	17.8	6.8
9	16.9	-79.4
4	16.9	92.9
3	18.7	92.9
8	18.7	-79.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-69.65	perm	Cent	-14.3	17.8	-13.8	23.0	-19.4
-82.34		9	-24.1	76.8	-13.8	78.7	-25.9
-29.12		4	-24.1	-41.2	-13.8	-16.4	-48.9
-18.51		3	-4.5	-41.2	-13.8	0.1	-45.8
-80.62		8	-4.5	76.8	-13.8	79.1	-6.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-69.88	Cent	-12337.6	-1399.4	-4628.5	296.3	-14033.3
-84.85	9	-17155.3	7448.6	-2237.3	7650.4	-17357.1
-36.43	4	-2416.0	-6862.0	-7208.7	2904.7	-12182.7
-72.91	3	4316.5	21981.0	-5998.9	23825.6	2471.9
-80.44	8	-34095.5	-28165.3	-1027.5	-27992.3	-34268.5

NODE	Vxx	Vyy
Cent	-23.0	6.4
9	-20.7	104.8
4	-20.7	-92.0
3	-25.4	-92.0
8	-25.4	104.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-53.34	INV TO~1 Max	Cent	22.0	43.9	-6.6	62.6	7.0
-83.04		9	1.4	174.6	-6.6	177.4	1.2
-9.18		4	1.4	-32.6	-6.6	2.5	-39.6
-7.91		3	133.5	-32.6	-6.6	136.8	-35.9
-65.55		8	133.5	174.6	-6.6	185.3	122.8
-62.77	Min	Cent	-41.3	15.4	-56.6	35.9	-61.7
-76.27		9	-96.1	73.4	-56.6	83.1	-112.9
		4	-96.1	-95.2	-56.6	-46.8	-149.4

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-39.33							
		3	-80.1	-95.2	-56.6	-47.3	-128.1
-39.61							
		8	-80.1	73.4	-56.6	83.1	-89.8
-76.33							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	-2720.1	-694.3	837.0	550.9	-3021.2
-70.00		9	-3292.0	15709.1	1507.1	15827.7	-3460.4
-86.56		4	-114.6	1352.3	423.2	6083.6	-227.9
-36.47		3	9071.3	46147.7	663.0	47074.4	8144.7
-81.12		8	-7887.2	-6831.8	1862.1	-5424.1	-9295.0
52.91	Min	Cent	-26023.6	-2969.1	-9671.6	-1112.7	-29543.5
-74.40		9	-36174.2	1719.2	-4720.3	1782.6	-36679.8
-87.07		4	-5070.4	-14331.8	-15090.2	1465.6	-25485.8
75.01		3	413.6	917.1	-12548.3	6621.7	-5290.9
-46.21		8	-71921.2	-59380.3	-2389.5	-58940.4	-72361.0
-79.57							

		NODE	Vxx	Vyy
	Max	Cent	-5.0	22.9
		9	-3.6	220.9
		4	-3.6	1.7
		3	-6.5	1.7
		8	-6.5	220.9
	Min	Cent	-48.5	3.2
		9	-43.5	24.6
		4	-43.5	-192.9
		3	-53.5	-192.9
		8	-53.5	24.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	22.0	63.6	-6.6	73.9	7.0
-75.18			9	1.4	263.4	-6.6	268.2	1.2
-82.97			4	1.4	-32.6	-6.6	2.5	-39.6
-9.18			3	133.5	-32.6	-6.6	136.8	-35.9
-7.91			8	133.5	263.4	-6.6	267.5	122.8
-83.97		Min	Cent	-72.6	15.4	-56.6	35.9	-82.8
-62.77			9	-96.1	73.4	-56.6	83.1	-112.9
-76.27			4	-96.1	-136.1	-56.6	-46.8	-150.5
-39.33			3	-99.0	-136.1	-56.6	-74.6	-160.5
-32.20			8	-99.0	73.4	-56.6	83.1	-103.1
-76.33								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	-2720.1	-694.3	837.0	598.3	-3021.2
-68.54		9	-3292.0	25222.1	1507.1	26123.0	-3460.4
-84.14		4	-114.6	1352.3	423.2	10153.9	-227.9
-35.76		3	15050.2	75615.3	663.0	82637.3	8144.7
-72.13		8	-7887.2	-6831.8	1862.1	-5424.1	-9295.0
52.91	Min	Cent	-42745.8	-6099.2	-17038.1	-1112.7	-49443.3
-74.40		9	-59357.5	1719.2	-8775.6	1782.6	-60258.4
-87.07		4	-8543.5	-25891.1	-25960.6	1465.6	-44588.6
75.01		3	413.6	917.1	-21785.2	6621.7	-5290.9
-46.21		8	-118132.6	-99342.9	-4600.3	-98277.1	-119198.4
-76.96							

		NODE	Vxx	Vyy
Max	Cent		-5.0	22.9
		9	-3.6	366.9
		4	-3.6	1.7
		3	-6.5	1.7
		8	-6.5	366.9
Min	Cent		-79.7	3.2
		9	-71.8	24.6
		4	-71.8	-324.0
		3	-87.6	-324.0
		8	-87.6	24.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
299	2	23	c mob-a	Max	Cent	60.5	20.2	39.6	84.8	-4.1
					14	44.7	0.3	39.6	67.9	-22.9
					9	44.7	66.6	39.6	96.7	14.5
					8	79.0	66.6	39.6	112.9	32.7
					13	79.0	0.3	39.6	95.5	-16.2
				Min	Cent	-61.8	-0.4	-9.6	1.1	-63.3
					14	-23.8	-25.4	-9.6	-15.0	-34.2
					9	-23.8	-0.9	-9.6	2.5	-27.2
					8	-102.9	-0.9	-9.6	-0.0	-103.8
					13	-102.9	-25.4	-9.6	-24.3	-104.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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44.94	Max	Cent	33.4	8.8	5600.1	5621.2	-5579.0
34.65		14	4295.3	27.2	5650.2	8201.0	-3878.5
62.44		9	83.2	6311.8	4466.0	8642.1	-2247.2
44.86		8	187.2	148.5	3878.9	4046.8	-3711.1
43.17		13	14852.5	14205.9	5061.0	19600.5	9457.9
-88.54	Min	Cent	-5756.6	-1445.2	-109.8	-1442.4	-5759.4
-2.13		14	-32.4	-3033.7	-111.7	-28.3	-3037.8
-89.47		9	-12979.1	-41.2	-119.5	-40.1	-12980.2
-88.80		8	-29193.8	-23263.8	-124.8	-23261.2	-29196.4
-45.24		13	-109.9	-107.9	-114.2	5.3	-223.1

		NODE	Vxx	Vyy
Max	Cent		28.7	18.3
	14		21.8	0.4
	9		21.8	84.8
	8		35.6	84.8
	13		35.6	0.4
Min	Cent		-0.2	-0.1
	14		-0.1	-48.3
	9		-0.1	-0.5
	8		-0.2	-0.5
	13		-0.2	-48.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
32.13	c mob-b	Max	Cent	55.8	19.7	37.5	79.3	-3.9
30.62			14	41.7	0.5	37.5	63.8	-21.6
53.52			9	41.7	64.6	37.5	92.3	14.0
42.37			8	71.5	64.6	37.5	105.7	30.5
23.27			13	71.5	0.5	37.5	87.6	-15.6
-80.31		Min	Cent	-80.3	-0.9	-14.0	1.5	-82.7
-52.20			14	-32.6	-25.4	-14.0	-14.6	-43.4
-68.73			9	-32.6	-2.1	-14.0	3.3	-38.0
-83.84			8	-130.0	-2.1	-14.0	-0.6	-131.5
-82.53			13	-130.0	-25.4	-14.0	-23.6	-131.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.95	Max	Cent	27.0	8.9	5728.8	5746.8	-5710.8
34.77		14	4344.9	26.8	5789.9	8365.2	-3993.5
		9	69.1	6390.5	4601.9	8812.6	-2353.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

62.24							
		8	156.0	133.0	4021.0	4165.5	-3876.5
44.92							
		13	14981.7	14326.5	5191.6	19856.0	9452.2
43.19							
	Min	Cent	-5868.6	-1480.7	-149.1	-1475.7	-5873.7
-88.06							
		14	-29.9	-3037.7	-154.1	-22.0	-3045.6
-2.93							
		9	-13182.5	-33.8	-180.7	-31.3	-13185.0
-89.21							
		8	-29618.5	-23602.0	-197.7	-23595.6	-29625.0
-88.12							
		13	-101.8	-103.3	-166.3	63.7	-268.8
-44.87							

		NODE	Vxx	Vyy
Max	Cent		29.1	18.7
	14		22.1	0.4
	9		22.1	86.0
	8		36.1	86.0
	13		36.1	0.4
Min	Cent		-0.2	-0.1
	14		-0.1	-48.6
	9		-0.1	-0.4
	8		-0.2	-0.4
	13		-0.2	-48.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	18.7	65.2	103.6	148.1	-64.2
51.33		14	78.5	-86.5	103.6	128.4	-136.4
25.74		9	78.5	216.8	103.6	272.2	23.1
61.87		8	-41.2	216.8	103.6	253.3	-77.6
70.62		13	-41.2	-86.5	103.6	42.2	-169.8
38.83							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-18375.1	-5671.4	16632.7	5781.1	-29827.5
55.45	14	13461.6	-10062.5	16738.6	22157.5	-18758.4
27.45	9	-40916.3	19598.7	13051.8	22293.7	-43611.3
78.33	8	-92472.8	-75077.5	11209.5	-69587.1	-97963.3
63.90	13	46427.1	42855.9	14896.3	59644.5	29638.5
41.58						

		NODE	Vxx	Vyy
	Cent		90.5	62.1
	14		68.7	-147.7
	9		68.7	271.8
	8		112.4	271.8
	13		112.4	-147.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

25.74	vento -y	Cent	6.3	1.1	3.3	7.9	-0.5
23.93		14	4.5	-1.5	3.3	6.0	-2.9
41.48		9	4.5	3.7	3.3	7.4	0.8
27.77		8	8.2	3.7	3.3	9.9	2.0
17.13		13	8.2	-1.5	3.3	9.2	-2.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

55.74		Cent	-198.4	-49.4	189.3	79.5	-327.3
27.41		14	158.3	-109.4	189.9	256.8	-207.9
78.10		9	-459.0	220.8	149.9	252.3	-490.6
64.63		8	-1028.9	-817.9	129.1	-756.7	-1090.1
42.70		13	536.2	509.0	169.1	692.2	352.9
ANGLE		NODE	Vxx	Vyy			

		Cent	1.0	0.6			
		14	0.8	-1.7			
		9	0.8	3.0			
		8	1.3	3.0			
		13	1.3	-1.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

68.61	cedime~1	Cent	-39.4	-2.8	16.9	3.8	-46.1
63.79		14	-15.7	10.4	16.9	18.7	-24.1
44.78		9	-15.7	-16.0	16.9	1.1	-32.8
72.15		8	-63.2	-16.0	16.9	-10.5	-68.6
77.63		13	-63.2	10.4	16.9	14.1	-66.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-28.90		Cent	4790.7	886.2	-3099.8	6501.8	-824.9
-71.95		14	-4824.7	3229.0	-2936.4	4186.0	-5781.6
-6.55		9	12368.8	-6088.5	-2148.8	12615.7	-6335.3
-13.80		8	27716.7	21660.4	-1583.3	28105.7	21271.4
-50.03		13	-16098.0	-15256.0	-2371.0	-13268.9	-18085.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-28.6	-13.8
14	-21.7	51.8
9	-21.7	-79.4
8	-35.5	-79.4
13	-35.5	51.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
64.70	perm	Cent	-21.5	22.3	26.7	35.0	-34.1
25.20		14	14.2	-30.0	26.7	26.7	-42.5
69.29		9	14.2	74.7	26.7	84.7	4.1
78.98		8	-57.2	74.7	26.7	79.8	-62.4
58.51		13	-57.2	-30.0	26.7	-13.6	-73.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
55.47	Cent	-7028.6	-1776.2	6862.9	2945.8	-11750.6
28.23	14	5468.2	-3713.9	6925.4	9186.1	-7431.9
77.70	9	-16026.7	7787.2	5452.7	8976.3	-17215.9
63.86	8	-36057.9	-28754.0	4722.1	-26436.5	-38375.4
42.86	13	18501.9	17575.9	6194.8	24250.9	11826.9

NODE	Vxx	Vyy
Cent	35.6	22.6
14	27.1	-59.6
9	27.1	104.8
8	44.1	104.8
13	44.1	-59.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.12	INV TO~1 Max	Cent	60.2	49.7	97.1	135.3	-25.4
34.11		14	74.5	-18.9	97.1	124.5	-66.0
59.66		9	74.5	164.5	97.1	211.4	27.5
62.83		8	49.4	164.5	97.1	205.7	8.3
31.93		13	49.4	-18.9	97.1	99.4	-79.2
87.04	Min	Cent	-169.3	18.3	7.8	21.5	-172.6
12.21		14	-45.5	-64.3	7.8	-28.1	-84.6
76.96		9	-45.5	55.8	7.8	61.5	-51.2
		8	-295.8	55.8	7.8	57.5	-297.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.99
87.34

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-2192.8	-877.9	14596.7	10454.4	-11614.5
50.07		14	11333.8	-448.2	14741.7	20370.7	-6577.6
31.51		9	-3545.6	16414.4	11665.3	20184.1	-8385.6
72.09		8	-8088.5	-6893.1	10150.4	1097.1	-16078.7
47.00		13	38727.2	36916.7	13203.4	51056.4	24587.6
43.04	Min	Cent	-14951.3	-3775.2	3561.7	-1435.1	-19202.0
67.79		14	599.7	-7814.9	3780.9	2591.5	-12714.1
27.78		9	-33823.1	1643.1	3059.9	2041.6	-34466.1
82.58		8	-76042.9	-60616.8	2871.8	-59422.6	-77237.1
74.99		13	2255.6	2174.2	3599.3	5814.4	-1384.7
44.68							

		NODE	Vxx	Vyy
	Max	Cent	74.9	47.8
		14	56.9	-7.3
		9	56.9	220.9
		8	92.8	220.9
		13	92.8	-7.3
	Min	Cent	6.7	8.6
		14	5.2	-125.3
		9	5.2	24.6
		8	8.3	24.6
		13	8.3	-125.3

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

		INV TO~2	Max	Cent	60.2	88.0	139.8	199.9	-25.4
51.33				14	106.0	-18.9	139.8	173.4	-66.0
25.74				9	106.0	292.7	139.8	367.5	31.2
61.87				8	49.4	292.7	139.8	341.9	8.3
70.62				13	49.4	-18.9	139.8	99.4	-79.2
31.93			Min	Cent	-169.3	18.3	7.8	21.5	-172.6
87.04				14	-45.5	-116.7	7.8	-28.1	-184.1
12.21				9	-45.5	55.8	7.8	61.5	-51.2
76.96				8	-295.8	55.8	7.8	57.5	-297.5
85.99				13	-295.8	-116.7	7.8	-63.9	-298.3
87.34									

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		Max	Cent					
50.07				-2192.8	-877.9	22454.2	10454.4	-11614.5
27.45			14	18173.2	-448.2	22597.1	29912.6	-6577.6
78.33			9	-3545.6	26458.2	17619.9	30096.4	-8385.6
47.00			8	-8088.5	-6893.1	15132.8	1097.1	-16078.7
41.58			13	62676.6	57855.4	20110.0	80520.0	40012.0
67.79		Min	Cent	-24806.4	-7656.3	3561.7	-1435.1	-40267.2
27.78			14	599.7	-13584.4	3780.9	2591.5	-25323.8
82.58			9	-55237.0	1643.1	3059.9	2041.6	-58875.2
63.90			8	-124838.3	-101354.6	2871.8	-93942.5	-132250.4
44.68			13	2255.6	2174.2	3599.3	5814.4	-1384.7

		NODE	Vxx	Vyy
Max	Cent		122.2	83.8
	14		92.7	-7.3
	9		92.7	366.9
	8		151.7	366.9
	13		151.7	-7.3
Min	Cent		6.7	8.6
	14		5.2	-199.3
	9		5.2	24.6
	8		8.3	24.6
	13		8.3	-199.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
336	2	23	c mob-a	Max	Cent	3254.8	5.8	41.9	3255.4	5.2
0.74					199	3117.9	7.2	41.9	3118.5	6.7
0.77					194	3117.9	12.0	41.9	3118.5	11.4
0.77					193	3395.7	12.0	41.9	3396.3	11.4
0.71					198	3395.7	7.2	41.9	3396.3	6.7
0.71				Min	Cent	-14.6	-1.3	-11.7	5.6	-21.4
-59.80					199	-14.1	-6.2	-11.7	2.2	-22.5
-54.30					194	-14.1	-4.7	-11.7	3.2	-22.0
-55.90					193	-15.2	-4.7	-11.7	2.9	-22.8
-57.03					198	-15.2	-6.2	-11.7	1.9	-23.2
-55.47										

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
27.87		Max	Cent	2543.5	141.5	1763.3	3475.9	-791.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.66		199	3383.0	954.6	1892.4	4417.2	-79.7
29.91		194	2259.3	232.3	1743.3	3262.3	-770.8
30.22		193	2329.6	332.7	1760.3	3354.9	-692.6
30.76		198	2843.4	772.0	1909.2	3979.7	-364.4
-44.56	Min	Cent	-9.6	-81.3	-2333.6	2288.4	-2379.4
-42.12		199	-10.8	-495.2	-2403.2	2162.4	-2668.4
-43.45		194	-79.4	-330.5	-2320.5	2119.0	-2528.9
-43.83		193	-10.5	-199.9	-2320.2	2216.9	-2427.4
-39.55		198	-11.1	-936.3	-2402.8	1973.3	-2920.7

	NODE	Vxx	Vyy
Max	Cent	1.1	1.9
	199	1.4	5.0
	194	1.4	0.7
	193	0.8	0.7
	198	0.8	5.0
Min	Cent	-0.4	-1.4
	199	-0.5	-3.1
	194	-0.5	-1.4
	193	-0.4	-1.4
	198	-0.4	-3.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.65	c mob-b	Max	Cent	3578.5	6.0	40.7	3579.0	5.5
0.66			199	3547.3	10.0	40.7	3547.7	9.5
0.66			194	3547.3	13.7	40.7	3547.7	13.3
0.63			193	3694.7	13.7	40.7	3695.2	13.3
0.63			198	3694.7	10.0	40.7	3695.2	9.6
-50.95		Min	Cent	-10.1	-2.3	-18.5	12.8	-25.1
-45.12			199	-9.8	-9.6	-18.5	8.8	-28.2
-47.23			194	-9.8	-6.9	-18.5	10.2	-26.9
-47.69			193	-10.4	-6.9	-18.5	9.9	-27.3
-45.58			198	-10.4	-9.6	-18.5	8.5	-28.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
27.77	Max	Cent	2996.1	169.2	2060.1	4080.9	-915.7
28.63		199	3979.6	1152.0	2199.4	5180.4	-48.8
29.38		194	2765.4	293.5	2037.0	3912.1	-853.2
		193	2716.2	320.6	2050.7	3893.2	-856.4

PROJECT TITLE :

	Company		Client	
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29.86			198	3278.8	966.0	2213.1	4619.4	-374.6
31.21								
-44.60	Min	Cent		-7.0	-80.6	-2616.5	2573.0	-2660.6
-41.86			199	-20.0	-614.4	-2702.7	2401.8	-3036.3
-43.24			194	-67.4	-387.7	-2598.2	2375.6	-2830.7
-43.63			193	-7.0	-256.3	-2604.5	2475.8	-2739.2
-39.65			198	-9.7	-1033.6	-2709.1	2235.4	-3278.7

	NODE	Vxx	Vyy
Max	Cent	1.3	2.3
	199	1.7	5.8
	194	1.7	1.0
	193	0.9	1.0
	198	0.9	5.8
Min	Cent	-0.4	-1.7
	199	-0.6	-4.1
	194	-0.6	-1.5
	193	-0.4	-1.5
	198	-0.4	-4.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.04	pp	Cent	7785.0	2.7	4.8	7785.0	2.7
0.04		199	7341.3	1.1	4.8	7341.3	1.1
0.04		194	7341.3	4.3	4.8	7341.3	4.3
0.03		193	8228.6	4.3	4.8	8228.6	4.3
0.03		198	8228.6	1.1	4.8	8228.6	1.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-1.07	Cent	5425.8	-1144.9	-122.8	5428.1	-1147.2
-2.60	199	4972.8	-1295.7	-285.7	4985.8	-1308.7
-0.74	194	6008.7	-105.5	-78.6	6009.7	-106.5
-0.28	193	5444.3	-1550.5	-34.3	5444.5	-1550.6
-2.00	198	5277.2	-1628.0	-241.5	5285.7	-1636.4

	NODE	Vxx	Vyy
	Cent	-0.4	2.9
	199	-0.6	1.5
	194	-0.6	4.4
	193	-0.1	4.4
	198	-0.1	1.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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1.18      vento -y      Cent      50.1      0.1      1.0      50.1      0.1
1.44                                199      40.7      0.0      1.0      40.7      0.0
1.45                                194      40.7      0.2      1.0      40.7      0.2
1.45                                193      59.5      0.2      1.0      59.5      0.2
0.99                                198      59.5      0.0      1.0      59.5      0.0
0.99

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ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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68.52      Cent      -77.6     -0.8     35.8     13.3     -91.6
67.08                                199     -67.7     2.4     36.1     17.6     -82.9
69.96                                194     -86.6     -1.1     36.0     12.1     -99.7
69.60                                193     -78.6     7.2     37.0     20.9     -92.4
65.82                                198     -77.4    -11.5     37.1     5.1     -94.1

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NODE	Vxx	Vyy
Cent	0.0	0.0
199	0.0	0.0
194	0.0	-0.0
193	0.0	-0.0
198	0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-89.71      cedime~1      Cent     -1031.6   -1.7     -5.3     -1.7    -1031.6
-89.72                                199    -1084.5   -2.3     -5.3     -2.2    -1084.5
-89.72                                194    -1084.5   -1.1     -5.3     -1.1    -1084.5
-89.69                                193     -978.6   -1.1     -5.3     -1.1     -978.6
-89.69                                198     -978.6   -2.3     -5.3     -2.2     -978.6

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ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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68.84      Cent     -689.7   -56.0    288.6     55.8    -801.5
71.74                                199    -857.5   -84.4    286.3     10.1    -952.0
66.33                                194    -508.1    25.7    289.6    152.6    -635.0
66.04                                193    -472.4    65.2    297.7    197.5    -604.7
69.77                                198    -920.9  -230.5    294.5   -122.0  -1029.4

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NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
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Cent	-0.3	0.2
199	-0.3	0.4
194	-0.3	-0.1
193	-0.3	-0.1
198	-0.3	0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.12	perm	Cent	2712.1	0.4	-5.7	2712.1	0.4
-0.13		199	2604.7	1.1	-5.7	2604.7	1.1
-0.13		194	2604.7	-0.2	-5.7	2604.7	-0.2
-0.12		193	2819.5	-0.2	-5.7	2819.5	-0.2
-0.12		198	2819.5	1.1	-5.7	2819.5	1.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-4.65	Cent	2039.7	39.7	-163.8	2053.0	26.4
-5.89	199	1811.1	-292.9	-219.3	1833.7	-315.5
-4.24	194	2147.1	117.8	-151.3	2158.3	106.6
-4.16	193	2045.4	61.1	-144.9	2055.9	50.6
-6.37	198	2155.3	273.0	-212.9	2179.1	249.2

NODE	Vxx	Vyy
Cent	-0.1	-0.7
199	-0.2	-1.6
194	-0.2	0.1
193	0.0	0.1
198	0.0	-1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.39	INV TO~1 Max	Cent	7543.1	8.5	50.8	7543.4	8.2
0.39		199	7393.5	14.6	50.8	7393.8	14.2
0.39		194	7393.5	18.4	50.8	7393.8	18.0
0.37		193	7807.4	18.4	50.8	7807.7	18.0
0.37		198	7807.4	14.6	50.8	7807.7	14.3
-1.24	Min	Cent	1660.9	-4.3	-36.0	1661.6	-5.1
-1.36		199	1501.1	-14.2	-36.0	1502.0	-15.1
-1.36		194	1501.1	-10.6	-36.0	1502.0	-11.5
-1.13		193	1820.4	-10.6	-36.0	1821.1	-11.4
		198	1820.4	-14.2	-36.0	1821.1	-14.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.12

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	6084.4	268.1	2905.9	7088.8	-736.2
20.99		199	7183.5	1262.4	3036.3	8263.6	182.3
21.44		194	5880.5	539.7	2888.2	6932.5	-538.1
22.04		193	5712.2	575.5	2921.1	6805.5	-583.1
22.62		198	6581.6	1577.1	3069.2	7815.7	342.9
23.98	Min	Cent	1337.0	-126.0	-3696.1	4090.6	-2879.6
-38.94		199	926.6	-1206.7	-3868.0	3597.1	-3877.2
-36.71		194	1531.8	-405.6	-3658.9	4078.2	-3040.7
-37.08		193	1558.8	-285.0	-3661.0	4148.4	-2966.7
-37.60		198	1219.4	-1352.9	-3870.2	3733.3	-3866.8
-35.11							

		NODE	Vxx	Vyy
Max	Cent		1.6	2.6
		199	2.1	6.7
		194	2.1	1.5
		193	1.3	1.5
		198	1.3	6.7
Min	Cent		-0.9	-3.1
		199	-1.2	-7.1
		194	-1.2	-2.0
		193	-0.8	-2.0
		198	-0.8	-7.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	10509.7	8.5	50.8	10509.7	8.2
0.04			199	9910.7	14.6	50.8	9910.7	14.2
0.04			194	9910.7	18.4	50.8	9910.7	18.0
0.04			193	11108.7	18.4	50.8	11108.7	18.0
0.03			198	11108.7	14.6	50.8	11108.7	14.3
0.03		Min	Cent	1660.9	-4.3	-36.0	1661.6	-5.1
-1.24			199	1501.1	-14.2	-36.0	1502.0	-15.1
-1.36			194	1501.1	-10.6	-36.0	1502.0	-11.5
-1.36			193	1820.4	-10.6	-36.0	1821.1	-11.4
-1.13			198	1820.4	-14.2	-36.0	1821.1	-14.9
-1.12								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-1.07          Max   Cent   7324.8   268.1   2905.9   7327.9   -736.2
21.44          199   7183.5   1262.4   3036.3   8263.6   182.3
-0.74          194   8111.8   539.7   2888.2   8113.1   -143.8
-0.28          193   7349.9   575.5   2921.1   7350.1   -583.1
23.98          198   7124.3   1577.1   3069.2   7815.7   342.9
-38.94         Min   Cent   1337.0  -1545.6  -3696.1   4090.6  -2879.6
-36.71          199   926.6   -1749.3  -3868.0   3597.1  -3877.2
-37.08          194   1531.8   -405.6  -3658.9   4078.2  -3040.7
-37.60          193   1558.8   -2093.1  -3661.0   4148.4  -2966.7
-35.11          198   1219.4   -2197.8  -3870.2   3733.3  -3866.8
    
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-----
                NODE      Vxx      Vyy
-----
Max   Cent      1.6      3.9
      199      2.1      6.7
      194      2.1      5.9
      193      1.3      5.9
      198      1.3      6.7
Min   Cent     -0.9     -3.1
      199     -1.2     -7.1
      194     -1.2     -2.0
      193     -0.8     -2.0
      198     -0.8     -7.1
    
```

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ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
337   2    23  c mob-a  Max   Cent   3303.7   15.7   50.7   3304.5   14.9
      0.88          206   3190.5   30.2   50.7   3191.3   29.4
      0.92          199   3190.5   20.8   50.7   3191.3   20.0
      0.92          198   3421.3   20.8   50.7   3422.1   20.0
      0.85          205   3421.3   30.2   50.7   3422.1   29.4
      0.86          Min   Cent   -14.9   -6.4   -9.2   -0.5   -20.8
-57.48          206   -14.3   -28.6   -9.2   -9.8   -33.1
-26.07          199   -14.3   -5.2   -9.2   0.5   -20.0
-58.25          198   -15.6   -5.2   -9.2   0.2   -21.0
-59.82          205   -15.6   -28.6   -9.2  -10.9  -33.4
-27.38
                NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
29.97          Max   Cent   2944.9   550.8   2069.1   4138.2   -642.6
      26.65          206   3977.5   1809.8   1454.2   4707.3   1080.0
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

31.16		199	3502.1	995.1	2389.1	4946.5	-449.4
32.85		198	2885.7	794.1	2316.1	4381.2	-701.4
46.91		205	5195.5	5380.1	1384.8	6675.7	3899.9
-43.31	Min	Cent	-9.1	-297.3	-2434.4	2285.4	-2591.9
-33.04		206	-1334.3	-3333.0	-2253.0	131.1	-4798.4
-42.36		199	-29.3	-502.5	-2562.1	2307.1	-2838.9
-39.51		198	-11.4	-993.8	-2529.6	2074.3	-3079.5
-31.71		205	-852.0	-3077.6	-2224.2	522.2	-4451.9

		NODE	Vxx	Vyy
Max	Cent		1.7	5.4
		206	2.1	13.7
		199	2.1	5.0
		198	1.9	5.0
		205	1.9	13.7
Min	Cent		-1.7	-9.9
		206	-2.4	-24.5
		199	-2.4	-3.1
		198	-1.9	-3.1
		205	-1.9	-24.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.76	c mob-b	Max	Cent	3627.3	19.6	47.7	3627.9	19.0
0.77			206	3610.7	42.3	47.7	3611.3	41.6
0.76			199	3610.7	22.3	47.7	3611.3	21.7
0.74			198	3728.2	22.3	47.7	3728.8	21.7
0.74			205	3728.2	42.3	47.7	3728.8	41.7
-48.44		Min	Cent	-10.3	-6.8	-14.6	6.1	-23.2
-27.70			206	-10.0	-30.1	-14.6	-2.3	-37.7
-47.17			199	-10.0	-7.8	-14.6	5.8	-23.5
-47.90			198	-10.7	-7.8	-14.6	5.4	-23.9
-28.21			205	-10.7	-30.1	-14.6	-2.9	-37.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.61		Max	Cent	3253.8	657.9	2363.1	4651.9	-740.3
33.33			206	3721.1	2244.7	1710.1	4845.6	1120.3
31.11			199	4085.7	1186.0	2751.2	5745.7	-474.0
33.09			198	3343.4	1000.9	2652.1	5071.4	-727.1
			205	5859.6	6436.3	1641.2	7814.2	4481.6

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	Company		Client	
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49.98								
	Min	Cent	-6.5	-397.5	-2770.5	2575.3	-2979.4	
-42.98		206	-1454.7	-4026.8	-2517.0	85.7	-5567.3	
-31.47		199	-69.6	-630.2	-2934.7	2598.2	-3298.0	
-42.27		198	-9.7	-1105.4	-2890.7	2384.6	-3499.7	
-39.63		205	-1266.8	-4040.1	-2477.5	185.7	-5492.6	
-30.38								

	NODE	Vxx	Vyy
Max	Cent	1.7	6.9
	206	2.0	17.7
	199	2.0	5.8
	198	2.0	5.8
	205	2.0	17.7
Min	Cent	-2.1	-12.0
	206	-2.9	-29.5
	199	-2.9	-4.1
	198	-2.4	-4.1
	205	-2.4	-29.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	7802.1	45.7	43.7	7802.3	45.4
0.32		206	7385.1	85.1	43.7	7385.3	84.8
0.34		199	7385.1	6.2	43.7	7385.3	5.9
0.34		198	8219.1	6.2	43.7	8219.3	6.0
0.30		205	8219.1	85.1	43.7	8219.3	84.9
0.31							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	6001.0	-1603.4	-391.2	6021.1	-1623.5
-2.94	206	9225.6	2719.5	272.7	9237.0	2708.1
2.40	199	4808.1	-1345.2	-723.9	4892.1	-1429.2
-6.62	198	5478.9	-1567.5	-645.0	5537.4	-1626.0
-5.19	205	4491.6	-6220.4	351.6	4503.2	-6231.9
1.88						

	NODE	Vxx	Vyy
	Cent	1.6	13.6
	206	2.8	25.8
	199	2.8	1.5
	198	0.4	1.5
	205	0.4	25.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.68	vento -y	Cent	52.0	0.1	1.5	52.0	0.1
1.98		206	43.5	-0.4	1.5	43.6	-0.4
2.02		199	43.5	0.6	1.5	43.6	0.6
1.45		198	60.5	0.6	1.5	60.5	0.6
1.43		205	60.5	-0.4	1.5	60.5	-0.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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62.09		Cent	-48.8	4.2	39.0	24.8	-69.4
54.97		206	-31.3	-4.4	37.0	21.6	-57.2
66.19		199	-71.6	1.2	39.9	18.8	-89.2
64.89		198	-77.4	-11.5	39.6	7.1	-95.9
61.07		205	-14.8	31.3	36.7	51.6	-35.1

NODE	Vxx	Vyy
Cent	0.0	-0.0
206	0.0	-0.1
199	0.0	0.0
198	0.0	0.0
205	0.0	-0.1

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

-89.60	cedime~1	Cent	-1033.9	-0.4	-7.1	-0.4	-1034.0
-89.63		206	-1094.5	2.1	-7.1	2.2	-1094.6
-89.62		199	-1094.5	-3.0	-7.1	-2.9	-1094.6
-89.58		198	-973.4	-3.0	-7.1	-2.9	-973.4
-89.58		205	-973.4	2.1	-7.1	2.2	-973.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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62.25		Cent	-426.3	6.8	314.9	172.5	-591.9
49.55		206	131.7	245.1	354.1	547.0	-170.2
71.84		199	-906.7	-99.1	296.8	-1.8	-1004.0
69.87		198	-919.1	-230.0	291.8	-123.0	-1026.1
49.96		205	-10.9	111.2	349.1	404.6	-304.3

NODE	Vxx	Vyy
Cent	0.8	0.4
206	0.8	0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

199 0.8 0.4
 198 0.7 0.4
 205 0.7 0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.15	perm	Cent	2706.8	16.7	7.0	2706.8	16.7
0.16		206	2601.1	33.9	7.0	2601.1	33.9
0.15		199	2601.1	-0.5	7.0	2601.1	-0.5
0.14		198	2812.5	-0.5	7.0	2812.5	-0.5
0.14		205	2812.5	33.9	7.0	2812.5	33.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.38	Cent	1977.9	-177.6	-284.0	2014.7	-214.4
-1.50	206	2752.0	1064.6	-44.3	2753.2	1063.5
-10.59	199	1775.0	-303.7	-402.8	1850.3	-379.0
-10.46	198	2235.0	296.9	-370.4	2303.4	228.5
-0.23	205	1149.5	-1768.3	-11.9	1149.6	-1768.3

NODE	Vxx	Vyy
Cent	0.0	3.2
206	0.5	8.1
199	0.5	-1.6
198	-0.4	-1.6
205	-0.4	8.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.57	INV TO~1 Max	Cent	7603.6	43.2	75.5	7604.4	42.4
0.59		206	7475.5	93.1	75.5	7476.3	92.4
0.58		199	7475.5	29.6	75.5	7476.3	28.9
0.55		198	7845.5	29.6	75.5	7846.2	28.9
0.56		205	7845.5	93.1	75.5	7846.2	92.4
-0.69	Min	Cent	1652.7	7.1	-19.8	1653.0	6.9
-0.76		206	1487.2	-6.6	-19.8	1487.5	-6.7
-0.76		199	1487.2	-14.0	-19.8	1487.5	-14.2
-0.62		198	1818.0	-14.0	-19.8	1818.2	-14.2
-0.62		205	1818.0	-6.6	-19.8	1818.2	-6.7

PROJECT TITLE :

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	6370.5	717.3	3221.1	7596.9	-515.9
22.88		206	8253.3	4340.1	2618.4	9565.4	3078.4
26.62		199	7290.7	1297.5	3608.1	8760.0	-171.9
23.93		198	6748.6	1648.1	3501.8	8298.1	98.6
25.77		205	9060.0	7031.9	2552.8	10785.3	5540.8
34.22	Min	Cent	1539.3	-714.3	-4024.2	4291.5	-3615.7
-36.58		206	788.1	-4371.6	-3442.3	2384.5	-6093.5
-25.38		199	774.4	-1253.6	-4364.7	3952.8	-4432.0
-38.00		198	1300.5	-1425.3	-4272.9	4145.5	-4270.3
-35.55		205	-571.5	-7222.5	-3356.5	601.2	-8620.3
-21.30							

		NODE	Vxx	Vyy
	Max	Cent	3.2	13.0
		206	4.1	32.3
		199	4.1	6.7
		198	3.0	6.7
		205	3.0	32.3
	Min	Cent	-2.8	-12.9
		206	-3.4	-31.7
		199	-3.4	-7.1
		198	-3.6	-7.1
		205	-3.6	-31.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	10532.8	61.6	75.5	10533.1	61.3
0.32			206	9969.9	114.9	75.5	9970.2	114.5
0.34			199	9969.9	29.6	75.5	9970.2	28.9
0.34			198	11095.8	29.6	75.5	11096.1	28.9
0.30			205	11095.8	114.9	75.5	11096.1	114.6
0.31		Min	Cent	1652.7	7.1	-19.8	1653.0	6.9
-0.69			206	1487.2	-6.6	-19.8	1487.5	-6.7
-0.76			199	1487.2	-14.0	-19.8	1487.5	-14.2
-0.76			198	1818.0	-14.0	-19.8	1818.2	-14.2
-0.62			205	1818.0	-6.6	-19.8	1818.2	-6.7
-0.62								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	8101.4	717.3	3221.1	8128.5	-515.9

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-2.94							
		206	12454.5	4340.1	2618.4	12469.9	3655.9
2.40							
		199	7290.7	1297.5	3608.1	8760.0	-171.9
23.93							
		198	7396.5	1648.1	3501.8	8298.1	98.6
25.77							
		205	9060.0	7031.9	2552.8	10785.3	5540.8
34.22							
	Min	Cent	1539.3	-2164.6	-4024.2	4291.5	-3615.7
-36.58							
		206	788.1	-4371.6	-3442.3	2384.5	-6093.5
-25.38							
		199	774.4	-1816.0	-4364.7	3952.8	-4432.0
-38.00							
		198	1300.5	-2116.1	-4272.9	4145.5	-4270.3
-35.55							
		205	-571.5	-8397.5	-3356.5	601.2	-8620.3
-21.30							

		NODE	Vxx	Vyy
Max	Cent		3.2	18.4
	206		4.1	34.8
	199		4.1	6.7
	198		3.0	6.7
	205		3.0	34.8
Min	Cent		-2.8	-12.9
	206		-3.4	-31.7
	199		-3.4	-7.1
	198		-3.6	-7.1
	205		-3.6	-31.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
376	2	14	c mob-a	Max	Cent	41.7	25.0	23.7	58.4	8.3
35.29					568	33.5	81.4	23.7	91.1	23.7
67.68					558	33.5	8.3	23.7	47.7	-5.9
31.00					557	56.0	8.3	23.7	65.7	-1.5
22.39					567	56.0	81.4	23.7	95.6	41.8
59.12				Min	Cent	-86.4	-5.3	-51.4	19.6	-111.3
-64.13					568	-59.3	-17.8	-51.4	16.9	-93.9
-55.98					558	-59.3	-31.5	-51.4	7.9	-98.6
-52.57					557	-117.8	-31.5	-51.4	-7.5	-141.8
-65.02					567	-117.8	-17.8	-51.4	3.9	-139.5
-67.11										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	26.3	51.5	36.6	77.6	0.2
54.50					568	220.3	4089.3	27.8	4089.5	220.1
89.59					558	2704.1	26.7	35.5	2704.6	26.2
0.76										

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2.34			557	7950.6	5852.6	85.9	7954.1	5849.1
53.87			567	143.8	242.0	153.5	354.1	31.7
-32.31		Min	Cent	-3377.1	-5622.0	-2365.7	-1881.1	-7118.1
-68.96			568	-5035.9	-52.1	-2250.4	813.7	-5901.6
-34.88			558	-144.2	-2067.6	-2608.3	1674.0	-3885.8
-45.23			557	-79.4	-56.6	-1431.1	1363.1	-1499.1
-5.39			567	-18827.8	-30169.4	-1080.2	-18725.9	-30271.4

		NODE	Vxx	Vyy
Max	Cent		0.2	41.0
		568	0.3	102.9
		558	0.3	0.2
		557	0.1	0.2
		567	0.1	102.9
Min	Cent		-13.7	-0.3
		568	-10.1	-0.8
		558	-10.1	-21.4
		557	-17.4	-21.4
		567	-17.4	-0.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.66	c mob-b	Max	Cent	36.7	38.8	11.5	49.3	26.3
82.57			568	36.8	123.2	11.5	124.7	35.3
17.60			558	36.8	4.3	11.5	40.5	0.7
13.41			557	49.6	4.3	11.5	52.4	1.6
81.34			567	49.6	123.2	11.5	124.9	47.9
-63.56		Min	Cent	-112.8	-3.9	-71.9	31.9	-148.5
-56.63			568	-73.8	-12.0	-71.9	35.4	-121.1
-50.55			558	-73.8	-45.5	-71.9	13.6	-132.9
-63.88			557	-156.9	-45.5	-71.9	-10.3	-192.2
-67.61			567	-156.9	-12.0	-71.9	17.7	-186.5

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.93		Max	Cent	48.7	92.4	9.8	94.5	46.6
89.88			568	416.7	4561.8	8.5	4561.8	416.6
0.18			558	2928.3	5.4	9.4	2928.4	5.3
1.42			557	8551.7	6174.4	59.1	8553.1	6172.9
68.97			567	240.7	388.1	66.5	413.6	215.2
		Min	Cent	-3594.8	-5930.6	-2675.7	-1843.3	-7682.2

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-33.21							
	568	-5330.6	-11.8	-2498.7	977.9	-6320.2	
-68.39							
	558	-278.7	-2285.8	-2939.6	1823.9	-4388.4	
-35.58							
	557	-138.5	-102.1	-1907.4	1787.2	-2027.8	
-45.27							
	567	-20234.9	-32285.4	-1453.8	-20061.9	-32458.3	
-6.78							

	NODE	Vxx	Vyy
Max	Cent	0.3	44.1
	568	0.5	110.4
	558	0.5	0.2
	557	0.2	0.2
	567	0.2	110.4
Min	Cent	-14.7	-0.4
	568	-10.8	-1.0
	558	-10.8	-22.8
	557	-18.7	-22.8
	567	-18.7	-1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-82.9	48.5	-81.1	87.1	-121.6
		568	-36.8	151.9	-81.1	182.0	-66.9
-64.51		558	-36.8	-55.0	-81.1	35.7	-127.5
-69.66		557	-129.1	-55.0	-81.1	-2.9	-181.2
-41.80		567	-129.1	151.9	-81.1	173.7	-150.8
-57.27							
-75.01							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-4118.2	-6528.5	-3209.1	-1895.5	-8751.2
	568	-4675.3	5553.3	-2849.6	6293.6	-5415.6
-34.71	558	1647.4	-3140.1	-3539.7	3526.8	-5019.5
-75.44	557	8527.7	6530.7	-2210.8	9955.1	5103.4
-27.97	567	-21972.7	-35057.8	-1520.7	-21798.3	-35232.2
-32.85						
-6.54						

	NODE	Vxx	Vyy
	Cent	-14.6	47.7
	568	-9.7	121.6
	558	-9.7	-26.1
	557	-19.6	-26.1
	567	-19.6	121.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	3.5	-1.0	0.9	3.7	-1.2
11.06							

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10.08	568	1.8	-3.2	0.9	1.9	-3.4
36.57	558	1.8	1.2	0.9	2.4	0.5
12.24	557	5.2	1.2	0.9	5.4	1.0
6.11	567	5.2	-3.2	0.9	5.3	-3.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.87	Cent	-36.6	-47.0	35.8	-5.6	-78.0
73.96	568	-132.1	-61.2	22.2	-54.9	-138.5
30.30	558	67.1	28.2	34.5	87.2	8.0
39.00	557	62.6	42.5	47.1	100.8	4.4
26.24	567	-143.9	-197.4	34.8	-126.7	-214.6

NODE	Vxx	Vyy
Cent	-0.2	0.2
568	-0.2	0.5
558	-0.2	-0.1
557	-0.1	-0.1
567	-0.1	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-87.10	cedime~1	Cent	-24.8	5.3	-1.5	5.4	-24.9
-88.21		568	-34.5	14.4	-1.5	14.5	-34.5
-87.15		558	-34.5	-3.9	-1.5	-3.8	-34.5
-82.43		557	-15.2	-3.9	-1.5	-3.6	-15.4
-87.05		567	-15.2	14.4	-1.5	14.5	-15.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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68.77	Cent	2404.0	3778.6	628.7	4022.8	2159.8
7.52	568	4126.4	-1622.8	772.7	4228.5	-1724.9
76.58	558	-1679.7	1161.3	718.8	1332.8	-1851.2
-83.78	557	-5130.2	-4011.8	-123.3	-3998.3	-5143.6
-89.45	567	12299.5	19587.7	-69.4	19588.3	12298.8

NODE	Vxx	Vyy
Cent	9.2	-25.1
568	7.2	-64.4
558	7.2	14.2
557	11.2	14.2

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
567			11.2	-64.4				
ANGLE								

	perm	Cent	-52.0	17.0	-23.4	24.2	-59.2	
-72.90		568	-22.6	53.0	-23.4	59.7	-29.3	
-74.11		558	-22.6	-19.1	-23.4	2.7	-44.3	
-47.15		557	-81.4	-19.1	-23.4	-11.3	-89.2	
-71.53		567	-81.4	53.0	-23.4	57.0	-85.4	
-80.39								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-1351.2	-2089.3	-1206.0	-459.0	-2981.5	
-36.49		568	-1473.0	2052.4	-1057.0	2345.1	-1765.6	
-74.53		558	573.7	-964.4	-1328.2	1339.4	-1730.2	
-29.96		557	2883.6	2238.1	-889.7	3507.3	1614.4	
-35.03		567	-7388.9	-11683.1	-618.6	-7301.6	-11770.4	
-8.04								
		NODE	Vxx	Vyy				

		Cent	-4.9	16.2				
		568	-3.2	41.0				
		558	-3.2	-8.6				
		557	-6.6	-8.6				
		567	-6.6	41.0				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	4.3	74.7	8.5	75.2	3.2
85.82			568	27.1	233.7	8.5	233.9	26.7
88.34			558	27.1	-7.9	8.5	29.1	-9.9
12.98			557	-5.8	-7.9	8.5	1.7	-15.4
41.56			567	-5.8	233.7	8.5	233.9	-6.2
88.43								
		Min	Cent	-229.1	9.8	-122.0	63.9	-279.6
-65.80			568	-156.7	29.0	-122.0	95.7	-214.4
-61.05			558	-156.7	-84.4	-122.0	-2.2	-247.8
36.31			557	-308.4	-84.4	-122.0	-30.8	-362.0
-66.27			567	-308.4	29.0	-122.0	69.1	-346.6
-71.60								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

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	Max	Cent	1118.7	1814.1	-528.0	2098.6	834.2
-61.68		568	3215.9	8210.9	-246.8	8323.5	3197.9
-83.70		558	4526.9	232.8	-561.4	4812.4	117.4
-12.57		557	14428.4	10573.5	-773.7	14577.9	10424.0
-10.94		567	5235.6	8428.5	-411.3	8499.2	5164.8
-81.62	Min	Cent	-6204.2	-10095.6	-4818.2	-2953.6	-13346.1
-34.00		568	-8669.3	359.3	-4430.2	2311.1	-10271.0
-61.91		558	-1482.3	-4050.3	-5296.6	2445.9	-7633.0
-40.63		557	-2433.5	-1911.4	-3588.0	1425.0	-5770.0
-47.08		567	-34706.0	-55268.3	-2650.6	-34386.9	-55587.4
-7.05							

	NODE	Vxx	Vyy
Max	Cent	4.7	75.8
	568	4.7	190.1
	558	4.7	5.9
	557	5.0	5.9
	567	5.0	190.1
Min	Cent	-24.8	-9.4
	568	-17.8	-24.7
	558	-17.8	-39.4
	557	-31.9	-39.4
	567	-31.9	-24.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	4.3	74.7	8.5	117.6	3.2
-64.51			568	27.1	233.7	8.5	245.7	26.7
-69.66			558	27.1	-7.9	8.5	48.2	-9.9
-41.80			557	-5.8	-7.9	8.5	1.7	-15.4
41.56			567	-5.8	233.7	8.5	234.4	-6.2
-75.01		Min	Cent	-229.1	9.8	-122.0	63.9	-279.6
-65.80			568	-156.7	29.0	-122.0	95.7	-214.4
-61.05			558	-156.7	-84.4	-122.0	-2.2	-247.8
36.31			557	-308.4	-84.4	-122.0	-30.8	-362.0
-66.27			567	-308.4	29.0	-122.0	69.1	-346.6
-71.60								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1118.7	1814.1	-528.0	2098.6	834.2
-61.68		568	3215.9	8210.9	-246.8	8496.3	3197.9

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-75.44								
		558	4526.9	232.8	-561.4	4812.4	117.4	
-12.57								
		557	14428.4	10573.5	-773.7	14577.9	10424.0	
-10.94								
		567	5235.6	8428.5	-411.3	8499.2	5164.8	
-81.62								
	Min	Cent	-6204.2	-10095.6	-4818.2	-2953.6	-13346.1	
-34.00								
		568	-8669.3	359.3	-4430.2	2311.1	-10271.0	
-61.91								
		558	-1482.3	-4239.1	-5296.6	2445.9	-7633.0	
-40.63								
		557	-2433.5	-1911.4	-3588.0	1425.0	-5770.0	
-47.08								
		567	-34706.0	-55268.3	-2650.6	-34386.9	-55587.4	
-7.05								

	NODE	Vxx	Vyy
Max	Cent	4.7	75.8
	568	4.7	190.1
	558	4.7	5.9
	557	5.0	5.9
	567	5.0	190.1
Min	Cent	-24.8	-9.4
	568	-17.8	-24.7
	558	-17.8	-39.4
	557	-31.9	-39.4
	567	-31.9	-24.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
377	2	14	c mob-a	Max	Cent	10.1	15.9	40.1	53.2	-27.2
47.08					579	12.9	16.5	40.1	54.8	-25.5
46.28					568	12.9	75.1	40.1	94.8	-6.8
63.91					567	51.8	75.1	40.1	105.2	21.7
53.11					578	51.8	16.5	40.1	77.9	-9.7
33.12				Min	Cent	-79.9	-4.9	-16.0	-1.7	-83.1
-78.47					579	-48.6	-51.6	-16.0	-34.1	-66.1
-42.33					568	-48.6	-23.0	-16.0	-15.3	-56.3
-64.37					567	-134.9	-23.0	-16.0	-20.8	-137.1
-82.04					578	-134.9	-51.6	-16.0	-48.6	-137.8
-79.52										

	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.00		Max	Cent	56.0	55.9	2311.3	2367.2	-2255.4
45.17			579	7.4	48.9	3433.8	3462.1	-3405.7
67.48			568	201.1	3944.2	1874.1	4721.2	-575.9
47.38			567	135.6	239.6	623.5	813.3	-438.1

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69.85			578	2454.1	7608.0	2185.6	8410.0	1652.1
-3.31	Min	Cent		-5277.0	-5728.0	-26.2	-5275.5	-5729.6
-0.41			579	-764.8	-4596.5	-27.6	-764.6	-4596.7
-89.81			568	-5458.2	-51.1	-18.2	-51.0	-5458.3
-1.44			567	-17499.1	-29770.8	-309.4	-17491.3	-29778.6
-41.52			578	-18.5	-50.2	-129.9	96.5	-165.2

		NODE	Vxx	Vyy
Max	Cent		8.6	33.0
		579	7.6	0.3
		568	7.6	102.9
		567	9.5	102.9
		578	9.5	0.3
Min	Cent		-0.1	-0.3
		579	-0.1	-38.4
		568	-0.1	-0.8
		567	-0.1	-0.8
		578	-0.1	-38.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.92	c mob-b	Max	Cent	18.6	25.9	54.4	76.8	-32.2
46.03			579	8.4	12.3	54.4	64.8	-44.0
68.59			568	8.4	125.8	54.4	147.1	-12.9
55.56			567	83.8	125.8	54.4	163.1	46.5
28.35			578	83.8	12.3	54.4	113.1	-17.0
-84.39		Min	Cent	-78.2	-2.7	-7.5	-1.9	-79.0
-29.60			579	-67.0	-76.0	-7.5	-62.8	-80.2
-81.72			568	-67.0	-16.6	-7.5	-15.5	-68.1
-86.05			567	-124.6	-16.6	-7.5	-16.1	-125.1
-81.43			578	-124.6	-76.0	-7.5	-74.8	-125.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.96		Max	Cent	108.1	101.1	2597.3	2701.9	-2492.7
45.08			579	2.9	23.1	3763.8	3776.8	-3750.8
67.54			568	381.6	4408.2	2007.1	5237.8	-448.0
47.64			567	230.7	385.1	836.4	1147.8	-532.0
68.33			578	2633.6	8230.2	2639.8	9278.8	1585.0
-4.89		Min	Cent	-5657.1	-6076.8	-36.1	-5654.0	-6079.8
			579	-860.6	-5160.2	-15.6	-860.5	-5160.2

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-0.21							
-89.67		568	-5786.4	-11.6	-33.7	-11.4	-5786.6
-1.43		567	-18795.4	-31853.6	-325.2	-18787.3	-31861.7
-42.71		578	-25.9	-49.6	-148.5	111.2	-186.7

	NODE	Vxx	Vyy
Max	Cent	9.2	34.6
	579	8.2	0.1
	568	8.2	110.4
	567	10.2	110.4
	578	10.2	0.1
Min	Cent	-0.2	-0.5
	579	-0.3	-41.7
	568	-0.3	-1.0
	567	-0.1	-1.0
	578	-0.1	-41.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
62.99	pp	Cent	-70.7	27.5	67.7	62.0	-105.2
39.20		579	-72.8	-100.5	67.7	-17.6	-155.7
74.68		568	-72.8	155.6	67.7	174.1	-91.3
74.45		567	-68.6	155.6	67.7	174.4	-87.5
38.37		578	-68.6	-100.5	67.7	-15.1	-154.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
41.55	Cent	-5966.4	-6684.8	2968.2	-3335.7	-9315.4
29.64	579	-1036.7	-6306.3	4433.7	1486.1	-8829.0
78.91	568	-5311.3	5362.5	2175.4	5788.8	-5737.6
3.02	567	-20400.7	-34586.2	749.6	-20361.2	-34625.7
67.24	578	2883.1	8791.0	3007.9	10053.0	1621.2

	NODE	Vxx	Vyy
	Cent	9.8	36.9
	579	8.4	-47.8
	568	8.4	121.6
	567	11.1	121.6
	578	11.1	-47.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-54.02	vento -y	Cent	-1.9	-0.9	-1.6	0.3	-3.1
-53.86		579	2.0	3.1	-1.6	4.3	0.9

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.29	perm	Cent	-13.7	11.9	27.9	29.8	-31.6
42.45		579	-35.8	-40.8	27.9	-10.2	-66.3
75.44		568	-35.8	64.5	27.9	71.8	-43.0
67.55		567	8.4	64.5	27.9	76.1	-3.1
24.32		578	8.4	-40.8	27.9	21.1	-53.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.82		Cent	-1982.1	-2134.8	1000.4	-1055.1	-3061.8
30.19		579	-356.8	-2076.8	1513.2	523.7	-2957.3
79.56		568	-1684.7	1988.9	700.8	2118.1	-1813.9
2.78		567	-6854.5	-11522.8	227.4	-6843.4	-11533.8
67.67		578	967.7	3071.5	1039.8	3498.7	540.6
		NODE	Vxx	Vyy			
		Cent	3.3	12.4			
		579	2.8	-16.3			
		568	2.8	41.0			
		567	3.7	41.0			
		578	3.7	-16.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.43	INV TO~1 Max	Cent	66.2	52.7	122.6	182.3	-63.4
44.98		579	-18.4	-18.5	122.6	82.9	-119.8
70.84		568	-18.4	272.6	122.6	315.2	-54.0
47.60		567	250.3	272.6	122.6	384.6	138.3
19.86		578	250.3	-18.5	122.6	294.5	-71.7
87.12	Min	Cent	-121.5	5.2	6.4	5.6	-121.8
33.18		579	-145.6	-169.9	6.4	-127.5	-188.0
87.71		568	-145.6	33.5	6.4	33.7	-149.1
88.23		567	-173.7	33.5	6.4	33.7	-173.9
78.56		578	-173.7	-169.9	6.4	-142.0	-175.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Max	Cent	1819.3	1845.7	4506.8	5183.3	-1518.3
45.11		579	5.9	149.4	6594.3	5467.9	-4780.8
41.40		568	3197.2	7940.0	3410.4	9075.3	2040.6
71.59		567	4916.9	8332.9	1356.5	8659.9	4590.0
73.53		578	4523.1	14182.2	4603.5	16024.8	2680.6
68.19	Min	Cent	-9619.2	-10338.4	-204.4	-8961.5	-10996.1
34.65		579	-1518.6	-9043.0	-260.4	-1239.4	-9322.2
10.71		568	-9496.4	369.3	-512.4	416.7	-9533.9
-84.72		567	-32228.2	-54525.1	-461.9	-32226.2	-54527.1
-0.54		578	-625.3	-1565.7	20.4	-624.8	-1566.1
1.24							

	NODE	Vxx	Vyy
Max	Cent	15.7	59.0
	579	13.9	5.2
	568	13.9	190.1
	567	17.5	190.1
	578	17.5	5.2
Min	Cent	-2.9	-9.9
	579	-3.1	-72.5
	568	-3.1	-24.7
	567	-2.8	-24.7
	578	-2.8	-72.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	66.2	52.7	122.6	182.3	-63.4
43.43			579	-18.4	-18.5	122.6	82.9	-119.8
44.98			568	-18.4	272.6	122.6	315.2	-54.0
70.84			567	250.3	272.6	122.6	384.6	138.3
47.60			578	250.3	-18.5	122.6	294.5	-71.7
19.86		Min	Cent	-121.5	5.2	6.4	5.6	-142.0
87.12			579	-145.6	-169.9	6.4	-127.5	-210.2
33.18			568	-145.6	33.5	6.4	33.7	-149.1
87.71			567	-173.7	33.5	6.4	33.7	-173.9
88.23			578	-173.7	-169.9	6.4	-142.0	-208.0
78.56								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	1819.3	1845.7	4506.8	5183.3	-1518.3
45.11			579	5.9	149.4	6594.3	5467.9	-4780.8
41.40			568	3197.2	7940.0	3410.4	9075.3	2040.6

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	Company		Client	
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71.59							
		567	4916.9	8332.9	1356.5	8659.9	4590.0
73.53							
		578	4523.1	14182.2	4603.5	16024.8	2680.6
68.19							
	Min	Cent	-9619.2	-10338.4	-204.4	-8961.5	-12575.8
34.65							
		579	-1518.6	-9043.0	-260.4	-1239.4	-11919.2
10.71							
		568	-9496.4	369.3	-512.4	416.7	-9533.9
-84.72							
		567	-32228.2	-54525.1	-461.9	-32226.2	-54527.1
-0.54							
		578	-625.3	-1565.7	20.4	-624.8	-1566.1
1.24							

		NODE	Vxx	Vyy
Max	Cent		15.7	59.0
		579	13.9	5.2
		568	13.9	190.1
		567	17.5	190.1
		578	17.5	5.2
Min	Cent		-2.9	-9.9
		579	-3.1	-72.5
		568	-3.1	-24.7
		567	-2.8	-24.7
		578	-2.8	-72.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
378	2	23	c mob-a	Max	Cent	12.0	0.1	2.8	12.6	-0.5
12.70										
28.94					10	7.2	3.6	2.8	8.7	2.1
24.19					5	7.2	2.2	2.8	8.4	0.9
10.10					4	17.5	2.2	2.8	18.0	1.6
11.07					9	17.5	3.6	2.8	18.0	3.1
-78.10				Min	Cent	-22.2	-0.1	-4.9	0.9	-23.3
-61.97					10	-8.5	-2.0	-4.9	0.6	-11.1
-57.88					5	-8.5	-3.8	-4.9	-0.8	-11.6
-81.59					4	-36.1	-3.8	-4.9	-3.1	-36.9
-82.03					9	-36.1	-2.0	-4.9	-1.3	-36.8

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	48.4	108.6	45.5	133.1	23.9
61.75								
82.88			10	74.2	958.3	112.2	972.3	60.2
43.70								
			5	13.3	10.0	35.6	47.3	-24.0
62.94								
			4	9.3	62.9	37.0	81.8	-9.6
88.45								
			9	97.2	3107.8	81.4	3110.1	95.0

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-73.26	Min	Cent	-7344.7	-180.0	-2370.0	533.0	-8057.7
-85.39		10	-11561.0	-7.0	-936.8	68.4	-11636.4
-50.56		5	-1792.2	-774.4	-2589.4	1355.7	-3922.3
-36.84		4	-1260.0	-3242.6	-3384.0	1274.9	-5777.5
-83.79		9	-14766.3	-19.4	-1624.1	157.3	-14943.0

		NODE	Vxx	Vyy
Max	Cent		0.1	0.8
	10		0.1	0.1
	5		0.1	10.3
	4		0.1	10.3
	9		0.1	0.1
Min	Cent		-13.9	-1.3
	10		-11.2	-12.2
	5		-11.2	-0.2
	4		-16.7	-0.2
	9		-16.7	-12.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

13.40	c mob-b	Max	Cent	11.6	0.1	2.9	12.3	-0.6
21.58			10	10.6	4.4	2.9	11.7	3.2
17.55			5	10.6	2.3	2.9	11.5	1.4
11.93			4	15.4	2.3	2.9	16.1	1.7
13.85			9	15.4	4.4	2.9	16.2	3.7
-78.15		Min	Cent	-27.2	-0.1	-5.9	1.1	-28.5
-62.23			10	-10.3	-2.2	-5.9	0.9	-13.5
-57.79			5	-10.3	-4.6	-5.9	-0.9	-14.1
-81.71			4	-44.5	-4.6	-5.9	-3.8	-45.4
-82.16			9	-44.5	-2.2	-5.9	-1.4	-45.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

58.86	Max	Cent	39.8	165.8	119.9	238.3	-32.7
76.10		10	63.0	969.0	238.9	1028.1	3.9
46.44		5	11.4	18.5	69.9	84.9	-55.0
76.55		4	8.0	168.7	40.8	178.4	-1.8
86.36		9	80.0	3149.5	196.0	3162.0	67.5
-73.49	Min	Cent	-7449.6	-187.3	-2360.3	512.4	-8149.3
-85.50		10	-11737.7	-6.0	-930.0	67.2	-11811.0
		5	-1810.7	-775.4	-2588.7	1346.9	-3933.0

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-50.65							
	4	-1271.5	-3225.7	-3392.3	1281.6	-5778.8	
-36.97							
	9	-14978.9	-15.8	-1639.7	161.8	-15156.5	
-83.82							

	NODE	Vxx	Vyy
Max	Cent	0.1	0.8
	10	0.1	0.1
	5	0.1	10.3
	4	0.1	10.3
	9	0.1	0.1
Min	Cent	-14.1	-1.6
	10	-11.3	-12.4
	5	-11.3	-0.6
	4	-16.9	-0.6
	9	-16.9	-12.4

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	-25.3	-0.0	-4.9	0.9	-26.2
-79.45		10	-2.3	3.9	-4.9	6.6	-5.0
-61.31		5	-2.3	-4.0	-4.9	1.8	-8.1
-40.15		4	-48.3	-4.0	-4.9	-3.5	-48.8
-83.80		9	-48.3	3.9	-4.9	4.4	-48.8
-84.71							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE						

	Cent	-23205.6	-426.6	-8165.0	2197.7	-25829.9
-72.18	10	-36262.1	3106.8	-3203.4	3365.7	-36521.0
-85.38	5	-5757.1	-2631.0	-8761.9	4706.2	-13094.3
-50.06	4	-4048.6	-11579.0	-11348.4	4142.9	-19770.5
-35.82	9	-46754.4	9396.7	-5789.9	9987.5	-47345.2
-84.17						

	NODE	Vxx	Vyy
	Cent	-44.1	0.0
	10	-35.0	-37.1
	5	-35.0	37.2
	4	-53.2	37.2
	9	-53.2	-37.1

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	1.3	0.0	0.3	1.4	-0.1
12.94		10	0.8	-0.2	0.3	0.9	-0.3
15.66		5	0.8	0.2	0.3	0.9	0.1
24.15							

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10.98	4	1.8	0.2	0.3	1.9	0.2
8.60	9	1.8	-0.2	0.3	1.8	-0.3

ANGLE NODE Mxx Myy Mxy Mmax Mmin

	Cent	-260.4	-1.2	-87.3	25.4	-287.1
-73.02	10	-409.6	33.9	-32.1	36.2	-411.9
-85.88	5	-63.8	-28.2	-94.8	50.5	-142.4
-50.32	4	-44.9	-118.2	-123.2	47.0	-210.1
-36.72	9	-523.4	107.5	-60.5	113.2	-529.2
-84.57						

	NODE	Vxx	Vyy

	Cent	-0.5	-0.0
	10	-0.4	-0.4
	5	-0.4	0.4
	4	-0.6	0.4
	9	-0.6	-0.4

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

	cedime~1	Cent	-38.0	-0.1	-12.3	3.5	-41.6
-73.49		10	-57.7	9.8	-12.3	12.0	-59.8
-79.98		5	-57.7	-10.0	-12.3	-7.0	-60.7
-76.35		4	-18.3	-10.0	-12.3	-1.1	-27.1
-54.30		9	-18.3	9.8	-12.3	14.4	-22.9
-69.37							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Cent	7273.6	609.4	3857.5	9038.8	-1155.8
24.59		10	11068.6	-1054.2	2316.7	11496.2	-1481.9
10.46		5	2007.3	1127.6	3886.4	5478.7	-2343.8
41.77		4	1416.6	5168.2	4780.6	8427.8	-1843.0
55.71		9	14601.9	-2803.8	3210.9	15175.3	-3377.3
10.13							

	NODE	Vxx	Vyy

	Cent	13.7	-2.8
	10	10.5	11.0
	5	10.5	-16.6
	4	16.9	-16.6
	9	16.9	11.0

LC NODE Fxx Fyy Fxy Fmax Fmin

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	perm	Cent	Mxx	Myy	Mxy	Mmax	Mmin
-79.59		10	-15.1	-0.1	-2.9	0.5	-15.7
-58.57		5	-0.8	2.1	-2.9	3.9	-2.6
-38.07		4	-0.8	-2.2	-2.9	1.4	-4.5
-84.05		9	-29.4	-2.2	-2.9	-1.9	-29.7
-84.85		4	-29.4	2.1	-2.9	2.4	-29.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-73.57	Cent	-9072.5	11.2	-2933.7	876.3	-9937.6
-86.34	10	-14267.5	1187.3	-992.6	1250.8	-14331.0
-50.54	5	-2220.8	-961.1	-3213.6	1683.8	-4865.7
-36.88	4	-1559.4	-4006.7	-4201.9	1593.4	-7159.5
-84.91	9	-18242.3	3825.3	-1980.9	4001.8	-18418.7

NODE	Vxx	Vyy
Cent	-17.2	-1.2
10	-13.8	-15.0
5	-13.8	12.7
4	-20.7	12.7
9	-20.7	-15.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-76.30	INV TO~1	Max	Cent	1.0	0.1	1.1	5.3	-0.6
-80.03			10	13.4	17.8	1.1	19.8	7.8
4.79			5	13.4	0.9	1.1	13.5	0.8
81.20			4	-5.8	0.9	1.1	1.0	-6.0
-75.89			9	-5.8	17.8	1.1	20.6	-5.9
32.73		Min	Cent	-89.8	-0.4	-23.2	1.7	-95.5
-61.32			10	-72.4	-0.8	-23.2	5.1	-78.6
-69.66			5	-72.4	-18.5	-23.2	-9.9	-81.0
-76.28			4	-107.8	-18.5	-23.2	-12.8	-113.5
-83.11			9	-107.8	-0.8	-23.2	0.5	-112.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-73.50	Max	Cent	-1733.6	844.5	1085.6	1575.2	-2129.9

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-87.70	10	-3098.7	2495.4	1646.6	2522.3	-3633.1	
-50.60	5	-195.6	191.4	767.2	3503.1	-793.3	
-36.89	4	-130.2	1389.2	633.7	3315.3	-359.8	
-86.27	9	-3509.2	8077.2	1494.6	8189.1	-3756.6	
-79.79	Min	Cent	-19129.5	-241.6	-6133.2	777.7	-20946.3
89.82	10	-30113.5	123.6	-2257.2	123.7	-30275.4	
52.08	5	-4665.2	-2008.0	-6709.4	789.1	-10176.3	
-40.19	4	-3276.0	-8384.2	-8781.5	1520.3	-14975.5	
-87.74	9	-38463.8	995.3	-4194.5	1034.2	-38876.1	

	NODE	Vxx	Vyy
Max	Cent	-3.4	-0.1
	10	-3.1	-3.9
	5	-3.1	26.7
	4	-3.6	26.7
	9	-3.6	-3.9
Min	Cent	-36.3	-6.1
	10	-29.1	-31.8
	5	-29.1	-4.6
	4	-43.5	-4.6
	9	-43.5	-31.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-76.30	INV TO~2	Max	Cent	1.0	0.1	1.1	5.3	-0.6
-80.03			10	13.4	17.8	1.1	19.8	7.8
4.79			5	13.4	0.9	1.1	13.5	0.8
81.20			4	-5.8	0.9	1.1	1.0	-6.0
-75.89			9	-5.8	17.8	1.1	20.6	-5.9
-79.45		Min	Cent	-89.8	-0.4	-23.2	1.2	-95.5
-61.32			10	-72.4	-0.8	-23.2	5.1	-78.6
-69.66			5	-72.4	-18.5	-23.2	-9.9	-81.0
-76.28			4	-107.8	-18.5	-23.2	-12.8	-113.5
-83.11			9	-107.8	-0.8	-23.2	0.5	-112.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-72.18	Max	Cent	-1733.6	844.5	1085.6	2966.9	-2129.9	
-85.38			10	-3098.7	4194.1	1646.6	4543.7	-3633.1
-50.06			5	-195.6	191.4	767.2	6353.3	-793.3
			4	-130.2	1389.2	633.7	5592.9	-359.8

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-35.82								
-84.17			9	-3509.2	12685.6	1494.6	13483.1	-3756.6
-79.79	Min	Cent		-31327.5	-575.9	-11022.7	777.7	-34870.4
89.82			10	-48953.8	123.6	-4324.6	123.7	-49303.4
52.08			5	-7772.1	-3551.8	-11828.5	789.1	-17677.3
-40.19			4	-5465.7	-15631.6	-15320.3	1520.3	-26690.2
-87.74			9	-63118.5	995.3	-7816.3	1034.2	-63916.0

		NODE	Vxx	Vyy
Max	Cent		-3.4	0.1
		10	-3.1	-3.9
		5	-3.1	50.2
		4	-3.6	50.2
		9	-3.6	-3.9
Min	Cent		-59.5	-6.1
		10	-47.2	-50.0
		5	-47.2	-4.6
		4	-71.8	-4.6
		9	-71.8	-50.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
379	2	23	c mob-a	Max	Cent	49.0	0.3	11.1	51.5	-2.1	
12.27						15	58.3	3.1	11.1	60.4	1.0
10.99						10	58.3	11.6	11.1	60.8	9.1
12.74						9	39.9	11.6	11.1	43.8	7.8
19.08						14	39.9	3.1	11.1	43.0	0.0
15.59				Min	Cent	-33.6	-1.4	-3.0	-1.1	-33.9	
-84.77						15	-41.9	-14.4	-3.0	-14.0	-42.2
-83.90						10	-41.9	-2.6	-3.0	-2.4	-42.1
-85.69						9	-25.5	-2.6	-3.0	-2.2	-25.9
-82.73						14	-25.5	-14.4	-3.0	-13.6	-26.3
-75.98											
				NODE	Mxx	Myy	Mxy	Mmax	Mmin		
47.04				Max	Cent	26.5	564.4	3766.6	4071.6	-3480.8	
37.08						15	1869.4	14.1	3269.1	4339.9	-2456.4
51.38						10	75.2	1269.1	2637.8	3376.6	-2032.3
57.62						9	88.9	3380.2	3490.5	5593.6	-2124.4
29.99						14	4780.3	15.5	4123.6	7160.3	-2364.4
-88.00				Min	Cent	-4436.3	-3.7	-155.2	1.7	-4441.7	

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-10.21	15	-33.6	-977.0	-175.6	-2.0	-1008.6
-88.98	10	-10526.7	-13.9	-187.2	-10.6	-10530.0
-89.43	9	-13858.6	-21.9	-138.0	-20.5	-13859.9
-5.58	14	-35.9	-1417.9	-136.3	-22.5	-1431.2

	NODE	Vxx	Vyy
Max	Cent	18.0	0.0
	15	14.2	5.2
	10	14.2	0.1
	9	21.8	0.1
	14	21.8	5.2
Min	Cent	-0.1	-3.5
	15	-0.1	-0.1
	10	-0.1	-12.2
	9	-0.1	-12.2
	14	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
12.61	c mob-b	Max	Cent	45.8	0.5	10.7	48.2	-1.9
11.63			15	54.5	4.7	10.7	56.7	2.5
13.13			10	54.5	11.1	10.7	57.0	8.6
19.66			9	37.2	11.1	10.7	41.1	7.3
16.67			14	37.2	4.7	10.7	40.4	1.5
-84.01		Min	Cent	-45.2	-1.3	-4.7	-0.8	-45.7
-83.81			15	-56.2	-13.8	-4.7	-13.2	-56.7
-84.94			10	-56.2	-4.0	-4.7	-3.6	-56.6
-81.51			9	-34.5	-4.0	-4.7	-3.3	-35.2
-77.91			14	-34.5	-13.8	-4.7	-12.8	-35.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
47.02	Max	Cent	21.3	577.8	3935.0	4244.4	-3645.3
37.35		15	1898.7	17.9	3437.3	4521.9	-2605.3
51.19		10	63.1	1293.9	2805.7	3550.9	-2193.9
57.34		9	73.4	3421.2	3642.9	5756.4	-2261.8
30.30		14	4833.1	15.3	4275.4	7331.5	-2483.1
-86.91	Min	Cent	-4512.5	-3.2	-244.1	10.0	-4525.7
-14.27		15	-51.4	-995.2	-256.6	13.9	-1060.5
-88.56		10	-10655.8	-14.7	-266.8	-8.0	-10662.5
		9	-14073.3	-17.9	-217.5	-14.6	-14076.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.11
-8.55

	NODE	Vxx	Vyy
Max	Cent	18.2	0.0
	15	14.3	5.2
	10	14.3	0.1
	9	22.1	0.1
	14	22.1	5.2
Min	Cent	-0.1	-3.6
	15	-0.1	-0.1
	10	-0.1	-12.4
	9	-0.1	-12.4
	14	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.88	pp	Cent	61.1	-3.7	26.9	70.8	-13.4
13.97		15	64.4	-37.2	26.9	71.1	-43.9
28.68		10	64.4	29.8	26.9	79.1	15.1
31.27		9	57.8	29.8	26.9	74.2	13.5
14.77		14	57.8	-37.2	26.9	64.9	-44.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.03	Cent	-13991.5	1570.3	10688.2	7009.9	-19431.0
31.35	15	6461.8	-2952.5	9122.4	12019.9	-8510.6
79.54	10	-33721.6	3868.9	7187.0	5196.1	-35048.9
79.90	9	-43702.2	10312.4	9936.6	12082.3	-45472.2
24.99	14	14996.1	-4947.5	11872.0	20528.5	-10479.9

NODE	Vxx	Vyy
Cent	57.3	-9.6
15	45.8	17.9
10	45.8	-37.1
9	68.7	-37.1
14	68.7	17.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.70	vento -y	Cent	4.8	-0.1	0.8	4.9	-0.2
6.60		15	5.5	-1.1	0.8	5.6	-1.2
9.12		10	5.5	0.8	0.8	5.7	0.7
12.62		9	4.1	0.8	0.8	4.3	0.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.31		14	4.1	-1.1	0.8	4.2	-1.2
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

62.57		Cent	-153.8	19.1	122.9	82.9	-217.6
31.18		15	76.2	-33.4	104.7	139.5	-96.8
79.14		10	-377.3	43.6	83.8	59.6	-393.4
79.66		9	-490.0	117.5	114.7	138.5	-510.9
25.04		14	175.7	-51.2	135.6	239.1	-114.5
		NODE	Vxx	Vyy			

		Cent	0.6	-0.1			
		15	0.5	0.2			
		10	0.5	-0.4			
		9	0.8	-0.4			
		14	0.8	0.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

53.47	cedime~1	Cent	-12.5	0.5	21.3	16.3	-28.4
40.91		15	-10.4	-16.5	21.3	8.1	-35.0
61.52		10	-10.4	17.4	21.3	29.0	-21.9
63.49		9	-14.7	17.4	21.3	28.1	-25.4
43.83		14	-14.7	-16.5	21.3	5.8	-37.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-13.26		Cent	3942.6	-491.6	-1105.9	4203.1	-752.1
-82.35		15	-3617.8	682.0	-588.0	761.0	-3696.7
-1.29		10	11503.6	-923.7	-279.2	11509.9	-930.0
-3.99		9	13230.8	-3215.2	-1151.8	13311.1	-3295.4
-78.43		14	-5346.2	1490.5	-1460.6	1789.4	-5645.2
		NODE	Vxx	Vyy			

		Cent	-19.3	2.9			
		15	-16.9	-5.2			
		10	-16.9	11.0			
		9	-21.7	11.0			
		14	-21.7	-5.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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35.07          perm          Cent          3.6          -1.0          6.4          8.1          -5.5
26.26                                15          0.1          -9.8          6.4          3.2          -12.9
60.49                                10          0.1          7.7          6.4          11.3          -3.6
46.26                                9          7.2          7.7          6.4          13.8          1.0
18.54                                14          7.2          -9.8          6.4          9.3          -11.9

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ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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61.87          Cent          -5397.1          702.2          4566.4          3143.7          -7838.6
32.51                                15          2476.8          -1198.5          3945.7          4991.8          -3713.5
78.28                                10          -13018.4          1562.0          3159.3          2217.2          -13673.5
79.15                                9          -17113.7          4163.9          4235.1          4975.9          -17925.7
26.11                                14          6066.8          -1718.5          5021.5          8527.7          -4179.4

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	NODE	Vxx	Vyy
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	Cent	22.4	-4.4
	15	17.7	6.3
	10	17.7	-15.0
	9	27.1	-15.0
	14	27.1	6.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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28.11          INV TO~1  Max  Cent          69.8          0.1          42.8          80.1          -6.4
22.05                                15          78.7          -3.4          42.8          85.7          -8.6
36.06                                10          78.7          40.8          42.8          99.5          16.1
43.15                                9          61.1          40.8          42.8          86.4          13.7
16.81                                14          61.1          -3.4          42.8          67.5          -9.8
89.88          Min  Cent          -69.9          -2.9          0.1          -2.9          -76.2
66.66                                15          -86.1          -45.6          0.1          -36.4          -95.4
89.92                                10          -86.1          2.3          0.1          2.3          -90.3
89.84                                9          -54.1          2.3          0.1          2.3          -59.9
89.36                                14          -54.1          -45.6          0.1          -29.1          -71.7

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ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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48.91          Max  Cent          -1418.8          1482.3          9878.7          8641.1          -8653.0
35.05                                15          5040.0          -492.3          8586.0          11063.7          -4435.3

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

52.95			10	-1413.3	3308.8	6947.0	7418.9	-6447.1
72.31			9	-3762.8	8782.5	9153.0	11702.0	-8359.6
28.25			14	12591.5	-207.1	10793.2	18390.6	-4299.0
70.53	Min	Cent		-11489.0	205.6	3131.0	1312.2	-12817.3
41.92			15	-1210.3	-2542.1	3011.3	1493.5	-7590.1
81.52			10	-27403.8	618.5	2519.9	994.4	-27672.0
83.40			9	-36112.7	919.2	2789.7	1241.8	-36495.0
33.37			14	672.2	-3632.6	3274.5	2829.1	-7496.6

		NODE	Vxx	Vyy
Max	Cent		47.0	-1.4
		15	37.0	13.3
		10	37.0	-3.9
		9	56.9	-3.9
		14	56.9	13.3
Min	Cent		2.9	-9.3
		15	0.6	1.0
		10	0.6	-31.8
		9	5.2	-31.8
		14	5.2	1.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.88	INV TO~2	Max	Cent	82.5	0.1	42.8	95.6	-6.4
13.97			15	86.9	-3.4	42.8	95.9	-8.6
28.68			10	86.9	40.8	42.8	106.8	20.4
31.27			9	78.1	40.8	42.8	100.1	18.2
14.77			14	78.1	-3.4	42.8	87.7	-9.8
89.88		Min	Cent	-69.9	-5.0	0.1	-2.9	-76.2
66.66			15	-86.1	-50.2	0.1	-36.4	-95.4
89.92			10	-86.1	2.3	0.1	2.3	-90.3
89.84			9	-54.1	2.3	0.1	2.3	-59.9
89.36			14	-54.1	-50.2	0.1	-29.1	-71.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.03		Max	Cent	-1418.8	2119.9	14429.1	9463.3	-8653.0
31.35			15	8723.4	-492.3	12315.2	16226.8	-4435.3
52.95			10	-1413.3	5223.0	9702.5	7418.9	-6447.1
79.90			9	-3762.8	13921.7	13414.4	16311.1	-8359.6
			14	20244.7	-207.1	16027.1	27713.5	-4299.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

24.99								
	Min	Cent	-18888.5	205.6	3131.0	1312.2	-26231.9	
70.53								
		15	-1210.3	-3985.8	3011.3	1493.5	-11489.3	
41.92								
		10	-45524.2	618.5	2519.9	994.4	-47316.0	
81.52								
		9	-58998.0	919.2	2789.7	1241.8	-61387.4	
83.40								
		14	672.2	-6679.2	3274.5	2829.1	-14147.9	
33.37								

		NODE	Vxx	Vyy
Max	Cent		77.3	-1.4
		15	61.9	24.2
		10	61.9	-3.9
		9	92.7	-3.9
		14	92.7	24.2
Min	Cent		2.9	-12.9
		15	0.6	1.0
		10	0.6	-50.0
		9	5.2	-50.0
		14	5.2	1.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
416	2	23	c mob-a	Max	Cent	2999.3	0.1	13.5	2999.4	-0.0
	0.26									
	0.27				200	2913.9	6.6	13.5	2913.9	6.5
	0.27				195	2913.9	19.2	13.5	2913.9	19.1
	0.25				194	3116.2	19.2	13.5	3116.2	19.1
	0.25				199	3116.2	6.6	13.5	3116.2	6.5
				Min	Cent	-13.7	-1.5	-7.2	1.8	-17.0
-65.08					200	-13.3	-22.1	-7.2	-9.3	-26.1
-29.28					195	-13.3	-7.0	-7.2	-2.3	-18.0
-56.89					194	-14.1	-7.0	-7.2	-2.5	-18.6
-58.19					199	-14.1	-22.1	-7.2	-9.9	-26.3
-30.46										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	2554.3	121.2	1937.0	3625.2	-949.6
28.93					200	3083.9	236.1	1850.4	3994.9	-674.9
26.21					195	2150.8	170.4	1831.5	3242.7	-921.4
30.80					194	2259.0	197.5	1830.7	3329.2	-872.7
30.31					199	3333.4	742.4	1849.6	4296.1	-220.3
27.50				Min	Cent	-9.3	-78.5	-2493.5	2449.8	-2537.6
-44.60					200	-45.1	-206.6	-2392.4	2267.9	-2519.5
-44.03										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.30	195	-267.6	-218.6	-2353.0	2110.0	-2596.2
-43.90	194	-69.2	-248.6	-2340.6	2183.5	-2501.2
-42.76	199	-9.4	-382.6	-2380.0	2191.3	-2583.3

	NODE	Vxx	Vyy
Max	Cent	1.3	0.7
	200	1.7	1.4
	195	1.7	0.9
	194	1.4	0.9
	199	1.4	1.4
Min	Cent	-0.5	-1.0
	200	-0.7	-2.7
	195	-0.7	-0.7
	194	-0.5	-0.7
	199	-0.5	-2.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.20	c mob-b	Max	Cent	3455.1	0.1	12.3	3455.1	0.1
0.21			200	3376.3	10.4	12.3	3376.4	10.4
0.21			195	3376.3	17.6	12.3	3376.4	17.6
0.20			194	3545.7	17.6	12.3	3545.7	17.6
0.20			199	3545.7	10.4	12.3	3545.7	10.4
-55.21		Min	Cent	-9.6	-1.7	-10.7	5.8	-17.1
-31.47			200	-9.8	-20.8	-10.7	-3.2	-27.3
-43.76			195	-9.8	-10.7	-10.7	0.5	-21.0
-43.75			194	-9.8	-10.7	-10.7	0.5	-21.0
-31.47			199	-9.8	-20.8	-10.7	-3.2	-27.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
28.83	Max	Cent	2998.3	144.9	2253.9	4239.1	-1095.9	
26.39		200	3533.9	265.5	2152.1	4601.9	-802.5	
29.57		195	2744.8	202.8	2127.3	3951.9	-1004.3	
29.63		194	2772.4	241.7	2127.3	3982.3	-968.1	
27.44		199	3917.5	890.4	2152.0	5034.9	-227.0	
-44.54		Min	Cent	-6.8	-96.6	-2797.3	2746.0	-2849.4
-44.14			200	-79.4	-240.6	-2685.3	2526.5	-2846.4
-44.97			195	-235.6	-242.0	-2639.8	2401.1	-2878.6
-43.69			194	-55.5	-295.2	-2626.9	2454.3	-2805.0
			199	-15.7	-467.5	-2672.3	2440.2	-2923.3

PROJECT TITLE :

	Company		Client	
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-42.58

	NODE	Vxx	Vyy
Max	Cent	1.4	0.8
	200	1.8	1.7
	195	1.8	1.0
	194	1.7	1.0
	199	1.7	1.7
Min	Cent	-0.7	-1.2
	200	-0.9	-3.3
	195	-0.9	-0.9
	194	-0.6	-0.9
	199	-0.6	-3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.13	pp	Cent	6937.5	-1.9	-15.2	6937.5	-1.9
-0.13		200	6535.0	3.8	-15.2	6535.0	3.8
-0.13		195	6535.0	-7.6	-15.2	6535.0	-7.6
-0.12		194	7339.9	-7.6	-15.2	7339.9	-7.6
-0.12		199	7339.9	3.8	-15.2	7339.9	3.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-2.84	Cent	5589.5	-307.0	-293.1	5604.0	-321.5
-3.14	200	5573.3	86.0	-301.6	5589.8	69.5
-2.30	195	5753.8	-77.2	-234.4	5763.2	-86.6
-1.99	194	6006.6	-112.4	-213.1	6014.0	-119.8
-2.60	199	5024.2	-1124.3	-280.3	5037.0	-1137.0

	NODE	Vxx	Vyy
	Cent	-0.4	2.3
	200	-0.2	4.1
	195	-0.2	0.4
	194	-0.6	0.4
	199	-0.6	4.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.46	vento -y	Cent	32.1	-0.0	0.3	32.1	-0.0
0.62		200	23.6	-0.5	0.3	23.6	-0.5
0.64		195	23.6	0.4	0.3	23.6	0.4
0.37		194	40.6	0.4	0.3	40.6	0.4
0.36		199	40.6	-0.5	0.3	40.6	-0.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
68.29		Cent	-77.4	0.2	36.7	14.8	-92.0
68.83		200	-79.4	-2.9	34.9	10.6	-92.9
68.97		195	-75.9	2.4	35.3	16.0	-89.5
70.21		194	-86.2	0.2	35.7	13.1	-99.0
67.21		199	-68.1	0.9	35.2	15.8	-82.9

NODE	Vxx	Vyy
Cent	0.0	-0.0
200	-0.0	-0.0
195	-0.0	-0.0
194	0.0	-0.0
199	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.98	cedime~1	Cent	-1127.6	0.5	-0.3	0.5	-1127.6
-89.98		200	-1171.4	2.7	-0.3	2.7	-1171.4
-89.98		195	-1171.4	-1.7	-0.3	-1.7	-1171.4
-89.98		194	-1083.9	-1.7	-0.3	-1.7	-1083.9
-89.98		199	-1083.9	2.7	-0.3	2.7	-1083.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
68.90		Cent	-677.6	-14.8	300.5	101.1	-793.5
73.55		200	-925.1	-22.3	291.9	63.9	-1011.3
63.70		195	-419.3	22.3	288.8	165.0	-562.0
66.56		194	-508.6	24.0	284.4	147.3	-631.9
71.69		199	-857.2	-83.4	287.5	11.7	-952.3

NODE	Vxx	Vyy
Cent	-0.4	0.1
200	-0.4	0.3
195	-0.4	-0.1
194	-0.3	-0.1
199	-0.3	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	2506.0	-0.6	-8.3	2506.1	-0.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.19		200	2407.7	5.1	-8.3	2407.7	5.1
-0.20		195	2407.7	-6.3	-8.3	2407.7	-6.4
-0.20		194	2604.4	-6.3	-8.3	2604.4	-6.4
-0.18		199	2604.4	5.1	-8.3	2604.4	5.1
-0.18							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----		Cent	1992.3	-28.0	-225.6	2017.2	-52.9
-6.29		200	2004.5	39.5	-221.2	2029.1	14.9
-6.35		195	1989.9	-31.7	-205.0	2010.5	-52.3
-5.73		194	2142.7	103.0	-197.9	2161.7	84.0
-5.49		199	1832.1	-223.0	-214.2	1854.1	-245.1
-5.89							

	NODE	Vxx	Vyy
-----	Cent	-0.1	0.2
	200	-0.0	0.8
	195	-0.0	-0.3
	194	-0.2	-0.3
	199	-0.2	0.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-----		INV TO~1	Max	Cent	7170.4	0.1	9.9	7170.4	0.1
0.08				200	6965.8	22.0	9.9	6965.8	22.0
0.08				195	6965.8	19.5	9.9	6965.8	19.5
0.08				194	7391.0	19.5	9.9	7391.0	19.5
0.08				199	7391.0	22.0	9.9	7391.0	22.0
0.08			Min	Cent	1359.9	-2.8	-23.1	1360.3	-3.0
-0.97				200	1218.3	-24.7	-23.1	1218.8	-24.9
-1.07				195	1218.3	-22.5	-23.1	1218.8	-23.0
-1.07				194	1501.5	-22.5	-23.1	1501.8	-22.9
-0.87				199	1501.5	-24.7	-23.1	1501.8	-24.9
-0.87									

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----		Max	Cent	6040.0	167.5	3117.7	7172.9	-965.4
21.91				200	6775.2	397.9	2976.0	-581.4
20.04				195	5695.4	264.4	2955.7	-845.3
22.18								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.21		194	5885.5	453.3	2958.3	6977.4	-662.6
20.61		199	7120.7	979.1	2978.6	8133.0	-33.2
-39.36	Min	Cent	1302.2	-173.3	-4001.9	4338.7	-3231.7
-39.90		200	972.2	-307.6	-3846.3	3943.8	-3279.2
-38.74		195	1209.4	-358.4	-3768.8	4001.4	-3262.4
-37.66		194	1540.7	-295.5	-3744.3	4211.2	-3046.6
-37.51		199	953.7	-937.5	-3821.7	3666.6	-3650.4

	NODE	Vxx	Vyy
Max	Cent	1.8	1.5
	200	2.5	3.5
	195	2.5	1.0
	194	2.1	1.0
	199	2.1	3.5
Min	Cent	-1.4	-1.4
	200	-1.7	-3.6
	195	-1.7	-1.6
	194	-1.2	-1.6
	199	-1.2	-3.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-0.13	INV TO~2	Max	Cent	9365.6	0.1	9.9	9365.6	0.1
-0.13			200	8822.2	22.0	9.9	8822.3	22.0
-0.13			195	8822.2	19.5	9.9	8822.3	19.5
-0.12			194	9908.9	19.5	9.9	9908.9	19.5
-0.12			199	9908.9	22.0	9.9	9908.9	22.0
-0.97		Min	Cent	1359.9	-2.8	-23.1	1360.3	-3.0
-1.07			200	1218.3	-24.7	-23.1	1218.8	-24.9
-1.07			195	1218.3	-22.5	-23.1	1218.8	-23.0
-0.87			194	1501.5	-22.5	-23.1	1501.8	-22.9
-0.87			199	1501.5	-24.7	-23.1	1501.8	-24.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-2.84	Max	Cent	7545.8	167.5	3117.7	7565.4	-434.0	
20.04			200	7524.0	397.9	2976.0	93.8	
-2.30			195	7767.6	264.4	2955.7	-116.9	
-1.99			194	8109.0	453.3	2958.3	8119.0	-161.8
20.61			199	7120.7	979.1	2978.6	8133.0	-33.2
	Min	Cent	1302.2	-414.4	-4001.9	4338.7	-3231.7	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-39.36		200	972.2	-307.6	-3846.3	3943.8	-3279.2
-39.90		195	1209.4	-358.4	-3768.8	4001.4	-3262.4
-38.74		194	1540.7	-295.5	-3744.3	4211.2	-3046.6
-37.66		199	953.7	-1517.8	-3821.7	3666.6	-3650.4
-37.51							

	NODE	Vxx	Vyy
Max	Cent	1.8	3.1
	200	2.5	5.5
	195	2.5	1.0
	194	2.1	1.0
	199	2.1	5.5
Min	Cent	-1.4	-1.4
	200	-1.7	-3.6
	195	-1.7	-1.6
	194	-1.2	-1.6
	199	-1.2	-3.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
417	2	23	c mob-a	Max	Cent	3144.5	3.7	32.1	3144.8	3.3
	0.59				207	3122.7	3.9	32.1	3123.0	3.6
	0.59				200	3122.7	31.0	32.1	3123.0	30.7
	0.60				199	3190.2	31.0	32.1	3190.5	30.7
	0.58				206	3190.2	3.9	32.1	3190.5	3.6
	0.58			Min	Cent	-13.8	-0.7	-1.6	-0.5	-14.0
-82.97					207	-13.4	-24.8	-1.6	-13.2	-25.0
-7.99					200	-13.4	-3.1	-1.6	-2.8	-13.6
-81.20					199	-14.3	-3.1	-1.6	-2.8	-14.5
-81.86					206	-14.3	-24.8	-1.6	-14.0	-25.1
-8.63										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	2794.3	262.4	1862.6	3780.4	-723.8
27.90					207	4288.6	337.7	1349.1	4705.3	-79.0
17.17					200	3837.6	311.7	1943.7	4698.7	-549.4
23.90					199	3451.1	782.9	2013.5	4532.4	-298.4
28.24					206	3887.0	1337.5	1416.8	4518.1	706.4
24.01				Min	Cent	-12.2	-470.7	-2472.4	2241.6	-2724.4
-42.35					207	-2030.1	-475.1	-2214.3	1094.2	-3599.4
-54.67					200	-191.8	-277.5	-2409.6	2175.4	-2644.7
-44.49										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.87	199	-26.3	-389.2	-2432.4	2231.4	-2646.9
-36.40	206	-1090.7	-2475.0	-2234.8	556.7	-4122.4

	NODE	Vxx	Vyy
Max	Cent	2.3	3.2
	207	3.0	9.1
	200	3.0	1.4
	199	2.1	1.4
	206	2.1	9.1
Min	Cent	-3.2	-1.8
	207	-4.1	-5.0
	200	-4.1	-2.7
	199	-2.4	-2.7
	206	-2.4	-5.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.51	c mob-b	Max	Cent	3577.7	4.0	31.8	3577.9	3.7
0.51			207	3572.5	6.3	31.8	3572.7	6.0
0.51			200	3572.5	29.9	31.8	3572.7	29.6
0.51			199	3609.8	29.9	31.8	3610.1	29.6
0.51			206	3609.8	6.3	31.8	3610.1	6.0
-75.20		Min	Cent	-9.9	-1.0	-2.5	-0.3	-10.5
-10.54			207	-10.1	-23.2	-2.5	-9.6	-23.7
-66.45			200	-10.1	-5.4	-2.5	-4.3	-11.2
-66.00			199	-9.9	-5.4	-2.5	-4.2	-11.1
-10.44			206	-9.9	-23.2	-2.5	-9.5	-23.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
29.32	Max	Cent	2954.7	323.2	2158.1	4166.5	-888.6	
18.76		207	4590.7	407.1	1605.9	5136.1	-138.3	
23.45		200	4560.0	368.6	2240.1	5531.8	-603.3	
28.08		199	4022.4	924.8	2310.0	5254.8	-307.5	
28.35		206	3844.0	1645.7	1672.8	4746.4	743.2	
-42.12		Min	Cent	-9.1	-570.4	-2782.8	2507.1	-3086.6
-54.57			207	-2276.1	-571.5	-2457.0	1176.9	-4024.4
-44.53			200	-235.2	-324.3	-2721.3	2441.9	-3001.4
-42.81			199	-61.4	-483.5	-2757.6	2493.2	-3038.1
-35.05			206	-1174.5	-2976.6	-2490.3	572.8	-4723.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy
Max	Cent		2.4	3.9
		207	3.3	11.0
		200	3.3	1.7
		199	2.0	1.7
		206	2.0	11.0
Min	Cent		-3.8	-2.2
		207	-4.9	-6.1
		200	-4.9	-3.3
		199	-2.9	-3.3
		206	-2.9	-6.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.33	pp	Cent	7031.9	2.4	40.7	7032.1	2.2
0.35		207	6691.7	-27.3	40.7	6691.9	-27.6
0.35		200	6691.7	32.2	40.7	6691.9	31.9
0.32		199	7372.1	32.2	40.7	7372.3	32.0
0.32		206	7372.1	-27.3	40.7	7372.3	-27.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.95		Cent	7057.1	236.2	-112.5	7058.9	234.4
1.87		207	9554.4	300.9	303.1	9564.3	291.0
-3.52		200	4817.2	-140.8	-306.3	4836.1	-159.6
-3.26		199	4859.5	-1173.7	-345.2	4879.2	-1193.4
2.15		206	8997.3	1958.5	264.3	9007.2	1948.6

		NODE	Vxx	Vyy
		Cent	3.4	-1.5
		207	4.0	-7.2
		200	4.0	4.1
		199	2.8	4.1
		206	2.8	-7.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.33	vento -y	Cent	36.6	0.1	0.8	36.6	0.0
1.60		207	29.6	-0.7	0.8	29.6	-0.7
1.69		200	29.6	0.8	0.8	29.6	0.8
1.14		199	43.5	0.8	0.8	43.5	0.8
1.10		206	43.5	-0.7	0.8	43.5	-0.7

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	Vxx	Vyy	Fxx	Fyy	Fxy	Fmax	Fmin
61.72	-51.6	-0.5	38.7	20.3	-72.4			
60.78	207	-47.5	-4.3	35.1	15.3	-67.1		
64.72	200	-56.3	4.1	36.7	21.4	-73.7		
66.77	199	-72.0	-0.2	37.8	16.0	-88.2		
55.86	206	-30.4	-1.6	36.2	22.9	-55.0		

NODE Vxx Vyy

Cent	0.0	0.0
207	0.0	0.0
200	0.0	-0.0
199	0.0	-0.0
206	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.69	cedime~1	Cent	-1152.8	-1.5	-6.3	-1.5	-1152.9
-89.70		207	-1210.8	1.8	-6.3	1.8	-1210.9
-89.70		200	-1210.8	-4.8	-6.3	-4.8	-1210.9
-89.67		199	-1094.8	-4.8	-6.3	-4.8	-1094.9
-89.67		206	-1094.8	1.8	-6.3	1.8	-1094.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
61.18	Cent	-389.4	31.1	331.7	213.6	-571.9
44.51	207	-1.7	-13.2	332.4	325.0	-340.0
71.69	200	-771.2	23.9	295.4	121.7	-869.0
71.40	199	-906.4	-98.2	306.8	5.1	-1009.6
48.74	206	121.7	211.9	343.8	513.5	-179.9

NODE Vxx Vyy

Cent	0.7	-0.2
207	0.7	-0.7
200	0.7	0.3
199	0.8	0.3
206	0.8	-0.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.24	perm	Cent	2511.7	0.9	10.6	2511.7	0.8
		207	2427.0	-5.1	10.6	2427.1	-5.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.25							
		200	2427.0	6.8	10.6	2427.1	6.8
0.25							
		199	2596.4	6.8	10.6	2596.4	6.8
0.23							
		206	2596.4	-5.1	10.6	2596.4	-5.1
0.23							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	2262.9	152.6	-182.5	2278.5	136.9
-4.91							
		207	2943.9	127.2	-7.5	2943.9	127.2
-0.15							
		200	1643.2	-68.9	-242.6	1676.9	-102.6
-7.91							
		199	1796.0	-233.8	-266.6	1830.4	-268.2
-7.36							
		206	2668.3	785.7	-31.5	2668.9	785.2
-0.96							

		NODE	Vxx	Vyy
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		Cent	0.8	-1.0
		207	1.1	-2.9
		200	1.1	0.8
		199	0.5	0.8
		206	0.5	-2.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~1	Max	Cent	7341.5	6.2	54.0	7341.9	5.8
0.42								
			207	7249.8	5.2	54.0	7250.2	4.9
0.43								
			200	7249.8	48.7	54.0	7250.2	48.3
0.43								
			199	7469.6	48.7	54.0	7470.0	48.3
0.42								
			206	7469.6	5.2	54.0	7470.0	4.9
0.41								
		Min	Cent	1340.2	-1.9	0.8	1340.2	-1.9
0.04								
			207	1198.1	-38.6	0.8	1198.1	-38.6
0.04								
			200	1198.1	-5.2	0.8	1198.1	-5.2
0.04								
			199	1482.2	-5.2	0.8	1482.2	-5.2
0.03								
			206	1482.2	-38.6	0.8	1482.2	-38.6
0.03								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6251.6	620.0	3062.7	7354.0	-513.5
21.98								
			207	9141.4	676.8	2492.9	9818.5	157.2
15.23								
			200	7799.2	452.6	3077.0	8731.1	-503.2
18.52								
			199	7226.2	1014.7	3158.7	8337.0	-96.1
21.28								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

23.43			206	8037.5	3219.3	2570.5	9151.4	2147.8
-35.65	Min	Cent		1857.0	-617.5	-3939.3	4444.1	-3377.0
-42.48			207	-130.5	-657.5	-3324.5	2609.7	-3721.0
-40.92			200	554.5	-506.8	-3916.3	3693.6	-3622.0
-38.16			199	806.7	-984.7	-3989.3	3700.9	-3878.9
-27.64			206	1082.7	-3232.7	-3393.5	2801.8	-5096.3

		NODE	Vxx	Vyy
Max	Cent		4.8	4.2
		207	6.2	12.0
		200	6.2	3.5
		199	4.1	3.5
		206	4.1	12.0
Min	Cent		-4.4	-4.2
		207	-5.6	-11.9
		200	-5.6	-3.6
		199	-3.4	-3.6
		206	-3.4	-11.9

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.33	INV TO~2	Max	Cent	9493.1	6.2	55.0	9493.4	5.8	
0.35				207	9033.8	5.2	55.0	9034.1	4.9
0.35				200	9033.8	48.7	55.0	9034.1	48.3
0.32				199	9952.4	48.7	55.0	9952.7	48.3
0.32				206	9952.4	5.2	55.0	9952.7	4.9
0.04		Min	Cent	1340.2	-1.9	0.8	1340.2	-1.9	
0.04				207	1198.1	-38.6	0.8	1198.1	-38.6
0.04				200	1198.1	-5.2	0.8	1198.1	-5.2
0.03				199	1482.2	-5.2	0.8	1482.2	-5.2
0.03				206	1482.2	-38.6	0.8	1482.2	-38.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-0.95		Max	Cent	9527.1	620.0	3062.7	9529.6	316.4	
1.87				207	12898.4	676.8	2492.9	12911.8	392.8
18.52				200	7799.2	452.6	3077.0	8731.1	-215.5
21.28				199	7226.2	1014.7	3158.7	8337.0	-96.1
2.15				206	12146.3	3219.3	2570.5	12159.7	2630.6
-35.65		Min	Cent	1857.0	-617.5	-3939.3	4444.1	-3377.0	
				207	-130.5	-657.5	-3324.5	2609.7	-3721.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.48							
	200	554.5	-506.8	-3916.3	3693.6	-3622.0	
-40.92							
	199	806.7	-1584.5	-3989.3	3700.9	-3878.9	
-38.16							
	206	1082.7	-3232.7	-3393.5	2801.8	-5096.3	
-27.64							

	NODE	Vxx	Vyy
Max	Cent	4.8	4.2
	207	6.2	12.0
	200	6.2	5.5
	199	4.1	5.5
	206	4.1	12.0
Min	Cent	-4.4	-4.2
	207	-5.6	-11.9
	200	-5.6	-3.6
	199	-3.4	-3.6
	206	-3.4	-11.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
456	2	14	c mob-a	Max	Cent	39.9	0.3	19.1	47.6	-7.4
21.96					569	53.9	12.6	19.1	61.4	5.1
21.37					559	53.9	15.1	19.1	61.7	7.3
22.27					558	29.7	15.1	19.1	42.9	2.0
34.52					568	29.7	12.6	19.1	42.1	0.2
32.90				Min	Cent	-67.9	-2.1	-13.1	0.4	-70.4
-79.13					569	-71.8	-16.0	-13.1	-13.1	-74.8
-77.42					559	-71.8	-16.0	-13.1	-13.1	-74.8
-77.41					558	-64.2	-16.0	-13.1	-12.7	-67.6
-75.72					568	-64.2	-16.0	-13.1	-12.6	-67.5
-75.73										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	41.6	447.3	42.8	451.8	37.1
84.04					569	279.8	363.2	100.7	430.5	212.5
56.26					559	1478.0	3.5	48.6	1479.6	1.9
1.89					558	2838.6	24.0	30.9	2838.9	23.7
0.63					568	208.8	3192.8	52.3	3193.7	207.9
89.00				Min	Cent	-1389.6	-20.9	-1887.3	1302.3	-2712.7
-54.97					569	-3822.4	-3.5	-1277.8	384.6	-4210.5
-73.10					559	-229.8	-355.3	-1567.7	1276.4	-1861.5
-43.85					558	-138.3	-1554.7	-2039.1	1312.1	-3005.1
-35.42										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Max	Cent	0.7	0.1
	569	1.1	0.0
	559	1.1	7.4
	558	0.5	7.4
	568	0.5	0.0
Min	Cent	-8.5	-4.4
	569	-6.3	-14.5
	559	-6.3	-0.0
	558	-10.8	-0.0
	568	-10.8	-14.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	pp	Cent	-59.5	-3.3	-28.1	8.4	-71.1
-67.51		569	-66.7	27.1	-28.1	34.9	-74.4
-74.53		559	-66.7	-33.6	-28.1	-17.6	-82.7
-60.21		558	-52.3	-33.6	-28.1	-13.4	-72.6
-54.19		568	-52.3	27.1	-28.1	36.1	-61.3
-72.36							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-1556.5	479.3	-2476.4	2138.8	-3216.0
-56.17	569	-3048.0	476.7	-1652.1	1130.0	-3701.3
-68.43	559	4.7	-456.4	-2141.0	1927.5	-2379.2
-41.93	558	1842.6	-2489.3	-2714.0	3149.0	-3795.7
-25.70	568	-5025.5	4386.1	-2225.1	4885.6	-5525.0
-77.35						

NODE	Vxx	Vyy	
-----	Cent	-6.7	-3.8
	569	-3.6	-17.7
	559	-3.6	10.2
	558	-9.7	10.2
	568	-9.7	-17.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	2.6	-0.0	1.2	3.1	-0.5
21.67		569	3.1	-1.0	1.2	3.5	-1.4
15.31		559	3.1	1.0	1.2	3.7	0.4
24.45		558	2.0	1.0	1.2	2.9	0.2
33.36		568	2.0	-1.0	1.2	2.5	-1.4
19.36							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
57.63          Cent      -32.3      -7.4      26.3      9.2      -48.9
80.27          569      -130.9     -2.8      22.6      1.1      -134.7
21.52          559       65.8       2.6      29.5      77.5      -9.0
27.44          558       66.8      27.4      28.0      81.4      12.9
75.10          568      -130.8     -57.1     21.1     -51.4     -136.4
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      -0.2      0.1
          569      -0.2      0.2
          559      -0.2     -0.1
          558      -0.2     -0.1
          568      -0.2      0.2
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1      Cent      -58.2      0.9     -18.9      6.4     -63.7
-73.69          569      -80.6     14.3     -18.9     17.9     -84.2
-79.13          559      -80.6    -12.5     -18.9     -7.6     -85.5
-75.48          558      -35.8    -12.5     -18.9     -1.9     -46.3
-60.84          568      -35.8     14.3     -18.9     20.6     -42.1
-71.47
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent     1275.3    -79.3     442.9     1407.3    -211.3
16.59          569     3447.8   -170.2     186.0     3457.4   -179.8
2.94          559     -833.0    181.8     167.8     208.8    -860.0
80.85          558   -1777.0    836.8     457.5     914.5   -1854.8
80.35          568     4263.5  -1165.7     475.7     4304.9  -1207.1
4.97
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent       6.0      0.6
          569       4.8      4.9
          559       4.8     -3.7
          558       7.2     -3.7
          568       7.2      4.9
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm          Cent      -34.6     -0.9     -11.0      2.3     -37.8
-73.48          569      -41.2     10.3     -11.0     12.5     -43.4
-78.48          559      -41.2    -12.1     -11.0     -8.5     -44.9
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-71.50		558	-28.0	-12.1	-11.0	-6.5	-33.6
-62.94		568	-28.0	10.3	-11.0	13.2	-30.9
-75.11							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-55.16		Cent	-474.7	226.9	-947.7	886.7	-1134.4
-64.93		569	-913.7	171.0	-649.6	474.9	-1217.6
-42.74		559	-29.0	-162.4	-844.8	751.7	-943.2
-28.15		558	638.7	-747.8	-1039.5	1194.9	-1304.0
-76.24		568	-1594.7	1646.9	-844.3	1853.6	-1801.4

	NODE	Vxx	Vyy
	Cent	-2.1	-1.8
	569	-1.1	-6.6
	559	-1.1	3.1
	558	-3.2	3.1
	568	-3.2	-6.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

28.10	INV TO~1	Max	Cent	19.3	0.4	14.8	27.2	-8.4
-87.87			569	31.6	60.5	14.8	60.7	22.4
25.92			559	31.6	8.3	14.8	38.8	1.1
41.26			558	12.2	8.3	14.8	25.2	-4.7
-87.23			568	12.2	60.5	14.8	60.7	6.6
-84.12		Min	Cent	-220.1	-4.3	-67.9	0.8	-239.6
-75.53			569	-269.0	-11.3	-67.9	1.4	-285.0
-73.12			559	-269.0	-65.9	-67.9	-45.3	-289.6
-63.97			558	-171.7	-65.9	-67.9	-32.7	-204.8
-70.92			568	-171.7	-11.3	-67.9	5.7	-194.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-54.64		Max	Cent	917.5	997.5	-447.0	2932.4	470.8
-6.72			569	3289.8	718.4	-327.7	3328.4	509.5
-45.56			559	2029.2	24.2	-611.4	2560.5	-236.7
-9.95			558	4795.8	121.5	-540.3	4970.8	24.0
-84.30			568	3203.4	6615.9	-298.0	6693.1	3164.6

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.02	Min	Cent	-2494.4	119.4	-3851.6	1364.8	-5228.1
-65.23		569	-6352.6	-3.9	-2704.2	955.4	-7328.4
-23.11		559	-1655.3	-693.5	-3317.7	1457.0	-4284.9
-42.08		558	-1492.3	-3083.4	-4141.6	1833.9	-5870.2
-65.50		568	-9146.3	417.3	-3524.5	1806.8	-10200.5

		NODE	Vxx	Vyy
Max	Cent		4.8	-1.0
	569		5.2	-1.5
	559		5.2	13.0
	558		4.7	13.0
	568		4.7	-1.5
Min	Cent		-13.6	-7.7
	569		-9.5	-26.2
	559		-9.5	-0.7
	558		-17.8	-0.7
	568		-17.8	-26.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.10	INV TO~2	Max	Cent	19.3	0.4	14.8	27.2	-8.4
-87.87			569	31.6	60.5	14.8	60.7	22.4
25.92			559	31.6	8.3	14.8	38.8	1.1
41.26			558	12.2	8.3	14.8	25.2	-4.7
-87.23			568	12.2	60.5	14.8	60.7	6.6
-84.12		Min	Cent	-220.1	-4.4	-67.9	0.8	-239.6
-75.53			569	-269.0	-11.3	-67.9	1.4	-285.0
-73.12			559	-269.0	-65.9	-67.9	-45.3	-289.6
-63.97			558	-171.7	-65.9	-67.9	-32.7	-204.8
-70.92			568	-171.7	-11.3	-67.9	5.7	-194.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-54.64		Max	Cent	917.5	997.5	-447.0	2932.4	470.8
-6.72			569	3289.8	718.4	-327.7	3328.4	509.5
-41.93			559	2029.2	24.2	-611.4	2602.1	-236.7
-9.95			558	4795.8	121.5	-540.3	4970.8	24.0
-84.30			568	3203.4	6615.9	-298.0	6693.1	3164.6
-45.02		Min	Cent	-2494.4	119.4	-3851.6	1364.8	-5228.1
-65.23			569	-6352.6	-3.9	-2704.2	955.4	-7328.4
			559	-1655.3	-693.5	-3317.7	1457.0	-4284.9

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	Company		Client	
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-23.11							
	558	-1492.3	-3360.5	-4141.6	1833.9	-5870.2	
-42.08							
	568	-9146.3	417.3	-3524.5	1806.8	-10200.5	
-65.50							

	NODE	Vxx	Vyy
Max	Cent	4.8	-1.0
	569	5.2	-1.5
	559	5.2	13.7
	558	4.7	13.7
	568	4.7	-1.5
Min	Cent	-13.6	-7.7
	569	-9.5	-26.2
	559	-9.5	-0.7
	558	-17.8	-0.7
	568	-17.8	-26.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
457	2	14	c mob-a	Max	Cent	36.0	0.4	12.3	39.8	-3.4
17.29					580	64.6	10.3	12.3	67.3	7.7
12.16					569	64.6	10.4	12.3	67.3	7.8
12.19					568	13.8	10.4	12.3	24.5	-0.3
41.09					579	13.8	10.3	12.3	24.5	-0.3
40.94				Min	Cent	-45.5	-0.0	-12.6	3.2	-48.7
-75.53					580	-43.0	-10.3	-12.6	-6.0	-47.2
-71.22					569	-43.0	-10.2	-12.6	-6.0	-47.2
-71.25					568	-51.5	-10.2	-12.6	-6.7	-55.0
-74.34					579	-51.5	-10.3	-12.6	-6.8	-55.0
-74.32										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	93.5	71.2	1922.7	2005.1	-1840.4
	580	5.8	2.3	1912.5	1916.5	-1908.4
	569	260.0	286.9	1049.5	1323.1	-776.1
	568	191.3	3047.8	1553.6	3729.9	-490.8
	579	6.8	46.6	2420.8	2447.6	-2394.2
Min	Cent	-2734.7	-198.2	-15.6	-198.1	-2734.8
	580	-768.1	-264.3	-14.4	-263.9	-768.5
	569	-4092.0	-2.4	-68.1	-1.3	-4093.1
	568	-5706.4	-46.4	-18.3	-46.4	-5706.4
	579	-508.1	-3731.8	-17.0	-508.0	-3731.9

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		NODE	Vxx	Vyy
Max	Cent		5.7	0.9
		580	3.8	13.9
		569	3.8	0.2
		568	7.6	0.2
		579	7.6	13.9
Min	Cent		-0.2	-0.7
		580	-0.3	-0.2
		569	-0.3	-12.9
		568	-0.1	-12.9
		579	-0.1	-0.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	c mob-b	Max	Cent	22.5	0.4	21.9	36.0	-13.1
31.63			580	43.9	6.6	21.9	54.1	-3.5
24.82			569	43.9	18.9	21.9	56.7	6.1
30.13			568	8.4	18.9	21.9	36.2	-8.9
51.73			579	8.4	6.6	21.9	29.5	-14.4
43.88		Min	Cent	-76.6	-0.0	-8.2	0.8	-77.4
-83.96			580	-85.5	-18.5	-8.2	-17.5	-86.5
-83.13			569	-85.5	-6.5	-8.2	-5.7	-86.3
-84.15			568	-71.5	-6.5	-8.2	-5.5	-72.5
-82.93			579	-71.5	-18.5	-8.2	-17.3	-72.7
-81.42								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	178.2	98.7	2075.9	2214.7	-1937.8
44.45			580	1.8	1.6	2073.3	2075.0	-2071.6
45.00			569	500.0	319.3	1128.0	1541.3	-722.0
42.71			568	365.9	3532.7	1658.1	4242.0	-343.4
66.84			579	2.3	39.4	2630.6	2651.5	-2609.8
45.20		Min	Cent	-2898.8	-220.9	-19.6	-220.8	-2899.0
-89.58			580	-845.9	-292.6	-14.3	-292.2	-846.3
-88.52			569	-4314.2	-0.8	-112.1	2.1	-4317.1
-88.51			568	-6058.4	-12.8	-49.8	-12.4	-6058.8
-89.53			579	-589.3	-4255.3	-14.8	-589.2	-4255.4
-0.23								

		NODE	Vxx	Vyy
Max	Cent		6.0	1.1
		580	4.0	15.8

PROJECT TITLE :

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	569	4.0	0.0
	568	8.2	0.0
	579	8.2	15.8
Min	Cent	-0.4	-0.9
	580	-0.7	-0.1
	569	-0.7	-14.5
	568	-0.3	-14.5
	579	-0.3	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

75.57	pp	Cent	-81.6	0.4	22.6	6.3	-87.4
72.09		580	-82.2	-19.6	22.6	-12.3	-89.5
78.13		569	-82.2	20.5	22.6	25.3	-87.0
77.99		568	-80.9	20.5	22.6	25.3	-85.7
71.79		579	-80.9	-19.6	22.6	-12.2	-88.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

58.88	Cent	-2680.1	-245.2	2313.4	1151.6	-4076.9
48.94	580	-974.3	-331.4	2320.9	1690.2	-2996.0
74.41	569	-3372.8	379.3	1135.4	696.1	-3689.6
80.02	568	-5661.5	4195.3	1790.8	4510.5	-5976.8
26.42	579	-711.9	-5223.7	2976.3	766.9	-6702.5

NODE	Vxx	Vyy

Cent	5.6	0.9
580	2.8	19.5
569	2.8	-17.7
568	8.4	-17.7
579	8.4	19.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-15.65	vento -y	Cent	3.3	0.0	-1.0	3.6	-0.3
-15.05		580	4.3	0.8	-1.0	4.5	0.6
-10.74		569	4.3	-0.8	-1.0	4.5	-1.0
-16.30		568	2.3	-0.8	-1.0	2.6	-1.1
-26.60		579	2.3	0.8	-1.0	2.8	0.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-61.6	-3.2	-1.8	-3.2	-61.6

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.25							
	580	2.7	1.1	-3.7	5.7	-1.9	
-39.08							
	569	-129.5	-2.4	3.6	-2.3	-129.6	
88.40							
	568	-127.4	-56.0	2.3	-56.0	-127.5	
88.15							
	579	7.9	44.3	-5.0	45.0	7.2	
-82.38							

NODE	Vxx	Vyy
Cent	0.1	0.0
580	0.1	-0.2
569	0.1	0.2
568	0.1	0.2
579	0.1	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-55.6	-0.1	18.5	5.5	-61.2
73.14		580	-90.0	-15.2	18.5	-10.9	-94.3
76.82		569	-90.0	15.1	18.5	18.2	-93.2
80.29		568	-21.1	15.1	18.5	22.9	-28.9
67.17		579	-21.1	-15.2	18.5	0.6	-36.9
49.53							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2174.7	149.7	-1102.8	2659.3	-334.9
-23.72	580	371.0	133.5	-1062.9	1321.8	-817.2
-41.81	569	3615.6	-119.9	-677.2	3734.6	-238.9
-9.96	568	4504.0	-1093.6	-958.2	4663.5	-1253.1
-9.45	579	208.2	1678.7	-1343.8	2475.3	-588.4
-59.34						

NODE	Vxx	Vyy
Cent	-4.6	-0.7
580	-3.6	-6.3
569	-3.6	4.9
568	-5.6	4.9
579	-5.6	-6.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-38.5	0.1	10.6	2.8	-41.2
75.65		580	-37.7	-8.9	10.6	-5.5	-41.1
71.83		569	-37.7	9.1	10.6	11.4	-39.9
77.86		568	-39.3	9.1	10.6	11.3	-41.5

PROJECT TITLE :

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78.23
72.60

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.31	Cent	-860.9	-26.4	764.4	427.2	-1314.4
49.36	580	-351.0	-111.9	778.7	556.4	-1019.3
74.64	569	-1039.2	133.4	348.3	229.0	-1134.9
80.67	568	-1806.4	1583.4	572.1	1677.3	-1900.4
26.94	579	-246.8	-1710.3	1002.6	262.7	-2219.8

NODE	Vxx	Vyy
Cent	1.8	-0.1
580	0.8	6.4
569	0.8	-6.6
568	2.8	-6.6
579	2.8	6.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
41.64	INV TO~1	Max	Cent	10.1	0.7	58.7	45.9	-35.0
30.48			580	49.6	5.0	58.7	73.2	-18.7
39.72			569	49.6	49.7	58.7	83.0	1.2
63.96			568	-20.7	49.7	58.7	78.3	-41.8
52.53			579	-20.7	5.0	58.7	34.8	-50.0
-87.43		Min	Cent	-197.4	-0.0	-6.4	0.3	-198.1
86.43			580	-243.1	-49.2	-6.4	-48.4	-243.8
-87.54			569	-243.1	-4.7	-6.4	-4.4	-243.6
-87.22			568	-157.0	-4.7	-6.4	-4.4	-157.8
83.66			579	-157.0	-49.2	-6.4	-47.8	-158.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
37.62	Max	Cent	1554.4	256.6	3566.8	3453.5	-1642.6
45.94		580	27.9	24.7	3577.6	3353.6	-1229.5
20.19		569	3251.4	564.4	1871.1	3690.5	5.4
71.87		568	3191.5	6352.6	2810.6	7272.7	2103.9
40.60		579	-29.4	31.3	4553.9	3665.7	-3209.3
80.83	Min	Cent	-4774.3	-324.6	-364.9	-205.4	-4893.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-70.48	580	-1493.0	-506.9	-303.5	-265.8	-3805.6
-81.79	569	-6863.4	10.2	-480.2	79.5	-6869.0
-85.64	568	-9985.2	427.1	-453.2	461.7	-10007.4
8.50	579	-1042.4	-7455.0	-364.1	-896.0	-7601.3

	NODE	Vxx	Vyy
Max	Cent	9.9	1.3
	580	6.3	27.7
	569	6.3	-1.5
	568	13.9	-1.5
	579	13.9	27.7
Min	Cent	-3.3	-2.0
	580	-3.7	-0.1
	569	-3.7	-26.2
	568	-3.1	-26.2
	579	-3.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
41.64	INV TO~2	Max	Cent	10.1	0.7	58.7	45.9	-35.0
30.48			580	49.6	5.0	58.7	73.2	-18.7
39.72			569	49.6	49.7	58.7	83.0	1.2
63.96			568	-20.7	49.7	58.7	78.3	-41.8
52.53			579	-20.7	5.0	58.7	34.8	-50.0
-87.43		Min	Cent	-197.4	-0.0	-6.4	0.3	-198.1
86.43			580	-243.1	-49.2	-6.4	-48.4	-243.8
-87.54			569	-243.1	-4.7	-6.4	-4.4	-243.6
-87.22			568	-157.0	-4.7	-6.4	-4.4	-157.8
83.66			579	-157.0	-49.2	-6.4	-47.8	-158.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
37.62	Max	Cent	1554.4	256.6	3566.8	3453.5	-1642.6	
45.94			580	27.9	24.7	3577.6	3353.6	-1229.5
20.19			569	3251.4	564.4	1871.1	3690.5	5.4
71.87			568	3191.5	6352.6	2810.6	7272.7	2103.9
40.60			579	-29.4	31.3	4553.9	3665.7	-3209.3
80.83	Min	Cent	-4774.3	-331.0	-364.9	-205.4	-5503.8	
-70.48			580	-1493.0	-506.9	-303.5	-265.8	-4044.6
-81.79			569	-6863.4	10.2	-480.2	79.5	-6869.0
			568	-9985.2	427.1	-453.2	461.7	-10007.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-85.64
8.50

579 -1042.4 -7455.0 -364.1 -896.0 -9048.3

	NODE	Vxx	Vyy
Max	Cent	9.9	1.3
	580	6.3	27.7
	569	6.3	-1.5
	568	13.9	-1.5
	579	13.9	27.7
Min	Cent	-3.3	-2.0
	580	-3.7	-0.1
	569	-3.7	-26.2
	568	-3.1	-26.2
	579	-3.1	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
458	2	12	c mob-a	Max	Cent	5.5	60.6	9.7	62.2	3.9
80.31					1024	4.0	56.1	9.1	57.7	2.5
80.41					815	4.1	66.4	10.3	68.1	2.4
80.85					581	11.0	70.7	10.7	72.6	9.1
80.12					575	10.8	54.6	8.0	56.0	9.4
79.91				Min	Cent	-1.2	-12.7	-19.3	13.2	-27.1
-36.76					1024	-0.4	-6.1	-18.7	15.6	-22.1
-40.65					815	-0.5	-21.7	-20.1	11.6	-33.8
-31.09					581	-3.4	-27.4	-20.5	8.3	-39.2
-29.82					575	-3.2	-3.6	-18.2	14.8	-21.6
-44.69										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	8.8	35.6	9.6	38.7	5.7
	1024	2.4	6.8	14.1	18.9	-9.6
	815	1.9	21.7	11.9	27.3	-3.7
	581	16.3	70.1	6.9	70.9	15.5
	575	5.2	135.2	4.7	135.4	5.1
Min	Cent	-2.3	-6.0	-6.7	2.8	-11.1
	1024	-1.2	-44.3	-0.8	-1.1	-44.3
	815	-4.3	-31.5	-0.6	-4.3	-31.5
	581	-6.0	-24.4	-27.7	13.9	-44.4
	575	-1.1	-21.9	-18.8	9.9	-33.0

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Max	Cent	0.0	0.0
	1024	0.0	0.0
	815	0.0	0.0
	581	0.0	0.0
	575	0.0	0.0
Min	Cent	-0.0	-0.2
	1024	-0.0	-0.2
	815	-0.0	-0.1
	581	-0.1	-0.1
	575	-0.1	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
85.50	c mob-b	Max Cent	10.2	115.4	8.3	116.0	9.5
85.09		1024	6.8	104.5	8.5	105.2	6.1
86.21		815	7.1	130.3	8.2	130.8	6.6
85.52		581	20.5	139.8	9.4	140.5	19.8
83.92		575	20.1	99.5	8.5	100.4	19.2
-41.88	Min	Cent	-1.0	-9.1	-37.1	32.3	-42.4
-43.53		1024	-0.6	-4.3	-35.7	33.3	-38.3
-39.52		815	-0.6	-15.6	-38.6	31.2	-47.5
-39.01		581	-3.0	-19.8	-39.6	29.1	-51.9
-44.32		575	-3.0	-4.7	-35.0	31.1	-38.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.81	Max	Cent	16.8	69.4	11.9	14.3
45.23		1024	4.9	5.2	23.1	-18.1
56.77		815	1.6	19.3	20.4	-11.8
87.04		581	31.8	135.0	5.4	31.5
89.23		575	11.0	274.9	3.5	10.9
-42.11	Min	Cent	-1.9	-4.6	-13.6	-17.0
-0.67		1024	-1.2	-91.4	-1.1	-91.4
-0.74		815	-8.8	-62.6	-0.7	-62.6
-41.48		581	-4.4	-17.5	-53.0	-64.4
-38.78		575	-0.9	-16.8	-36.1	-45.8

Max	Cent	0.0	0.0
	1024	0.1	0.0
	815	0.1	0.0
	581	0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	575	0.0	0.0
Cent	1024	-0.1	-0.3
	815	-0.0	-0.4
	581	-0.0	-0.2
	575	-0.2	-0.3
			-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-75.20	pp	Cent	7.5	91.8	-24.0	98.1	1.1
-76.07		1024	1.2	92.0	-24.0	97.9	-4.7
-76.05		815	1.2	91.7	-23.9	97.6	-4.7
-74.02		581	14.8	91.6	-23.9	98.4	8.0
-74.08		575	14.8	92.1	-24.0	98.9	8.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-80.25	Cent	14.0	56.1	-7.5	57.4	12.7
8.33	1024	2.6	-68.5	10.6	4.2	-70.1
13.96	815	-6.9	-47.6	10.8	-4.2	-50.3
-66.92	581	25.9	110.2	-43.9	128.9	7.3
-82.02	575	9.4	216.8	-29.7	220.9	5.2

NODE	Vxx	Vyy
Cent	-0.1	-0.3
1024	0.0	-0.3
815	0.0	-0.2
581	-0.2	-0.2
575	-0.2	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-77.89	vento -y	Cent	0.1	1.5	-0.3	1.6	0.1
-79.69		1024	0.0	1.9	-0.3	1.9	-0.1
-77.61		815	0.0	1.2	-0.3	1.3	-0.1
-72.36		581	0.3	1.0	-0.3	1.1	0.2
-78.60		575	0.3	2.0	-0.4	2.1	0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.22	Cent	0.1	0.7	0.1	0.7	0.1
	1024	-0.0	-0.6	0.3	0.1	-0.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.26							
	815	0.0	0.3	0.2	0.4	-0.1	
60.36							
	581	0.1	0.3	-0.3	0.6	-0.2	
-54.82							
	575	0.1	2.5	-0.3	2.5	0.1	
-83.32							

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1024	0.0	-0.0
815	0.0	-0.0
581	-0.0	-0.0
575	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.31	cedime~1	Cent	0.1	8.0	-8.6	13.5	-5.5
-33.99		1024	-1.0	-6.8	-7.1	3.8	-11.6
-69.56		815	-0.7	22.7	-10.1	26.5	-4.5
-72.03		581	1.4	31.9	-11.1	35.5	-2.2
-18.15		575	0.9	-16.0	-6.2	2.9	-18.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-49.44	Cent	5.0	7.6	-8.3	14.7	-2.1
-17.97	1024	1.7	-10.7	-4.5	3.2	-12.2
-4.85	815	-2.3	-34.6	-2.8	-2.1	-34.8
-72.02	581	10.2	46.3	-13.1	50.5	5.9
-74.80	575	1.9	28.3	-7.7	30.4	-0.2

NODE	Vxx	Vyy
Cent	-0.0	-0.1
1024	-0.0	-0.0
815	-0.0	-0.1
581	-0.0	-0.1
575	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-72.51	perm	Cent	4.1	49.3	-15.8	54.3	-0.9
-72.24		1024	0.5	42.9	-15.2	47.8	-4.4
-74.57		815	0.6	55.6	-16.5	60.2	-3.9
-73.32		581	8.4	59.6	-16.9	64.7	3.4
		575	8.2	39.0	-14.8	44.9	2.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-68.10

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-76.38	Cent	8.0	30.6	-5.8	32.0	6.6
6.10	1024	2.2	-35.2	4.0	2.6	-35.6
9.47	815	-3.9	-29.3	4.4	-3.1	-30.1
-67.47	581	15.1	64.9	-25.0	75.3	4.8
-81.52	575	4.6	114.8	-16.8	117.3	2.1

NODE	Vxx	Vyy
Cent	-0.0	-0.1
1024	0.0	-0.2
815	0.0	-0.1
581	-0.1	-0.1
575	-0.1	-0.2

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-86.68	INV TO~1	Max	Cent	17.9	213.0	-2.7	213.7	17.8
-89.04			1024	9.6	184.0	-2.9	184.0	9.6
-87.04			815	10.2	254.2	-2.5	254.9	10.1
-86.84			581	37.5	280.2	-2.4	281.0	36.8
-88.66			575	36.3	173.3	-3.2	173.3	35.5
-51.35		Min	Cent	2.5	32.2	-74.5	84.9	-55.5
-52.74			1024	-1.4	28.0	-70.5	83.0	-58.8
-50.50			815	-1.0	26.4	-78.7	82.9	-58.6
-48.81			581	3.8	22.6	-81.4	84.1	-57.7
-47.50			575	3.9	16.7	-68.2	79.2	-57.7

ANGLE NODE Mxx Myy Mxy Mmax Mmin

88.83	Max	Cent	35.8	131.8	10.3	131.9	35.7
31.89			1024	10.4	-26.0	35.2	-47.9
45.58			815	-1.3	0.0	31.9	-32.5
-82.86			581	68.3	293.5	-15.6	297.1
-87.89			575	21.3	514.2	-10.5	514.8
-54.96	Min	Cent	4.9	22.5	-32.5	39.4	-14.1
0.94			1024	0.6	-169.3	-1.9	-169.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.30	815	-18.1	-148.4	0.7	-18.1	-148.4
-48.68	581	7.0	31.9	-109.6	116.8	-77.9
-61.01	575	3.1	85.2	-73.3	121.5	-33.2

	NODE	Vxx	Vyy
Max	Cent	-0.0	-0.1
	1024	0.1	-0.1
	815	0.1	-0.0
	581	-0.1	-0.1
	575	-0.1	-0.1
Min	Cent	-0.1	-0.6
	1024	0.0	-0.8
	815	0.0	-0.5
	581	-0.4	-0.6
	575	-0.4	-0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-86.68	INV TO~2	Max	Cent	17.9	213.0	-2.7	213.7	17.8
-89.04			1024	9.6	184.0	-2.9	184.0	9.6
-87.04			815	10.2	254.2	-2.5	254.9	10.1
-86.84			581	37.5	280.2	-2.4	281.0	36.8
-88.66			575	36.3	173.3	-3.2	173.3	35.5
-51.35		Min	Cent	2.5	32.2	-74.5	84.9	-55.5
-52.74			1024	-1.4	28.0	-70.5	83.0	-58.8
-50.50			815	-1.0	26.4	-78.7	82.9	-58.6
-48.81			581	3.8	22.6	-81.4	84.1	-57.7
-47.50			575	3.9	16.7	-68.2	79.2	-57.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
88.83		Max	Cent	35.8	131.8	10.3	131.9	35.7
31.89			1024	10.4	-26.0	35.2	30.6	-47.9
45.58			815	-1.3	0.0	31.9	31.2	-32.5
-82.86			581	68.3	293.5	-15.6	297.1	64.7
-87.89			575	21.3	514.2	-10.5	514.8	20.7
-54.96		Min	Cent	4.9	22.5	-32.5	39.4	-14.1
0.94			1024	0.6	-169.3	-1.9	0.6	-169.3
0.30			815	-18.1	-148.4	0.7	-18.1	-148.4
-48.68			581	7.0	31.9	-109.6	116.8	-77.9
			575	3.1	85.2	-73.3	121.5	-33.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-61.01

	NODE	Vxx	Vyy
Max	Cent	-0.0	-0.1
	1024	0.1	-0.1
	815	0.1	-0.0
	581	-0.1	-0.1
	575	-0.1	-0.1
Min	Cent	-0.1	-0.6
	1024	0.0	-0.8
	815	0.0	-0.5
	581	-0.4	-0.6
	575	-0.4	-0.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
478	2	12	c mob-a	Max	Cent	0.4	2.2	102.4	103.7	-101.2
45.25					886	5.0	0.6	107.2	110.0	-104.4
44.40					795	5.8	33.4	97.8	118.4	-79.2
49.02					206	0.6	70.0	95.0	136.4	-65.8
55.04					205	0.6	0.8	110.4	111.1	-109.7
45.02				Min	Cent	-93.6	-137.2	-21.1	-85.0	-145.8
-22.01					886	-35.0	-189.8	-18.3	-32.9	-192.0
-6.66					795	-34.0	-135.0	-24.1	-28.6	-140.4
-12.74					206	-165.5	-141.8	-26.0	-125.1	-182.2
-57.29					205	-166.3	-232.9	-16.7	-162.4	-236.9
-13.32										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	4.1	9.0	6.7	13.7	-0.6
55.02					886	5.0	20.5	5.1	22.1	3.5
73.19					795	3.9	26.6	4.7	27.5	3.0
78.81					206	10.6	50.3	7.1	51.6	9.4
80.14					205	9.3	47.8	4.8	48.4	8.7
83.05				Min	Cent	-2.6	-4.9	-9.9	6.3	-13.7
-41.69					886	-6.4	-31.7	-7.8	-4.1	-34.0
-15.83					795	-5.5	-34.8	-5.9	-4.4	-35.9
-10.92					206	-8.2	-35.2	-10.0	-4.9	-38.5
-18.27					205	-3.1	-28.6	-7.1	-1.2	-30.4
-14.51										

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	886	0.0	0.1
	795	0.0	0.1
	206	0.0	0.1
	205	0.0	0.1
Min	Cent	-0.0	-0.1
	886	-0.0	-0.1
	795	-0.0	-0.1
	206	-0.0	-0.1
	205	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
45.47	c mob-b	Max	Cent	0.3	3.9	110.5	112.6	-108.5
44.46			886	5.1	0.7	116.6	119.5	-113.7
50.86			795	6.1	49.5	104.6	134.7	-79.1
58.03			206	0.4	99.3	101.0	162.3	-62.6
45.07			205	0.4	1.0	120.6	121.3	-119.9
-30.82		Min	Cent	-101.0	-136.8	-33.2	-81.2	-156.6
-9.82			886	-41.2	-207.9	-29.7	-36.0	-213.0
-19.08			795	-40.5	-134.0	-36.7	-27.8	-146.7
-56.86			206	-176.3	-141.6	-39.5	-115.8	-202.0
-16.40			205	-177.9	-263.6	-27.6	-169.8	-271.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
55.28	Max	Cent	4.6	11.2	8.8	17.3	-1.6
71.67		886	6.4	26.0	7.3	28.4	4.0
75.77		795	4.5	30.3	7.0	32.0	2.7
80.26		206	11.1	56.8	8.1	58.2	9.7
82.30		205	11.6	61.3	6.8	62.2	10.7
-40.90	Min	Cent	-2.9	-6.0	-10.8	6.5	-15.3
-13.93		886	-8.5	-41.1	-8.6	-6.4	-43.3
-11.42		795	-5.8	-38.5	-6.9	-4.4	-39.9
-17.00		206	-9.2	-40.3	-10.5	-5.9	-43.5
-13.25		205	-4.2	-36.3	-8.0	-2.3	-38.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	886	0.0	0.1
	795	0.0	0.1
	206	0.0	0.1
	205	0.0	0.1
Min	Cent	-0.0	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

886 -0.0 -0.1
 795 -0.0 -0.1
 206 -0.0 -0.1
 205 -0.0 -0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.12	pp	Cent	-204.6	-224.8	48.4	-165.2	-264.1
12.91		886	-73.2	-308.9	57.0	-60.1	-322.0
24.51		795	-71.4	-140.6	39.8	-53.3	-158.8
82.84		206	-358.3	-88.1	34.5	-83.7	-362.6
44.93		205	-361.2	-361.5	62.4	-298.9	-423.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.19	Cent	0.7	4.8	9.3	12.3	-6.8
18.97	886	-5.6	-24.0	7.2	-3.2	-26.5
58.98	795	0.3	7.4	6.7	11.4	-3.7
52.75	206	-4.5	-0.5	7.2	5.0	-9.9
72.93	205	12.2	33.9	7.3	36.1	9.9

NODE	Vxx	Vyy
Cent	0.0	-0.0
886	0.0	-0.1
795	0.0	0.0
206	0.0	0.0
205	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.99	vento -y	Cent	-2.4	-4.7	2.6	-0.7	-6.4
28.07		886	-1.5	-5.0	2.6	-0.1	-6.4
30.07		795	-1.5	-4.4	2.5	-0.0	-5.9
40.75		206	-3.5	-4.2	2.5	-1.3	-6.4
36.09		205	-3.5	-5.2	2.6	-1.6	-7.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
49.93	Cent	-0.1	0.1	0.3	0.4	-0.3
28.75	886	-0.1	-0.5	0.3	0.0	-0.6
	795	0.1	0.7	0.2	0.7	0.0

PROJECT TITLE :

	Company		Client	
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71.58							
		206	-0.3	-0.6	0.3	-0.1	-0.8
33.17							
		205	0.1	0.5	0.3	0.7	-0.0
62.78							

NODE	Vxx	Vyy
Cent	0.0	0.0
886	0.0	-0.0
795	0.0	0.0
206	0.0	0.0
205	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	27.9	22.9	-8.9	34.6	16.1
-37.14	cedime~1	886	11.3	49.3	-11.6	52.5	8.0
-74.32		795	10.7	-3.5	-6.2	13.0	-5.8
-20.49		206	47.2	-20.0	-4.5	47.5	-20.3
-3.82		205	48.1	65.8	-13.3	72.9	41.0
-61.83							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.8	-1.0	1.0	0.1	-1.9
42.40	886	0.0	2.0	0.9	2.3	-0.3
69.42	795	0.9	5.8	0.5	5.8	0.9
84.60	206	-1.8	-8.1	1.2	-1.6	-8.3
10.57	205	-1.2	-3.6	0.5	-1.1	-3.7
11.18						

NODE	Vxx	Vyy
Cent	-0.0	0.0
886	0.0	0.0
795	0.0	0.0
206	-0.0	0.0
205	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	-69.6	-60.4	3.5	-59.3	-70.7
71.25	perm	886	-27.3	-104.8	8.0	-26.5	-105.6
5.85		795	-26.4	-16.1	-1.0	-16.0	-26.5
-84.35		206	-118.9	11.6	-3.9	11.7	-119.0
-88.31		205	-120.4	-132.5	10.8	-114.0	-138.8
30.43							

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.72		Cent	0.3	1.9	3.4	4.5	-2.4
18.66		886	-1.9	-8.6	2.5	-1.1	-9.4
59.44		795	0.1	2.7	2.3	4.0	-1.3
54.48		206	-1.4	0.4	2.7	2.4	-3.3
72.43		205	4.2	12.2	2.8	13.1	3.3
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		886	0.0	-0.0			
		795	0.0	0.0			
		206	0.0	0.0			
		205	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.88	INV TO~1	Max Cent	-41.2	-32.4	152.7	107.1	-180.6
40.80		886	-9.2	-54.6	165.4	123.6	-187.4
51.90		795	-7.4	50.8	140.2	160.7	-116.9
67.42		206	-70.9	145.6	132.5	200.7	-134.0
45.54		205	-71.5	-65.4	173.6	92.0	-228.8
-32.14		Min Cent	-205.9	-245.7	-50.2	-179.9	-271.7
-5.99		886	-82.9	-385.4	-43.7	-79.5	-388.8
-20.40		795	-81.1	-201.9	-56.8	-62.2	-223.0
-65.84		206	-356.8	-199.8	-61.7	-172.2	-373.7
-11.24		205	-360.6	-488.4	-39.7	-355.3	-493.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.81		Max Cent	6.4	17.0	16.3	27.9	-4.4
64.73		886	6.7	28.5	13.2	34.8	0.8
74.95		795	7.1	49.3	12.2	52.6	3.8
78.41		206	13.6	77.2	14.8	80.0	10.8
81.10		205	19.9	94.9	12.5	96.8	18.1
-41.11		Min Cent	-4.4	-7.2	-11.2	4.5	-16.1
-9.36		886	-13.4	-64.1	-9.1	-12.0	-65.7
-9.25		795	-7.8	-49.4	-7.0	-6.6	-50.5

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-11.91	206	-15.6	-62.1	-11.5	-13.4	-64.2
-10.85	205	-2.6	-40.4	-8.0	-1.2	-41.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	886	0.0	0.1
	795	0.0	0.1
	206	0.0	0.1
	205	0.0	0.1
Min	Cent	0.0	-0.1
	886	-0.0	-0.2
	795	-0.0	-0.1
	206	0.0	-0.1
	205	0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
45.88	INV TO~2	Max	Cent	-41.2	-32.4	152.7	107.1	-180.6
40.80			886	-9.2	-54.6	165.4	123.6	-187.4
51.90			795	-7.4	50.8	140.2	160.7	-116.9
67.42			206	-70.9	145.6	132.5	200.7	-134.0
45.54			205	-71.5	-65.4	173.6	92.0	-228.8
39.12		Min	Cent	-276.2	-303.4	-50.2	-223.1	-356.6
12.91			886	-98.8	-417.0	-43.7	-81.2	-434.7
24.51			795	-96.4	-201.9	-56.8	-71.9	-223.0
-65.84			206	-483.7	-199.8	-61.7	-172.2	-489.6
44.93			205	-487.6	-488.4	-39.7	-403.6	-572.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
53.81	Max	Cent	6.4	17.0	16.3	27.9	-4.4
64.73		886	6.7	28.5	13.2	34.8	0.8
74.95		795	7.1	49.3	12.2	52.6	3.8
78.41		206	13.6	77.2	14.8	80.0	10.8
81.10		205	19.9	94.9	12.5	96.8	18.1
-41.11	Min	Cent	-4.4	-7.2	-11.2	4.5	-16.1
-9.36		886	-13.4	-64.1	-9.1	-12.0	-65.7
-9.25		795	-7.8	-49.4	-7.0	-6.6	-50.5
-11.91		206	-15.6	-62.1	-11.5	-13.4	-64.2
-10.85		205	-2.6	-40.4	-8.0	-1.2	-41.8

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		NODE	Vxx	Vyy
Max	Cent		0.0	0.1
		886	0.0	0.1
		795	0.0	0.1
		206	0.0	0.1
		205	0.0	0.1
Min	Cent		0.0	-0.1
		886	-0.0	-0.2
		795	-0.0	-0.1
		206	0.0	-0.1
		205	0.0	-0.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
488	2	12	c mob-a	Max Cent	1.8	33.7	40.2	61.0	-25.5
55.81				1025	3.1	77.8	32.6	90.0	-9.1
69.45				814	3.3	33.1	48.4	68.8	-32.4
53.57				579	2.4	36.3	53.5	75.5	-36.8
53.78				578	3.4	117.2	28.3	123.9	-3.2
76.78				Min Cent	-17.1	-54.3	-18.1	-9.7	-61.6
-22.08				1025	-24.1	-1.4	-18.7	9.2	-34.6
-60.59				814	-25.5	-135.2	-17.7	-22.7	-138.0
-8.96				579	-15.4	-186.9	-17.6	-13.6	-188.7
-5.81				578	-12.7	-0.6	-20.4	14.6	-28.0
-53.24									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	27.9	56.6	6.7	58.1	26.5
77.51				1025	6.2	0.5	9.2	12.9	-6.3
36.41				814	0.2	12.5	11.7	19.5	-6.9
58.84				579	32.5	174.0	2.9	174.1	32.4
88.84				578	64.4	207.8	1.0	207.8	64.4
89.59				Min Cent	-1.0	-0.4	-20.0	19.3	-20.7
-45.46				1025	-9.4	-64.4	-9.5	-7.8	-66.0
-9.57				814	-7.3	-97.9	-5.9	-6.9	-98.3
-3.71				579	-2.4	-10.6	-43.7	37.4	-50.4
-42.34				578	-0.2	-1.2	-26.4	25.7	-27.1
-44.44									

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1025	0.0	0.0
		814	0.0	0.0

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	579	0.1	0.0
	578	0.1	0.0
Min	Cent	-0.0	-0.3
	1025	-0.0	-0.3
	814	-0.0	-0.3
	579	-0.0	-0.3
	578	-0.0	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

73.94	c mob-b	Max Cent	4.9	66.8	19.5	72.4	-0.7
81.57		1025	6.8	90.1	12.6	92.0	4.9
71.35		814	7.2	76.9	26.6	85.9	-1.8
71.51		579	5.4	87.9	31.1	98.3	-5.0
85.70		578	5.8	125.2	9.0	125.9	5.1
-41.99		Min Cent	-15.3	-23.1	-37.0	18.0	-56.4
-54.14		1025	-24.7	-0.1	-37.1	26.7	-51.5
-24.03		814	-26.1	-93.3	-37.4	-9.4	-110.0
-15.08		579	-7.9	-138.9	-38.1	2.4	-149.2
-46.94		578	-6.1	-1.1	-37.4	33.9	-41.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

70.86	Max Cent	27.3	57.5	11.9	61.6	23.2
40.22		1025	5.6	0.4	15.2	-12.4
63.45		814	1.9	27.3	16.9	-6.6
87.93		579	32.1	169.3	5.0	169.5
89.39		578	66.5	208.3	1.5	208.4
-45.97	Min Cent	-2.3	-0.9	-19.9	18.3	-21.5
-10.79		1025	-15.9	-61.8	-9.1	-14.2
-3.14		814	-7.7	-97.7	-5.0	-98.0
-39.57		579	-4.8	-21.1	-42.3	30.2
-44.22		578	-0.2	-1.6	-26.1	25.2

	NODE	Vxx	Vyy

Max	Cent	0.0	0.0
	1025	0.0	0.0
	814	0.0	0.0
	579	0.1	0.0
	578	0.1	0.0
Min	Cent	-0.0	-0.3
	1025	-0.0	-0.3
	814	-0.0	-0.3

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
579			-0.0	-0.3			
578			-0.0	-0.3			
ANGLE							

	pp	Cent	-7.7	61.8	-27.5	71.3	-17.2
-70.83		1025	-11.9	98.1	-31.2	106.4	-20.1
-75.23		814	-12.6	25.5	-23.8	36.9	-24.0
-64.35		579	-2.9	2.8	-21.4	21.5	-21.7
-48.79		578	-1.7	120.8	-33.5	129.4	-10.3
-75.67							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	23.4	60.4	-0.4	60.4	23.4
-89.46		1025	-18.8	-77.3	12.4	-16.2	-79.8
11.52		814	-6.4	-51.7	18.4	0.2	-58.2
19.55		579	22.0	121.4	-32.4	131.1	12.3
-73.44		578	77.1	237.7	-22.2	240.7	74.1
-82.28							
		NODE	Vxx	Vyy			

		Cent	0.0	-0.3			
		1025	-0.0	-0.3			
		814	-0.0	-0.2			
		579	0.1	-0.2			
		578	0.1	-0.3			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-0.6	-3.2	1.9	0.4	-4.2
27.73		1025	-1.0	-0.8	1.6	0.7	-2.5
46.42		814	-1.0	-5.6	2.1	-0.2	-6.4
21.53		579	-0.2	-7.1	2.3	0.5	-7.8
16.74		578	-0.1	0.7	1.5	1.8	-1.3
52.23							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.6	0.6	-0.8	1.4	-0.2
-44.54		1025	0.9	-0.2	-0.5	1.1	-0.4
-23.18		814	0.1	-3.1	-0.4	0.1	-3.2
-7.78		579	0.7	4.4	-1.1	4.7	0.5

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-74.99
-71.86

NODE	Vxx	Vyy
Cent	0.0	-0.0
1025	-0.0	-0.0
814	-0.0	-0.0
579	0.0	-0.0
578	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-58.92	cedime~1	Cent	17.2	67.0	-47.2	95.5	-11.3
-30.59		1025	21.9	-20.3	-38.3	44.5	-42.9
-69.67		814	23.7	154.3	-56.1	175.1	2.9
-73.96		579	12.1	208.8	-61.7	226.6	-5.6
-18.97		578	9.2	-74.8	-32.7	20.4	-86.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
31.38	Cent	-21.5	-36.3	14.3	-12.8	-45.0
85.43	1025	-8.5	37.1	3.7	37.3	-8.8
-89.59	814	1.5	74.9	-0.5	74.9	1.5
16.27	579	-22.4	-124.8	32.7	-12.8	-134.3
10.84	578	-34.6	-126.7	18.3	-31.0	-130.2

NODE	Vxx	Vyy
Cent	-0.0	0.2
1025	0.0	0.2
814	0.0	0.2
579	-0.0	0.2
578	-0.0	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.67	perm	Cent	-1.9	28.8	-15.1	35.0	-8.1
-70.74		1025	-2.8	37.5	-16.0	43.1	-8.4
-64.41		814	-3.0	20.0	-14.3	26.8	-9.8
-59.67		579	-0.9	14.5	-13.7	22.5	-8.9
-71.36		578	-0.6	43.0	-16.6	48.6	-6.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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85.96	Cent	7.5	20.3	0.9	20.4	7.4
13.96	1025	-8.1	-25.1	4.5	-7.0	-26.2
27.10	814	-2.3	-11.8	6.6	1.0	-15.2
-73.66	579	6.4	35.2	-9.2	37.9	3.7
-82.32	578	28.8	79.2	-6.9	80.1	27.9

NODE	Vxx	Vyy
Cent	0.0	-0.1
1025	-0.0	-0.1
814	-0.0	-0.1
579	0.0	-0.1
578	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-87.19	INV TO~1	Max	Cent	21.9	186.0	39.1	186.4	21.5
79.97			1025	28.3	159.2	27.9	164.2	27.3
-88.83			814	30.5	278.1	51.0	278.2	30.4
-89.45			579	18.5	342.0	58.6	342.0	18.4
84.05			578	16.3	212.1	21.6	214.4	15.3
-40.71		Min	Cent	-24.9	-44.6	-112.3	31.1	-105.9
-59.24			1025	-36.1	15.4	-104.5	75.1	-104.9
-23.08			814	-38.2	-162.5	-120.8	-10.6	-190.1
-15.53			579	-21.7	-237.9	-126.8	-3.6	-256.0
-41.49			578	-17.8	-33.2	-99.8	79.6	-121.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
73.60	Max	Cent	45.2	97.9	31.3	102.9	40.2
55.04		1025	0.2	12.6	28.6	32.6	-28.3
74.76		814	1.7	99.9	29.4	107.8	-6.2
-89.34		579	50.2	270.1	30.1	270.1	50.2
-88.84		578	118.6	360.4	13.4	360.5	118.5
-44.91	Min	Cent	-17.1	-17.2	-26.1	-5.4	-28.9
-7.17		1025	-38.1	-112.0	-8.4	-37.5	-112.8
-0.61		814	-12.7	-144.0	-1.9	-12.7	-144.0
-18.33		579	-22.5	-118.1	-68.2	-10.7	-129.8

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Max	Cent	0.1	0.1
	1025	0.0	0.1
Min	814	0.0	0.2
	579	0.1	0.2
	578	0.1	0.1
	Cent	-0.0	-0.5
	1025	-0.0	-0.5
	814	-0.0	-0.5
	579	-0.0	-0.4
	578	-0.0	-0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
489	2	15	c mob-a	Max	Cent	40.4	4.0	83.4	107.6	-63.2
38.85					1022	81.6	31.7	83.4	143.7	-30.5
36.68					570	81.6	14.5	83.4	138.0	-41.9
34.05					575	35.5	14.5	83.4	109.1	-59.1
41.41					1024	35.5	31.7	83.4	117.1	-49.9
44.34				Min	Cent	-219.0	-25.6	-16.1	-24.2	-220.3
-85.26					1022	-470.0	-9.3	-16.1	-8.7	-470.6
-88.00					570	-470.0	-79.1	-16.1	-78.5	-470.7
-87.64					575	-4.1	-79.1	-16.1	-0.8	-82.5
-11.64					1024	-4.1	-9.3	-16.1	9.7	-23.0
-40.44										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	18.5	3.1	2.5	18.9	2.7
8.97					1022	9.3	6.4	4.9	12.9	2.8
36.61					570	57.4	18.1	0.5	57.4	18.0
0.68					575	16.2	1.5	0.3	16.2	1.5
1.27					1024	2.2	1.0	4.8	6.4	-3.2
41.50				Min	Cent	-3.8	-0.7	-4.0	2.0	-6.5
-55.75					1022	-3.8	-2.0	-2.6	-0.2	-5.6
-54.79					570	-9.2	-3.3	-5.7	0.2	-12.7
-58.58					575	-1.9	-3.2	-6.0	3.6	-8.6
-41.90					1024	-4.5	-7.3	-2.9	-2.7	-9.1
-32.35										
				NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0			
					1022	0.0	0.0			
					570	0.0	0.0			
					575	0.0	0.0			
					1024	0.0	0.0			

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Min	Cent	-0.0	-0.0
	1022	-0.1	-0.0
	570	-0.1	-0.0
	575	-0.0	-0.0
	1024	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
42.73	c mob-b	Max	Cent	31.4	3.0	179.6	197.3	-162.9
44.75			1022	62.6	59.5	179.6	240.7	-118.5
40.93			570	62.6	11.3	179.6	218.4	-144.4
40.72			575	65.4	11.3	179.6	220.0	-143.2
44.53			1024	65.4	59.5	179.6	242.1	-117.1
-88.06		Min	Cent	-429.8	-53.7	-12.7	-53.3	-430.3
-89.20			1022	-913.3	-7.1	-12.7	-6.9	-913.5
-89.04			570	-913.3	-155.5	-12.7	-155.3	-913.5
-4.85			575	-6.4	-155.5	-12.7	-5.3	-156.6
-44.20			1024	-6.4	-7.1	-12.7	6.0	-19.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
8.64	Max	Cent	37.4	6.2	4.9	38.2	5.5	
36.39			1022	17.4	11.4	9.6	4.3	
0.39			570	109.7	34.8	0.5	109.7	34.8
0.99			575	32.1	1.2	0.5	32.1	1.2
40.41			1024	4.0	0.8	9.7	12.3	-7.5
-51.70		Min	Cent	-3.0	-0.6	-5.2	3.5	-7.1
-54.24			1022	-3.9	-2.2	-2.6	-0.3	-5.8
-51.52			570	-6.9	-2.6	-9.4	4.9	-14.3
-38.28			575	-1.4	-6.1	-9.9	6.4	-13.9
-17.26			1024	-5.6	-14.7	-3.1	-4.6	-15.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1022	0.0	0.0
	570	0.0	0.0
	575	0.0	0.0
	1024	0.0	0.0
Min	Cent	-0.1	-0.0
	1022	-0.1	-0.0
	570	-0.1	-0.0
	575	-0.0	-0.0
	1024	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
70.14	pp	Cent	-348.0	-37.4	129.0	9.2	-394.6
81.15		1022	-756.3	51.9	129.0	72.0	-776.4
78.86		570	-756.3	-126.7	129.0	-101.3	-781.7
27.03		575	60.4	-126.7	129.0	126.2	-192.5
44.06		1024	60.4	51.9	129.0	185.2	-72.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
5.77		Cent	27.2	2.9	2.5	27.5	2.7
41.44		1022	0.6	-1.1	6.8	6.6	-7.1
-3.90		570	89.8	27.8	-4.2	90.1	27.5
-9.85		575	16.6	-5.8	-4.0	17.3	-6.5
25.83		1024	1.9	-9.2	7.0	5.3	-12.6
		NODE	Vxx	Vyy			
		Cent	-0.1	0.0			
		1022	-0.1	0.0			
		570	-0.1	0.0			
		575	-0.0	0.0			
		1024	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.54	vento -y	Cent	-4.2	-0.7	0.9	-0.5	-4.4
84.82		1022	-9.7	0.0	0.9	0.1	-9.8
83.94		570	-9.7	-1.4	0.9	-1.3	-9.8
16.62		575	1.3	-1.4	0.9	1.6	-1.7
27.17		1024	1.3	0.0	0.9	1.8	-0.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-4.22		Cent	0.3	0.0	-0.0	0.3	0.0
62.80		1022	-0.1	-0.1	0.0	-0.1	-0.2
-6.79		570	1.2	0.3	-0.1	1.3	0.3
-20.51		575	0.2	-0.0	-0.1	0.3	-0.1
		1024	-0.0	-0.1	0.0	-0.0	-0.1

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26.59

NODE	Vxx	Vyy
Cent	-0.0	0.0
1022	-0.0	0.0
570	-0.0	0.0
575	-0.0	0.0
1024	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
65.84	cedime~1	Cent	-54.0	1.0	30.9	14.9	-67.9
76.62		1022	-99.2	23.4	30.9	30.8	-106.6
70.77		570	-99.2	-21.3	30.9	-10.6	-110.0
39.29		575	-8.9	-21.3	30.9	16.5	-46.7
58.78		1024	-8.9	23.4	30.9	42.2	-27.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
26.65	Cent	4.4	0.3	2.8	5.8	-1.1
36.99	1022	0.2	-1.5	2.9	2.3	-3.6
13.41	570	12.8	5.9	1.7	13.2	5.5
23.11	575	1.7	-2.5	2.2	2.7	-3.4
30.03	1024	2.9	-0.9	3.3	4.8	-2.8

NODE	Vxx	Vyy
Cent	-0.0	0.0
1022	-0.0	0.0
570	-0.0	0.0
575	0.0	0.0
1024	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
70.51	perm	Cent	-187.6	-19.8	67.9	4.2	-211.6
81.22		1022	-400.9	28.3	67.9	38.8	-411.4
78.91		570	-400.9	-68.0	67.9	-54.7	-414.2
27.70		575	25.7	-68.0	67.9	61.3	-103.6
45.56		1024	25.7	28.3	67.9	94.9	-40.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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8.13	Cent	15.8	2.0	2.0	16.1	1.7
39.40	1022	2.0	0.3	4.4	5.6	-3.3
-2.67	570	49.1	15.7	-1.6	49.2	15.7
-5.92	575	10.9	-3.0	-1.5	11.1	-3.1
27.76	1024	1.1	-5.1	4.5	3.4	-7.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
1022	-0.0	0.0
570	-0.0	0.0
575	-0.0	0.0
1024	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.14	INV TO~1	Max	Cent	-133.1	-13.4	341.2	251.8	-389.7
63.71			1022	-290.8	132.1	341.2	300.7	-460.1
55.67			570	-290.8	-48.4	341.2	163.5	-502.7
37.81			575	114.0	-48.4	341.2	370.0	-285.0
46.13			1024	114.0	132.1	341.2	460.2	-29.7
86.11		Min	Cent	-821.9	-92.4	46.1	-89.2	-830.0
88.40			1022	-1733.1	15.8	46.1	17.1	-1736.4
86.93			570	-1733.1	-299.3	46.1	-295.1	-1737.2
8.68			575	8.2	-299.3	46.1	24.1	-334.5
44.60			1024	8.2	15.8	46.1	62.6	-222.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
10.35	Max	Cent	70.7	10.6	11.3	72.8	9.1
37.11		1022	25.6	15.6	20.2	40.9	2.4
0.35		570	210.0	68.6	0.9	210.0	68.6
1.41		575	56.0	-1.0	1.5	56.0	-1.0
35.77		1024	9.3	-3.8	20.9	24.4	-17.0
-23.08	Min	Cent	10.6	1.1	-5.0	12.8	-1.0
55.82		1022	-3.3	-4.1	0.8	-2.1	-7.3
-24.06		570	36.7	11.3	-14.2	43.0	4.9
-23.31		575	8.4	-13.7	-14.8	15.6	-19.2
0.75		1024	-6.5	-25.8	0.2	-6.5	-26.4

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	NODE	Vxx	Vyy
Max	Cent	-0.0	0.0
	1022	-0.0	0.0
	570	-0.0	0.0
	575	-0.0	0.0
Min	1024	-0.0	0.0
	Cent	-0.1	0.0
	1022	-0.2	0.0
	570	-0.2	0.0
	575	-0.1	0.0
	1024	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.14	INV TO~2	Max	Cent	-133.1	-13.4	341.2	251.8	-389.7
63.71			1022	-290.8	132.1	341.2	300.7	-460.1
55.67		570		-290.8	-48.4	341.2	163.5	-502.7
37.81			575	114.0	-48.4	341.2	370.0	-259.9
46.13		1024		114.0	132.1	341.2	460.2	-29.7
86.11			Min	Cent	-821.9	-92.4	46.1	-89.2
88.40		1022		-1733.1	15.8	46.1	17.1	-1736.4
86.93			570	-1733.1	-299.3	46.1	-295.1	-1737.2
8.68		575		8.2	-299.3	46.1	24.1	-334.5
44.60			1024	8.2	15.8	46.1	62.6	-222.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
10.35	Max	Cent	70.7	10.6	11.3	72.8	9.1	
37.11		1022	25.6	15.6	20.2	40.9	2.4	
0.35		570		210.0	68.6	0.9	210.0	68.6
1.41			575	56.0	-1.0	1.5	56.0	-1.0
35.77		1024		9.3	-3.8	20.9	24.4	-17.0
-23.08			Min	Cent	10.6	1.1	-5.0	12.8
55.82		1022		-3.3	-4.1	0.8	-2.1	-9.6
-24.06			570	36.7	11.3	-14.2	43.0	4.9
-23.31		575		8.4	-13.7	-14.8	15.6	-19.2
0.75			1024	-6.5	-25.8	0.2	-6.5	-26.4

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.0
	1022	-0.0	0.0

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	570	-0.0	0.0
	575	-0.0	0.0
	1024	-0.0	0.0
Min	Cent	-0.1	0.0
	1022	-0.2	0.0
	570	-0.2	0.0
	575	-0.1	0.0
	1024	-0.1	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

490	2	15	c mob-a	Max	Cent	39.1	12.4	22.3	51.7	-0.2
	29.51				1018	31.3	17.1	22.3	47.5	0.8
	36.18				560	31.3	11.9	22.3	45.9	-2.7
	33.27				570	83.8	11.9	22.3	90.1	5.6
	15.89				1022	83.8	17.1	22.3	90.5	10.4
	16.86			Min	Cent	-222.0	-46.1	-182.8	68.8	-336.9
	-57.85				1018	-5.5	-34.4	-182.8	163.3	-203.3
	-42.74				560	-5.5	-63.8	-182.8	150.4	-219.8
	-40.47				570	-475.2	-63.8	-182.8	5.6	-544.7
	-69.19				1022	-475.2	-34.4	-182.8	31.5	-541.2
	-70.17									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	27.7	9.6	1.7	27.9	9.4
	5.15				1018	30.7	13.9	1.8	30.9	13.7
	5.98				560	26.7	7.2	2.9	27.1	6.7
	8.23				570	58.0	19.7	2.5	58.1	19.5
	3.73				1022	8.9	5.2	1.4	9.4	4.7
	18.75			Min	Cent	-5.3	-1.9	-3.8	0.5	-7.7
	-56.85				1018	-4.9	-2.2	-3.6	0.3	-7.4
	-55.05				560	-6.4	-1.9	-2.6	-0.7	-7.7
	-65.27				570	-9.0	-2.7	-2.8	-1.6	-10.1
	-68.95				1022	-4.1	-3.6	-4.0	0.1	-7.9
	-46.74									

				NODE	Vxx	Vyy				

				Max	Cent	0.0	0.0			
					1018	0.0	0.0			
					560	0.0	0.0			
					570	0.0	0.0			
					1022	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					1018	-0.0	-0.0			

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560 -0.0 -0.0
 570 -0.1 -0.0
 1022 -0.1 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.83	c mob-b Max	Cent	30.1	9.9	16.0	38.9	1.1
19.73		1018	55.7	16.9	16.0	61.5	11.2
17.27		560	55.7	9.3	16.0	60.7	4.3
15.04		570	64.5	9.3	16.0	68.8	5.0
16.94		1022	64.5	16.9	16.0	69.4	12.0
-58.27	Min	Cent	-436.2	-92.5	-344.2	120.3	-649.1
-42.82		1018	-4.3	-56.7	-344.2	314.7	-375.7
-39.77		560	-4.3	-131.4	-344.2	282.2	-417.8
-69.51		570	-923.8	-131.4	-344.2	-2.7	-1052.4
-70.78		1022	-923.8	-56.7	-344.2	63.3	-1043.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.33	Max Cent	54.9	19.6	2.7	55.1	19.4
4.92		1018	62.3	27.9	3.0	27.6
8.01		560	50.7	13.6	5.3	12.9
3.49		570	110.5	37.4	4.5	110.7
13.93		1022	16.2	8.0	2.2	16.7
-52.26	Min Cent	-4.1	-1.6	-5.0	2.3	-8.0
-51.72		1018	-4.0	-1.9	-4.6	1.8
-62.29		560	-5.0	-1.4	-2.6	-0.0
-63.48		570	-6.7	-2.0	-3.2	-0.4
-44.40		1022	-4.2	-4.5	-5.5	1.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1018	0.0	0.0
	560	0.0	0.0
	570	0.0	0.0
	1022	0.0	0.0
Min	Cent	-0.1	-0.0
	1018	-0.0	-0.0
	560	-0.0	-0.0
	570	-0.1	-0.0
	1022	-0.1	-0.0

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	-353.5	-66.5	-285.5	109.6	-529.5
-58.34		1018	58.1	-30.5	-285.5	302.7	-275.2
-40.59		560	58.1	-102.5	-285.5	274.4	-318.8
-37.15		570	-765.0	-102.5	-285.5	3.6	-871.1
-69.62		1022	-765.0	-30.5	-285.5	67.4	-863.0
-71.07							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	32.4	11.3	0.5	32.4	11.3
1.26		1018	-37.8	-4.8	-4.1	-4.3	-38.3
-83.06		560	76.8	21.9	5.0	77.2	21.4
5.11		570	90.7	30.8	4.7	91.1	30.4
4.44		1022	0.1	-2.7	-4.4	3.3	-5.9
-36.06							
		NODE	Vxx	Vyy			

		Cent	-0.1	0.0			
		1018	-0.1	0.0			
		560	-0.1	-0.0			
		570	-0.1	-0.0			
		1022	-0.1	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-4.5	-0.2	-3.5	1.7	-6.4
-60.68		1018	0.6	0.7	-3.5	4.1	-2.8
-45.55		560	0.6	-1.2	-3.5	3.3	-3.9
-37.84		570	-9.5	-1.2	-3.5	0.1	-10.8
-70.09		1022	-9.5	0.7	-3.5	1.8	-10.6
-72.93							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.5	0.1	-0.1	0.6	0.1
-15.77		1018	0.4	0.2	-0.1	0.5	0.1
-23.46		560	0.6	0.1	-0.1	0.6	0.1
-12.41		570	1.3	0.5	-0.1	1.3	0.5
-4.36		1022	-0.2	-0.2	-0.1	-0.1	-0.3
-36.58							

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NODE	Vxx	Vyy
Cent	-0.0	0.0
1018	-0.0	0.0
560	-0.0	-0.0
570	-0.0	-0.0
1022	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-66.93	cedime~1	Cent	-50.2	-29.3	-10.8	-24.7	-54.8
-11.78		1018	8.0	-41.7	-10.8	10.3	-44.0
-20.49		560	8.0	-16.9	-10.8	12.0	-21.0
-83.33		570	-108.3	-16.9	-10.8	-15.7	-109.6
-80.99		1022	-108.3	-41.7	-10.8	-40.0	-110.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
31.09	Cent	5.7	2.5	3.0	7.5	0.8
57.42	1018	-2.0	0.8	3.0	2.8	-3.9
22.16	560	11.4	3.8	3.7	12.9	2.3
15.23	570	11.7	2.4	2.7	12.5	1.6
55.47	1022	1.5	3.1	2.1	4.6	0.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
1018	-0.0	-0.0
560	-0.0	0.0
570	-0.0	0.0
1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-58.57	perm	Cent	-190.1	-37.7	-148.6	53.1	-280.9
-40.54		1018	26.2	-20.4	-148.6	153.3	-147.5
-37.35		560	26.2	-55.1	-148.6	139.6	-168.5
-69.88		570	-406.3	-55.1	-148.6	-0.6	-460.7
-71.20		1022	-406.3	-20.4	-148.6	30.2	-456.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
1.45	Cent	23.6	8.0	0.4	23.6	7.9

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2.99	1018	20.2	9.6	0.6	20.3	9.5
6.58	560	23.2	6.3	2.0	23.5	6.1
2.86	570	49.3	16.3	1.6	49.4	16.2
5.99	1022	1.8	-0.4	0.2	1.8	-0.4

NODE	Vxx	Vyy
Cent	-0.0	0.0
1018	-0.0	0.0
560	-0.0	-0.0
570	-0.0	-0.0
1022	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-58.34	INV TO~1	Max	Cent	-137.2	-21.0	-118.5	215.5	-211.1
-42.30			1018	109.4	2.7	-118.5	576.8	-76.3
-38.76			560	109.4	-38.9	-118.5	527.8	-106.5
-68.50			570	-293.2	-38.9	-118.5	7.7	-339.9
-70.88			1022	-293.2	2.7	-118.5	115.5	-334.8
-58.96		Min	Cent	-829.1	-192.0	-624.0	27.5	-1211.2
-33.69			1018	18.7	-138.7	-624.0	180.5	-685.5
-29.68			560	18.7	-249.3	-624.0	169.0	-750.4
-70.23			570	-1761.7	-249.3	-624.0	-25.1	-1985.9
-72.24			1022	-1761.7	-138.7	-624.0	2.4	-1973.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
5.94	Max	Cent	103.4	36.9	7.0	104.1	36.2
4.56		1018	104.3	48.0	7.6	104.6	47.0
9.52		560	103.0	28.6	12.9	105.2	26.4
4.21		570	210.1	69.3	10.4	210.9	68.5
20.95		1022	25.2	13.5	5.2	27.2	11.5
-24.28	Min	Cent	16.5	5.3	-6.3	19.4	2.5
-25.23		1018	11.7	6.6	-5.6	12.9	3.4
-8.18		560	14.5	3.7	-1.6	14.8	3.5
-6.02		570	37.1	12.7	-2.6	37.4	12.4
-40.05		1022	-3.9	-6.4	-7.2	2.1	-12.5

NODE	Vxx	Vyy
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	Company		Client	
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-----
Max   Cent   -0.0    0.0
      1018   0.0    0.0
      560   0.0   -0.0
      570  -0.0  -0.0
      1022  -0.0   0.0
Min   Cent   -0.1    0.0
      1018  -0.0   0.0
      560  -0.0  -0.0
      570  -0.2  -0.0
      1022  -0.2   0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-58.34	INV TO~2	Max Cent	-137.2	-21.0	-118.5	215.5	-211.1
-42.30		1018	109.4	2.7	-118.5	576.8	-76.3
-38.76		560	109.4	-38.9	-118.5	527.8	-106.5
-68.50		570	-293.2	-38.9	-118.5	7.7	-339.9
-70.88		1022	-293.2	2.7	-118.5	115.5	-334.8
-58.96		Min Cent	-829.1	-192.0	-624.0	27.5	-1211.2
-33.69		1018	18.7	-138.7	-624.0	180.5	-685.5
-29.68		560	18.7	-249.3	-624.0	169.0	-750.4
-70.23		570	-1761.7	-249.3	-624.0	-25.1	-1985.9
-72.24		1022	-1761.7	-138.7	-624.0	2.4	-1973.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

5.94	Max Cent	103.4	36.9	7.0	104.1	36.2
4.56		1018	104.3	48.0	104.6	47.0
9.52		560	103.7	29.5	105.2	29.0
4.21		570	210.1	69.3	210.9	68.5
20.95		1022	25.2	13.5	27.2	11.5
-24.28	Min Cent	16.5	5.3	-6.3	19.4	2.5
-83.06		1018	-51.1	-6.4	-5.6	-51.7
-8.18		560	14.5	3.7	-1.6	14.8
-6.02		570	37.1	12.7	-2.6	37.4
-40.05		1022	-3.9	-6.4	-7.2	2.1

```

-----
Max   Cent   -0.0    0.0
      1018   0.0    0.0
      560   0.0   -0.0
      570  -0.0  -0.0
    
```

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	1022	-0.0	0.0
Min	Cent	-0.1	0.0
	1018	-0.2	0.0
	560	-0.2	-0.0
	570	-0.2	-0.0
	1022	-0.2	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

529	2	15	c mob-a	Max	Cent	1.1	0.2	0.4	1.3	0.0
					816	3.2	9.3	0.4	9.3	3.2
					3	3.2	0.4	0.4	3.2	0.4
					8	2.2	0.4	0.4	2.3	0.3
					817	2.2	9.3	0.4	9.3	2.2
				Min	Cent	-189.5	-24.4	-55.3	-7.6	-206.3
					816	-21.4	-0.2	-55.3	45.5	-67.2
					3	-21.4	-57.7	-55.3	18.7	-97.8
					8	-361.7	-57.7	-55.3	-47.9	-371.5
					817	-361.7	-0.2	-55.3	8.0	-370.0

					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	12.4	1.5	0.6	12.4	1.4
					816	3.7	0.0	0.5	3.8	-0.0
					3	12.2	0.6	0.7	12.3	0.6
					8	33.2	11.3	0.8	33.2	11.2
					817	1.8	1.1	0.6	2.1	0.8
				Min	Cent	-0.1	-0.1	-2.6	2.6	-2.7
					816	-1.0	-3.7	-3.3	1.2	-5.9
					3	-0.6	-3.4	-1.0	-0.3	-3.7
					8	-0.2	-0.1	-1.4	1.2	-1.5
					817	-1.4	-0.4	-3.6	2.8	-4.5

					NODE	Vxx	Vyy			

				Max	Cent	0.0	0.0			
					816	0.0	0.0			
					3	0.0	0.0			
					8	0.0	0.0			
					817	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					816	-0.0	-0.0			
					3	-0.0	-0.0			
					8	-0.0	-0.0			

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			817	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

23.08	c mob-b	Max Cent	0.9	0.2	0.4	1.1	-0.0	
82.19		816	6.2	9.0	0.4	9.0	6.1	
3.89		3	6.2	0.4	0.4	6.2	0.3	
14.39		8	1.8	0.4	0.4	1.9	0.3	
86.86		817	1.8	9.0	0.4	9.0	1.8	
-73.22		Min Cent	-191.2	-24.1	-55.4	-7.4	-207.9	
-49.96		816	-19.9	-0.5	-55.4	46.1	-66.5	
-35.85		3	-19.9	-56.6	-55.4	20.2	-96.6	
-80.14		8	-365.9	-56.6	-55.4	-46.9	-375.5	
-81.56		817	-365.9	-0.5	-55.4	7.7	-374.1	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

3.28		Max Cent	12.4	1.4	0.6	12.5	1.4	
9.27		816	3.7	0.0	0.6	3.8	-0.1	
3.55		3	12.0	0.5	0.7	12.1	0.5	
2.23		8	33.4	11.2	0.9	33.4	11.1	
33.12		817	1.7	1.2	0.6	2.1	0.8	
-45.00		Min Cent	-0.2	-0.2	-3.0	2.9	-3.2	
-38.88		816	-2.2	-3.8	-3.7	0.8	-6.8	
-24.25		3	-1.4	-3.8	-1.4	-0.8	-4.5	
-46.04		8	-0.2	-0.1	-1.7	1.5	-1.8	
-50.89		817	-2.5	-0.8	-4.1	2.6	-5.8	
		NODE	Vxx	Vyy				
		Max Cent	0.0	0.0				
		816	0.0	0.0				
		3	0.0	0.0				
		8	0.0	0.0				
		817	0.0	0.0				
		Min Cent	-0.0	-0.0				
		816	-0.0	-0.0				
		3	-0.0	-0.0				
		8	-0.0	-0.0				
		817	-0.0	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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	pp	Cent	-597.3	-79.4	-174.8	-25.9	-650.7
-72.99		816	-57.0	30.5	-174.8	166.9	-193.4
-52.02		3	-57.0	-189.2	-174.8	63.8	-309.9
-34.64		8	-1137.6	-189.2	-174.8	-158.0	-1168.8
-79.88		817	-1137.6	30.5	-174.8	56.1	-1163.2
-81.67							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	40.0	4.8	-5.8	41.0	3.9
-9.19		816	11.0	-11.5	-8.2	13.7	-14.2
-18.01		3	40.2	-8.2	-0.8	40.3	-8.2
-0.90		8	103.4	35.4	-1.4	103.4	35.4
-1.15		817	5.4	3.6	-8.8	13.4	-4.3
-42.09							
		NODE	Vxx	Vyy			

		Cent	-0.1	-0.0			
		816	-0.0	-0.0			
		3	-0.0	-0.0			
		8	-0.1	-0.0			
		817	-0.1	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-6.6	-1.1	-1.7	-0.6	-7.1
-74.26		816	-0.5	0.5	-1.7	1.7	-1.8
-53.16		3	-0.5	-2.6	-1.7	0.4	-3.5
-29.39		8	-12.6	-2.6	-1.7	-2.3	-12.9
-80.71		817	-12.6	0.5	-1.7	0.7	-12.8
-82.76							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	0.4	0.1	-0.1	0.4	0.1
-11.48		816	0.1	-0.1	-0.1	0.2	-0.2
-20.76		3	0.4	-0.1	-0.0	0.4	-0.1
-3.30		8	1.2	0.4	-0.0	1.2	0.4
-1.39		817	0.0	0.0	-0.1	0.1	-0.1
-48.24							
		NODE	Vxx	Vyy			

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```

Cent      -0.0      -0.0
816       -0.0      -0.0
3         -0.0      -0.0
8         -0.0      -0.0
817       -0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.42	cedime~1	Cent	164.8	27.2	55.4	184.4	7.7
44.17		816	0.1	-3.2	55.4	53.9	-57.0
58.71		3	0.1	57.5	55.4	91.2	-33.6
11.08		8	329.6	57.5	55.4	340.4	46.7
9.21		817	329.6	-3.2	55.4	338.6	-12.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-82.45	Cent	-7.7	-0.6	-1.0	-0.5	-7.8
-9.59	816	9.8	6.2	-0.6	9.9	6.1
-83.35	3	-18.5	0.3	-2.2	0.5	-18.8
-85.13	8	-36.1	-12.7	-2.0	-12.5	-36.3
-2.23	817	14.1	3.8	-0.4	14.1	3.8

```

NODE      Vxx      Vyy
Cent      0.0      0.0
816       0.0      0.0
3         0.0      0.0
8         0.1      0.0
817       0.1      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-73.46	perm	Cent	-231.2	-30.1	-65.5	-10.7	-250.7
-51.05		816	-17.9	10.2	-65.5	63.1	-70.8
-34.05		3	-17.9	-70.5	-65.5	26.4	-114.7
-80.35		8	-444.6	-70.5	-65.5	-59.4	-455.7
-81.97		817	-444.6	10.2	-65.5	19.4	-453.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-12.21	Cent	14.8	1.6	-3.0	15.5	0.9
-21.91	816	3.5	-4.6	-3.9	5.0	-6.2

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-2.64	3	14.5	-3.8	-0.8	14.6	-3.8
-2.57	8	40.8	13.8	-1.2	40.9	13.7
-47.02	817	0.4	1.0	-4.3	5.0	-3.5

NODE	Vxx	Vyy
Cent	-0.0	-0.0
816	-0.0	-0.0
3	-0.0	-0.0
8	-0.0	-0.0
817	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-81.50	INV TO~1	Max	Cent	-64.9	-2.7	-9.5	-1.3	-66.3
-50.67			816	-9.5	22.7	-9.5	124.5	-12.3
-35.05			3	-9.5	-12.4	-9.5	51.6	-20.5
-84.60			8	-112.0	-12.4	-9.5	-11.5	-112.9
-82.19			817	-112.0	22.7	-9.5	31.6	-112.7
-73.32		Min	Cent	-489.4	-63.1	-140.3	-21.1	-531.4
-73.39			816	-46.8	6.4	-140.3	22.4	-161.7
-40.68			3	-46.8	-148.4	-140.3	-1.3	-246.8
-80.22			8	-938.5	-148.4	-140.3	-124.2	-962.7
-82.29			817	-938.5	6.4	-140.3	17.9	-958.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-4.35	Max	Cent	31.6	3.6	-2.1	31.7	3.4	
-11.93			816	18.3	1.7	-3.1	19.1	0.9
0.20			3	31.1	-2.7	0.1	31.1	-3.0
-0.05			8	85.9	29.0	-0.1	85.9	29.0
-35.02			817	16.9	6.4	-3.4	18.3	5.2
-34.57	Min	Cent	6.9	0.7	-8.1	12.4	-4.8	
-29.99			816	0.5	-9.7	-9.5	5.6	-14.9
-37.04			3	-5.9	-9.0	-4.9	-2.2	-12.4
-36.17			8	4.4	0.9	-5.5	8.4	-3.1
-44.09			817	-3.0	-0.0	-10.2	6.2	-11.4

NODE	Vxx	Vyy	
Max	Cent	0.0	-0.0

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		816	0.0	-0.0
		3	0.0	-0.0
		8	0.0	-0.0
		817	0.0	-0.0
Min	Cent		-0.1	-0.0
		816	-0.0	-0.0
		3	-0.0	-0.0
		8	-0.1	-0.0
		817	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-64.9	-2.7	-9.5	-1.3	-66.3
-81.50			816	-9.5	41.2	-9.5	225.3	-12.3
-52.02			3	-9.5	-12.4	-9.5	86.1	-20.5
-34.64			8	-112.0	-12.4	-9.5	-11.5	-112.9
-84.60			817	-112.0	41.2	-9.5	75.7	-112.7
-81.67		Min	Cent	-806.3	-107.1	-235.9	-35.0	-878.5
-72.99			816	-76.9	6.4	-235.9	22.4	-261.1
-73.39			3	-76.9	-255.4	-235.9	-1.3	-418.4
-40.68			8	-1535.8	-255.4	-235.9	-213.3	-1577.8
-79.88			817	-1535.8	6.4	-235.9	17.9	-1570.3
-82.29								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	54.0	6.5	-2.1	55.3	5.3	
-9.19		816	18.3	1.7	-3.1	19.1	0.9	
-11.93		3	54.3	-2.7	0.1	54.3	-3.0	
-0.90		8	139.6	47.8	-0.1	139.6	47.8	
-1.15		817	16.9	6.4	-3.4	18.3	5.2	
-35.02		Min	Cent	6.9	0.7	-8.1	12.4	-4.8
-34.57			816	0.5	-15.6	-11.1	5.6	-19.2
-29.99			3	-5.9	-11.1	-4.9	-2.2	-12.4
-37.04			8	4.4	0.9	-5.5	8.4	-3.1
-36.17			817	-3.0	-0.0	-11.9	6.2	-11.4
-44.09								

	NODE	Vxx	Vyy

Max	Cent	0.0	-0.0
	816	0.0	-0.0
	3	0.0	-0.0
	8	0.0	-0.0
	817	0.0	-0.0
Min	Cent	-0.1	-0.0

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816 -0.0 -0.0
 3 -0.0 -0.0
 8 -0.1 -0.0
 817 -0.1 -0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
530	2	15	c mob-a	Max Cent	1.2	0.3	152.5	153.3	-151.7
44.92				817	2.2	0.4	152.5	153.8	-151.2
44.83				8	2.2	0.6	152.5	153.9	-151.1
44.85				13	0.2	0.6	152.5	152.9	-152.1
45.04				819	0.2	0.4	152.5	152.8	-152.2
45.02				Min Cent	-202.1	-35.7	-1.0	-35.7	-202.1
-89.64				817	-365.0	-4.1	-1.0	-4.1	-365.0
-89.84				8	-365.0	-67.5	-1.0	-67.5	-365.0
-89.80				13	-39.2	-67.5	-1.0	-39.2	-67.6
-2.09				819	-39.2	-4.1	-1.0	-4.1	-39.2
-88.31									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	13.0	2.9	0.9	13.0	2.9
5.08				817	1.7	0.4	1.3	2.5	-0.3
31.83				8	34.3	15.0	0.6	34.3	15.0
1.65				13	14.9	0.1	0.5	15.0	0.1
1.88				819	2.7	0.1	1.2	3.1	-0.3
21.51				Min Cent	-0.1	-0.1	-1.4	1.4	-1.5
-44.91				817	-1.4	-0.4	-0.9	0.2	-2.0
-58.30				8	-0.2	-0.1	-2.9	2.7	-3.0
-45.66				13	-0.2	-1.9	-2.6	1.7	-3.8
-36.04				819	-1.4	-1.9	-0.7	-0.9	-2.4
-35.87									
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				817	0.0	0.0			
				8	0.0	0.0			
				13	0.0	0.0			
				819	0.0	0.0			
				Min Cent	-0.0	-0.0			
				817	-0.0	-0.0			
				8	-0.0	-0.0			
				13	-0.0	-0.0			
				819	-0.0	-0.0			

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.94	c mob-b	Max Cent	1.0	0.3	155.7	156.4	-155.1
44.90		817	1.8	0.7	155.7	157.0	-154.5
44.89		8	1.8	0.6	155.7	156.9	-154.5
45.02		13	0.3	0.6	155.7	156.2	-155.3
45.03		819	0.3	0.7	155.7	156.2	-155.2
-89.71		Min Cent	-204.9	-37.7	-0.8	-37.7	-204.9
-89.87		817	-370.0	-4.5	-0.8	-4.5	-370.0
-89.84		8	-370.0	-71.4	-0.8	-71.4	-370.0
-1.53		13	-39.8	-71.4	-0.8	-39.8	-71.4
-88.63		819	-39.8	-4.5	-0.8	-4.5	-39.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.75	Max Cent	13.1	3.0	0.8	13.2	2.9
32.85	817	1.6	0.4	1.3	2.4	-0.4
1.78	8	34.7	15.5	0.6	34.7	15.5
2.27	13	14.8	0.1	0.6	14.8	0.1
21.60	819	2.7	0.1	1.2	3.2	-0.3
-44.42	Min Cent	-0.1	-0.2	-1.8	1.6	-1.9
-61.23	817	-2.5	-0.8	-1.3	-0.1	-3.2
-45.48	8	-0.2	-0.1	-3.3	3.1	-3.4
-35.52	13	-0.2	-2.2	-3.0	2.0	-4.3
-45.12	819	-2.5	-2.5	-1.1	-1.4	-3.6

NODE	Vxx	Vyy
Max Cent	0.0	0.0
817	0.0	0.0
8	0.0	0.0
13	0.0	0.0
819	0.0	0.0
Min Cent	-0.0	-0.0
817	-0.0	-0.0
8	-0.0	-0.0
13	-0.0	-0.0
819	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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59.37	pp	Cent	-629.2	-103.6	479.0	180.0	-912.8
69.89		817	-1144.9	-11.6	479.0	163.8	-1320.2
67.37		8	-1144.9	-195.7	479.0	4.0	-1344.6
42.55		13	-113.5	-195.7	479.0	326.2	-635.4
48.04		819	-113.5	-11.6	479.0	419.2	-544.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-2.68		Cent	40.7	8.9	-1.5	40.8	8.8
15.65		817	4.7	1.3	1.0	5.0	1.0
-6.36		8	106.7	46.4	-6.8	107.5	45.6
-7.00		13	45.2	-6.5	-6.4	46.0	-7.3
6.75		819	6.1	-5.6	1.4	6.3	-5.7

NODE	Vxx	Vyy
Cent	-0.1	0.0
817	-0.1	0.0
8	-0.1	0.0
13	-0.0	0.0
819	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
59.22	vento -y	Cent	-6.9	-0.7	5.8	2.8	-10.3
68.54		817	-12.5	-0.1	5.8	2.1	-14.8
67.29		8	-12.5	-1.2	5.8	1.2	-14.9
45.24		13	-1.3	-1.2	5.8	4.5	-7.0
47.80		819	-1.3	-0.1	5.8	5.1	-6.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-5.28		Cent	0.4	0.1	-0.0	0.4	0.1
69.55		817	-0.0	-0.0	0.0	-0.0	-0.0
-6.10		8	1.2	0.5	-0.1	1.2	0.4
-8.25		13	0.6	-0.0	-0.1	0.6	-0.1
-8.55		819	0.0	-0.1	-0.0	0.0	-0.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
817	-0.0	0.0

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8 -0.0 0.0
 13 -0.0 0.0
 819 -0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-31.15	cedime~1	Cent	177.8	26.7	-144.0	264.9	-60.4
-20.89		817	329.4	7.1	-144.0	384.4	-47.8
-22.74		8	329.4	46.2	-144.0	389.8	-14.1
-46.99		13	26.2	46.2	-144.0	180.5	-108.1
-43.11		819	26.2	7.1	-144.0	161.0	-127.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-68.67		Cent	-6.5	-0.5	-2.7	0.6	-7.5
-17.10		817	14.2	3.9	-3.5	15.2	2.9
-87.15		8	-37.7	-17.9	-1.0	-17.9	-37.7
-86.82		13	-16.7	4.1	-1.2	4.1	-16.8
-24.25		819	14.4	8.0	-3.6	16.1	6.3

 NODE Vxx Vyy

 Cent 0.0 -0.0
 817 0.1 -0.0
 8 0.1 -0.0
 13 0.0 -0.0
 819 0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

59.07	perm	Cent	-248.5	-43.8	191.3	70.8	-363.1
69.59		817	-448.7	-5.8	191.3	65.4	-519.9
66.90		8	-448.7	-81.8	191.3	-0.2	-530.3
42.49		13	-48.3	-81.8	191.3	127.0	-257.1
48.17		819	-48.3	-5.8	191.3	165.5	-219.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-5.78		Cent	15.6	3.5	-1.2	15.7	3.3
-39.57		817	0.1	-0.1	-0.4	0.4	-0.4
-7.81		8	42.3	18.8	-3.3	42.8	18.3

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-8.17	13	18.3	-2.4	-3.0	18.8	-2.9
-2.45	819	1.5	-2.5	-0.2	1.5	-2.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
817	-0.0	0.0
8	-0.0	0.0
13	-0.0	0.0
819	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.11	INV TO~1	Max	Cent	-69.1	-16.7	401.5	269.1	-301.8
59.38			817	-116.3	2.3	401.5	232.8	-321.3
49.49			8	-116.3	-34.8	401.5	185.2	-336.3
43.82			13	-21.7	-34.8	401.5	337.5	-157.8
46.53			819	-21.7	2.3	401.5	375.8	-98.4
80.89		Min	Cent	-525.1	-94.7	45.9	-60.7	-596.9
85.75			817	-948.1	-11.9	45.9	-1.3	-985.2
76.87			8	-948.1	-178.3	45.9	-134.0	-992.4
29.26			13	-102.0	-178.3	45.9	-50.1	-466.3
63.87			819	-102.0	-11.9	45.9	17.8	-428.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-0.06	Max	Cent	33.3	7.5	-0.0	33.3	7.5	
-9.96			817	16.5	4.5	1.3	16.9	4.1
-2.87			8	89.1	39.8	-2.5	89.3	39.6
-3.16			13	38.5	1.8	-2.3	38.7	1.2
-8.69			819	19.6	5.7	1.5	20.0	5.3
-31.90		Min	Cent	9.0	2.7	-6.4	13.0	-1.2
-57.83			817	-3.3	-1.2	-5.7	0.2	-4.7
-39.07			8	4.3	0.7	-8.7	11.4	-6.3
-40.32			13	1.4	-5.4	-8.2	8.3	-8.3
-20.16			819	-1.9	-5.9	-5.4	-1.2	-6.5

NODE	Vxx	Vyy	
Max	Cent	0.0	0.0
	817	0.0	0.0
	8	0.0	0.0

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	13	0.0	0.0
	819	0.0	0.0
Min	Cent	-0.1	-0.0
	817	-0.1	-0.0
	8	-0.1	-0.0
	13	-0.0	-0.0
	819	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.11	INV TO~2	Max Cent	-69.1	-16.7	646.7	269.1	-301.8
59.38		817	-116.3	2.3	646.7	232.8	-321.3
49.49		8	-116.3	-34.8	646.7	185.2	-336.3
42.55		13	-21.7	-34.8	646.7	440.4	-157.8
48.04		819	-21.7	2.3	646.7	565.9	-98.4
80.89	Min	Cent	-849.4	-139.9	45.9	-60.7	-1232.3
85.75		817	-1545.6	-15.6	45.9	-1.3	-1782.3
76.87		8	-1545.6	-264.2	45.9	-134.0	-1815.2
29.26		13	-153.2	-264.2	45.9	-50.1	-857.8
63.87		819	-153.2	-15.6	45.9	17.8	-734.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-2.68	Max Cent	54.9	12.0	-0.0	55.0	11.9
-9.96		817	16.5	4.5	16.9	4.1
-6.36		8	144.0	62.6	-2.5	145.1
-7.00		13	61.0	1.8	-2.3	62.1
-8.69		819	19.6	5.7	1.9	20.0
-31.90	Min Cent	9.0	2.7	-6.4	13.0	-1.2
-57.83		817	-3.3	-1.2	-5.7	0.2
-39.07		8	4.3	0.7	-9.2	11.4
-40.32		13	1.4	-8.8	-8.7	8.3
-20.16		819	-1.9	-7.5	-5.4	-1.2

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	817	0.0	0.0
	8	0.0	0.1
	13	0.0	0.1
	819	0.0	0.0
Min	Cent	-0.1	-0.0
	817	-0.1	-0.0
	8	-0.1	-0.0

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
				13	-0.1	-0.0			
				819	-0.1	-0.0			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
567	2	15	c mob-a	Max	Cent	8.1	310.7	91.6	336.3
					882	1.7	232.1	91.6	264.1
					193	1.7	389.3	91.6	409.9
					198	15.8	389.3	91.6	410.6
					884	15.8	232.1	91.6	265.7
				Min	Cent	-2.9	-1.4	-55.9	53.7
					882	-6.0	-1.1	-55.9	52.3
					193	-6.0	-1.7	-55.9	52.0
					198	-4.6	-1.7	-55.9	52.7
					884	-4.6	-1.1	-55.9	53.0

ELEM	MAT	SEC	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	12.3	2.8	5.0	14.4
					882	10.9	4.2	5.3	13.9
					193	35.6	9.7	4.5	36.3
					198	42.3	11.8	4.3	42.9
					884	11.3	5.7	5.2	14.4
				Min	Cent	-5.7	-4.2	-4.2	-0.7
					882	-19.6	-10.0	-4.7	-8.1
					193	-16.8	-6.4	-4.0	-5.0
					198	-12.9	-4.9	-3.4	-3.6
					884	-22.5	-10.5	-4.2	-9.2

				NODE	Vxx	Vyy			
				Max	Cent	0.0	0.0		
					882	0.0	0.0		
					193	0.0	0.0		
					198	0.0	0.0		
					884	0.0	0.0		
				Min	Cent	-0.1	-0.0		
					882	-0.1	-0.0		
					193	-0.1	-0.0		
					198	-0.1	-0.0		
					884	-0.1	-0.0		

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

72.49	c mob-b	Max	Cent	8.2	338.5	115.7	375.0	-28.3
68.71			882	2.2	254.0	115.7	299.1	-42.9
75.59			193	2.2	423.0	115.7	452.7	-27.6
75.19			198	15.9	423.0	115.7	453.6	-14.7
67.91			884	15.9	254.0	115.7	300.9	-31.1
-46.05		Min	Cent	-6.3	-1.0	-72.4	68.8	-76.1
-46.71			882	-9.4	-0.8	-72.4	67.4	-77.7
-46.63			193	-9.4	-1.2	-72.4	67.2	-77.8
-46.15			198	-7.0	-1.2	-72.4	68.4	-76.6
-46.23			884	-7.0	-0.8	-72.4	68.6	-76.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.14		Max	Cent	14.9	3.7	5.9	17.4	1.2
26.45			882	15.7	6.2	6.3	18.9	3.1
9.62			193	41.2	11.4	5.2	42.1	10.5
7.81			198	49.3	13.9	5.0	50.0	13.2
27.35			884	16.6	7.9	6.1	19.7	4.8
-50.32		Min	Cent	-5.8	-4.0	-4.9	0.1	-9.8
-66.53			882	-20.3	-10.1	-5.5	-7.7	-22.7
-73.60			193	-21.5	-7.2	-4.6	-5.9	-22.8
-72.58			198	-17.2	-5.8	-4.0	-4.5	-18.5
-71.75			884	-24.2	-11.2	-4.8	-9.6	-25.8

NODE Vxx Vyy

			Vxx	Vyy
Max	Cent		0.0	0.0
	882		0.0	0.0
	193		0.0	0.0
	198		0.0	0.0
	884		0.0	0.0
Min	Cent		-0.1	-0.0
	882		-0.1	-0.0
	193		-0.1	-0.0
	198		-0.1	-0.0
	884		-0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
84.82	pp	Cent	13.0	748.3	67.2	754.4	6.9

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	882	8.8	552.5	67.2	560.6	0.6
83.06						
	193	8.8	944.2	67.2	949.0	4.0
85.92						
	198	17.3	944.2	67.2	949.1	12.5
85.88						
	884	17.3	552.5	67.2	560.8	9.0
82.96						

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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ANGLE	Cent	-19.4	-11.4	-0.0	-11.4	-19.4
-89.70	882	-88.0	-33.0	-0.5	-33.0	-88.0
-89.53	193	43.9	6.8	0.9	43.9	6.8
1.33	198	39.9	5.1	-0.2	39.9	5.0
-0.37	884	-73.2	-24.3	-1.5	-24.2	-73.2
-88.20						

NODE	Vxx	Vyy
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Cent	-0.1	-0.0
882	-0.1	-0.0
193	-0.1	0.0
198	-0.1	0.0
884	-0.1	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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ANGLE	vento -y	Cent	0.4	8.9	0.6	8.9	0.4
85.93		882	0.1	10.9	0.6	10.9	0.1
86.78		193	0.1	6.9	0.6	7.0	0.1
84.92		198	0.7	6.9	0.6	7.0	0.6
84.49		884	0.7	10.9	0.6	10.9	0.6
86.61							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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ANGLE	Cent	-0.1	-0.2	-0.1	-0.0	-0.2
-35.83	882	-0.1	-0.2	-0.1	-0.1	-0.3
-35.81	193	-0.1	-0.2	-0.1	-0.1	-0.2
-31.51	198	0.1	-0.1	-0.1	0.1	-0.2
-22.45	884	-0.2	-0.1	-0.1	-0.0	-0.2
-54.27						

NODE	Vxx	Vyy
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Cent	-0.0	-0.0
882	-0.0	-0.0
193	-0.0	-0.0
198	-0.0	-0.0

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
884			-0.0	-0.0			
ANGLE							

	cedime~1	Cent	-1.2	-91.4	-3.4	-1.0	-91.6
-2.18		882	-0.1	-70.7	-3.4	0.0	-70.9
-2.78		193	-0.1	-112.1	-3.4	-0.0	-112.2
-1.76		198	-2.2	-112.1	-3.4	-2.1	-112.2
-1.79		884	-2.2	-70.7	-3.4	-2.0	-70.9
-2.87							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							


		Cent	-3.7	-2.0	-0.4	-1.9	-3.8
-77.28		882	-1.1	-0.9	-0.4	-0.6	-1.5
-52.70		193	-6.0	-2.6	-0.4	-2.5	-6.1
-82.87		198	-6.4	-2.8	-0.4	-2.7	-6.4
-83.90		884	-1.1	-1.5	-0.4	-0.9	-1.8
-30.22							
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		882	0.0	0.0			
		193	0.0	0.0			
		198	0.0	0.0			
		884	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	-1.4	256.3	21.8	258.2	-3.3
85.20		882	-1.8	190.9	21.8	193.3	-4.2
83.63		193	-1.8	321.8	21.8	323.2	-3.3
86.16		198	-1.1	321.8	21.8	323.2	-2.5
86.16		884	-1.1	190.9	21.8	193.4	-3.5
83.60							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	3.1	-0.2	0.2	3.1	-0.2
4.34		882	6.4	0.6	0.4	6.5	0.5
3.71		193	-0.8	-1.6	0.5	-0.6	-1.8
25.63		198	-0.9	-2.1	0.0	-0.9	-2.1
1.22							

PROJECT TITLE :

	Company		Client	
	Author		File Name	
				impalcatoUP8-UP9-rev6-OUT.anl

-0.83 884 7.6 2.3 -0.1 7.6 2.3

NODE	Vxx	Vyy
Cent	0.0	-0.0
882	0.0	-0.0
193	0.0	0.0
198	0.0	0.0
884	0.0	-0.0

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Cent	9.6	713.3	178.0	755.7	-30.2	
	882	1.1	533.8	178.0	587.8	-39.7	
	193	1.1	892.8	178.0	927.0	-31.0	
	198	20.3	892.8	178.0	927.7	-14.6	
	884	20.3	533.8	178.0	589.4	-35.3	
	Min	Cent	-11.1	163.0	-79.4	193.8	-41.9
		882	-14.7	118.6	-79.4	155.6	-57.6
		193	-14.7	207.3	-79.4	232.8	-40.2
		198	-12.7	207.3	-79.4	233.0	-38.4
		884	-12.7	118.6	-79.4	156.0	-50.1

ANGLE

76.58 INV TO~1 Max Cent 9.6 713.3 178.0 755.7 -30.2

73.12 882 1.1 533.8 178.0 587.8 -39.7

79.12 193 1.1 892.8 178.0 927.0 -31.0

78.90 198 20.3 892.8 178.0 927.7 -14.6

72.63 884 20.3 533.8 178.0 589.4 -35.3

-68.81 Min Cent -11.1 163.0 -79.4 193.8 -41.9

-65.00 882 -14.7 118.6 -79.4 155.6 -57.6

-72.21 193 -14.7 207.3 -79.4 232.8 -40.2

-72.09 198 -12.7 207.3 -79.4 233.0 -38.4

-64.80 884 -12.7 118.6 -79.4 156.0 -50.1

NODE	Mxx	Myy	Mxy	Mmax	Mmin		
Max	Cent	23.1	4.7	8.2	26.2	1.7	
	882	27.7	8.9	8.9	31.2	5.4	
	193	54.8	13.7	7.5	56.1	12.4	
	198	65.7	16.7	6.7	66.6	15.8	
	884	30.0	13.1	8.1	33.3	9.8	
	Min	Cent	-8.4	-7.9	-6.7	-1.4	-14.9
		882	-22.1	-14.0	-7.4	-9.6	-26.5
		193	-35.8	-14.0	-6.1	-12.4	-37.4
		198	-30.6	-12.6	-5.8	-10.9	-32.3
		884	-26.2	-14.3	-6.9	-11.1	-29.3

ANGLE

20.78 Max Cent 23.1 4.7 8.2 26.2 1.7

21.74 882 27.7 8.9 8.9 31.2 5.4

10.05 193 54.8 13.7 7.5 56.1 12.4

7.66 198 65.7 16.7 6.7 66.6 15.8

21.98 884 30.0 13.1 8.1 33.3 9.8

-46.13 Min Cent -8.4 -7.9 -6.7 -1.4 -14.9

-59.37 882 -22.1 -14.0 -7.4 -9.6 -26.5

-75.32 193 -35.8 -14.0 -6.1 -12.4 -37.4

-73.68 198 -30.6 -12.6 -5.8 -10.9 -32.3

-65.25 884 -26.2 -14.3 -6.9 -11.1 -29.3

NODE	Vxx	Vyy	
Max	Cent	0.1	0.0
	882	0.1	0.0
	193	0.1	0.0
	198	0.1	0.0
	884	0.1	0.0

Max	NODE	Vxx	Vyy
	Cent	0.1	0.0
	882	0.1	0.0
	193	0.1	0.0
	198	0.1	0.0
	884	0.1	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	Cent	-0.1	-0.0
	882	-0.1	-0.0
	193	-0.1	-0.0
	198	-0.1	-0.0
	884	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
84.82	INV TO~2	Max	Cent	17.6	1010.3	178.0	1018.5	9.4
83.06			882	11.8	745.8	178.0	756.9	0.8
85.92			193	11.8	1274.7	178.0	1281.2	5.3
85.88			198	23.3	1274.7	178.0	1281.2	16.8
82.96			884	23.3	745.8	178.0	757.0	12.1
-68.81		Min	Cent	-11.1	163.0	-79.4	193.8	-41.9
-65.00			882	-14.7	118.6	-79.4	155.6	-57.6
-72.21			193	-14.7	207.3	-79.4	232.8	-40.2
-72.09			198	-12.7	207.3	-79.4	233.0	-38.4
-64.80			884	-12.7	118.6	-79.4	156.0	-50.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
20.78	Max	Cent	23.1	4.7	8.2	26.2	1.7	
21.74			882	27.7	8.9	31.2	5.4	
1.33			193	59.2	13.7	59.2	12.4	
7.66			198	65.7	16.7	66.6	15.8	
21.98			884	30.0	13.1	33.3	9.8	
-89.70	Min	Cent	-26.1	-15.3	-6.7	-15.3	-26.1	
-89.53			882	-118.8	-44.5	-7.4	-44.5	-118.8
-75.32			193	-35.8	-14.0	-6.1	-12.4	-37.4
-73.68			198	-30.6	-12.6	-5.8	-10.9	-32.3
-88.20			884	-98.8	-32.8	-6.9	-32.7	-98.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	882	0.1	0.0
	193	0.1	0.0
	198	0.1	0.0
	884	0.1	0.0
Min	Cent	-0.2	-0.0
	882	-0.2	-0.0
	193	-0.2	-0.0
	198	-0.2	-0.0
	884	-0.2	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
568	2	15	c mob-a	Max	Cent	5.4	307.1	89.9	331.9	-19.3
74.60					884	15.2	229.8	89.9	262.5	-17.5
70.01					198	15.2	384.4	89.9	405.2	-5.5
77.01					205	11.2	384.4	89.9	405.0	-9.3
77.13					886	11.2	229.8	89.9	262.1	-21.0
70.27				Min	Cent	-24.9	-1.5	-51.1	39.2	-65.6
-51.45					884	-4.2	-1.2	-51.1	48.4	-53.8
-45.86					198	-4.2	-1.8	-51.1	48.1	-54.1
-45.68					205	-61.4	-1.8	-51.1	27.5	-90.7
-60.13					886	-61.4	-1.2	-51.1	28.0	-90.6
-60.26										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	11.7	2.8	4.0	13.3	1.3
21.08					884	11.3	5.8	4.6	13.9	3.2
29.61					198	42.1	11.7	3.9	42.6	11.2
7.12					205	42.1	12.6	3.5	42.5	12.2
6.59					886	6.0	2.9	4.3	9.0	-0.2
34.99				Min	Cent	-2.9	-3.7	-2.8	-0.4	-6.1
-41.08					884	-22.4	-10.2	-3.2	-9.4	-23.1
-76.23					198	-13.0	-5.7	-3.3	-4.4	-14.3
-69.01					205	-2.0	-2.2	-2.4	0.3	-4.4
-43.74					886	-25.6	-14.3	-2.9	-13.6	-26.3
-76.44										
				NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0			
					884	0.0	0.0			
					198	0.0	0.0			
					205	0.0	0.0			
					886	0.0	0.0			
				Min	Cent	-0.1	-0.0			
					884	-0.1	-0.0			
					198	-0.1	-0.0			
					205	-0.1	-0.0			
					886	-0.1	-0.0			
				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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73.03          c mob-b Max Cent      7.4      335.7      110.4      369.4      -26.2
68.90          884      15.7      259.3      110.4      301.9      -26.9
75.61          198      15.7      417.9      110.4      446.2      -12.6
75.52          205      18.7      417.9      110.4      446.4      -9.8
68.73          886      18.7      259.3      110.4      302.3      -24.3
-51.06         Min Cent     -30.2     -1.0     -68.0      53.9      -85.1
-46.18         884      -6.4     -0.8     -68.0      64.4      -71.6
-46.09         198      -6.4     -1.2     -68.0      64.2      -71.8
-58.67         205     -71.5     -1.2     -68.0      40.1     -112.9
-58.74         886     -71.5     -0.8     -68.0      40.4     -112.8

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          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
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20.17         Max Cent      14.2      3.4      4.6      15.9      1.8
25.48         884      16.6      8.0      5.3      19.1      5.5
6.93          198      49.2     13.7      4.4      49.8     13.1
6.42          205      48.0     14.3      3.8      48.5     13.8
31.91         886      9.1      4.3      4.9      12.2      1.2
-41.14        Min Cent     -2.5     -3.4     -3.4      0.5      -6.4
-75.09        884     -24.1    -10.9     -3.8     -9.9     -25.1
-72.81        198     -17.4     -6.0     -3.9     -4.8     -18.6
-49.07        205     -4.1     -3.2     -3.1     -0.6     -6.8
-73.33        886    -27.2    -15.5     -3.8    -14.3    -28.3

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          NODE      Vxx      Vyy
-----
Max Cent      0.0      0.0
      884      0.0      0.0
      198      0.0      0.0
      205      0.0      0.0
      886      0.0      0.0
Min Cent     -0.1     -0.0
      884     -0.1     -0.0
      198     -0.1     -0.0
      205     -0.1     -0.0
      886     -0.1     -0.0

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
84.99         pp      Cent      11.1     739.5     64.3     745.1      5.5
83.09         884      14.6     537.9     64.3     545.7      6.8

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.05	198	14.6	941.1	64.3	945.5	10.2
86.08	205	7.6	941.1	64.3	945.5	3.2
83.18	886	7.6	537.9	64.3	545.6	-0.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-34.91	Cent	-4.8	-6.8	-2.7	-2.9	-8.7
-82.95	884	-73.1	-24.0	-6.2	-23.2	-73.9
0.64	198	39.7	4.4	0.4	39.7	4.4
-1.28	205	28.9	3.5	-0.6	28.9	3.5
-52.04	886	-14.7	-11.1	-7.1	-5.6	-20.3

NODE	Vxx	Vyy
Cent	-0.1	0.0
884	-0.1	0.0
198	-0.1	-0.0
205	-0.0	-0.0
886	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-------	----	------	-----	-----	-----	------	------

81.72	vento -y	Cent	-0.1	8.7	1.3	8.8	-0.3
82.57		884	0.6	10.4	1.3	10.6	0.4
78.69		198	0.6	6.9	1.3	7.1	0.3
80.65		205	-0.9	6.9	1.3	7.1	-1.1
83.49		886	-0.9	10.4	1.3	10.6	-1.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

-35.64	Cent	-0.0	-0.1	-0.2	0.1	-0.2
-51.77	884	-0.2	-0.1	-0.1	0.0	-0.3
-25.42	198	0.0	-0.1	-0.1	0.1	-0.2
-11.35	205	0.8	0.1	-0.1	0.8	0.1
-67.33	886	-0.7	-0.3	-0.2	-0.3	-0.7

NODE	Vxx	Vyy
Cent	-0.0	0.0
884	-0.0	0.0
198	-0.0	-0.0
205	-0.0	-0.0
886	-0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.31	cedime~1	Cent	5.3	-89.0	-3.8	5.5	-89.1
-3.25		884	-1.5	-68.3	-3.8	-1.2	-68.5
-2.01		198	-1.5	-109.6	-3.8	-1.3	-109.8
-1.79		205	12.1	-109.6	-3.8	12.2	-109.8
-2.71		886	12.1	-68.3	-3.8	12.2	-68.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-83.39		Cent	-3.7	-2.0	-0.2	-2.0	-3.7
-25.81		884	-1.1	-1.5	-0.3	-1.0	-1.7
-85.92		198	-6.4	-2.8	-0.3	-2.8	-6.4
-87.06		205	-8.7	-3.5	-0.3	-3.5	-8.7
-9.87		886	1.5	-0.1	-0.3	1.5	-0.1
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		884	0.0	-0.0			
		198	0.0	-0.0			
		205	0.0	-0.0			
		886	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
85.86	perm	Cent	-1.3	253.4	18.5	254.7	-2.7
84.43		884	-2.0	186.3	18.5	188.1	-3.8
86.72		198	-2.0	320.5	18.5	321.5	-3.0
86.71		205	-0.7	320.5	18.5	321.5	-1.8
84.39		886	-0.7	186.3	18.5	188.1	-2.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-16.61		Cent	4.0	0.1	-1.3	4.4	-0.3
-10.69		884	7.6	2.4	-1.0	7.8	2.2
-22.77		198	-0.9	-2.1	-0.6	-0.7	-2.4
-7.38		205	9.7	1.5	-1.1	9.9	1.3
-34.07		886	-0.3	-1.5	-1.5	0.7	-2.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.0	0.0
884	0.0	0.0
198	0.0	-0.0
205	-0.0	-0.0
886	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
77.17	INV TO~1	Max	Cent	14.0	706.5	167.6	744.7	-27.6
73.52			884	19.2	536.3	167.6	585.9	-30.4
79.41			198	19.2	884.6	167.6	915.9	-12.1
79.35			205	36.6	884.6	167.6	916.1	1.9
73.39			886	36.6	536.3	167.6	586.3	-18.6
-71.14		Min	Cent	-42.1	162.4	-77.0	188.7	-63.1
-64.91			884	-12.1	116.4	-77.0	152.4	-48.1
-72.53			198	-12.1	208.4	-77.0	232.6	-36.3
-76.16			205	-97.2	208.4	-77.0	227.4	-109.8
-71.31			886	-97.2	116.4	-77.0	142.4	-115.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
13.90	Max	Cent	23.2	4.7	4.9	24.4	3.5
18.04		884	30.0	13.2	6.1	32.0	11.2
6.10		198	65.5	16.3	5.3	66.1	15.8
4.34		205	74.6	20.8	4.1	74.9	20.4
23.17		886	13.5	4.3	5.2	15.6	2.1
-37.48	Min	Cent	-3.6	-6.9	-6.1	1.1	-11.6
-66.78		884	-26.0	-13.9	-6.4	-11.1	-28.8
-72.74		198	-30.8	-13.1	-6.1	-11.2	-32.7
-40.32		205	-4.6	-6.4	-5.5	0.1	-11.0
-68.72		886	-37.0	-22.5	-7.0	-19.8	-39.6

NODE	Vxx	Vyy
Max		
Cent	0.0	0.0
884	0.1	0.0
198	0.1	0.0
205	0.0	0.0
886	0.0	0.0
Min		
Cent	-0.1	-0.0
884	-0.1	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

198 -0.1 -0.0
 205 -0.1 -0.0
 886 -0.1 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
84.99	INV TO~2	Max Cent	15.0	998.3	167.6	1005.9	7.4
83.09		884	19.8	726.2	167.6	736.7	9.2
86.05		198	19.8	1270.5	167.6	1276.5	13.8
86.08		205	36.6	1270.5	167.6	1276.4	4.3
83.18		886	36.6	726.2	167.6	736.6	-0.1
-71.14		Min Cent	-42.1	162.4	-77.0	188.7	-63.1
-64.91		884	-12.1	116.4	-77.0	152.4	-48.1
-72.53		198	-12.1	208.4	-77.0	232.6	-36.3
-76.16		205	-97.2	208.4	-77.0	227.4	-109.8
-71.31		886	-97.2	116.4	-77.0	142.4	-115.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.90	Max Cent	23.2	4.7	4.9	24.4	3.5
18.04	884	30.0	13.2	6.1	32.0	11.2
6.10	198	65.5	16.3	5.3	66.1	15.8
4.34	205	74.6	20.8	4.1	74.9	20.4
23.17	886	13.5	4.3	5.2	15.6	2.1
-34.91	Min Cent	-6.5	-9.2	-6.1	-3.9	-11.7
-82.95	884	-98.7	-32.4	-8.3	-31.3	-99.7
-72.74	198	-30.8	-13.1	-6.1	-11.2	-32.7
-40.32	205	-4.6	-6.4	-5.5	0.1	-11.0
-68.72	886	-37.0	-22.5	-9.6	-19.8	-39.6

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	884	0.1	0.0
	198	0.1	0.0
	205	0.0	0.0
	886	0.0	0.0
Min	Cent	-0.1	-0.0
	884	-0.2	-0.0
	198	-0.2	-0.0
	205	-0.1	-0.0
	886	-0.1	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

607	2	15	c mob-a	Max	Cent	2.3	0.6	1.3	3.0	-0.1
28.09					1016	21.2	25.6	1.3	26.0	20.8
75.11					557	21.2	0.6	1.3	21.2	0.5
3.55					567	5.1	0.6	1.3	5.4	0.3
14.83					1020	5.1	25.6	1.3	25.7	5.0
86.45				Min	Cent	-320.8	-55.1	-318.1	156.8	-532.7
-56.33					1016	-2.6	-12.6	-318.1	310.6	-325.8
-44.55					557	-2.6	-115.2	-318.1	264.2	-382.0
-39.98					567	-653.9	-115.2	-318.1	32.3	-801.4
-65.13					1020	-653.9	-12.6	-318.1	118.4	-784.9
-67.61										

					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	2.8	1.0	2.7	4.7	-0.9
35.86					1016	1.7	4.1	2.0	5.3	0.6
60.41					557	1.7	1.4	2.7	4.2	-1.1
43.19					567	6.0	6.3	3.1	9.2	3.0
46.28					1020	13.7	11.2	2.8	15.5	9.4
32.81				Min	Cent	-6.7	-5.5	-5.5	-0.6	-11.7
-48.02					1016	-11.8	-10.3	-5.4	-5.5	-16.6
-49.00					557	-0.3	-4.8	-6.0	3.9	-9.0
-34.77					567	-4.0	-2.9	-4.7	1.3	-8.1
-48.45					1020	-23.2	-20.7	-4.2	-17.6	-26.4
-53.28										

					NODE	Vxx	Vyy			

				Max	Cent	0.0	0.0			
					1016	0.0	0.0			
					557	0.0	0.0			
					567	0.0	0.0			
					1020	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					1016	-0.0	-0.0			
					557	-0.0	-0.0			
					567	-0.0	-0.0			
					1020	-0.0	-0.0			

			LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

			c mob-b	Max	Cent	3.4	2.1	1.6	4.5	1.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

33.81							
		1016	21.7	34.2	1.6	34.4	21.5
82.71							
		557	21.7	0.8	1.6	21.9	0.6
4.41							
		567	8.2	0.8	1.6	8.6	0.4
11.76							
		1020	8.2	34.2	1.6	34.3	8.1
86.43							
	Min	Cent	-343.4	-54.9	-349.7	179.1	-577.5
-56.21							
		1016	-2.6	-16.0	-349.7	340.5	-359.1
-44.45							
		557	-2.6	-120.4	-349.7	293.1	-416.2
-40.22							
		567	-698.0	-120.4	-349.7	44.4	-862.7
-64.77							
		1020	-698.0	-16.0	-349.7	131.4	-845.4
-67.14							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6.3	3.1	6.3	11.2
37.80							-1.8
			1016	6.5	5.6	4.8	10.9
42.52							1.2
			557	1.7	3.3	6.2	8.7
48.73							-3.7
			567	5.5	5.1	6.1	11.5
44.01							-0.8
			1020	29.8	24.7	4.8	32.8
31.10							21.8
	Min	Cent	-6.2	-5.2	-5.4	-0.4	-11.1
-47.65							
			1016	-11.5	-16.1	-5.0	-8.3
-32.73							-19.3
			557	-0.8	-4.4	-5.4	3.1
-35.80							-8.4
			567	-8.6	-6.6	-4.8	-2.6
-50.94							-12.5
			1020	-21.4	-19.5	-4.3	-16.1
-51.36							-24.9

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1016	0.0	0.0
		557	0.0	0.0
		567	0.0	0.0
		1020	0.0	0.0
	Min	Cent	-0.0	-0.0
		1016	-0.0	-0.0
		557	-0.0	-0.0
		567	-0.0	-0.0
		1020	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-359.0	-54.3	-354.1	178.8	-592.2
-56.64							
		1016	26.3	27.8	-354.1	381.1	-327.1
-45.06							
		557	26.3	-136.4	-354.1	308.2	-418.4
-38.53							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-65.32	567	-744.4	-136.4	-354.1	26.3	-907.1
-68.74	1020	-744.4	27.8	-354.1	165.6	-882.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

25.81	Cent	3.9	-0.2	2.6	5.1	-1.5
2.77	1016	-3.1	-15.0	0.6	-3.0	-15.0
41.89	557	1.7	1.2	2.5	4.0	-1.0
58.85	567	-7.7	-4.7	2.9	-2.9	-9.5
8.06	1020	24.6	17.6	1.0	24.7	17.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
1016	0.0	-0.0
557	0.0	0.0
567	0.0	0.0
1020	0.0	-0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-56.73	vento -y	Cent	-1.9	0.2	-2.4	1.7	-3.4
-41.18		1016	0.4	-0.2	-2.4	2.5	-2.2
-45.60		557	0.4	0.5	-2.4	2.8	-1.9
-67.53		567	-4.2	0.5	-2.4	1.5	-5.1
-65.13		1020	-4.2	-0.2	-2.4	0.9	-5.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-52.81	Cent	-0.5	-0.3	-0.4	0.1	-0.9
-74.40	1016	-0.4	0.8	-0.4	0.9	-0.5
-35.97	557	-0.0	-0.3	-0.5	0.3	-0.7
-39.10	567	0.7	0.5	-0.4	1.0	0.2
-59.24	1020	-2.3	-2.0	-0.3	-1.9	-2.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
1016	-0.0	0.0
557	-0.0	-0.0
567	-0.0	-0.0
1020	-0.0	0.0

LC

NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	cedime~1	Cent	204.5	37.7	174.4	314.5	-72.2
32.22		1016	-16.7	17.4	174.4	175.6	-174.9
47.80		557	-16.7	58.0	174.4	199.0	-157.8
51.05		567	425.8	58.0	174.4	495.3	-11.6
21.75		1020	425.8	17.4	174.4	490.1	-46.9
20.26							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	9.1	5.8	8.6	16.2	-1.3
39.52	1016	12.7	-3.4	8.1	16.1	-6.7
22.62	557	-1.2	6.1	9.6	12.7	-7.8
55.30	567	-9.5	-9.1	7.2	-2.1	-16.5
45.82	1020	34.4	29.6	5.7	38.2	25.8
33.70						

NODE	Vxx	Vyy
Cent	0.0	-0.0
1016	0.0	-0.0
557	0.0	0.0
567	0.0	0.0
1020	0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-121.9	-19.6	-132.2	71.0	-212.5
-55.58		1016	6.5	14.8	-132.2	142.9	-121.7
-45.90		557	6.5	-53.9	-132.2	111.9	-159.3
-38.57		567	-250.3	-53.9	-132.2	12.6	-316.8
-63.30		1020	-250.3	14.8	-132.2	69.4	-305.0
-67.53							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2.1	0.2	2.0	3.4	-1.0
32.14	1016	0.1	-6.7	1.2	0.3	-6.9
9.55	557	0.2	0.7	1.9	2.4	-1.5
48.80	567	-3.5	-2.4	2.0	-0.9	-5.0
52.94	1020	11.7	9.3	1.2	12.2	8.8
22.82						

NODE	Vxx	Vyy
Cent	0.0	-0.0
1016	0.0	-0.0
557	0.0	0.0
567	0.0	0.0
1020	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      0.0      -0.0
          1016     0.0      -0.0
          557      0.0       0.0
          567      0.0       0.0
          1020     0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-56.07	INV TO~1	Max Cent	87.2	21.0	44.4	312.7	-1.3
-44.77		1016	35.8	78.4	44.4	602.4	-4.7
-39.86		557	35.8	5.2	44.4	507.5	-32.9
13.04		567	186.6	5.2	44.4	196.9	-5.1
-67.22		1020	186.6	78.4	44.4	246.9	62.5
-55.57		Min Cent	-585.6	-93.9	-604.4	72.4	-992.2
61.88		1016	-13.8	-6.9	-604.4	102.1	-606.4
40.56		557	-13.8	-216.4	-604.4	57.1	-721.0
-62.81		567	-1192.5	-216.4	-604.4	14.0	-1481.3
-69.55		1020	-1192.5	-6.9	-604.4	109.5	-1446.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

37.94	Max Cent	19.8	10.2	19.0	34.6	-3.2
26.34		1016	21.6	0.9	15.8	-3.8
51.97		557	2.5	11.2	19.9	-4.5
47.10		567	4.6	6.1	17.5	-4.9
31.22		1020	86.4	72.3	13.5	94.6
-44.15	Min Cent	-6.9	-7.2	-5.5	-1.6	-12.6
-22.28		1016	-15.8	-31.7	-6.2	-13.3
54.52		557	-2.0	-5.8	-6.2	2.7
64.34		567	-24.6	-20.3	-4.5	-19.0
-48.05		1020	-19.7	-18.7	-4.5	-14.6

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1016	0.0	0.0
	557	0.0	0.0
	567	0.1	0.0
	1020	0.1	0.0
Min	Cent	-0.0	-0.0
	1016	-0.0	-0.1
	557	-0.0	-0.0
	567	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
			1020	-0.0	-0.1			
	INV TO~2	Max	Cent	87.2	21.0	44.4	312.7	-1.3
-56.07			1016	35.8	78.4	44.4	602.4	-4.7
-44.77			557	35.8	5.2	44.4	507.5	-32.9
-39.86			567	186.6	5.2	44.4	196.9	-5.1
13.04			1020	186.6	78.4	44.4	246.9	62.5
-67.22		Min	Cent	-585.6	-93.9	-604.4	72.4	-992.2
-55.57			1016	-13.8	-6.9	-604.4	102.1	-606.4
61.88			557	-13.8	-216.4	-604.4	57.1	-721.0
40.56			567	-1192.5	-216.4	-604.4	14.0	-1481.3
-62.81			1020	-1192.5	-6.9	-604.4	109.5	-1446.3
-69.55								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
		Max	Cent	19.8	10.2	19.0	34.6	-2.0
37.94			1016	21.6	0.9	15.8	29.4	-3.8
26.34			557	2.5	11.2	19.9	26.8	-1.4
51.97			567	4.6	6.1	17.5	15.6	-4.9
47.10			1020	86.4	72.3	13.5	94.6	64.1
31.22		Min	Cent	-6.9	-7.2	-5.5	-1.6	-12.6
-44.15			1016	-15.8	-31.7	-6.2	-13.3	-31.8
-22.28			557	-2.0	-5.8	-6.2	2.7	-14.2
54.52			567	-24.6	-20.3	-4.5	-19.0	-25.9
64.34			1020	-19.7	-18.7	-4.5	-14.6	-23.8
-48.05								

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1016	0.0	0.0
	557	0.0	0.0
	567	0.1	0.0
	1020	0.1	0.0
Min	Cent	-0.0	-0.0
	1016	-0.0	-0.1
	557	-0.0	-0.0
	567	-0.0	-0.0
	1020	-0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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608      2      15  c mob-a  Max  Cent      2.4      1.1      184.5      186.2      -182.7
44.90
                                1020      5.0      56.7      184.5      217.1      -155.4
48.98
                                567      5.0      6.4      184.5      190.2      -178.7
45.11
                                578      70.8      6.4      184.5      225.9      -148.6
40.05
                                1025      70.8      56.7      184.5      248.3      -120.9
43.90
                                Min  Cent  -296.6    -40.6     -4.1     -40.5     -296.6
-89.07
                                1020    -650.2    -21.4     -4.1     -21.4     -650.3
-89.62
                                567    -650.2    -114.2     -4.1    -114.2     -650.3
-89.56
                                578     -0.3    -114.2     -4.1     -0.2     -114.4
-2.08
                                1025     -0.3    -21.4     -4.1      0.4     -22.2
-10.75
                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
                                Max  Cent      3.1      1.6      6.8      9.2      -4.5
42.01
                                1020     13.5     10.5      4.2     16.4      7.5
35.33
                                567      5.9      5.1      5.6     11.1      -0.1
42.78
                                578      1.3      1.1      8.3      9.6      -7.1
44.51
                                1025      3.4      2.3      6.8      9.7      -4.0
42.72
                                Min  Cent     -6.0     -5.9     -2.7     -3.3     -8.6
-45.35
                                1020    -24.4    -24.6     -2.0    -22.5    -26.5
-43.66
                                567     -3.9     -2.6     -2.6     -0.6     -5.9
-52.42
                                578     -0.6     -4.6     -2.8      0.9     -6.0
-27.41
                                1025     -9.9     -7.4     -2.2     -6.2    -11.1
-60.12
                                NODE      Vxx      Vyy
-----
                                Max  Cent      0.0      0.0
                                1020      0.0      0.0
                                567      0.0      0.0
                                578      0.0      0.0
                                1025      0.0      0.0
                                Min  Cent     -0.0     -0.0
                                1020     -0.0     -0.0
                                567     -0.0     -0.0
                                578     -0.0     -0.0
                                1025     -0.0     -0.0
                                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
                                c mob-b  Max  Cent      3.8      1.5      164.9      167.5      -162.2
44.80
                                1020      7.7      58.1      164.9      199.7      -133.9
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

49.34							
		567	7.7	9.0	164.9	173.3	-156.5
45.11							
		578	75.8	9.0	164.9	210.6	-125.8
39.27							
		1025	75.8	58.1	164.9	232.1	-98.2
43.46							
	Min	Cent	-310.2	-47.2	-6.9	-47.0	-310.4
-88.49							
		1020	-693.8	-46.3	-6.9	-46.2	-693.9
-89.39							
		567	-693.8	-114.7	-6.9	-114.6	-693.9
-89.31							
		578	-0.3	-114.7	-6.9	0.1	-115.1
-3.46							
		1025	-0.3	-46.3	-6.9	0.7	-47.3
-8.39							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	6.7	4.0	6.7	12.1	-1.4
39.17							
		1020	29.6	24.3	4.2	31.9	22.0
29.07							
		567	5.2	4.1	5.5	10.2	-0.8
42.12							
		578	0.9	3.3	8.2	10.4	-6.1
49.24							
		1025	7.8	2.3	6.8	12.4	-2.3
33.87							
	Min	Cent	-5.3	-6.0	-4.8	-0.9	-10.5
-42.94							
		1020	-22.8	-24.3	-3.2	-20.3	-26.8
-38.61							
		567	-8.4	-6.0	-4.3	-2.7	-11.7
-52.66							
		578	-1.2	-4.1	-5.2	2.8	-8.0
-37.22							
		1025	-6.0	-9.6	-3.8	-3.5	-12.0
-32.30							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1020	0.0	0.0
		567	0.0	0.0
		578	0.0	0.0
		1025	0.0	0.0
	Min	Cent	-0.0	-0.0
		1020	-0.0	-0.0
		567	-0.0	-0.0
		578	-0.0	-0.0
		1025	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-336.6	-57.4	181.4	31.9	-425.9
63.79							
		1020	-745.3	1.6	181.4	43.3	-787.0
77.05							
		567	-745.3	-116.4	181.4	-67.8	-793.9
75.01							
		578	72.1	-116.4	181.4	182.3	-226.5
31.27							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

39.50		1025	72.1	1.6	181.4	221.6	-147.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-12.36		Cent	5.1	-0.1	-1.2	5.3	-0.3
-2.38		1020	23.7	14.7	-0.4	23.7	14.7
-67.60		567	-7.8	-5.0	-1.4	-4.4	-8.4
-68.76		578	-0.3	1.2	-0.7	1.4	-0.6
1.25		1025	4.8	-11.2	0.3	4.8	-11.2
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		1020	0.0	0.0			
		567	0.0	-0.0			
		578	0.0	-0.0			
		1025	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

63.89	vento -y	Cent	-1.8	0.9	1.8	1.8	-2.7
77.40		1020	-3.9	3.5	1.8	3.9	-4.3
61.44		567	-3.9	-1.7	1.8	-0.7	-4.9
30.05		578	0.4	-1.7	1.8	1.4	-2.7
66.06		1025	0.4	3.5	1.8	4.3	-0.4
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

51.78		Cent	-0.5	-0.4	0.3	-0.2	-0.7
77.11		1020	-2.4	-2.1	0.1	-2.1	-2.4
29.57		567	0.6	0.4	0.2	0.7	0.2
35.22		578	0.0	-0.2	0.4	0.3	-0.5
76.19		1025	-0.3	0.5	0.2	0.5	-0.4
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		1020	-0.0	-0.0			
		567	-0.0	0.0			
		578	-0.0	0.0			
		1025	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-25.07          cedime~1      Cent      186.7      1.8      -110.7      238.5      -50.0
-12.10                                1020      415.0      -77.9      -110.7      438.7      -101.6
-16.79                                567       415.0      81.4       -110.7      448.4       48.0
-59.52                                578       -41.6      81.4       -110.7      146.6      -106.7
-40.34                                1025      -41.6      -77.9      -110.7      52.5       -171.9

                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-39.70                                Cent      9.3       7.8       -4.0       12.6       4.5
-11.91                                1020      35.5      33.4       -0.5       35.6      33.3
-59.56                                567       -8.6      -6.1       -2.3       -4.8      -9.9
-58.28                                578       -1.7      4.1        -5.8       7.7       -5.3
-16.85                                1025      12.1      0.0        -4.0      13.4      -1.2

                                NODE      Vxx      Vyy
-----
                                Cent      0.0      0.0
                                1020      0.0      0.0
                                567       0.0     -0.0
                                578       0.0     -0.0
                                1025      0.0      0.0

                                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
perm          Cent      -112.2   -21.1    52.2     2.6     -135.9
65.57                                1020     -250.7   -9.5    52.2     1.3     -261.5
78.31                                567     -250.7  -32.7    52.2    -20.9   -262.6
77.22                                578      26.3   -32.7    52.2     56.7    -63.1
30.25                                1025     26.3   -9.5    52.2     63.5    -46.7
35.51

                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-12.04                                Cent      2.6      0.6     -0.4     2.7     0.5
2.76                                1020     11.4     8.2      0.2    11.4     8.2
-75.39                                567      -3.4     -2.2     -0.4    -2.1    -3.5
-69.29                                578      -0.3     0.6     -0.4     0.8    -0.5
0.82                                1025      2.7     -4.1     0.1     2.7    -4.1

                                NODE      Vxx      Vyy
-----
                                Cent      0.0      0.0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1020 0.0 0.0
 567 0.0 -0.0
 578 0.0 -0.0
 1025 0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
49.15	INV TO~1	Max Cent	79.6	-17.3	301.2	241.3	-165.4
32.13		1020	174.7	68.9	301.2	294.3	-128.6
36.68		567	174.7	60.9	301.2	316.5	-81.0
38.04		578	128.7	60.9	301.2	364.4	-116.9
42.16		1025	128.7	68.9	301.2	401.5	-88.1
84.57		Min Cent	-531.0	-84.9	-68.0	-80.8	-535.0
-83.84		1020	-1187.4	-149.9	-68.0	-142.6	-1189.0
87.55		567	-1187.4	-187.5	-68.0	-185.6	-1189.2
-28.19		578	-15.7	-187.5	-68.0	20.7	-256.2
-22.68		1025	-15.7	-149.9	-68.0	12.7	-203.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
26.72	Max Cent	21.0	13.8	8.8	23.4	11.4
20.37		1020	86.8	74.4	5.8	88.8
45.20		567	4.6	4.7	7.2	-2.6
49.74		578	1.5	9.2	10.9	-2.4
10.89		1025	25.4	-1.0	9.3	26.4
-40.99	Min Cent	-5.5	-7.5	-10.9	0.5	-13.5
-33.70		1020	-21.6	-25.1	-4.6	-18.8
-56.24		567	-23.4	-16.4	-8.4	-10.8
-38.17		578	-3.6	-5.5	-13.2	3.9
-28.98		1025	-10.7	-17.1	-9.1	-7.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1020	0.1	0.1
	567	0.1	0.0
	578	0.0	0.0
	1025	0.0	0.1
Min	Cent	-0.0	-0.0
	1020	-0.0	-0.0
	567	-0.0	-0.0
	578	-0.0	-0.0
	1025	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
49.15	INV TO~2	Max Cent	79.6	-17.3	301.2	241.3	-165.4
32.13		1020	174.7	68.9	301.2	294.3	-128.6
36.68		567	174.7	60.9	301.2	316.5	-81.0
38.04		578	128.7	60.9	301.2	364.4	-116.9
42.16		1025	128.7	68.9	301.2	401.5	-88.1
84.57		Min Cent	-531.0	-84.9	-68.0	-80.8	-574.9
-83.84		1020	-1187.4	-149.9	-68.0	-142.6	-1189.0
87.55		567	-1187.4	-187.5	-68.0	-185.6	-1189.2
-28.19		578	-15.7	-187.5	-68.0	20.7	-305.8
-22.68		1025	-15.7	-149.9	-68.0	12.7	-203.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
26.72	Max Cent	21.0	13.8	8.8	23.4	11.4
20.37	1020	86.8	74.4	5.8	88.8	72.4
45.20	567	4.6	4.7	7.2	11.9	-2.6
49.74	578	1.5	9.2	10.9	14.3	-0.8
10.89	1025	25.4	-1.0	9.3	26.4	-2.0
-40.99	Min Cent	-5.5	-7.5	-10.9	0.5	-13.5
-33.70	1020	-21.6	-25.1	-4.6	-18.8	-27.8
-56.24	567	-23.4	-16.4	-8.4	-10.8	-29.0
-68.76	578	-3.6	-5.5	-13.2	1.9	-15.8
-28.98	1025	-10.7	-17.1	-9.1	-7.9	-20.8

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1020	0.1	0.1
	567	0.1	0.0
	578	0.0	0.0
	1025	0.0	0.1
Min	Cent	-0.0	-0.0
	1020	-0.0	-0.0
	567	-0.0	-0.0
	578	-0.0	-0.0
	1025	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

613	1	4	c mob-a	Max	Cent	33.4	8.5	949.9	970.9	-929.0	
44.62											
						646	43.6	3.8	949.9	973.8	-926.4
44.40											
						636	43.6	18.1	949.9	980.8	-919.1
44.62											
						635	34.5	18.1	949.9	976.2	-923.6
44.75											
						645	34.5	3.8	949.9	969.1	-930.8
44.54											
				Min	Cent	-2582.6	-358.7	-33.2	-358.2	-2583.1	
-89.14											
						646	-2117.6	-128.8	-33.2	-128.2	-2118.1
-89.04											
						636	-2117.6	-591.4	-33.2	-590.6	-2118.3
-88.75											
						635	-3048.3	-591.4	-33.2	-590.9	-3048.7
-89.23											
						645	-3048.3	-128.8	-33.2	-128.4	-3048.7
-89.35											

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	15583.5	11837.5	6764.0	20729.1	6692.0	
37.26										
					646	102028.4	5228.7	3771.9	102175.1	5081.9
2.23										
					636	42156.6	41571.8	5268.5	47140.8	36587.6
43.41										
					635	15547.7	186647.6	6684.1	186908.3	15286.9
87.77										
					645	16001.8	9181.9	4918.0	18576.4	6607.4
27.63										
			Min	Cent	-817303.4	-335474.7	-200107.7	-263207.3	-889570.8	
-70.14										
					646	-53334.6	-95748.4	-88296.9	16266.4	-165349.4
-38.25										
					636	-1760457.9	-1307175.4	-151107.3	-1261420.5	-1806212.8
-73.15										
					635	-902855.4	-5003.7	-201108.6	37984.2	-945843.3
-77.93										
					645	-663109.1	-126069.5	-138185.7	-92599.0	-696579.6
-76.38										

NODE Vxx Vyy

	Max	Cent	1041.5	50.0
		646	1751.3	7.3
		636	1751.3	92.8
		635	336.9	92.8
		645	336.9	7.3
	Min	Cent	-27.1	-1623.1
		646	-48.9	-258.0
		636	-48.9	-2988.5
		635	-11.0	-2988.5
		645	-11.0	-258.0

LC

			NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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ANGLE

			c mob-b	Max	Cent	47.2	5.4	925.3	951.8	-899.2	
44.35											
						646	54.3	3.5	925.3	954.5	-896.7
44.21											
						636	54.3	11.2	925.3	958.3	-892.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.33							
		635	43.9	11.2	925.3	952.9	-897.9
44.49							
		645	43.9	3.5	925.3	949.2	-901.8
44.37							
	Min	Cent	-2465.7	-352.7	-26.8	-352.4	-2466.1
-89.27							
		646	-2019.8	-123.8	-26.8	-123.4	-2020.2
-89.19							
		636	-2019.8	-583.6	-26.8	-583.1	-2020.3
-88.93							
		635	-2912.1	-583.6	-26.8	-583.3	-2912.4
-89.34							
		645	-2912.1	-123.8	-26.8	-123.5	-2912.4
-89.45							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	11729.6	7414.1	4830.3	14862.2	4281.4
32.96							
		646	93546.0	2814.6	2498.4	93614.7	2745.9
1.58							
		636	29109.7	26907.4	3799.1	31964.0	24053.1
36.92							
		635	11392.9	183714.5	4852.7	183851.0	11256.3
88.39							
		645	11788.8	4126.0	3501.9	13148.1	2766.7
21.21							
	Min	Cent	-800265.8	-331951.9	-197554.3	-259747.7	-872470.0
-69.92							
		646	-39295.6	-96829.4	-87702.5	24237.4	-160362.4
-35.92							
		636	-1725641.4	-1286785.6	-149329.7	-1240793.2	-1771633.8
-72.88							
		635	-880412.5	-3420.6	-198361.0	39358.6	-923191.7
-77.83							
		645	-650190.0	-127225.3	-136465.1	-93757.2	-683658.1
-76.22							

		NODE	Vxx	Vyy
	Max	Cent	1020.0	32.8
		646	1719.5	5.4
		636	1719.5	60.3
		635	326.0	60.3
		645	326.0	5.4
	Min	Cent	-17.5	-1597.3
		646	-32.4	-253.2
		636	-32.4	-2941.6
		635	-8.6	-2941.6
		645	-8.6	-253.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	-6881.4	-969.9	2665.0	54.2	-7905.4
68.98							
		646	-5574.8	-364.6	2665.0	757.1	-6696.5
67.17							
		636	-5574.8	-1575.1	2665.0	-243.0	-6906.9
63.44							
		635	-8188.0	-1575.1	2665.0	-634.8	-9128.3
70.57							
		645	-8188.0	-364.6	2665.0	456.9	-9009.6
72.87							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-71.42		Cent	-2313212.9	-903529.2	-534121.0	-724014.0	-2492728.0
-27.10		646	90864.0	-238411.1	-228241.9	207651.2	-355198.3
-74.65		636	-4909890.4	-3555925.0	-402057.6	-3445534.9	-5020280.5
-80.33		635	-2582487.5	498383.8	-540640.9	590502.8	-2674606.5
-77.21		645	-1851337.5	-318164.4	-366825.2	-234918.2	-1934583.7

NODE	Vxx	Vyy
Cent	2906.5	-4409.3
646	4819.2	-698.4
636	4819.2	-8120.2
635	993.8	-8120.2
645	993.8	-698.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-71.44	vento -y	Cent	-168.8	-2.8	-62.8	18.3	-189.9
-69.38		646	-143.3	0.0	-62.8	23.7	-167.0
-68.81		636	-143.3	-5.6	-62.8	18.8	-167.7
-73.17		635	-194.3	-5.6	-62.8	13.4	-213.3
-73.55		645	-194.3	0.0	-62.8	18.6	-212.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-13.03		Cent	4183.1	-2902.8	-1732.5	4584.1	-3303.7
-6.45		646	6669.3	-1604.0	-947.5	6776.4	-1711.2
-6.36		636	894.4	-9643.4	-1190.0	1027.1	-9776.1
-13.39		635	8367.5	2095.7	-1583.1	8744.5	1718.7
-19.72		645	801.4	-2459.4	-1340.7	1281.8	-2939.8

NODE	Vxx	Vyy
Cent	-1.4	-11.9
646	4.6	-0.7
636	4.6	-23.2
635	-7.4	-23.2
645	-7.4	-0.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-585.9	-62.5	-111.1	-39.9	-608.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-78.50		646	-478.9	-21.5	-111.1	4.1	-504.5
-77.05		636	-478.9	-103.6	-111.1	-73.2	-509.3
-74.69		635	-692.9	-103.6	-111.1	-83.3	-713.1
-79.67		645	-692.9	-21.5	-111.1	-3.6	-710.8
-80.84							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----		Cent	-87107.5	-54570.4	-34123.3	-33036.0	-108642.0
-57.74		646	48047.2	-16035.0	-15301.4	51513.3	-19501.2
-12.76		636	-235379.8	-218435.3	-25439.3	-200094.5	-253720.6
-54.21		635	-85413.0	39335.8	-33755.5	47883.8	-93961.1
-75.79		645	-75684.5	-23147.2	-23617.6	-14091.2	-84740.5
-69.02							

NODE	Vxx	Vyy
Cent	147.3	-277.6
646	269.9	-39.9
636	269.9	-515.4
635	24.7	-515.4
645	24.7	-39.9

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

-----	perm	Cent	-1636.3	-270.6	763.4	70.8	-1977.7
65.91		646	-1317.8	-94.8	763.4	271.8	-1684.4
64.35		636	-1317.8	-446.3	763.4	-3.1	-1761.1
59.86		635	-1954.7	-446.3	763.4	-127.4	-2273.7
67.33		645	-1954.7	-94.8	763.4	178.4	-2227.9
70.31							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----		Cent	-628677.8	-255734.2	-150289.5	-202709.3	-681702.7
-70.57		646	38960.7	-73363.7	-65390.7	68996.8	-103399.7
-24.67		636	-1350915.4	-994349.5	-113457.2	-961309.6	-1383955.3
-73.76		635	-699225.5	138554.8	-151468.1	165098.8	-725769.5
-80.06		645	-503531.1	-93778.5	-103401.6	-69163.6	-528146.0
-76.61							

NODE	Vxx	Vyy
Cent	804.4	-1233.9
646	1339.6	-199.3
636	1339.6	-2268.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

635 269.1 -2268.4
645 269.1 -199.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

53.90	INV TO~1	Max Cent	-1572.6	-259.1	2045.7	1232.7	-3064.4
52.88		646	-1244.5	-89.6	2045.7	1458.6	-2792.7
50.68		636	-1244.5	-421.9	2045.7	1253.5	-2919.9
54.90		635	-1895.5	-421.9	2045.7	1015.7	-3333.1
56.91		645	-1895.5	-89.6	2045.7	1243.6	-3228.7
83.03		Min Cent	-5708.6	-817.4	607.5	-743.0	-5782.9
82.22		646	-4655.4	-290.1	607.5	-207.2	-4738.4
79.91		636	-4655.4	-1348.3	607.5	-1240.2	-4763.5
83.68		635	-6762.8	-1348.3	607.5	-1281.0	-6830.1
84.68		645	-6762.8	-290.1	607.5	-233.6	-6819.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-71.25	Max Cent	-607640.0	-239753.5	-141158.1	-191833.2	-655560.4
-13.11		646	224746.2	-66305.0	-60298.7	242348.8
-74.56		636	-1294004.0	-938227.5	-106344.7	-908863.7
-81.78		635	-678236.2	429864.9	-142444.6	455334.0
-77.11		645	-481928.6	-81382.8	-96762.3	-59232.3
-69.64	Min Cent	-1819144.9	-763195.5	-454558.3	-594477.6	-1987862.8
-32.57		646	-33041.0	-220118.4	-199892.9	84878.0
-72.58		636	-3962913.3	-2977471.5	-342891.3	-2869902.2
-78.79		635	-2003493.4	131799.9	-456720.1	215643.5
-76.06		645	-1474412.8	-288679.8	-313569.8	-210862.5

	NODE	Vxx	Vyy
Max	Cent	2357.7	-1166.4
	646	3973.8	-189.4
	636	3973.8	-2143.1
	635	748.6	-2143.1
	645	748.6	-189.4
Min	Cent	767.7	-3702.7
	646	1273.6	-587.5
	636	1273.6	-6818.3
	635	254.2	-6818.3
	645	254.2	-587.5

LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~2	Max	Cent					
53.90				-1572.6	-259.1	3597.8	1232.7	-3064.4
52.88			646	-1244.5	-89.6	3597.8	1458.6	-2792.7
50.68			636	-1244.5	-421.9	3597.8	1253.5	-2919.9
54.90			635	-1895.5	-421.9	3597.8	1015.7	-3333.1
56.91			645	-1895.5	-89.6	3597.8	1243.6	-3228.7
83.03		Min	Cent	-9289.9	-1309.3	607.5	-743.0	-10672.3
82.22			646	-7526.0	-492.2	607.5	-207.2	-9040.2
79.91			636	-7526.0	-2126.4	607.5	-1240.2	-9324.3
83.68			635	-11053.8	-2126.4	607.5	-1281.0	-12323.2
84.68			645	-11053.8	-492.2	607.5	-233.6	-12162.9

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-71.25		Max	Cent	-607640.0	-239753.5	-141158.1	-191833.2	-655560.4
-27.10			646	224746.2	-66305.0	-60298.7	280329.1	-80444.7
-74.56			636	-1294004.0	-938227.5	-106344.7	-908863.7	-1323367.8
-80.33			635	-678236.2	672818.1	-142444.6	797178.8	-696895.4
-77.11			645	-481928.6	-81382.8	-96762.3	-59232.3	-504079.2
-71.42		Min	Cent	-3122837.4	-1219764.4	-721063.3	-977419.0	-3365182.7
-32.57			646	-33041.0	-321855.0	-308126.5	84878.0	-479517.7
-74.65			636	-6628352.0	-4800498.7	-542777.7	-4651472.1	-6777378.6
-78.79			635	-3486358.1	131799.9	-729865.2	215643.5	-3610718.8
-77.21			645	-2499305.7	-429521.9	-495214.0	-317139.5	-2611688.0

NODE Vxx Vyy

Max	Cent	3923.8	-1166.4
	646	6505.9	-189.4
	636	6505.9	-2143.1
	635	1341.7	-2143.1
	645	1341.7	-189.4
Min	Cent	767.7	-5952.5
	646	1273.6	-942.9
	636	1273.6	-10962.2
	635	254.2	-10962.2
	645	254.2	-942.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
614	1	4	c mob-a	Max	Cent	102.4	4.9	1532.9	1587.3	-1479.9
44.09										

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.52		656	59.4	7.6	1532.9	1566.6	-1499.6
45.06		646	59.4	66.2	1532.9	1595.7	-1470.1
44.21		645	150.3	66.2	1532.9	1641.7	-1425.2
43.67		655	150.3	7.6	1532.9	1613.5	-1455.5
-89.13	Min	Cent	-1649.4	-18.4	-24.9	-18.0	-1649.8
-89.11		656	-1701.8	-94.1	-24.9	-93.7	-1702.2
-89.16		646	-1701.8	-8.3	-24.9	-8.0	-1702.2
-89.10		645	-1600.9	-8.3	-24.9	-8.0	-1601.3
-89.05		655	-1600.9	-94.1	-24.9	-93.7	-1601.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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17.78	Max	Cent	23762.4	7258.0	5897.2	25652.9	5367.4
15.99		656	27157.6	12906.9	4450.1	28433.1	11631.4
30.60		646	13911.6	7098.7	6194.4	17574.4	3435.8
42.61		645	26400.9	25462.0	5621.8	31572.9	20290.1
12.60		655	39941.0	20936.6	4471.1	40940.4	19937.3
-64.68	Min	Cent	-191716.5	-58626.5	-81106.4	-20259.6	-230083.3
-53.87		656	-88765.1	-38266.5	-78940.6	19364.5	-146396.1
-76.88		646	-343599.1	-171764.7	-42357.8	-161890.8	-353473.1
-62.25		645	-83559.9	-14741.9	-50054.2	11589.5	-109891.4
-71.04		655	-254408.9	-27837.0	-88280.2	2498.5	-284744.3

		NODE	Vxx	Vyy
Max	Cent		40.1	6.1
	656		245.5	10.5
	646		245.5	7.3
	645		29.9	7.3
	655		29.9	10.5
Min	Cent		-7.8	-172.2
	656		-4.6	-110.6
	646		-4.6	-258.0
	645		-190.1	-258.0
	655		-190.1	-110.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.38	c mob-b	Max	Cent	70.2	5.5	1502.5	1540.7	-1465.0
44.85			656	29.3	13.1	1502.5	1523.7	-1481.3
45.33			646	29.3	63.9	1502.5	1549.2	-1456.0
			645	136.5	63.9	1502.5	1603.1	-1402.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.31			655	136.5	13.1	1502.5	1578.5	-1428.9
43.82								
-89.32		Min	Cent	-1565.7	-14.1	-18.5	-13.9	-1566.0
-89.31				656	-1625.2	-87.0	-18.5	-86.8
-89.34				646	-1625.2	-11.5	-18.5	-11.3
-89.29				645	-1509.8	-11.5	-18.5	-11.3
-89.26				655	-1509.8	-87.0	-18.5	-86.7

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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23.77		Max	Cent	10173.6	3126.5	3850.6	11869.5	1430.6
25.46				656	12829.9	7933.8	3015.1	14265.6
42.63				646	4865.3	4249.6	3710.6	8280.7
43.20				645	20391.2	19949.1	3508.7	23685.8
18.02				655	17734.3	8447.1	3378.7	18833.4
-63.73		Min	Cent	-180894.8	-59235.3	-79393.2	-20047.4	-220082.7
-52.61				656	-80882.6	-38768.5	-77408.7	20396.1
-76.43				646	-331332.9	-171636.0	-40937.5	-161753.4
-60.41				645	-72979.5	-14805.8	-48744.1	12870.3
-70.54				655	-242544.6	-27960.3	-86656.5	2664.0

			NODE	Vxx	Vyy
	Max	Cent		34.6	3.5
			656	239.8	4.7
			646	239.8	5.4
			645	16.8	5.4
			655	16.8	4.7
	Min	Cent		-6.9	-170.2
			656	-3.2	-94.9
			646	-3.2	-253.2
			645	-186.1	-253.2
			655	-186.1	-94.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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57.66		pp	Cent	-4241.0	-29.5	4449.2	2787.1	-7057.7
57.88				656	-4517.7	-222.5	4449.2	2570.4
58.87				646	-4517.7	163.5	4449.2	2850.2
57.44				645	-3964.4	163.5	4449.2	3004.2
56.40				655	-3964.4	-222.5	4449.2	2733.2

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE		Cent	656	646	645	655
-64.05		-487930.1	-135493.4	-224672.8	-26175.8	-597247.7
-53.55		186785.4	-52321.9	-218580.2	109132.6	-348239.9
-77.84		949139.8	-446411.8	-113642.6	-421916.3	-973635.3
-61.40		157297.8	20643.6	-138019.3	95883.5	-232537.6
-70.37		658497.4	-63883.5	-242956.9	22762.0	-745142.9

NODE Vxx Vyy

Cent	102.5	-442.9
656	703.2	-187.3
646	703.2	-698.4
645	-498.2	-698.4
655	-498.2	-187.3

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.95	vento -y	Cent	-112.3	2.7	-85.6	48.4	-158.0
-59.24		656	-98.7	-5.9	-85.6	45.1	-149.7
-61.37		646	-98.7	11.3	-85.6	58.1	-145.5
-64.36		645	-125.9	11.3	-85.6	52.4	-167.0
-62.52		655	-125.9	-5.9	-85.6	38.7	-170.5

ANGLE

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.81	Cent	3111.0	-1772.6	-69.4	3112.0	-1773.5
-2.15	656	1659.6	-2289.3	-148.4	1665.1	-2294.9
1.76	646	4018.7	-2134.2	189.0	4024.5	-2140.0
0.39	645	4796.8	-1660.3	43.5	4797.1	-1660.6
-5.59	655	1969.1	-1006.4	-293.9	1997.9	-1035.2

NODE Vxx Vyy

Cent	-2.7	-1.7
656	-2.4	-2.8
646	-2.4	-0.7
645	-3.0	-0.7
655	-3.0	-2.8

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-77.34	cedime~1	Cent	-339.9	2.8	-81.1	21.0	-358.2
		656	-341.2	-22.1	-81.1	-2.7	-360.6

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-76.53		646	-341.2	27.7	-81.1	44.8	-358.2
-78.13		645	-338.7	27.7	-81.1	44.9	-355.8
-78.06		655	-338.7	-22.1	-81.1	-2.5	-358.3
-76.44							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	1007.7	-10074.1	-9240.0	6240.8	-15307.2	
-29.53	656	7702.4	-10740.5	-9562.8	11765.6	-14803.7	
-23.02	646	-17398.6	-29124.2	-2444.2	-16909.5	-29613.3	
-11.32	645	21527.7	-3704.8	-4926.8	22455.6	-4632.6	
-10.67	655	-7800.7	3273.1	-12045.3	10993.1	-15520.8	
-57.34							

NODE	Vxx	Vyy
Cent	-4.8	-39.3
656	22.0	-38.7
646	22.0	-39.9
645	-31.6	-39.9
655	-31.6	-38.7

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	perm	Cent	-989.3	-6.3	1271.4	865.3	-1860.8
55.57		656	-1087.8	-47.1	1271.4	806.3	-1941.2
56.13		646	-1087.8	34.6	1271.4	863.1	-1916.3
56.91		645	-890.8	34.6	1271.4	924.8	-1781.0
55.00		655	-890.8	-47.1	1271.4	870.5	-1808.5
54.18							

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-123452.2	-43271.1	-60522.4	-10765.5	-155957.8
-61.76	656	-42723.3	-23098.6	-59254.2	27150.2	-92972.1
-49.70	646	-250055.5	-131166.9	-29628.3	-124192.4	-257030.1
-76.75	645	-32924.6	342.9	-36650.9	23958.0	-56539.7
-57.21	655	-168105.2	-19161.8	-66276.7	6059.2	-193326.2
-69.17						

NODE	Vxx	Vyy
Cent	28.0	-132.5
656	191.1	-65.6
646	191.1	-199.3
645	-135.1	-199.3
655	-135.1	-65.6

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
48.63	INV TO~1	Max Cent	-851.0	3.9	3340.7	2942.8	-3640.4
49.16		656	-1007.6	-29.4	3340.7	2857.8	-3806.9
49.81		646	-1007.6	151.7	3340.7	2946.5	-3787.6
48.46		645	-687.9	151.7	3340.7	3083.3	-3488.8
47.81		655	-687.9	-29.4	3340.7	2998.2	-3511.1
73.37		Min Cent	-3555.9	-31.1	1156.6	317.1	-3907.4
73.38		656	-3726.4	-196.3	1156.6	148.9	-4071.6
74.24		646	-3726.4	19.0	1156.6	373.1	-4052.7
73.03		645	-3390.8	19.0	1156.6	399.7	-3749.9
72.05		655	-3390.8	-196.3	1156.6	178.5	-3834.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-55.37	Max Cent	-90365.2	-33472.8	-52561.2	-870.0	-122429.4
-50.54	656	1641.9	-5674.3	-53246.6	58201.5	-59114.3
-79.40	646	-231274.9	-121583.7	-21265.8	-117605.2	-235253.4
-47.84	645	24244.4	34716.6	-29061.4	61784.3	-6528.1
-66.45	655	-114184.8	12375.7	-60240.7	43878.9	-138732.1
-62.33	Min Cent	-382269.4	-133312.9	-179256.0	-39336.9	-475237.6
-45.10	656	-162556.2	-86176.6	-175386.7	47379.5	-299231.8
-76.12	646	-731312.9	-392173.5	-89255.6	-370117.4	-753368.9
-60.58	645	-145730.5	-23349.7	-109150.8	39119.7	-204495.1
-70.40	655	-519357.9	-56908.3	-197500.3	9144.1	-591833.7

	NODE	Vxx	Vyy
Max	Cent	82.2	-124.3
	656	544.6	-51.4
	646	544.6	-189.4
	645	-94.7	-189.4
	655	-94.7	-51.4
Min	Cent	12.6	-404.3
	656	184.9	-253.7
	646	184.9	-587.5
	645	-423.3	-587.5
	655	-423.3	-253.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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57.66      INV TO~2  Max  Cent   -851.0      3.9      6006.5      3762.6     -3640.4
57.88
58.87
57.44
56.40
73.37      Min  Cent   -5725.4     -39.8     1156.6      317.1     -9527.9
73.38
74.24
73.03
72.05
    
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ANGLE
-----
Max  Cent   -90365.2   -33472.8   -52561.2    -870.0   -122429.4
57.66      656    1641.9    -5674.3    -53246.6   147329.1   -59114.3
57.88      646   -231274.9  -121583.7  -21265.8   -117605.2  -235253.4
58.87      645    24244.4    34716.6   -29061.4   129442.7    -6528.1
57.44      655  -114184.8    12375.7   -60240.7    43878.9   -138732.1
56.40      Min  Cent   -658705.6  -182916.1  -303308.3  -39336.9  -806284.4
73.37      656  -252160.3   -86176.6  -295083.3    47379.5   -470123.9
73.38      646  -1281338.7  -602656.0  -153417.5  -569587.0  -1314407.7
74.24      645  -212352.0   -23349.7  -186326.0    39119.7   -313925.8
73.03      655  -888971.5   -86242.7  -327991.8    9144.1   -1005942.9
72.05
    
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Max  Cent   138.4    -124.3
57.66      656    949.4     -51.4
57.88      646    949.4   -189.4
58.87      645    -94.7   -189.4
57.44      655    -94.7   -51.4
56.40      Min  Cent    12.6   -597.9
73.37      656    184.9   -253.7
73.38      646    184.9   -942.9
74.24      645   -672.6   -942.9
73.03      655   -672.6   -253.7
72.05
    
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ELEM  MAT  SEC  LC  NODE  Fxx  Fyy  Fxy  Fmax  Fmin
ANGLE
-----
621   1    4  c  mob-a  Max  Cent  32.6  15.9  760.3  784.6  -736.1
44.68
44.54      647  29.3  4.9  760.3  777.5  -743.3
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.06		637	29.3	32.3	760.3	791.1	-729.6
44.89		636	38.3	32.3	760.3	795.6	-725.1
44.37		646	38.3	4.9	760.3	782.1	-738.9
-87.66	Min	Cent	-1955.4	-732.7	-49.9	-730.7	-1957.5
-87.88		647	-1740.2	-395.0	-49.9	-393.2	-1742.1
-85.69		637	-1740.2	-1081.5	-49.9	-1077.7	-1744.0
-87.39		636	-2173.5	-1081.5	-49.9	-1079.2	-2175.7
-88.39		646	-2173.5	-395.0	-49.9	-393.6	-2174.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.02	Max	Cent	15047.2	15215.7	122852.6	137984.1	-107721.1
45.35		647	10507.8	13170.1	108725.7	120572.8	-96894.9
61.44		637	17656.7	140225.3	94809.0	191832.5	-33950.6
44.30		636	41763.1	39792.9	40509.7	81299.7	256.3
24.54		646	105466.8	12838.0	53446.7	129874.2	-11569.4
-89.37	Min	Cent	-780377.7	-401424.0	-4176.6	-401378.0	-780423.7
-89.12		647	-669344.8	-396291.7	-4216.7	-396226.6	-669409.9
-89.71		637	-762678.1	-1934.7	-3826.4	-1915.5	-762697.4
-89.77		636	-1757440.3	-1292236.9	-1863.0	-1292229.4	-1757447.7
-28.33		646	-45408.8	-48307.4	-2203.7	-44220.5	-49495.7

		NODE	Vxx	Vyy
Max	Cent		988.2	705.4
		647	225.7	7.4
		637	225.7	1703.1
		636	1751.3	1703.1
		646	1751.3	7.4
Min	Cent		-30.1	-18.5
		647	-13.3	-292.4
		637	-13.3	-44.1
		636	-48.9	-44.1
		646	-48.9	-292.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.82	c mob-b	Max	Cent	19.9	10.4	772.2	787.4	-757.1
44.83			647	14.4	5.3	772.2	782.1	-762.4
45.11			637	14.4	20.2	772.2	789.5	-754.9
44.70			636	36.5	20.2	772.2	800.6	-743.9
			646	36.5	5.3	772.2	793.3	-751.5

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44.42								
-87.90	Min	Cent	-1870.2	-731.8	-41.9	-730.3	-1871.7	
-88.13			647	-1666.7	-387.1	-41.9	-385.7	-1668.0
-85.95			637	-1666.7	-1078.7	-41.9	-1075.8	-1669.6
-87.60			636	-2076.7	-1078.7	-41.9	-1077.0	-2078.4
-88.58			646	-2076.7	-387.1	-41.9	-386.1	-2077.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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44.73	Max	Cent	11514.7	9225.4	119498.1	129873.6	-109133.5
44.93			647	8354.7	7857.2	105919.6	-97813.9
61.24			637	13657.4	131025.3	92188.4	-36940.4
43.75			636	28841.0	25626.1	36866.1	-9667.6
23.41			646	100502.8	6709.5	49969.2	-14922.7
-89.61	Min	Cent	-764117.8	-399075.5	-2474.4	-399058.7	-764134.6
-89.46			647	-650806.8	-392638.0	-2437.6	-392615.0
-89.82			637	-748902.8	-1029.1	-2350.1	-1021.7
-89.87			636	-1722498.9	-1271154.9	-1013.1	-1271152.6
-3.65			646	-31978.1	-49099.6	-1096.7	-31908.1

		NODE	Vxx	Vyy
Max	Cent		972.3	690.9
		647	226.9	4.8
		637	226.9	1668.5
		636	1719.5	1668.5
		646	1719.5	4.8
Min	Cent		-19.8	-12.4
		647	-9.3	-286.7
		637	-9.3	-29.4
		636	-32.4	-29.4
		646	-32.4	-286.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

63.59	pp	Cent	-5210.2	-1974.6	2132.8	-915.5	-6269.4
64.69			647	-4644.7	-1142.5	2132.8	-5653.1
56.66			637	-4644.7	-2806.7	2132.8	-6048.1
62.42			636	-5775.7	-2806.7	2132.8	-6889.8
68.68			646	-5775.7	-1142.5	2132.8	-6608.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
74.42          Cent -2211390.6 -1057542.5  348878.1  -960257.9 -2308675.2
72.34          647 -1911149.5 -1055293.7  303247.1  -958739.8 -2007703.3
84.00          637 -2159868.3   397051.9  271554.0   425573.8 -2188390.2
85.13          636 -4897908.4 -3496014.9  120402.0 -3485749.3 -4908174.0
28.39          646  123363.6   -75913.3  152095.1   205551.3 -158101.0
    
```

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-----
          NODE          Vxx          Vyy
-----
          Cent          2709.1          1940.2
          647           599.1           -801.1
          637           599.1          4681.5
          636          4819.2          4681.5
          646          4819.2          -801.1
    
```

```

          ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
          -64.84          vento -y          Cent          -110.3          29.1          -84.1          68.6          -149.8
          -60.52          647           -83.7          17.5          -84.1          65.0          -131.3
          -63.27          637           -83.7          40.8          -84.1          83.2          -126.1
          -68.30          636          -137.0          40.8          -84.1          74.3          -170.4
          -66.28          646          -137.0          17.5          -84.1          54.4          -173.9
    
```

```

          ANGLE          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
          5.90          Cent          3206.2          -4803.9          836.6          3292.6          -4890.3
          5.75          647          4013.1          -3954.8          810.8          4094.8          -4036.5
          13.43          637           995.9          -5273.3          1587.0          1374.8          -5652.2
          4.30          636          1247.6          -7877.5          690.7          1299.5          -7929.5
          -0.56          646          6568.1          -2109.7          -85.6          6569.0          -2110.6
    
```

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-----
          NODE          Vxx          Vyy
-----
          Cent           3.8           0.9
          647           3.1          -1.9
          637           3.1           3.7
          636           4.6           3.7
          646           4.6          -1.9
    
```

```

          ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
          -66.73          cedime~1          Cent          -394.8          -54.0          -179.8          23.4          -472.1
          -64.94          647          -312.4          -11.9          -179.8          72.2          -396.4
          637          -312.4          -96.0          -179.8          5.7          -414.0
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.51		636	-477.2	-96.0	-179.8	-24.6	-548.6
-68.33		646	-477.2	-11.9	-179.8	49.5	-538.6
-71.15							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

52.76	Cent	-84328.5	-71785.9	22580.4	-54622.2	-101492.3
42.59	647	-66946.6	-70378.8	20345.8	-48244.6	-89080.8
78.34	637	-84913.1	8314.0	20085.6	12457.3	-89056.4
68.52	636	-234602.8	-214550.2	9335.9	-210876.7	-238276.3
8.91	646	49148.4	-10528.7	9596.1	50653.5	-12033.8

NODE	Vxx	Vyy
Cent	153.7	109.4
647	37.5	-51.3
637	37.5	270.0
636	269.9	270.0
646	269.9	-51.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

58.79	perm	Cent	-1263.0	-585.2	648.8	-192.1	-1656.1
61.28		647	-1145.2	-316.4	648.8	39.0	-1500.6
51.32		637	-1145.2	-854.0	648.8	-334.7	-1664.5
56.05		636	-1380.7	-854.0	648.8	-417.2	-1817.6
64.68		646	-1380.7	-316.4	648.8	-9.5	-1687.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

73.64		Cent	-599306.7	-304830.9	94599.0	-277060.3	-627077.2
70.59		647	-510119.1	-301999.6	83728.6	-272497.0	-539621.7
84.02		637	-585963.8	96334.7	72324.9	103917.0	-593546.1
85.40		636	-1348489.5	-982219.8	29628.8	-979838.6	-1350870.7
23.08		646	47345.7	-31438.8	41032.4	64834.1	-48927.3

NODE	Vxx	Vyy
Cent	756.2	536.6
647	172.8	-222.6
637	172.8	1295.9
636	1339.6	1295.9
646	1339.6	-222.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

50.48	INV TO~1	Max Cent	-1218.9	-563.8	1691.3	831.3	-2614.1
51.62		647	-1105.6	-309.3	1691.3	1030.1	-2445.0
47.49		637	-1105.6	-810.5	1691.3	739.6	-2655.8
49.36		636	-1329.0	-810.5	1691.3	641.3	-2780.8
53.39		646	-1329.0	-309.3	1691.3	947.3	-2585.6
81.63		Min Cent	-4297.6	-1628.4	401.5	-1569.3	-4356.7
82.37		647	-3806.8	-861.6	401.5	-807.8	-3860.6
75.05		637	-3806.8	-2410.0	401.5	-2302.8	-3914.0
80.68		636	-4792.1	-2410.0	401.5	-2344.2	-4858.0
84.23		646	-4792.1	-861.6	401.5	-821.0	-4832.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

59.75	Max Cent	-578992.9	-284289.7	283030.3	-132397.8	-730884.8
57.33	647	-495933.5	-284219.9	250854.1	-136423.9	-643729.5
77.45	637	-562127.3	293952.8	220402.6	343017.9	-607076.6
77.56	636	-1292109.2	-928499.4	93652.7	-909898.9	-1310709.8
21.49	646	238874.4	-14107.6	122781.6	287215.6	-64499.7
82.38	Min Cent	-1737145.1	-918539.2	88960.6	-903613.1	-1752071.2
80.53	647	-1480681.1	-907372.2	78036.1	-890959.4	-1497093.9
87.75	637	-1700492.4	93722.8	67159.3	96357.5	-1704705.3
87.94	636	-3955636.6	-2941289.9	27113.7	-2939981.8	-3956944.7
21.13	646	-13956.2	-108252.0	38057.5	751.8	-122639.8

	NODE	Vxx	Vyy
Max	Cent	2243.9	1598.3
	647	516.5	-212.7
	637	516.5	3865.0
	636	3973.8	3865.0
	646	3973.8	-212.7
Min	Cent	715.6	511.7
	647	154.9	-668.6
	637	154.9	1236.3
	636	1273.6	1236.3
	646	1273.6	-668.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max Cent	-1218.9	-563.8	2879.3	831.3	-2614.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.48								
		647	-1105.6	-309.3	2879.3	1030.1	-2445.0	
51.62								
		637	-1105.6	-810.5	2879.3	739.6	-2655.8	
47.49								
		636	-1329.0	-810.5	2879.3	641.3	-2780.8	
49.36								
		646	-1329.0	-309.3	2879.3	947.3	-2585.6	
53.39								
	Min	Cent	-7033.8	-2665.7	401.5	-1569.3	-8463.6	
81.63								
		647	-6270.3	-1542.3	401.5	-807.8	-7631.7	
82.37								
		637	-6270.3	-3789.1	401.5	-2302.8	-8164.9	
75.05								
		636	-7797.3	-3789.1	401.5	-2344.2	-9301.2	
80.68								
		646	-7797.3	-1542.3	401.5	-821.0	-8920.8	
84.23								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	-578992.9	-284289.7	470985.4	-132397.8	-730884.8
59.75							
		647	-495933.5	-284219.9	409383.6	-136423.9	-643729.5
57.33							
		637	-562127.3	536020.1	366597.9	574524.6	-607076.6
84.00							
		636	-1292109.2	-928499.4	162542.7	-909898.9	-1310709.8
77.56							
		646	238874.4	-14107.6	205328.4	287215.6	-64499.7
21.49							
	Min	Cent	-2985377.4	-1427682.4	88960.6	-1296348.2	-3116711.6
74.42							
		647	-2580051.8	-1424646.4	78036.1	-1294298.8	-2710399.4
72.34							
		637	-2915822.2	93722.8	67159.3	96357.5	-2954326.7
87.75							
		636	-6612176.3	-4719620.2	27113.7	-4705761.6	-6626034.9
85.13							
		646	-13956.2	-108252.0	38057.5	751.8	-213436.4
21.13							

		NODE	Vxx	Vyy
	Max	Cent	3657.3	2619.3
		647	808.8	-212.7
		637	808.8	6320.1
		636	6505.9	6320.1
		646	6505.9	-212.7
	Min	Cent	715.6	511.7
		647	154.9	-1081.5
		637	154.9	1236.3
		636	1273.6	1236.3
		646	1273.6	-1081.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
		-----	-----	-----	-----	-----	-----	-----	-----	
622	1	4	c mob-a	Max	Cent	42.1	7.0	1141.7	1166.4	-1117.3
44.56										
					657	26.8	12.2	1141.7	1161.2	-1122.2
44.82										
					647	26.8	5.0	1141.7	1157.7	-1125.9
44.73										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.32		646	59.3	5.0	1141.7	1174.2	-1109.9
44.41		656	59.3	12.2	1141.7	1177.7	-1106.2
-88.82	Min	Cent	-1584.2	-214.3	-28.2	-213.7	-1584.8
-88.77		657	-1429.9	-115.9	-28.2	-115.3	-1430.5
-88.53		647	-1429.9	-328.9	-28.2	-328.2	-1430.6
-88.86		646	-1740.7	-328.9	-28.2	-328.4	-1741.2
-89.01		656	-1740.7	-115.9	-28.2	-115.5	-1741.2

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

30.73	Max	Cent	15024.5	7252.3	7142.8	19269.9	3007.0
22.33		657	29031.7	16423.5	6227.7	31589.0	13866.1
49.29		647	10465.0	12940.9	8199.1	19995.0	3410.9
33.27		646	14648.6	7834.0	7848.0	19797.1	2685.5
25.57		656	28440.7	17500.5	6787.1	31687.6	14253.5
-59.77	Min	Cent	-249729.8	-138402.3	-98257.0	-81137.3	-306994.8
-43.83		657	-45847.0	-52988.5	-87675.1	38330.0	-137165.5
-74.26		647	-547190.7	-371806.9	-53708.4	-356666.6	-562331.0
-69.37		646	-332037.6	-119057.1	-93447.2	-83869.8	-367225.0
-51.29		656	-87457.4	-30313.9	-128068.6	72331.4	-190102.7

NODE Vxx Vyy

Max	Cent	364.0	4.2
	657	482.9	1.2
	647	482.9	7.4
	646	245.5	7.4
	656	245.5	1.2
Min	Cent	-7.5	-166.7
	657	-10.5	-49.5
	647	-10.5	-292.4
	646	-4.6	-292.4
	656	-4.6	-49.5

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

44.83	c mob-b	Max	Cent	19.5	5.9	1165.2	1177.9	-1152.5
44.95			657	13.7	9.5	1165.2	1176.8	-1153.6
44.90			647	13.7	5.6	1165.2	1174.8	-1155.5
44.72			646	28.3	5.6	1165.2	1182.2	-1148.3
44.77			656	28.3	9.5	1165.2	1184.1	-1146.3
		Min	Cent	-1518.0	-207.8	-20.2	-207.5	-1518.4

PROJECT TITLE :

MIDAS	Company	Client	
	Author	File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.12	657	-1380.7	-107.1	-20.2	-106.8	-1381.0
-89.09	647	-1380.7	-326.0	-20.2	-325.6	-1381.1
-88.90	646	-1662.9	-326.0	-20.2	-325.7	-1663.2
-89.13	656	-1662.9	-107.1	-20.2	-106.9	-1663.2
-89.25						

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max Cent	4820.3	3599.7	4322.6	8575.4	-155.5
40.98	657	21279.4	10735.1	3790.3	22500.5	9514.0
17.86	647	8396.0	7764.0	4302.1	12393.7	3766.3
42.90	646	5137.5	4134.4	4593.2	9256.4	15.4
41.88	656	13613.0	11528.9	5028.0	17705.7	7436.1
39.15	Min Cent	-239380.6	-139563.4	-95831.1	-81423.6	-297520.4
-58.76	657	-38355.3	-51604.6	-85303.0	40580.0	-130539.8
-42.78	647	-531860.6	-368980.5	-52118.4	-353731.3	-547109.8
-73.69	646	-320212.4	-120259.3	-91507.7	-84703.7	-355768.0
-68.77	656	-79562.8	-31063.8	-125423.2	72432.6	-183059.2
-50.47						

	NODE	Vxx	Vyy
Max	Cent	356.3	2.4
	657	472.8	0.3
	647	472.8	4.8
	646	239.8	4.8
	656	239.8	0.3
Min	Cent	-5.3	-163.4
	657	-8.0	-42.0
	647	-8.0	-286.7
	646	-3.2	-286.7
	656	-3.2	-42.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-4262.4	-615.9	3237.4	1276.3	-6154.7
59.69		657	-3889.9	-279.0	3237.4	1622.3	-5791.2
59.57		647	-3889.9	-952.9	3237.4	1133.5	-5976.2
57.20		646	-4635.0	-952.9	3237.4	930.3	-6518.2
59.81		656	-4635.0	-279.0	3237.4	1444.8	-6358.8
61.97							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-674372.1	-341114.0	-273813.1	-187214.1	-828272.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.66		657	-41881.9	-69037.7	-246669.4	191583.0	-302502.6
-43.42		647	-1557247.1	-984513.2	-146854.0	-949053.9	-1592706.4
-76.43		646	-916640.2	-283914.1	-257491.2	-192371.1	-1008183.2
-70.43		656	-181719.3	-26991.2	-357306.7	261230.9	-469941.4
-51.11							

NODE	Vxx	Vyy
Cent	1036.9	-449.5
657	1370.6	-98.0
647	1370.6	-801.1
646	703.2	-801.1
656	703.2	-98.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-74.9	10.3	-117.0	92.2	-156.7
-55.01		657	-52.5	-3.9	-117.0	91.3	-147.7
-50.87		647	-52.5	24.6	-117.0	109.2	-137.1
-54.12		646	-97.2	24.6	-117.0	95.5	-168.2
-58.75		656	-97.2	-3.9	-117.0	75.4	-176.5
-55.88							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2625.0	-2970.1	28.3	2625.1	-2970.2
0.29	657	1902.5	-2777.7	207.7	1911.7	-2786.9
2.54	647	3024.5	-4152.6	278.5	3035.3	-4163.3
2.22	646	3917.6	-2639.8	-86.2	3918.7	-2641.0
-0.75	656	1655.4	-2310.2	-157.1	1661.6	-2316.4
-2.26						

NODE	Vxx	Vyy
Cent	-1.9	-1.3
657	-1.4	-0.7
647	-1.4	-1.9
646	-2.4	-1.9
656	-2.4	-0.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-290.4	-1.5	-197.2	98.4	-390.4
-63.11		657	-238.7	-12.1	-197.2	102.0	-352.8
-59.94		647	-238.7	9.0	-197.2	118.0	-347.7
-61.07		646	-342.1	9.0	-197.2	97.4	-430.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-65.84
-64.96

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

Cent	-11548.8	-29280.2	-10633.7	-6569.8	-34259.2
657	12575.6	-18210.9	-8701.4	14864.7	-20500.0
647	-50691.3	-67127.8	-3225.2	-50081.1	-67738.0
646	-16297.3	-23617.8	-10395.5	-8936.5	-30978.7
656	8217.7	-8164.1	-15871.6	17887.4	-17833.8

NODE	Vxx	Vyy
Cent	38.5	-33.3
657	55.0	-15.3
647	55.0	-51.3
646	22.0	-51.3
656	22.0	-15.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

perm	Cent	-1049.9	-167.8	978.2	464.2	-1681.9
57.13	657	-979.7	-61.8	978.2	559.7	-1601.2
57.57	647	-979.7	-273.8	978.2	413.2	-1666.6
54.92	646	-1120.1	-273.8	978.2	368.8	-1762.7
56.70	656	-1120.1	-61.8	978.2	521.2	-1703.1
59.21						

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

Cent	-175551.8	-104744.4	-73071.4	-58951.8	-221344.5
657	-4134.0	-31028.8	-65035.0	48829.3	-83992.2
647	-415159.4	-283007.6	-38239.2	-272740.5	-425426.5
646	-241670.5	-89242.1	-69367.0	-62401.0	-268511.6
656	-41243.4	-15699.1	-96162.9	68536.1	-125478.6

NODE	Vxx	Vyy
Cent	281.0	-127.2
657	371.0	-31.8
647	371.0	-222.6
646	191.1	-222.6
656	191.1	-31.8

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          INV TO~1  Max  Cent    -993.1    -158.4    2551.2    2009.3    -3141.8
49.65
          657    -943.5    -45.4    2551.2    2096.0    -3040.1
49.99
          647    -943.5    -257.2    2551.2    1968.7    -3118.7
48.78
          646   -1040.0    -257.2    2551.2    1927.2    -3233.5
49.31
          656   -1040.0    -45.4    2551.2    2056.5    -3141.9
50.52
          Min  Cent    -3479.0    -458.6    742.9    -285.7    -3651.8
76.90
          657   -3148.7    -230.5    742.9    -52.2    -3326.9
76.51
          647   -3148.7    -717.9    742.9    -500.4    -3357.1
74.33
          646   -3812.1    -717.9    742.9    -540.2    -3980.8
77.21
          656   -3812.1    -230.5    742.9    -82.5    -3960.1
78.73
  
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ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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          Max  Cent   -155268.8   -94953.8   -63428.6   -54878.3   -195344.2
-57.71
          657    47634.3    -8857.1   -56627.7   107911.6    -47635.0
-40.03
          647   -401031.7   -265537.4   -27170.4   -260292.1   -406277.0
-79.07
          646   -221894.9    -78666.2   -58772.2   -57637.2   -242923.9
-70.31
          656    5369.2     7926.6    -87000.3   179654.8    -84627.9
-49.26
          Min  Cent   -524235.9   -322435.2   -216352.0   -184611.7   -662059.4
-57.50
          657   -66027.5   -120774.2   -192097.8    73836.7   -282137.7
-34.40
          647  -1204558.1   -852074.7   -113970.7   -818434.4   -1238198.4
-73.56
          646   -706218.6   -275210.0   -205916.3   -192647.9   -788780.7
-68.15
          656  -159310.9    -65799.3   -284927.2    89706.0   -396547.4
-46.77
  
```

		NODE	Vxx	Vyy
	Max	Cent	811.0	-121.6
		657	1077.9	-30.2
		647	1077.9	-212.7
		646	544.6	-212.7
		656	544.6	-30.2
	Min	Cent	271.0	-385.6
		657	356.8	-113.9
		647	356.8	-668.6
		646	184.9	-668.6
		656	184.9	-113.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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          INV TO~2  Max  Cent    -993.1    -158.4    4370.4    2009.3    -3141.8
49.65
          657    -943.5    -45.4    4370.4    2190.2    -3040.1
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

59.57									
		647	-943.5	-257.2	4370.4	1968.7	-3118.7		
48.78									
		646	-1040.0	-257.2	4370.4	1927.2	-3233.5		
49.31									
		656	-1040.0	-45.4	4370.4	2056.5	-3141.9		
50.52									
	Min	Cent	-5754.3	-831.5	742.9	-285.7	-8308.8		
76.90									
		657	-5251.3	-376.6	742.9	-52.2	-7818.1		
76.51									
		647	-5251.3	-1286.4	742.9	-500.4	-8067.9		
74.33									
		646	-6257.2	-1286.4	742.9	-540.2	-8799.6		
77.21									
		656	-6257.2	-376.6	742.9	-82.5	-8584.4		
78.73									

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-57.71	Max	Cent	-155268.8	-94953.8	-63428.6	-54878.3	-195344.2		
			657	47634.3	-8857.1	-56627.7	258637.1	-47635.0	
-43.42									
			647	-401031.7	-265537.4	-27170.4	-260292.1	-406277.0	
-79.07									
			646	-221894.9	-78666.2	-58772.2	-57637.2	-242923.9	
-70.31									
			656	5369.2	7926.6	-87000.3	352661.7	-84627.9	
-51.11		Min	Cent	-910402.4	-460503.9	-369647.7	-252739.0	-1118167.3	
-60.66									
			657	-66027.5	-120774.2	-333003.7	73836.7	-408378.5	
-34.40									
			647	-2102283.6	-1329092.8	-198252.9	-1281222.8	-2150153.6	
-76.43									
			646	-1237464.3	-383284.0	-347613.2	-259701.0	-1361047.3	
-70.43									
			656	-245321.1	-65799.3	-482364.0	89706.0	-634420.9	
-46.77									

NODE Vxx Vyy

Max	Cent	1399.9	-121.6
		657	1850.4
		647	1850.4
		646	949.4
		656	949.4
			-30.2
			-212.7
			-212.7
			-30.2
	Min	Cent	271.0
			-606.9
			-132.3
		657	356.8
		647	356.8
		646	184.9
		656	184.9
			-1081.5
			-1081.5
			-132.3
			-132.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
629	1	4	c mob-a	Max	Cent	28.3	15.8	718.4	740.5	-696.4
44.75										
				648	25.6	4.9	718.4	733.7	-703.2	
44.59										
				638	25.6	28.8	718.4	745.6	-691.2	
45.06										
				637	31.0	28.8	718.4	748.3	-688.5	
44.96										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.48			647	31.0	4.9	718.4	736.5	-700.6
-86.72	Min	Cent		-1706.8	-930.2	-44.6	-927.7	-1709.4
-87.45			648	-1645.0	-644.0	-44.6	-642.0	-1647.0
-83.84			638	-1645.0	-1236.9	-44.6	-1232.1	-1649.9
-85.24			637	-1768.8	-1236.9	-44.6	-1233.2	-1772.5
-87.73			647	-1768.8	-644.0	-44.6	-642.2	-1770.5

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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36.35	Max	Cent		13067.5	7715.2	8597.0	19395.2	1387.5
39.84			648	8195.6	5069.5	8582.2	15356.0	-2090.8
29.16			638	16679.1	9559.2	5766.8	19896.3	6342.1
68.17			637	18705.5	38166.1	9288.1	41887.5	14984.1
44.91			647	9797.0	9634.4	26173.4	35889.2	-16457.8
-87.75	Min	Cent		-695336.1	-146594.7	-21584.3	-145747.0	-696183.8
-86.57			648	-564625.4	-171575.7	-23641.3	-170158.8	-566042.3
-85.52			638	-783215.4	-107746.7	-53243.6	-103575.6	-787386.6
-88.68			637	-798112.9	-74588.5	-16696.2	-74203.5	-798498.0
-89.53			647	-640054.9	-248861.8	-3184.5	-248835.9	-640080.8

			NODE	Vxx	Vyy
Max	Cent			246.3	40.8
			648	267.0	129.4
			638	267.0	12.3
			637	225.7	12.3
			647	225.7	129.4
Min	Cent			-11.4	-62.7
			648	-10.7	-12.8
			638	-10.7	-176.7
			637	-13.3	-176.7
			647	-13.3	-12.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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44.99	c mob-b	Max	Cent		14.3	13.5	816.0	829.8	-802.1
44.84				648	14.1	4.7	816.0	825.4	-806.6
45.15				638	14.1	22.9	816.0	834.5	-797.5
45.14				637	14.7	22.9	816.0	834.8	-797.2
44.82				647	14.7	4.7	816.0	825.7	-806.3
-87.14		Min	Cent		-1638.7	-939.7	-35.0	-937.9	-1640.5
				648	-1581.7	-631.2	-35.0	-629.9	-1583.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.89			638	-1581.7	-1349.8	-35.0	-1344.6	-1586.9
-81.59			637	-1696.0	-1349.8	-35.0	-1346.3	-1699.5
-84.28			647	-1696.0	-631.2	-35.0	-630.1	-1697.2
-88.12								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	10527.5	4100.5	4328.3	12704.8	1923.2
26.70			648	6694.6	2687.4	3968.1	9136.3	245.8
31.61			638	13608.0	6498.6	3449.1	15006.3	5100.3
22.07			637	14177.7	25295.4	6417.1	28226.6	11246.5
65.45			647	7790.7	5254.8	23109.1	29666.6	-16621.1
43.43		Min	Cent	-678959.3	-148203.4	-20287.8	-147429.1	-679733.7
-87.81			648	-547730.8	-170572.8	-21510.3	-169350.0	-548953.6
-86.75			638	-767058.1	-108815.6	-51890.5	-104750.0	-771123.6
-85.52			637	-783660.1	-75212.9	-16150.3	-74844.9	-784028.0
-88.69			647	-622028.9	-249179.9	-1730.9	-249171.8	-622037.0
-89.73								

			NODE	Vxx	Vyy
	Max	Cent		246.6	37.9
		648		266.4	130.0
		638		266.4	9.4
		637		226.9	9.4
		647		226.9	130.0
	Min	Cent		-7.8	-50.1
		648		-7.6	-7.4
		638		-7.6	-160.2
		637		-9.3	-160.2
		647		-9.3	-7.4

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	-4585.8	-2464.1	1926.3	-1325.8	-5724.1
59.42			648	-4429.0	-1859.0	1926.3	-828.5	-5459.6
61.85			638	-4429.0	-3069.1	1926.3	-1706.2	-5791.9
54.72			637	-4742.6	-3069.1	1926.3	-1805.6	-6006.0
56.74			647	-4742.6	-1859.0	1926.3	-894.7	-5706.9
63.41								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	-1984182.5	-357000.3	-51012.3	-355402.6	-1985780.2
-88.21			648	-1613701.0	-453988.7	-53777.7	-451500.3	-1616189.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.35		638	-2242868.1	-270054.8	-142266.1	-259848.3	-2253074.5
-85.90		637	-2251615.0	-61681.3	-33419.5	-61171.4	-2252124.9
-89.13		647	-1828546.0	-642276.4	55068.9	-639725.5	-1831096.9
87.35							

NODE	Vxx	Vyy
Cent	669.5	-67.2
648	739.9	301.3
638	739.9	-435.7
637	599.1	-435.7
647	599.1	301.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.90	vento -y	Cent	-63.0	82.7	-108.8	140.9	-121.1
-54.37		648	-53.0	20.9	-108.8	98.9	-131.0
-66.11		638	-53.0	144.6	-108.8	192.8	-101.2
-67.49		637	-73.0	144.6	-108.8	189.7	-118.1
-56.67		647	-73.0	20.9	-108.8	92.5	-144.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
16.27	Cent	2524.7	-3159.9	1813.3	3053.9	-3689.1
16.02	648	2461.9	-2546.4	1566.6	2911.6	-2996.1
23.11	638	2548.9	-1260.7	1987.5	3397.0	-2108.8
13.76	637	818.8	-6158.9	1817.0	1263.6	-6603.7
10.95	647	4269.4	-2673.6	1396.2	4539.6	-2943.9

NODE	Vxx	Vyy
Cent	1.6	5.2
648	0.2	1.0
638	0.2	9.4
637	3.1	9.4
647	3.1	1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.89	cedime~1	Cent	-264.7	35.4	-224.2	155.1	-384.5
-57.01		648	-234.9	-35.0	-224.2	110.6	-380.4
-63.61		638	-234.9	105.7	-224.2	217.0	-346.2
-65.87		637	-294.5	105.7	-224.2	206.2	-394.9
		647	-294.5	-35.0	-224.2	94.3	-423.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.03

ANGLE NODE Mxx Myy Mxy Mmax Mmin

84.55	Cent	-72443.5	-29667.2	4120.7	-29273.9	-72836.9
79.99	648	-53502.5	-31775.1	3959.5	-31076.1	-54201.6
-89.12	638	-82355.4	-14546.4	-1037.4	-14530.6	-82371.2
86.30	637	-92013.1	-27185.6	4209.4	-26913.4	-92285.2
66.14	647	-61903.2	-45161.8	9206.3	-41089.6	-65975.4

NODE	Vxx	Vyy
Cent	36.7	23.2
648	35.9	24.3
638	35.9	22.2
637	37.5	22.2
647	37.5	24.3

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

53.61	perm	Cent	-1151.6	-762.7	627.5	-300.2	-1614.1
57.99		648	-1122.5	-510.8	627.5	-118.6	-1514.7
47.46		638	-1122.5	-1014.6	627.5	-438.8	-1698.4
48.77		637	-1180.7	-1014.6	627.5	-464.7	-1730.6
59.05		647	-1180.7	-510.8	627.5	-134.4	-1557.0

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-88.14	Cent	-531410.3	-110763.6	-13707.5	-110317.4	-531856.5
-87.62	648	-424317.7	-131132.1	-12210.9	-130624.4	-424825.4
-85.55	638	-600507.8	-82593.3	-40540.6	-79439.1	-603662.0
-88.85	637	-613048.0	-39086.2	-11515.3	-38855.3	-613278.9
86.78	647	-487767.7	-190242.6	16814.4	-189295.4	-488714.9

NODE	Vxx	Vyy
Cent	189.7	0.4
648	206.6	96.3
638	206.6	-95.4
637	172.8	-95.4
647	172.8	96.3

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent					
48.07				-1113.4	-706.1	1729.0	811.6	-2583.9
49.79			648	-1087.9	-504.2	1729.0	957.4	-2486.0
45.93			638	-1087.9	-870.0	1729.0	698.1	-2618.1
46.35			637	-1138.8	-870.0	1729.0	673.7	-2682.6
50.20			647	-1138.8	-504.2	1729.0	936.4	-2556.1
79.15		Min	Cent	-3720.5	-2031.3	343.0	-1930.2	-3786.3
81.20			648	-3578.2	-1415.2	343.0	-1362.1	-3631.3
70.50			638	-3578.2	-2836.8	343.0	-2609.6	-3711.3
74.39			637	-3863.0	-2836.8	343.0	-2635.3	-3958.9
82.17			647	-3863.0	-1415.2	343.0	-1368.0	-3910.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	-513769.2	-100348.0	2019.1	-100337.3	-513779.9
-89.71			648	-413253.6	-124288.3	3334.6	-124286.9	-413254.9
-89.88			638	-577991.1	-69688.3	-32755.4	-67586.2	-580093.2
-86.33			637	-587795.6	12438.0	5233.0	12439.7	-587797.4
89.90			647	-474541.8	-177236.2	61354.8	-168354.5	-483423.5
80.33		Min	Cent	-1542557.6	-340505.4	-42846.3	-339259.1	-1543803.9
-88.16			648	-1240064.5	-394534.5	-44126.7	-392630.6	-1241968.4
-87.29			638	-1740204.0	-244040.7	-113456.8	-235486.0	-1748758.8
-85.69			637	-1782513.5	-167809.1	-34055.2	-167257.7	-1783065.0
-88.94			647	-1413745.0	-571797.2	12515.4	-571237.2	-1414305.0
88.52								

		NODE	Vxx	Vyy
Max	Cent		559.2	78.8
	648		602.9	296.0
	638		602.9	-56.6
	637		516.5	-56.6
	647		516.5	296.0
Min	Cent		174.2	-84.2
	648		192.1	79.0
	638		192.1	-333.9
	637		154.9	-333.9
	647		154.9	79.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		INV TO~2	Max	Cent	-1113.4	-706.1	2600.5	811.6	-2583.9
48.07				648	-1087.9	-504.2	2600.5	957.4	-2486.0
49.79				638	-1087.9	-870.0	2600.5	698.1	-2618.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.93								
		637	-1138.8	-870.0	2600.5	673.7	-2682.6	
46.35								
		647	-1138.8	-504.2	2600.5	936.4	-2556.1	
50.20								
	Min	Cent	-6190.8	-3326.5	343.0	-1930.2	-7727.5	
79.15								
		648	-5979.2	-2509.7	343.0	-1362.1	-7370.5	
81.20								
		638	-5979.2	-4143.2	343.0	-2609.6	-7819.0	
70.50								
		637	-6402.5	-4143.2	343.0	-2635.3	-8108.1	
74.39								
		647	-6402.5	-2509.7	343.0	-1368.0	-7704.4	
82.17								

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
		-----	-----	-----	-----	-----	-----
	Max	Cent	-513769.2	-100348.0	2019.1	-100337.3	-513779.9
-89.71							
		648	-413253.6	-124288.3	3334.6	-124286.9	-413254.9
-89.88							
		638	-577991.1	-69688.3	-32755.4	-67586.2	-580093.2
-86.33							
		637	-587795.6	12438.0	5233.0	12439.7	-587797.4
89.90							
		647	-474541.8	-177236.2	74343.0	-168354.5	-483423.5
80.33							
	Min	Cent	-2678646.4	-481950.4	-68866.6	-479793.6	-2680803.3
-88.21							
		648	-2178496.4	-612884.8	-72599.9	-609525.4	-2181855.8
-87.35							
		638	-3027871.9	-364573.9	-192059.2	-350795.2	-3041650.6
-85.90							
		637	-3039680.2	-167809.1	-45116.4	-167257.7	-3040368.6
-88.94							
		647	-2468537.1	-867073.1	12515.4	-863629.4	-2471980.8
87.35							

		NODE	Vxx	Vyy
	Max	Cent	903.9	78.8
		648	998.9	406.8
		638	998.9	-56.6
		637	808.8	-56.6
		647	808.8	406.8
	Min	Cent	174.2	-90.7
		648	192.1	79.0
		638	192.1	-588.2
		637	154.9	-588.2
		647	154.9	79.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
630	1	4	c mob-a	Max	Cent	22.0	5.9	896.6	910.6	-882.8
44.74										
					658	18.1	11.5	896.6	911.4	-881.9
44.89										
					648	18.1	5.1	896.6	908.2	-885.1
44.79										
					647	26.0	5.1	896.6	912.2	-881.2
44.67										
					657	26.0	11.5	896.6	915.4	-877.9
44.77										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.01	Min	Cent	-1454.4	-360.3	-38.0	-359.0	-1455.8
-88.34		658	-1450.8	-138.4	-38.0	-137.3	-1451.9
-87.44		648	-1450.8	-603.9	-38.0	-602.2	-1452.6
-87.46		647	-1458.5	-603.9	-38.0	-602.2	-1460.1
-88.35		657	-1458.5	-138.4	-38.0	-137.4	-1459.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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39.13	Max	Cent	8721.4	5690.4	7288.2	14650.0	-238.2
53.45		658	6731.1	9569.9	4673.7	13035.0	3266.0
38.39		648	10603.0	5283.7	11315.1	19566.8	-3680.2
44.17		647	10080.9	9463.7	10686.8	20463.5	-918.9
21.44		657	30589.6	17914.6	5885.7	32901.1	15603.1
-79.07	Min	Cent	-293922.0	-121951.2	-34479.1	-115295.9	-300577.2
-52.51		658	-91675.2	-67146.3	-45720.9	-32073.5	-126748.0
-87.20		648	-531008.4	-165159.8	-17957.8	-164280.5	-531887.8
-84.90		647	-518008.0	-224439.3	-26424.1	-222079.8	-520367.5
-44.80		657	-45334.9	-46122.3	-55657.4	9930.2	-101387.3

		NODE	Vxx	Vyy
Max	Cent		460.3	55.2
	658		438.4	0.0
	648		438.4	129.4
	647		482.9	129.4
	657		482.9	0.0
Min	Cent		-9.5	-9.8
	658		-8.7	-26.5
	648		-8.7	-12.8
	647		-10.5	-12.8
	657		-10.5	-26.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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44.89	c mob-b	Max	Cent	12.8	5.3	1002.9	1012.0	-993.9
44.93			658	11.9	7.1	1002.9	1012.5	-993.4
44.90			648	11.9	4.8	1002.9	1011.3	-994.6
44.87			647	13.6	4.8	1002.9	1012.2	-993.7
44.91			657	13.6	7.1	1002.9	1013.3	-992.6
-88.54		Min	Cent	-1410.0	-351.7	-27.0	-351.0	-1410.7
-88.79			658	-1410.7	-129.5	-27.0	-128.9	-1411.3
			648	-1410.7	-593.3	-27.0	-592.4	-1411.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.11		647	-1409.6	-593.3	-27.0	-592.4	-1410.5
-88.11		657	-1409.6	-129.5	-27.0	-128.9	-1410.1
-88.79							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	4491.3	2406.3	4005.7	7587.9	-690.3
37.71			658	1812.8	4350.5	2237.7	5654.1	509.2
59.78			648	8466.4	2854.7	8308.3	14429.9	-3108.8
35.67			647	7836.3	5151.0	6587.4	13216.5	-229.1
39.24			657	22353.3	12218.0	3038.8	23194.6	11376.7
15.47		Min	Cent	-283502.0	-122660.4	-31838.1	-116587.4	-289574.9
-79.20			658	-86161.9	-66348.6	-43436.8	-31703.0	-120807.4
-51.42			648	-516021.9	-164631.8	-15182.5	-163977.0	-516676.7
-87.53			647	-504334.2	-225531.3	-23696.9	-223531.5	-506333.9
-85.18			657	-37796.2	-45610.2	-53469.8	11909.1	-95315.5
-42.91								

		NODE	Vxx	Vyy
	Max	Cent	450.0	55.5
		658	427.3	0.0
		648	427.3	130.0
		647	472.8	130.0
		657	472.8	0.0
	Min	Cent	-7.7	-6.5
		658	-7.3	-20.7
		648	-7.3	-7.4
		647	-8.0	-7.4
		657	-8.0	-20.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	-4002.2	-1051.1	2459.3	341.4	-5394.7
60.48			658	-4027.6	-359.9	2459.3	874.0	-5261.5
63.36			648	-4027.6	-1742.3	2459.3	-173.1	-5596.8
57.46			647	-3976.9	-1742.3	2459.3	-158.4	-5560.9
57.22			657	-3976.9	-359.9	2459.3	884.3	-5221.1
63.16								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-812438.0	-295966.2	-81631.4	-283371.0	-825033.2
-81.23			658	-225446.8	-123788.0	-121984.2	-42466.8
-56.31			648	-1510542.7	-433357.1	-22834.1	-432873.2
							-1511026.5

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	Company		Client	
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-88.79
-86.72
-43.47
        647 -1474643.6 -571495.9 -51955.4 -568516.9 -1477622.7
        657 -39119.1 -55223.9 -151105.4 104148.3 -198491.3
    
```

NODE	Vxx	Vyy
Cent	1314.5	118.2
658	1258.4	-64.9
648	1258.4	301.3
647	1370.6	301.3
657	1370.6	-64.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-49.64	vento -y	Cent	-31.4	12.0	-133.0	125.1	-144.4
-45.81		658	-10.6	-3.1	-133.0	126.1	-139.9
-49.05		648	-10.6	27.2	-133.0	142.6	-126.0
-53.31		647	-52.2	27.2	-133.0	126.3	-151.2
-50.23		657	-52.2	-3.1	-133.0	107.6	-162.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
6.11	Cent	2186.7	-2766.1	536.8	2244.2	-2823.6
2.97	658	1036.4	-2797.5	199.2	1046.8	-2807.8
9.75	648	2544.9	-2529.8	898.8	2699.4	-2684.3
7.86	647	3280.7	-2871.3	865.9	3400.3	-2990.9
2.00	657	1884.9	-2865.6	166.3	1890.7	-2871.4

NODE	Vxx	Vyy
Cent	-1.5	0.8
658	-1.5	0.5
648	-1.5	1.0
647	-1.4	1.0
657	-1.4	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-54.88	cedime~1	Cent	-199.3	-15.6	-255.7	164.2	-379.1
-53.07		658	-157.2	-9.2	-255.7	183.0	-349.3
-52.41		648	-157.2	-21.9	-255.7	174.9	-354.0
-56.62		647	-241.5	-21.9	-255.7	146.5	-409.9
-57.22		657	-241.5	-9.2	-255.7	155.5	-406.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.86		Cent	-20937.7	-27875.9	1243.4	-20721.5	-28092.0
-7.57		658	-2950.6	-22350.4	-2624.8	-2601.8	-22699.2
73.83		648	-48058.6	-30686.4	5501.5	-29090.7	-49654.3
57.09		647	-45647.9	-41910.7	4162.0	-39217.1	-48341.5
-7.53		657	12906.5	-16556.0	-3964.3	13430.6	-17080.1

NODE	Vxx	Vyy
Cent	49.9	9.4
658	44.7	-5.4
648	44.7	24.3
647	55.0	24.3
657	55.0	-5.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.70	perm	Cent	-1030.7	-286.5	783.6	208.8	-1526.1
60.90		658	-1058.1	-86.5	783.6	349.7	-1494.3
55.02		648	-1058.1	-486.6	783.6	61.7	-1606.4
54.13		647	-1003.4	-486.6	783.6	80.1	-1570.1
60.17		657	-1003.4	-86.5	783.6	362.9	-1452.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-81.46		Cent	-213404.3	-92033.8	-18653.9	-89231.5	-216206.5
-51.19		658	-58184.0	-44898.5	-30275.3	-20545.8	-82536.8
-89.55		648	-399534.7	-126175.5	-2136.2	-126158.8	-399551.4
-87.30		647	-392808.0	-171250.7	-10457.9	-170758.1	-393300.5
-36.80		657	-3090.3	-25810.3	-38597.0	25783.8	-54684.4

NODE	Vxx	Vyy
Cent	352.7	39.8
658	334.5	-16.7
648	334.5	96.3
647	371.0	96.3
657	371.0	-16.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
49.80	INV TO~1 Max	Cent	-1001.1	-278.6	2137.6	1528.0	-2683.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

51.35		658	-1033.7	-71.0	2137.6	1638.8	-2597.6
48.69		648	-1033.7	-479.8	2137.6	1398.7	-2759.4
48.26		647	-968.3	-479.8	2137.6	1427.4	-2770.6
50.93		657	-968.3	-71.0	2137.6	1664.5	-2609.8
79.19	Min	Cent	-3193.5	-788.5	476.6	-697.5	-3284.6
80.88		658	-3173.9	-282.6	476.6	-206.0	-3250.4
76.37		648	-3173.9	-1323.7	476.6	-1208.2	-3289.5
76.62		647	-3213.8	-1323.7	476.6	-1210.4	-3327.2
80.99		657	-3213.8	-282.6	476.6	-207.0	-3289.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-201630.4	-84351.7	-7571.4	-83692.9	-202289.2
-85.73		658	-49097.0	-31979.1	-23965.8	-15089.8	-65986.4
-54.83		648	-385220.7	-119042.6	18640.7	-118395.6	-385867.7
87.18		647	-379198.8	-158474.6	8131.2	-158403.3	-379270.1
88.97		657	51112.3	-1625.6	-30651.4	65441.4	-18263.2
-22.49	Min	Cent	-631136.6	-285501.1	-65200.6	-274046.0	-642591.7
-79.85		658	-184896.2	-157896.5	-94623.3	-75814.9	-266977.8
-49.06		648	-1164454.7	-379827.7	-26379.1	-379272.5	-1165009.8
-88.48		647	-1137766.7	-517628.6	-46130.4	-514801.3	-1140594.0
-86.15		657	-64292.4	-104631.4	-117698.8	38170.6	-198680.8
-42.02							

		NODE	Vxx	Vyy
	Max	Cent	1024.1	124.1
		658	971.0	-16.7
		648	971.0	296.0
		647	1077.9	296.0
		657	1077.9	-16.7
	Min	Cent	339.9	26.5
		658	322.8	-58.0
		648	322.8	79.0
		647	356.8	79.0
		657	356.8	-58.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-1001.1	-278.6	3320.1	1528.0	-2683.0
49.80			658	-1033.7	-71.0	3320.1	1638.8	-2597.6
51.35			648	-1033.7	-479.8	3320.1	1398.7	-2759.4
48.69			647	-968.3	-479.8	3320.1	1427.4	-2770.6

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.26			657	-968.3	-71.0	3320.1	1664.5	-2609.8
50.93								
79.19	Min	Cent		-5403.0	-1419.0	476.6	-697.5	-7282.9
80.88			658	-5437.2	-485.9	476.6	-206.0	-7103.1
76.37			648	-5437.2	-2352.2	476.6	-1208.2	-7555.7
76.62			647	-5368.8	-2352.2	476.6	-1210.4	-7507.2
80.99			657	-5368.8	-485.9	476.6	-207.0	-7048.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

			Max	Cent	-201630.4	-84351.7	-7571.4	-83692.9	-202289.2	
-85.73					658	-49097.0	-31979.1	-23965.8	-65986.4	
-54.83					648	-385220.7	-119042.6	18640.7	-118395.6	-385867.7
87.18					647	-379198.8	-158474.6	8131.2	-158403.3	-379270.1
88.97					657	51112.3	-1625.6	-30651.4	140600.3	-18263.2
-43.47			Min	Cent	-1096791.4	-399554.4	-110202.4	-382550.9	-1113794.8	
-81.23					658	-304353.1	-167113.8	-164678.7	-75814.9	-414136.7
-49.06					648	-2039232.6	-585032.0	-30826.0	-584378.9	-2039885.7
-88.79					647	-1990768.9	-771519.5	-70139.7	-767497.8	-1994790.6
-86.72					657	-64292.4	-104631.4	-203992.3	38170.6	-267963.3
-42.02										

NODE Vxx Vyy

			Max	Cent	1774.6	159.6	
					658	1698.9	-16.7
					648	1698.9	406.8
					647	1850.4	406.8
					657	1850.4	-16.7
			Min	Cent	339.9	26.5	
					658	322.8	-87.6
					648	322.8	79.0
					647	356.8	79.0
					657	356.8	-87.6

ELEM MAT SEC LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

637	1	4	c mob-a	Max	Cent	21.5	11.1	859.7	876.0	-843.4	
44.83						649	18.5	5.7	859.7	871.8	-847.6
44.79						639	18.5	19.8	859.7	878.8	-840.6
45.02						638	24.7	19.8	859.7	882.0	-837.5
44.92						648	24.7	5.7	859.7	875.0	-844.5
44.68											
-84.75				Min	Cent	-1699.3	-1270.1	-39.7	-1266.5	-1702.9	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.08		649	-1692.0	-506.5	-39.7	-505.1	-1693.3
-5.31		639	-1692.0	-2116.1	-39.7	-1688.3	-2119.8
-5.49		638	-1706.6	-2116.1	-39.7	-1702.7	-2120.0
-88.10		648	-1706.6	-506.5	-39.7	-505.2	-1707.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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25.32	Max	Cent	11840.1	4342.9	4571.0	14003.0	2179.9
30.21		649	7095.1	1485.3	4941.7	9972.5	-1392.0
18.35		639	15603.6	4176.0	4258.2	17015.7	2763.9
34.88		638	17180.5	13676.9	4752.4	20493.7	10363.7
36.86		648	8134.5	4668.8	5935.3	12584.8	218.6
-82.56	Min	Cent	-678725.1	-197080.9	-63979.6	-188727.0	-687079.0
-80.41		649	-472490.3	-147550.0	-56513.9	-138001.6	-482038.6
-83.97		639	-903285.6	-342185.7	-59897.7	-335862.8	-909608.5
-84.94		638	-785010.7	-129137.0	-58543.7	-123952.4	-790195.3
-81.92		648	-567754.6	-187471.5	-55102.4	-179648.2	-575577.9

		NODE	Vxx	Vyy
Max	Cent		353.0	9.9
	649		442.3	60.8
	639		442.3	14.8
	638		267.0	14.8
	648		267.0	60.8
Min	Cent		-9.3	-262.7
	649		-8.7	-33.7
	639		-8.7	-517.2
	638		-10.7	-517.2
	648		-10.7	-33.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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44.97	c mob-b	Max	Cent	13.1	10.9	960.1	972.1	-948.1
44.89			649	13.1	5.4	960.1	969.4	-950.8
45.10			639	13.1	19.6	960.1	976.4	-943.7
45.10			638	13.2	19.6	960.1	976.5	-943.7
44.88			648	13.2	5.4	960.1	969.4	-950.8
-85.58		Min	Cent	-1640.0	-1294.1	-26.9	-1292.0	-1642.0
-88.66			649	-1637.1	-485.0	-26.9	-484.4	-1637.7
-2.18			639	-1637.1	-2341.9	-26.9	-1636.1	-2342.9
			638	-1642.9	-2341.9	-26.9	-1641.8	-2342.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.20
-88.67

648 -1642.9 -485.0 -26.9 -484.4 -1643.5

NODE Mxx Myy Mxy Mmax Mmin

Max Cent 9845.9 2587.5 1709.0 10228.2 2205.2

12.61 649 5712.1 760.2 1658.6 6216.3 256.0

16.91 639 13381.2 3588.7 2901.0 14176.1 2793.8

15.32 638 13841.1 6964.6 2865.4 14878.5 5927.2

19.90 648 6621.0 2419.2 2061.7 7463.6 1576.5

22.23 Min Cent -659646.3 -194303.2 -60987.6 -186442.9 -667506.5

-82.66 649 -457385.1 -144162.9 -52799.6 -135502.0 -466046.0

-80.68 639 -878435.9 -332402.9 -58281.2 -326251.5 -884587.3

-83.97 638 -769909.6 -129647.6 -56988.7 -124614.7 -774942.5

-84.95 648 -550766.0 -186070.9 -51562.2 -178921.0 -557915.9

-82.11

NODE Vxx Vyy

Max Cent 347.6 5.8

649 432.5 62.8

639 432.5 6.1

638 266.4 6.1

648 266.4 62.8

Min Cent -7.5 -238.3

649 -7.7 -24.1

639 -7.7 -477.6

638 -7.6 -477.6

648 -7.6 -24.1

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

pp Cent -4630.7 -3425.5 2010.0 -1929.7 -6126.5

53.34 649 -4640.1 -1396.0 2010.0 -435.2 -5600.9

64.45 639 -4640.1 -5454.9 2010.0 -2996.6 -7098.4

39.27 638 -4621.3 -5454.9 2010.0 -2985.3 -7090.9

39.14 648 -4621.3 -1396.0 2010.0 -431.7 -5585.6

64.37

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -1954963.1 -543558.4 -179968.1 -520972.1 -1977549.4

-82.85 649 -1333058.3 -419202.3 -152406.1 -394455.3 -1357805.3

-80.78 639 -2622508.9 -992407.0 -167379.7 -975397.9 -2639518.1

-84.20 638 -2241048.0 -260954.3 -161913.5 -247801.9 -2254200.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-85.36
-82.66

648 -1623237.3 -501669.8 -146939.8 -482738.3 -1642168.7

NODE	Vxx	Vyy
Cent	1022.6	-653.9
649	1305.3	50.7
639	1305.3	-1358.4
638	739.9	-1358.4
648	739.9	50.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-59.54	vento -y	Cent	-27.8	145.0	-155.4	236.4	-119.2
-44.12		649	-15.1	-24.6	-155.4	135.6	-175.4
-68.35		639	-15.1	314.7	-155.4	376.4	-76.8
-69.40		638	-40.5	314.7	-155.4	373.1	-98.9
-46.46		648	-40.5	-24.6	-155.4	123.0	-188.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
24.92	Cent	2530.2	-521.0	1808.4	3370.5	-1361.4
28.85	649	836.8	-911.9	1382.7	1598.4	-1673.5
33.56	639	4308.4	2811.6	1774.2	5485.6	1634.5
19.21	638	2262.1	-2694.7	1965.5	2946.9	-3379.5
19.09	648	2713.3	-1289.2	1574.0	3258.2	-1834.1

NODE	Vxx	Vyy
Cent	-1.4	6.1
649	-3.0	1.6
639	-3.0	10.6
638	0.2	10.6
648	0.2	1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-59.02	cedime~1	Cent	-191.7	126.7	-298.9	306.2	-371.2
-48.15		649	-166.8	-100.8	-298.9	166.9	-434.6
-65.54		639	-166.8	354.2	-298.9	490.2	-302.8
-66.84		638	-216.6	354.2	-298.9	482.1	-344.5
-50.48		648	-216.6	-100.8	-298.9	145.8	-463.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-87.17          Cent  -67167.3  -27132.1  -1980.6  -27034.3  -67265.1
-87.64          649  -44281.1  -20998.5  -959.8   -20959.0  -44320.6
-86.66          639  -85936.3  -28238.2  -3379.4  -28040.9  -86133.6
-87.61          638  -85210.4  -28821.4  -2359.7  -28722.9  -85308.9
89.85          648  -53241.5  -30470.1   59.9    -30469.9  -53241.7
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      40.3      8.7
          649      44.7     15.9
          639      44.7      1.5
          638      35.9      1.5
          648      35.9     15.9
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent  -1198.6  -1059.7   701.7   -424.0   -1834.2
          649    -1215.3   -340.9   701.7    48.7   -1604.8
          639    -1215.3  -1778.5   701.7   -740.8  -2252.9
          638    -1181.9  -1778.5   701.7   -717.8  -2242.6
          648    -1181.9   -340.9   701.7    56.6  -1579.4
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent  -515628.3  -152146.8  -46024.2  -146409.7  -521365.4
          649  -348724.4  -113258.8  -36533.7  -107720.6  -354262.6
          639  -684305.6  -258313.6  -45617.4  -253483.4  -689135.8
          638  -602524.3   -92675.7  -44630.8   -88798.4  -606401.7
          648  -426959.1  -144338.9  -35547.1  -139936.5  -431361.5
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      273.6   -138.8
          649      340.6    32.0
          639      340.6   -309.5
          638      206.6   -309.5
          648      206.6    32.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1  Max  Cent  -1169.6   -918.0   1997.8    891.6   -2852.9
          649    -1190.3   -333.2   1997.8   1281.5  -2656.0
          51.05
    
```

PROJECT TITLE :

	Company		Client	
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41.00		639	-1190.3	-1397.6	1997.8	546.3	-3076.3
40.71		638	-1148.5	-1397.6	1997.8	570.3	-3080.2
50.77		648	-1148.5	-333.2	1997.8	1298.1	-2661.0
72.60	Min Cent		-3684.3	-2806.7	349.1	-2570.6	-3882.8
82.32		649	-3666.3	-1125.4	349.1	-1078.3	-3713.4
18.60		639	-3666.3	-4940.0	349.1	-3548.8	-5188.6
19.16		638	-3702.4	-4940.0	349.1	-3581.1	-5186.9
82.42		648	-3702.4	-1125.4	349.1	-1078.9	-3748.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-83.64	Max Cent		-499644.3	-146283.9	-39853.3	-141844.8	-504083.3
-82.66		649	-339146.1	-111253.5	-29862.4	-107405.4	-342994.2
-84.50		639	-663240.8	-252676.0	-39868.9	-248840.2	-667076.5
-85.70		638	-579330.6	-74211.9	-38215.0	-71337.1	-582205.4
-84.40		648	-415977.4	-138036.0	-27474.6	-135334.5	-418678.9
-82.85	Min Cent		-1499074.6	-445338.0	-134377.3	-428471.6	-1515941.0
-80.96		649	-1030867.4	-333449.8	-113787.3	-315354.3	-1048962.9
-84.09		639	-1989677.5	-748502.5	-129858.6	-735061.5	-2003118.5
-85.07		638	-1747499.1	-296521.5	-126024.4	-285657.0	-1758363.6
-82.49		648	-1246669.2	-427895.5	-109935.3	-413407.2	-1261157.6

		NODE	Vxx	Vyy
Max	Cent		790.5	-116.7
		649	982.5	132.7
		639	982.5	-288.1
		638	602.9	-288.1
		648	602.9	132.7
Min	Cent		261.1	-493.4
		649	328.9	-13.5
		639	328.9	-1007.7
		638	192.1	-1007.7
		648	192.1	-13.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.90	INV TO~2	Max	Cent	-1169.6	-918.0	2713.5	891.6	-2852.9
51.05			649	-1190.3	-333.2	2713.5	1281.5	-2656.0
41.00			639	-1190.3	-1397.6	2713.5	546.3	-3076.3
40.71			638	-1148.5	-1397.6	2713.5	570.3	-3080.2
			648	-1148.5	-333.2	2713.5	1298.1	-2661.0

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50.77								
	Min	Cent	-6251.5	-4624.4	349.1	-2605.1	-8270.8	
53.34								
			649	-6264.2	-1884.6	349.1	-1078.3	-7561.3
82.32								
			639	-6264.2	-7364.2	349.1	-4045.5	-9582.9
39.27								
			638	-6238.8	-7364.2	349.1	-4030.2	-9572.7
39.14								
			648	-6238.8	-1884.6	349.1	-1078.9	-7540.6
82.42								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	-499644.3	-146283.9	-39853.3	-141844.8	-504083.3	
-83.64								
			649	-339146.1	-111253.5	-29862.4	-107405.4	-342994.2
-82.66								
			639	-663240.8	-252676.0	-39868.9	-248840.2	-667076.5
-84.50								
			638	-579330.6	-74211.9	-38215.0	-71337.1	-582205.4
-85.70								
			648	-415977.4	-138036.0	-27474.6	-135334.5	-418678.9
-84.40								
	Min	Cent	-2639200.2	-733803.8	-242956.9	-703312.3	-2669691.7	
-82.85								
			649	-1799628.7	-565923.2	-205748.2	-532514.7	-1833037.2
-80.78								
			639	-3540387.1	-1339749.5	-225962.6	-1316787.1	-3563349.4
-84.20								
			638	-3025414.7	-352288.2	-218583.2	-334532.5	-3043170.5
-85.36								
			648	-2191370.3	-677254.2	-198368.8	-651696.7	-2216927.8
-82.66								

	NODE	Vxx	Vyy
Max	Cent	1380.6	-116.7
	649	1762.2	132.7
	639	1762.2	-288.1
	638	998.9	-288.1
	648	998.9	132.7
Min	Cent	261.1	-882.8
	649	328.9	-13.5
	639	328.9	-1833.9
	638	192.1	-1833.9
	648	192.1	-13.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
638	1	4	c mob-a	Max	Cent	15.6	5.9	735.5	746.2	-724.8
44.81										
44.89					659	13.1	7.7	735.5	745.8	-725.1
44.86					649	13.1	5.8	735.5	744.9	-726.0
44.76					648	18.1	5.8	735.5	747.4	-723.5
44.80					658	18.1	7.7	735.5	748.4	-722.6
-88.04				Min	Cent	-1507.3	-317.0	-40.7	-315.6	-1508.7
-88.35					659	-1573.8	-166.0	-40.7	-164.8	-1574.9

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-87.90	649	-1573.8	-468.1	-40.7	-466.6	-1575.3
-87.61	648	-1442.6	-468.1	-40.7	-466.4	-1444.3
-88.18	658	-1442.6	-166.0	-40.7	-164.7	-1443.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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31.48	Max	Cent	6533.6	1881.8	4555.4	9322.6	-907.1	
30.38			659	3625.7	276.3	2991.2	5379.1	-1477.1
26.81			649	9548.8	1736.6	5300.6	12227.1	-941.6
32.09			648	10584.3	4856.2	5920.6	14297.2	1143.3
24.26			658	8437.7	2516.2	3348.8	9946.9	1007.0
-82.84	Min	Cent	-301875.7	-106268.3	-24954.7	-103134.9	-305009.1	
-69.98			659	-74803.2	-45244.8	-12422.5	-40717.4	-79330.6
-85.00			649	-507147.2	-154755.9	-31044.3	-152041.9	-509861.1
-83.90			648	-534137.3	-181051.1	-38154.6	-176975.1	-538213.2
-68.71			658	-92037.5	-49996.6	-19317.8	-42468.2	-99565.9

	NODE	Vxx	Vyy
Max	Cent	428.2	38.0
	659	420.5	15.6
	649	420.5	60.8
	648	438.4	60.8
	658	438.4	15.6
Min	Cent	-8.1	-27.5
	659	-7.6	-21.8
	649	-7.6	-33.7
	648	-8.7	-33.7
	658	-8.7	-21.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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44.89	c mob-b	Max	Cent	11.5	5.6	811.5	820.1	-803.0	
44.92				659	11.1	6.4	811.5	820.3	-802.8
44.90				649	11.1	5.5	811.5	819.8	-803.3
44.88				648	12.1	5.5	811.5	820.3	-802.8
44.90				658	12.1	6.4	811.5	820.8	-802.3
-88.56		Min	Cent	-1468.7	-304.8	-29.4	-304.1	-1469.5	
-88.78				659	-1536.9	-159.5	-29.4	-158.9	-1537.5
-88.45				649	-1536.9	-450.2	-29.4	-449.4	-1537.7
-88.23				648	-1400.9	-450.2	-29.4	-449.3	-1401.8
				658	-1400.9	-159.5	-29.4	-158.8	-1401.6

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-88.65

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	4505.0	552.2	2163.6	5459.0	-401.9
23.79		659	1098.8	159.0	2335.8	3011.5	-1753.7
39.31		649	7886.0	910.9	2275.7	8562.7	234.1
16.56		648	8398.3	2583.6	2519.3	9338.0	1643.9
20.46		658	2610.4	610.4	1580.8	3480.9	-260.2
28.84	Min	Cent	-292062.1	-105308.6	-22428.8	-102652.8	-294718.0
-83.25		659	-71831.1	-45186.3	-10926.7	-41278.5	-75738.9
-70.32		649	-491889.9	-151305.0	-27798.5	-149051.0	-494143.9
-85.36		648	-519056.0	-180124.9	-34798.1	-176589.1	-522591.8
-84.20		658	-85968.5	-50024.4	-17721.1	-42756.9	-93235.9
-67.70							

		NODE	Vxx	Vyy
Max	Cent		416.1	39.3
		659	408.5	16.3
		649	408.5	62.8
		648	427.3	62.8
		658	427.3	16.3
Min	Cent		-6.9	-20.3
		659	-6.6	-17.5
		649	-6.6	-24.1
		648	-7.3	-24.1
		658	-7.3	-17.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-4225.0	-892.5	1884.7	-43.1	-5074.4
65.74		659	-4454.0	-470.1	1884.7	280.2	-5204.4
68.29		649	-4454.0	-1314.9	1884.7	-431.7	-5337.2
64.89		648	-3995.9	-1314.9	1884.7	-342.5	-4968.2
62.71		658	-3995.9	-470.1	1884.7	347.7	-4813.7
66.54							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-841481.7	-282774.8	-56869.3	-277045.0	-847211.5
-84.25		659	-190102.4	-105847.4	-25374.2	-98795.8	-197153.9
-74.47		649	-1434095.7	-439409.8	-71314.4	-434322.9	-1439182.6
-85.92		648	-1520078.9	-481038.1	-92124.1	-472933.4	-1528183.6
-84.97		658	-221649.9	-104803.8	-46184.0	-88754.0	-237699.8

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-70.84

NODE	Vxx	Vyy
Cent	1234.8	17.7
659	1211.2	-15.2
649	1211.2	50.7
648	1258.4	50.7
658	1258.4	-15.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-42.98	vento -y	Cent	9.7	-7.8	-124.0	125.3	-123.4
-41.26		659	34.1	1.5	-124.0	142.9	-107.3
-39.17		649	34.1	-17.1	-124.0	135.1	-118.2
-44.71		648	-14.6	-17.1	-124.0	108.1	-139.9
-46.86		658	-14.6	1.5	-124.0	117.7	-130.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
8.57	Cent	1624.1	-1227.9	439.9	1690.4	-1294.2
1.76	659	599.9	-1001.8	49.2	601.4	-1003.3
16.02	649	1891.3	-701.0	811.3	2124.3	-933.9
11.35	648	2796.3	-1272.6	851.4	2967.3	-1443.6
1.63	658	1208.7	-1936.4	89.4	1211.2	-1939.0

NODE	Vxx	Vyy
Cent	-1.4	1.9
659	-1.3	2.2
649	-1.3	1.6
648	-1.5	1.6
658	-1.5	2.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-48.88	cedime~1	Cent	-116.8	-47.4	-254.6	174.8	-339.0
-48.41		659	-70.0	-9.1	-254.6	216.8	-295.9
-44.11		649	-70.0	-85.8	-254.6	176.8	-332.6
-49.34		648	-163.5	-85.8	-254.6	132.9	-382.2
-53.44		658	-163.5	-9.1	-254.6	179.7	-352.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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76.13	Cent	-25100.7	-19458.8	1483.6	-19092.5	-25467.0
6.30	659	-5505.7	-12144.1	741.4	-5423.9	-12225.9
84.35	649	-45609.8	-21264.3	2434.3	-21023.2	-45850.8
84.48	648	-47797.6	-29381.3	1796.1	-29207.8	-47971.2
0.44	658	-1489.6	-15045.4	103.2	-1488.8	-15046.2

NODE	Vxx	Vyy
Cent	42.0	11.8
659	39.4	7.7
649	39.4	15.9
648	44.7	15.9
658	44.7	7.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.09	perm	Cent	-1130.9	-224.8	619.4	89.5	-1445.3
65.72		659	-1216.1	-122.3	619.4	157.0	-1495.5
62.83		649	-1216.1	-327.3	619.4	-9.4	-1534.0
60.06		648	-1045.7	-327.3	619.4	29.5	-1402.5
63.35		658	-1045.7	-122.3	619.4	188.5	-1356.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-85.32	Cent	-222115.9	-81810.2	-11562.1	-80863.8	-223062.3
-77.71	659	-52834.6	-33547.9	-4410.4	-32587.2	-53795.3
-86.80	649	-377176.1	-118949.1	-14484.3	-118139.2	-377986.1
-85.63	648	-402176.0	-139382.3	-20208.3	-137837.4	-403720.9
-67.95	658	-56276.7	-35361.6	-10134.4	-31256.7	-60381.6

NODE	Vxx	Vyy
Cent	325.3	17.2
659	316.1	2.3
649	316.1	32.0
648	334.5	32.0
658	334.5	2.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.30	INV TO~1 Max	Cent	-1109.9	-216.9	1715.0	1108.7	-2283.1
53.79		659	-1198.5	-112.0	1715.0	1143.7	-2263.8
52.19		649	-1198.5	-319.5	1715.0	1011.4	-2359.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.78		648	-1021.3	-319.5	1715.0	1080.1	-2306.6
52.42		658	-1021.3	-112.0	1715.0	1207.6	-2207.2
83.25	Min	Cent	-3282.6	-700.2	309.9	-663.5	-3319.2
84.27		659	-3410.7	-355.5	309.9	-324.4	-3443.6
82.66		649	-3410.7	-1045.0	309.9	-1005.1	-3467.7
81.82		648	-3156.8	-1045.0	309.9	-1000.5	-3201.3
83.76		658	-3156.8	-355.5	309.9	-321.7	-3190.6

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-87.69	Max	Cent	-213295.4	-79269.8	-3928.8	-79051.6	-213513.6
-88.56		659	-47939.8	-33174.8	369.1	-33165.4	-47949.2
-88.31		649	-364285.3	-116604.6	-4894.2	-116388.0	-364501.9
-87.26		648	-387887.2	-132826.4	-10419.4	-132242.7	-388470.9
-69.51		658	-44885.7	-31964.7	-5510.3	-29866.6	-46983.9
-83.97	Min	Cent	-654748.7	-244731.2	-45251.0	-240111.3	-659368.6
-71.06		659	-159324.6	-106772.4	-21180.8	-99758.8	-166338.2
-85.95		649	-1107434.6	-349133.8	-56394.1	-345313.4	-1111255.0
-84.77		648	-1171059.0	-413182.6	-71717.0	-406785.7	-1177455.8
-65.79		658	-182017.0	-117940.0	-36213.4	-101704.1	-198252.8

		NODE	Vxx	Vyy
Max	Cent	648	945.4	82.1
		659	923.1	32.0
		649	923.1	132.7
		648	971.0	132.7
		658	971.0	32.0
Min	Cent	648	314.4	-19.9
		659	305.9	-27.1
		649	305.9	-13.5
		648	322.8	-13.5
		658	322.8	-27.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.30	INV TO~2	Max	Cent	-1109.9	-216.9	2544.4	1108.7	-2283.1
53.79			659	-1198.5	-112.0	2544.4	1143.7	-2263.8
52.19			649	-1198.5	-319.5	2544.4	1011.4	-2359.7
50.78			648	-1021.3	-319.5	2544.4	1080.1	-2306.6
52.42			658	-1021.3	-112.0	2544.4	1207.6	-2207.2
		Min	Cent	-5703.7	-1204.9	309.9	-663.5	-6850.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.25							
	659	-6013.0	-634.7	309.9	-324.4	-7025.9	
84.27							
	649	-6013.0	-1775.1	309.9	-1005.1	-7205.2	
82.66							
	648	-5394.4	-1775.1	309.9	-1000.5	-6707.1	
81.82							
	658	-5394.4	-634.7	309.9	-321.7	-6498.5	
83.76							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	-213295.4	-79269.8	-3928.8	-79051.6	-213513.6
-87.69							
		659	-47939.8	-33174.8	369.1	-33165.4	-47949.2
-88.56							
		649	-364285.3	-116604.6	-4894.2	-116388.0	-364501.9
-88.31							
		648	-387887.2	-132826.4	-10419.4	-132242.7	-388470.9
-87.26							
		658	-44885.7	-31964.7	-5510.3	-29866.6	-46983.9
-69.51							
	Min	Cent	-1136000.3	-381745.9	-76773.5	-374010.7	-1143735.6
-84.25							
		659	-256638.2	-142893.9	-34255.1	-133374.4	-266157.7
-74.47							
		649	-1936029.2	-593203.3	-96274.4	-586336.0	-1942896.5
-85.92							
		648	-2052106.5	-649401.4	-124367.6	-638460.0	-2063047.9
-84.97							
		658	-299227.4	-141485.2	-62348.3	-119817.9	-320894.7
-70.84							

		NODE	Vxx	Vyy
	Max	Cent	1667.0	82.1
		659	1635.1	32.0
		649	1635.1	132.7
		648	1698.9	132.7
		658	1698.9	32.0
	Min	Cent	314.4	-19.9
		659	305.9	-27.1
		649	305.9	-13.5
		648	322.8	-13.5
		658	322.8	-27.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
	ANGLE										
645	1	4	c mob-a	Max	Cent	16.4	11.0	973.7	987.3	-960.0	
44.92					650	16.7	186.3	973.7	1078.8	-875.9	
47.49					640	16.7	24.2	973.7	994.1	-953.2	
45.11					639	17.1	24.2	973.7	994.3	-953.0	
45.10					649	17.1	186.3	973.7	1079.0	-875.6	
47.48					Min	Cent	-1835.2	-1740.0	-36.2	-1727.8	-1847.5
-71.36					650	-1896.9	-307.2	-36.2	-306.4	-1897.7	
-88.70					640	-1896.9	-3470.8	-36.2	-1896.1	-3471.7	
-1.32											

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.22	639	-1773.9	-3470.8	-36.2	-1773.1	-3471.6
-88.59	649	-1773.9	-307.2	-36.2	-306.3	-1774.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	10992.3	2485.2	3737.0	12400.8
20.65		650	6918.9	291.5	4088.2	8867.7
25.49		640	16797.1	7155.0	3336.5	17839.0
17.34		639	15803.9	5829.0	3233.1	16760.1
16.48		649	7209.4	1173.2	4224.1	9382.8
27.23	Min	Cent	-693979.0	-288585.0	-77438.2	-274296.4
-79.55		650	-318478.8	-117972.3	-44685.6	-108464.4
-77.99		640	-1092060.9	-595561.5	-55555.8	-589421.0
-83.69		639	-885136.9	-263044.3	-71376.7	-254959.8
-83.54		649	-483706.0	-201110.2	-60438.4	-188727.0
-78.42						

	NODE	Vxx	Vyy
Max	Cent	593.9	14.2
	650	754.1	220.0
	640	754.1	26.4
	639	442.3	26.4
	649	442.3	220.0
Min	Cent	-9.5	-563.9
	650	-11.4	-6.6
	640	-11.4	-1311.6
	639	-8.7	-1311.6
	649	-8.7	-6.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	12.7	11.9	1101.3	1113.6
44.99			650	13.4	259.0	1101.3	1244.3
48.18			640	13.4	27.5	1101.3	1121.8
45.18			639	12.3	27.5	1101.3	1121.2
45.20			649	12.3	259.0	1101.3	1243.8
48.20	Min	Cent	-1786.1	-1788.4	-24.3	-1762.9	-1811.6
-43.60			650	-1853.3	-279.7	-24.3	-279.3
-89.12			640	-1853.3	-3882.8	-24.3	-1853.1
-0.69			639	-1719.1	-3882.8	-24.3	-1718.9
-0.64			649	-1719.1	-279.7	-24.3	-279.3
-89.03							

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	9369.3	2020.4	1348.4	9609.0	1780.8
10.08		650	4602.3	199.2	1419.6	5020.3	-218.8
16.41		640	14476.3	5641.2	2245.3	15014.2	5103.4
13.47		639	13461.6	4036.1	1692.3	13756.2	3741.5
9.88		649	5735.7	790.1	1438.0	6123.4	402.4
15.09	Min	Cent	-673115.5	-280281.9	-73127.4	-267110.6	-686286.8
-79.79		650	-309200.7	-114708.6	-40885.5	-106463.3	-317445.9
-78.60		640	-1055979.3	-573384.0	-53341.4	-567558.5	-1061804.8
-83.77		639	-861059.8	-259310.7	-68778.5	-251549.6	-868820.9
-83.56		649	-468102.7	-195576.3	-56125.3	-184470.2	-479208.8
-78.81							

		NODE	Vxx	Vyy
	Max	Cent	576.4	6.6
		650	728.1	218.5
		640	728.1	13.2
		639	432.5	13.2
		649	432.5	218.5
	Min	Cent	-8.7	-522.2
		650	-10.1	-4.8
		640	-10.1	-1229.4
		639	-7.7	-1229.4
		649	-7.7	-4.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-5130.7	-4724.9	2173.2	-2745.1	-7110.4
47.67		650	-5361.3	-382.1	2173.2	433.0	-6176.4
69.44		640	-5361.3	-9067.6	2173.2	-4358.4	-10070.5
24.77		639	-4900.0	-9067.6	2173.2	-3973.0	-9994.6
23.10		649	-4900.0	-382.1	2173.2	493.5	-5775.7
68.05							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-1990734.7	-841275.9	-218464.1	-801155.4	-2030855.3
-79.59		650	-881857.5	-337984.4	-115844.7	-314337.6	-905504.3
-78.46		640	-3145305.7	-1714468.2	-159799.2	-1696838.7	-3162935.2
-83.70		639	-2570271.2	-731218.3	-206311.8	-708357.6	-2593131.8
-83.68		649	-1365504.4	-581432.9	-162357.2	-549143.4	-1397793.9
-78.75							

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	Company		Client	
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NODE	Vxx	Vyy
Cent	1757.2	-1494.9
650	2209.1	608.0
640	2209.1	-3597.8
639	1305.3	-3597.8
649	1305.3	608.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	28.7	235.1	-198.0	355.1	-91.4
-58.76		650	54.5	-116.1	-198.0	184.8	-246.4
-33.34		640	54.5	586.3	-198.0	651.9	-11.1
-71.66		639	2.9	586.3	-198.0	647.1	-58.0
-72.92		649	2.9	-116.1	-198.0	150.1	-263.4
-36.64							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2462.5	1079.9	1002.9	2989.3	553.2
27.71	650	1378.4	691.0	798.7	1904.3	165.2
33.36	640	3355.1	1872.4	1221.7	4042.8	1184.6
29.38	639	4116.9	1853.9	1339.8	4739.1	1231.7
24.91	649	999.6	-97.6	916.8	1519.4	-617.4
29.55						

NODE	Vxx	Vyy
Cent	-2.5	1.8
650	-1.9	3.0
640	-1.9	0.7
639	-3.0	0.7
649	-3.0	3.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-96.9	262.6	-364.4	489.2	-323.5
-58.13		650	-54.2	-227.3	-364.4	233.8	-515.3
-38.32		640	-54.2	752.5	-364.4	892.7	-194.5
-68.95		639	-139.7	752.5	-364.4	882.4	-269.6
-70.38		649	-139.7	-227.3	-364.4	183.5	-550.5
-41.57							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-65180.9	-30792.4	-5281.6	-29999.5	-65973.8
-81.46						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.29	650	-25642.1	-11019.5	-694.7	-10986.5	-25675.1
-84.80	640	-103607.6	-56630.4	-4307.8	-56238.6	-103999.3
-84.05	639	-86446.0	-30786.6	-5860.1	-30176.3	-87056.3
-83.76	649	-45028.1	-24733.4	-2247.0	-24487.6	-45273.9

NODE	Vxx	Vyy
Cent	60.6	-26.1
650	76.5	40.8
640	76.5	-92.9
639	44.7	-92.9
649	44.7	40.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.48	perm	Cent	-1386.2	-1469.5	785.5	-641.2	-2214.5
66.71		650	-1475.0	11.4	785.5	349.6	-1813.2
23.40		640	-1475.0	-2950.4	785.5	-1135.1	-3290.4
21.77		639	-1297.3	-2950.4	785.5	-983.5	-3264.2
64.90		649	-1297.3	11.4	785.5	379.4	-1665.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-80.14	Cent	-518328.1	-220399.2	-53402.7	-211116.2	-527611.1
-80.39	650	-236040.0	-89139.6	-25599.1	-84806.5	-240373.2
-83.73	640	-806913.4	-434240.7	-41478.6	-429679.9	-811474.2
-83.56	639	-673486.0	-204215.8	-53646.5	-198161.1	-679540.7
-79.79	649	-356872.8	-154000.9	-37766.9	-147198.2	-363675.5

NODE	Vxx	Vyy
Cent	449.1	-337.0
650	557.6	168.6
640	557.6	-842.6
639	340.6	-842.6
649	340.6	168.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.44	INV TO~1 Max	Cent	-1364.1	-1190.9	2272.3	863.9	-3238.6
55.88		650	-1452.6	361.1	2272.3	1900.8	-2763.2
36.09		640	-1452.6	-2160.9	2272.3	203.8	-3769.5
35.08		639	-1274.2	-2160.9	2272.3	321.8	-3731.4

PROJECT TITLE :

	Company		Client	
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54.90			649	-1274.2	361.1	2272.3	1958.4	-2698.8
57.25	Min	Cent		-3960.7	-3883.9	372.2	-3381.9	-4610.5
83.93			650	-4090.1	-630.6	372.2	-591.0	-4179.6
6.26			640	-4090.1	-8192.3	372.2	-4049.2	-8318.9
5.83			639	-3831.7	-8192.3	372.2	-3793.7	-8309.8
83.45			649	-3831.7	-630.6	372.2	-587.9	-3874.4

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-80.67	Max	Cent		-503488.4	-217044.2	-48357.7	-209100.7	-511431.9
-81.88			650	-226699.5	-88746.1	-20080.0	-85882.8	-229562.9
-84.19			640	-784237.4	-424581.4	-36974.3	-420819.7	-787999.2
-83.90			639	-652150.8	-196346.6	-49281.8	-191079.1	-657418.3
-80.89			649	-347140.2	-152417.1	-32064.4	-147273.0	-352284.2
-79.82	Min	Cent		-1520380.7	-640781.4	-163225.9	-611468.7	-1549693.4
-79.08			650	-691628.5	-259421.7	-86619.4	-242708.5	-708341.8
-83.75			640	-2384803.2	-1294879.1	-120786.7	-1281653.8	-2398028.5
-83.57			639	-1954866.9	-590112.1	-155865.2	-572537.4	-1972441.5
-79.04			649	-1054904.1	-450233.1	-121605.8	-426693.2	-1078443.9

		NODE	Vxx	Vyy
	Max	Cent	1311.4	-317.8
		650	1652.2	506.4
		640	1652.2	-807.0
		639	982.5	-807.0
		649	982.5	506.4
	Min	Cent	436.3	-1124.3
		650	542.3	159.8
		640	542.3	-2706.1
		639	328.9	-2706.1
		649	328.9	159.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

44.44	INV TO~2	Max	Cent	-1364.1	-1190.9	2933.9	863.9	-3238.6
55.88			650	-1452.6	361.1	2933.9	1900.8	-2763.2
36.09			640	-1452.6	-2160.9	2933.9	203.8	-3769.5
35.08			639	-1274.2	-2160.9	2933.9	321.8	-3731.4
54.90			649	-1274.2	361.1	2933.9	1958.4	-2698.8
47.67		Min	Cent	-6926.4	-6378.6	372.2	-3705.9	-9599.1
			650	-7237.8	-630.6	372.2	-591.0	-8338.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.93							
	640	-7237.8	-12241.2	372.2	-5883.8	-13595.2	
24.77							
	639	-6615.0	-12241.2	372.2	-5363.5	-13492.7	
23.10							
	649	-6615.0	-630.6	372.2	-587.9	-7797.1	
83.45							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	-503488.4	-217044.2	-48357.7	-209100.7	-511431.9
-80.67							
		650	-226699.5	-88746.1	-20080.0	-85882.8	-229562.9
-81.88							
		640	-784237.4	-424581.4	-36974.3	-420819.7	-787999.2
-84.19							
		639	-652150.8	-196346.6	-49281.8	-191079.1	-657418.3
-83.90							
		649	-347140.2	-152417.1	-32064.4	-147273.0	-352284.2
-80.89							
	Min	Cent	-2687491.9	-1135722.5	-294926.6	-1081559.8	-2741654.6
-79.59							
		650	-1190507.7	-456278.9	-156390.3	-424355.8	-1222430.7
-78.46							
		640	-4246162.7	-2314532.1	-215729.0	-2290732.2	-4269962.6
-83.70							
		639	-3469866.1	-987144.7	-278520.9	-956282.8	-3500728.0
-83.68							
		649	-1843431.0	-784934.4	-219182.2	-741343.6	-1887021.7
-78.75							

		NODE	Vxx	Vyy
	Max	Cent	2372.2	-317.8
		650	2982.2	820.8
		640	2982.2	-807.0
		639	1762.2	-807.0
		649	1762.2	820.8
	Min	Cent	436.3	-2018.1
		650	542.3	159.8
		640	542.3	-4857.0
		639	328.9	-4857.0
		649	328.9	159.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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646	1	4	c mob-a	Max	Cent	12.8	89.4	549.2	601.6
47.00									
					660	12.4	6.4	549.2	558.6
44.84									
					650	12.4	217.1	549.2	673.4
50.28									
					649	13.2	217.1	549.2	673.7
50.26									
					659	13.2	6.4	549.2	559.0
44.82									
				Min	Cent	-1488.5	-201.9	-47.5	-200.1
-87.89									
					660	-1436.9	-166.6	-47.5	-164.8
-87.86									
					650	-1436.9	-258.0	-47.5	-256.0
-87.70									
					649	-1540.4	-258.0	-47.5	-256.2
-87.88									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.02		659	-1540.4	-166.6	-47.5	-164.9	-1542.1
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

	Max	Cent	5771.5	286.0	11299.0	14655.9	-8598.4
38.18		660	2273.7	81.9	7233.5	8493.8	-6138.2
40.69		650	9797.9	497.1	15128.8	20974.9	-10679.9
36.46		649	9658.0	1370.7	11221.3	17476.3	-6447.5
34.87		659	4394.3	150.1	3681.6	6521.6	-1977.1
30.02	Min	Cent	-294747.0	-107111.5	-5415.2	-106955.3	-294903.1
-88.35		660	-95016.8	-38711.4	-3747.2	-38463.1	-95265.0
-86.21		650	-491527.3	-152630.9	-6599.4	-152502.4	-491655.7
-88.88		649	-518354.6	-208286.0	-9680.5	-207984.1	-518656.5
-88.21		659	-74366.4	-34547.8	-7892.4	-33040.5	-75873.7
-79.19							

		NODE	Vxx	Vyy
	Max	Cent	402.2	109.9
		660	384.0	15.9
		650	384.0	220.0
		649	420.5	220.0
		659	420.5	15.9
	Min	Cent	-7.4	-6.5
		660	-7.3	-34.3
		650	-7.3	-6.6
		649	-7.6	-6.6
		659	-7.6	-34.3

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	c mob-b	Max	Cent	11.0	127.6	617.5	689.6	-551.0
47.70			660	11.0	6.4	617.5	626.2	-608.9
44.89			650	11.0	294.3	617.5	786.2	-480.9
51.46			649	11.1	294.3	617.5	786.3	-480.8
51.46			659	11.1	6.4	617.5	626.3	-608.8
44.89		Min	Cent	-1444.4	-185.7	-34.8	-184.7	-1445.4
-88.42			660	-1387.9	-160.1	-34.8	-159.1	-1388.9
-88.38			650	-1387.9	-231.6	-34.8	-230.5	-1389.0
-88.28			649	-1501.1	-231.6	-34.8	-230.6	-1502.1
-88.43			659	-1501.1	-160.1	-34.8	-159.2	-1502.0
-88.51								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Max	Cent	660	650	649	659	Min	Cent	660	650	649	659
39.53	4453.4	201.1	11007.1	13537.8	-8883.4							
42.35	1396.9	74.9	7138.3	7904.7	-6432.9							
37.83	7967.7	323.7	14951.7	19578.1	-11286.8							
36.12	7916.5	994.3	10807.3	15803.3	-6892.6							
40.10	1226.1	92.7	3283.8	3991.7	-2672.9							
-88.81	-285514.2	-103807.4	-3778.3	-103728.9	-285592.8							
-87.17	-91976.4	-37246.3	-2712.0	-37112.2	-92110.4							
-89.23	-476607.8	-148183.7	-4387.3	-148125.1	-476666.3							
-88.61	-502603.6	-202724.8	-7288.0	-202547.8	-502780.6							
-80.18	-71077.1	-33894.4	-6634.8	-32745.9	-72225.6							

	NODE	Vxx	Vyy
Max	Cent	390.5	110.8
	660	372.5	16.9
	650	372.5	218.5
	649	408.5	218.5
	659	408.5	16.9
Min	Cent	-6.4	-4.2
	660	-6.1	-28.2
	650	-6.1	-4.8
	649	-6.6	-4.8
	659	-6.6	-28.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
72.27	pp	Cent	-4141.3	-327.4	1358.6	107.1	-4575.8
70.97		660	-3941.5	-470.5	1358.6	-2.0	-4410.1
72.06		650	-3941.5	-184.3	1358.6	255.5	-4381.3
73.41		649	-4341.0	-184.3	1358.6	220.4	-4745.7
72.46		659	-4341.0	-470.5	1358.6	-41.3	-4770.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.53	Cent	-822895.9	-308876.1	13161.8	-308539.3	-823232.6
86.80	660	-254300.4	-110774.2	8053.9	-110323.6	-254750.9
88.79	650	-1384909.3	-438594.7	19960.4	-438173.9	-1385330.2
89.92	649	-1466541.8	-601640.4	1199.8	-601638.7	-1466543.5
-84.03	659	-185831.9	-84495.0	-10706.6	-83376.2	-186950.7

	NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	1153.5	277.9
660	1095.7	-52.2
650	1095.7	608.0
649	1211.2	608.0
659	1211.2	-52.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-36.76	vento -y	Cent	5.3	-55.7	-103.1	82.3	-132.7
-48.22		660	-13.9	9.4	-103.1	101.5	-106.0
-31.29		650	-13.9	-120.8	-103.1	48.8	-183.5
-27.41		649	24.5	-120.8	-103.1	78.0	-174.3
-42.91		659	24.5	9.4	-103.1	120.3	-86.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

18.76	Cent	1235.3	139.9	420.6	1378.2	-3.0
9.91	660	358.4	98.8	46.8	366.5	90.7
27.62	650	1814.7	778.3	746.7	2205.4	387.6
19.41	649	2054.2	113.3	781.0	2329.5	-162.0
4.03	659	714.0	-431.0	81.1	719.8	-436.7

NODE	Vxx	Vyy

Cent	-1.3	2.7
660	-1.4	2.5
650	-1.4	3.0
649	-1.3	3.0
659	-1.3	2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-44.47	cedime~1	Cent	-114.1	-122.8	-236.4	118.0	-354.9
-52.59		660	-143.2	-15.0	-236.4	165.9	-324.0
-39.76		650	-143.2	-230.7	-236.4	53.5	-427.4
-36.44		649	-85.1	-230.7	-236.4	89.5	-405.3
-49.22		659	-85.1	-15.0	-236.4	189.0	-289.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

74.14	Cent	-25962.7	-13323.9	3905.3	-12214.5	-27072.0
64.74	660	-9505.2	-6349.3	1915.3	-5445.7	-10408.9

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.49		650	-43438.4	-14578.7	5543.8	-13550.4	-44466.6
77.48		649	-46356.7	-24999.1	4989.7	-23890.9	-47464.9
22.01		659	-4550.6	-7368.3	1361.2	-4000.4	-7918.5

NODE	Vxx	Vyy
Cent	36.3	24.5
660	33.2	8.3
650	33.2	40.8
649	39.4	40.8
659	39.4	8.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
69.66	perm	Cent	-1100.5	-24.7	462.2	146.6	-1271.7
67.23		660	-1024.8	-117.9	462.2	76.1	-1218.8
69.89		650	-1024.8	68.5	462.2	237.7	-1194.0
71.70		649	-1176.1	68.5	462.2	221.4	-1329.0
69.43		659	-1176.1	-117.9	462.2	55.5	-1349.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
87.38	Cent	-217713.3	-82449.7	6205.4	-82165.6	-217997.4
84.49	660	-69935.5	-29877.6	3897.8	-29501.9	-70311.3
87.98	650	-364383.7	-114808.4	8824.0	-114496.8	-364695.3
88.99	649	-385324.6	-159691.2	3988.4	-159620.7	-385395.0
-87.92	659	-51209.3	-25421.7	-937.8	-25387.7	-51243.4

NODE	Vxx	Vyy
Cent	300.8	82.8
660	285.5	-2.9
650	285.5	168.6
649	316.1	168.6
659	316.1	-2.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.70	INV TO~1 Max	Cent	-1083.2	147.5	1295.9	966.7	-1809.4
54.56		660	-1008.1	-109.3	1295.9	812.9	-1815.1
59.81		650	-1008.1	465.9	1295.9	1219.7	-1724.1
61.04		649	-1158.3	465.9	1295.9	1183.1	-1796.0
56.02		659	-1158.3	-109.3	1295.9	764.2	-1881.9

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86.71	Min	Cent	-3224.1	-420.1	161.6	-410.8	-3233.4
86.65		660	-3107.8	-357.8	161.6	-348.3	-3117.3
86.45		650	-3107.8	-510.4	161.6	-500.4	-3117.8
86.74		649	-3340.7	-510.4	161.6	-501.2	-3349.9
86.91		659	-3340.7	-357.8	161.6	-349.0	-3349.5

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
80.72	Max	Cent	-209921.7	-82063.6	25364.4	-78558.1	-213427.2
71.81		660	-66866.0	-29767.1	15578.3	-25278.3	-71354.8
83.07		650	-351156.5	-114137.3	34791.6	-110581.5	-354712.3
84.94		649	-372286.2	-157840.7	24126.8	-156146.3	-373980.6
79.05		659	-45277.0	-25219.0	5393.6	-24438.8	-46057.3
89.60	Min	Cent	-641584.4	-240374.1	-1105.2	-240354.5	-641604.0
89.64		660	-207713.4	-88487.3	-1160.8	-88482.5	-207718.1
89.58		650	-1071383.9	-335438.7	-85.2	-335398.2	-1071424.4
-89.65		649	-1131460.0	-465876.4	-9080.2	-465851.3	-1131485.1
-82.53		659	-156154.5	-79429.5	-11592.5	-78088.6	-157495.4

		NODE	Vxx	Vyy
Max	Cent		880.1	257.0
	660		837.0	28.2
	650		837.0	506.4
	649		923.1	506.4
	659		923.1	28.2
Min	Cent		290.8	74.0
	660		275.6	-49.3
	650		275.6	159.8
	649		305.9	159.8
	659		305.9	-49.3

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								
57.70	INV TO~2	Max	Cent	-1083.2	147.5	1834.1	966.7	-1809.4
54.56			660	-1008.1	-109.3	1834.1	812.9	-1815.1
59.81			650	-1008.1	465.9	1834.1	1219.7	-1724.1
61.04			649	-1158.3	465.9	1834.1	1183.1	-1796.0
56.02			659	-1158.3	-109.3	1834.1	764.2	-1881.9
86.71		Min	Cent	-5590.7	-442.0	161.6	-410.8	-6177.3
86.65			660	-5321.1	-635.2	161.6	-348.3	-5953.6
			650	-5321.1	-510.4	161.6	-500.4	-5914.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.45							
	649	-5860.4	-510.4	161.6	-501.2	-6406.7	
86.74							
	659	-5860.4	-635.2	161.6	-349.0	-6439.9	
86.91							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	-209921.7	-82063.6	25364.4	-78558.1	-213427.2
80.72							
		660	-66866.0	-29767.1	15578.3	-25278.3	-71354.8
71.81							
		650	-351156.5	-114137.3	34791.6	-110581.5	-354712.3
83.07							
		649	-372286.2	-157840.7	24126.8	-156146.3	-373980.6
84.94							
		659	-45277.0	-25219.0	5393.6	-24438.8	-46057.3
79.05							
	Min	Cent	-1110909.4	-416982.7	-1105.2	-416528.0	-1111364.1
88.53							
		660	-343305.5	-149545.1	-1160.8	-148936.9	-343913.7
86.80							
		650	-1869627.6	-592102.9	-85.2	-591534.7	-1870195.7
88.79							
		649	-1979831.5	-812214.5	-9080.2	-812212.2	-1979833.7
89.92							
		659	-250873.1	-114068.3	-14454.0	-112557.9	-252383.5
-84.03							

		NODE	Vxx	Vyy
	Max	Cent	1557.2	375.2
		660	1479.2	28.2
		650	1479.2	820.8
		649	1635.1	820.8
		659	1635.1	28.2
	Min	Cent	290.8	74.0
		660	275.6	-70.4
		650	275.6	159.8
		649	305.9	159.8
		659	305.9	-70.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
653	1	4	c mob-a	Max	Cent	19.6	305.6	808.5	983.7
50.01									
					651	22.7	7.2	808.5	823.5
44.73									
					641	22.7	1135.6	808.5	1560.6
62.27									
					640	18.4	1135.6	808.5	1559.7
62.32									
					650	18.4	7.2	808.5	821.3
44.80									
				Min	Cent	-1824.9	-484.0	-34.0	-483.1
-88.55									
					651	-1983.3	-758.8	-34.0	-757.8
-88.41									
					641	-1983.3	-498.7	-34.0	-497.9
-88.69									
					640	-1667.4	-498.7	-34.0	-497.7
-88.33									
					650	-1667.4	-758.8	-34.0	-757.5
-87.86									

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	11019.5	2845.1	75385.8	82428.8	-68564.2
43.45		651	8255.5	3246.7	69771.2	75567.3	-64065.1
43.97		641	15934.9	54773.1	72658.8	110563.1	-39855.1
52.48		640	16832.2	8513.5	49979.3	62825.0	-37479.3
42.62		650	6924.8	245.1	47550.6	51252.7	-44082.8
42.99							
	Min	Cent	-689530.4	-242299.4	-5021.2	-242243.0	-689586.7
-89.36		651	-590218.9	-219092.8	-6013.8	-218995.3	-590316.4
-89.07		641	-762797.9	-79857.8	-4706.0	-79825.4	-762830.4
-89.61		640	-1090586.5	-594988.8	-4532.5	-594947.4	-1090627.9
-89.48		650	-315514.3	-103129.9	-4838.0	-103019.7	-315624.5
-88.70							

		NODE	Vxx	Vyy
		-----	-----	-----
	Max	Cent	490.6	344.0
		651	228.4	21.5
		641	228.4	719.8
		640	754.1	719.8
		650	754.1	21.5
	Min	Cent	-9.0	-11.9
		651	-11.3	-91.7
		641	-11.3	-18.8
		640	-11.4	-18.8
		650	-11.4	-91.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		-----	-----	-----	-----	-----	-----	
	c mob-b	Max	Cent	16.3	422.2	930.1	1171.2	-732.7
51.16			651	19.5	6.9	930.1	943.2	-916.9
44.81			641	19.5	1328.9	930.1	1811.6	-463.2
62.57			640	13.4	1328.9	930.1	1810.3	-468.0
62.63			650	13.4	6.9	930.1	940.2	-919.9
44.90								
		Min	Cent	-1772.8	-432.2	-21.9	-431.8	-1773.2
-89.07			651	-1938.1	-752.9	-21.9	-752.5	-1938.5
-88.94			641	-1938.1	-407.5	-21.9	-407.2	-1938.4
-89.18			640	-1608.3	-407.5	-21.9	-407.1	-1608.7
-88.96			650	-1608.3	-752.9	-21.9	-752.3	-1608.9
-88.54								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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43.60	Max	Cent	8323.9	1132.3	73726.6	78542.3	-69086.1
43.75		651	6742.8	772.0	68545.7	72368.0	-64853.3
54.88		641	8269.0	58630.9	70071.2	107908.4	-41008.5
42.84		640	14763.0	7511.0	48070.7	59344.3	-37070.3
43.69		650	4498.8	185.0	47239.0	49630.0	-44946.3
-89.49	Min	Cent	-664846.8	-230295.7	-3834.3	-230261.9	-664880.6
-89.28		651	-570636.3	-204619.6	-4575.6	-204562.4	-570693.4
-89.68		641	-727105.6	-65770.1	-3674.5	-65749.7	-727126.0
-89.60		640	-1055868.8	-578032.7	-3299.6	-578009.9	-1055891.5
-89.05		650	-306245.0	-100070.4	-3419.0	-100013.7	-306301.6

	NODE	Vxx	Vyy
Max	Cent	468.8	345.0
	651	211.0	23.5
	641	211.0	711.4
	640	728.1	711.4
	650	728.1	23.5
Min	Cent	-5.9	-8.5
	651	-6.7	-79.5
	641	-6.7	-14.6
	640	-10.1	-14.6
	650	-10.1	-79.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
71.15	pp	Cent	-5067.0	-548.0	1746.2	48.1	-5663.1
67.17		651	-5608.0	-2195.6	1746.2	-1460.4	-6343.2
76.25		641	-5608.0	1099.5	1746.2	1526.9	-6035.4
74.08		640	-4525.9	1099.5	1746.2	1597.5	-5023.9
61.86		650	-4525.9	-2195.6	1746.2	-1261.5	-5460.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
80.46	Cent	-1944452.1	-666099.7	221180.2	-628912.9	-1981638.9
80.02	651	-1665787.0	-574780.1	198148.8	-539907.0	-1700660.1
84.41	641	-2088150.7	-53629.1	201151.7	-33932.1	-2107847.7
84.52	640	-3150751.7	-1741698.4	136485.4	-1728599.7	-3163850.4
77.62	650	-873118.9	-294291.2	133482.5	-264992.1	-902418.0

	NODE	Vxx	Vyy
	Cent	1397.1	935.8
	651	585.1	-168.6

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

641 585.1 2040.2
 640 2209.1 2040.2
 650 2209.1 -168.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-31.51	vento -y	Cent	15.9	-167.2	-179.9	126.3	-277.5
-45.71		651	57.8	66.7	-179.9	242.3	-117.7
-19.05		641	57.8	-401.2	-179.9	119.9	-463.3
-21.90		640	-25.9	-401.2	-179.9	46.4	-473.5
-52.22		650	-25.9	66.7	-179.9	206.2	-165.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.91	Cent	2231.5	2098.9	905.7	3073.3	1257.1
61.47	651	2156.0	3268.1	858.2	3734.6	1689.5
50.32	641	2014.1	2452.8	1168.0	3421.9	1045.0
25.32	640	3294.2	1567.9	1052.1	3791.9	1070.2
38.28	650	1461.6	1106.9	742.3	2047.4	521.0

NODE	Vxx	Vyy
Cent	-1.0	2.2
651	-0.0	2.8
641	-0.0	1.6
640	-1.9	1.6
650	-1.9	2.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-36.27	cedime~1	Cent	-107.4	-323.1	-343.0	144.3	-574.9
-48.84		651	-43.5	49.1	-343.0	348.9	-343.3
-23.23		641	-43.5	-695.3	-343.0	103.8	-842.6
-26.31		640	-171.4	-695.3	-343.0	-1.7	-865.0
-53.91		650	-171.4	49.1	-343.0	299.1	-421.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
76.90	Cent	-57996.3	-13806.1	10872.8	-11275.8	-60526.7
77.69	651	-52327.5	-4369.9	10993.2	-1970.0	-54727.3
83.78	641	-48473.2	26469.7	8271.3	27371.7	-49375.2

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81.29	640	-106127.0	-69227.2	5785.6	-68341.4	-107012.8
67.45	650	-25057.7	-8097.1	8507.4	-4565.2	-28589.5

NODE	Vxx	Vyy
Cent	39.5	64.5
651	2.6	12.7
641	2.6	116.4
640	76.5	116.4
650	76.5	12.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
68.55	perm	Cent	-1358.1	42.4	650.9	298.2	-1613.9
62.45		651	-1543.5	-635.4	650.9	-295.9	-1883.1
75.05		641	-1543.5	720.2	650.9	894.0	-1717.3
72.74		640	-1172.7	720.2	650.9	922.4	-1374.9
56.21		650	-1172.7	-635.4	650.9	-199.9	-1608.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
80.43	Cent	-498677.9	-164863.8	57918.7	-155100.2	-508441.5
80.01	651	-431765.6	-135421.6	53879.3	-125929.6	-441257.5
84.58	641	-518466.0	6978.7	50318.7	11754.1	-523241.3
84.69	640	-810701.2	-453179.6	33539.8	-450060.4	-813820.4
77.28	650	-233778.7	-77832.9	37100.4	-69456.5	-242155.2

NODE	Vxx	Vyy
Cent	342.8	265.3
651	128.0	-24.9
641	128.0	555.4
640	557.6	555.4
650	557.6	-24.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
58.51	INV TO~1 Max	Cent	-1331.6	612.4	1906.5	1780.4	-2361.2
51.55		651	-1512.9	-576.7	1906.5	888.1	-2705.0
68.28		641	-1512.9	2514.2	1906.5	3273.5	-2169.3
66.92		640	-1147.8	2514.2	1906.5	3326.5	-1960.1
48.90		650	-1147.8	-576.7	1906.5	1037.5	-2554.9
85.04	Min	Cent	-3929.2	-934.1	261.9	-911.4	-3951.9

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84.42		651	-4264.4	-1659.8	261.9	-1585.1	-4356.6
85.88		641	-4264.4	-648.4	261.9	-629.5	-4305.0
84.96		640	-3595.0	-648.4	261.9	-625.3	-3618.1
82.61		650	-3595.0	-1659.8	261.9	-1576.7	-3629.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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67.65	Max	Cent	-483801.6	-161023.0	170562.3	-95372.1	-549452.5
67.18		651	-420620.7	-131038.6	159063.7	-68732.2	-482927.0
77.27		641	-496953.8	112600.2	156679.4	148001.7	-532553.6
74.87		640	-787977.8	-441686.4	106797.4	-414375.5	-815288.6
62.98		650	-224430.3	-77502.0	109801.2	-25836.7	-276095.7
86.40	Min	Cent	-1487540.2	-505774.1	51140.0	-501872.6	-1491441.7
86.18		651	-1280888.6	-435566.7	45760.7	-431773.3	-1284682.0
88.26		641	-1596716.4	-100829.4	43965.6	-99495.1	-1598506.7
88.21		640	-2389120.0	-1325641.7	27420.9	-1324605.9	-2390155.8
85.17		650	-684780.7	-225155.3	30569.1	-221856.7	-688079.2

		NODE	Vxx	Vyy
Max	Cent		1044.7	795.6
		651	438.9	19.6
		641	438.9	1643.6
		640	1652.2	1643.6
		650	1652.2	19.6
Min	Cent		330.7	249.2
		651	112.7	-148.7
		641	112.7	530.0
		640	542.3	530.0
		650	542.3	-148.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
58.51	INV TO~2	Max	Cent	-1331.6	612.4	2357.3	1780.4	-2361.2
51.55			651	-1512.9	-576.7	2357.3	888.1	-2705.0
68.28			641	-1512.9	2514.2	2357.3	3273.5	-2169.3
66.92			640	-1147.8	2514.2	2357.3	3326.5	-1960.1
48.90			650	-1147.8	-576.7	2357.3	1037.5	-2554.9
85.04		Min	Cent	-6840.4	-934.1	261.9	-911.4	-7645.2
67.17			651	-7570.8	-2964.0	261.9	-1971.6	-8563.3
85.88			641	-7570.8	-648.4	261.9	-629.5	-8147.7
			640	-6110.0	-648.4	261.9	-625.3	-6782.3

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84.96
61.86

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-483801.6	-161023.0	298593.3	-95372.1	-549452.5
67.65		651	-420620.7	-131038.6	267500.9	-68732.2	-482927.0
67.18		641	-496953.8	112600.2	271554.9	148001.7	-532553.6
77.27		640	-787977.8	-441686.4	184255.3	-414375.5	-815288.6
74.87		650	-224430.3	-77502.0	180201.4	-25836.7	-276095.7
62.98	Min	Cent	-2625010.3	-899234.6	51140.0	-849032.4	-2675212.5
80.46		651	-2248812.5	-775953.1	45760.7	-728874.4	-2295891.2
80.02		641	-2819003.4	-100829.4	43965.6	-99495.1	-2845594.4
88.26		640	-4253514.9	-2351292.8	27420.9	-2333609.6	-4271198.0
84.52		650	-1178710.5	-397293.1	30569.1	-357739.3	-1218264.3
77.62							

		NODE	Vxx	Vyy

	Max	Cent	1886.1	1263.3
		651	789.9	19.6
		641	789.9	2754.2
		640	2982.2	2754.2
		650	2982.2	19.6
	Min	Cent	330.7	249.2
		651	112.7	-227.6
		641	112.7	530.0
		640	542.3	530.0
		650	542.3	-227.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

654	1	4	c mob-a	Max	Cent	14.4	6.3	438.3	448.7	-428.0
44.74					661	17.8	7.2	438.3	450.9	-425.8
44.66					651	17.8	7.0	438.3	450.7	-425.9
44.65					650	12.3	7.0	438.3	448.0	-428.7
44.83					660	12.3	7.2	438.3	448.1	-428.6
44.84				Min	Cent	-1512.6	-420.3	-59.8	-417.0	-1515.9
-86.87					661	-1538.1	-152.4	-59.8	-149.8	-1540.7
-87.53					651	-1538.1	-696.8	-59.8	-692.6	-1542.3
-85.95					650	-1487.2	-696.8	-59.8	-692.3	-1491.7
-85.69					660	-1487.2	-152.4	-59.8	-149.7	-1489.8
-87.44										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

	Max	Cent					
39.30			6773.1	440.6	15716.4	19639.0	-12425.3
44.64		661	7756.4	7271.4	19491.6	27007.1	-11979.3
41.34		651	10436.5	3492.3	27035.2	34221.6	-20292.8
36.41		650	9683.0	378.5	15043.6	20777.3	-10715.8
40.81		660	2304.6	85.6	7536.2	8812.6	-6422.3
-88.54	Min	Cent	-297688.5	-105183.4	-4903.5	-105058.6	-297813.3
-85.52		661	-82189.3	-39424.2	-3374.4	-39159.6	-82453.9
-89.04		651	-535527.6	-208131.0	-5489.4	-208039.0	-535619.6
-88.83		650	-488548.0	-137779.8	-7196.8	-137632.2	-488695.6
-85.10		660	-95774.7	-41017.6	-4733.9	-40611.4	-96181.0

		NODE	Vxx	Vyy
Max	Cent		413.4	24.7
	661		442.8	31.8
	651		442.8	21.5
	650		384.0	21.5
	660		384.0	31.8
Min	Cent		-7.5	-50.5
	661		-8.1	-13.4
	651		-8.1	-91.7
	650		-7.3	-91.7
	660		-7.3	-13.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.80	c mob-b	Max	Cent	13.1	6.0	519.5	529.1	-510.0
44.76			661	15.9	7.1	519.5	531.0	-508.0
44.75			651	15.9	6.7	519.5	530.8	-508.2
44.88			650	10.9	6.7	519.5	528.3	-510.7
44.90			660	10.9	7.1	519.5	528.5	-510.5
-87.64		Min	Cent	-1465.2	-415.7	-43.3	-414.0	-1466.9
-88.15			661	-1489.1	-147.7	-43.3	-146.4	-1490.5
-86.90			651	-1489.1	-692.7	-43.3	-690.4	-1491.5
-86.70			650	-1441.2	-692.7	-43.3	-690.2	-1443.7
-88.09			660	-1441.2	-147.7	-43.3	-146.3	-1442.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.61	Max	Cent	5363.5	322.7	16311.6	19348.3	-13662.0

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47.76		661	5022.0	8804.6	19540.7	26545.4	-12718.7
40.91		651	8763.7	1000.4	27011.9	32171.4	-22407.3
38.00		650	7846.9	243.8	15257.2	19769.0	-11678.3
43.39		660	1146.9	281.7	7703.6	8430.1	-7001.5
-89.03	Min	Cent	-288722.3	-98409.8	-3235.7	-98354.8	-288777.3
-86.85		661	-81626.8	-34018.5	-2627.8	-33873.9	-81771.4
-89.30		651	-517286.0	-193957.4	-3961.7	-193908.9	-517334.5
-89.21		650	-473641.1	-133393.1	-4698.3	-133328.3	-473706.0
-86.52		660	-92270.3	-37850.7	-3323.7	-37648.4	-92472.6

	NODE	Vxx	Vyy
Max	Cent	398.6	25.7
	661	424.8	31.8
	651	424.8	23.5
	650	372.5	23.5
	660	372.5	31.8
Min	Cent	-5.6	-42.2
	661	-5.2	-9.3
	651	-5.2	-79.5
	650	-6.1	-79.5
	660	-6.1	-9.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
73.84	pp	Cent	-4185.4	-1229.3	935.3	-958.3	-4456.4
76.92		661	-4248.9	-439.4	935.3	-222.2	-4466.1
70.00		651	-4248.9	-2019.3	935.3	-1678.9	-4589.2
69.17		650	-4121.9	-2019.3	935.3	-1663.5	-4477.7
76.54		660	-4121.9	-439.4	935.3	-215.5	-4345.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
86.98	Cent	-832252.6	-278011.5	29281.5	-276468.8	-833795.3
71.88	661	-203160.3	-69354.8	49039.0	-53307.0	-219208.2
86.28	651	-1496146.2	-540851.9	62458.6	-536785.6	-1500212.6
88.85	650	-1376170.7	-394901.6	19621.9	-394509.3	-1376562.9
87.58	660	-253533.0	-106937.6	6202.3	-106675.6	-253795.0

	NODE	Vxx	Vyy
	Cent	1164.5	-65.3
	661	1233.2	38.0
	651	1233.2	-168.6
	650	1095.7	-168.6

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660 1095.7 38.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-47.84	vento -y	Cent	6.6	29.1	-112.8	131.2	-95.5
-42.86		661	10.1	-6.7	-112.8	114.8	-111.4
-51.82		651	10.1	64.9	-112.8	153.6	-78.6
-52.66		650	3.1	64.9	-112.8	150.9	-83.0
-43.75		660	3.1	-6.7	-112.8	111.1	-114.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
74.46	Cent	821.6	1932.8	334.8	2025.9	728.6
-89.86	661	-413.0	2558.5	-7.1	2558.5	-413.0
72.69	651	1286.1	3094.1	624.3	3288.7	1091.5
30.96	650	1897.9	1194.1	659.8	2293.7	798.3
85.63	660	515.5	884.5	28.4	886.7	513.3

NODE	Vxx	Vyy
Cent	-1.5	2.7
661	-1.6	2.6
651	-1.6	2.8
650	-1.4	2.8
660	-1.4	2.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-51.23	cedime~1	Cent	-102.6	13.2	-262.1	223.8	-313.2
-48.57		661	-89.3	-23.5	-262.1	207.8	-320.6
-52.44		651	-89.3	50.0	-262.1	251.6	-290.9
-53.78		650	-116.0	50.0	-262.1	242.0	-307.9
-50.00		660	-116.0	-23.5	-262.1	196.4	-335.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.40	Cent	-27679.1	-2444.6	3905.3	-1854.1	-28269.6
82.23	661	-13417.8	6585.7	2782.0	6965.4	-13797.5
82.26	651	-45883.9	-3081.2	5930.4	-2274.7	-46690.4
81.20	650	-42853.9	-11656.3	4946.8	-10890.7	-43619.5

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76.29 660 -8560.7 -1626.7 1798.5 -1188.0 -8999.4

NODE	Vxx	Vyy
Cent	32.3	12.7
661	31.4	12.7
651	31.4	12.7
650	33.2	12.7
660	33.2	12.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

68.32	perm	Cent	-1107.5	-350.3	357.5	-208.2	-1249.6
72.35		661	-1125.1	-115.3	357.5	-1.5	-1238.8
63.53		651	-1125.1	-585.3	357.5	-407.3	-1303.1
62.61		650	-1089.9	-585.3	357.5	-400.1	-1275.2
71.87		660	-1089.9	-115.3	357.5	1.8	-1207.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

85.93	Cent	-220530.0	-66395.9	11025.8	-65611.2	-221314.7
75.01	661	-62601.9	-10680.7	14970.7	-6673.4	-66609.2
85.64	651	-388509.5	-126770.4	20077.4	-125239.2	-390040.7
88.00	650	-362122.4	-103501.7	9050.9	-103185.3	-362438.7
84.95	660	-68886.2	-24630.9	3944.1	-24282.2	-69235.0

NODE	Vxx	Vyy
Cent	298.4	-3.7
661	311.4	17.6
651	311.4	-24.9
650	285.5	-24.9
660	285.5	17.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

54.71	INV TO~1	Max	Cent	-1088.1	-328.6	1058.8	407.7	-1665.4
57.59			661	-1101.1	-105.5	1058.8	566.7	-1616.9
51.97			651	-1101.1	-525.8	1058.8	252.4	-1721.2
51.61			650	-1073.4	-525.8	1058.8	263.0	-1720.6
57.28			660	-1073.4	-105.5	1058.8	574.7	-1616.1
89.65		Min	Cent	-3252.2	-917.7	14.5	-904.4	-3252.3
89.72			661	-3290.8	-344.6	14.5	-344.5	-3290.9

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80.86		651	-3290.8	-1526.0	14.5	-1481.5	-3290.9
80.30		650	-3213.6	-1526.0	14.5	-1478.7	-3213.7
89.71		660	-3213.6	-344.6	14.5	-344.5	-3213.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.79	Max	Cent	-211386.3	-65801.0	36951.7	-58651.0	-218536.4
64.86		661	-52130.7	7791.2	44132.7	28500.5	-74667.0
77.93		651	-374420.2	-122055.8	62505.3	-109953.3	-386522.7
83.23		650	-349050.4	-102990.6	34594.9	-99468.7	-352572.3
72.68		660	-65775.0	-24250.7	16142.5	-19777.6	-70248.1
88.92	Min	Cent	-650088.5	-210838.1	4406.1	-210680.9	-650245.7
84.62		661	-186975.3	-63903.4	10415.3	-62922.9	-188305.0
88.57		651	-1157355.7	-410828.4	12666.8	-410365.4	-1157818.7
89.68		650	-1064516.0	-301160.7	-664.8	-301136.7	-1064540.1
-89.70		660	-206742.7	-81631.4	-2446.7	-81628.1	-206746.1

		NODE	Vxx	Vyy
Max	Cent		888.8	43.7
		661	940.6	73.2
		651	940.6	19.6
		650	837.0	19.6
		660	837.0	73.2
Min	Cent		288.3	-71.9
		661	300.5	-0.5
		651	300.5	-148.7
		650	275.6	-148.7
		660	275.6	-0.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.71	INV TO~2	Max	Cent	-1088.1	-328.6	1262.6	407.7	-1665.4
57.59			661	-1101.1	-105.5	1262.6	566.7	-1616.9
51.97			651	-1101.1	-525.8	1262.6	252.4	-1721.2
51.61			650	-1073.4	-525.8	1262.6	263.0	-1720.6
57.28			660	-1073.4	-105.5	1262.6	574.7	-1616.1
73.84		Min	Cent	-5650.3	-1659.6	14.5	-1293.7	-6016.2
89.72			661	-5736.0	-593.2	14.5	-344.5	-6029.2
70.00			651	-5736.0	-2726.0	14.5	-2266.5	-6195.4
69.17			650	-5564.6	-2726.0	14.5	-2245.7	-6044.9
			660	-5564.6	-593.2	14.5	-344.5	-5866.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.71

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	-211386.3	-65801.0	39530.0	-58651.0	-218536.4
77.79		661	-52130.7	7791.2	66202.7	28500.5	-74667.0
64.86		651	-374420.2	-122055.8	84319.2	-109953.3	-386522.7
77.93		650	-349050.4	-102990.6	34594.9	-99468.7	-352572.3
83.23		660	-65775.0	-24250.7	16142.5	-19777.6	-70248.1
72.68	Min	Cent	-1123541.0	-375315.5	4406.1	-373232.8	-1125623.6
86.98		661	-274266.4	-93629.0	10415.3	-71964.4	-295931.0
71.88		651	-2019797.4	-730150.1	12666.8	-724660.6	-2025287.0
86.28		650	-1857830.4	-533117.1	-664.8	-532587.6	-1858359.9
88.85		660	-342269.6	-144365.7	-2446.7	-144012.1	-342623.2
87.58							

		NODE	Vxx	Vyy
Max	Cent		1572.0	43.7
		661	1664.8	73.2
		651	1664.8	19.6
		650	1479.2	19.6
		660	1479.2	73.2
Min	Cent		288.3	-88.1
		661	300.5	-0.5
		651	300.5	-227.6
		650	275.6	-227.6
		660	275.6	-0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
661	1	4	c mob-a	Max	Cent	26.2	145.4	355.2	445.9	-274.4
49.76					652	29.1	4.8	355.2	372.4	-338.4
44.02					642	29.1	421.6	355.2	631.1	-180.4
59.46					641	23.6	421.6	355.2	629.7	-184.5
59.63					651	23.6	4.8	355.2	369.5	-341.1
44.24				Min	Cent	-2097.9	-462.3	-60.8	-460.0	-2100.2
-87.87					652	-2200.5	-533.8	-60.8	-531.5	-2202.7
-87.91					642	-2200.5	-442.9	-60.8	-440.8	-2202.6
-88.02					641	-1995.4	-442.9	-60.8	-440.5	-1997.7
-87.76					651	-1995.4	-533.8	-60.8	-531.2	-1997.9
-87.62										

ANGLE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.29		Max	Cent	11792.9	9509.5	19113.8	29799.0	-8496.7
				652	9159.5	10622.9	4862.4	14808.4
49.28				642	17388.1	44512.7	9847.4	47710.7
72.01				641	15235.2	14276.8	50436.6	65194.9
44.73				651	8279.1	4369.8	30281.0	36668.5
43.15		Min	Cent	-692313.4	-138047.0	-8294.6	-137922.9	-692437.5
-89.14				652	-629348.6	-241486.2	-23157.6	-240108.5
-86.60				642	-792847.8	-69923.5	-10121.3	-69781.8
-89.20				641	-763619.1	-69203.7	-5669.1	-69157.4
-89.53				651	-583719.6	-186698.7	-7832.9	-186544.2
-88.87								

		NODE	Vxx	Vyy
Max	Cent		226.3	50.4
		652	224.4	25.3
		642	224.4	87.8
		641	228.4	87.8
		651	228.4	25.3
Min	Cent		-11.6	-49.0
		652	-12.6	-100.2
		642	-12.6	-20.2
		641	-11.3	-20.2
		651	-11.3	-100.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

51.19	c mob-b	Max	Cent	22.5	210.9	429.3	556.2	-322.8
				652	24.8	3.4	429.3	443.5
44.29				642	24.8	512.7	429.3	762.5
59.80				641	20.2	512.7	429.3	761.4
59.92				651	20.2	3.4	429.3	441.2
44.44		Min	Cent	-2053.2	-414.3	-50.5	-412.7	-2054.7
-88.24				652	-2154.3	-507.4	-50.5	-505.9
-88.24				642	-2154.3	-371.5	-50.5	-370.0
-88.38				641	-1952.0	-371.5	-50.5	-369.8
-88.17				651	-1952.0	-507.4	-50.5	-505.7
-88.00								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

45.54		Max	Cent	6985.7	7691.4	18660.4	26002.2	-11325.2
				652	6271.7	6588.2	3230.5	9664.3
46.40								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

76.74		642	7367.4	46438.7	9746.3	48735.0	5071.1
47.53		641	8547.5	17109.5	48364.2	61381.8	-35724.8
42.32		651	6714.4	1054.5	30164.8	34181.6	-26412.8
-89.31	Min	Cent	-663007.3	-124593.3	-6529.3	-124514.1	-663086.4
-87.14		652	-605139.8	-221717.5	-19183.1	-220760.2	-606097.2
-89.27		642	-753448.2	-57174.2	-8879.0	-57061.0	-753561.4
-89.58		641	-729225.8	-60733.7	-4951.7	-60697.0	-729262.4
-89.11		651	-564383.3	-173452.0	-6066.1	-173357.9	-564477.4

	NODE	Vxx	Vyy
Max	Cent	208.8	48.5
	652	206.5	25.1
	642	206.5	91.0
	641	211.0	91.0
	651	211.0	25.1
Min	Cent	-7.2	-39.6
	652	-8.4	-88.4
	642	-8.4	-14.6
	641	-6.7	-14.6
	651	-6.7	-88.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
83.18	pp	Cent	-5961.9	-798.2	626.5	-723.3	-6036.8
82.72		652	-6265.8	-1443.7	626.5	-1363.6	-6345.8
84.21		642	-6265.8	-152.7	626.5	-89.1	-6329.3
83.59		641	-5658.0	-152.7	626.5	-82.3	-5728.4
81.72		651	-5658.0	-1443.7	626.5	-1352.5	-5749.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.36	Cent	-1910418.4	-311710.6	45859.2	-310396.2	-1911732.8
-87.90	652	-1746740.3	-591318.4	-42475.3	-589759.0	-1748299.7
89.72	642	-2145591.6	-50095.1	10317.6	-50044.3	-2145642.4
86.26	641	-2102214.5	-123948.2	129721.7	-115478.2	-2110684.5
86.24	651	-1647127.2	-481480.9	76928.8	-476425.8	-1652182.3

	NODE	Vxx	Vyy
	Cent	574.3	-7.7
	652	563.4	-186.4
	642	563.4	171.1
	641	585.1	171.1
	651	585.1	-186.4

PROJECT TITLE :

	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-26.64	vento -y	Cent	80.9	-83.1	-109.9	136.0	-138.2
-31.65		652	87.2	-23.4	-109.9	154.9	-91.1
-21.85		642	87.2	-142.7	-109.9	131.2	-186.8
-22.65		641	74.6	-142.7	-109.9	120.5	-188.6
-32.98		651	74.6	-23.4	-109.9	145.9	-94.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.63		Cent	2313.9	4286.2	1760.9	5318.2	1281.9
70.79		652	720.1	4960.1	1681.6	5546.1	134.1
62.22		642	4447.6	6874.2	1769.1	7806.1	3515.7
38.38		641	1722.9	997.0	1543.7	2945.8	-225.8
61.89		651	2365.0	4313.3	1456.2	5091.2	1587.2
		NODE	Vxx	Vyy			
		Cent	-1.9	6.5			
		652	-3.7	2.0			
		642	-3.7	11.1			
		641	-0.0	11.1			
		651	-0.0	2.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-36.74	cedime~1	Cent	-4.6	-153.3	-250.8	182.6	-340.5
-40.18		652	0.3	-84.8	-250.8	212.1	-296.6
-33.05		642	0.3	-221.9	-250.8	163.5	-385.1
-33.53		641	-9.5	-221.9	-250.8	156.6	-388.0
-40.73		651	-9.5	-84.8	-250.8	206.4	-300.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.31		Cent	-49073.6	12359.4	5073.5	12775.6	-49489.8
86.24		652	-51618.1	8245.4	3949.3	8504.8	-51877.5
88.21		642	-41279.0	32076.7	2293.5	32148.3	-41350.6
84.88		641	-52278.3	7443.8	5393.4	7926.9	-52761.5
82.52		651	-51119.1	1671.9	7049.3	2597.0	-52044.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-1.8	30.2
652	-6.2	13.8
642	-6.2	46.5
641	2.6	46.5
651	2.6	13.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
80.27	perm	Cent	-1655.4	-90.1	276.4	-42.7	-1702.8
79.19		652	-1740.8	-346.6	276.4	-293.8	-1793.5
81.92		642	-1740.8	166.4	276.4	205.6	-1780.0
81.17		641	-1570.0	166.4	276.4	209.3	-1613.0
77.84		651	-1570.0	-346.6	276.4	-287.1	-1629.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.20	Cent	-481527.9	-65748.7	13113.4	-65335.6	-481941.1
-88.77	652	-444689.6	-131152.6	-6746.7	-131007.5	-444834.7
89.70	642	-529902.7	3040.0	2749.8	3054.2	-529916.9
86.37	641	-524191.1	-21646.5	32021.5	-19614.4	-526223.2
85.92	651	-427328.5	-113235.9	22525.0	-111628.7	-428935.6

NODE	Vxx	Vyy
Cent	126.2	11.8
652	124.5	-30.0
642	124.5	53.6
641	128.0	53.6
651	128.0	-30.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
68.33	INV TO~1 Max	Cent	-1620.0	194.6	856.0	534.7	-1821.2
64.25		652	-1701.1	-340.1	856.0	72.8	-1942.4
73.11		642	-1701.1	858.6	856.0	1118.4	-1848.5
72.23		641	-1538.1	858.6	856.0	1132.9	-1704.1
62.49		651	-1538.1	-340.1	856.0	105.6	-1811.7
-89.11	Min	Cent	-4492.2	-867.5	-56.5	-866.6	-4497.6
-89.09		652	-4711.5	-1152.0	-56.5	-1151.1	-4721.8
-89.20		642	-4711.5	-653.3	-56.5	-652.6	-4720.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.11	641	-4273.3	-653.3	-56.5	-652.5	-4274.2
-88.96	651	-4273.3	-1152.0	-56.5	-1150.9	-4275.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	-465607.6	-40551.5	43990.5	-36504.5	-469245.4	
84.74			652	-432324.2	-108566.2	3766.9	-108528.5	-432324.3
89.43			642	-506428.8	97809.0	18337.3	98329.5	-506878.3
88.37			641	-503623.5	8895.0	105504.3	27959.8	-522742.7
79.76			651	-416151.6	-105664.8	70453.7	-92422.8	-428662.7
79.36		Min	Cent	-1465224.7	-252112.2	1915.7	-252109.1	-1465264.6
89.91			652	-1345928.3	-457159.0	-38009.4	-455436.8	-1347219.7
-87.41			642	-1641526.2	-91356.7	-10914.0	-91277.7	-1641573.1
-89.59			641	-1607355.1	-115071.5	24368.2	-114659.3	-1607945.5
89.03			651	-1266469.0	-365279.1	11950.7	-365111.1	-1266868.7
89.19								

		NODE	Vxx	Vyy
	Max	Cent	431.8	110.0
		652	427.4	18.1
		642	427.4	222.9
		641	438.9	222.9
		651	438.9	18.1
	Min	Cent	108.7	-54.3
		652	101.3	-165.2
		642	101.3	26.3
		641	112.7	26.3
		651	112.7	-165.2

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	INV TO~2	Max	Cent	-1620.0	194.6	856.0	534.7	-1821.2
68.33			652	-1701.1	-340.1	856.0	72.8	-1942.4
64.25			642	-1701.1	858.6	856.0	1118.4	-1848.5
73.11			641	-1538.1	858.6	856.0	1132.9	-1704.1
72.23			651	-1538.1	-340.1	856.0	105.6	-1811.7
62.49		Min	Cent	-8048.6	-1077.5	-56.5	-976.4	-8149.7
83.18			652	-8458.8	-1948.9	-56.5	-1840.9	-8566.9
82.72			642	-8458.8	-653.3	-56.5	-652.6	-8544.6
-89.20			641	-7638.4	-653.3	-56.5	-652.5	-7733.4
-89.11			651	-7638.4	-1948.9	-56.5	-1825.9	-7761.4
81.72								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.74	Max	Cent	-465607.6	-40551.5	61909.9	-36504.5	-469245.4
89.43		652	-432324.2	-108566.2	3766.9	-108528.5	-432324.3
88.37		642	-506428.8	97809.0	18337.3	98329.5	-506878.3
79.76		641	-503623.5	8895.0	175124.2	27959.8	-522742.7
79.36		651	-416151.6	-105664.8	103853.9	-92422.8	-428662.7
88.36	Min	Cent	-2579064.8	-420809.4	1915.7	-419034.9	-2580839.3
-87.90		652	-2358099.4	-798279.8	-57341.7	-796174.6	-2360204.6
-89.59		642	-2896548.6	-91356.7	-10914.0	-91277.7	-2896617.2
86.26		641	-2837989.6	-167330.1	24368.2	-155895.5	-2849424.1
86.24		651	-2223621.7	-649999.2	11950.7	-643174.8	-2230446.1

		NODE	Vxx	Vyy
Max	Cent		775.3	110.0
		652	760.6	18.1
		642	760.6	231.0
		641	789.9	231.0
		651	789.9	18.1
Min	Cent		108.7	-54.3
		652	101.3	-251.7
		642	101.3	26.3
		641	112.7	26.3
		651	112.7	-251.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
662	1	4	c mob-a	Max	Cent	21.4	5.5	350.0	363.6	-336.7
44.35					662	24.9	11.0	350.0	368.1	-332.1
44.43					652	24.9	8.2	350.0	366.7	-333.6
44.32					651	17.9	8.2	350.0	363.1	-337.0
44.61					661	17.9	11.0	350.0	364.5	-335.6
44.72				Min	Cent	-1661.1	-286.5	-112.3	-277.4	-1670.2
-85.36					662	-1809.4	-137.0	-112.3	-129.5	-1816.9
-86.18					652	-1809.4	-451.6	-112.3	-442.4	-1818.7
-85.30					651	-1513.4	-451.6	-112.3	-439.9	-1525.2
-84.03					661	-1513.4	-137.0	-112.3	-127.9	-1522.5
-85.37										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	8659.3	6956.8	39746.3	47563.5	-31947.4

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44.39							
		662	22840.5	26210.4	58165.3	82715.1	-33664.2
45.83							
		652	10181.4	10651.2	34923.1	45340.2	-24507.6
45.19							
		651	10403.4	4734.9	24701.5	32432.7	-17294.4
41.73							
		661	6113.0	19596.3	46237.0	59580.5	-33871.3
49.15							
	Min	Cent	-283385.1	-118509.8	-6691.3	-118238.6	-283656.2
-87.68							
		662	-52463.6	-39363.9	-5749.2	-37198.5	-54628.9
-69.36							
		652	-515121.6	-218736.0	-9275.1	-218446.1	-515411.5
-88.21							
		651	-529032.2	-175760.2	-9019.0	-175530.1	-529262.3
-88.54							
		661	-81456.0	-57208.6	-4648.2	-56348.1	-82316.5
-79.51							

		NODE	Vxx	Vyy
	Max	Cent	459.5	17.2
		662	476.1	24.5
		652	476.1	25.3
		651	442.8	25.3
		661	442.8	24.5
	Min	Cent	-8.7	-41.5
		662	-9.8	-0.2
		652	-9.8	-100.2
		651	-8.1	-100.2
		661	-8.1	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	18.7	5.8	458.4	470.7	-446.2
44.60			662	21.8	10.8	458.4	474.7	-442.1
44.66			652	21.8	16.0	458.4	477.3	-439.5
44.82			651	15.9	16.0	458.4	474.3	-442.4
45.00			661	15.9	10.8	458.4	471.7	-445.0
44.84		Min	Cent	-1614.0	-273.0	-99.0	-265.7	-1621.3
-85.80			662	-1765.8	-134.4	-99.0	-128.4	-1771.8
-86.54			652	-1765.8	-425.9	-99.0	-418.6	-1773.1
-85.80			651	-1462.8	-425.9	-99.0	-416.5	-1472.2
-84.60			661	-1462.8	-134.4	-99.0	-127.1	-1470.2
-85.76								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	6695.4	6943.0	39605.2	46424.6	-32786.2
45.09			662	15901.2	28117.4	56707.4	79044.7	-35026.1
48.07			652	8252.4	7141.0	35019.1	42720.2	-27326.8
44.55								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

40.74		651	8734.5	1396.7	24462.8	29802.0	-19670.8
50.74		661	3837.4	22281.4	45377.8	59364.8	-33246.0
-88.16	Min	Cent	-275649.8	-106728.8	-5427.1	-106554.7	-275823.9
-76.53		662	-52106.7	-32127.2	-5075.9	-30911.6	-53322.3
-88.59		652	-496676.8	-200197.2	-7296.4	-200017.7	-496856.2
-88.89		651	-511032.4	-162822.1	-6765.2	-162690.7	-511163.8
-83.11		661	-80562.7	-48002.2	-3992.9	-47519.7	-81045.2

	NODE	Vxx	Vyy
Max	Cent	439.0	16.2
	662	453.2	22.0
	652	453.2	25.1
	651	424.8	25.1
	661	424.8	22.0
Min	Cent	-4.6	-36.1
	662	-4.1	-0.1
	652	-4.1	-88.4
	651	-5.2	-88.4
	661	-5.2	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
82.57	pp	Cent	-4642.2	-776.1	513.0	-709.2	-4709.2
83.91		662	-5126.3	-372.5	513.0	-317.7	-5181.0
82.71		652	-5126.3	-1179.7	513.0	-1114.1	-5191.9
80.50		651	-4158.2	-1179.7	513.0	-1093.8	-4244.1
82.42		661	-4158.2	-372.5	513.0	-304.2	-4226.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.24	Cent	-794641.9	-272969.4	102816.7	-253436.6	-814174.8
48.15	662	-66383.5	-30139.1	164011.5	116748.4	-213271.0
84.81	652	-1428088.9	-527588.1	82413.7	-520107.7	-1435569.2
87.33	651	-1477486.4	-447552.7	48106.3	-445310.6	-1479728.5
57.41	661	-206608.9	-86597.8	129704.1	-3691.4	-289515.3

	NODE	Vxx	Vyy
	Cent	1265.9	-63.8
	662	1298.6	58.9
	652	1298.6	-186.4
	651	1233.2	-186.4
	661	1233.2	58.9

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE							
-39.75	vento -y	Cent	33.7	-15.7	-133.4	144.7	-126.7
-38.17		662	66.3	1.4	-133.4	171.2	-103.5
-34.82		652	66.3	-32.8	-133.4	159.1	-125.6
-41.37		651	1.2	-32.8	-133.4	118.7	-150.3
-45.03		661	1.2	1.4	-133.4	134.7	-132.2

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.51		Cent	104.1	4131.3	318.4	4156.3	79.1
-87.37		662	-1526.8	3739.3	-242.2	3750.4	-1537.9
80.35		652	632.1	4942.5	754.5	5070.7	503.9
73.72		651	1495.2	4139.3	844.5	4386.0	1248.5
-87.76		661	-183.9	3703.9	-152.1	3709.8	-189.9

NODE	Vxx	Vyy
Cent	-1.8	1.3
662	-2.0	0.6
652	-2.0	2.0
651	-1.6	2.0
661	-1.6	0.6

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-44.72	cedime~1	Cent	-52.1	-58.0	-307.3	252.3	-362.4
-44.01		662	-0.6	-21.8	-307.3	296.3	-318.7
-40.67		652	-0.6	-94.3	-307.3	263.4	-358.3
-45.43		651	-103.5	-94.3	-307.3	208.5	-406.3
-48.79		661	-103.5	-21.8	-307.3	247.4	-372.7

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.76		Cent	-29297.7	9557.3	5747.0	10389.5	-30129.9
81.49		662	-17037.5	12693.3	4552.3	13374.7	-17718.9
83.05		652	-43275.0	9914.0	6580.8	10716.1	-44077.1
82.36		651	-44675.6	2960.6	6504.5	3832.8	-45547.8
80.10		661	-12202.7	12661.2	4476.0	13442.4	-12983.9

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      28.9      8.0
          662      26.4      2.1
          652      26.4     13.8
          651      31.4     13.8
          661      31.4      2.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.87	perm	Cent	-1250.7	-183.8	263.2	-122.4	-1312.1
79.04		662	-1409.5	-102.0	263.2	-51.0	-1460.5
77.64		652	-1409.5	-265.7	263.2	-208.0	-1467.2
73.75		651	-1091.8	-265.7	263.2	-188.9	-1168.5
76.00		661	-1091.8	-102.0	263.2	-36.4	-1157.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.35	Cent	-211946.7	-56232.7	30350.0	-50526.3	-217653.0
56.29	662	-32835.5	4233.1	44556.3	33956.3	-62558.7
84.21	652	-368687.8	-115952.2	25896.3	-113326.1	-371314.0
86.50	651	-384072.4	-104584.7	17151.5	-103536.0	-385121.0
63.40	661	-62191.1	-8626.8	35811.5	9309.6	-80127.5

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          NODE      Vxx      Vyy
          Cent      316.1     -7.7
          662      320.8     14.5
          652      320.8    -30.0
          651      311.4    -30.0
          661      311.4     14.5
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
60.33	INV TO~1 Max	Cent	-1221.8	-176.0	882.0	326.4	-1528.9
63.08		662	-1375.8	-87.1	882.0	360.8	-1598.2
61.34		652	-1375.8	-244.1	882.0	238.0	-1631.8
57.51		651	-1067.7	-244.1	882.0	317.5	-1464.4
59.53		661	-1067.7	-87.1	882.0	431.7	-1422.6
-86.18	Min	Cent	-3545.2	-628.7	-195.8	-615.6	-3558.3
-86.85		662	-3852.9	-308.8	-195.8	-298.0	-3863.6
-86.13		652	-3852.9	-969.6	-195.8	-956.4	-3866.1
-85.10		651	-3238.4	-969.6	-195.8	-952.9	-3255.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
Max Cent -200256.6 -37283.7 138802.6 -1897.6 -237308.8
68.48
662 -2000.8 54884.9 221415.6 157610.3 -104951.7
48.15
652 -354942.9 -91659.1 111258.4 -72152.2 -374556.4
76.26
651 -370027.8 -95231.9 64943.5 -85365.6 -379105.7
80.18
661 -53938.6 34114.3 175100.6 98273.9 -121458.7
58.01
Min Cent -1072766.6 -368508.7 21316.7 -342139.4 -1099135.9
79.24
662 -120698.8 -48908.1 36794.8 -30422.6 -287915.8
63.33
652 -1927920.0 -712243.9 13374.9 -702145.4 -1938018.5
84.81
651 -1994606.6 -604196.2 4975.8 -601169.4 -1997633.4
87.33
661 -278922.0 -116907.0 29536.5 -76717.5 -390845.7
72.80

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NODE Vxx Vyy
Max Cent 1709.0 23.4
662 1753.1 79.5
652 1753.1 18.1
651 1664.8 18.1
661 1664.8 79.5
Min Cent 304.3 -86.1
662 307.6 14.2
652 307.6 -251.7
651 300.5 -251.7
661 300.5 14.2

```

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ELEM MAT SEC LC NODE Fxx Fyy Fxy Fmax Fmin
ANGLE
-----
669 1 4 c mob-a Max Cent 29.8 35.3 168.2 200.8 -135.6
45.47
653 32.6 5.8 168.2 187.9 -149.5
42.72
643 32.6 77.7 168.2 224.9 -114.5
48.82
642 27.2 77.7 168.2 222.5 -117.6
49.27
652 27.2 5.8 168.2 185.0 -152.0
43.18
Min Cent -2602.1 -547.4 -191.0 -529.8 -2619.7
-84.73
653 -2975.9 -299.4 -191.0 -285.9 -2989.5
-85.94
643 -2975.9 -799.6 -191.0 -783.0 -2992.6
-85.02
642 -2228.5 -799.6 -191.0 -774.5 -2253.6
-82.52
652 -2228.5 -299.4 -191.0 -280.7 -2247.3
-84.40

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ANGLE
NODE Mxx Myy Mxy Mmax Mmin
Max Cent 13931.4 16664.8 4574.7 20072.6 10523.6
53.32
653 109645.2 18373.6 2311.7 109703.7 18315.1

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.45			643	43018.0	43837.3	1841.8	45314.4	41540.9
51.27			642	16312.5	121617.8	4243.9	121788.6	16141.8
87.70			652	9685.9	14067.9	4722.8	17083.2	6670.6
57.44								
-73.35	Min	Cent		-765856.9	-401943.9	-119509.2	-366206.5	-801594.2
-46.03			653	-44220.1	-40958.6	-45308.5	2748.5	-87927.2
-84.63			643	-1722085.5	-1290400.4	-40946.2	-1286550.9	-1725935.0
-82.69			642	-759531.9	-2413.8	-98690.1	10238.9	-772184.7
-71.08			652	-660115.1	-394917.2	-103019.0	-359601.3	-695431.0

	NODE	Vxx	Vyy
Max	Cent	972.6	20.8
	653	1721.6	297.6
	643	1721.6	49.0
	642	224.4	49.0
	652	224.4	297.6
Min	Cent	-32.1	-698.2
	653	-52.9	-7.5
	643	-52.9	-1694.0
	642	-12.6	-1694.0
	652	-12.6	-7.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
46.61	c mob-b	Max	Cent	26.0	51.1	223.7	262.6	-185.5
43.52			653	29.1	5.9	223.7	241.5	-206.5
50.13			643	29.1	110.0	223.7	296.8	-157.8
50.51			642	23.0	110.0	223.7	294.4	-161.4
43.91			652	23.0	5.9	223.7	238.3	-209.4
-85.00		Min	Cent	-2553.6	-501.6	-180.9	-485.8	-2569.5
-86.10			653	-2923.6	-284.5	-180.9	-272.1	-2936.0
-85.33			643	-2923.6	-723.4	-180.9	-708.6	-2938.4
-83.04			642	-2183.5	-723.4	-180.9	-701.3	-2205.6
-84.61			652	-2183.5	-284.5	-180.9	-267.4	-2200.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
76.63	Max	Cent	6536.2	9467.7	738.7	9643.3	6360.6	
0.36			653	91669.8	19724.8	453.2	91672.6	19722.0
89.12			643	15719.9	23229.8	116.0	23231.5	15718.1
89.67			642	7470.4	119613.9	645.6	119617.6	7466.7

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.31		652	6433.6	6910.1	1271.6	7965.6	5378.1
-74.02	Min	Cent	-730526.9	-371976.9	-111859.5	-339941.5	-762562.3
-48.70		653	-45288.4	-34635.1	-41058.9	1441.2	-81364.7
-84.90		643	-1626051.5	-1204849.6	-37885.1	-1201469.2	-1629432.0
-82.82		642	-722921.9	-1685.6	-92388.3	9961.0	-734568.5
-72.21		652	-634208.8	-366325.2	-95799.0	-335592.0	-664941.9

	NODE	Vxx	Vyy
Max	Cent	909.3	11.2
	653	1613.3	278.7
	643	1613.3	24.5
	642	206.5	24.5
	652	206.5	278.7
Min	Cent	-14.8	-655.9
	653	-23.7	-2.4
	643	-23.7	-1590.5
	642	-8.4	-1590.5
	652	-8.4	-2.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.87	pp	Cent	-7484.0	-1287.1	-122.3	-1284.7	-7486.4
-89.10		653	-8604.5	-795.5	-122.3	-793.6	-8606.4
-88.97		643	-8604.5	-1778.7	-122.3	-1776.5	-8606.7
-88.47		642	-6363.6	-1778.7	-122.3	-1775.4	-6366.8
-88.74		652	-6363.6	-795.5	-122.3	-792.8	-6366.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-74.34	Cent	-2086412.8	-1016377.6	-325610.9	-925083.5	-2177706.8
-24.64	653	151668.3	-50356.7	-117379.7	205515.4	-104203.8
-84.70	643	-4602565.9	-3361632.5	-116211.9	-3350843.2	-4613355.1
-83.64	642	-2064383.2	355946.5	-273063.2	386371.3	-2094808.0
-73.13	652	-1830370.2	-1009467.8	-274231.0	-926286.8	-1913551.3

	NODE	Vxx	Vyy
	Cent	2555.0	-1852.2
	653	4546.6	787.4
	643	4546.6	-4491.9
	642	563.4	-4491.9
	652	563.4	787.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-22.98      vento -y      Cent      127.5      -28.1      -80.5      161.7      -62.2
-21.03      653      156.9      -21.4      -80.5      187.9      -52.3
-20.00      643      156.9      -34.8      -80.5      186.2      -64.1
-25.22      642      98.2      -34.8      -80.5      136.1      -72.7
-26.70      652      98.2      -21.4      -80.5      138.6      -61.8
  
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ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----
73.68      Cent      2628.2      8666.2      1933.3      9232.2      2062.2
87.67      653      -7447.5      3187.4      434.3      3205.1      -7465.2
82.30      643      12832.3      19841.2      964.8      19971.6      12701.9
46.04      642      3884.0      4056.3      2378.5      6350.2      1590.2
74.87      652      1244.1      7580.0      1848.0      8079.6      744.5
  
```

NODE	Vxx	Vyy
Cent	-11.3	7.9
653	-18.8	-3.7
643	-18.8	19.6
642	-3.7	19.6
652	-3.7	-3.7

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-----
-38.38      cedime~1      Cent      46.4      -57.9      -221.7      222.0      -233.5
-36.44      653      73.4      -63.3      -221.7      237.0      -226.9
-37.07      643      73.4      -52.5      -221.7      240.8      -220.0
-40.39      642      19.4      -52.5      -221.7      208.0      -241.1
-39.72      652      19.4      -63.3      -221.7      203.6      -247.4
  
```

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

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-----
-86.99      Cent      -48213.9      11766.3      -3159.7      11932.3      -48379.8
-85.73      653      -37725.2      11024.9      -3663.8      11298.7      -37999.0
-86.94      643      -60066.9      6549.5      -3573.1      6740.6      -60258.0
-89.09      642      -43041.9      23262.2      -1053.7      23279.0      -43058.6
-88.87      652      -52021.4      6228.8      -1144.4      6251.2      -52043.9
  
```

NODE	Vxx	Vyy
Cent	8.8	-8.0

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653      23.8      2.7
643      23.8     -18.6
642      -6.2     -18.6
652      -6.2      2.7
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.86	perm	Cent	-2094.3	-262.6	36.3	-261.9	-2095.0
89.07		653	-2413.4	-186.7	36.3	-186.1	-2414.0
89.00		643	-2413.4	-338.4	36.3	-337.8	-2414.0
88.55		642	-1775.2	-338.4	36.3	-337.5	-1776.2
88.69		652	-1775.2	-186.7	36.3	-185.9	-1776.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-76.02	Cent	-519460.5	-232430.7	-76178.5	-213465.8	-538425.5
-37.82	653	9644.9	-3680.1	-26032.2	29853.6	-23888.8
-85.17	643	-1110538.5	-786148.5	-27617.4	-783814.1	-1112873.0
-83.99	642	-511843.3	93336.9	-64425.6	100119.4	-518625.9
-75.77	652	-465105.3	-233231.1	-62840.3	-217295.9	-481040.5

NODE	Vxx	Vyy
Cent	597.6	-437.4
653	1070.8	188.4
643	1070.8	-1063.2
642	124.5	-1063.2
652	124.5	188.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
80.01	INV TO~1 Max	Cent	-2007.7	-193.6	338.3	-134.0	-2015.4
81.42		653	-2296.0	-178.7	338.3	-127.7	-2302.6
81.38		643	-2296.0	-189.9	338.3	-138.6	-2302.6
78.20		642	-1719.1	-189.9	338.3	-119.2	-1728.2
78.27		652	-1719.1	-178.7	338.3	-108.5	-1728.2
-84.43	Min	Cent	-5607.2	-1059.4	-443.2	-1016.2	-5617.8
-85.58		653	-6430.9	-654.3	-443.2	-620.0	-6439.3
-84.86		643	-6430.9	-1470.5	-443.2	-1430.6	-6440.7
-82.47		642	-4783.8	-1470.5	-443.2	-1411.9	-4822.9
-83.91		652	-4783.8	-654.3	-443.2	-607.0	-4811.6

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	-500653.2	-198166.9	-70002.7	-183516.0	-516631.0
-78.68			653	157666.0	33973.2	-22911.3	161455.8	26421.5
-9.39			643	-1052464.2	-720418.7	-25131.0	-718328.6	-1054393.1
-85.84			642	-489821.4	280783.2	-58696.4	285147.5	-494403.3
-85.82			652	-452029.3	-208010.6	-56464.5	-197195.2	-464756.0
-79.37		Min	Cent	-1601581.2	-775054.9	-240675.6	-708298.5	-1665765.4
-74.30			653	-89219.6	-58974.3	-90862.4	24591.6	-161760.6
-51.40			643	-3495420.9	-2528189.0	-86467.9	-2520676.5	-3503039.3
-84.82			642	-1580253.2	90078.2	-198711.0	113742.3	-1603255.8
-83.17			652	-1408282.1	-766369.3	-203060.3	-703875.4	-1466644.8
-72.80								

	NODE	Vxx	Vyy
Max	Cent	1919.5	-409.3
	653	3418.7	592.8
	643	3418.7	-997.0
	642	427.4	-997.0
	652	427.4	592.8
Min	Cent	554.3	-1388.0
	653	999.4	178.2
	643	999.4	-3368.6
	642	101.3	-3368.6
	652	101.3	178.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		Max	Cent	-2007.7	-193.6	338.3	-134.0	-2015.4
80.01	INV TO~2		653	-2296.0	-178.7	338.3	-127.7	-2302.6
81.42			643	-2296.0	-189.9	338.3	-138.6	-2302.6
81.38			642	-1719.1	-189.9	338.3	-119.2	-1728.2
78.20			652	-1719.1	-178.7	338.3	-108.5	-1728.2
78.27		Min	Cent	-10103.4	-1737.6	-443.2	-1734.3	-10106.7
-88.87			653	-11616.0	-1073.9	-443.2	-1071.4	-11618.6
-89.10			643	-11616.0	-2401.3	-443.2	-2398.3	-11619.0
-88.97			642	-8590.8	-2401.3	-443.2	-2396.8	-8595.2
-88.47			652	-8590.8	-1073.9	-443.2	-1070.3	-8594.4
-88.74								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-78.68	Max	Cent	-500653.2	-198166.9	-70002.7	-183516.0	-516631.0
-24.64		653	204752.2	33973.2	-22911.3	277445.8	26421.5
-85.84		643	-1052464.2	-720418.7	-25131.0	-718328.6	-1054393.1
-83.64		642	-489821.4	480527.8	-58696.4	521601.2	-494403.3
-79.37		652	-452029.3	-208010.6	-56464.5	-197195.2	-464756.0
-74.34	Min	Cent	-2816657.2	-1372109.8	-439574.8	-1248862.8	-2939904.2
-51.40		653	-89219.6	-67981.6	-158462.5	24591.6	-161760.6
-84.70		643	-6213463.9	-4538203.9	-156886.1	-4523638.3	-6228029.5
-83.17		642	-2786917.4	90078.2	-368635.4	113742.3	-2827990.7
-73.13		652	-2470999.8	-1362781.6	-370211.8	-1250487.1	-2583294.2

	NODE	Vxx	Vyy
Max	Cent	3449.3	-409.3
	653	6138.0	1063.0
	643	6138.0	-997.0
	642	760.6	-997.0
	652	760.6	1063.0
Min	Cent	554.3	-2500.5
	653	999.4	178.2
	643	999.4	-6064.1
	642	101.3	-6064.1
	652	101.3	178.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
670	1	4	c mob-a	Max	Cent	38.9	7.0	200.4	223.9	-178.1
42.73					663	53.1	11.1	200.4	233.5	-169.4
42.01					653	53.1	25.6	200.4	240.2	-161.5
43.04					652	25.7	25.6	200.4	226.0	-174.7
45.00					662	25.7	11.1	200.4	218.9	-182.1
43.96				Min	Cent	-2040.8	-156.6	-376.0	-84.4	-2113.1
-79.12					663	-2298.0	-144.6	-376.0	-80.8	-2361.7
-80.37					653	-2298.0	-196.8	-376.0	-131.5	-2363.2
-80.15					652	-1783.8	-196.8	-376.0	-112.2	-1868.4
-77.32					662	-1783.8	-144.6	-376.0	-62.5	-1866.0
-77.68										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	13307.0	8884.3	107956.1	119074.4	-96883.1
44.41					663	24019.1	22016.1	139432.7	162453.9	-116418.8
44.79					653	12885.7	10125.9	103885.8	115400.8	-92389.2

PROJECT TITLE :

	Company		Client	
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44.62								
		652	10246.3	13855.0	60482.5	72560.1	-48458.8	
45.85								
		662	21876.4	26635.1	95836.4	120121.7	-71610.2	
45.71								
	Min	Cent	-240132.1	-133183.3	-7157.6	-132706.4	-240609.0	
-86.19								
		663	-94383.6	-24405.8	-6888.8	-23734.1	-95055.3	
-84.43								
		653	-310240.9	-113636.6	-7678.9	-113337.1	-310540.4	
-87.77								
		652	-545743.6	-371996.1	-7595.4	-371664.7	-546075.0	
-87.50								
		662	-52474.4	-42726.7	-6319.7	-39619.8	-55581.3	
-63.82								

		NODE	Vxx	Vyy
Max	Cent		351.0	167.4
		663	225.9	43.6
		653	225.9	297.6
		652	476.1	297.6
		662	476.1	43.6
Min	Cent		-6.9	-4.3
		663	-4.2	-2.9
		653	-4.2	-7.5
		652	-9.8	-7.5
		662	-9.8	-2.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	32.5	6.8	289.1	309.0	-269.7
43.73								
			663	42.9	10.6	289.1	316.3	-262.7
43.40								
			653	42.9	37.2	289.1	329.1	-249.0
44.71								
			652	22.2	37.2	289.1	318.9	-259.4
45.74								
			662	22.2	10.6	289.1	305.6	-272.7
44.42								
		Min	Cent	-1998.8	-150.5	-355.6	-84.5	-2064.9
-79.48								
			663	-2257.3	-144.6	-355.6	-86.4	-2315.5
-80.70								
			653	-2257.3	-184.6	-355.6	-125.3	-2316.6
-80.53								
			652	-1741.7	-184.6	-355.6	-107.2	-1819.0
-77.73								
			662	-1741.7	-144.6	-355.6	-69.0	-1817.2
-78.00								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	9967.5	7122.2	103723.0	112277.6	-95187.9
44.61								
			663	17063.2	23454.3	133406.0	153703.0	-113185.5
45.69								
			653	10136.9	9528.6	99476.3	109309.5	-89644.0
44.91								
			652	8189.3	6814.8	58773.8	66279.8	-51275.8
44.67								
			662	15194.2	28855.2	92576.4	114852.7	-70803.4
47.11								

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-86.78	Min	Cent	-234269.9	-120622.2	-6423.7	-120260.2	-234631.9
-85.15		663	-95039.1	-19696.2	-6437.5	-19150.1	-95585.1
-88.04		653	-301958.1	-102503.3	-6838.1	-102269.2	-302192.2
-88.01		652	-525646.2	-344609.0	-6299.8	-344390.0	-525865.1
-72.53		662	-52076.6	-35658.7	-5736.9	-33852.7	-53882.6

	NODE	Vxx	Vyy
Max	Cent	334.2	155.3
	663	215.2	35.8
	653	215.2	278.7
	652	453.2	278.7
	662	453.2	35.8
Min	Cent	-2.2	-1.6
	663	-0.7	-4.1
	653	-0.7	-2.4
	652	-4.1	-2.4
	662	-4.1	-4.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-84.29	pp	Cent	-5836.5	-428.2	-546.4	-373.5	-5891.1
-85.02		663	-6616.2	-390.3	-546.4	-342.7	-6663.8
-84.96		653	-6616.2	-466.0	-546.4	-417.8	-6664.4
-83.30		652	-5056.7	-466.0	-546.4	-401.9	-5120.8
-83.41		662	-5056.7	-390.3	-546.4	-327.2	-5119.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
60.55	Cent	-665741.2	-309712.9	295170.2	-143032.3	-832421.8
52.81	663	-217610.1	-5328.5	379579.2	282670.5	-505609.2
68.77	653	-866521.9	-253994.7	280211.7	-145148.7	-975367.9
74.76	652	-1511718.8	-945737.6	166577.2	-900350.8	-1557105.5
46.79	662	-67113.9	-33790.8	265944.7	216013.8	-316918.4

	NODE	Vxx	Vyy
	Cent	957.5	434.7
	663	616.4	81.9
	653	616.4	787.4
	652	1298.6	787.4
	662	1298.6	81.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	89.4	-13.6	-115.2	164.1	-88.3

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-32.96							
	663	112.2	1.8	-115.2	184.7	-70.8	
-32.20							
	653	112.2	-29.0	-115.2	176.7	-93.5	
-29.25							
	652	66.7	-29.0	-115.2	143.6	-105.9	
-33.73							
	662	66.7	1.8	-115.2	153.9	-85.5	
-37.14							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-707.4	4830.5	-682.6	4913.4	-790.3
-83.08						
	663	-851.0	3656.0	-1104.1	3912.0	-1107.0
-76.95						
	653	-1609.7	4355.0	-698.4	4435.6	-1690.4
-83.41						
	652	1156.1	7562.4	-66.1	7563.0	1155.4
-89.41						
	662	-1524.9	3748.6	-471.8	3790.4	-1566.8
-84.93						

NODE	Vxx	Vyy
Cent	-0.5	-2.0
663	0.9	-0.3
653	0.9	-3.7
652	-2.0	-3.7
662	-2.0	-0.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	cedime~1	Cent	17.3	-40.3	-300.2	290.1	-313.0
-42.26							
		663	31.7	-11.5	-300.2	311.1	-290.8
-42.94							
		653	31.7	-69.1	-300.2	285.7	-323.0
-40.23							
		652	2.9	-69.1	-300.2	269.2	-335.4
-41.58							
		662	2.9	-11.5	-300.2	296.0	-304.5
-44.31							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

		Cent	-28767.1	10642.8	4576.2	11167.2	-29291.5
83.46							
		663	-17736.3	10549.8	4860.1	11361.6	-18548.0
80.52							
		653	-36654.9	11238.9	3135.7	11443.4	-36859.3
86.27							
		652	-43678.3	7897.4	3874.2	8186.8	-43967.7
85.73							
		662	-16999.1	12885.0	5598.5	13899.4	-18013.5
79.73							

NODE	Vxx	Vyy
Cent	23.0	-0.2
663	19.6	-3.1
653	19.6	2.7

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652 26.4 2.7
662 26.4 -3.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.93	perm	Cent	-1621.8	-103.7	-28.4	-103.2	-1622.3
-89.06		663	-1850.1	-115.2	-28.4	-114.7	-1850.6
-89.08		653	-1850.1	-92.2	-28.4	-91.8	-1850.6
-88.75		652	-1393.5	-92.2	-28.4	-91.6	-1394.1
-88.73		662	-1393.5	-115.2	-28.4	-114.6	-1394.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.63		Cent	-180507.7	-64792.7	76059.6	-27085.8	-218214.6
55.91		663	-70308.6	7061.3	96642.8	72474.2	-135721.5
70.59		653	-229602.2	-51529.5	71660.0	-26274.0	-254857.7
76.24		652	-389103.5	-218030.8	44569.2	-207115.7	-400018.6
52.32		662	-33016.4	3328.3	69552.0	57042.8	-86730.9

	NODE	Vxx	Vyy
	Cent	236.3	102.0
	663	151.8	15.7
	653	151.8	188.4
	652	320.8	188.4
	662	320.8	15.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.93	INV TO~1	Max	Cent	-1552.0	-94.2	361.9	-10.3	-1554.7
78.34			663	-1746.7	-100.2	361.9	-25.5	-1749.0
78.69			653	-1746.7	-42.0	361.9	30.4	-1749.0
75.60			652	-1355.9	-42.0	361.9	50.9	-1359.0
75.05			662	-1355.9	-100.2	361.9	-3.6	-1359.0
-82.61		Min	Cent	-4376.9	-355.5	-836.1	-245.6	-4527.1
-83.50			663	-4952.3	-321.9	-836.1	-249.3	-5067.9
-83.43			653	-4952.3	-427.0	-836.1	-296.2	-5071.1
-81.36			652	-3801.6	-427.0	-836.1	-276.4	-3994.7
-81.47			662	-3801.6	-321.9	-836.1	-230.0	-3989.3

NODE Mxx Myy Mxy Mmax Mmin

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Max	Cent	-162543.2	-42156.1	226376.5	121611.2	-336158.1
54.12		663	-37882.9	49274.3	289737.1	291273.3	-235079.2
50.13		653	-212206.4	-26620.6	215041.6	104314.0	-354169.0
58.66		652	-375271.1	-191429.1	130094.8	-132371.3	-441151.8
65.58		662	-3483.3	55167.8	204529.6	225340.5	-144954.2
50.24	Min	Cent	-533453.2	-244590.1	66396.9	-228620.9	-549420.2
76.48		663	-216347.6	-25886.5	87343.0	10581.3	-297618.1
67.34		653	-685082.2	-204938.9	61293.5	-196623.6	-693389.7
82.27		652	-1169535.7	-720225.4	34315.5	-717342.9	-1172703.7
85.20		662	-120855.9	-54352.8	61020.4	-13255.4	-190655.2
56.04							

		NODE	Vxx	Vyy

Max	Cent		733.2	328.0
	663		476.4	74.5
	653		476.4	592.8
	652		990.0	592.8
	662		990.0	74.5
Min	Cent		227.0	96.0
	663		146.1	7.1
	653		146.1	178.2
	652		307.6	178.2
	662		307.6	7.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-1552.0	-94.2	361.9	-10.3	-1554.7
76.93			663	-1746.7	-100.2	361.9	-25.5	-1749.0
78.34			653	-1746.7	-42.0	361.9	30.4	-1749.0
78.69			652	-1355.9	-42.0	361.9	50.9	-1359.0
75.60			662	-1355.9	-100.2	361.9	-3.6	-1359.0
75.05		Min	Cent	-7879.2	-578.0	-836.1	-504.2	-7953.0
-84.29			663	-8931.9	-527.0	-836.1	-462.7	-8996.2
-85.02			653	-8931.9	-629.1	-836.1	-564.1	-8997.0
-84.96			652	-6826.5	-629.1	-836.1	-542.5	-6913.1
-83.30			662	-6826.5	-527.0	-836.1	-441.7	-6911.8
-83.41								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-162543.2	-42156.1	398479.7	121611.2	-336158.1
54.12							

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52.81		663	-37882.9	49274.3	512431.9	381605.2	-235079.2
58.66		653	-212206.4	-26620.6	378285.8	104314.0	-354169.0
65.58		652	-375271.1	-191429.1	224879.3	-132371.3	-441151.8
46.79		662	-3483.3	55167.8	359025.4	291618.7	-144954.2
76.48	Min	Cent	-898750.6	-418112.4	66396.9	-228620.9	-1123769.4
67.34		663	-293773.7	-25886.5	87343.0	10581.3	-682572.4
82.27		653	-1169804.5	-342892.9	61293.5	-196623.6	-1316746.6
74.76		652	-2040820.4	-1276745.7	34315.5	-1215473.6	-2102092.4
56.04		662	-120855.9	-54352.8	61020.4	-13255.4	-427839.9

	NODE	Vxx	Vyy
Max	Cent	1292.6	586.8
	663	832.2	110.6
	653	832.2	1063.0
	652	1753.1	1063.0
	662	1753.1	110.6
Min	Cent	227.0	96.0
	663	146.1	7.1
	653	146.1	178.2
	652	307.6	178.2
	662	307.6	7.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
677	1	4	c mob-a	Max	Cent	24.7	9.0	66.5	83.8	-50.1
41.63					654	30.7	3.9	66.5	85.1	-50.5
39.31					644	30.7	19.3	66.5	91.7	-41.8
42.55					643	33.5	19.3	66.5	93.3	-40.5
41.94					653	33.5	3.9	66.5	86.8	-49.4
38.72				Min	Cent	-3554.9	-368.6	-474.6	-299.4	-3624.1
-81.71					654	-4167.1	-135.6	-474.6	-80.5	-4222.2
-83.38					644	-4167.1	-602.1	-474.6	-540.0	-4229.2
-82.55					643	-2943.9	-602.1	-474.6	-509.6	-3036.4
-78.97					653	-2943.9	-135.6	-474.6	-57.6	-3021.9
-80.66										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	14607.8	12955.0	208215.2	221998.3	-194435.5
44.89					654	15051.0	8583.4	145253.1	157106.3	-133471.9
44.36					644	14104.0	199369.1	208692.8	335064.0	-121591.0
56.97					643	43347.9	45351.4	157083.9	201436.7	-112737.4

PROJECT TITLE :

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45.18								
		653	103448.6	5442.5	93748.0	160228.3	-51337.2	
31.20								
	Min	Cent	-793729.6	-333833.7	-7231.1	-333720.0	-793843.3	
-89.10								
		654	-675243.8	-128415.9	-5219.0	-128366.1	-675293.6	
-89.45								
		644	-840221.2	-5550.4	-7022.8	-5491.3	-840280.3	
-89.52								
		643	-1727094.0	-1315306.6	-5403.5	-1315235.7	-1727164.9	
-89.25								
		653	-50153.1	-92025.9	-4116.1	-49752.4	-92426.7	
-5.56								

	NODE	Vxx	Vyy
Max	Cent	989.2	1639.6
	654	257.5	253.9
	644	257.5	3025.5
	643	1721.6	3025.5
	653	1721.6	253.9
Min	Cent	-28.6	-54.0
	654	-10.2	-6.8
	644	-10.2	-101.4
	643	-52.9	-101.4
	653	-52.9	-6.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	19.9	3.3	88.1	100.1	-76.9
42.30			654	14.4	3.7	88.1	97.3	-79.3
43.26			644	14.4	9.6	88.1	100.2	-76.2
44.22			643	29.2	9.6	88.1	108.1	-69.3
41.82			653	29.2	3.7	88.1	105.5	-72.6
40.87		Min	Cent	-3493.7	-345.5	-454.9	-281.1	-3558.1
-81.94			654	-4090.6	-130.4	-454.9	-78.8	-4142.2
-83.53			644	-4090.6	-561.2	-454.9	-503.5	-4148.3
-82.77			643	-2897.3	-561.2	-454.9	-475.7	-2982.7
-79.36			653	-2897.3	-130.4	-454.9	-57.5	-2970.2
-80.90								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	6437.3	6895.5	194570.9	201237.4	-187904.7	
45.03			654	11987.7	7211.6	135764.1	145384.8	-126185.4
44.50			644	4327.9	185924.8	195281.6	310484.9	-120232.1
57.47			643	15800.8	22604.4	146785.8	166027.8	-127622.6
45.66			653	85924.0	3693.0	87352.9	141353.9	-51736.9
32.40		Min	Cent	-756612.9	-310898.4	-5607.5	-310827.9	-756683.5
-89.28								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.51	654	-643672.8	-117712.2	-4453.2	-117674.5	-643710.5
-89.64	644	-802533.6	-3518.2	-5029.4	-3486.5	-802565.3
-89.33	643	-1630854.5	-1228758.1	-4698.8	-1228703.2	-1630909.4
-7.41	653	-51959.9	-84195.4	-4267.3	-51404.6	-84750.8

	NODE	Vxx	Vyy
Max	Cent	928.9	1531.8
	654	245.3	238.0
	644	245.3	2825.6
	643	1613.3	2825.6
	653	1613.3	238.0
Min	Cent	-8.9	-26.3
	654	-6.9	-3.2
	644	-6.9	-50.8
	643	-23.7	-50.8
	653	-23.7	-3.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.32	pp	Cent	-10317.2	-968.1	-1110.5	-838.0	-10447.3
-84.63		654	-12093.8	-382.9	-1110.5	-278.5	-12198.2
-84.05		644	-12093.8	-1553.4	-1110.5	-1437.6	-12209.5
-81.18		643	-8540.7	-1553.4	-1110.5	-1381.1	-8712.9
-82.38		653	-8540.7	-382.9	-1110.5	-234.4	-8689.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
70.07	Cent	-2156177.5	-862645.2	540026.5	-666834.9	-2351987.9
76.76	654	-1821873.7	-313333.7	375583.0	-224997.1	-1910210.3
79.47	644	-2302089.7	523988.1	544258.9	625180.6	-2403282.1
72.65	643	-4619535.0	-3446478.3	406073.9	-3319626.3	-4746387.0
27.46	653	118788.2	-214756.9	237397.9	242137.8	-338106.5

	NODE	Vxx	Vyy
	Cent	2633.1	4295.1
	654	719.6	655.2
	644	719.6	7935.0
	643	4546.6	7935.0
	653	4546.6	655.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.83	vento -y	Cent	193.4	3.9	-58.4	210.0	-12.6
		654	223.5	-2.5	-58.4	237.7	-16.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-13.66		644	223.5	10.4	-58.4	238.5	-4.5
-14.37		643	163.3	10.4	-58.4	183.1	-9.3
-18.69		653	163.3	-2.5	-58.4	181.8	-21.0
-17.58							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----		Cent	2062.0	6409.8	-3443.4	8308.2	163.7
-61.13		654	4710.1	4829.0	-2508.5	7278.8	2260.3
-45.68		644	-2095.3	-3460.6	-3171.2	465.9	-6021.8
-38.93		643	13088.7	21123.4	-2461.4	21817.4	12394.6
-74.25		653	-7455.5	3147.6	-1798.6	3444.4	-7752.3
-80.63							

	NODE	Vxx	Vyy
-----	Cent	-6.6	-25.2
	654	5.7	-1.7
	644	5.7	-48.8
	643	-18.8	-48.8
	653	-18.8	-1.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----		Cent	90.6	-0.7	-204.1	254.1	-164.1
-38.69	cedime~1	654	96.5	-10.3	-204.1	254.0	-167.8
-37.67		644	96.5	9.0	-204.1	261.4	-156.0
-38.95		643	84.8	9.0	-204.1	254.4	-160.7
-39.74		653	84.8	-10.3	-204.1	246.8	-172.2
-38.44							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----		Cent	-50376.6	3920.1	-4456.4	4283.4	-50740.0
-85.34		654	-28631.7	10646.4	-3946.2	11038.9	-29024.2
-84.32		644	-73587.3	-5063.4	-3085.6	-4924.7	-73726.0
-87.43		643	-60372.7	5020.6	-3339.7	5190.7	-60542.8
-87.08		653	-38914.8	5076.7	-4200.3	5474.1	-39312.3
-84.59							

	NODE	Vxx	Vyy
-----	Cent	35.1	-4.4
	654	46.5	7.9
	644	46.5	-16.8
	643	23.8	-16.8
	653	23.8	7.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-84.73	perm	Cent	-2890.7	-232.7	-247.5	-209.8	-2913.5	
-85.70		654	-3374.0	-100.1	-247.5	-81.5	-3392.6	
-85.33		644	-3374.0	-365.3	-247.5	-345.0	-3394.2	
-83.19		643	-2407.4	-365.3	-247.5	-335.7	-2437.0	
-83.95		653	-2407.4	-100.1	-247.5	-73.9	-2433.6	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
71.47		Cent	-534934.7	-199411.1	126732.4	-156922.8	-577423.1	
77.74		654	-453984.1	-66893.0	88261.6	-47718.1	-473159.0	
79.87		644	-572050.8	123129.3	128290.6	146048.7	-594970.3	
74.13		643	-1114599.2	-806452.0	95318.2	-779351.0	-1141700.2	
33.20		653	895.2	-47428.7	55289.2	37071.5	-83605.0	
		NODE	Vxx	Vyy				
		Cent	622.1	1009.8				
		654	173.4	161.8				
		644	173.4	1857.8				
		643	1070.8	1857.8				
		653	1070.8	161.8				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-82.68	INV TO~1	Max	Cent	-2766.7	-220.6	-128.5	-178.5	-2809.4
-84.00			654	-3236.1	-94.8	-128.5	-70.2	-3271.0
-83.55			644	-3236.1	-330.3	-128.5	-292.7	-3273.6
-80.57			643	-2277.3	-330.3	-128.5	-275.1	-2332.5
-81.49			653	-2277.3	-94.8	-128.5	-55.3	-2327.1
-82.84	Min	Cent	Cent	-7689.9	-731.0	-1092.2	-618.8	-7801.4
-84.24			654	-8999.5	-293.5	-1092.2	-193.6	-9089.1
-83.60			644	-8999.5	-1178.1	-1092.2	-1078.6	-9099.1
-80.58			643	-6381.6	-1178.1	-1092.2	-1030.7	-6529.0
-81.88			653	-6381.6	-293.5	-1092.2	-156.5	-6508.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
56.11          Max   Cent  -515214.2  -178001.8  407823.0   91989.1  -789125.1
61.82          654  -433665.2  -44659.1  284353.3   97049.2  -586019.9
69.53          644  -553010.4   392277.5  410025.8  545343.9  -706076.8
58.41          643 -1056079.5  -740207.0  307381.5 -556211.1 -1245096.0
31.79          653   140550.9   -35004.7  181849.1  253276.9  -152807.4
83.13          Min   Cent  -1656846.4 -650086.6  112514.1  -635988.3 -1669220.5
85.89          654 -1394194.9  -240254.4   77269.7  -234423.1 -1399299.3
86.51          644 -1779936.7   110572.9  115724.2  117630.4 -1786994.2
84.24          643 -3506548.9 -2582115.9   84683.9 -2573240.0 -3514201.5
28.60          653  -108165.5  -171663.7   45328.1  -83451.3  -191697.4
    
```

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          NODE      Vxx      Vyy
-----
Max   Cent      1992.6    3223.3
      654        567.5     512.5
      644        567.5    5942.2
      643        3418.7    5942.2
      653        3418.7     512.5
Min   Cent      583.4     932.4
      654        159.6     152.6
      644        159.6    1704.0
      643        999.4     1704.0
      653        999.4     152.6
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
INV TO~2 Max   Cent  -2766.7  -220.6  -128.5  -178.5  -2809.4
-82.68          654  -3236.1  -94.8  -128.5  -70.2  -3271.0
-84.00          644  -3236.1  -330.3  -128.5  -292.7  -3273.6
-83.55          643  -2277.3  -330.3  -128.5  -275.1  -2332.5
-80.57          653  -2277.3  -94.8  -128.5  -55.3  -2327.1
-81.49          Min   Cent  -13928.3 -1307.0 -1499.2 -1131.4 -14103.9
-83.32          654  -16326.6 -516.9 -1499.2 -376.0  -16467.5
-84.63          644  -16326.6 -2097.0 -1499.2 -1940.8 -16482.9
-84.05          643  -11529.9 -2097.0 -1499.2 -1864.5 -11762.4
-81.18          653  -11529.9 -516.9 -1499.2 -316.5  -11730.3
-82.38
    
```

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          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
Max   Cent  -515214.2  -178001.8  729035.8  91989.1  -789125.1
56.11          654  -433665.2  -44659.1  507037.0  97049.2  -586019.9
61.82
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.47		644	-553010.4	707383.9	734749.5	843993.8	-706076.8
58.41		643	-1056079.5	-740207.0	548199.7	-556211.1	-1245096.0
27.46		653	160364.1	-35004.7	320487.2	326886.1	-152807.4
70.07	Min	Cent	-2910839.7	-1164571.0	112514.1	-900227.1	-3175183.6
76.76		654	-2459529.5	-423000.5	77269.7	-303746.1	-2578783.9
86.51		644	-3107821.0	110572.9	115724.2	117630.4	-3244430.9
72.65		643	-6236372.3	-4652745.7	84683.9	-4481495.5	-6407622.4
28.60		653	-108165.5	-289921.8	45328.1	-83451.3	-456443.8

	NODE	Vxx	Vyy
Max	Cent	3554.7	5798.3
	654	971.5	884.5
	644	971.5	10712.2
	643	6138.0	10712.2
	653	6138.0	884.5
Min	Cent	583.4	932.4
	654	159.6	152.6
	644	159.6	1704.0
	643	999.4	1704.0
	653	999.4	152.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
678	1	4	c mob-a	Max	Cent	81.6	7.8	57.1	112.7	-23.3
28.56					664	111.3	4.5	57.1	136.1	-20.3
23.47					654	111.3	127.8	57.1	177.3	61.8
49.10					653	52.5	127.8	57.1	158.6	21.7
61.70					663	52.5	4.5	57.1	90.4	-33.5
33.62				Min	Cent	-2263.4	-11.0	-942.0	331.0	-2605.4
-70.04					664	-2305.0	-136.9	-942.0	215.2	-2657.1
-69.51					654	-2305.0	-3.6	-942.0	332.8	-2641.4
-70.35					653	-2266.8	-3.6	-942.0	337.2	-2607.5
-70.11					663	-2266.8	-136.9	-942.0	220.0	-2623.6
-69.25										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	20604.5	6698.3	89251.0	103172.8	-75870.0
42.77					664	35728.1	15077.2	96002.5	121958.8	-71153.5
41.93					654	29542.3	28029.0	57413.6	86204.2	-28632.9
44.62					653	12436.4	7628.8	46757.4	56851.7	-36786.5
43.53					663	22932.3	19815.5	85193.5	106581.6	-63833.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.48								
-87.37	Min	Cent	-183403.0	-54774.5	-5924.6	-54502.2	-183675.3	
-88.95			664	-269472.3	-27849.2	-4435.8	-27767.8	-269553.7
-83.82			654	-61458.1	-12155.6	-5403.0	-11570.4	-62043.3
-87.85			653	-321568.2	-168935.7	-5728.5	-168721.0	-321782.9
-85.90			663	-95348.7	-31429.4	-4610.3	-31098.6	-95679.5

		NODE	Vxx	Vyy
Max	Cent		20.0	166.3
		664	29.9	97.9
		654	29.9	253.9
		653	225.9	253.9
		663	225.9	97.9
Min	Cent		-15.9	-6.6
		664	-243.7	-19.8
		654	-243.7	-6.8
		653	-4.2	-6.8
		663	-4.2	-19.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.62	c mob-b	Max	Cent	64.3	6.9	84.5	124.9	-53.7
31.90			664	86.2	3.0	84.5	138.8	-49.6
51.65			654	86.2	126.1	84.5	193.0	19.3
58.17			653	42.4	126.1	84.5	178.6	-10.0
38.44			663	42.4	3.0	84.5	109.5	-64.1
-70.52		Min	Cent	-2238.1	-10.9	-900.6	307.7	-2556.7
-70.06			664	-2290.6	-135.4	-900.6	191.4	-2617.4
-70.89			654	-2290.6	-2.7	-900.6	309.2	-2602.6
-70.50			653	-2227.7	-2.7	-900.6	316.1	-2546.5
-69.64			663	-2227.7	-135.4	-900.6	198.8	-2561.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.50		Max	Cent	15264.8	6313.5	85509.4	96415.6	-74837.3
42.13			664	27831.0	9489.8	91314.7	110434.5	-73113.7
46.22			654	23268.4	27973.3	55354.8	81025.6	-29783.8
43.29			653	9778.6	4344.9	45533.3	52676.0	-38552.5
45.87			663	16274.5	21220.3	81340.3	100125.2	-62630.4
-87.66		Min	Cent	-180796.0	-49196.3	-5390.6	-48975.9	-181016.4
-88.98			664	-263943.2	-25977.7	-4234.3	-25902.4	-264018.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.66	654	-61798.8	-9231.6	-4953.7	-8768.8	-62261.5
-88.18	653	-313010.3	-156003.6	-5001.3	-155844.4	-313169.5
-86.64	663	-96044.9	-25867.8	-4130.6	-25625.5	-96287.2

	NODE	Vxx	Vyy
Max	Cent	16.9	151.6
	664	26.7	79.6
	654	26.7	238.0
	653	215.2	238.0
Min	663	215.2	79.6
	Cent	-16.0	-3.1
	664	-232.6	-20.9
	654	-232.6	-3.2
	653	-0.7	-3.2
663	-0.7	-20.9	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-72.04	pp	Cent	-6551.5	-4.4	-2372.2	764.8	-7320.7
-71.27		664	-6571.5	-379.0	-2372.2	425.2	-7375.8
-72.82		654	-6571.5	370.2	-2372.2	1103.4	-7304.8
-72.75		653	-6531.5	370.2	-2372.2	1107.0	-7268.2
-71.18		663	-6531.5	-379.0	-2372.2	429.4	-7339.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.60	Cent	-484615.7	-117775.5	241607.8	2147.8	-604539.1
71.26	664	-731555.5	-60279.0	257315.5	27006.3	-818840.8
55.46	654	-85695.1	33902.0	156382.0	141528.7	-193321.7
75.92	653	-899401.9	-418394.9	128765.1	-386093.8	-931703.1
56.53	663	-221810.5	-26330.2	229698.6	125558.5	-373699.3

	NODE	Vxx	Vyy
	Cent	-14.3	404.5
	664	-645.1	153.9
	654	-645.1	655.2
	653	616.4	655.2
	663	616.4	153.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-24.78	vento -y	Cent	126.8	-6.6	-78.3	162.9	-42.8
-24.36		664	140.0	2.6	-78.3	175.5	-32.8
		654	140.0	-15.9	-78.3	172.5	-48.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-22.56		653	113.6	-15.9	-78.3	150.4	-52.7
-25.21		663	113.6	2.6	-78.3	154.0	-37.9
-27.33							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-83.94		Cent	-1674.7	3514.3	-557.0	3573.4	-1733.8
-74.93		664	70.7	2897.5	-820.5	3118.4	-150.2
-88.55		654	-4334.4	3020.1	-186.2	3024.8	-4339.1
-89.72		653	-1617.7	4315.1	-29.5	4315.3	-1617.8
-82.02		663	-817.3	3824.6	-663.8	3917.6	-910.3

	NODE	Vxx	Vyy
	Cent	2.7	-2.1
	664	4.6	-2.5
	654	4.6	-1.7
	653	0.9	-1.7
	663	0.9	-2.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-41.79	cedime~1	Cent	51.7	-9.7	-273.1	295.8	-253.8
-41.51		664	65.5	-1.4	-273.1	307.2	-243.1
-40.65		654	65.5	-18.1	-273.1	300.0	-252.5
-42.08		653	37.9	-18.1	-273.1	284.4	-264.6
-42.95		663	37.9	-1.4	-273.1	292.0	-255.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

84.93		Cent	-28470.9	6939.8	3168.4	7221.1	-28752.1
86.56		664	-27163.4	1933.6	1755.0	2039.1	-27268.8
86.35		654	-31106.2	10151.5	2642.8	10320.1	-31274.8
85.53		653	-37844.5	5290.8	3393.9	5556.2	-38109.9
84.95		663	-17769.5	10383.5	2506.1	10604.8	-17990.9

	NODE	Vxx	Vyy
	Cent	12.7	-3.5
	664	5.7	-14.9
	654	5.7	7.9
	653	19.6	7.9
	663	19.6	-14.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-75.09	perm	Cent	-1865.0	-3.6	-533.7	138.6	-2007.1
-74.58		664	-1899.9	-112.2	-533.7	35.0	-2047.1
-75.99		654	-1899.9	105.0	-533.7	238.2	-2033.1
-75.56		653	-1830.1	105.0	-533.7	242.5	-1967.5
-74.07		663	-1830.1	-112.2	-533.7	40.1	-1982.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

66.39		Cent	-137419.8	-22634.5	62024.8	4477.2	-164531.5
72.95		664	-204555.7	-14350.5	64412.8	5409.9	-224316.1
61.18		654	-35508.2	16802.2	41291.7	39525.4	-58231.5
76.98		653	-238351.9	-95278.2	34963.3	-87191.2	-246438.9
61.17		663	-71263.2	2288.4	58084.4	34260.4	-103235.2
		NODE	Vxx	Vyy			

		Cent	-7.8	92.2			
		664	-167.5	22.7			
		654	-167.5	161.8			
		653	151.8	161.8			
		663	151.8	22.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-69.67	INV TO~1	Max Cent	-1703.1	6.9	-419.6	741.8	-1849.6
-69.10		664	-1684.0	-106.1	-419.6	495.5	-1850.5
-70.21		654	-1684.0	277.6	-419.6	830.0	-1833.0
-69.94		653	-1721.4	277.6	-419.6	840.9	-1842.3
-68.81		663	-1721.4	-106.1	-419.6	507.6	-1859.7
-77.27		Min Cent	-4920.5	-28.1	-2078.4	101.7	-5638.8
-76.48		664	-5011.6	-298.3	-2078.4	-5.2	-5739.9
-78.76		654	-5011.6	82.1	-2078.4	361.0	-5694.0
-78.80		653	-4890.2	82.1	-2078.4	360.6	-5611.1
-76.54		663	-4890.2	-298.3	-2078.4	-5.7	-5658.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max Cent	-109603.7	-6652.0	185682.0	127123.7	-250319.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

52.37			664	-156322.8	7937.3	195771.2	135149.2	-285468.2
56.35			654	4373.9	64792.8	121442.8	150937.2	-91922.0
50.97			653	-221562.8	-79688.5	101479.6	-33752.9	-272789.2
62.42			663	-40304.6	41319.3	175601.7	174121.2	-181407.0
52.90	Min	Cent	664	-413484.7	-96580.1	54026.6	-86792.5	-423289.2
79.73			664	-595506.6	-51946.9	58424.5	-45419.3	-602066.8
83.62			654	-150042.8	392.1	33997.6	9398.6	-158007.9
75.16			653	-710313.5	-323341.3	27229.8	-321230.3	-712689.8
85.57			663	-218693.4	-40141.2	51860.5	-24865.0	-233220.5
73.59								

	NODE	Vxx	Vyy
Max	Cent	31.8	316.8
	664	-121.4	154.9
	654	-121.4	512.5
	653	476.4	512.5
	663	476.4	154.9
Min	Cent	-29.5	79.9
	664	-496.5	-20.4
	654	-496.5	152.6
	653	146.1	152.6
	663	146.1	-20.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-72.04	INV TO~2	Max	Cent	-1703.1	6.9	-419.6	1032.4	-1849.6
-71.27			664	-1684.0	-106.1	-419.6	574.1	-1850.5
-72.82			654	-1684.0	499.8	-419.6	1489.7	-1833.0
-72.75			653	-1721.4	499.8	-419.6	1494.4	-1842.3
-71.18			663	-1721.4	-106.1	-419.6	579.7	-1859.7
-77.27		Min	Cent	-8844.5	-28.1	-3202.5	101.7	-9882.9
-76.48			664	-8871.6	-511.7	-3202.5	-5.2	-9957.4
-78.76			654	-8871.6	82.1	-3202.5	361.0	-9861.4
-78.80			653	-8817.5	82.1	-3202.5	360.6	-9812.1
-76.54			663	-8817.5	-511.7	-3202.5	-5.7	-9908.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

52.37	Max	Cent	-109603.7	-6652.0	326170.5	127123.7	-250319.2	
56.35			664	-156322.8	7937.3	347376.0	135149.2	-285468.2
55.46			654	4373.9	64792.8	211115.7	191063.7	-91922.0

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62.42			653	-221562.8	-79688.5	173832.8	-33752.9	-272789.2
52.90			663	-40304.6	41319.3	310093.1	174121.2	-181407.0
79.73		Min	Cent	-654231.3	-158997.0	54026.6	-86792.5	-816127.8
83.62			664	-987599.9	-81376.6	58424.5	-45419.3	-1105435.1
75.16			654	-150042.8	392.1	33997.6	9398.6	-260984.3
75.92			653	-1214192.6	-564833.2	27229.8	-521226.6	-1257799.1
73.59			663	-299444.2	-40141.2	51860.5	-24865.0	-504494.0

	NODE	Vxx	Vyy
Max	Cent	31.8	546.1
	664	-121.4	207.7
	654	-121.4	884.5
	653	832.2	884.5
	663	832.2	207.7
Min	Cent	-29.5	79.9
	664	-870.9	-20.4
	654	-870.9	152.6
	653	146.1	152.6
	663	146.1	-20.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
759	1	2	c mob-a	Max	Cent	12.9	34.7	25.3	51.3	-3.7
56.63					635	16.1	42.6	25.3	57.9	0.8
58.81					645	16.1	27.3	25.3	47.6	-4.2
51.21					1108	23.1	27.3	25.3	50.5	-0.2
47.37					1106	23.1	42.6	25.3	59.9	5.7
55.55				Min	Cent	-1151.3	-956.7	-1580.0	528.9	-2637.0
-46.76					635	-1500.2	-975.5	-1580.0	363.8	-2839.4
-49.71					645	-1500.2	-939.7	-1580.0	384.7	-2824.6
-50.03					1108	-804.6	-939.7	-1580.0	709.2	-2453.6
-43.78					1106	-804.6	-975.5	-1580.0	692.2	-2472.3
-43.45										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
49.49				Max	Cent	482.9	614.1	415.5	969.2	127.8
6.14					635	4076.7	988.7	336.3	4112.9	952.5
74.21					645	564.8	2218.8	508.4	2362.6	421.0
33.25					1108	1262.2	802.9	528.1	1608.4	456.8
38.97					1106	1032.6	678.0	829.3	1703.3	7.2
				Min	Cent	-25474.3	-33114.6	-8445.1	-20025.4	-38563.4

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-32.83		635	-23616.4	-37253.0	-8123.7	-19828.9	-41040.5
-25.00		645	-19475.5	-21717.5	-12968.9	-7579.3	-33613.7
-42.53		1108	-4652.5	-23463.9	-6785.5	-2460.4	-25656.0
-17.90		1106	-58497.5	-55533.8	-2627.7	-53998.9	-60032.4
-59.71							

	NODE	Vxx	Vyy
Max	Cent	3.4	19.7
	635	13.8	22.1
	645	13.8	17.0
	1108	1.0	17.0
	1106	1.0	22.1
Min	Cent	-27.8	-4.1
	635	-7.8	-1.4
	645	-7.8	-7.5
	1108	-53.4	-7.5
	1106	-53.4	-1.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.20	c mob-b	Max	Cent	12.9	22.7	19.1	37.5	-1.9
54.50			635	13.0	26.1	19.1	39.8	-0.7
49.84			645	13.0	19.5	19.1	35.6	-3.1
41.30			1108	24.4	19.5	19.1	41.2	2.7
46.26			1106	24.4	26.1	19.1	44.4	6.2
-46.47		Min	Cent	-1099.8	-941.9	-1538.3	519.5	-2561.2
-49.51			635	-1452.4	-964.4	-1538.3	349.1	-2766.0
-49.91			645	-1452.4	-920.3	-1538.3	374.8	-2747.6
-43.53			1108	-761.9	-920.3	-1538.3	699.3	-2381.5
-43.12			1106	-761.9	-964.4	-1538.3	678.5	-2404.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
42.39	Max	Cent	577.6	490.1	480.0	1015.9	51.8	
6.22		635	3452.2	635.5	310.5	3486.0	601.7	
78.89		645	605.9	3171.0	523.9	3273.9	503.1	
43.20		1108	1080.8	990.7	715.0	1752.1	319.4	
36.30		1106	1221.1	540.5	1085.4	2018.3	-256.6	
-36.41		Min	Cent	-25858.8	-30925.7	-8195.4	-19814.3	-36970.3
-29.32			635	-25447.9	-35191.4	-7991.2	-20960.5	-39678.8
-47.46			645	-19081.9	-16893.7	-12718.9	-5221.9	-30753.7

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-17.39		1108	-3884.1	-20589.9	-5801.9	-2066.8	-22407.2
-73.57		1106	-58753.3	-53411.7	-1725.5	-52902.8	-59262.3

	NODE	Vxx	Vyy
Max	Cent	2.6	21.4
	635	12.7	24.0
	645	12.7	19.0
	1108	1.1	19.0
	1106	1.1	24.0
Min	Cent	-29.0	-2.0
	635	-8.6	-0.6
	645	-8.6	-4.3
	1108	-53.6	-4.3
	1106	-53.6	-0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-46.68	pp	Cent	-3082.7	-2550.7	-4536.3	1727.4	-7360.8
-49.91		635	-4107.4	-2535.7	-4536.3	1282.3	-7925.4
-49.82		645	-4107.4	-2565.7	-4536.3	1264.7	-7937.9
-43.40		1108	-2057.9	-2565.7	-4536.3	2231.6	-6855.2
-43.49		1106	-2057.9	-2535.7	-4536.3	2245.8	-6839.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-34.31	Cent	-72446.4	-89592.7	-21904.5	-57497.1	-104542.0
-23.02	635	-60748.9	-100683.6	-20702.9	-51953.3	-109479.2
-50.31	645	-53110.7	-40115.0	-34667.3	-11341.9	-81883.8
-16.43	1108	-8461.6	-57037.0	-15686.0	-3836.6	-61662.0
-76.79	1106	-167464.4	-160535.0	-1721.6	-160130.8	-167868.6

	NODE	Vxx	Vyy
	Cent	-74.3	51.3
	635	5.0	61.4
	645	5.0	41.2
	1108	-153.7	41.2
	1106	-153.7	61.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
60.42	vento -y	Cent	-72.4	-20.0	43.8	4.8	-97.3
61.99		635	-91.2	-32.1	43.8	-8.8	-114.5
66.74		645	-91.2	-8.0	43.8	10.8	-110.0
		1108	-53.6	-8.0	43.8	18.6	-80.2

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58.73
51.89

1106 -53.6 -32.1 43.8 2.3 -88.0
 NODE Mxx Myy Mxy Mmax Mmin

 ANGLE Cent 2919.0 1876.2 -50.7 2921.5 1873.8
 -2.78 635 4191.0 724.1 -132.7 4196.1 719.0
 -2.19 645 955.8 713.8 3.9 955.8 713.7
 0.92 1108 948.3 2031.8 -60.0 2035.1 945.0
 -86.84 1106 5581.0 4035.2 -196.5 5605.6 4010.6
 -7.13

NODE Vxx Vyy

 Cent 4.1 -3.5
 635 3.6 -4.8
 645 3.6 -2.1
 1108 4.7 -2.1
 1106 4.7 -4.8

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

 cedime~1 Cent -250.4 -202.9 -28.1 -189.8 -263.4
 -65.07 635 -346.7 -238.4 -28.1 -231.6 -353.6
 -76.28 645 -346.7 -167.4 -28.1 -163.1 -351.1
 -81.29 1108 -154.0 -167.4 -28.1 -131.8 -189.6
 -38.27 1106 -154.0 -238.4 -28.1 -145.5 -246.9
 -16.84

NODE Mxx Myy Mxy Mmax Mmin
 ANGLE

 Cent 3797.6 -1012.7 -2376.8 4773.9 -1989.0
 -22.33 635 10748.2 -2175.0 -1955.4 11037.6 -2464.4
 -8.42 645 -3122.2 -4565.8 -2537.7 -1205.6 -6482.4
 -37.06 1108 982.7 1067.5 -2400.1 3425.5 -1375.4
 -45.51 1106 6581.6 1622.5 -1817.7 7176.5 1027.6
 -18.12

NODE Vxx Vyy

 Cent 10.5 -7.5
 635 14.9 -7.4
 645 14.9 -7.7
 1108 6.1 -7.7
 1106 6.1 -7.4

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

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-45.28      perm      Cent      -740.4      -715.7      -1251.3      523.2      -1979.4
              635      -998.4      -716.5      -1251.3      401.7      -2116.6
-48.21              645      -998.4      -715.0      -1251.3      402.5      -2116.0
-48.23              1108     -482.4      -715.0      -1251.3      657.9      -1855.4
-42.35              1106     -482.4      -716.5      -1251.3      657.3      -1856.2
-42.33
-----
              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-42.41              Cent      -21883.0    -22970.1    -5985.4    -16416.5    -28436.6
              635      -19658.4    -26184.5    -5762.3    -16299.4    -29543.5
-30.24              645      -15222.2    -7870.8     -9653.7     -1216.7     -21876.3
-55.42              1108     -2998.3     -13989.7    -4145.2     -1610.3     -15377.7
-18.51              1106     -49653.3    -43835.2    -253.8      -43824.2    -49664.3
-87.51
-----
              NODE      Vxx      Vyy
              Cent      -23.0      16.1
              635      -0.9      18.6
              645      -0.9      13.7
              1108     -45.2      13.7
              1106     -45.2      18.6
-----
              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
INV TO~1  Max  Cent      -723.0      -669.0      -1217.1      1236.3      -1913.4
              635      -976.6      -659.0      -1217.1      891.7      -2045.3
-46.22              645      -976.6      -678.2      -1217.1      920.3      -2053.7
-49.16              1108     -449.4      -678.2      -1217.1      1614.4     -1786.3
-49.37              1106     -449.4      -659.0      -1217.1      1591.1     -1775.9
-43.25              Min  Cent      -2545.0     -2210.3     -3412.4      323.7      -5794.1
-43.04              635      -3370.4     -2271.8     -3412.4      153.0      -6277.4
-46.17              645      -3370.4     -2151.0     -3412.4      183.5      -6227.1
-49.85              1108     -1722.7     -2151.0     -3412.4      526.6      -5355.9
-50.43              1106     -1722.7     -2271.8     -3412.4      503.5      -5420.6
-42.22
-41.63
-----
              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
              Max  Cent      -17305.6    -22141.0    -5337.4    -11979.9    -26984.6
-34.62              635      -3406.6    -24849.8    -5308.3     -1351.5     -27037.1

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-15.80							
		645	-14404.2	-3590.0	-8946.5	1456.4	-19450.6
-60.57							
		1108	-311.6	-11584.8	-3180.0	1983.3	-13482.0
-22.36							
		1106	-41423.2	-41297.4	1211.4	-40750.8	-41969.9
-47.96							
	Min	Cent	-56792.5	-68687.4	-19763.2	-44015.7	-82104.9
-36.31							
		635	-54013.1	-78651.1	-18684.7	-45094.8	-86690.5
-28.06							
		645	-44636.2	-41755.3	-29699.4	-13461.4	-72930.1
-46.39							
		1108	-9279.2	-45666.0	-15705.8	-4932.9	-50450.2
-18.09							
		1106	-128970.3	-118805.8	-5619.0	-117541.5	-130234.6
-71.60							

	NODE	Vxx	Vyy
Max	Cent	-8.0	45.0
	635	32.7	51.0
	645	32.7	39.3
	1108	-37.6	39.3
	1106	-37.6	51.0
Min	Cent	-62.2	3.1
	635	-12.4	9.3
	645	-12.4	-4.1
	1108	-117.6	-4.1
	1106	-117.6	9.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-723.0	-669.0	-1217.1	2332.0	-1913.4
-46.68			635	-976.6	-659.0	-1217.1	1731.1	-2045.3
-49.91			645	-976.6	-678.2	-1217.1	1707.4	-2053.7
-49.82			1108	-449.4	-678.2	-1217.1	3012.7	-1786.3
-43.40			1106	-449.4	-659.0	-1217.1	3031.9	-1775.9
-43.49		Min	Cent	-4161.6	-3443.4	-6124.0	323.7	-9937.0
-46.17			635	-5545.1	-3423.2	-6124.0	153.0	-10699.3
-49.85			645	-5545.1	-3463.7	-6124.0	183.5	-10716.2
-50.43			1108	-2778.1	-3463.7	-6124.0	526.6	-9254.5
-42.22			1106	-2778.1	-3423.2	-6124.0	503.5	-9233.1
-41.63								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	-17305.6	-22141.0	-5337.4	-11979.9	-26984.6
-34.62		635	-3406.6	-24849.8	-5308.3	-1351.5	-27037.1
-15.80		645	-14404.2	-3590.0	-8946.5	1456.4	-19450.6
-60.57		1108	-311.6	-11584.8	-3180.0	1983.3	-13482.0
-22.36							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-47.96			1106	-41423.2	-41297.4	1211.4	-40750.8	-41969.9
-34.31	Min	Cent		-97802.6	-120950.1	-29571.1	-77621.0	-141131.7
-23.02			635	-82011.0	-135922.9	-27948.9	-70137.0	-147796.9
-50.31			645	-71699.4	-54155.2	-46800.8	-15311.5	-110543.1
-16.43			1108	-11423.1	-77000.0	-21176.1	-5179.4	-83243.7
-76.79			1106	-226076.9	-216722.3	-5619.0	-216176.6	-226622.6

	NODE	Vxx	Vyy
Max	Cent	-8.0	69.3
	635	32.7	82.9
	645	32.7	55.6
	1108	-37.6	55.6
	1106	-37.6	82.9
Min	Cent	-100.4	3.1
	635	-12.4	9.3
	645	-12.4	-4.1
	1108	-207.5	-4.1
	1106	-207.5	9.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
760	1	2	c mob-a	Max	Cent	36.6	15.1	25.3	53.3	-1.6
33.49					645	47.0	26.4	25.3	64.0	9.4
33.88					655	47.0	4.6	25.3	58.8	-7.2
24.97					1110	26.3	4.6	25.3	43.0	-12.1
33.33					1108	26.3	26.4	25.3	51.6	1.1
45.02				Min	Cent	-657.7	-472.5	-1815.6	1252.8	-2383.0
-46.46					645	-794.8	-844.4	-1815.6	996.2	-2635.3
-44.61					655	-794.8	-129.3	-1815.6	1383.8	-2307.8
-50.19					1110	-522.8	-129.3	-1815.6	1500.2	-2152.2
-48.09					1108	-522.8	-844.4	-1815.6	1139.1	-2506.2

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	239.6	2174.4	701.3	2401.9	12.1	
72.03		645	3609.5	3178.3	595.4	4027.2	2760.7	
35.05		655	934.0	5868.4	701.8	5966.3	836.1	
82.06		1110	3822.8	5817.4	697.2	6036.9	3603.3	
72.52		1108	479.8	733.3	643.2	1262.1	-48.9	
50.57		Min	Cent	-6462.8	-18418.6	-11249.4	298.4	-25179.8
-31.01		645	-2066.1	-18926.8	-11338.6	3632.8	-24625.7	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-26.68							
	655	-14668.2	-20813.6	-12129.1	-5228.6	-30253.2	
-37.89							
	1110	-792.6	-9217.4	-9077.6	5002.4	-15012.3	
-32.55							
	1108	-18306.5	-26033.4	-8569.4	-12769.9	-31570.0	
-32.87							

	NODE	Vxx	Vyy
Max	Cent	1.9	8.6
	645	17.9	17.0
	655	17.9	3.3
	1110	0.8	3.3
	1108	0.8	17.0
Min	Cent	-2.3	-10.7
	645	-1.3	-7.5
	655	-1.3	-15.5
	1110	-17.9	-15.5
	1108	-17.9	-7.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	31.9	11.2	18.6	42.9	0.2
30.49			645	38.6	18.5	18.6	49.7	7.4
30.81			655	38.6	4.7	18.6	46.9	-3.5
23.86			1110	25.3	4.7	18.6	36.3	-6.3
30.55			1108	25.3	18.5	18.6	40.8	2.9
39.82		Min	Cent	-626.4	-461.9	-1769.2	1227.0	-2315.3
-46.33			645	-754.1	-829.1	-1769.2	978.0	-2561.2
-44.39			655	-754.1	-94.9	-1769.2	1375.1	-2224.2
-50.28			1110	-506.3	-94.9	-1769.2	1480.5	-2081.8
-48.32			1108	-506.3	-829.1	-1769.2	1108.9	-2444.3
-42.39								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	235.9	2915.8	769.7	3121.2	30.5	
75.06		645	3470.7	4325.2	626.1	4656.0	3140.0	
62.15		655	959.4	6706.9	674.7	6785.0	881.3	
83.39		1110	3384.3	6484.4	788.8	6673.6	3195.2	
76.51		1108	474.5	882.9	775.9	1481.1	-123.6	
52.37		Min	Cent	-6323.8	-13427.9	-10950.2	1636.0	-21387.7
-36.01		645	-1574.2	-13816.6	-11058.2	4943.9	-20334.8	
-30.52		655	-13599.4	-14348.6	-11881.8	-2086.3	-25861.8	
-44.10		1110	-894.8	-6172.8	-8819.9	5672.4	-12740.0	
-36.67								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.98 1108 -18157.1 -23370.7 -8000.1 -12349.8 -29178.0

	NODE	Vxx	Vyy

Max	Cent	1.6	9.8
	645	17.3	19.0
	655	17.3	3.7
	1110	1.0	3.7
	1108	1.0	19.0
Min	Cent	-2.7	-5.1
	645	-1.3	-4.3
	655	-1.3	-10.0
	1110	-17.7	-10.0
	1108	-17.7	-4.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-46.20	pp	Cent	-1706.5	-1271.9	-5194.7	3710.1	-6688.5
-44.30		645	-2035.7	-2290.5	-5194.7	3033.2	-7359.4
-49.87		655	-2035.7	-253.4	-5194.7	4126.1	-6415.1
-48.09		1110	-1377.2	-253.4	-5194.7	4409.7	-6040.3
-42.49		1108	-1377.2	-2290.5	-5194.7	3380.9	-7048.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-40.02	Cent	-19039.6	-29938.2	-31028.0	7014.0	-55991.8
-30.23	645	7381.1	-28016.6	-31232.5	25580.9	-46216.5
-51.96	655	-40166.6	-23527.6	-33574.6	2743.0	-66437.1
-38.76	1110	8500.8	-2489.1	-24815.9	28422.9	-22411.2
-36.44	1108	-51873.6	-65719.4	-22473.8	-35280.6	-82312.4

	NODE	Vxx	Vyy

	Cent	0.4	11.6
	645	49.8	41.2
	655	49.8	-18.0
	1110	-49.1	-18.0
	1108	-49.1	41.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

56.21	vento -y	Cent	-53.6	-3.7	60.5	36.8	-94.0
56.92		645	-57.7	-4.3	60.5	35.1	-97.0
57.15		655	-57.7	-3.1	60.5	36.0	-96.7
55.49		1110	-49.5	-3.1	60.5	38.5	-91.0
		1108	-49.5	-4.3	60.5	37.7	-91.4

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

55.25

ANGLE NODE Mxx Myy Mxy Mmax Mmin

82.84	Cent	776.7	1252.3	60.7	1259.9	769.1
25.91	645	730.8	668.8	39.4	749.9	649.6
86.26	655	730.6	1421.5	45.3	1424.4	727.6
-89.94	1110	230.5	793.8	-0.6	793.8	230.5
-89.47	1108	1415.0	2125.2	-6.5	2125.2	1414.9

NODE	Vxx	Vyy
Cent	0.5	-0.6
645	0.2	-2.1
655	0.2	0.8
1110	0.9	0.8
1108	0.9	-2.1

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

86.29	cedime~1	Cent	-158.0	-92.3	4.3	-92.0	-158.2
79.47		645	-171.1	-149.0	4.3	-148.2	-171.9
88.20		655	-171.1	-35.6	4.3	-35.5	-171.3
87.76		1110	-144.8	-35.6	4.3	-35.5	-145.0
32.05		1108	-144.8	-149.0	4.3	-142.1	-151.6

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-29.95	Cent	291.8	-1910.6	-1900.0	1386.6	-3005.4
-19.97	645	835.5	-3774.3	-1930.4	1537.0	-4475.9
-27.85	655	-1604.3	-3688.2	-1527.3	-797.3	-4495.1
-28.19	1110	1128.1	-1212.5	-1760.6	2071.9	-2156.2
-46.49	1108	807.8	1032.5	-2163.6	3086.7	-1246.4

NODE	Vxx	Vyy
Cent	0.9	-5.4
645	2.5	-7.7
655	2.5	-3.1
1110	-0.8	-3.1
1108	-0.8	-7.7

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	perm	Cent	645	655	1110	1108		
-45.36		-397.5	-360.9	-1437.7	1058.6	-1817.0		
-43.27		645	-472.5	-646.4	-1437.7	880.8	-1999.7	
-48.93		655	-472.5	-75.4	-1437.7	1177.4	-1725.2	
-47.46		1110	-322.5	-75.4	-1437.7	1244.0	-1641.9	
-41.79		1108	-322.5	-646.4	-1437.7	962.3	-1931.2	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-44.73		Cent	-5496.9	-5654.9	-8447.5	2872.0	-14023.8	
-35.38		645	1390.4	-4548.3	-8509.6	7433.9	-10591.8	
-56.08		655	-10644.0	-3172.0	-9169.8	2993.6	-16809.6	
-42.92		1110	2520.2	1541.7	-6721.7	8770.4	-4708.5	
-42.20		1108	-15254.2	-16440.9	-6061.5	-9757.0	-21938.0	
		NODE	Vxx	Vyy				
		Cent	-1.0	5.2				
		645	12.7	13.7				
		655	12.7	-3.3				
		1110	-14.6	-3.3				
		1108	-14.6	13.7				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-46.06	INV TO~1	Max	Cent	-348.2	-340.5	-1399.3	2749.2	-1747.9
-44.11			645	-409.0	-610.8	-1399.3	2224.7	-1917.1
-49.73			655	-409.0	-69.1	-1399.3	3044.6	-1652.8
-47.86			1110	-286.9	-69.1	-1399.3	3269.0	-1585.8
-42.22			1108	-286.9	-610.8	-1399.3	2499.8	-1861.8
-45.75		Min	Cent	-1443.4	-1091.1	-3888.7	930.3	-5155.6
-43.16			645	-1716.5	-1935.3	-3888.7	732.2	-5711.8
-49.82			655	-1716.5	-285.6	-3888.7	1076.9	-4950.8
-48.33			1110	-1173.1	-285.6	-3888.7	1140.6	-4639.0
-41.66			1108	-1173.1	-1935.3	-3888.7	813.1	-5457.2
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-46.92		Max	Cent	-4881.7	-1718.5	-7408.4	5074.0	-11053.1
-28.55			645	7098.7	1290.8	-7664.4	13445.9	-4280.6
			655	-9348.8	5882.3	-8222.3	9474.0	-12940.6

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-66.40			1110	8809.1	10295.7	-5656.8	17139.9	3182.4
-35.33			1108	-13798.6	-14216.4	-5014.0	-6826.8	-19951.9
-44.17		Min	Cent	-14221.7	-32430.6	-25534.3	2628.9	-50338.4
-35.49			645	-1398.8	-33873.7	-25747.2	11834.6	-47883.0
-36.01			655	-32050.4	-34958.5	-27071.5	-6394.0	-60614.9
-43.46			1110	1312.2	-12114.2	-20736.9	14794.2	-26813.7
-51.51			1108	-39967.9	-51586.0	-19793.8	-27214.4	-65454.0
-35.88								

		NODE	Vxx	Vyy
Max	Cent		2.4	18.4
	645		39.4	39.3
	655		39.4	1.7
	1110		-13.3	1.7
	1108		-13.3	39.3
Min	Cent		-4.6	-14.6
	645		10.9	-4.1
	655		10.9	-27.3
	1110		-39.5	-27.3
	1108		-39.5	-4.1

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max	Cent	-348.2	-340.5	-1399.3	5008.6	-1747.9
-46.20			645	-409.0	-610.8	-1399.3	4094.8	-1917.1
-44.30			655	-409.0	-69.1	-1399.3	5570.2	-1652.8
-49.87			1110	-286.9	-69.1	-1399.3	5953.1	-1585.8
-48.09			1108	-286.9	-610.8	-1399.3	4564.2	-1861.8
-42.49		Min	Cent	-2303.7	-1717.1	-7012.9	930.3	-9029.4
-45.75			645	-2748.2	-3092.1	-7012.9	732.2	-9935.1
-43.16			655	-2748.2	-342.0	-7012.9	1076.9	-8660.4
-49.82			1110	-1859.3	-342.0	-7012.9	1140.6	-8154.4
-48.33			1108	-1859.3	-3092.1	-7012.9	813.1	-9515.6
-41.66								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	-4881.7	-1718.5	-7408.4	9469.0	-11053.1
-40.02			645	9964.5	1290.8	-7664.4	34534.2	-4280.6
-30.23			655	-9348.8	5882.3	-8222.3	9474.0	-12940.6
-66.40			1110	11476.1	10295.7	-5656.8	38370.9	3182.4
-38.76			1108	-13798.6	-14216.4	-5014.0	-6826.8	-19951.9
-44.17								

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.49	Min	Cent	-25703.4	-40416.6	-41887.8	2628.9	-75588.9
-36.01		645	-1398.8	-37822.5	-42163.8	11834.6	-62392.2
-43.46		655	-54224.9	-34958.5	-45325.8	-6394.0	-89690.1
-51.51		1110	1312.2	-12114.2	-33501.5	14794.2	-30255.1
-36.44		1108	-70029.3	-88721.2	-30339.6	-47628.8	-111121.7

	NODE	Vxx	Vyy
Max	Cent	2.4	18.4
	645	67.3	55.6
	655	67.3	1.7
	1110	-13.3	1.7
Min	1108	-13.3	55.6
	Cent	-4.6	-14.6
	645	10.9	-4.1
	655	10.9	-27.3
	1110	-66.3	-27.3
	1108	-66.3	-4.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
767	1	2	c mob-a	Max	Cent	12.3	37.6	1221.9	1247.0	-1197.0
45.30					654	18.9	28.1	1221.9	1245.5	-1198.4
45.11					644	18.9	48.4	1221.9	1255.7	-1188.4
45.35					1107	18.7	48.4	1221.9	1255.6	-1188.5
45.35					1109	18.7	28.1	1221.9	1245.4	-1198.5
45.11				Min	Cent	-1548.6	-1036.2	-21.4	-1035.3	-1549.5
-87.62					654	-2048.3	-960.9	-21.4	-960.5	-2048.7
-88.87					644	-2048.3	-1111.8	-21.4	-1111.3	-2048.8
-88.69					1107	-1077.8	-1111.8	-21.4	-1067.5	-1122.1
-25.75					1109	-1077.8	-960.9	-21.4	-957.1	-1081.6
-79.96										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	4455.7	539.8	10637.3	13313.7	-8318.2
	654	630.1	1410.6	14264.0	15289.7	-13249.0
	644	14886.2	845.5	9915.6	20015.1	-4283.4
	1107	7581.2	1069.9	4700.7	10043.6	-1392.4
Min	1109	2793.9	964.2	8960.5	10886.2	-7128.1
	Cent	-8246.6	-24483.4	-483.3	-8232.2	-24497.7
	654	-17140.2	-23169.1	-570.8	-17086.6	-23222.6
	644	-1158.9	-31386.7	-373.5	-1154.3	-31391.3

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.71		1107	-24438.6	-32450.7	-412.1	-24417.5	-32471.8
-2.94		1109	-1770.0	-15658.6	-675.8	-1737.2	-15691.4
-2.78							

	NODE	Vxx	Vyy
Max	Cent	2.2	3.5
	654	1.1	3.5
	644	1.1	4.9
	1107	23.5	4.9
Min	1109	23.5	3.5
	Cent	-11.1	-11.7
	654	-34.6	-10.2
	644	-34.6	-14.8
	1107	-6.4	-14.8
1109	-6.4	-10.2	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	4.8	19.8	1174.4	1186.7	-1162.1
45.18			654	6.0	12.5	1174.4	1183.6	-1165.1
45.08			644	6.0	28.6	1174.4	1191.7	-1157.1
45.28			1107	16.0	28.6	1174.4	1196.7	-1152.1
45.15			1109	16.0	12.5	1174.4	1188.7	-1160.1
44.96		Min	Cent	-1521.1	-966.5	-7.8	-966.4	-1521.2
-89.20			654	-2001.0	-901.5	-7.8	-901.5	-2001.1
-89.60			644	-2001.0	-1031.8	-7.8	-1031.7	-2001.1
-89.54			1107	-1067.1	-1031.8	-7.8	-1030.1	-1068.8
-78.17			1109	-1067.1	-901.5	-7.8	-901.2	-1067.5
-87.33								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	6266.7	581.5	9907.1	13730.9	-6882.7
37.00		654	657.5	1258.5	13344.2	14305.6	-12389.5
45.65		644	15987.7	974.2	9245.2	20390.0	-3428.1
25.46		1107	10852.2	1542.7	4259.0	12506.6	-111.7
21.23		1109	3050.4	698.4	8348.5	10305.2	-6556.5
40.99	Min	Cent	-7782.0	-24040.3	-427.6	-7770.8	-24051.6
-1.51		654	-15685.4	-20725.4	-501.9	-15635.9	-20774.9
-5.63		644	-958.0	-30912.7	-356.4	-953.8	-30917.0
-0.68		1107	-23068.8	-31221.0	-286.0	-23058.7	-31231.0
-2.01		1109	-895.1	-15233.5	-490.8	-878.4	-15250.3
-1.96							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	2.1	3.2
	654	1.0	3.3
	644	1.0	4.6
	1107	22.3	4.6
Min	1109	22.3	3.3
	Cent	-13.6	-13.1
	654	-32.6	-10.4
	644	-32.6	-17.4
	1107	-9.1	-17.4
	1109	-9.1	-10.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.54	pp	Cent	-4486.8	-2703.5	3310.8	-166.4	-7023.9
58.46		654	-5895.8	-2534.9	3310.8	-502.5	-7928.2
57.27		644	-5895.8	-2872.1	3310.8	-744.3	-8023.5
45.89		1107	-3077.8	-2872.1	3310.8	337.4	-6287.3
47.34		1109	-3077.8	-2534.9	3310.8	515.5	-6128.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.00	Cent	-12208.8	-66302.2	28009.9	-318.7	-78192.3
40.96	654	-43412.1	-53991.4	37274.8	-11053.4	-86350.1
11.29	644	36610.2	-87077.6	25730.3	41749.2	-92216.6
15.71	1107	-48474.9	-88996.2	12379.1	-44992.5	-92478.7
24.50	1109	6441.6	-35143.6	23923.6	17345.5	-46047.6

	NODE	Vxx	Vyy
	Cent	-23.6	-19.1
	654	-96.3	-14.2
	644	-96.3	-24.1
	1107	49.1	-24.1
	1109	49.1	-14.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
25.37	vento -y	Cent	83.1	27.6	33.9	99.1	11.5
18.35		654	105.7	14.7	33.9	117.0	3.5
23.06		644	105.7	40.5	33.9	120.2	26.1
36.84		1107	60.4	40.5	33.9	85.8	15.1
28.03		1109	60.4	14.7	33.9	78.4	-3.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
82.09		Cent	-3082.5	-2067.3	143.8	-2047.3	-3102.5
9.69		654	-1352.0	-1938.8	103.3	-1334.4	-1956.5
-88.45		644	-4141.6	-523.0	-98.1	-520.3	-4144.3
89.43		1107	-6061.2	-4011.3	20.3	-4011.1	-6061.4
11.74		1109	-775.2	-1796.0	221.7	-729.1	-1842.1

NODE	Vxx	Vyy
Cent	4.4	2.5
654	3.4	-0.0
644	3.4	4.9
1107	5.4	4.9
1109	5.4	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.87	cedime~1	Cent	35.5	33.7	204.4	239.0	-169.8
40.97		654	50.2	-7.6	204.4	227.7	-185.1
46.74		644	50.2	75.0	204.4	267.4	-142.1
48.78		1107	20.8	75.0	204.4	254.1	-158.3
43.01		1109	20.8	-7.6	204.4	211.5	-198.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-39.66		Cent	-7053.3	-7208.1	-410.1	-6713.3	-7548.1
-2.49		654	-1686.9	-4380.2	-117.4	-1681.8	-4385.3
-83.41		644	-10596.4	-5210.6	-630.6	-5137.8	-10669.2
-66.56		1107	-13836.1	-12167.6	-891.0	-11781.2	-14222.5
-4.31		1109	-2093.9	-7073.8	-377.8	-2065.4	-7102.3

NODE	Vxx	Vyy
Cent	10.8	7.1
654	9.7	4.2
644	9.7	10.1
1107	11.9	10.1
1109	11.9	4.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
55.23	perm	Cent	-1254.9	-643.8	819.0	-75.2	-1823.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

60.86		654	-1626.1	-613.3	819.0	-156.8	-2082.6
60.08		644	-1626.1	-674.3	819.0	-202.9	-2097.4
48.64		1107	-883.7	-674.3	819.0	46.7	-1604.7
49.69		1109	-883.7	-613.3	819.0	81.6	-1578.6

ANGLE NODE Mxx Myy Mxy Mmax Mmin

19.19	Cent	-766.4	-17985.8	6818.7	1606.6	-20358.9
34.30	654	-9685.3	-16725.7	8978.9	-3561.2	-22849.7
9.45	644	11942.4	-23965.4	6148.6	12966.0	-24989.0
12.72	1107	-7317.6	-20858.0	3220.7	-6590.6	-21585.1
22.16	1109	1994.9	-10394.3	6051.0	4459.8	-12859.3

NODE	Vxx	Vyy
Cent	-8.8	-8.7
654	-25.6	-6.4
644	-25.6	-11.1
1107	8.0	-11.1
1109	8.0	-6.4

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

48.43	INV TO~1	Max	Cent	-1202.8	-559.3	2673.0	1811.3	-3405.3
50.13			654	-1550.4	-575.3	2673.0	1649.8	-3609.3
50.38			644	-1550.4	-533.9	2673.0	1678.8	-3622.8
46.63			1107	-837.7	-533.9	2673.0	1991.5	-3051.4
46.36			1109	-837.7	-575.3	2673.0	1965.8	-2943.4
64.75		Min	Cent	-3345.6	-2042.7	790.2	-1670.0	-3848.0
73.75			654	-4391.3	-1918.2	790.2	-1680.3	-4697.1
72.25			644	-4391.3	-2175.3	790.2	-1922.4	-4718.8
47.95			1107	-2338.8	-2175.3	790.2	-1462.6	-3363.1
52.58			1109	-2338.8	-1918.2	790.2	-1306.0	-3386.4

ANGLE NODE Mxx Myy Mxy Mmax Mmin

29.78	Max	Cent	7693.6	-17200.8	21179.0	19812.3	-29319.4
41.96		654	-8797.6	-14821.4	28235.3	16586.0	-40205.0
17.41		644	33525.7	-22650.2	19534.7	39650.9	-28775.3
		1107	7332.9	-18775.3	9566.6	10463.1	-21905.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.12			1109	6112.9	-9092.6	18147.7	18186.1	-21165.8
33.63		Min	Cent	-18952.6	-58246.4	5756.0	-18126.8	-59072.3
8.16			654	-34511.5	-52384.2	8090.9	-31392.9	-55502.7
21.08			644	-218.5	-71548.0	5013.8	132.2	-71898.7
4.00			1107	-54145.9	-76834.0	1773.4	-54008.1	-76971.8
4.44			1109	-2488.5	-38607.2	4760.9	-1871.5	-39224.2
7.38								

	NODE	Vxx	Vyy
Max	Cent	4.9	3.1
	654	-14.4	2.6
	644	-14.4	5.5
	1107	51.6	5.5
	1109	51.6	2.6
Min	Cent	-27.2	-26.4
	654	-72.4	-20.5
	644	-72.4	-34.6
	1107	-4.2	-34.6
	1109	-4.2	-20.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.43	INV TO~2	Max	Cent	-1202.8	-559.3	4469.5	1811.3	-3405.3
50.13			654	-1550.4	-575.3	4469.5	1649.8	-3609.3
50.38			644	-1550.4	-533.9	4469.5	1678.8	-3622.8
46.63			1107	-837.7	-533.9	4469.5	1991.5	-3051.4
46.36			1109	-837.7	-575.3	4469.5	1965.8	-2943.4
64.75		Min	Cent	-6057.2	-3649.7	790.2	-1670.0	-9482.2
73.75			654	-7959.3	-3422.1	790.2	-1680.3	-10703.0
72.25			644	-7959.3	-3877.3	790.2	-1922.4	-10831.8
47.95			1107	-4155.0	-3877.3	790.2	-1462.6	-8487.8
52.58			1109	-4155.0	-3422.1	790.2	-1306.0	-8273.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
29.78		Max	Cent	7693.6	-17200.8	37813.3	19812.3	-29319.4
41.96			654	-8797.6	-14821.4	50321.0	16586.0	-40205.0
11.29			644	49423.7	-22650.2	34735.9	56361.5	-28775.3
18.12			1107	7332.9	-18775.3	16711.8	10463.1	-21905.5
24.50			1109	8696.1	-9092.6	32296.9	23416.5	-21165.8
8.16		Min	Cent	-18952.6	-89508.0	5756.0	-18126.8	-105559.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

21.08	654	-58606.3	-72888.4	8090.9	-31392.9	-116572.6
4.00	644	-218.5	-117554.7	5013.8	132.2	-124492.5
15.71	1107	-65441.2	-120144.9	1773.4	-60739.8	-124846.3
7.38	1109	-2488.5	-47443.8	4760.9	-1871.5	-62164.2

	NODE	Vxx	Vyy
Max	Cent	4.9	3.1
	654	-14.4	2.6
	644	-14.4	5.5
	1107	66.2	5.5
	1109	66.2	2.6
Min	Cent	-31.9	-26.4
	654	-130.0	-20.5
	644	-130.0	-34.6
	1107	-4.2	-34.6
	1109	-4.2	-20.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
768	1	2	c mob-a	Max	Cent	28.4	15.4	1350.8	1372.7	-1329.0
44.86					664	36.5	5.2	1350.8	1371.8	-1330.1
44.67					654	36.5	27.4	1350.8	1382.8	-1318.9
44.90					1109	20.6	27.4	1350.8	1374.8	-1326.8
45.07					1111	20.6	5.2	1350.8	1363.8	-1338.0
44.84				Min	Cent	-941.6	-475.7	-19.9	-474.8	-942.4
-87.55					664	-1112.2	-132.4	-19.9	-132.0	-1112.6
-88.83					654	-1112.2	-839.2	-19.9	-837.8	-1113.6
-85.84					1109	-783.3	-839.2	-19.9	-776.9	-845.6
-17.73					1111	-783.3	-132.4	-19.9	-131.8	-783.9
-88.25										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
46.15				Max	Cent	537.7	1574.4	12905.5	13972.0	-11859.9
47.69					664	982.8	3481.2	13283.9	15574.5	-11110.5
38.05					654	7752.3	1457.6	12715.3	17703.9	-8494.1
44.26					1109	1408.4	855.1	10742.3	11877.6	-9614.2
44.91					1111	3363.1	3293.0	11308.3	14636.4	-7980.3
-3.18				Min	Cent	-3694.2	-17096.5	-745.9	-3652.9	-17137.9
-4.51					664	-13479.4	-22058.1	-680.9	-13425.7	-22111.8
-1.94					654	-1536.1	-19795.9	-617.9	-1515.2	-19816.8
					1109	-10665.9	-17074.0	-735.8	-10582.5	-17157.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.47
-4.59

	NODE	Vxx	Vyy
Max	Cent	0.5	2.5
	664	1.2	2.9
	654	1.2	3.5
	1109	11.9	3.5
	1111	11.9	2.9
Min	Cent	-6.6	-11.1
	664	-21.9	-13.7
	654	-21.9	-10.2
	1109	-1.5	-10.2
	1111	-1.5	-13.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.84	c mob-b	Max	Cent	22.5	7.7	1300.1	1315.2	-1285.0
44.73			664	28.1	3.8	1300.1	1316.1	-1284.2
44.82			654	28.1	12.0	1300.1	1320.2	-1280.1
44.94			1109	17.2	12.0	1300.1	1314.7	-1285.5
44.85			1111	17.2	3.8	1300.1	1310.6	-1289.6
-89.22		Min	Cent	-928.4	-443.1	-6.6	-443.0	-928.5
-89.61			664	-1093.4	-116.1	-6.6	-116.1	-1093.4
-88.79			654	-1093.4	-782.8	-6.6	-782.7	-1093.5
-21.15			1109	-768.4	-782.8	-6.6	-765.8	-785.3
-89.42			1111	-768.4	-116.1	-6.6	-116.1	-768.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
45.35	Max	Cent	754.5	1056.6	12241.0	13147.5	-11336.4	
46.53			664	953.0	2309.0	12653.0	-11040.2	
37.79			654	7612.9	1414.6	12047.5	16953.5	-7926.0
43.03			1109	2051.8	653.6	10124.8	11501.7	-8796.2
43.92			1111	3104.0	2293.0	10727.9	13434.1	-8037.0
-3.50	Min	Cent	-3265.6	-14721.2	-704.3	-3222.5	-14764.3	
-7.72			664	-12901.5	-17956.8	-698.6	-12806.8	-18051.5
-2.09			654	-1136.7	-17626.8	-602.0	-1114.8	-17648.7
-5.36			1109	-9987.9	-16990.3	-662.2	-9925.9	-17052.4
-5.04			1111	-798.8	-8809.7	-712.6	-735.9	-8872.6

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
Max   Cent      0.4      2.1
      664      1.3      2.2
      654      1.3      3.3
      1109     11.0     3.3
      1111     11.0     2.2
Min   Cent     -7.1     -10.6
      664     -21.3    -11.6
      654     -21.3    -10.4
      1109     -1.8    -10.4
      1111     -1.8    -11.6
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.81	pp	Cent	-2732.8	-1232.2	3647.1	1741.0	-5706.0
55.92		664	-3203.2	-280.4	3647.1	2187.2	-5670.8
48.98		654	-3203.2	-2184.1	3647.1	988.9	-6376.2
45.31		1109	-2262.3	-2184.1	3647.1	1424.1	-5870.5
52.60		1111	-2262.3	-280.4	3647.1	2508.0	-5050.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
35.35	Cent	-8436.2	-32655.9	34587.0	16099.7	-57191.8
45.99	664	-37922.9	-35459.8	35652.3	-1017.7	-72364.9
23.77	654	21275.8	-41053.8	34060.2	36277.5	-56055.4
36.93	1109	-24738.0	-41379.5	28735.8	-3142.5	-62975.0
35.72	1111	7640.3	-12730.7	30328.0	29447.5	-34537.8

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-----
NODE   Vxx   Vyy
Cent   -17.3  -17.9
664    -62.1  -21.7
654    -62.1  -14.2
1109   27.4  -14.2
1111   27.4  -21.7
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
30.84	vento -y	Cent	59.7	6.6	49.2	89.1	-22.8
28.94		664	64.9	3.1	49.2	92.2	-24.1
30.44		654	64.9	10.0	49.2	93.9	-18.9
32.88		1109	54.4	10.0	49.2	86.2	-21.8
31.25		1111	54.4	3.1	49.2	84.3	-26.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
6.32          Cent      -721.2   -1906.2   132.8    -706.5   -1920.9
-0.06          664     -1040.7  -3302.2    -2.4    -1040.7  -3302.2
5.93          654     -833.4   -1835.1   105.3    -822.4   -1846.1
12.10         1109    -1144.9  -1869.9   163.0    -1109.9  -1904.9
4.18          1111     134.3    -617.6    55.3     138.3    -621.7
    
```

```

-----
NODE      Vxx      Vyy
-----
Cent      0.6      -2.0
664       0.1      -3.9
654       0.1      -0.0
1109      1.1      -0.0
1111      1.1      -3.9
    
```

```

-----
ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
cedime~1   Cent      40.4      -2.0      254.0     274.1     -235.7
42.62      664       30.0       2.8      254.0     270.7     -238.0
43.47      654       30.0      -6.7      254.0     266.3     -243.0
42.94      1109      50.7      -6.7      254.0     277.7     -233.6
41.78      1111      50.7       2.8      254.0     281.9     -228.4
42.30
    
```

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-----
ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
Cent      -1793.0  -5194.6   364.8    -1754.4  -5233.3
6.05      664      -2277.3  -6030.3   410.0    -2233.0  -6074.5
6.16      654      -1147.3  -4272.3   316.9    -1115.4  -4304.1
5.73      1109     -3427.4  -7340.5    41.1    -3427.0  -7340.9
0.60      1111     -320.2   -3135.5   134.2    -313.8   -3141.9
2.72
    
```


```

-----
NODE      Vxx      Vyy
-----
Cent      0.8       0.1
664      -0.8      -4.0
654      -0.8       4.2
1109      2.3       4.2
1111      2.3      -4.0
    
```

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-----
ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
perm       Cent     -775.2   -295.4    898.4     394.6    -1465.1
52.48      664     -913.7   -73.4     898.4     498.3    -1485.3
57.53
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

51.22	654	-913.7	-517.4	898.4	204.4	-1635.5
46.90	1109	-636.7	-517.4	898.4	323.3	-1477.4
53.70	1111	-636.7	-73.4	898.4	586.5	-1296.5

ANGLE NODE Mxx Myy Mxy Mmax Mmin

31.19	Cent	-1740.7	-10956.2	8804.3	3588.7	-16285.7
40.31	664	-9960.2	-12932.6	9001.1	-2323.5	-20569.4
20.49	654	6216.0	-13545.4	8581.1	9422.1	-16751.5
32.71	1109	-5021.4	-11797.6	7407.3	-264.1	-16554.9
32.42	1111	1802.7	-5549.4	7827.3	6774.2	-10520.9

NODE	Vxx	Vyy
Cent	-5.5	-7.2
664	-16.8	-8.0
654	-16.8	-6.4
1109	5.7	-6.4
1111	5.7	-8.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

47.02	INV TO~1	Max	Cent	-696.5	-274.6	2976.0	2496.9	-2524.8
48.69			664	-834.4	-63.6	2976.0	2551.8	-2722.5
46.67			654	-834.4	-480.4	2976.0	2320.3	-2984.4
45.34			1109	-558.1	-480.4	2976.0	2453.6	-2544.0
47.37			1111	-558.1	-63.6	2976.0	2675.4	-2104.2
61.23		Min	Cent	-2046.3	-939.5	871.5	-459.1	-3470.0
70.57			664	-2415.1	-252.2	871.5	55.3	-3449.9
56.85			654	-2415.1	-1657.0	871.5	-1081.1	-3641.9
45.72			1109	-1694.1	-1657.0	871.5	-800.5	-3498.8
64.80			1111	-1694.1	-252.2	871.5	157.9	-3297.1

ANGLE NODE Mxx Myy Mxy Mmax Mmin

40.61	Max	Cent	-722.2	-8830.8	26591.6	21761.8	-31314.8
45.21		664	-8633.4	-8233.0	27344.4	18501.9	-35368.3
30.62		654	16681.6	-11577.6	26063.6	31921.0	-26817.0
39.58		1109	-2251.5	-10643.2	21950.6	15860.3	-28755.0
		1111	6342.9	-1103.8	23227.8	26011.3	-20772.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

40.42								
		Min	Cent	-8521.0	-39231.2	7797.4	-6486.5	-41265.8
14.00				664	-30434.7	-48741.3	8058.0	-27118.4
21.39				654	2995.0	-44542.2	7746.9	4325.7
9.37				1109	-22847.8	-42188.0	6414.1	-20891.2
16.86				1111	192.7	-22839.8	6788.6	2113.3
15.51								

		NODE	Vxx	Vyy
Max	Cent		-4.0	-3.8
		664	-15.0	-4.1
		654	-15.0	2.6
		1109	24.2	2.6
		1111	24.2	-4.1
Min	Cent		-15.2	-22.1
		664	-47.1	-30.5
		654	-47.1	-20.5
		1109	3.2	-20.5
		1111	3.2	-30.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	-696.5	-274.6	4923.6	2496.9	-2524.8
47.02				664	-834.4	-63.6	4923.6	2952.8
55.92				654	-834.4	-480.4	4923.6	2320.3
46.67				1109	-558.1	-480.4	4923.6	2453.6
45.34				1111	-558.1	-63.6	4923.6	3385.9
52.60		Min	Cent	-3689.2	-1663.5	871.5	-459.1	-7703.1
61.23				664	-4324.4	-378.5	871.5	55.3
70.57				654	-4324.4	-2948.5	871.5	-1081.1
56.85				1109	-3054.1	-2948.5	871.5	-800.5
45.72				1111	-3054.1	-378.5	871.5	157.9
64.80								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	-722.2	-8830.8	46692.5	21761.8	-31314.8
40.61				664	-8633.4	-8233.0	48130.7	18501.9
45.21				654	28722.4	-11577.6	45981.2	48974.6
23.77				1109	-2251.5	-10643.2	38793.3	15860.3
39.58				1111	10314.4	-1103.8	40942.7	39754.1
35.72		Min	Cent	-11388.8	-44085.5	7797.4	-6486.5	-77208.9
14.00				664	-51195.9	-48741.3	8058.0	-27118.4
21.39								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

9.37	654	2995.0	-55422.6	7746.9	4325.7	-75674.9
16.86	1109	-33396.3	-55862.3	6414.1	-20891.2	-85016.2
15.51	1111	192.7	-22839.8	6788.6	2113.3	-46626.1

	NODE	Vxx	Vyy
Max	Cent	-4.0	-3.8
	664	-15.0	-4.1
	654	-15.0	2.6
	1109	37.0	2.6
Min	1111	37.0	-4.1
	Cent	-23.4	-24.2
	664	-83.8	-30.5
	654	-83.8	-20.5
	1109	3.2	-20.5
	1111	3.2	-30.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
810	2	12	c mob-a	Max	Cent	68.1	17.8	27.7	80.3	5.6
23.87					1023	33.1	42.8	28.2	66.6	9.3
49.84					815	32.9	6.9	27.1	50.0	-10.1
32.17					1024	127.2	6.8	27.1	133.1	1.0
12.12					1022	126.9	41.7	28.2	135.4	33.2
16.76				Min	Cent	-14.2	-1.9	-5.4	0.2	-16.2
-69.29					1023	-7.1	-5.0	-5.5	-0.5	-11.7
-50.60					815	-7.3	-7.8	-5.3	-2.2	-12.9
-43.53					1024	-24.7	-6.8	-5.3	-5.4	-26.2
-74.59					1022	-24.7	-4.8	-5.5	-3.4	-26.1
-75.52										
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	0.8	2.8	6.5	8.4	-4.8
49.46					1023	63.9	8.2	5.8	64.5	7.6
5.88					815	22.3	3.3	4.7	23.4	2.2
13.18					1024	2.1	13.0	4.8	14.9	0.3
69.30					1022	8.8	2.1	5.2	11.7	-0.8
28.63				Min	Cent	-3.2	-0.4	-19.1	17.4	-21.0
-47.10					1023	-20.5	-4.9	-18.8	7.6	-33.0
-56.27					815	-71.6	-7.3	-16.8	-3.2	-75.7
-76.19					1024	-12.7	-1.7	-13.3	7.2	-21.6
-56.28					1022	-1.3	-3.8	-13.7	11.2	-16.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.49

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1023	0.1	0.0
	815	0.1	0.0
	1024	0.0	0.0
	1022	0.0	0.0
Min	Cent	-0.0	-0.0
	1023	-0.0	-0.0
	815	-0.0	-0.0
	1024	-0.0	-0.0
	1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
23.41	c mob-b	Max	Cent	141.9	34.4	57.3	166.7	9.6
50.12			1023	58.3	79.4	58.6	128.4	9.3
33.43			815	57.7	9.9	55.9	94.6	-27.1
12.66			1024	246.7	10.0	56.0	259.3	-2.6
17.39			1022	246.1	77.5	58.5	264.4	59.2
-69.23		Min	Cent	-11.5	-1.2	-4.6	0.5	-13.2
-58.90			1023	-8.0	-3.1	-4.6	-0.4	-10.7
-26.22			815	-8.1	-15.1	-4.5	-5.9	-17.3
-61.72			1024	-19.2	-13.2	-4.5	-10.8	-21.6
-75.16			1022	-19.1	-3.1	-4.6	-1.8	-20.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
60.67	Max	Cent	0.6	6.6	4.9	-2.1	
2.29		1023	129.7	16.0	4.6	129.9	
12.62		815	18.8	3.0	3.7	19.6	
81.39		1024	1.8	25.5	3.7	26.0	
12.51		1022	23.7	6.0	4.1	24.6	
-47.13		Min	Cent	-5.9	-0.3	-37.8	34.8
-49.99			1023	-17.4	-4.4	-36.8	26.5
-76.67			815	-144.9	-15.1	-32.6	-7.4
-59.79			1024	-31.1	-1.2	-26.3	14.1
-42.46			1022	-1.6	-6.4	-27.1	23.2

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	1023	0.3	0.0
	815	0.3	0.0
	1024	0.1	0.0
	1022	0.1	0.0
Min	Cent	-0.0	-0.0
	1023	-0.0	-0.0
	815	-0.0	-0.0
	1024	-0.0	-0.0
	1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.08	pp	Cent	103.7	30.7	35.5	118.1	16.3
67.10		1023	0.2	72.6	37.2	88.3	-15.5
40.46		815	-0.6	-11.4	33.7	28.2	-40.1
8.68		1024	206.4	-9.6	33.8	211.5	-14.8
14.41		1022	205.8	70.9	37.1	215.4	61.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.55	Cent	-0.8	2.5	-30.6	31.5	-29.8
-11.54	1023	126.9	0.3	-27.0	132.4	-5.2
-76.37	815	-122.7	-6.4	-29.9	0.8	-129.9
-62.25	1024	-13.1	18.1	-22.7	30.1	-25.0
-38.76	1022	5.9	-1.4	-16.5	19.1	-14.6

NODE	Vxx	Vyy
Cent	0.2	-0.0
1023	0.3	-0.1
815	0.3	-0.0
1024	0.0	0.0
1022	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
25.24	vento -y	Cent	0.8	0.4	0.2	0.9	0.3
79.12		1023	-0.2	1.1	0.3	1.2	-0.3
36.19		815	-0.2	-0.4	0.2	-0.1	-0.5
5.61		1024	1.7	-0.3	0.2	1.8	-0.3
19.42		1022	1.7	1.1	0.3	1.8	1.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.13	Cent	-0.1	0.0	-0.2	0.2	-0.2
-21.51	1023	0.3	-0.1	-0.2	0.4	-0.2
-69.09	815	-0.5	0.0	-0.2	0.1	-0.5
-66.56	1024	0.0	0.3	-0.1	0.3	-0.0
-45.72	1022	-0.2	-0.2	-0.1	-0.0	-0.3

NODE	Vxx	Vyy
Cent	0.0	-0.0
1023	0.0	-0.0
815	0.0	-0.0
1024	-0.0	-0.0
1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
15.81	cedime~1	Cent	19.9	4.6	4.7	21.2	3.2
77.81		1023	-11.9	10.0	4.9	11.0	-12.9
70.71		815	-12.1	-0.8	4.5	0.7	-13.7
4.91		1024	51.4	-0.6	4.5	51.8	-1.0
6.69		1022	51.3	9.7	4.9	51.8	9.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-48.05	Cent	-1.2	0.6	-8.5	8.2	-8.9
-17.09	1023	30.0	6.2	-8.1	32.5	3.7
-77.20	815	-32.9	-4.7	-6.8	-3.2	-34.5
-58.01	1024	-4.1	1.9	-6.1	5.7	-7.9
-38.61	1022	2.1	-0.9	-6.6	7.3	-6.1

NODE	Vxx	Vyy
Cent	0.0	-0.0
1023	0.1	-0.0
815	0.1	-0.0
1024	0.0	0.0
1022	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
21.70	perm	Cent	56.8	15.3	19.6	64.6	7.5
65.04		1023	1.9	36.4	20.5	46.0	-7.6
39.41		815	1.5	-5.9	18.7	16.9	-21.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.95			1024	111.3	-5.0	18.8	114.3	-8.0
14.25			1022	111.0	35.6	20.5	116.2	30.4
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-49.00			Cent	-2.8	2.0	-17.3	17.1	-17.9
-16.66			1023	58.5	6.9	-17.0	63.6	1.8
-76.46			815	-65.5	-6.7	-15.0	-3.1	-69.1
-63.75			1024	-8.1	10.4	-12.1	16.4	-14.0
-38.14			1022	3.7	-2.3	-12.4	13.5	-12.1
			NODE	Vxx	Vyy			

			Cent	0.1	-0.0			
			1023	0.1	-0.0			
			815	0.1	-0.0			
			1024	0.0	-0.0			
			1022	0.0	-0.0			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

22.59	INV TO~1	Max	Cent	268.3	66.3	101.7	310.6	24.0
56.05			1023	80.6	153.7	104.6	224.0	7.7
34.56			815	79.4	7.4	98.8	144.3	-32.2
11.03			1024	495.8	8.4	98.9	515.1	-11.2
15.61			1022	494.6	150.0	104.4	523.7	120.8
22.32		Min	Cent	37.7	12.7	12.3	42.8	7.7
72.91			1023	-20.7	29.7	13.1	33.8	-25.7
40.10			815	-21.6	-27.1	11.5	-8.1	-66.4
6.47			1024	77.9	-23.5	11.6	79.2	-25.1
14.12			1022	77.7	29.1	13.1	81.0	25.8
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-47.64		Max	Cent	-1.8	11.5	-8.6	72.2	-6.1
-4.28			1023	263.6	34.6	-9.1	264.9	33.3
-76.19			815	-35.5	-2.2	-8.7	-0.1	-37.6
-78.68			1024	-5.2	46.7	-5.6	49.0	-5.8
-41.02			1022	37.8	5.8	-5.4	52.1	4.8
		Min	Cent	-12.1	1.5	-76.9	15.2	-82.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-63.31							
		1023	30.9	0.3	-74.8	84.0	-52.8
-38.53							
		815	-294.1	-31.8	-65.8	-16.3	-309.7
-76.68							
		1024	-54.2	8.2	-53.7	34.8	-84.6
-60.73							
		1022	1.6	-11.9	-55.7	36.7	-60.3
-9.86							

	NODE	Vxx	Vyy
Max	Cent	0.3	-0.0
	1023	0.6	-0.0
	815	0.6	-0.0
	1024	0.1	0.0
	1022	0.1	-0.0
Min	Cent	0.0	-0.1
	1023	0.1	-0.1
	815	0.1	-0.1
	1024	0.0	-0.0
	1022	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	268.3	66.3	101.7	310.6	24.0
22.59			1023	80.6	153.7	104.6	224.0	7.7
56.05			815	79.4	7.4	98.8	144.3	-32.2
34.56			1024	495.8	8.4	98.9	515.1	-11.2
11.03			1022	494.6	150.0	104.4	523.7	120.8
15.61		Min	Cent	37.7	12.7	12.3	42.8	7.7
22.32			1023	-20.7	29.7	13.1	33.8	-25.7
72.91			815	-21.6	-27.1	11.5	-8.1	-66.4
40.10			1024	77.9	-23.5	11.6	79.2	-25.1
6.47			1022	77.7	29.1	13.1	81.0	25.8
14.12								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	-1.1	11.5	-8.6	72.2	-6.1
-47.64		1023	263.6	34.6	-9.1	264.9	33.3
-4.28		815	-35.5	-2.2	-8.7	1.1	-37.6
-76.37		1024	-5.2	46.7	-5.6	49.0	-5.8
-78.68		1022	37.8	5.8	-5.4	52.1	4.8
-41.02	Min	Cent	-12.1	1.5	-76.9	15.2	-82.2
-63.31		1023	30.9	0.3	-74.8	84.0	-52.8
-38.53		815	-294.1	-31.8	-65.8	-16.3	-309.7
-76.68							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.73	1024	-54.2	8.2	-53.7	34.8	-84.6
-38.76	1022	1.6	-11.9	-55.7	25.8	-60.3

	NODE	Vxx	Vyy
Max	Cent	0.3	-0.0
	1023	0.6	-0.0
	815	0.6	-0.0
	1024	0.1	0.0
	1022	0.1	-0.0
Min	Cent	0.0	-0.1
	1023	0.1	-0.1
	815	0.1	-0.1
	1024	0.0	-0.0
	1022	0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
828	2	12	c mob-a	Max	Cent	49.8	21.8	0.1	49.8	21.8
0.25					785	11.1	1.3	0.1	11.1	1.3
0.70					818	11.1	43.5	0.1	43.5	11.1
89.79					817	88.6	43.5	0.1	88.6	43.5
0.15					816	88.6	1.3	0.1	88.6	1.3
0.08				Min	Cent	-0.3	-0.3	-18.9	18.6	-19.2
-45.02					785	-0.3	-1.3	-18.9	18.1	-19.7
-44.21					818	-0.3	-0.4	-18.9	18.6	-19.3
-44.87					817	-0.5	-0.4	-18.9	18.4	-19.4
-45.08					816	-0.5	-1.3	-18.9	18.0	-19.8
-44.41										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	1.0	1.9	12.2	13.6	-10.7
46.04		785	2.7	0.7	12.1	13.8	-10.4
42.56		818	53.3	3.8	11.7	55.9	1.2
12.62		817	15.6	1.4	7.9	19.1	-2.2
24.00		816	0.1	5.4	8.3	11.5	-5.9
53.89	Min	Cent	-0.0	-0.0	-0.9	0.9	-0.9
-45.11		785	-51.7	-2.4	-0.5	-2.4	-51.7
-89.43		818	-2.2	-1.5	-0.7	-1.1	-2.7
-57.76		817	-0.1	-0.1	-1.0	0.8	-1.1
-45.05		816	-13.5	-0.1	-0.7	-0.1	-13.5
-87.19							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		785	0.0	0.0
		818	0.0	0.0
		817	0.0	0.0
		816	0.0	0.0
Min	Cent		-0.1	-0.0
		785	-0.1	-0.0
		818	-0.1	-0.0
		817	-0.0	-0.0
		816	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
0.20	c mob-b	Max	Cent	50.1	22.1	0.1	50.1	22.1	
0.63				785	11.5	2.5	0.1	11.5	2.5
89.82				818	11.5	43.9	0.1	43.9	11.5
0.13				817	88.8	43.9	0.1	88.8	43.9
0.07				816	88.8	2.5	0.1	88.8	2.5
-44.98		Min	Cent	-0.3	-0.3	-19.1	18.8	-19.3	
-44.36				785	-0.2	-1.1	-19.1	18.4	-19.7
-44.88				818	-0.2	-0.4	-19.1	18.7	-19.4
-45.02				817	-0.4	-0.4	-19.1	18.6	-19.5
-44.50				816	-0.4	-1.1	-19.1	18.3	-19.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin			
46.20	Max	Cent	1.0	2.1	13.0	14.5	-11.4		
42.44			785	2.9	0.7	12.6	14.5	-10.9	
12.91			818	55.5	4.5	12.3	58.3	1.7	
26.10			817	15.6	2.1	8.7	19.9	-2.2	
53.60			816	0.1	5.6	8.9	12.1	-6.4	
-46.00		Min	Cent	-0.1	-0.0	-1.2	1.1	-1.2	
-89.22				785	-54.2	-2.8	-0.7	-2.8	-54.2
-58.47				818	-2.5	-1.5	-1.0	-0.9	-3.1
-45.12				817	-0.1	-0.1	-1.1	1.0	-1.3
-86.55				816	-13.6	-0.1	-0.8	-0.0	-13.7

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		785	0.0	0.0
		818	0.0	0.0

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817	0.0	0.0
816	0.0	0.0
Min Cent	-0.1	-0.0
785	-0.1	-0.0
818	-0.1	-0.0
817	-0.0	-0.0
816	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-26.16	pp	Cent	157.7	65.6	-59.7	187.0	36.3
-36.28		785	33.7	-3.8	-59.7	77.5	-47.6
-65.16		818	33.7	134.9	-59.7	162.6	6.1
-19.55		817	281.8	134.9	-59.7	302.9	113.7
-11.34		816	281.8	-3.8	-59.7	293.7	-15.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

46.10	Cent	3.0	5.6	32.8	37.1	-28.5
76.71	785	-141.5	-7.1	33.6	0.9	-149.4
12.41	818	148.0	10.9	31.7	155.0	4.0
20.61	817	46.3	-0.3	20.4	54.0	-8.0
71.50	816	-40.6	18.7	22.4	26.2	-48.1

NODE	Vxx	Vyy
Cent	-0.2	-0.0
785	-0.3	0.0
818	-0.3	-0.0
817	-0.1	-0.0
816	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-25.91	vento -y	Cent	1.8	0.7	-0.7	2.2	0.4
-35.67		785	0.4	-0.1	-0.7	0.9	-0.6
-64.79		818	0.4	1.5	-0.7	1.9	0.1
-19.49		817	3.3	1.5	-0.7	3.5	1.3
-11.31		816	3.3	-0.1	-0.7	3.4	-0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

45.19	Cent	0.0	0.1	0.4	0.4	-0.3

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	Company		Client	
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76.20		785	-1.5	-0.0	0.4	0.1	-1.6
12.72		818	1.6	0.0	0.4	1.6	-0.0
23.97		817	0.4	0.0	0.2	0.5	-0.1
68.34		816	-0.3	0.2	0.3	0.3	-0.4

NODE	Vxx	Vyy
Cent	-0.0	-0.0
785	-0.0	0.0
818	-0.0	-0.0
817	-0.0	-0.0
816	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
55.05	cedime~1	Cent	-42.5	-30.6	16.2	-19.3	-53.9
47.86		785	-10.1	-6.9	16.2	7.8	-24.8
18.13		818	-10.1	-54.4	16.2	-4.8	-59.7
61.15		817	-74.9	-54.4	16.2	-45.5	-83.9
77.25		816	-74.9	-6.9	16.2	-3.2	-78.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-25.38	Cent	-2.5	-4.1	-1.0	-2.0	-4.6
-13.66	785	11.4	-2.6	-3.6	12.2	-3.5
-85.95	818	-15.6	6.0	-1.5	6.1	-15.7
82.40	817	-18.4	-8.1	1.4	-7.9	-18.6
-1.59	816	12.7	-11.8	-0.7	12.7	-11.8

NODE	Vxx	Vyy
Cent	0.0	0.0
785	0.0	0.0
818	0.0	0.0
817	0.0	0.0
816	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-27.01	perm	Cent	60.8	27.2	-23.1	72.6	15.4
-36.59		785	13.9	-0.1	-23.1	31.1	-17.3
-65.58		818	13.9	54.4	-23.1	64.9	3.4
-20.51		817	107.6	54.4	-23.1	116.3	45.7

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			816	107.6	-0.1	-23.1	112.4	-4.8
-11.63								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	1.2	2.3	14.5	16.3	-12.8	
46.05		785	-61.5	-2.5	14.6	0.9	-64.9	
76.86		818	63.7	3.7	14.0	66.8	0.6	
12.47		817	18.3	1.2	9.3	22.3	-2.9	
23.68		816	-15.6	6.9	9.9	10.6	-19.3	
69.31								
		NODE	Vxx	Vyy				

		Cent	-0.1	-0.0				
		785	-0.1	0.0				
		818	-0.1	-0.0				
		817	-0.0	-0.0				
		816	-0.0	0.0				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	128.4	57.0	-6.7	135.1	50.3
-16.40			785	29.5	3.3	-6.7	55.3	-5.5
-40.52			818	29.5	113.7	-6.7	119.5	23.6
-75.68			817	227.5	113.7	-6.7	232.0	109.2
-11.00			816	227.5	3.3	-6.7	229.8	0.9
-5.79		Min	Cent	17.8	-3.9	-48.9	41.4	-27.4
-35.82			785	3.4	-8.7	-48.9	21.2	-43.6
-15.21			818	3.4	-0.6	-48.9	34.1	-31.3
-43.23			817	31.9	-0.6	-48.9	52.1	-20.8
-31.75			816	31.9	-8.7	-48.9	50.1	-26.8
-29.04								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	2.6	5.1	32.0	35.9	-11.3
46.13			785	-46.2	-1.6	31.6	12.7	-60.2
65.76			818	138.7	15.8	30.6	145.6	8.4
12.71			817	39.3	4.0	22.5	49.2	-2.0
24.99			816	-2.7	14.4	21.9	26.0	-21.4
62.16		Min	Cent	-1.4	-1.9	12.0	10.3	-30.5
44.46			785	-134.7	-8.9	10.0	-8.0	-136.1

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85.04							
		818	44.8	1.6	11.1	47.8	-1.0
15.45							
		817	-0.3	-7.2	7.7	6.0	-17.3
34.73							
		816	-34.0	-5.0	8.1	-1.7	-35.8
67.57							

	NODE	Vxx	Vyy
Max	Cent	-0.1	0.0
	785	-0.1	0.0
	818	-0.1	0.0
	817	-0.0	0.0
	816	-0.0	0.0
Min	Cent	-0.2	-0.0
	785	-0.3	0.0
	818	-0.3	-0.0
	817	-0.1	-0.0
	816	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	212.9	88.5	-6.7	252.5	50.3
-26.16			785	45.5	3.3	-6.7	104.6	-5.5
-36.28			818	45.5	182.2	-6.7	219.5	23.6
-65.16			817	380.4	182.2	-6.7	409.0	153.6
-19.55			816	380.4	3.3	-6.7	396.5	0.9
-11.34			Min	Cent	17.8	-3.9	-80.5	41.4
-35.82		785		3.4	-8.7	-80.5	21.2	-64.3
-15.21		818		3.4	-0.6	-80.5	34.1	-31.3
-43.23		817		31.9	-0.6	-80.5	52.1	-20.8
-31.75		816		31.9	-8.7	-80.5	50.1	-26.8
-29.04								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

		Max	Cent	4.1	7.5	44.3	50.1	-11.3
46.10			785	-46.2	-1.6	45.4	12.7	-60.2
65.76			818	199.8	15.8	42.8	209.2	8.4
12.41			817	62.5	4.0	27.6	72.9	-2.0
20.61			816	-2.7	25.3	30.2	35.4	-21.4
71.50			Min	Cent	-1.4	-1.9	12.0	10.3
44.46		785		-191.0	-9.5	10.0	-8.0	-201.7
85.04		818		44.8	1.6	11.1	47.8	-1.0
15.45		817		-0.3	-7.2	7.7	6.0	-17.3
34.73								

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Max	Cent	0.0	0.0
	885	0.0	0.0
	795	0.0	0.0
	886	0.0	0.0
	884	0.0	0.0
Min	Cent	-0.0	-0.0
	885	-0.0	-0.0
	795	-0.0	-0.0
	886	-0.0	-0.0
	884	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.83	c mob-b	Max Cent	325.7	32.0	4.3	325.7	32.0
0.70		885	348.2	0.1	4.3	348.3	0.0
0.94		795	348.2	87.3	4.3	348.3	87.3
0.95		886	343.3	87.3	4.3	343.4	87.3
0.71		884	343.3	0.1	4.3	343.4	0.0
-46.97		Min Cent	-1.0	-0.1	-6.9	6.4	-7.5
-34.72		885	-19.6	-24.8	-6.9	-14.8	-29.6
-72.28		795	-19.6	-0.2	-6.9	2.0	-21.8
-46.66		886	-1.0	-0.2	-6.9	6.3	-7.5
-15.07		884	-1.0	-24.8	-6.9	0.8	-26.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
51.48	Max Cent	3.7	7.0	7.2	12.7	-2.0	
29.22		885	12.3	2.9	7.6	16.5	-1.3
18.33		795	20.2	6.4	5.1	21.9	4.7
62.42		886	13.5	20.3	4.8	22.8	11.0
54.94		884	6.3	11.7	7.4	16.8	1.2
-57.68		Min Cent	-15.5	-3.3	-12.8	4.8	-23.6
-56.11		885	-13.9	-2.1	-14.4	7.5	-23.6
-75.79		795	-41.3	-8.4	-8.9	-6.1	-43.6
-72.13		886	-33.4	-10.7	-8.2	-8.0	-36.0
-50.22		884	-10.1	-5.1	-13.8	6.4	-21.6

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	885	0.0	0.0
	795	0.0	0.0
	886	0.0	0.0
	884	0.0	0.0

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Min	Cent	-0.0	-0.0
	885	-0.0	-0.0
	795	-0.0	-0.0
	886	-0.0	-0.0
	884	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.22	pp	Cent	620.5	58.8	-2.2	620.5	58.8
-0.21		885	555.2	-45.3	-2.2	555.2	-45.3
-0.32		795	555.2	162.9	-2.2	555.2	162.9
-0.24		886	685.9	162.9	-2.2	685.9	162.9
-0.17		884	685.9	-45.3	-2.2	685.9	-45.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
56.76	Cent	3.4	50.1	53.7	85.3	-31.8
62.89	885	-91.7	-6.5	59.1	23.7	-121.9
25.32	795	81.2	4.7	46.6	103.2	-17.3
62.10	886	-35.1	6.5	30.6	22.7	-51.3
73.87	884	59.1	195.7	43.1	208.1	46.6

NODE	Vxx	Vyy
Cent	-0.1	-0.2
885	-0.1	-0.3
795	-0.1	-0.1
886	0.0	-0.1
884	0.0	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.37	vento -y	Cent	12.1	1.2	-0.1	12.1	1.2
-0.34		885	10.7	-0.9	-0.1	10.7	-0.9
-0.54		795	10.7	3.4	-0.1	10.7	3.4
-0.39		886	13.5	3.4	-0.1	13.5	3.4
-0.28		884	13.5	-0.9	-0.1	13.5	-0.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
41.58	Cent	0.2	0.1	0.2	0.3	-0.0
23.60	885	0.3	-0.0	0.2	0.3	-0.1

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46.85	795	0.1	0.1	0.1	0.2	0.0
75.61	886	-0.1	0.4	0.2	0.5	-0.2
23.79	884	0.4	0.0	0.2	0.5	-0.1

NODE	Vxx	Vyy
Cent	0.0	-0.0
885	0.0	-0.0
795	0.0	-0.0
886	0.0	-0.0
884	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.77	cedime~1	Cent	-103.0	-8.9	0.4	-8.9	-103.0
89.82		885	-116.0	6.7	0.4	6.7	-116.0
89.76		795	-116.0	-24.4	0.4	-24.4	-116.0
89.67		886	-90.0	-24.4	0.4	-24.4	-90.0
89.78		884	-90.0	6.7	0.4	6.7	-90.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
21.04	Cent	2.5	-0.2	1.2	3.0	-0.7
43.17	885	-0.3	-0.5	1.4	1.0	-1.7
9.50	795	6.2	1.3	0.8	6.3	1.2
10.50	886	2.9	-1.1	0.8	3.0	-1.2
27.09	884	1.1	-0.7	1.3	1.8	-1.4

NODE	Vxx	Vyy
Cent	-0.0	0.0
885	-0.0	0.0
795	-0.0	0.0
886	-0.0	0.0
884	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.17	perm	Cent	229.7	19.6	-0.6	229.7	19.6
-0.16		885	220.2	-15.1	-0.6	220.2	-15.1
-0.22		795	220.2	54.2	-0.6	220.2	54.2
-0.20		886	239.2	54.2	-0.6	239.2	54.2
-0.14		884	239.2	-15.1	-0.6	239.2	-15.1

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
78.35		Cent	-6.9	-0.6	1.4	-0.3	-7.2
80.56		885	-7.4	-0.2	1.2	0.0	-7.6
80.31		795	-6.0	-0.1	1.0	0.1	-6.2
82.42		886	-9.2	-1.0	1.1	-0.8	-9.3
73.93		884	-5.1	-1.0	1.3	-0.6	-5.5
		NODE	Vxx	Vyy			
		Cent	0.0	0.0			
		885	-0.0	0.0			
		795	-0.0	-0.0			
		886	0.0	-0.0			
		884	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.48	INV TO~1 Max	Cent	669.3	62.8	5.5	669.4	62.8
0.42		885	690.2	-8.3	5.5	690.3	-8.4
0.57		795	690.2	172.1	5.5	690.3	172.1
0.55		886	702.7	172.1	5.5	702.8	172.1
0.41		884	702.7	-8.3	5.5	702.7	-8.4
-4.77	Min	Cent	124.7	10.6	-10.0	125.5	9.8
-4.55		885	77.7	-48.6	-10.0	78.4	-49.0
-10.84		795	77.7	29.5	-10.0	79.5	27.6
-4.62		886	147.2	29.5	-10.0	148.0	28.7
-2.89		884	147.2	-48.6	-10.0	147.7	-48.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.14	Max	Cent	0.6	8.9	12.3	17.6	-8.3
38.91		885	9.2	3.8	12.8	19.2	-5.3
22.52		795	27.4	9.9	8.8	31.1	6.2
64.25		886	11.9	26.4	8.4	29.4	7.9
55.38		884	4.6	14.7	12.5	22.7	-3.5
-62.15	Min	Cent	-27.8	-5.3	-15.9	2.5	-36.0
-62.12		885	-26.4	-3.5	-18.2	5.4	-36.2
		795	-61.8	-11.4	-11.0	-9.1	-64.1

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-78.21		886	-54.3	-16.5	-9.9	-14.2	-56.7
-76.15		884	-18.8	-8.5	-17.3	3.6	-31.5
-52.98							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	885	0.1	0.0
	795	0.1	0.0
	886	0.0	0.0
Min	884	0.0	0.0
	Cent	-0.0	-0.0
	885	-0.0	-0.0
	795	-0.0	-0.0
	886	-0.0	-0.0
	884	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-0.22	INV TO~2	Max	Cent	837.7	79.4	5.5	837.7	79.4
-0.21			885	749.5	-8.3	5.5	749.5	-8.4
-0.32			795	749.5	219.9	5.5	749.5	219.8
-0.24			886	925.9	219.9	5.5	925.9	219.9
-0.17			884	925.9	-8.3	5.5	925.9	-8.4
-4.77		Min	Cent	124.7	10.6	-10.0	125.5	9.8
-4.55			885	77.7	-61.1	-10.0	78.4	-61.1
-10.84			795	77.7	29.5	-10.0	79.5	27.6
-4.62			886	147.2	29.5	-10.0	148.0	28.7
-2.89			884	147.2	-61.1	-10.0	147.7	-61.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

56.76		Max	Cent	4.5	67.6	72.5	115.1	-8.3
62.89			885	9.2	3.8	79.8	32.0	-5.3
25.32			795	109.6	9.9	62.9	139.4	6.2
62.10			886	11.9	26.4	41.4	30.7	7.9
73.87			884	79.7	264.1	58.2	281.0	62.9
-62.15		Min	Cent	-27.8	-5.3	-15.9	2.5	-43.0
-62.12			885	-123.8	-8.8	-18.2	5.4	-164.6
-78.21			795	-61.8	-11.4	-11.0	-9.1	-64.1
-76.15			886	-54.3	-16.5	-9.9	-14.2	-69.3
-52.98			884	-18.8	-8.5	-17.3	3.6	-31.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	885	0.1	0.0
	795	0.1	0.0
	886	0.0	0.0
Min	884	0.0	0.0
	Cent	-0.1	-0.3
	885	-0.2	-0.4
	795	-0.2	-0.1
	886	-0.0	-0.1
	884	-0.0	-0.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
867	2	12	c mob-a	Max Cent	73.7	73.4	27.6	101.1	46.0
44.82				1021	62.9	141.6	27.6	150.3	54.2
72.50				814	62.9	15.3	27.6	75.5	2.7
24.62				1025	191.1	15.3	27.6	195.4	11.1
8.70				1020	191.1	141.6	27.6	203.4	129.3
24.02				Min Cent	-2.5	-5.9	-13.7	9.6	-18.1
-41.51				1021	-113.3	-13.0	-13.7	-11.1	-115.2
-82.34				814	-113.3	-8.8	-13.7	-7.1	-115.1
-82.63				1025	-21.9	-8.8	-13.7	-0.1	-30.6
-57.70				1020	-21.9	-13.0	-13.7	-3.0	-31.9
-53.97									

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	1.7	3.0	2.9	5.3	-0.6
	1021	114.3	8.9	2.2	114.4	8.8
	814	4.3	1.7	1.1	4.7	1.3
	1025	0.3	8.9	1.9	9.3	-0.1
Min	1020	62.3	7.3	3.0	62.4	7.2
	Cent	-1.0	-2.9	-19.0	17.0	-21.0
	1021	-3.0	-4.6	-17.8	14.0	-21.6
	814	-109.4	-5.5	-22.0	-1.0	-113.8
	1025	-68.4	-2.2	-13.1	0.3	-70.9
	1020	-1.0	-14.4	-9.9	4.2	-19.6

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	1021	0.2	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	814	0.2	0.0
	1025	0.1	0.0
	1020	0.1	0.0
Min	Cent	-0.0	-0.0
	1021	-0.0	-0.0
	814	-0.0	-0.0
	1025	-0.0	-0.0
	1020	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

37.96	c mob-b	Max Cent	95.2	71.0	48.3	132.9	33.3
47.96		1021	136.5	146.6	48.3	190.1	93.0
18.13		814	136.5	4.8	48.3	152.4	-11.1
13.31		1025	197.6	4.8	48.3	209.0	-6.7
31.08		1020	197.6	146.6	48.3	226.7	117.5
-35.80		Min Cent	-4.0	-12.6	-12.9	5.3	-22.0
-81.31		1021	-110.9	-28.2	-12.9	-26.2	-112.9
-82.77		814	-110.9	-10.5	-12.9	-8.9	-112.5
-71.51		1025	-44.9	-10.5	-12.9	-6.2	-49.2
-61.44		1020	-44.9	-28.2	-12.9	-21.1	-51.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

43.07	Max Cent	1.8	1.3	3.7	5.2	-2.2
1.83	1021	118.9	10.5	3.5	119.0	10.4
5.17	814	11.4	3.4	0.7	11.4	3.4
74.17	1025	0.9	7.7	2.1	8.3	0.3
6.47	1020	48.9	1.6	5.4	49.5	1.0
-42.84	Min Cent	-1.6	-4.8	-21.0	17.9	-24.3
-43.13	1021	-5.4	-8.0	-19.5	12.8	-26.2
-77.98	814	-112.7	-6.2	-23.8	-1.1	-117.8
-75.30	1025	-57.6	-5.4	-14.7	-1.5	-61.4
-26.01	1020	-2.7	-19.6	-10.8	2.6	-24.9

	NODE	Vxx	Vyy

Max	Cent	0.2	0.0
	1021	0.2	0.0
	814	0.2	0.0
	1025	0.1	0.0
	1020	0.1	0.0
Min	Cent	-0.0	-0.0
	1021	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

814 -0.0 -0.0
 1025 -0.0 -0.0
 1020 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

29.50	pp	Cent	118.3	50.5	56.4	150.3	18.6
45.60		1021	93.3	95.7	56.4	150.9	38.1
26.03		814	93.3	5.4	56.4	120.9	-22.2
19.64		1025	143.3	5.4	56.4	163.5	-14.8
33.56		1020	143.3	95.7	56.4	180.8	58.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-41.89	Cent	-0.3	-3.7	-15.7	13.8	-17.8
-8.12	1021	107.5	8.4	-14.4	109.5	6.3
-76.89	814	-94.8	-5.5	-22.0	-0.4	-100.0
-79.84	1025	-63.7	1.2	-12.0	3.3	-65.9
-3.69	1020	50.0	-18.9	-4.5	50.3	-19.1

NODE Vxx Vyy

 Cent 0.2 0.0
 1021 0.2 0.0
 814 0.2 0.0
 1025 0.1 0.0
 1020 0.1 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-64.94	vento -y	Cent	-2.3	2.0	-2.6	3.2	-3.5
-80.54		1021	-10.3	4.6	-2.6	5.1	-10.7
-76.00		814	-10.3	-0.7	-2.6	-0.0	-10.9
-19.36		1025	5.7	-0.7	-2.6	6.6	-1.6
-39.09		1020	5.7	4.6	-2.6	7.8	2.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

57.78	Cent	0.1	0.1	0.0	0.1	0.1
0.09	1021	0.5	-0.2	0.0	0.5	-0.2
-88.54	814	-0.4	0.1	-0.0	0.1	-0.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

84.81		1025	-0.4	0.2	0.1	0.2	-0.4
12.88		1020	0.7	0.4	0.1	0.7	0.4

NODE	Vxx	Vyy
Cent	0.0	-0.0
1021	0.0	-0.0
814	0.0	-0.0
1025	0.0	-0.0
1020	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
20.95	cedime~1	Cent	-9.8	-66.8	25.6	-0.0	-76.6
4.83		1021	167.8	-132.6	25.6	170.0	-134.8
8.43		814	167.8	-1.0	25.6	171.6	-4.8
82.32		1025	-187.4	-1.0	25.6	2.4	-190.9
68.48		1020	-187.4	-132.6	25.6	-122.6	-197.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.21	Cent	-1.8	-2.2	7.3	5.3	-9.3
82.50	1021	-51.3	2.8	7.2	3.7	-52.3
12.57	814	45.1	-0.6	10.7	47.4	-3.0
7.58	1025	26.5	-10.2	5.0	27.2	-10.9
86.77	1020	-27.5	-0.7	1.5	-0.6	-27.5

NODE	Vxx	Vyy
Cent	-0.1	0.0
1021	-0.1	0.0
814	-0.1	0.0
1025	-0.1	0.0
1020	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
29.07	perm	Cent	43.0	13.7	23.6	56.1	0.6
30.62		1021	51.7	25.8	23.6	65.7	11.9
21.61		814	51.7	1.5	23.6	61.1	-7.8
27.61		1025	34.3	1.5	23.6	46.6	-10.8
39.93		1020	34.3	25.8	23.6	54.0	6.1

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

-41.22	Cent	-0.1	-1.7	-6.2	5.4	-7.1	
-8.25	1021	38.7	1.8	-5.5	39.5	1.0	
-76.65	814	-34.0	-1.4	-8.2	0.6	-35.9	
-76.80	1025	-19.1	-0.2	-4.7	0.9	-20.2	
-5.22	1020	14.1	-7.1	-2.0	14.3	-7.3	
	NODE	Vxx	Vyy				
	Cent	0.1	0.0				
	1021	0.1	0.0				
	814	0.1	0.0				
	1025	0.0	0.0				
	1020	0.0	0.0				

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.84	INV TO~1	Max	Cent	171.6	112.8	114.4	235.7	48.6
18.09			1021	403.9	223.7	114.4	441.2	140.9
15.44			814	403.9	22.2	114.4	435.4	-9.8
16.25			1025	301.1	22.2	114.4	326.9	-3.6
33.24			1020	301.1	223.7	114.4	359.3	165.5
15.99		Min	Cent	27.7	-70.2	5.0	36.5	-79.0
86.79			1021	-101.3	-144.8	5.0	-11.9	-149.2
86.77			814	-101.3	-13.7	5.0	-12.4	-101.6
71.88			1025	-213.8	-13.7	5.0	-11.0	-218.3
69.20			1020	-213.8	-144.8	5.0	-133.2	-225.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-42.55		Max	Cent	2.3	2.4	6.2	29.5	1.2
-0.24			1021	199.2	18.7	6.5	199.2	18.3
9.21			814	26.4	3.3	4.0	27.1	2.0
-86.44			1025	8.7	11.8	3.1	12.0	0.4
3.22			1020	98.2	2.8	6.9	98.5	2.5
-45.50		Min	Cent	-4.1	-10.4	-34.6	3.5	-39.9
-52.84			1021	-20.0	-9.0	-31.7	12.3	-38.6
-77.84			814	-186.2	-10.3	-40.3	-3.9	-194.9
			1025	-111.4	-17.6	-24.5	-12.3	-116.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-74.90
-30.06

	NODE	Vxx	Vyy
Max	Cent	0.3	0.0
	1021	0.4	0.0
	814	0.4	0.1
	1025	0.2	0.1
	1020	0.2	0.0
Min	Cent	-0.0	-0.0
	1021	-0.0	-0.0
	814	-0.0	-0.0
	1025	-0.0	-0.0
	1020	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
35.84	INV TO~2	Max	Cent	171.6	112.8	114.4	235.7	48.6	
18.09			1021	403.9	223.7	114.4	441.2	140.9	
15.44			814	403.9	22.2	114.4	435.4	-9.8	
16.25			1025	301.1	22.2	114.4	326.9	-3.6	
33.24			1020	301.1	223.7	114.4	359.3	165.5	
15.99			Min	Cent	27.7	-70.2	5.0	36.5	-79.0
86.79				1021	-101.3	-144.8	5.0	-11.9	-149.2
86.77				814	-101.3	-13.7	5.0	-12.4	-101.6
71.88				1025	-213.8	-13.7	5.0	-11.0	-218.3
69.20				1020	-213.8	-144.8	5.0	-133.2	-225.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-42.55	Max	Cent	2.3	2.4	6.2	29.5	1.2
-0.24		1021	199.2	18.7	6.5	199.2	18.3
9.21		814	26.4	3.3	4.0	27.1	2.0
-86.44		1025	8.7	11.8	3.1	12.0	0.4
3.22		1020	98.2	2.8	6.9	98.5	2.5
-45.50	Min	Cent	-4.1	-10.4	-34.6	3.5	-39.9
-52.84		1021	-20.0	-9.0	-31.7	12.3	-38.6
-77.84		814	-186.2	-10.3	-40.3	-3.9	-194.9
-74.90		1025	-111.4	-17.6	-24.5	-12.3	-116.9
-30.06		1020	-16.9	-34.3	-16.6	-8.2	-43.0

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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Max Cent 0.3 0.0
      1021 0.4 0.0
      814 0.4 0.1
      1025 0.2 0.1
      1020 0.2 0.0
Min Cent -0.0 -0.0
      1021 -0.0 -0.0
      814 -0.0 -0.0
      1025 -0.0 -0.0
      1020 -0.0 -0.0
    
```

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

868	2	12	c mob-a	Max Cent	78.9	22.1	3.0	79.0	22.0	
					1019	111.9	1.9	3.0	112.0	
					1023	111.9	50.0	3.0	112.0	
					1022	75.8	50.0	3.0	76.1	
					1018	75.8	1.9	3.0	75.9	
				Min Cent	-12.1	-2.8	-8.9	2.6	-17.5	
					1019	-23.7	-6.1	-8.9	-2.4	
					1023	-23.7	-5.4	-8.9	-1.8	
					1022	-8.4	-5.4	-8.9	2.1	
					1018	-8.4	-6.1	-8.9	1.7	

					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max Cent	16.4	0.7	5.1	17.9	-0.8	
					1019	1.8	1.1	5.9	7.4	
					1023	39.1	3.8	3.3	39.4	
					1022	39.1	7.7	3.3	39.5	
					1018	2.2	0.6	5.9	7.3	
				Min Cent	-0.9	-0.6	-5.3	4.5	-6.0	
					1019	-5.8	-1.6	-4.7	1.4	
					1023	-2.1	-4.5	-3.7	0.6	
					1022	-4.3	-0.6	-4.9	2.8	
					1018	-8.6	-7.1	-5.8	-2.0	

					NODE	Vxx	Vyy			

				Max Cent	0.0	0.0				
					1019	0.0	0.0			
					1023	0.0	0.0			
					1022	0.0	0.0			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	1018	0.0	0.0
Min	Cent	-0.0	-0.0
	1019	-0.0	-0.0
	1023	-0.0	-0.0
	1022	-0.0	-0.0
	1018	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

1.16	c mob-b	Max Cent	165.6	41.3	2.5	165.7	41.2
0.66		1019	220.7	2.0	2.5	220.8	2.0
1.12		1023	220.7	92.6	2.5	220.8	92.5
3.04		1022	139.7	92.6	2.5	139.8	92.4
1.04		1018	139.7	2.0	2.5	139.8	2.0
-51.00		Min Cent	-9.7	-1.8	-18.6	13.3	-24.7
-52.99		1019	-21.2	-10.6	-18.6	3.5	-35.2
-57.91		1023	-21.2	-3.2	-18.6	8.4	-32.9
-44.12		1022	-2.1	-3.2	-18.6	15.9	-21.3
-38.58		1018	-2.1	-10.6	-18.6	12.7	-25.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

10.30	Max Cent	29.1	0.9	5.3	30.1	-0.0
45.51	1019	1.7	1.9	6.6	8.4	-4.8
3.15	1023	65.4	3.7	3.4	65.6	3.5
2.97	1022	74.3	15.3	3.1	74.4	15.1
43.15	1018	1.2	0.4	6.1	6.9	-5.3
-44.19	Min Cent	-0.6	-1.1	-9.2	8.4	-10.0
-56.49	1019	-8.4	-1.7	-7.9	3.5	-13.6
-30.78	1023	-1.1	-8.1	-6.5	2.7	-12.0
-48.79	1022	-2.7	-0.4	-8.8	7.3	-10.4
-51.16	1018	-16.6	-12.1	-10.1	-4.0	-24.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1019	0.0	0.0
	1023	0.0	0.0
	1022	0.0	0.0
	1018	0.0	0.0
Min	Cent	-0.1	-0.0
	1019	-0.1	-0.0
	1023	-0.1	-0.0
	1022	-0.1	-0.0

PROJECT TITLE :

	Company		Client	
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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1018			-0.1	-0.0			
ANGLE							

	pp	Cent	116.0	36.8	-8.1	116.8	35.9
-5.79		1019	126.6	-10.0	-8.1	127.0	-10.4
-3.39		1023	126.6	83.5	-8.1	128.0	82.0
-10.34		1022	105.4	83.5	-8.1	108.1	80.8
-18.26		1018	105.4	-10.0	-8.1	106.0	-10.5
-4.01							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	51.6	47.6	52.1	101.7	-2.5
43.90		1019	-79.4	-11.8	59.9	23.1	-114.4
59.72		1023	167.3	12.5	50.1	182.1	-2.3
16.46		1022	48.8	11.6	29.4	65.0	-4.6
28.80		1018	69.7	178.1	39.1	190.8	57.0
72.09							
		NODE	Vxx	Vyy			

		Cent	-0.1	-0.2			
		1019	-0.3	-0.3			
		1023	-0.3	-0.1			
		1022	-0.0	-0.1			
		1018	-0.0	-0.3			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	1.4	0.6	0.0	1.4	0.6
1.82		1019	0.0	-0.3	0.0	0.0	-0.3
5.12		1023	0.0	1.4	0.0	1.4	0.0
88.85		1022	2.7	1.4	0.0	2.7	1.4
1.10		1018	2.7	-0.3	0.0	2.7	-0.3
0.51							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.3	-0.0	0.1	0.4	-0.1
21.01		1019	-0.2	-0.0	0.2	0.1	-0.3
53.32		1023	0.9	0.1	0.1	0.9	0.1
5.96		1022	0.5	0.1	0.1	0.5	0.0
8.17							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

39.38 1018 -0.0 -0.1 0.2 0.1 -0.2

NODE	Vxx	Vyy
Cent	-0.0	0.0
1019	-0.0	0.0
1023	-0.0	-0.0
1022	-0.0	-0.0
1018	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.42	cedime~1	Cent	0.1	3.5	-3.7	5.8	-2.3
-6.55		1019	32.4	0.6	-3.7	32.8	0.2
-7.91		1023	32.4	6.3	-3.7	32.9	5.8
-84.58		1022	-32.3	6.3	-3.7	6.7	-32.6
-83.67		1018	-32.3	0.6	-3.7	1.0	-32.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-42.73	Cent	-0.2	-0.8	-3.8	3.4	-4.3
-41.57	1019	2.3	1.3	-3.9	5.8	-2.2
-48.22	1023	-4.8	-4.2	-2.6	-1.9	-7.1
-32.15	1022	2.2	-0.9	-3.2	4.2	-2.8
-48.07	1018	-0.3	0.7	-4.5	4.7	-4.3

NODE	Vxx	Vyy
Cent	0.0	-0.0
1019	0.0	-0.0
1023	0.0	-0.0
1022	-0.0	-0.0
1018	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.87	perm	Cent	61.5	18.7	-5.2	62.2	18.1
-3.92		1019	71.7	-4.3	-5.2	72.1	-4.7
-9.62		1023	71.7	41.7	-5.2	72.6	40.8
-23.67		1022	51.4	41.7	-5.2	53.7	39.4
-5.32		1018	51.4	-4.3	-5.2	51.8	-4.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

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-14.68          Cent      12.3      -0.3      -3.5      13.3      -1.2
-52.33          1019      -0.8       0.6      -2.6       2.6      -2.8
-5.24           1023      24.8      -3.2      -2.6      25.1      -3.4
-8.25           1022      31.8       6.1      -3.8      32.3       5.6
-52.22          1018      -6.5      -4.6      -3.8      -1.6      -9.5
    
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-----
          NODE      Vxx      Vyy
-----
          Cent      -0.0     -0.0
          1019      -0.0       0.0
          1023      -0.0     -0.0
          1022      -0.0     -0.0
          1018      -0.0       0.0
    
```

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          ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
          -1.33          INV TO~1  Max  Cent      285.2      77.9      -1.1      285.3      77.8
          -0.69          1019      402.1      -0.9      -1.1      402.1      -1.0
          -1.21          1023      402.1      173.0     -1.1      402.2      172.9
          -0.89          1022      240.0      173.0     -1.1      240.0      172.4
          -0.27          1018      240.0     -0.9     -1.1      240.0      -1.0
          -31.78          Min  Cent      45.1       15.0     -34.0      63.9      -4.7
          -23.06          1019      39.8     -18.6     -34.0      52.7     -31.5
          -42.51          1023      39.8       34.5     -34.0      67.6       6.7
          -57.98          1022       7.7       34.5     -34.0      62.1     -13.6
          -34.68          1018       7.7     -18.6     -34.0      31.2     -41.5
    
```

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          ANGLE          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
          4.05          Max  Cent      51.6       1.0       3.6      51.9       0.7
          -52.68          1019      3.9       4.5       6.4      12.7       1.8
          1.03           1023      113.1      1.9       2.0     113.1       1.9
          -1.31          1022      134.3      26.7      0.7     134.3      26.7
          44.60          1018     -3.6     -3.0       4.4       0.7     -3.9
          -34.02          Min  Cent      11.0     -2.5     -19.8      21.9     -16.7
          48.66          1019     -12.1     -1.7     -17.2      6.6     -22.9
          -19.04          1023      17.1     -18.4     -13.9      21.9     -23.3
          -28.31          1022      26.0       4.5     -18.8      34.4      -6.0
          1018     -29.2     -21.0     -22.0     -7.0     -47.1
    
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-51.39

	NODE	Vxx	Vyy
Max	Cent	-0.0	-0.0
	1019	-0.0	0.0
	1023	-0.0	-0.0
	1022	-0.0	-0.0
	1018	-0.0	0.0
Min	Cent	-0.1	-0.0
	1019	-0.1	0.0
	1023	-0.1	-0.1
	1022	-0.2	-0.1
	1018	-0.2	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-1.33	INV TO~2	Max	Cent	285.2	77.9	-1.1	285.3	77.8
-0.69			1019	402.1	-0.9	-1.1	402.1	-1.0
-1.21			1023	402.1	173.0	-1.1	402.2	172.9
-0.89			1022	240.0	173.0	-1.1	240.0	172.4
-0.27			1018	240.0	-0.9	-1.1	240.0	-1.0
-31.78		Min	Cent	45.1	15.0	-34.0	63.9	-4.7
-23.06			1019	39.8	-18.6	-34.0	52.7	-31.5
-42.51			1023	39.8	34.5	-34.0	67.6	6.7
-57.98			1022	7.7	34.5	-34.0	62.1	-13.6
-34.68			1018	7.7	-18.6	-34.0	31.2	-41.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
43.90	Max	Cent	69.7	64.3	70.3	137.3	0.7	
59.72		1019	3.9	4.5	80.8	31.2	1.8	
16.46		1023	225.9	16.9	67.7	245.9	1.9	
-1.31		1022	134.3	26.7	39.6	134.3	26.7	
72.09		1018	94.0	240.5	52.8	257.5	77.0	
-34.02		Min	Cent	11.0	-2.5	-19.8	21.9	-16.7
48.66			1019	-107.2	-15.9	-17.2	6.6	-154.4
-19.04			1023	17.1	-18.4	-13.9	21.9	-23.3
-28.31			1022	26.0	4.5	-18.8	34.4	-6.2
-51.39			1018	-29.2	-21.0	-22.0	-7.0	-47.1

	NODE	Vxx	Vyy
Max	Cent	-0.0	-0.0

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	1019	-0.0	0.0
	1023	-0.0	-0.0
	1022	-0.0	-0.0
	1018	-0.0	0.0
Min	Cent	-0.2	-0.3
	1019	-0.4	-0.4
	1023	-0.4	-0.1
	1022	-0.2	-0.1
	1018	-0.2	-0.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
899	2	12	c mob-a	Max Cent	53.8	23.4	14.4	59.6	17.7
21.70				818	30.6	44.7	14.4	53.7	21.6
58.05				820	30.6	3.0	14.4	36.7	-3.1
23.07				819	78.0	3.0	14.4	80.7	0.3
10.48				817	78.0	44.7	14.4	83.4	39.3
20.39				Min Cent	-0.3	-0.3	-0.2	-0.1	-0.5
-43.64				818	-1.9	-0.4	-0.2	-0.4	-1.9
-83.21				820	-1.9	-0.4	-0.2	-0.4	-1.9
-83.25				819	-0.5	-0.4	-0.2	-0.2	-0.6
-50.68				817	-0.5	-0.4	-0.2	-0.2	-0.6
-49.89									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
18.68				Max Cent	2.5	0.3	0.8	2.8	0.1
0.61				818	58.9	6.3	0.6	58.9	6.3
34.28				820	0.7	0.3	0.5	1.0	-0.0
47.71				819	0.3	0.5	0.8	1.2	-0.4
1.48				817	53.7	12.4	1.1	53.7	12.3
-41.07				Min Cent	-0.0	-1.3	-4.4	3.8	-5.1
-44.95				818	-0.7	-0.7	-4.1	3.4	-4.8
-83.47				820	-54.1	-12.9	-4.8	-12.3	-54.7
-85.26				819	-48.3	-9.3	-3.3	-9.0	-48.6
-46.15				817	-0.4	-0.2	-2.8	2.5	-3.0
				NODE	Vxx	Vyy			
				Max Cent	0.1	0.0			
				818	0.1	0.0			
				820	0.1	0.0			
				819	0.1	0.0			
				817	0.1	0.0			
				Min Cent	-0.0	-0.0			

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818 -0.0 -0.0
 820 -0.0 -0.0
 819 -0.0 -0.0
 817 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.05	c mob-b	Max Cent	53.9	23.5	14.8	59.9	17.5
58.78		818	29.6	45.1	14.8	54.0	20.7
24.58		820	29.6	4.1	14.8	36.4	-2.6
10.78		819	78.8	4.1	14.8	81.6	1.3
20.57		817	78.8	45.1	14.8	84.4	39.5
-40.13		Min Cent	-0.3	-0.3	-0.2	-0.1	-0.5
-87.09		818	-3.7	-0.4	-0.2	-0.4	-3.7
-87.10		820	-3.7	-0.4	-0.2	-0.4	-3.7
-47.38		819	-0.4	-0.4	-0.2	-0.2	-0.6
-46.76		817	-0.4	-0.4	-0.2	-0.2	-0.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
29.58	Max Cent	2.6	0.6	1.7	3.6	-0.3
1.28	818	58.9	5.9	1.2	58.9	5.8
46.26	820	0.7	0.8	1.0	1.8	-0.2
51.53	819	0.3	1.0	1.5	2.2	-0.9
2.55	817	54.7	12.6	1.9	54.8	12.6
-40.82	Min Cent	-0.0	-1.3	-4.3	3.7	-5.1
-41.98	818	-0.6	-1.4	-3.9	2.9	-5.0
-83.75	820	-53.9	-12.8	-4.6	-12.3	-54.4
-85.40	819	-49.2	-9.6	-3.2	-9.3	-49.5
-45.85	817	-0.3	-0.1	-2.8	2.5	-3.0

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	818	0.1	0.0
	820	0.1	0.0
	819	0.1	0.0
	817	0.1	0.0
Min	Cent	-0.0	-0.0
	818	-0.0	-0.0
	820	-0.0	-0.0
	819	-0.0	-0.0
	817	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
21.33	pp	Cent	169.2	71.2	45.1	186.8	53.6
57.69		818	95.6	138.4	45.1	166.9	67.0
22.31		820	95.6	4.1	45.1	114.1	-14.4
10.35		819	242.8	4.1	45.1	251.1	-4.2
20.41		817	242.8	138.4	45.1	259.6	121.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-26.86		Cent	11.3	-5.3	-11.4	17.1	-11.1
-3.25		818	189.0	23.2	-9.4	189.5	22.7
-81.00		820	-162.6	-56.5	-17.2	-53.7	-165.4
-84.85		819	-148.3	-24.1	-11.3	-23.1	-149.3
-1.51		817	167.3	36.0	-3.5	167.4	35.9
		NODE	Vxx	Vyy			
		Cent	0.3	-0.0			
		818	0.4	-0.0			
		820	0.4	-0.1			
		819	0.3	-0.1			
		817	0.3	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.44	vento -y	Cent	2.0	0.9	0.5	2.2	0.7
51.86		818	1.4	1.6	0.5	2.0	1.0
18.77		820	1.4	0.2	0.5	1.5	0.0
10.08		819	2.7	0.2	0.5	2.8	0.1
20.16		817	2.7	1.6	0.5	2.9	1.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-33.92		Cent	0.1	-0.0	-0.1	0.1	-0.1
-3.30		818	2.4	0.3	-0.1	2.4	0.3
-84.68		820	-2.3	-0.5	-0.2	-0.5	-2.3
-87.52		819	-2.0	-0.4	-0.1	-0.4	-2.0
-1.05		817	2.1	0.5	-0.0	2.1	0.5

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NODE	Vxx	Vyy
Cent	0.0	-0.0
818	0.0	-0.0
820	0.0	-0.0
819	0.0	-0.0
817	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-46.77	cedime~1	Cent	-38.5	-36.3	-17.9	-19.5	-55.4
-19.33		818	-8.4	-53.2	-17.9	-2.2	-59.5
-36.46		820	-8.4	-19.4	-17.9	4.8	-32.7
-71.97		819	-68.7	-19.4	-17.9	-13.6	-74.5
-56.66		817	-68.7	-53.2	-17.9	-41.4	-80.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.25	Cent	-1.8	-3.3	12.3	9.7	-14.9
81.54	818	-89.7	-16.2	11.2	-14.5	-91.3
9.55	820	88.9	21.4	11.7	90.9	19.5
10.42	819	47.5	0.3	9.0	49.1	-1.4
77.14	817	-54.0	-18.8	8.5	-16.9	-56.0

NODE	Vxx	Vyy
Cent	-0.1	0.0
818	-0.2	0.0
820	-0.2	0.0
819	-0.1	0.0
817	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
23.04	perm	Cent	64.7	29.6	18.2	72.5	21.8
59.95		818	34.6	55.6	18.2	66.1	24.0
24.83		820	34.6	3.6	18.2	43.0	-4.8
10.90		819	94.8	3.6	18.2	98.3	0.1
21.45		817	94.8	55.6	18.2	102.0	48.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	3.0	-1.1	-3.0	4.6	-2.7

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-27.91		818	73.5	6.6	-3.6	73.7	6.4
-3.08		820	-67.9	-15.9	-4.8	-15.4	-68.4
-84.75		819	-60.8	-11.0	-1.7	-11.0	-60.9
-88.03		817	67.4	15.9	-0.5	67.4	15.9
-0.56							

NODE	Vxx	Vyy
Cent	0.1	-0.0
818	0.1	-0.0
820	0.1	-0.0
819	0.1	-0.0
817	0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
22.52	INV TO~1	Max	Cent	137.5	61.3	38.2	153.3	45.4
58.97			818	75.9	116.4	38.2	139.4	53.0
24.42			820	75.9	9.2	38.2	93.2	-6.0
10.84			819	201.3	9.2	38.2	208.6	1.9
20.98			817	201.3	116.4	38.2	215.9	101.8
0.15		Min	Cent	25.7	-7.2	0.1	25.7	-7.2
0.25			818	21.2	1.8	0.1	21.2	1.8
0.13			820	21.2	-16.3	0.1	21.2	-16.3
0.11			819	25.6	-16.3	0.1	25.6	-16.3
0.20			817	25.6	1.8	0.1	25.6	1.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
35.02	Max	Cent	6.6	-0.3	11.5	12.8	-0.4	
-0.84			818	153.0	15.1	9.2	153.0	15.1
23.58			820	22.0	6.7	8.3	25.6	3.1
50.20			819	-12.9	-9.4	9.3	-1.6	-20.6
1.07			817	141.3	32.9	10.5	141.3	32.9
20.67	Min	Cent	1.2	-6.2	-9.0	2.4	-11.6	
71.99			818	-17.1	-11.6	-9.2	-10.9	-17.7
-84.08			820	-141.0	-33.3	-11.3	-32.1	-142.2
-86.62			819	-127.2	-24.0	-6.1	-23.6	-127.6
14.00			817	12.8	-3.1	-4.2	13.9	-4.2

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	NODE	Vxx	Vyy
Max	Cent	0.3	0.0
	818	0.3	0.0
	820	0.3	0.0
	819	0.3	0.0
	817	0.3	0.0
Min	Cent	-0.0	-0.0
	818	-0.0	-0.0
	820	-0.0	-0.0
	819	0.0	-0.0
	817	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
21.33	INV TO~2	Max	Cent	228.4	96.2	60.9	252.2	72.4
57.69			818	129.0	186.8	60.9	225.3	90.5
22.31			820	129.0	9.2	60.9	154.0	-6.0
10.35			819	327.8	9.2	60.9	339.0	1.9
20.41			817	327.8	186.8	60.9	350.5	164.1
0.15		Min	Cent	25.7	-7.2	0.1	25.7	-7.2
0.25			818	21.2	1.8	0.1	21.2	1.8
0.13			820	21.2	-16.3	0.1	21.2	-19.5
0.11			819	25.6	-16.3	0.1	25.6	-16.3
0.20			817	25.6	1.8	0.1	25.6	1.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-26.86	Max	Cent	15.3	-0.3	11.5	23.1	-0.4
		818	255.1	31.4	9.2	255.8	30.7
		820	22.0	6.7	8.3	25.6	3.1
		819	-12.9	-9.4	9.3	-1.6	-20.6
		817	225.9	48.6	10.5	226.0	48.5
-1.51	Min	Cent	1.2	-7.2	-15.3	2.4	-15.0
		818	-17.1	-11.6	-12.7	-10.9	-17.7
		820	-219.5	-76.2	-23.3	-72.6	-223.2
		819	-200.2	-32.6	-15.2	-31.2	-201.6
		817	12.8	-3.1	-4.7	13.9	-4.2

	NODE	Vxx	Vyy
Max	Cent	0.5	0.0
	818	0.5	0.0
	820	0.5	0.0

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		819	0.4	0.0
		817	0.4	0.0
Min	Cent		-0.0	-0.1
		818	-0.0	-0.1
		820	-0.0	-0.1
		819	0.0	-0.1
		817	0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

918	2	12	c mob-a	Max Cent	263.1	0.0	3.3	263.1	-0.0
	0.73				883	277.3	14.1	3.3	277.3
	0.73				885	277.3	0.1	3.3	277.3
	0.69				884	286.6	0.1	3.3	286.7
	0.67				882	286.6	14.1	3.3	286.7
	0.70			Min Cent		-1.4	-6.3	-6.0	2.7
	-34.02				883	-2.1	-0.1	-6.0	5.0
	-49.92				885	-2.1	-26.6	-6.0	-0.7
	-13.11				884	-1.4	-26.6	-6.0	-0.1
	-12.79				882	-1.4	-0.1	-6.0	5.3
	-48.28								
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max Cent	2.2	3.1	8.2	10.9	-5.5
	46.60				883	0.0	0.4	9.0	9.2
	45.60				885	8.4	1.6	7.0	12.8
	32.00				884	7.6	10.8	7.1	16.5
	51.34				882	0.0	1.3	9.1	9.8
	47.00			Min Cent		-7.0	-1.8	-10.4	6.3
	-51.98				883	-8.3	-0.3	-10.0	6.5
	-55.84				885	-7.4	-1.0	-10.4	6.6
	-53.59				884	-9.0	-4.7	-10.4	3.8
	-50.82				882	-9.4	-2.4	-10.0	4.7
	-54.74								
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
					883	0.0	0.0		
					885	0.0	0.0		
					884	0.0	0.0		
					882	0.0	0.0		
				Min Cent	-0.0	-0.0			
					883	-0.0	-0.0		
					885	-0.0	-0.0		

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			884	-0.0	-0.0		
			882	-0.0	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

0.76	c mob-b	Max Cent	314.6	0.0	4.2	314.6	-0.0
0.76		883	328.9	15.2	4.2	328.9	15.1
0.73		885	328.9	0.1	4.2	328.9	0.0
0.76		884	314.8	0.1	4.2	314.8	0.0
0.80		882	314.8	15.2	4.2	314.8	15.1
-33.82		Min Cent	-1.0	-6.7	-6.9	3.6	-11.3
-47.25		883	-1.2	-0.1	-6.9	6.3	-7.6
-13.48		885	-1.2	-28.3	-6.9	0.5	-30.0
-13.41		884	-1.0	-28.3	-6.9	0.7	-30.0
-46.90		882	-1.0	-0.1	-6.9	6.4	-7.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

46.92		Max Cent	2.3	3.6	9.2	12.2	-6.3
45.73		883	0.0	0.5	10.2	10.5	-9.9
32.10		885	9.6	1.9	7.9	14.5	-3.1
52.37		884	8.0	12.3	8.1	18.6	1.7
47.42		882	0.0	1.8	10.4	11.3	-9.5
-52.02		Min Cent	-8.3	-2.2	-12.1	7.2	-17.7
-55.06		883	-8.9	-0.4	-11.7	7.8	-17.1
-54.76		885	-9.7	-1.2	-12.0	7.2	-18.2
-50.93		884	-11.2	-6.1	-12.0	3.7	-20.9
-53.99		882	-10.2	-2.6	-11.7	6.0	-18.7
		NODE	Vxx	Vyy			
		Max Cent	0.0	0.0			
		883	0.0	0.0			
		885	0.0	0.0			
		884	0.0	0.0			
		882	0.0	0.0			
		Min Cent	-0.0	-0.0			
		883	-0.0	-0.0			
		885	-0.0	-0.0			
		884	-0.0	-0.0			
		882	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

	pp	Cent	612.0	-12.1	-1.9	612.0	-12.1
-0.18		883	542.0	23.7	-1.9	542.0	23.6
-0.22		885	542.0	-47.8	-1.9	542.0	-47.8
-0.19		884	682.1	-47.8	-1.9	682.1	-47.8
-0.15		882	682.1	23.7	-1.9	682.1	23.6
-0.17							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
87.15	Cent	4.9	101.6	4.8	101.9	4.7
-88.78	883	-3.1	-0.7	-0.1	-0.7	-3.1
79.23	885	-60.9	2.7	12.6	5.1	-63.3
85.57	884	28.3	186.4	12.3	187.4	27.3
-89.90	882	55.5	218.1	-0.3	218.1	55.5

NODE	Vxx	Vyy
Cent	0.0	-0.4
883	0.1	-0.4
885	0.1	-0.3
884	0.0	-0.3
882	0.0	-0.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.33	vento -y	Cent	11.8	-0.3	-0.1	11.8	-0.3
-0.41		883	10.2	0.5	-0.1	10.2	0.5
-0.35		885	10.2	-1.0	-0.1	10.2	-1.0
-0.28		884	13.4	-1.0	-0.1	13.4	-1.0
-0.31		882	13.4	0.5	-0.1	13.4	0.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.90	Cent	0.2	-0.0	0.2	0.3	-0.1
35.02	883	0.1	0.0	0.2	0.2	-0.1
21.34	885	0.4	-0.0	0.2	0.4	-0.1
22.29	884	0.3	-0.0	0.2	0.4	-0.1
27.17	882	0.1	-0.1	0.2	0.2	-0.2

NODE	Vxx	Vyy
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-----
          Cent      -0.0      0.0
          883      -0.0      0.0
          885      -0.0     -0.0
          884      -0.0     -0.0
          882      -0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.79	cedime~1	Cent	-101.0	1.9	0.4	1.9	-101.0
89.80		883	-114.6	-3.5	0.4	-3.5	-114.6
89.82		885	-114.6	7.3	0.4	7.3	-114.6
89.77		884	-87.4	7.3	0.4	7.3	-87.4
89.74		882	-87.4	-3.5	0.4	-3.5	-87.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.16	Cent	1.2	-0.3	0.9	1.6	-0.7
21.20	883	1.8	0.0	0.8	2.1	-0.3
34.11	885	0.5	-0.2	0.9	1.2	-0.8
27.27	884	0.3	-0.9	0.9	0.8	-1.4
19.02	882	2.1	0.1	0.8	2.3	-0.2

```

-----
          NODE      Vxx      Vyy
          Cent      0.0      0.0
          883      0.0     -0.0
          885      0.0      0.0
          884      0.0      0.0
          882      0.0     -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.15	perm	Cent	227.1	-4.1	-0.6	227.1	-4.1
-0.17		883	216.3	7.7	-0.6	216.3	7.7
-0.15		885	216.3	-15.9	-0.6	216.3	-15.9
-0.14		884	238.0	-15.9	-0.6	238.0	-15.9
-0.15		882	238.0	7.7	-0.6	238.0	7.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.23	Cent	-6.1	-0.4	-0.1	-0.4	-6.1
	883	-6.2	0.2	-0.4	0.2	-6.3

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-86.14			885	-6.3	0.1	0.3	0.2	-6.3
87.58			884	-6.2	-1.3	0.2	-1.3	-6.2
87.26			882	-5.5	-0.6	-0.5	-0.6	-5.5
-84.45								

NODE	Vxx	Vyy
Cent	0.0	0.0
883	0.0	0.0
885	0.0	0.0
884	0.0	0.0
882	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.44	INV TO~1	Max	Cent	651.8	-2.2	5.4	651.8	-2.2
0.46			883	660.3	28.2	5.4	660.3	28.2
0.43			885	660.3	-8.4	5.4	660.3	-8.5
0.43			884	662.9	-8.4	5.4	662.9	-8.5
0.45			882	662.9	28.2	5.4	662.9	28.2
-4.02		Min	Cent	124.2	-13.1	-9.9	124.9	-13.5
-5.70			883	98.8	4.1	-9.9	99.8	3.2
-3.74			885	98.8	-54.1	-9.9	99.5	-54.5
-2.79			884	148.6	-54.1	-9.9	149.1	-54.5
-3.77			882	148.6	4.1	-9.9	149.2	3.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
51.26	Max	Cent	-1.7	4.4	13.3	14.8	-12.2
50.40			883	-4.4	0.9	14.1	-16.1
39.47			885	7.1	2.7	11.9	-6.5
55.62			884	4.9	15.3	12.1	22.7
50.18			882	-3.4	1.9	14.3	13.8
-55.86	Min	Cent	-17.2	-3.7	-16.4	6.9	-28.1
-58.88			883	-18.3	-0.3	-16.2	9.0
-59.92			885	-19.4	-1.7	-15.9	6.9
-54.55			884	-21.3	-10.5	-16.0	0.3
-56.45			882	-19.2	-4.1	-16.3	6.3

NODE	Vxx	Vyy
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Max	Cent	0.0	0.0
	883	0.0	0.0
	885	0.0	0.0
	884	0.0	0.0
	882	0.0	0.0
Min	Cent	-0.0	-0.0
	883	-0.0	-0.0
	885	-0.0	-0.0
	884	-0.0	-0.0
	882	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-0.18	INV TO~2	Max Cent	826.2	-2.2	5.4	826.2	-2.2
-0.22		883	731.7	31.9	5.4	731.7	31.9
-0.19		885	731.7	-8.4	5.4	731.7	-8.5
-0.15		884	920.8	-8.4	5.4	920.8	-8.5
-0.17		882	920.8	31.9	5.4	920.8	31.9
-4.02		Min Cent	124.2	-16.3	-9.9	124.9	-16.3
-5.70		883	98.8	4.1	-9.9	99.8	3.2
-3.74		885	98.8	-64.6	-9.9	99.5	-64.6
-2.79		884	148.6	-64.6	-9.9	149.1	-64.6
-3.77		882	148.6	4.1	-9.9	149.2	3.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

87.15	Max Cent	6.7	137.2	13.3	137.5	6.3
50.40		883	-4.2	0.9	14.1	-4.2
39.47		885	7.1	3.7	16.9	-6.5
85.57		884	38.2	251.7	16.6	253.0
-89.90		882	74.9	294.5	14.3	294.5
-55.86	Min Cent	-17.2	-3.7	-16.4	6.9	-28.1
-88.78		883	-18.3	-0.9	-16.2	-27.9
79.23		885	-82.3	-1.7	-15.9	-85.5
-54.55		884	-21.3	-10.5	-16.0	0.3
-56.45		882	-19.2	-4.1	-16.3	-29.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	883	0.1	0.0
	885	0.1	0.0
	884	0.0	0.0
	882	0.0	0.0

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Min	Cent	-0.0	-0.5
	883	-0.0	-0.6
	885	-0.0	-0.4
	884	-0.0	-0.4
	882	-0.0	-0.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
938	2	12	c mob-a	Max	Cent	96.0	78.5	22.8	111.6	62.8
34.48					1017	63.9	20.0	22.8	73.6	10.3
23.03					1021	63.9	142.4	22.8	148.6	57.8
74.93					1020	163.4	142.4	22.8	178.0	127.8
32.66					1016	163.4	20.0	22.8	166.9	16.5
8.82				Min	Cent	-13.4	-4.0	-22.5	14.2	-31.7
-50.93					1017	-88.9	-2.7	-22.5	2.8	-94.4
-76.24					1021	-88.9	-11.5	-22.5	-5.4	-94.9
-74.93					1020	-0.6	-11.5	-22.5	17.1	-29.2
-38.18					1016	-0.6	-2.7	-22.5	20.9	-24.1
-43.67										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3.9	1.0	15.5	18.0	-13.1
42.38					1017	6.2	1.8	19.3	23.5	-15.4
41.72					1021	149.5	20.9	15.8	151.4	18.9
6.91					1020	138.0	21.4	9.4	138.8	20.7
4.60					1016	0.8	2.7	12.8	14.6	-11.1
47.13				Min	Cent	-0.1	-6.5	-2.5	0.8	-7.4
-18.72					1017	-139.9	-32.0	-1.4	-32.0	-139.9
-89.26					1021	-5.5	-2.6	-1.6	-1.8	-6.3
-66.04					1020	-0.8	-3.1	-2.9	1.2	-5.1
-34.57					1016	-138.1	-31.3	-1.9	-31.3	-138.1
-88.99										
				NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0			
					1017	0.0	0.0			
					1021	0.0	0.0			
					1020	0.0	0.0			
					1016	0.0	0.0			
				Min	Cent	-0.3	-0.0			
					1017	-0.3	-0.0			
					1021	-0.3	-0.0			
					1020	-0.3	-0.0			
					1016	-0.3	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
21.94	c mob-b	Max Cent	133.3	82.4	24.4	143.1	72.6
11.29		1017	139.8	22.2	24.4	144.7	17.3
51.64		1021	139.8	151.4	24.4	170.7	120.5
31.40		1020	176.5	151.4	24.4	191.4	136.4
8.79		1016	176.5	22.2	24.4	180.3	18.4
-46.68		Min Cent	-13.6	-7.9	-48.2	37.5	-59.0
-63.10		1017	-75.2	-4.7	-48.2	19.7	-99.6
-58.84		1021	-75.2	-24.6	-48.2	4.5	-104.3
-38.29		1020	-1.6	-24.6	-48.2	36.4	-62.7
-44.09		1016	-1.6	-4.7	-48.2	45.0	-51.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.23	Max Cent	3.6	0.5	16.0	18.1	-14.0
39.69	1017	11.1	3.6	19.9	27.5	-12.9
6.74	1021	156.5	22.0	16.1	158.4	20.1
4.06	1020	149.6	22.6	9.1	150.2	22.0
43.78	1016	1.4	0.3	12.8	13.7	-11.9
-28.53	Min Cent	-0.4	-8.0	-5.9	2.8	-11.2
-88.58	1017	-146.4	-32.7	-2.8	-32.6	-146.5
-56.33	1021	-10.2	-6.8	-4.1	-4.1	-12.9
-41.75	1020	-1.8	-3.2	-6.0	3.5	-8.5
-87.95	1016	-149.5	-35.2	-4.1	-35.1	-149.6

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1017	0.0	0.0
	1021	0.0	0.0
	1020	0.0	0.0
	1016	0.0	0.0
Min	Cent	-0.3	-0.0
	1017	-0.3	-0.0
	1021	-0.3	-0.0
	1020	-0.3	-0.0
	1016	-0.3	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	148.6	63.7	-43.4	166.9	45.5
-22.82		1017	108.8	22.7	-43.4	126.9	4.6
-22.62		1021	108.8	104.8	-43.4	150.2	63.3
-43.68		1020	188.5	104.8	-43.4	206.9	86.3
-23.02		1016	188.5	22.7	-43.4	199.2	12.0
-13.82							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	7.4	-11.4	9.5	11.4	-15.4
22.78		1017	-107.5	-41.1	19.1	-36.0	-112.6
75.04		1021	136.7	17.1	7.9	137.3	16.6
3.77		1020	138.2	7.6	1.9	138.3	7.6
0.82		1016	-138.1	-29.1	13.0	-27.5	-139.6
83.27							
		NODE	Vxx	Vyy			

		Cent	-0.3	-0.0			
		1017	-0.2	-0.0			
		1021	-0.2	0.0			
		1020	-0.3	0.0			
		1016	-0.3	-0.0			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-2.1	2.0	3.5	4.0	-4.1
60.11		1017	-5.2	-0.7	3.5	1.2	-7.1
61.44		1021	-5.2	4.7	3.5	5.8	-6.3
72.36		1020	1.1	4.7	3.5	6.8	-1.1
58.70		1016	1.1	-0.7	3.5	3.8	-3.4
38.04							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	0.1	0.1	0.4	0.5	-0.4
45.80		1017	-2.8	-0.7	0.4	-0.7	-2.9
79.80		1021	2.9	0.5	0.4	2.9	0.5
8.93		1020	1.7	0.7	0.3	1.7	0.6
16.64		1016	-1.5	-0.2	0.3	-0.1	-1.5
76.35							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			

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1017      -0.0      -0.0
1021      -0.0      -0.0
1020      -0.0      -0.0
1016      -0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.54	cedime~1	Cent	11.8	-62.7	-30.3	22.6	-73.4
-16.03		1017	97.3	0.7	-30.3	106.0	-8.0
-7.57		1021	97.3	-126.2	-30.3	101.4	-130.2
-24.54		1020	-73.7	-126.2	-30.3	-59.9	-140.0
-70.45		1016	-73.7	0.7	-30.3	11.5	-84.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-47.80	Cent	-2.3	1.0	-16.9	16.4	-17.6
-10.96	1017	117.2	29.1	-17.7	120.6	25.7
-81.60	1021	-122.0	-18.4	-15.6	-16.1	-124.3
-80.12	1020	-78.5	-16.0	-11.2	-14.1	-80.5
-11.19	1016	74.1	9.5	-13.3	76.8	6.8

```

NODE      Vxx      Vyy
Cent      0.2      0.0
1017      0.2      0.0
1021      0.2      0.0
1020      0.2      0.0
1016      0.2      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-24.55	perm	Cent	55.8	19.6	-20.9	65.4	10.1
-26.24		1017	41.6	9.5	-20.9	51.9	-0.8
-37.03		1021	41.6	29.7	-20.9	57.4	13.9
-23.01		1020	70.1	29.7	-20.9	78.9	20.8
-17.32		1016	70.1	9.5	-20.9	76.6	3.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
17.66	Cent	1.2	-3.5	1.7	1.7	-4.0
82.03	1017	-40.7	-8.9	4.5	-8.2	-41.3
	1021	46.6	4.2	2.5	46.7	4.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3.33							
-0.21		1020	52.2	4.4	-0.2	52.2	4.3
87.26		1016	-53.3	-13.6	1.9	-13.6	-53.3

NODE	Vxx	Vyy
Cent	-0.1	0.0
1017	-0.1	0.0
1021	-0.1	0.0
1020	-0.1	0.0
1016	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	247.6	130.9	12.1	249.4	129.5
-5.72			1017	327.7	40.3	12.1	328.9	39.1
-3.60			1021	327.7	234.0	12.1	329.2	220.0
-4.69			1020	308.3	234.0	12.1	310.2	232.1
9.01			1016	308.3	40.3	12.1	308.9	39.0
2.57		Min	Cent	37.5	-53.8	-116.2	110.4	-129.3
-40.28			1017	-78.3	3.2	-116.2	57.5	-132.7
-57.69			1021	-78.3	-129.7	-116.2	52.8	-193.3
-56.75			1020	-5.9	-129.7	-116.2	63.9	-199.5
-30.97			1016	-5.9	3.2	-116.2	115.3	-117.3
-46.21								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	6.4	-1.1	23.2	25.8	-5.3
39.79		1017	91.4	25.1	31.4	94.1	22.4
11.20		1021	257.9	33.9	24.2	260.5	31.3
6.11		1020	254.1	34.9	12.6	254.8	34.2
3.27		1016	22.8	-0.5	19.2	24.2	-1.9
13.33	Min	Cent	-1.6	-14.3	-23.2	3.0	-31.3
-19.93		1017	-238.4	-53.0	-17.0	-53.0	-238.4
89.77		1021	-89.2	-23.4	-18.7	-18.5	-94.1
-75.20		1020	-28.8	-16.0	-19.5	-1.9	-42.9
-54.09		1016	-255.0	-61.2	-17.0	-61.1	-255.1
-88.93							

NODE	Vxx	Vyy	
Max	Cent	0.1	0.0
	1017	0.2	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	1021	0.2	0.0
	1020	0.1	0.0
	1016	0.1	0.0
Min	Cent	-0.5	-0.0
	1017	-0.5	-0.0
	1021	-0.5	-0.0
	1020	-0.5	-0.0
	1016	-0.5	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	247.6	130.9	12.1	249.4	129.5
-5.72			1017	327.7	40.3	12.1	328.9	39.1
-3.60			1021	327.7	234.0	12.1	329.2	220.0
-4.69			1020	308.3	234.0	12.1	310.2	232.1
9.01			1016	308.3	40.3	12.1	308.9	39.0
2.57		Min	Cent	37.5	-53.8	-116.2	110.4	-129.3
-40.28			1017	-78.3	3.2	-116.2	57.5	-132.7
-57.69			1021	-78.3	-129.7	-116.2	52.8	-193.3
-56.75			1020	-5.9	-129.7	-116.2	63.9	-199.5
-30.97			1016	-5.9	3.2	-116.2	115.3	-117.3
-46.21								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	9.9	-1.1	23.2	25.8	-5.3
39.79		1017	91.4	25.1	31.4	94.1	22.4
11.20		1021	257.9	33.9	24.2	260.5	31.3
6.11		1020	254.1	34.9	12.6	254.8	34.2
3.27		1016	22.8	-0.5	19.2	24.2	-1.9
13.33	Min	Cent	-1.6	-15.3	-23.2	3.0	-31.3
-19.93		1017	-238.4	-55.5	-17.0	-53.0	-238.4
89.77		1021	-89.2	-23.4	-18.7	-18.5	-94.1
-75.20		1020	-28.8	-16.0	-19.5	-1.9	-42.9
-54.09		1016	-255.0	-61.2	-17.0	-61.1	-255.1
-88.93							

	NODE	Vxx	Vyy	
	Max	Cent	0.1	0.0
		1017	0.2	0.0
		1021	0.2	0.0
		1020	0.1	0.0
		1016	0.1	0.0
	Min	Cent	-0.5	-0.0
		1017	-0.5	-0.1

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	Company		Client	
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1021 -0.5 -0.0
 1020 -0.5 -0.0
 1016 -0.5 -0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

1096	2	12	c mob-a	Max Cent	1.0	11.0	22.2	28.8	-16.8
51.34				1709	1.2	48.7	22.2	57.5	-7.6
68.44				1712	1.2	177.5	22.2	180.2	-1.5
82.92				815	2.1	177.5	22.2	180.2	-0.7
82.89				1024	2.1	48.7	22.2	57.6	-6.8
68.19			Min	Cent	-10.7	-48.2	-0.6	-10.7	-48.2
-0.94				1709	-0.6	-186.5	-0.6	-0.6	-186.5
-0.19				1712	-0.6	-76.6	-0.6	-0.6	-76.6
-0.46				815	-21.7	-76.6	-0.6	-21.7	-76.6
-0.64				1024	-21.7	-186.5	-0.6	-21.7	-186.5
-0.21									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin

			Max	Cent	2.1	0.9	4.2	5.7	-2.7
41.14				1709	0.6	3.3	3.8	6.0	-2.1
54.87				1712	2.7	9.8	3.5	11.3	1.2
67.62				815	9.1	28.8	3.0	29.2	8.7
81.54				1024	9.2	4.2	3.6	11.0	2.3
27.41			Min	Cent	-0.4	-1.3	-8.6	7.8	-9.5
-43.51				1709	-1.5	-3.9	-8.1	5.4	-10.9
-40.79				1712	-6.1	-27.7	-7.3	-3.8	-29.9
-17.09				815	-4.8	-9.8	-5.8	-1.0	-13.7
-33.34				1024	-0.7	-6.8	-6.5	3.4	-10.9
-32.43									

				NODE	Vxx	Vyy			

			Max	Cent	0.0	0.0			
				1709	0.0	0.0			
				1712	0.0	0.0			
				815	0.0	0.0			
				1024	0.0	0.0			
			Min	Cent	-0.0	-0.0			
				1709	-0.0	-0.0			
				1712	-0.0	-0.1			
				815	-0.0	-0.1			
				1024	-0.0	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

49.45	c mob-b	Max Cent	0.7	13.4	40.5	48.1	-34.0
57.33		1709	1.5	38.7	40.5	64.7	-24.5
83.18		1712	1.5	335.4	40.5	340.2	-3.3
83.18		815	1.5	335.4	40.5	340.2	-3.4
57.34		1024	1.5	38.7	40.5	64.7	-24.5
-2.29		Min Cent	-21.9	-83.7	-2.5	-21.8	-83.8
-0.37		1709	-1.1	-384.3	-2.5	-1.1	-384.3
-2.34		1712	-1.1	-61.5	-2.5	-1.0	-61.6
-7.93		815	-44.1	-61.5	-2.5	-43.8	-61.9
-0.42		1024	-44.1	-384.3	-2.5	-44.1	-384.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

33.44		Max Cent	4.6	1.7	3.4	6.8	-0.5
70.35		1709	0.7	8.1	3.1	9.2	-0.4
68.42		1712	2.4	8.5	2.9	9.6	1.3
86.26		815	18.2	63.0	2.9	63.2	18.0
14.04		1024	18.1	6.3	3.1	18.9	5.6
-43.66		Min Cent	-0.3	-2.1	-18.8	17.6	-20.1
-43.01		1709	-2.7	-5.2	-17.7	13.8	-21.7
-18.01		1712	-13.0	-58.0	-16.4	-7.6	-63.3
-39.52		815	-3.8	-8.5	-12.3	6.3	-18.7
-32.61		1024	-0.6	-13.2	-13.6	8.1	-21.9
		NODE	Vxx	Vyy			
		Max Cent	0.0	0.0			
		1709	0.0	0.0			
		1712	0.0	0.0			
		815	0.0	0.0			
		1024	0.0	0.0			
		Min Cent	-0.0	-0.1			
		1709	-0.0	-0.0			
		1712	-0.0	-0.1			
		815	-0.0	-0.1			
		1024	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-15.0	-17.1	15.7	-0.3	-31.8

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	Company		Client	
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43.12							
		1709	0.6	-287.8	15.7	1.4	-288.7
3.12							
		1712	0.6	253.6	15.7	254.6	-0.4
86.45							
		815	-30.6	253.6	15.7	254.5	-31.5
86.84							
		1024	-30.6	-287.8	15.7	-29.6	-288.8
3.49							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-38.98		Cent	3.2	-1.2	-10.3	11.5	-9.5
-49.80		1709	-2.9	0.5	-10.0	8.9	-11.4
-14.28		1712	-8.6	-40.5	-8.7	-6.4	-42.7
-79.49		815	13.7	42.1	-5.5	43.1	12.7
-18.95		1024	10.7	-6.7	-6.8	13.0	-9.1

		NODE	Vxx	Vyy
		Cent	0.0	-0.0
		1709	-0.0	0.0
		1712	-0.0	-0.1
		815	0.0	-0.1
		1024	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-87.12	vento -y	Cent	-0.1	0.3	-0.0	0.3	-0.1
-0.40		1709	0.1	-3.2	-0.0	0.1	-3.2
-89.65		1712	0.1	3.9	-0.0	3.9	0.1
-89.69		815	-0.3	3.9	-0.0	3.9	-0.3
-0.45		1024	-0.3	-3.2	-0.0	-0.3	-3.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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42.87		Cent	0.0	0.0	0.1	0.1	-0.1
39.73		1709	-0.1	-0.1	0.1	-0.0	-0.1
18.16		1712	0.1	-0.1	0.1	0.1	-0.1
68.64		815	-0.1	0.1	0.1	0.2	-0.1
37.92		1024	0.1	0.1	0.1	0.2	0.0

		NODE	Vxx	Vyy
		Cent	0.0	-0.0
		1709	-0.0	-0.0
		1712	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			815	0.0	-0.0		
			1024	0.0	-0.0		
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	-1.5	0.8	-2.3	2.2	-3.0
-58.56		1709	-0.2	-85.3	-2.3	-0.2	-85.4
-1.56		1712	-0.2	87.0	-2.3	87.0	-0.3
-88.48		815	-2.9	87.0	-2.3	87.0	-2.9
-88.53		1024	-2.9	-85.3	-2.3	-2.8	-85.4
-1.60							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.7	-1.8	-2.1	1.9	-3.0
-29.25		1709	-0.6	1.2	-2.2	2.7	-2.1
-55.96		1712	-2.3	-5.8	-1.4	-1.7	-6.3
-19.47		815	5.8	3.5	-1.0	6.2	3.1
-19.69		1024	-0.2	-6.2	-1.8	0.3	-6.7
-15.22							
		NODE	Vxx	Vyy			

		Cent	-0.0	0.0			
		1709	-0.0	0.0			
		1712	-0.0	-0.0			
		815	-0.0	-0.0			
		1024	-0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	-7.4	-4.4	6.7	1.0	-12.8
51.23		1709	0.3	-163.9	6.7	0.6	-164.2
2.34		1712	0.3	155.1	6.7	155.4	0.0
87.52		815	-15.1	155.1	6.7	155.3	-15.4
87.74		1024	-15.1	-163.9	6.7	-14.8	-164.2
2.58							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	1.7	-1.0	-7.0	7.5	-6.8
-39.63		1709	-1.4	1.7	-6.7	7.0	-6.7
-51.46		1712	-5.3	-23.5	-5.9	-3.5	-25.3
-16.43		815	8.3	23.8	-4.2	24.8	7.2

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-75.77
-21.24

1024 5.0 -5.9 -5.0 7.0 -7.8

NODE	Vxx	Vyy
Cent	0.0	-0.0
1709	-0.0	0.0
1712	-0.0	-0.0
815	0.0	-0.0
1024	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
49.56	INV TO~1	Max	Cent	-6.1	14.5	61.4	66.0	-56.7
25.36			1709	2.3	-98.2	61.4	31.5	-127.3
85.16			1712	2.3	694.8	61.4	699.8	-1.3
85.27			815	-12.3	694.8	61.4	699.7	-18.3
27.52			1024	-12.3	-98.2	61.4	19.7	-130.2
0.78		Min	Cent	-38.5	-117.4	1.1	-38.5	-117.6
0.08			1709	-1.4	-768.0	1.1	-1.4	-768.0
86.36			1712	-1.4	51.7	1.1	51.9	-3.8
88.47			815	-77.5	51.7	1.1	51.8	-77.5
0.09			1024	-77.5	-768.0	1.1	-77.5	-768.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-41.89	Max	Cent	8.6	1.3	-1.4	32.8	1.1
-45.67		1709	-0.5	13.9	-1.6	28.0	-0.7
-7.32		1712	-1.6	-10.3	-1.1	-1.5	-10.4
-89.12		815	38.6	112.3	-0.2	112.4	38.6
-0.43		1024	29.5	2.7	-0.2	29.5	2.7
-11.30	Min	Cent	1.2	-5.6	-34.5	8.2	-36.6
-83.21		1709	-5.6	-5.3	-32.8	12.9	-37.6
-17.74		1712	-25.0	-107.7	-29.4	-15.6	-117.1
-50.90		815	1.8	10.5	-21.8	27.4	-15.1
-28.07		1024	3.9	-29.8	-25.1	17.3	-43.2

NODE	Vxx	Vyy
Max Cent	0.0	-0.0
1709	-0.0	0.1
1712	-0.0	-0.0
815	0.1	-0.0

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Min	1024	0.1	0.1
Cent	1709	-0.0	-0.1
	1712	-0.0	-0.0
	815	-0.0	-0.2
	1024	0.0	-0.2
		0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

49.56	INV TO~2	Max Cent	-6.1	14.5	61.4	66.0	-43.0
25.36		1709	2.3	-98.2	61.4	31.5	-127.3
85.16		1712	2.3	694.8	61.4	699.8	-0.6
85.27		815	-12.3	694.8	61.4	699.7	-18.3
27.52		1024	-12.3	-98.2	61.4	19.7	-130.2
0.78		Min Cent	-38.5	-117.4	1.1	-38.5	-117.6
0.08		1709	-1.4	-768.0	1.1	-1.4	-768.0
86.36		1712	-1.4	51.7	1.1	51.9	-3.8
88.47		815	-77.5	51.7	1.1	51.8	-77.5
0.09		1024	-77.5	-768.0	1.1	-77.5	-768.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-41.89	Max Cent	8.6	1.3	-1.4	32.8	1.1
-45.67		1709	-0.5	13.9	-1.6	-0.7
-7.32		1712	-1.6	-10.3	-1.1	-10.4
-89.12		815	38.6	112.3	-0.2	112.4
-0.43		1024	29.5	2.7	-0.2	29.5
-11.30	Min Cent	1.2	-5.6	-34.5	8.2	-36.6
-49.80		1709	-5.6	-5.3	-32.8	12.0
-17.74		1712	-25.0	-107.7	-29.4	-117.1
-50.90		815	1.8	10.5	-21.8	27.4
-28.07		1024	3.9	-29.8	-25.1	17.3

	NODE	Vxx	Vyy
Max	Cent	0.0	-0.0
	1709	-0.0	0.1
	1712	-0.0	-0.0
	815	0.1	-0.0
	1024	0.1	0.1
Min	Cent	-0.0	-0.1
	1709	-0.0	-0.0
	1712	-0.0	-0.2
	815	0.0	-0.2

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
					1024	0.0	-0.0			

1116	2	12	c mob-a	Max	Cent	0.6	55.3	88.0	120.1	-64.2
	53.64				1551	0.1	5.6	88.0	90.9	-85.1
	45.89				1552	0.1	140.0	88.0	182.4	-42.3
	64.24				795	2.7	140.0	88.0	182.9	-40.3
	63.98				886	2.7	5.6	88.0	92.1	-83.8
	45.48			Min	Cent	-52.0	-331.2	-19.6	-50.6	-332.5
	-3.99				1551	-31.1	-84.4	-19.6	-24.7	-90.8
	-18.13				1552	-31.1	-604.6	-19.6	-30.4	-605.3
	-1.95				795	-82.3	-604.6	-19.6	-81.5	-605.4
	-2.14				886	-82.3	-84.4	-19.6	-63.7	-102.9
	-43.41									
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	0.5	0.9	5.8	6.5	-5.1
	46.12				1551	3.7	14.1	5.1	16.1	1.7
	67.73				1552	7.1	20.4	4.9	22.1	5.5
	71.73				795	11.4	31.5	4.4	32.4	10.5
	78.15				886	5.2	15.1	4.5	16.9	3.4
	68.67			Min	Cent	-0.3	-1.4	-10.4	9.6	-11.3
	-43.39				1551	-4.7	-16.4	-8.6	-0.2	-21.0
	-27.84				1552	-10.0	-31.1	-8.5	-6.9	-34.1
	-19.44				795	-8.2	-22.0	-8.3	-4.3	-25.9
	-25.15				886	-4.8	-14.5	-8.4	0.0	-19.3
	-29.90									
					NODE	Vxx	Vyy			
				Max	Cent	0.0	0.0			
					1551	0.0	0.0			
					1552	0.0	0.0			
					795	0.0	0.0			
					886	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					1551	-0.0	-0.0			
					1552	-0.0	-0.1			
					795	-0.0	-0.1			
					886	-0.0	-0.0			
			LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

			ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	c mob-b	Max	Cent	1.1	83.8	95.8	146.8	-61.9
56.68			1551	0.2	5.6	95.8	98.7	-92.9
45.80			1552	0.2	211.9	95.8	248.8	-36.7
68.92			795	4.9	211.9	95.8	249.4	-32.6
68.61			886	4.9	5.6	95.8	101.0	-90.5
45.10		Min	Cent	-55.7	-354.3	-30.3	-52.7	-357.3
-5.74			1551	-33.7	-107.9	-30.3	-22.9	-118.7
-19.62			1552	-33.7	-635.5	-30.3	-32.2	-637.0
-2.88			795	-88.6	-635.5	-30.3	-86.9	-637.1
-3.16			886	-88.6	-107.9	-30.3	-66.4	-130.1
-36.18								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	0.5	1.1	6.4	7.3	-5.6
46.37			1551	4.9	18.2	5.2	20.0	3.1
70.86			1552	7.9	23.0	5.4	24.7	6.2
72.13			795	12.2	33.7	5.0	34.9	11.1
77.50			886	7.2	20.7	5.1	22.4	5.5
71.61		Min	Cent	-0.4	-1.7	-11.6	10.6	-12.6
-43.37			1551	-6.4	-22.1	-9.5	-1.9	-26.6
-25.26			1552	-11.6	-33.9	-9.5	-8.1	-37.4
-20.15			795	-9.3	-24.8	-9.3	-5.0	-29.1
-25.11			886	-6.1	-18.5	-9.3	-1.1	-23.5
-28.02								
			NODE	Vxx	Vyy			
		Max	Cent	0.0	0.0			
			1551	0.0	0.0			
			1552	0.0	0.0			
			795	0.0	0.0			
			886	0.0	0.0			
		Min	Cent	-0.0	-0.0			
			1551	-0.0	-0.0			
			1552	-0.0	-0.1			
			795	-0.0	-0.1			
			886	-0.0	-0.0			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp		Cent	-68.0	-232.1	33.2	-61.6	-238.5
11.01			1551	-43.2	-126.7	33.2	-31.6	-138.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

19.23		1552	-43.2	-337.4	33.2	-39.5	-341.1
6.35		795	-92.9	-337.4	33.2	-88.5	-341.9
7.59		886	-92.9	-126.7	33.2	-72.6	-147.0
31.51							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-0.3	-1.1	1.2	0.5	-2.0
35.75		1551	-3.4	-9.0	1.2	-3.2	-9.2
11.41		1552	-0.9	-5.8	1.2	-0.7	-6.1
12.77		795	-1.0	2.6	0.8	2.8	-1.2
78.80		886	4.1	7.7	0.8	7.9	4.0
78.42							

		NODE	Vxx	Vyy
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		Cent	0.0	-0.0
		1551	-0.0	-0.0
		1552	-0.0	-0.0
		795	0.0	-0.0
		886	0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-3.1	-9.3	1.8	-2.6	-9.8
14.71		1551	-3.1	-4.2	1.8	-1.8	-5.5
36.69		1552	-3.1	-14.5	1.8	-2.9	-14.8
8.63		795	-3.0	-14.5	1.8	-2.8	-14.8
8.55		886	-3.0	-4.2	1.8	-1.7	-5.5
35.94							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	-0.0	-0.0	0.2	0.2	-0.3
42.73		1551	-0.1	-0.3	0.2	0.1	-0.4
31.99		1552	0.2	0.5	0.2	0.6	0.1
64.54		795	-0.2	-0.6	0.2	-0.2	-0.7
21.26		886	0.1	0.2	0.2	0.4	-0.0
53.61							

		NODE	Vxx	Vyy
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		Cent	0.0	0.0
		1551	0.0	-0.0
		1552	0.0	0.0
		795	0.0	0.0
		886	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-76.67	cedime~1	Cent	12.5	29.7	-4.3	30.8	11.5
-73.44		1551	9.7	22.9	-4.3	24.2	8.4
-81.10		1552	9.7	36.6	-4.3	37.3	9.0
-78.90		795	15.4	36.6	-4.3	37.4	14.6
-65.47		886	15.4	22.9	-4.3	24.9	13.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.63		Cent	-0.1	0.2	2.0	2.0	-1.9
44.10		1551	-0.1	-0.2	1.7	1.5	-1.9
71.40		1552	1.9	6.2	1.6	6.8	1.4
19.45		795	-2.1	-6.0	1.6	-1.5	-6.5
50.38		886	0.1	0.7	1.6	2.0	-1.3
		NODE	Vxx	Vyy			
		Cent	0.0	0.0			
		1551	-0.0	-0.0			
		1552	-0.0	0.0			
		795	0.0	0.0			
		886	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.82	perm	Cent	-20.6	-37.6	-0.2	-20.6	-37.6
-0.34		1551	-15.2	-56.2	-0.2	-15.2	-56.2
-3.69		1552	-15.2	-19.0	-0.2	-15.2	-19.0
-88.00		795	-25.9	-19.0	-0.2	-19.0	-25.9
-0.46		886	-25.9	-56.2	-0.2	-25.9	-56.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
12.48		Cent	-0.1	-0.4	0.1	-0.1	-0.4
3.11		1551	-1.1	-3.1	0.1	-1.1	-3.1
2.92		1552	-0.8	-3.0	0.1	-0.8	-3.0
-89.19		795	-0.2	1.8	-0.0	1.8	-0.2
		886	1.5	2.6	-0.0	2.6	1.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.40

NODE	Vxx	Vyy
Cent	0.0	-0.0
1551	-0.0	-0.0
1552	-0.0	-0.0
795	0.0	-0.0
886	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
57.08	INV TO~1	Max	Cent	-6.6	105.3	129.1	186.1	-87.4
42.65			1551	-5.2	-25.7	129.1	109.7	-140.6
70.54			1552	-5.2	303.6	129.1	347.7	-49.3
70.47			795	-3.9	303.6	129.1	347.8	-48.1
42.50			886	-3.9	-25.7	129.1	110.4	-140.0
-5.54		Min	Cent	-95.8	-515.9	-45.5	-91.8	-519.9
-15.13			1551	-60.7	-201.9	-45.5	-49.6	-213.0
-2.88			1552	-60.7	-876.9	-45.5	-58.6	-878.9
-3.21			795	-145.6	-876.9	-45.5	-143.3	-879.2
-27.82			886	-145.6	-201.9	-45.5	-123.8	-223.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-43.11	Max	Cent	0.5	1.3	10.7	13.9	-7.9
65.89		1551	5.5	21.5	8.9	25.2	2.8
70.52		1552	11.8	34.2	9.0	37.4	8.6
78.24		795	16.3	47.3	8.3	48.7	14.9
69.99		886	11.2	31.2	8.4	34.3	9.0
45.91	Min	Cent	-0.7	-2.7	-15.6	9.6	-17.3
-21.79		1551	-9.8	-33.1	-12.8	-5.4	-38.5
-19.03		1552	-16.4	-48.8	-12.7	-12.0	-53.2
-21.97		795	-14.9	-37.6	-12.5	-10.4	-42.0
-27.70		886	-6.7	-22.4	-12.5	-0.9	-29.3

NODE	Vxx	Vyy	
Max	Cent	0.0	0.0
	1551	0.0	0.0
	1552	0.0	0.1
	795	0.0	0.1
	886	0.0	0.0
Min	Cent	-0.0	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1551 -0.0 -0.1
 1552 -0.0 -0.1
 795 -0.0 -0.1
 886 -0.0 -0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.08	INV TO~2	Max Cent	-6.6	105.3	129.1	186.1	-87.4
42.65		1551	-5.2	-25.7	129.1	109.7	-140.6
70.54		1552	-5.2	303.6	129.1	347.7	-49.3
70.47		795	-3.9	303.6	129.1	347.8	-48.1
42.50		886	-3.9	-25.7	129.1	110.4	-140.0
-5.54		Min Cent	-95.8	-515.9	-45.5	-91.8	-519.9
-15.13		1551	-60.7	-201.9	-45.5	-49.6	-213.0
-2.88		1552	-60.7	-876.9	-45.5	-58.6	-878.9
-3.21		795	-145.6	-876.9	-45.5	-143.3	-879.2
-27.82		886	-145.6	-201.9	-45.5	-123.8	-223.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-43.11	Max Cent	0.5	1.3	10.7	13.9	-2.7
65.89	1551	5.5	21.5	8.9	25.2	2.8
70.52	1552	11.8	34.2	9.0	37.4	8.6
78.24	795	16.3	47.3	8.3	48.7	14.9
69.99	886	11.2	31.2	8.4	34.3	9.0
35.75	Min Cent	-0.7	-2.7	-15.6	0.7	-17.3
-21.79	1551	-9.8	-33.1	-12.8	-5.4	-38.5
-19.03	1552	-16.4	-48.8	-12.7	-12.0	-53.2
-21.97	795	-14.9	-37.6	-12.5	-10.4	-42.0
-27.70	886	-6.7	-22.4	-12.5	-0.9	-29.3

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1551	0.0	0.0
	1552	0.0	0.1
	795	0.0	0.1
	886	0.0	0.0
Min	Cent	-0.0	-0.1
	1551	-0.0	-0.1
	1552	-0.0	-0.1
	795	-0.0	-0.1
	886	-0.0	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1126	2	12	c mob-a	Max Cent	3.7	28.4	53.2	70.6	-38.5
	51.53			1710	5.3	3.4	53.2	57.5	-48.8
	44.50			1711	5.3	82.3	53.2	109.4	-21.9
	62.96			814	5.4	82.3	53.2	109.5	-21.8
	62.94			1025	5.4	3.4	53.2	57.6	-48.8
	44.48			Min Cent	-34.4	-212.1	-1.0	-34.4	-212.1
	-0.32			1710	-4.2	-196.1	-1.0	-4.2	-196.1
	-0.30			1711	-4.2	-263.6	-1.0	-4.2	-263.6
	-0.22			814	-68.3	-263.6	-1.0	-68.3	-263.6
	-0.29			1025	-68.3	-196.1	-1.0	-68.3	-196.2
	-0.45								
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	5.5	0.8	9.6	13.0	-6.7
	38.10			1710	4.3	1.1	7.8	10.7	-5.3
	39.15			1711	3.6	12.8	9.4	18.7	-2.3
	57.93			814	17.2	30.3	10.0	35.7	11.8
	61.71			1025	9.7	8.2	8.9	17.9	0.0
	42.53			Min Cent	-0.7	-2.4	-6.5	5.1	-8.1
	-41.19			1710	-2.3	-14.2	-5.3	-0.3	-16.2
	-20.74			1711	-7.4	-29.2	-5.6	-6.1	-30.6
	-13.65			814	-1.9	-16.2	-5.4	-0.1	-18.0
	-18.72			1025	-3.4	-1.8	-5.1	2.6	-7.8
	-49.40								
				Max Cent	0.0	0.0			
				1710	0.0	0.0			
				1711	0.0	0.0			
				814	0.0	0.0			
				1025	0.0	0.0			
				Min Cent	-0.0	-0.0			
				1710	-0.0	-0.0			
				1711	-0.0	-0.1			
				814	-0.0	-0.1			
				1025	-0.0	-0.0			
ANGLE			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

66.44	c mob-b	Max	Cent	9.0	73.2	34.6	88.3	-6.1
43.22			1710	10.3	6.0	34.6	42.8	-26.5
79.54			1711	10.3	191.2	34.6	197.5	3.9
79.45			814	12.0	191.2	34.6	197.6	5.6
42.52			1025	12.0	6.0	34.6	43.7	-25.7
-2.42		Min	Cent	-27.7	-126.7	-4.2	-27.6	-126.9
-1.42			1710	-2.8	-171.8	-4.2	-2.7	-171.9
-1.90			1711	-2.8	-129.1	-4.2	-2.6	-129.2
-3.26			814	-55.8	-129.1	-4.2	-55.6	-129.3
-2.07			1025	-55.8	-171.8	-4.2	-55.7	-171.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.25		Max	Cent	5.3	1.2	12.3	15.7	-9.1
38.86			1710	5.2	1.0	9.7	13.0	-6.9
60.88			1711	5.0	19.5	11.8	26.1	-1.6
68.58			814	17.7	44.5	12.4	49.3	12.9
41.12			1025	9.5	6.4	11.3	19.3	-3.4
-44.13		Min	Cent	-1.8	-2.5	-11.2	9.1	-13.4
-33.30			1710	-3.6	-11.6	-9.2	2.4	-17.6
-18.06			1711	-8.9	-38.3	-10.7	-5.4	-41.8
-24.34			814	-4.7	-20.6	-9.0	-0.7	-24.7
-53.42			1025	-7.6	-3.1	-7.5	2.5	-13.2

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	1710		0.0	0.0
	1711		0.0	0.0
	814		0.0	0.0
	1025		0.0	0.0
Min	Cent		-0.0	-0.0
	1710		-0.0	-0.0
	1711		-0.0	-0.1
	814		-0.0	-0.1
	1025		-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.41	pp	Cent	-14.3	-31.7	32.1	10.2	-56.2
8.94		1710	11.1	-187.8	32.1	16.1	-192.8
		1711	11.1	124.4	32.1	132.8	2.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

75.25							
	814	-39.7	124.4	32.1	130.4	-45.7	
79.33							
	1025	-39.7	-187.8	32.1	-33.0	-194.4	
11.70							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	2.2	-3.6	-0.4	2.2	-3.7	
-4.23							
	1710	3.9	-12.7	-0.3	3.9	-12.7	
-1.04							
	1711	-5.1	-33.9	-1.5	-5.0	-34.0	
-3.06							
	814	11.5	32.6	2.5	32.9	11.3	
83.40							
	1025	-1.6	-0.6	3.7	2.6	-4.8	
48.61							

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	1710	0.0	-0.0
	1711	0.0	-0.1
	814	-0.0	-0.1
	1025	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-1.0	-5.3	0.1	-1.0	-5.3
1.94							
		1710	-0.4	-1.7	0.1	-0.4	-1.7
6.09							
		1711	-0.4	-8.8	0.1	-0.4	-8.8
0.99							
		814	-1.6	-8.8	0.1	-1.6	-8.8
1.15							
		1025	-1.6	-1.7	0.1	-1.5	-1.8
30.75							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	0.2	-0.1	0.7	0.9	-0.7	
39.14							
	1710	-0.1	-0.1	0.6	0.5	-0.8	
43.90							
	1711	0.3	1.6	0.8	2.0	-0.0	
64.91							
	814	0.1	-2.0	0.6	0.2	-2.2	
15.35							
	1025	0.7	0.3	0.5	1.0	-0.0	
32.99							

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	1710	0.0	-0.0
	1711	0.0	0.0
	814	-0.0	0.0
	1025	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-78.54	cedime~1	Cent	32.7	192.5	-33.8	199.4	25.8
-73.97		1710	5.7	113.6	-33.8	123.4	-4.0
-82.86		1711	5.7	271.3	-33.8	275.6	1.4
-81.14		814	59.6	271.3	-33.8	276.6	54.4
-64.31		1025	59.6	113.6	-33.8	129.9	43.4
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-53.60		Cent	-5.0	2.9	-12.7	12.3	-14.3
-50.25		1710	2.9	6.7	-10.2	15.2	-5.6
-30.67		1711	-6.3	-20.1	-12.7	1.2	-27.6
-70.86		814	-4.3	26.5	-12.1	30.7	-8.5
-59.57		1025	-12.2	-1.4	-9.7	4.3	-17.9
		NODE	Vxx	Vyy			

		Cent	0.0	-0.0			
		1710	0.0	0.0			
		1711	0.0	-0.1			
		814	0.0	-0.1			
		1025	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

55.76	perm	Cent	-2.8	4.9	9.7	11.5	-9.3
8.90		1710	4.4	-56.0	9.7	5.9	-57.5
81.24		1711	4.4	65.7	9.7	67.2	2.9
82.82		814	-9.9	65.7	9.7	67.0	-11.1
11.40		1025	-9.9	-56.0	9.7	-7.9	-57.9
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-38.34		Cent	0.5	-0.6	-2.2	2.2	-2.3
-16.33		1710	2.2	-3.2	-1.7	2.7	-3.7
-10.53		1711	-2.6	-15.6	-2.5	-2.2	-16.1
-85.21		814	4.2	16.7	-1.0	16.7	4.1
-81.62		1025	-1.9	-0.1	-0.3	-0.1	-1.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	0.0	-0.0
1710	0.0	-0.0
1711	0.0	-0.0
814	-0.0	-0.0
1025	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
79.72	INV TO~1	Max Cent	42.0	296.2	81.5	304.8	33.4
56.84		1710	24.0	65.8	81.5	96.9	-7.1
85.26		1711	24.0	595.1	81.5	599.1	20.1
84.89		814	66.0	595.1	81.5	599.4	61.7
44.94		1025	66.0	65.8	81.5	113.5	18.2
0.99	Min	Cent	-49.2	-281.5	-29.8	-49.1	-281.6
0.72		1710	-1.3	-320.8	-29.8	-1.2	-320.8
0.80		1711	-1.3	-290.1	-29.8	-1.2	-290.2
1.23		814	-102.1	-290.1	-29.8	-102.0	-290.2
1.05		1025	-102.1	-320.8	-29.8	-102.0	-320.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-47.81	Max	Cent	7.9	4.0	14.3	1.8
-35.97		1710	12.1	4.9	11.4	4.7
51.99		1711	4.1	10.7	13.4	-6.4
87.45		814	28.2	103.2	15.7	103.3
44.71		1025	11.3	11.0	15.0	26.1
53.96	Min	Cent	-6.9	-3.9	-30.1	5.2
-27.57		1710	-2.7	-22.4	-24.3	4.6
-16.41		1711	-21.0	-87.5	-29.7	-9.7
-35.59		814	-6.4	-11.2	-25.4	7.3
-55.41		1025	-24.3	-5.6	-20.1	2.9

NODE	Vxx	Vyy
Max Cent	0.0	0.0
1710	0.0	0.0
1711	0.0	0.0
814	0.0	0.0
1025	0.0	0.0
Min Cent	-0.0	-0.1
1710	-0.0	-0.0
1711	-0.0	-0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

				814	-0.0	-0.2			
				1025	-0.0	-0.0			
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
		INV TO~2	Max	Cent	42.0	296.2	81.5	304.8	33.4
79.72				1710	24.0	65.8	81.5	96.9	-7.1
56.84				1711	24.0	595.1	81.5	599.1	20.1
85.26				814	66.0	595.1	81.5	599.4	61.7
84.89				1025	66.0	65.8	81.5	113.5	18.2
44.94			Min	Cent	-49.2	-281.5	-29.8	-49.1	-281.6
0.99				1710	-1.3	-320.8	-29.8	-1.2	-320.8
0.72				1711	-1.3	-290.1	-29.8	-1.2	-290.2
0.80				814	-102.1	-290.1	-29.8	-102.0	-290.2
1.23				1025	-102.1	-320.8	-29.8	-102.0	-320.8
1.05									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									
			Max	Cent	7.9	4.0	14.3	26.2	1.8
-47.81				1710	12.1	4.9	11.4	17.8	4.7
-35.97				1711	4.1	10.7	13.4	21.2	-6.4
51.99				814	28.2	103.2	15.7	103.3	23.8
87.45				1025	11.3	11.0	15.0	26.1	-3.1
44.71			Min	Cent	-6.9	-4.9	-30.1	3.0	-34.2
-4.23				1710	-2.7	-22.4	-24.3	4.6	-33.3
-27.57				1711	-21.0	-87.5	-29.7	-9.7	-98.8
-16.41				814	-6.4	-11.2	-25.4	7.3	-23.2
-35.59				1025	-24.3	-5.6	-20.1	2.9	-37.1
-55.41									
				NODE	Vxx	Vyy			
			Max	Cent	0.0	0.0			
				1710	0.0	0.0			
				1711	0.0	0.0			
				814	0.0	0.0			
				1025	0.0	0.0			
			Min	Cent	-0.0	-0.1			
				1710	-0.0	-0.0			
				1711	-0.0	-0.2			
				814	-0.0	-0.2			
				1025	-0.0	-0.0			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE										
1127	2	15	c mob-a	Max	Cent	33.6	19.8	13.9	42.2	11.2
31.73					1707	28.9	4.9	13.9	35.2	-1.4
24.59					1022	28.9	53.0	13.9	59.3	22.6
65.50					1024	38.4	53.0	13.9	61.4	30.0
58.89					1709	38.4	4.9	13.9	43.4	-0.1
19.82				Min	Cent	-146.9	-4.4	-12.9	-3.2	-148.0
-84.87					1707	-152.5	-19.7	-12.9	-18.4	-153.8
-84.50					1022	-152.5	-10.9	-12.9	-9.8	-153.7
-84.84					1024	-141.4	-10.9	-12.9	-9.7	-142.7
-84.40					1709	-141.4	-19.7	-12.9	-18.3	-142.7
-84.01										

ANGLE

ANGLE						NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent		7.5	0.8	5.0	10.2	-1.9
28.18					1707		3.8	0.8	4.1	6.7	-2.0
34.76					1022		13.4	7.6	5.7	16.9	4.1
31.56					1024		6.3	0.9	5.5	9.7	-2.5
31.90					1709		13.1	2.4	3.9	14.4	1.2
17.91				Min	Cent		-2.9	-1.0	-1.9	0.2	-4.1
-58.30					1707		-5.9	-2.9	-1.6	-2.2	-6.6
-66.65					1022		-3.4	-1.8	-2.2	-0.2	-4.9
-55.12					1024		-2.2	-4.9	-2.2	-1.0	-6.1
-29.00					1709		-5.6	-1.7	-1.7	-1.1	-6.3
-69.69											

NODE Vxx Vyy

			Vxx	Vyy
Max	Cent		0.0	0.0
	1707		0.0	0.0
	1022		0.0	0.0
	1024		0.0	0.0
	1709		0.0	0.0
Min	Cent		-0.0	-0.0
	1707		-0.0	-0.0
	1022		-0.0	-0.0
	1024		-0.0	-0.0
	1709		-0.0	-0.0

ANGLE

ANGLE		LC								
50.04			c mob-b	Max	Cent	26.2	37.8	32.4	64.9	-0.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

37.30		1707	22.1	4.2	32.4	46.8	-20.5
69.87		1022	22.1	98.7	32.4	110.6	10.2
68.24		1024	30.4	98.7	32.4	111.6	17.5
34.01		1709	30.4	4.2	32.4	52.3	-17.6
-84.86	Min	Cent	-314.1	-6.1	-27.9	-3.6	-316.7
-84.81		1707	-340.0	-35.1	-27.9	-32.6	-342.6
-85.23		1022	-340.0	-7.7	-27.9	-5.4	-342.4
-84.49		1024	-294.5	-7.7	-27.9	-5.0	-297.1
-83.92		1709	-294.5	-35.1	-27.9	-32.1	-297.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	14.6	1.2	10.8	20.6	-4.8
29.10		1707	7.3	1.9	9.0	14.0	-4.8
36.57		1022	28.4	14.6	11.5	34.9	8.1
29.53		1024	12.0	0.7	11.3	19.0	-6.2
31.74		1709	24.4	4.5	8.9	27.8	1.1
20.90	Min	Cent	-2.2	-1.5	-1.6	-0.2	-3.5
-50.86		1707	-7.1	-7.0	-1.4	-5.6	-8.5
-45.24		1022	-3.3	-1.9	-1.8	-0.7	-4.5
-55.92		1024	-1.6	-10.5	-1.7	-1.3	-10.8
-10.74		1709	-3.6	-2.2	-1.4	-1.3	-4.5
-58.68							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1707	0.0	0.0
		1022	0.0	0.0
		1024	0.0	0.0
		1709	0.0	0.0
Min	Cent		-0.0	-0.0
		1707	-0.0	-0.0
		1022	-0.0	-0.0
		1024	-0.0	-0.0
		1709	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	-228.7	33.6	-15.5	34.5	-229.6
-86.64		1707	-240.8	-20.6	-15.5	-19.5	-241.9
-86.00		1022	-240.8	87.7	-15.5	88.4	-241.5
-87.31		1024	-216.6	87.7	-15.5	88.5	-217.4

PROJECT TITLE :

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-87.10
-85.51

1709 -216.6 -20.6 -15.5 -19.4 -217.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

24.30 Cent 10.4 -1.6 6.8 13.5 -4.6

28.13 1707 2.1 -4.9 5.3 5.0 -7.7

30.21 1022 11.3 2.1 8.1 16.0 -2.6

21.70 1024 8.6 -7.2 7.5 11.6 -10.2

15.09 1709 19.6 3.7 4.6 20.9 2.5

NODE Vxx Vyy

Cent 0.0 0.0

1707 -0.0 -0.0

1022 -0.0 0.0

1024 0.0 0.0

1709 0.0 -0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

86.18 vento -y Cent -2.4 0.3 0.2 0.3 -2.4

85.61 1707 -2.3 0.0 0.2 0.0 -2.4

86.46 1022 -2.3 0.6 0.2 0.6 -2.3

86.62 1024 -2.5 0.6 0.2 0.6 -2.5

85.85 1709 -2.5 0.0 0.2 0.0 -2.5

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-10.09 Cent 0.1 -0.0 -0.0 0.1 -0.0

-14.00 1707 0.2 -0.0 -0.1 0.2 -0.0

80.99 1022 -0.1 -0.1 0.0 -0.1 -0.1

2.18 1024 0.1 -0.0 0.0 0.1 -0.0

-13.28 1709 0.3 0.1 -0.1 0.3 0.0

NODE Vxx Vyy

Cent 0.0 -0.0

1707 0.0 -0.0

1022 0.0 0.0

1024 0.0 0.0

1709 0.0 -0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-80.44      cedime~1      Cent      -47.8      6.5      -9.4      8.1      -49.4
-66.44      1707      -29.8     -12.3     -9.4     -8.2     -33.9
-80.55      1022      -29.8     25.3     -9.4     26.8     -31.3
-84.17      1024      -65.9     25.3     -9.4     26.2     -66.9
-80.33      1709      -65.9     -12.3     -9.4     -10.7     -67.5

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
22.88      Cent      3.4      0.1      1.7      4.1      -0.6
25.41      1707      3.6      1.4      1.4      4.3      0.7
37.50      1022      -0.2     -1.6     2.6      1.8     -3.6
22.60      1024      3.3     -0.8     2.0      4.1     -1.6
8.04      1709      7.0      1.4      0.8      7.1      1.3

          NODE      Vxx      Vyy
-----
          Cent      0.0      0.0
          1707      0.0      0.0
          1022      0.0      0.0
          1024      0.0      0.0
          1709      0.0      0.0

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-86.07      perm      Cent      -128.5     16.9     -10.0     17.6     -129.2
-85.27      1707      -132.6    -12.3    -10.0    -11.5    -133.5
-86.80      1022      -132.6     46.1    -10.0     46.6    -133.2
-86.64      1024      -124.3     46.1    -10.0     46.7    -124.9
-84.92      1709      -124.3    -12.3    -10.0    -11.4    -125.2

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
25.47      Cent      6.5     -0.5     4.3      8.5     -2.6
27.52      1707      2.9     -1.9     3.4      4.7     -3.7
33.16      1022      5.9      1.4     5.1      9.2     -1.9
22.94      1024      5.4     -3.8     4.8      7.5     -5.8
16.74      1709     11.6      2.1     3.1     12.5      1.2

          NODE      Vxx      Vyy
-----

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Cent	0.0	0.0
1707	-0.0	-0.0
1022	-0.0	0.0
1024	0.0	0.0
1709	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
83.33	INV TO~1	Max	Cent	-83.1	74.4	33.7	77.2	-90.3
71.26		1707		-93.7	-5.7	33.7	5.8	-105.1
85.78		1022		-93.7	204.6	33.7	206.4	-97.8
85.96		1024		-72.5	204.6	33.7	206.3	-76.9
67.36		1709		-72.5	-5.7	33.7	8.4	-86.5
-85.17		Min	Cent	-600.4	8.7	-57.2	12.7	-605.7
-84.12		1707		-621.5	-72.0	-57.2	-66.1	-627.3
-85.64		1022		-621.5	31.3	-57.2	34.9	-626.3
-85.10		1024		-587.7	31.3	-57.2	35.4	-592.8
-83.75		1709		-587.7	-72.0	-57.2	-65.7	-594.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
27.71	Max	Cent	29.6	1.3	20.6	40.4	-3.1	
33.49		1707		16.4	2.0	17.0	27.7	-9.2
31.11		1022		44.2	21.2	23.2	58.0	9.1
28.64		1024		24.9	-2.6	22.0	36.9	-13.8
18.64		1709		51.4	9.7	15.9	56.8	4.3
17.07	Min	Cent	2.5	-2.6	1.7	3.0	-9.5	
14.09		1707		-6.6	-11.4	1.3	-6.3	-11.7
29.90		1022		1.1	-2.7	2.1	2.5	-5.9
4.98		1024		2.5	-18.7	1.8	2.7	-19.3
9.79		1709		4.0	-0.8	0.9	4.1	-1.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1707	0.0	0.0
	1022	0.0	0.0
	1024	0.0	0.0
	1709	0.0	0.0
Min	Cent	-0.0	0.0
	1707	-0.0	-0.0
	1022	-0.0	0.0
	1024	-0.0	0.0
	1709	-0.0	-0.0

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ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
83.33	INV TO~2	Max	Cent	-83.1	74.4	33.7	77.2	-90.3
71.26			1707	-93.7	-5.7	33.7	5.8	-105.1
85.78			1022	-93.7	204.6	33.7	206.4	-97.8
85.96			1024	-72.5	204.6	33.7	206.3	-76.9
67.36			1709	-72.5	-5.7	33.7	8.4	-86.5
-85.17		Min	Cent	-600.4	8.7	-57.2	12.7	-605.7
-84.12			1707	-621.5	-72.0	-57.2	-66.1	-627.3
-85.64			1022	-621.5	31.3	-57.2	34.9	-626.3
-85.10			1024	-587.7	31.3	-57.2	35.4	-592.8
-83.75			1709	-587.7	-72.0	-57.2	-65.7	-594.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
27.71		Max	Cent	29.6	1.3	20.6	40.4	-3.1
33.49			1707	16.4	2.0	17.0	27.7	-9.2
31.11			1022	44.2	21.2	23.2	58.0	9.1
28.64			1024	24.9	-2.6	22.0	36.9	-13.7
18.64			1709	51.4	9.7	15.9	56.8	4.3
17.07		Min	Cent	2.5	-2.6	1.7	3.0	-9.5
14.09			1707	-6.6	-11.4	1.3	-6.3	-11.7
29.90			1022	1.1	-2.7	2.1	2.5	-5.9
4.98			1024	2.5	-18.7	1.8	2.7	-19.3
9.79			1709	4.0	-0.8	0.9	4.1	-1.0

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	1707		0.0	0.0
	1022		0.0	0.0
	1024		0.0	0.0
	1709		0.0	0.0
Min	Cent		-0.0	0.0
	1707		-0.0	-0.0
	1022		-0.0	0.0
	1024		-0.0	0.0
	1709		-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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1128      2      15  c mob-a  Max  Cent      22.4      12.2      15.4      33.5      1.1
 35.85
 36.12
 56.58
 42.41
 25.01
-57.70
-52.59
-52.82
-61.72
-61.54
  
```

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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 34.35
 37.08
 13.15
 25.69
 33.33
-52.92
-80.57
-63.48
-48.91
-69.02
  
```

			NODE	Vxx	Vyy
Max	Cent			0.0	0.0
			1703	0.0	0.0
			1018	0.0	0.0
			1022	0.0	0.0
			1707	0.0	0.0
Min	Cent			-0.0	-0.0
			1703	-0.0	-0.0
			1018	-0.0	-0.0
			1022	-0.0	-0.0
			1707	-0.0	-0.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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 45.82
 42.44
  
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

65.30		1018	10.9	33.8	13.4	39.9	4.7
55.45		1022	23.6	33.8	13.4	43.0	14.4
30.26		1707	23.6	8.5	13.4	31.4	0.7
-60.01	Min	Cent	-257.6	-19.5	-206.0	99.3	-376.5
-54.43		1703	-168.6	-27.9	-206.0	119.4	-315.9
-55.16		1018	-168.6	-16.0	-206.0	127.4	-311.9
-64.40		1022	-347.3	-16.0	-206.0	82.7	-445.9
-63.89		1707	-347.3	-27.9	-206.0	73.0	-448.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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31.72	Max	Cent	14.5	6.5	8.1	19.5	1.5
38.05		1703	4.1	1.0	6.3	9.0	-4.0
12.01		1018	52.2	24.8	6.1	53.5	23.5
23.03		1022	27.2	10.9	8.5	30.8	7.3
35.55		1707	7.7	1.7	8.7	13.9	-4.5
-52.96	Min	Cent	-1.8	-1.0	-1.3	-0.1	-2.7
-86.15		1703	-21.9	-8.3	-0.9	-8.2	-21.9
-63.45		1018	-3.8	-1.8	-1.4	-1.1	-4.5
-46.56		1022	-3.5	-3.3	-1.7	-1.7	-5.1
-57.70		1707	-7.1	-5.9	-1.2	-5.2	-7.9

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1703	0.0	0.0
		1018	0.0	0.0
		1022	0.0	0.0
		1707	0.0	0.0
Min	Cent		-0.0	-0.0
		1703	-0.1	-0.0
		1018	-0.1	-0.0
		1022	-0.0	-0.0
		1707	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-59.54	pp	Cent	-181.7	8.2	-170.7	108.6	-282.1
-53.95		1703	-114.9	-4.6	-170.7	119.6	-239.2
-55.86		1018	-114.9	21.0	-170.7	136.8	-230.7
-64.14		1022	-248.4	21.0	-170.7	103.8	-331.2
		1707	-248.4	-4.6	-170.7	83.3	-336.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-62.77

ANGLE NODE Mxx Myy Mxy Mmax Mmin

32.09	Cent	10.2	2.4	8.1	15.3	-2.7
86.43	1703	-106.6	-34.1	4.5	-33.8	-106.9
1.81	1018	134.0	46.8	2.8	134.1	46.7
21.44	1022	10.8	0.5	4.8	12.7	-1.4
32.33	1707	2.5	-3.7	6.6	6.7	-7.9

NODE Vxx Vyy

Cent	-0.1	0.0
1703	-0.2	0.0
1018	-0.2	0.0
1022	-0.0	0.0
1707	-0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-67.73	vento -y	Cent	-1.9	0.7	-1.3	1.2	-2.4
-59.68		1703	-1.6	-0.2	-1.3	0.6	-2.3
-70.33		1018	-1.6	1.5	-1.3	1.9	-2.0
-72.89		1022	-2.2	1.5	-1.3	1.9	-2.6
-64.55		1707	-2.2	-0.2	-1.3	0.4	-2.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

10.21	Cent	0.1	-0.0	0.0	0.1	-0.0
69.87	1703	-0.1	-0.0	0.0	-0.0	-0.1
0.67	1018	0.3	0.1	0.0	0.3	0.1
-14.69	1022	-0.2	-0.2	-0.0	-0.2	-0.2
1.43	1707	0.2	0.0	0.0	0.2	0.0

NODE Vxx Vyy

Cent	-0.0	0.0
1703	-0.0	0.0
1018	-0.0	0.0
1022	0.0	0.0
1707	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-52.20	cedime~1	Cent	-30.7	-19.4	-21.9	-2.5	-47.6
-57.70		1703	-23.8	-3.0	-21.9	10.8	-37.6
-37.28		1018	-23.8	-35.9	-21.9	-7.1	-52.5
-46.10		1022	-37.5	-35.9	-21.9	-14.8	-58.6
-64.14		1707	-37.5	-3.0	-21.9	7.6	-48.1

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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45.76		Cent	1.1	1.2	1.3	2.5	-0.2
18.76		1703	1.0	-0.4	0.5	1.1	-0.5
66.03		1018	-1.2	1.0	1.3	1.6	-1.8
56.29		1022	1.2	3.0	2.2	4.5	-0.3
24.53		1707	3.5	1.0	1.4	4.2	0.4

	NODE	Vxx	Vyy
	Cent	0.0	-0.0
	1703	0.0	-0.0
	1018	0.0	-0.0
	1022	0.0	-0.0
	1707	0.0	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-59.82	perm	Cent	-101.7	1.5	-90.7	54.2	-154.5
-54.58		1703	-66.1	-3.2	-90.7	61.4	-130.6
-55.86		1018	-66.1	6.1	-90.7	67.6	-127.6
-64.16		1022	-137.3	6.1	-90.7	50.0	-181.2
-63.24		1707	-137.3	-3.2	-90.7	42.6	-183.0

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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31.69		Cent	4.5	1.1	3.4	6.7	-1.0
64.54		1703	-7.4	-3.6	2.4	-2.4	-8.5
15.94		1018	16.8	8.5	2.6	17.5	7.8
28.37		1022	5.7	0.8	3.7	7.7	-1.3
29.23		1707	3.1	-1.2	3.5	5.1	-3.2

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	1703	-0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1018 -0.0 0.0
 1022 -0.0 0.0
 1707 -0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~1	Max Cent	-71.5	25.7	-69.9	188.3	-108.0
-59.97		1703	-46.7	8.3	-69.9	233.2	-94.3
-54.65		1018	-46.7	51.7	-69.9	239.5	-82.9
-55.34		1022	-96.2	51.7	-69.9	161.6	-124.0
-64.35		1707	-96.2	8.3	-69.9	148.7	-131.2
-63.76		Min Cent	-480.2	-44.3	-390.6	58.6	-709.5
-60.29		1703	-317.5	-43.8	-390.6	55.9	-594.5
-55.73		1018	-317.5	-51.3	-390.6	74.1	-597.0
-57.60		1022	-643.6	-51.3	-390.6	59.4	-837.6
-64.60		1707	-643.6	-43.8	-390.6	43.3	-836.2
-63.40							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max Cent	25.3	11.0	15.6	35.3	1.0
32.77		1703	-1.0	-2.2	11.4	-12.9
43.01		1018	87.2	43.1	12.1	39.9
12.77		1022	43.5	18.4	17.4	9.6
27.07		1707	17.0	2.1	16.8	-8.8
33.01		Min Cent	1.9	-0.3	1.2	2.4
23.81		1703	-36.9	-15.1	0.7	-15.0
86.83		1018	9.3	5.6	0.3	10.1
25.34		1022	0.8	-3.7	1.1	1.1
12.71		1707	-6.4	-9.2	1.4	-5.8
22.88						

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.0
	1703	-0.0	0.0
	1018	-0.0	0.0
	1022	0.0	0.0
	1707	0.0	0.0
Min	Cent	-0.1	0.0
	1703	-0.1	-0.0
	1018	-0.1	0.0
	1022	-0.0	0.0
	1707	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-59.97	INV TO~2	Max Cent	-71.5	25.7	-69.9	188.3	-108.0
-54.65		1703	-46.7	8.3	-69.9	233.2	-94.3
-55.34		1018	-46.7	51.7	-69.9	239.5	-82.9
-64.35		1022	-96.2	51.7	-69.9	161.6	-124.0
-63.76		1707	-96.2	8.3	-69.9	148.7	-131.2
-60.29		Min Cent	-480.2	-44.3	-390.6	58.6	-709.5
-55.73		1703	-317.5	-43.8	-390.6	55.9	-594.5
-57.60		1018	-317.5	-51.3	-390.6	74.1	-597.0
-64.60		1022	-643.6	-51.3	-390.6	59.4	-837.6
-63.40		1707	-643.6	-43.8	-390.6	43.3	-836.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

32.77	Max Cent	25.3	11.0	15.6	35.3	1.0
43.01	1703	-1.0	-2.2	11.4	9.7	-12.9
1.81	1018	181.0	63.2	12.1	181.1	63.1
27.07	1022	43.5	18.4	17.4	52.4	9.6
33.01	1707	17.0	2.1	16.8	27.9	-8.8
23.81	Min Cent	1.9	-0.3	1.2	2.4	-3.7
86.43	1703	-143.9	-46.1	0.7	-45.7	-144.3
25.34	1018	9.3	5.6	0.3	10.1	5.6
12.71	1022	0.8	-3.7	1.1	1.1	-4.0
22.88	1707	-6.4	-9.2	1.4	-5.8	-10.7

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.0
	1703	-0.0	0.0
	1018	-0.0	0.0
	1022	0.0	0.0
	1707	0.0	0.0
Min	Cent	-0.2	0.0
	1703	-0.3	-0.0
	1018	-0.3	0.0
	1022	-0.0	0.0
	1707	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

1167	2	15	c mob-a	Max Cent	1.3	10.1	1.4	10.3	1.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

81.01			1470	3.0	0.4	1.4	3.6	-0.3
23.50			816	3.0	22.5	1.4	22.7	2.9
85.86			817	0.7	22.5	1.4	22.6	0.6
86.29			1472	0.7	0.4	1.4	2.0	-0.9
41.66	Min	Cent		-144.0	-0.1	-4.9	0.0	-144.1
-88.05			1470	-131.9	-2.7	-4.9	-2.5	-132.1
-87.83			816	-131.9	-0.2	-4.9	-0.1	-132.1
-87.87			817	-156.6	-0.2	-4.9	-0.1	-156.8
-88.21			1472	-156.6	-2.7	-4.9	-2.5	-156.8
-88.18								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent		7.2	0.1	0.8	7.3	0.0
6.36			1470	11.0	1.6	1.0	11.1	1.5
6.01			816	6.8	0.0	0.7	6.9	-0.0
5.50			817	5.2	2.2	0.7	5.4	2.1
12.49			1472	6.0	0.1	1.1	6.2	-0.1
10.07	Min	Cent		-1.1	-0.6	-2.4	1.6	-3.3
-47.58			1470	-1.5	-0.3	-1.9	1.1	-2.9
-53.92			816	-0.5	-2.7	-3.1	1.7	-4.8
-35.10			817	-0.4	-0.1	-2.7	2.4	-3.0
-46.36			1472	-2.0	-2.9	-1.6	-0.8	-4.1
-36.35								

			NODE	Vxx	Vyy
Max	Cent			0.0	0.0
			1470	0.0	0.0
			816	0.0	0.0
			817	0.0	0.0
			1472	0.0	0.0
Min	Cent			-0.0	-0.0
			1470	-0.0	-0.0
			816	-0.0	-0.0
			817	-0.0	-0.0
			1472	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	c mob-b	Max	Cent	3.0	10.2	1.8	10.6	2.6
76.63			1470	7.0	0.6	1.8	7.5	0.1
14.70			816	7.0	22.3	1.8	22.5	6.8
83.35								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.23		817	0.7	22.3	1.8	22.5	0.6
43.58		1472	0.7	0.6	1.8	2.5	-1.2
-87.47	Min	Cent	-145.5	-0.1	-6.4	0.2	-145.8
-87.17		1470	-132.6	-2.9	-6.4	-2.6	-132.9
-87.23		816	-132.6	-0.2	-6.4	0.1	-132.9
-87.68		817	-158.8	-0.2	-6.4	0.0	-159.0
-87.64		1472	-158.8	-2.9	-6.4	-2.7	-159.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	7.3	0.1	0.8	7.3	-0.0
6.11		1470	11.0	1.6	0.9	11.1	1.5
5.60		816	6.8	0.0	0.6	6.8	-0.0
5.34		817	5.3	2.3	0.6	5.4	2.2
11.60		1472	6.0	0.1	1.0	6.2	-0.0
9.39	Min	Cent	-2.1	-1.0	-2.8	1.3	-4.4
-50.71		1470	-3.3	-0.7	-2.3	0.6	-4.6
-59.98		816	-1.0	-2.7	-3.5	1.7	-5.4
-38.01		817	-0.8	-0.3	-3.1	2.5	-3.7
-47.42		1472	-3.7	-3.7	-1.9	-1.8	-5.6
-45.19							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1470	0.0	0.0
		816	0.0	0.0
		817	0.0	0.0
		1472	0.0	0.0
	Min	Cent	-0.0	-0.0
		1470	-0.0	-0.0
		816	-0.0	-0.0
		817	-0.0	-0.0
		1472	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-453.5	32.5	-8.6	32.7	-453.7
-88.98		1470	-413.6	-8.6	-8.6	-8.4	-413.8
-88.78		816	-413.6	73.6	-8.6	73.8	-413.8
-88.99		817	-493.4	73.6	-8.6	73.7	-493.5
-89.13		1472	-493.4	-8.6	-8.6	-8.5	-493.5
-88.98							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-10.55		Cent	22.8	-1.0	-4.6	23.6	-1.9
-5.16		1470	33.6	4.8	-2.6	33.9	4.6
-12.05		816	22.8	-8.0	-6.9	24.3	-9.5
-25.85		817	15.9	6.8	-5.8	18.7	4.0
-3.21		1472	18.7	-7.8	-1.5	18.8	-7.8

NODE	Vxx	Vyy

Cent	0.0	-0.0
1470	0.0	0.0
816	0.0	-0.0
817	0.0	-0.0
1472	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

86.54	vento -y	Cent	-4.5	0.4	0.3	0.5	-4.6
85.49		1470	-4.0	-0.2	0.3	-0.2	-4.0
86.60		816	-4.0	1.1	0.3	1.1	-4.0
87.19		817	-5.1	1.1	0.3	1.1	-5.1
86.47		1472	-5.1	-0.2	0.3	-0.2	-5.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-12.30		Cent	0.2	-0.0	-0.1	0.2	-0.0
-4.58		1470	0.3	0.1	-0.0	0.3	0.1
-12.29		816	0.2	-0.1	-0.1	0.2	-0.1
-29.97		817	0.2	0.1	-0.1	0.2	0.0
-4.15		1472	0.1	-0.1	-0.0	0.1	-0.1

NODE	Vxx	Vyy

Cent	0.0	-0.0
1470	0.0	0.0
816	0.0	-0.0
817	0.0	-0.0
1472	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

5.05	cedime~1	Cent	56.3	-15.4	6.4	56.8	-16.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

12.92	1470	31.3	4.9	6.4	32.7	3.4
5.40	816	31.3	-35.7	6.4	31.9	-36.3
3.12	817	81.3	-35.7	6.4	81.6	-36.1
4.75	1472	81.3	4.9	6.4	81.8	4.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-22.90	Cent	8.5	4.0	-2.3	9.5	3.1
-16.91	1470	12.0	2.4	-3.2	13.0	1.4
-68.06	816	-0.1	3.3	-1.6	3.9	-0.7
-26.43	817	3.0	0.5	-1.7	3.8	-0.4
-18.16	1472	19.0	10.1	-3.3	20.1	9.0

NODE	Vxx	Vyy
Cent	0.0	-0.0
1470	0.0	-0.0
816	0.0	0.0
817	0.0	0.0
1472	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-89.44	perm	Cent	-170.5	12.4	-1.8	12.4	-170.5
-89.31		1470	-151.5	-3.7	-1.8	-3.7	-151.5
-89.43		816	-151.5	28.4	-1.8	28.4	-151.5
-89.53		817	-189.6	28.4	-1.8	28.4	-189.6
-89.45		1472	-189.6	-3.7	-1.8	-3.7	-189.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-16.17	Cent	7.5	-0.7	-2.6	8.3	-1.5
-10.06	1470	11.6	1.6	-1.8	11.9	1.3
-16.09	816	7.6	-3.4	-3.5	8.6	-4.4
-31.29	817	5.7	2.6	-3.0	7.6	0.8
-8.73	1472	5.1	-3.7	-1.4	5.3	-3.9

NODE	Vxx	Vyy
Cent	0.0	-0.0
1470	0.0	0.0
816	0.0	-0.0
817	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1472	0.0			0.0				
ANGLE								

89.80	INV TO~1	Max	Cent	-110.2	26.1	7.0	26.2	-110.6
86.44			1470	-110.8	1.9	7.0	2.4	-111.2
89.81			816	-110.8	58.9	7.0	58.9	-111.1
89.85			817	-107.3	58.9	7.0	58.9	-107.7
86.33			1472	-107.3	1.9	7.0	2.4	-107.7
-89.24		Min	Cent	-366.9	-3.2	-10.5	-3.2	-367.2
-88.14			1470	-330.5	-7.6	-10.5	-7.3	-330.8
-89.20			816	-330.5	-7.6	-10.5	-7.6	-330.8
-89.26			817	-403.9	-7.6	-10.5	-7.6	-404.1
-88.49			1472	-403.9	-7.6	-10.5	-7.4	-404.2
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-9.40		Max	Cent	25.8	3.5	-1.5	26.4	2.8
-6.45			1470	38.6	6.2	-0.5	39.0	5.8
-13.20			816	16.9	-0.1	-2.6	17.8	-1.0
-18.91			817	15.8	6.2	-2.1	17.1	5.2
-7.04			1472	32.2	6.5	0.1	32.6	6.1
-31.23		Min	Cent	4.6	-2.1	-8.7	8.5	-5.9
-28.25			1470	7.2	0.7	-8.1	9.8	-1.9
-25.35			816	6.2	-7.0	-9.8	10.2	-10.9
-40.23			817	4.6	2.2	-8.9	10.7	-4.1
-21.03			1472	0.0	-8.7	-7.2	1.5	-10.2
			NODE	Vxx	Vyy			
		Max	Cent	0.0	-0.0			
			1470	0.0	0.0			
			816	0.0	-0.0			
			817	0.0	-0.0			
			1472	0.0	0.0			
		Min	Cent	-0.0	-0.0			
			1470	-0.0	-0.0			
			816	-0.0	-0.0			
			817	-0.0	-0.0			
			1472	-0.0	-0.0			
ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-88.98      INV TO~2  Max  Cent  -110.2   43.9    7.0    44.1   -110.6
              1470  -110.8    1.9    7.0    2.4   -111.2
              816  -110.8   99.4    7.0   99.6   -111.1
-88.99              817  -107.3   99.4    7.0   99.6   -107.7
-89.13              1472  -107.3    1.9    7.0    2.4   -107.7
              86.33
-89.24              Min  Cent  -612.2   -3.2   -11.6   -3.2   -612.4
-88.78              1470  -558.4  -11.6   -11.6  -11.4   -558.7
-89.20              816  -558.4   -7.6   -11.6   -7.6   -558.6
-89.26              817  -666.1   -7.6   -11.6   -7.6   -666.3
-88.98              1472  -666.1  -11.6   -11.6  -11.4   -666.3

              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-10.55              Max  Cent    30.7    3.5    -1.5   31.9    2.8
              1470    45.4    6.5    -0.5   45.7    6.2
-5.16              816    30.8   -0.1   -2.6   32.8   -1.0
-12.05              817    21.4    9.1   -2.1   25.2    5.4
-25.85              1472    32.2    6.5    0.1   32.6    6.1
-7.04              Min  Cent    4.6   -2.1   -8.7    8.5   -5.9
-31.23              1470    7.2    0.7   -8.1    9.8   -1.9
-28.25              816    6.2  -10.8   -9.8   10.2  -12.8
-25.35              817    4.6    2.2   -8.9   10.7   -4.1
-40.23              1472    0.0  -10.5   -7.2    1.5  -10.6
-21.03

              NODE      Vxx      Vyy
              Max  Cent    0.0   -0.0
              1470    0.0    0.0
              816    0.0   -0.0
              817    0.0   -0.0
              1472    0.0    0.0
              Min  Cent   -0.0   -0.0
              1470   -0.0   -0.0
              816   -0.0   -0.0
              817   -0.0   -0.0
              1472   -0.0   -0.0

ELEM  MAT  SEC  LC  NODE  Fxx  Fyy  Fxy  Fmax  Fmin
ANGLE
-----
1168  2    15  c  mob-a  Max  Cent  0.6  11.5  94.1  100.3  -88.2
              1472  0.7  3.1  94.1  96.0  -92.2
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.37							
		817	0.7	22.8	94.1	106.4	-83.0
48.35							
		819	0.7	22.8	94.1	106.5	-83.0
48.34							
		1474	0.7	3.1	94.1	96.0	-92.2
45.36							
	Min	Cent	-113.5	-0.3	-0.7	-0.3	-113.5
-89.63							
		1472	-156.2	-2.5	-0.7	-2.5	-156.2
-89.73							
		817	-156.2	-0.3	-0.7	-0.3	-156.2
-89.73							
		819	-70.8	-0.3	-0.7	-0.3	-70.8
-89.41							
		1474	-70.8	-2.5	-0.7	-2.5	-70.8
-89.39							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Max	Cent	5.8	0.5	1.3	0.2
12.66							
			1472	6.2	0.1	1.2	-0.2
11.00							
			817	4.9	1.4	1.2	1.0
16.77							
			819	6.9	0.2	1.3	-0.0
10.66							
			1474	5.2	1.5	1.4	1.1
18.03							
	Min	Cent	-1.2	-0.6	-1.0	0.1	-1.9
-52.83							
			1472	-1.9	-2.2	-1.2	-3.2
-41.95							
			817	-0.4	-0.2	-1.1	-1.4
-48.33							
			819	-0.3	-0.6	-0.9	-1.4
-39.95							
			1474	-2.2	-1.1	-0.9	-2.7
-60.05							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1472	0.0	0.0
		817	0.0	0.0
		819	0.0	0.0
		1474	0.0	0.0
	Min	Cent	-0.0	-0.0
		1472	-0.0	-0.0
		817	-0.0	-0.0
		819	-0.0	-0.0
		1474	-0.0	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	1.1	12.3	95.7	-89.1
46.67							
			1472	0.7	4.0	95.7	-93.4
45.49							
			817	0.7	23.3	95.7	-84.4
48.37							
			819	1.7	23.3	95.7	-83.8
48.22							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.33		1474	1.7	4.0	95.7	98.5	-92.9
-89.72	Min	Cent	-115.3	-0.3	-0.6	-0.3	-115.3
-89.79		1472	-158.3	-3.1	-0.6	-3.1	-158.3
-89.79		817	-158.3	-0.3	-0.6	-0.3	-158.3
-89.55		819	-72.3	-0.3	-0.6	-0.3	-72.3
-89.53		1474	-72.3	-3.1	-0.6	-3.1	-72.3

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

12.02	Max	Cent	5.9	0.4	1.2	6.2	0.2
10.34		1472	6.2	0.1	1.2	6.4	-0.1
16.36		817	5.0	1.4	1.2	5.3	1.0
10.21		819	7.0	0.2	1.3	7.3	-0.0
16.51		1474	5.4	1.5	1.3	5.8	1.1
-56.64	Min	Cent	-2.2	-1.1	-1.3	-0.3	-3.0
-52.17		1472	-3.7	-2.9	-1.5	-1.8	-4.8
-50.36		817	-0.8	-0.3	-1.4	0.8	-2.0
-40.76		819	-0.6	-1.0	-1.2	0.4	-2.1
-63.41		1474	-3.9	-2.0	-1.3	-1.3	-4.5

NODE Vxx Vyy

Max	Cent	0.0	0.0
	1472	0.0	0.0
	817	0.0	0.0
	819	0.0	0.0
	1474	0.0	0.0
Min	Cent	-0.0	-0.0
	1472	-0.0	-0.0
	817	-0.0	-0.0
	819	-0.0	-0.0
	1474	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

61.73	pp	Cent	-356.5	34.0	295.4	192.9	-515.3
64.86		1472	-492.9	-2.2	295.4	136.5	-631.6
66.81		817	-492.9	70.2	295.4	196.8	-619.5
58.08		819	-220.0	70.2	295.4	254.2	-404.0
55.12		1474	-220.0	-2.2	295.4	203.8	-426.0

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
1.80          Cent      18.1      0.6      0.5      18.1      0.6
-0.04        1472     19.4     -5.5     -0.0     19.4     -5.5
1.69         817      15.2      4.4      0.3      15.2      4.4
2.65         819      24.2     -0.1      1.1      24.3     -0.2
4.58        1474     13.5      3.6      0.8      13.6      3.6
    
```

```

-----
NODE      Vxx      Vyy
-----
Cent      -0.0     -0.0
1472       0.0     -0.0
817        0.0      0.0
819       -0.0      0.0
1474      -0.0     -0.0
    
```

```

-----
ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
vento -y
58.61          Cent      -3.7      0.3      3.9      2.7      -6.0
61.24        1472     -5.1     -0.1      3.9      2.0      -7.2
63.65         817     -5.1      0.8      3.9      2.8      -7.0
55.71         819     -2.2      0.8      3.9      3.5      -4.9
52.48        1474     -2.2     -0.1      3.9      2.8      -5.2
    
```

```

-----
ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
0.09          Cent      0.1     -0.0      0.0      0.1     -0.0
-0.79        1472      0.1     -0.1     -0.0      0.1     -0.1
-4.43         817      0.1      0.0     -0.0      0.1      0.0
0.85         819      0.2     -0.0      0.0      0.2     -0.0
11.16        1474      0.0      0.0      0.0      0.0      0.0
    
```

```

-----
NODE      Vxx      Vyy
-----
Cent      -0.0     -0.0
1472       0.0     -0.0
817        0.0      0.0
819       -0.0      0.0
1474      -0.0     -0.0
    
```

```

-----
ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
cedime~1
-34.73          Cent      48.9     -16.4    -87.2    109.3    -76.9
-32.37        1472     81.0     -1.3    -87.2    136.2    -56.5
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-28.58	817	81.0	-31.5	-87.2	128.5	-79.0
-37.26	819	16.8	-31.5	-87.2	83.1	-97.8
-42.04	1474	16.8	-1.3	-87.2	95.4	-79.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-26.03	Cent	11.4	5.5	-3.8	13.2	3.7
-18.11	1472	18.5	8.4	-3.7	19.8	7.2
-35.39	817	3.0	0.6	-3.5	5.5	-1.9
-52.90	819	2.1	4.3	-3.8	7.2	-0.8
-15.94	1474	21.9	8.9	-4.1	23.1	7.7

	NODE	Vxx	Vyy
	Cent	0.0	-0.0
	1472	0.0	0.0
	817	0.0	-0.0
	819	0.0	-0.0
	1474	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

61.34	perm	Cent	-138.2	12.5	117.5	76.7	-202.4
64.27		1472	-189.5	-2.3	117.5	54.3	-246.1
66.35		817	-189.5	27.3	117.5	78.7	-241.0
57.96		819	-86.9	27.3	117.5	100.8	-160.4
54.90		1474	-86.9	-2.3	117.5	80.2	-169.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-5.11	Cent	5.6	-0.3	-0.5	5.7	-0.3
-5.48	1472	5.3	-2.7	-0.8	5.4	-2.8
-9.40	817	5.4	1.5	-0.7	5.5	1.4
-2.22	819	7.9	-0.6	-0.3	7.9	-0.6
-7.85	1474	4.0	0.8	-0.4	4.0	0.7

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	1472	0.0	-0.0
	817	0.0	0.0
	819	-0.0	0.0
	1474	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.29	INV TO~1	Max Cent	-87.8	29.1	246.7	206.4	-204.8
55.61		1472	-107.6	3.0	246.7	171.8	-221.6
58.31		817	-107.6	58.8	246.7	211.0	-213.4
53.10		819	-67.8	58.8	246.7	243.9	-172.9
50.04		1474	-67.8	3.0	246.7	209.7	-173.0
83.15		Min Cent	-293.9	-4.4	29.3	-0.9	-333.2
84.71		1472	-403.3	-7.8	29.3	-5.1	-435.0
84.77		817	-403.3	-4.7	29.3	-2.0	-432.8
80.10		819	-184.5	-4.7	29.3	0.5	-269.8
79.92		1474	-184.5	-7.8	29.3	-2.6	-291.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.54	Max Cent	25.0	5.9	1.2	25.3	5.5
-6.01	1472	32.3	5.8	0.9	32.6	5.5
-12.23	817	15.2	4.0	0.9	15.7	3.5
-8.64	819	19.5	4.0	1.4	19.8	3.6
-7.03	1474	33.1	11.7	1.4	33.5	11.4
-22.55	Min Cent	2.6	-1.8	-6.0	3.6	-2.7
-19.12	1472	0.4	-6.7	-6.5	1.3	-7.6
-28.72	817	4.3	1.1	-6.0	5.7	-2.1
-11.90	819	7.0	-2.0	-5.8	7.4	-2.4
-40.89	1474	-1.3	-1.9	-6.2	0.6	-3.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1472	0.0	-0.0
	817	0.0	0.0
	819	0.0	0.0
Min	1474	0.0	-0.0
	Cent	-0.0	-0.0
	1472	-0.0	-0.0
	817	-0.0	-0.0
	819	-0.0	-0.0
	1474	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

61.73	INV TO~2	Max	Cent	-87.8	45.9	398.8	260.4	-204.8
64.86			1472	-107.6	3.0	398.8	184.2	-221.6
66.81			817	-107.6	94.8	398.8	265.6	-213.4
58.08			819	-67.8	94.8	398.8	343.2	-172.9
55.12			1474	-67.8	3.0	398.8	275.1	-173.0
83.15		Min	Cent	-481.2	-4.4	29.3	-0.9	-695.7
84.71			1472	-665.5	-7.8	29.3	-5.1	-852.6
84.77			817	-665.5	-4.7	29.3	-2.0	-836.3
80.10			819	-297.0	-4.7	29.3	0.5	-545.4
79.92			1474	-297.0	-7.8	29.3	-2.6	-575.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.54		Max	Cent	25.0	5.9	1.2	25.3	5.5
-6.01			1472	32.3	5.8	0.9	32.6	5.5
1.69			817	20.5	6.0	0.9	20.5	6.0
2.65			819	32.7	4.0	1.5	32.8	3.6
-7.03			1474	33.1	11.7	1.4	33.5	11.4
-22.55		Min	Cent	2.6	-1.8	-6.0	3.6	-2.7
-19.12			1472	0.4	-7.4	-6.5	1.3	-7.6
-28.72			817	4.3	1.1	-6.0	5.7	-2.1
-11.90			819	7.0	-2.0	-5.8	7.4	-2.4
-40.89			1474	-1.3	-1.9	-6.2	0.6	-3.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1472	0.0	-0.0
	817	0.0	0.0
	819	0.0	0.0
	1474	0.0	-0.0
Min	Cent	-0.0	-0.0
	1472	-0.0	-0.0
	817	-0.0	-0.0
	819	-0.0	-0.0
	1474	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1205	2	15	c mob-a	Max	Cent	8.5	157.0	90.9	200.1	-34.6
64.62					1546	6.1	86.2	90.9	145.5	-53.2
56.90					882	6.1	229.9	90.9	262.2	-26.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

70.46			884	11.9	229.9	90.9	262.9	-21.0
70.09			1548	11.9	86.2	90.9	147.3	-49.1
56.12		Min	Cent	-13.8	-0.9	-58.8	51.8	-66.5
-48.15			1546	-16.1	-0.7	-58.8	50.9	-67.7
-48.73			882	-16.1	-1.1	-58.8	50.6	-67.9
-48.63			884	-12.7	-1.1	-58.8	52.1	-66.0
-47.81			1548	-12.7	-0.7	-58.8	52.4	-65.8
-47.91								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	7.5	3.8	4.5	10.6	0.8
33.92			1546	6.8	3.2	4.2	9.6	0.4
33.53			882	10.5	3.9	4.7	12.9	1.5
27.48			884	10.4	5.0	4.9	13.3	2.1
30.72			1548	6.3	3.8	4.6	9.8	0.3
37.12		Min	Cent	-19.5	-10.7	-4.5	-8.8	-21.4
-67.32			1546	-22.2	-11.9	-4.6	-10.1	-23.9
-69.09			882	-19.4	-9.8	-4.9	-7.8	-21.5
-67.20			884	-14.1	-7.9	-4.1	-5.9	-16.2
-63.38			1548	-28.7	-14.4	-3.8	-13.4	-29.7
-75.86								

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		1546		0.0	0.0
		882		0.0	0.0
		884		0.0	0.0
		1548		0.0	0.0
	Min	Cent		-0.0	-0.0
		1546		-0.0	-0.0
		882		-0.0	-0.0
		884		-0.0	-0.0
		1548		-0.0	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
		c mob-b	Max	Cent	8.2	176.2	116.8	236.1	-51.7
62.86				1546	6.5	98.6	116.8	178.1	-73.0
55.76				882	6.5	250.2	116.8	297.2	-40.4
68.10				884	11.6	250.2	116.8	297.9	-36.0
67.80				1548	11.6	98.6	116.8	179.8	-69.5
55.21									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.57	Min	Cent	-25.0	-0.6	-76.0	64.1	-89.7
-50.00		1546	-27.4	-0.6	-76.0	63.1	-91.1
-49.96		882	-27.4	-0.8	-76.0	63.0	-91.2
-49.39		884	-24.2	-0.8	-76.0	64.3	-89.4
-49.42		1548	-24.2	-0.6	-76.0	64.5	-89.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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31.69	Max	Cent	11.1	5.6	5.4	14.4	2.3
30.02		1546	10.9	5.0	5.1	13.8	2.1
24.92		882	15.2	5.7	5.6	17.8	3.1
28.22		884	14.5	6.8	5.8	17.6	3.6
34.55		1548	9.7	5.6	5.4	13.4	1.9
-66.19	Min	Cent	-20.2	-11.0	-5.0	-8.8	-22.4
-69.06		1546	-23.6	-12.2	-5.1	-10.2	-25.6
-65.53		882	-19.5	-9.8	-5.6	-7.2	-22.0
-62.15		884	-14.5	-8.2	-4.6	-5.8	-17.0
-75.62		1548	-31.1	-15.6	-4.2	-14.6	-32.2

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	1546		0.0	0.0
	882		0.0	0.0
	884		0.0	0.0
	1548		0.0	0.0
Min	Cent		-0.0	-0.0
	1546		-0.0	-0.0
	882		-0.0	-0.0
	884		-0.0	-0.0
	1548		-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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79.78	pp	Cent	7.3	357.0	65.2	368.7	-4.4
70.50		1546	2.3	163.2	65.2	186.3	-20.8
83.32		882	2.3	550.7	65.2	558.4	-5.4
83.20		884	12.3	550.7	65.2	558.5	4.6
69.59		1548	12.3	163.2	65.2	187.4	-11.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.49	Cent	2.1	-3.8	-0.8	2.2	-3.9
-89.54	1546	-121.7	-42.0	-0.6	-42.0	-121.7
-0.76	882	127.1	31.6	-1.3	127.1	31.5
-0.86	884	117.2	32.8	-1.3	117.2	32.8
-89.52	1548	-114.2	-37.7	-0.6	-37.7	-114.2

NODE	Vxx	Vyy
Cent	-0.2	-0.0
1546	-0.2	-0.0
882	-0.2	-0.0
884	-0.2	-0.0
1548	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.22	vento -y	Cent	0.8	13.2	0.4	13.2	0.8
88.51		1546	0.6	15.5	0.4	15.5	0.5
87.87		882	0.6	11.0	0.4	11.0	0.5
87.78		884	1.0	11.0	0.4	11.0	1.0
88.46		1548	1.0	15.5	0.4	15.5	1.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-56.70	Cent	-0.2	-0.2	-0.1	-0.1	-0.3
-39.98	1546	-0.2	-0.2	-0.1	-0.1	-0.3
-48.10	882	-0.2	-0.2	-0.1	-0.1	-0.3
-57.43	884	-0.2	-0.1	-0.1	-0.1	-0.2
-72.05	1548	-0.3	-0.1	-0.1	-0.1	-0.3

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1546	0.0	-0.0
882	0.0	-0.0
884	-0.0	-0.0
1548	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.74	cedime~1	Cent	-0.2	-51.2	-2.4	-0.1	-51.3
-4.44		1546	-0.6	-31.9	-2.4	-0.4	-32.1
-2.00		882	-0.6	-70.5	-2.4	-0.5	-70.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.98		884	0.1	-70.5	-2.4	0.2	-70.6
-4.35		1548	0.1	-31.9	-2.4	0.3	-32.1
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-0.2	-0.8	-0.4	-0.0	-1.0
-25.77		1546	0.7	-0.2	-0.3	0.8	-0.3
-18.37		882	-1.1	-0.9	-0.3	-0.7	-1.3
-54.11		884	-1.8	-1.7	-0.4	-1.3	-2.2
-46.53		1548	1.3	-0.4	-0.5	1.4	-0.5
-14.73							
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		1546	0.0	0.0			
		882	0.0	0.0			
		884	0.0	0.0			
		1548	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	-5.6	124.8	21.6	128.3	-9.1
80.82		1546	-6.2	60.0	21.6	66.4	-12.6
73.39		882	-6.2	189.7	21.6	192.0	-8.5
83.77		884	-5.0	189.7	21.6	192.0	-7.4
83.73		1548	-5.0	60.0	21.6	66.5	-11.5
73.16							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	2.8	0.3	0.1	2.8	0.2
2.57		1546	-0.0	-0.8	0.2	0.0	-0.9
14.26		882	5.6	0.3	0.1	5.6	0.3
1.36		884	6.1	1.9	0.1	6.1	1.9
0.82		1548	-0.5	-0.4	0.2	-0.2	-0.6
54.01							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		1546	-0.0	-0.0			
		882	-0.0	-0.0			
		884	-0.0	-0.0			
		1548	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~1	Max	Cent					
67.42				5.9	362.7	179.3	437.2	-68.7
58.98			1546	2.7	193.1	179.3	300.9	-87.7
72.82			882	2.7	527.4	179.3	582.9	-52.8
72.61			884	11.1	527.4	179.3	583.6	-45.1
58.46			1548	11.1	193.1	179.3	303.2	-83.6
-61.95		Min	Cent	-39.6	72.5	-83.4	116.9	-84.0
-56.50			1546	-43.7	27.1	-83.4	82.2	-112.3
-67.03			882	-43.7	117.7	-83.4	153.0	-79.0
-66.48			884	-37.7	117.7	-83.4	153.9	-73.9
-55.61			1548	-37.7	27.1	-83.4	84.1	-106.0

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
28.19		Max	Cent	17.8	7.9	7.4	21.7	3.9
27.31			1546	15.4	6.0	7.1	18.9	2.3
20.20			882	26.1	8.0	7.7	29.0	5.2
23.64			884	25.6	11.0	7.9	29.0	7.6
31.41			1548	14.0	7.2	7.4	18.2	2.5
-61.66		Min	Cent	-24.7	-15.4	-7.0	-11.6	-28.5
-68.76			1546	-31.9	-17.5	-7.0	-14.7	-34.5
-58.61			882	-21.8	-13.8	-7.7	-9.2	-26.5
-54.16			884	-15.4	-11.0	-6.6	-6.2	-20.1
-73.94			1548	-42.4	-21.9	-6.0	-20.1	-43.8

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1546	0.0	0.0
		882	0.0	0.0
		884	0.0	0.0
		1548	0.0	0.0
	Min	Cent	-0.0	-0.0
		1546	-0.0	-0.0
		882	-0.0	-0.0
		884	-0.0	-0.0
		1548	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
79.78		INV TO~2	Max	Cent	9.9	481.9	179.3	497.8	-6.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

58.98		1546	3.1	220.3	179.3	300.9	-28.1
83.32		882	3.1	743.5	179.3	753.8	-7.3
83.20		884	16.6	743.5	179.3	754.0	6.2
58.46		1548	16.6	220.3	179.3	303.2	-16.1
-61.95	Min	Cent	-39.6	72.5	-83.4	116.9	-84.0
-56.50		1546	-43.7	27.1	-83.4	82.2	-112.3
-67.03		882	-43.7	117.7	-83.4	153.0	-79.0
-66.48		884	-37.7	117.7	-83.4	153.9	-73.9
-55.61		1548	-37.7	27.1	-83.4	84.1	-106.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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28.19	Max	Cent	17.8	7.9	7.4	21.7	3.9
27.31		1546	15.4	6.0	7.1	18.9	2.3
-0.76		882	171.6	42.6	7.7	171.6	42.6
-0.86		884	158.2	44.3	7.9	158.2	44.3
31.41		1548	14.0	7.2	7.4	18.2	2.5
-61.66	Min	Cent	-24.7	-15.4	-7.0	-11.6	-28.5
-89.54		1546	-164.3	-56.7	-7.0	-56.7	-164.3
-58.61		882	-21.8	-13.8	-7.7	-9.2	-26.5
-54.16		884	-15.4	-11.0	-6.6	-6.2	-20.1
-89.52		1548	-154.2	-50.9	-6.0	-50.9	-154.2

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1546	0.0	0.0
		882	0.0	0.0
		884	0.0	0.0
		1548	0.0	0.0
Min	Cent		-0.3	-0.0
		1546	-0.3	-0.0
		882	-0.3	-0.0
		884	-0.3	-0.0
		1548	-0.3	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
1206	2	15	c mob-a	Max	Cent	15.4	158.2	98.6	208.6	-34.9	
62.96						1548	11.7	85.2	98.6	153.7	-56.8
55.22						884	11.7	235.6	98.6	272.8	-25.6
69.31						886	24.2	235.6	98.6	274.5	-14.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

68.49			1551	24.2	85.2	98.6	157.9	-48.5
53.59								
-47.52		Min	Cent	-10.6	-0.9	-55.4	49.8	-61.3
-48.17								
-48.08			1548	-13.1	-0.8	-55.4	48.8	-62.7
-48.78								
-48.87			884	-13.1	-1.1	-55.4	48.6	-62.8
			886	-15.9	-1.1	-55.4	47.4	-64.4
			1551	-15.9	-0.8	-55.4	47.6	-64.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6.8	3.8	4.7	10.2	0.4
35.98								
			1548	6.3	3.7	4.7	9.9	0.1
37.20								
			884	10.3	4.9	4.9	13.2	2.1
30.46								
			886	2.8	2.1	4.6	7.0	-2.1
42.84								
			1551	9.8	4.6	4.5	12.4	2.0
30.02								
		Min	Cent	-21.1	-12.9	-2.4	-12.3	-21.8
-74.61								
			1548	-28.7	-14.5	-2.8	-14.0	-29.3
-79.21								
			884	-14.0	-7.6	-3.0	-6.4	-15.2
-68.32								
			886	-8.3	-9.1	-2.5	-6.2	-11.2
-39.98								
			1551	-37.1	-21.6	-2.2	-21.3	-37.4

			NODE	Vxx	Vyy
		Max	Cent	0.0	0.0
			1548	0.0	0.0
			884	0.0	0.0
			886	0.0	0.0
			1551	0.0	0.0
		Min	Cent	-0.0	-0.0
			1548	-0.0	-0.0
			884	-0.0	-0.0
			886	-0.0	-0.0
			1551	-0.0	-0.0

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	15.6	180.7	121.1	244.7	-48.5
62.14									
				1548	10.8	100.7	121.1	184.9	-73.5
55.18									
				884	10.8	258.0	121.1	307.4	-38.7
67.79									
				886	25.7	258.0	121.1	309.7	-26.0
66.89									
				1551	25.7	100.7	121.1	190.0	-63.6
53.60									
		Min	Cent	-20.4	-0.6	-73.8	64.0	-85.0	
-48.82									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.64		1548	-24.8	-0.7	-73.8	62.0	-87.6
-49.63		884	-24.8	-0.8	-73.8	62.0	-87.6
-50.01		886	-26.9	-0.8	-73.8	61.2	-88.8
-50.02		1551	-26.9	-0.7	-73.8	61.2	-88.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	10.2	5.5	5.4	13.7	1.9
33.32		1548	9.7	5.5	5.5	13.5	1.7
34.50		884	14.4	6.7	5.7	17.4	3.7
27.92		886	4.1	3.0	5.2	8.8	-1.7
42.03		1551	14.9	7.6	5.1	17.4	5.0
27.14	Min	Cent	-22.0	-13.9	-2.5	-13.2	-22.7
-74.20		1548	-31.1	-15.7	-3.2	-15.1	-31.7
-78.85		884	-14.4	-7.9	-3.3	-6.5	-15.8
-67.37		886	-8.0	-9.8	-2.5	-6.3	-11.6
-35.21		1551	-39.2	-23.7	-2.4	-23.4	-39.5
-81.53							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1548	0.0	0.0
		884	0.0	0.0
		886	0.0	0.0
		1551	0.0	0.0
	Min	Cent	-0.0	-0.0
		1548	-0.0	-0.0
		884	-0.0	-0.0
		886	-0.0	-0.0
		1551	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	13.7	345.4	55.7	354.5	4.6
80.71		1548	8.9	152.1	55.7	171.3	-10.3
71.06		884	8.9	538.7	55.7	544.5	3.1
84.06		886	18.6	538.7	55.7	544.6	12.7
83.95		1551	18.6	152.1	55.7	172.3	-1.6
70.08							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-4.2	-5.8	2.2	-2.7	-7.4
34.84							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.26		1548	-114.4	-38.2	1.0	-38.2	-114.4
-1.26		884	117.2	33.1	-1.9	117.3	33.1
-17.01		886	-2.5	-7.5	-1.7	-2.0	-8.0
80.09		1551	-17.2	-10.7	1.2	-10.5	-17.4

NODE	Vxx	Vyy
Cent	-0.1	0.0
1548	-0.2	0.0
884	-0.2	0.0
886	-0.0	0.0
1551	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
84.12	vento -y	Cent	1.0	12.8	1.2	12.9	0.9
85.02		1548	0.8	14.7	1.2	14.8	0.7
83.11		884	0.8	10.8	1.2	10.9	0.7
82.84		886	1.2	10.8	1.2	11.0	1.1
84.88		1551	1.2	14.7	1.2	14.8	1.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-63.64	Cent	-0.3	-0.2	-0.1	-0.1	-0.4
-72.51	1548	-0.3	-0.1	-0.1	-0.1	-0.3
-55.32	884	-0.2	-0.1	-0.1	-0.0	-0.3
-42.39	886	-0.2	-0.2	-0.1	-0.1	-0.3
-78.06	1551	-0.7	-0.4	-0.1	-0.3	-0.7

NODE	Vxx	Vyy
Cent	-0.0	0.0
1548	-0.0	0.0
884	-0.0	0.0
886	-0.0	0.0
1551	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-4.08	cedime~1	Cent	0.5	-49.7	-3.6	0.7	-50.0
-6.69		1548	0.5	-29.7	-3.6	0.9	-30.2
-2.92		884	0.5	-69.8	-3.6	0.7	-69.9
-2.93		886	0.4	-69.8	-3.6	0.6	-69.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.71		1551	0.4	-29.7	-3.6	0.8	-30.2	
	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	0.1	-0.7	-0.8	0.6	-1.1	
-31.02		1548	1.3	-0.3	-0.7	1.6	-0.6	
-20.76		884	-1.8	-1.8	-0.6	-1.2	-2.4	
-46.12		886	-0.1	-0.5	-0.7	0.4	-1.1	
-36.64		1551	1.1	-0.1	-0.9	1.6	-0.5	
-28.25								
		NODE	Vxx	Vyy				

		Cent	0.0	-0.0				
		1548	0.0	-0.0				
		884	0.0	-0.0				
		886	0.0	-0.0				
		1551	0.0	-0.0				
	ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

		perm	Cent	-4.9	121.3	15.0	123.0	-6.6
83.31			1548	-6.1	57.3	15.0	60.7	-9.4
77.33			884	-6.1	185.2	15.0	186.4	-7.2
85.54			886	-3.6	185.2	15.0	186.4	-4.8
85.49			1551	-3.6	57.3	15.0	60.8	-7.1
76.90								
	ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

			Cent	1.8	-0.1	0.3	1.8	-0.1
8.63			1548	-0.5	-0.5	0.4	-0.1	-1.0
44.71			884	6.1	1.9	-0.0	6.1	1.9
-0.53			886	0.1	-1.4	-0.1	0.1	-1.4
-3.94			1551	1.4	-0.3	0.4	1.4	-0.4
12.56								
			NODE	Vxx	Vyy			

			Cent	-0.0	0.0			
			1548	-0.0	0.0			
			884	-0.0	0.0			
			886	0.0	0.0			
			1551	0.0	0.0			
	ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-----		INV TO~1	Max	Cent	16.6	365.2	178.5	440.4	-59.0
67.17									
					1548	10.2	193.2	178.5	302.2
58.60					884	10.2	533.5	178.5	588.6
72.86					886	31.5	533.5	178.5	590.5
72.30					1551	31.5	193.2	178.5	308.2
57.21			Min	Cent	-32.4	70.3	-88.3	121.2	-82.8
-60.04					1548	-39.6	26.5	-88.3	87.9
-55.19					884	-39.6	113.9	-88.3	154.2
-65.46					886	-39.9	113.9	-88.3	154.2
-65.50					1551	-39.9	26.5	-88.3	87.7
-55.25									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----			Max	Cent	15.6	7.3	7.6	20.1	3.0
30.91					1548	13.9	6.9	7.8	18.2
					884	25.5	10.9	7.6	28.8
31.35					886	5.6	2.7	6.9	11.2
23.18					1551	22.5	9.9	7.2	25.1
38.97			Min	Cent	-28.0	-19.6	-3.8	-18.1	-29.4
22.54					1548	-42.5	-22.0	-4.6	-21.0
-68.63					884	-15.2	-10.5	-5.1	-7.3
-79.92					886	-11.2	-15.2	-4.2	-8.9
-57.47					1551	-51.6	-32.4	-3.7	-31.9
-31.46									
-81.89									

				NODE	Vxx	Vyy
	Max	Cent			0.0	0.0
				1548	0.0	0.0
				884	0.0	0.0
				886	0.0	0.0
				1551	0.0	0.0
	Min	Cent			-0.0	-0.0
				1548	-0.0	-0.0
				884	-0.0	-0.0
				886	-0.0	-0.0
				1551	-0.0	-0.0

		LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

		INV TO~2	Max	Cent	18.5	466.3	178.5	478.6	6.2
80.71					1548	12.0	205.4	178.5	302.2
58.60									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

84.06		884	12.0	727.2	178.5	735.1	4.1
83.95		886	31.5	727.2	178.5	735.2	17.1
57.21		1551	31.5	205.4	178.5	308.2	-2.2
-60.04	Min	Cent	-32.4	70.3	-88.3	121.2	-82.8
-55.19		1548	-39.6	26.5	-88.3	87.9	-104.1
-65.46		884	-39.6	113.9	-88.3	154.2	-79.4
-65.50		886	-39.9	113.9	-88.3	154.2	-79.8
-55.25		1551	-39.9	26.5	-88.3	87.7	-100.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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30.91	Max	Cent	15.6	7.3	7.6	20.1	3.0
31.35		1548	13.9	6.9	7.8	18.2	2.2
-1.26		884	158.3	44.7	7.6	158.3	44.7
38.97		886	5.6	2.7	6.9	11.2	-2.6
22.54		1551	22.5	9.9	7.2	25.1	7.2
-68.63	Min	Cent	-28.0	-19.6	-3.8	-18.1	-29.4
89.26		1548	-154.4	-51.6	-4.6	-51.6	-154.4
-57.47		884	-15.2	-10.5	-5.1	-7.3	-18.4
-31.46		886	-11.2	-15.2	-4.2	-8.9	-17.9
-81.89		1551	-51.6	-32.4	-3.7	-31.9	-52.0

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1548	0.0	0.0
		884	0.0	0.0
		886	0.0	0.0
		1551	0.0	0.0
Min	Cent		-0.2	-0.0
		1548	-0.3	-0.0
		884	-0.3	-0.0
		886	-0.0	-0.0
		1551	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1245	2	15	c mob-a	Max	Cent	1.1	48.1	7.1	49.2	0.1
81.60					1701	0.6	39.2	7.1	40.5	-0.7
79.92					1016	0.6	63.4	7.1	64.1	-0.2
83.63					1020	1.8	63.4	7.1	64.2	1.0
83.51					1705	1.8	39.2	7.1	40.5	0.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.62								
	Min	Cent	-168.0	-4.6	-219.0	147.4	-320.1	
-55.23			1701	-104.0	-17.0	-219.0	162.8	-283.8
-50.62			1016	-104.0	-0.3	-219.0	172.9	-277.2
-51.66			1020	-242.2	-0.3	-219.0	128.9	-371.5
-59.46			1705	-242.2	-17.0	-219.0	116.7	-375.9
-58.61								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	3.5	1.9	2.5	5.4	0.1
36.15			1701	3.0	3.4	2.8	0.4
47.13			1016	2.1	5.7	2.2	1.0
64.51			1020	9.5	9.8	2.2	11.9
46.75			1705	2.5	3.1	2.8	5.6
47.94	Min	Cent	-10.9	-10.3	-2.0	-8.6	-12.6
-49.85			1701	-14.1	-10.5	-1.5	-9.9
-70.18			1016	-1.8	-8.5	-2.8	-0.8
-19.83			1020	-23.3	-20.8	-2.9	-18.9
-56.74			1705	-10.2	-12.9	-1.7	-9.4
-25.61							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1701	0.0	0.0
		1016	0.0	0.0
		1020	0.0	0.0
		1705	0.0	0.0
Min	Cent		-0.0	-0.0
		1701	-0.0	-0.0
		1016	-0.0	-0.0
		1020	-0.0	-0.0
		1705	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	2.7	50.8	6.9	51.8	1.7
81.94			1701	0.8	35.5	6.9	36.8	-0.5
79.09			1016	0.8	77.7	6.9	78.4	0.2
84.88			1020	4.7	77.7	6.9	78.4	4.1
84.61			1705	4.7	35.5	6.9	37.0	3.3
77.85	Min	Cent	-179.2	-8.1	-232.3	153.9	-341.2	
-55.11			1701	-110.4	-29.5	-232.3	165.8	
-49.94								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.64		1016	-110.4	-0.8	-232.3	183.0	-294.2
-59.26		1020	-253.2	-0.8	-232.3	137.3	-391.4
-57.86		1705	-253.2	-29.5	-232.3	116.5	-399.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		-----	-----	-----	-----	-----	-----
	Max	Cent	9.7	7.3	2.6	11.4	5.6
32.49		1701	12.5	11.9	2.9	15.1	9.3
42.19		1016	3.9	6.6	2.6	8.2	2.3
58.83		1020	21.8	22.5	2.7	24.9	19.5
48.63		1705	9.3	7.2	2.7	11.1	5.3
34.26	Min	Cent	-9.9	-9.4	-2.5	-7.2	-12.1
-47.47		1701	-12.9	-9.4	-1.7	-8.7	-13.6
-67.48		1016	-1.5	-14.7	-2.4	-1.0	-15.2
-10.10		1020	-23.4	-20.1	-3.4	-18.0	-25.5
-57.94		1705	-7.3	-11.2	-2.6	-6.0	-12.6
-26.77							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1701	0.0	0.0
		1016	0.0	0.0
		1020	0.0	0.0
		1705	0.0	0.0
	Min	Cent	-0.0	-0.0
		1701	-0.0	-0.0
		1016	-0.0	-0.0
		1020	-0.0	-0.0
		1705	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-145.5	54.8	-206.3	184.0	-274.6
-57.95		1701	-66.8	17.7	-206.3	186.0	-235.1
-50.79		1016	-66.8	91.9	-206.3	233.5	-208.5
-55.52		1020	-224.2	91.9	-206.3	193.7	-326.0
-63.73		1705	-224.2	17.7	-206.3	135.9	-342.3
-60.19							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		-----	-----	-----	-----	-----	-----
		Cent	4.2	0.5	-1.3	4.6	0.1
-17.90		1701	-0.5	-0.2	-0.4	0.1	-0.8
-55.83							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.32		1016	5.7	-12.4	-0.7	5.7	-12.4
-68.70		1020	9.5	13.1	-1.7	13.7	8.8
-39.32		1705	2.1	1.6	-1.3	3.2	0.5

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1701	-0.0	-0.0
1016	-0.0	-0.0
1020	-0.0	-0.0
1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.62	vento -y	Cent	-1.3	0.5	-3.3	3.1	-3.8
-50.21		1701	-0.2	1.1	-3.3	3.8	-2.9
-45.61		1016	-0.2	-0.0	-3.3	3.2	-3.4
-54.92		1020	-2.4	-0.0	-3.3	2.3	-4.7
-58.82		1705	-2.4	1.1	-3.3	3.1	-4.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
73.73	Cent	-0.6	-0.4	0.1	-0.4	-0.6
80.52	1701	-0.3	0.0	0.1	0.0	-0.3
-88.73	1016	-0.2	0.8	-0.0	0.8	-0.2
-49.46	1020	-1.9	-1.9	-0.0	-1.9	-2.0
5.13	1705	0.0	-0.5	0.1	0.0	-0.5

NODE	Vxx	Vyy
Cent	0.0	0.0
1701	0.0	0.0
1016	0.0	0.0
1020	0.0	0.0
1705	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.62	cedime~1	Cent	90.0	-26.1	138.5	182.1	-118.2
37.11		1701	42.9	-35.3	138.5	147.7	-140.1
38.91		1016	42.9	-16.9	138.5	154.7	-128.7
30.46		1020	137.2	-16.9	138.5	218.6	-98.3
29.04		1705	137.2	-35.3	138.5	214.0	-112.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.77		Cent	14.7	11.0	0.6	14.8	10.9
3.33		1701	16.0	6.7	0.5	16.0	6.7
16.57		1016	1.2	-6.8	2.6	2.0	-7.6
28.43		1020	31.6	28.8	2.2	32.7	27.6
89.17		1705	9.9	15.5	0.1	15.5	9.9

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1701	0.0	-0.0
1016	0.0	-0.0
1020	-0.0	-0.0
1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.79	perm	Cent	-51.4	18.4	-72.9	64.3	-97.3
-50.19		1701	-25.8	0.9	-72.9	61.7	-86.6
-56.47		1016	-25.8	35.9	-72.9	84.2	-74.1
-63.88		1020	-77.0	35.9	-72.9	71.7	-112.8
-59.06		1705	-77.0	0.9	-72.9	44.6	-120.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-5.29		Cent	2.4	0.8	-0.2	2.4	0.8
13.42		1701	1.2	0.2	0.3	1.2	0.1
2.23		1016	1.2	-6.4	0.3	1.2	-6.4
-83.10		1020	6.7	7.8	-0.1	7.8	6.7
-80.51		1705	0.6	1.6	-0.2	1.6	0.6

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1701	-0.0	-0.0
1016	-0.0	-0.0
1020	-0.0	-0.0
1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	42.3	87.0	75.1	271.8	-24.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-55.63							
		1701	18.2	53.9	75.1	285.6	-56.7
-49.99							
		1016	18.2	140.9	75.1	330.4	-20.8
-52.59							
		1020	66.5	140.9	75.1	256.1	14.8
-60.21							
		1705	66.5	53.9	75.1	201.8	-36.3
-58.09							
	Min	Cent	-293.3	-18.6	-386.5	112.1	-557.6
-68.38							
		1701	-174.8	-74.2	-386.5	89.1	-499.2
-60.90							
		1016	-174.8	17.9	-386.5	162.3	-470.4
-71.29							
		1020	-418.9	17.9	-386.5	157.9	-640.2
-60.57							
		1705	-418.9	-74.2	-386.5	80.4	-659.5
-67.25							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	30.2	21.7	4.0	20.1
21.68							
			1701	34.1	23.0	4.7	21.3
20.20							
			1016	7.6	2.5	6.4	0.2
23.63							
			1020	67.8	67.0	5.6	61.7
42.91							
			1705	23.0	26.8	3.7	20.8
58.73							
	Min	Cent	-12.4	-13.1	-3.5	-9.2	-16.2
-42.06							
			1701	-17.8	-13.9	-2.1	-18.8
-66.45							
			1016	-1.2	-33.1	-3.4	-33.1
-7.69							
			1020	-24.9	-20.3	-4.7	-27.8
-57.88							
			1705	-13.2	-15.8	-3.7	-18.5
-35.16							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1701	0.0	0.0
		1016	0.0	0.0
		1020	0.0	0.0
		1705	0.0	0.0
	Min	Cent	-0.0	-0.1
		1701	-0.0	-0.0
		1016	-0.0	-0.1
		1020	-0.0	-0.1
		1705	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	42.3	87.0	75.1	-24.1
-55.63								
				1701	18.2	53.9	75.1	-56.7
-49.99								
				1016	18.2	140.9	75.1	-20.8
-52.59								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-63.73		1020	66.5	140.9	75.1	261.5	14.8
-58.09		1705	66.5	53.9	75.1	201.8	-36.3
-68.38	Min	Cent	-293.3	-18.6	-386.5	112.1	-557.6
-60.90		1701	-174.8	-74.2	-386.5	89.1	-499.2
-71.29		1016	-174.8	17.9	-386.5	162.3	-470.4
-60.57		1020	-418.9	17.9	-386.5	157.9	-640.2
-67.25		1705	-418.9	-74.2	-386.5	80.4	-659.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	30.2	21.7	4.0	31.8	20.1
21.68		1701	34.1	23.0	4.7	35.8	21.3
20.20		1016	7.6	2.5	6.4	10.4	0.2
23.63		1020	67.8	67.0	5.6	73.0	61.7
42.91		1705	23.0	26.8	3.7	29.0	20.8
58.73	Min	Cent	-12.4	-13.1	-3.5	-9.2	-16.2
-42.06		1701	-17.8	-13.9	-2.1	-13.0	-18.8
-66.45		1016	-1.2	-33.1	-3.4	-0.7	-33.1
-7.69		1020	-24.9	-20.3	-4.7	-17.4	-27.8
-57.88		1705	-13.2	-15.8	-3.7	-10.5	-18.5
-35.16							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1701	0.0	0.0
		1016	0.0	0.0
		1020	0.0	0.0
		1705	0.0	0.0
	Min	Cent	-0.0	-0.1
		1701	-0.0	-0.0
		1016	-0.0	-0.1
		1020	-0.0	-0.1
		1705	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

1246	2	15	c mob-a	Max	Cent	0.8	51.2	86.1	115.7	-63.6
53.16					1705	1.1	16.0	86.1	94.9	-77.8
47.47					1020	1.1	90.0	86.1	142.4	-51.3
58.66					1025	0.9	90.0	86.1	142.4	-51.4
58.69					1710	0.9	16.0	86.1	94.8	-77.9
47.50				Min	Cent	-188.7	-9.7	-6.6	-9.4	-188.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.89			1705	-239.9	-5.1	-6.6	-4.9	-240.1
-88.39			1020	-239.9	-18.2	-6.6	-18.0	-240.1
-88.29			1025	-137.8	-18.2	-6.6	-17.9	-138.1
-86.84			1710	-137.8	-5.1	-6.6	-4.7	-138.1
-87.15								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	3.9	2.4	3.0	6.2	0.0
37.83			1705	2.9	3.5	2.3	5.5	0.9
49.14			1020	9.4	9.7	3.5	13.0	6.1
46.06			1025	2.2	2.8	3.4	5.9	-0.9
47.62			1710	4.2	1.5	2.3	5.4	0.2
29.56		Min	Cent	-10.4	-9.6	-3.7	-6.3	-13.7
-48.11			1705	-10.7	-15.0	-3.6	-8.6	-17.0
-29.38			1020	-24.4	-24.5	-2.4	-22.1	-26.9
-44.31			1025	-2.1	-5.8	-3.2	-0.2	-7.7
-30.11			1710	-12.5	-5.4	-4.5	-3.2	-14.7
-64.02								

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		1705		0.0	0.0
		1020		0.0	0.0
		1025		0.0	0.0
		1710		0.0	0.0
	Min	Cent		-0.0	-0.0
		1705		-0.0	-0.0
		1020		-0.0	-0.0
		1025		-0.0	-0.0
		1710		-0.0	-0.0

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	1.6	51.1	63.7	94.7
55.61				1705	2.9	13.8	63.7	-55.6
47.44				1020	2.9	93.9	63.7	-29.9
62.75				1025	1.4	93.9	63.7	-31.1
62.98				1710	1.4	13.8	63.7	-56.4
47.78			Min	Cent	-179.7	-21.5	-6.4	-21.2
-87.70				1705	-251.8	-9.0	-6.4	-252.0
-88.50				1020	-251.8	-38.8	-6.4	-252.0
-88.29								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-85.56		1025	-120.4	-38.8	-6.4	-38.3	-120.9
-86.74		1710	-120.4	-9.0	-6.4	-8.7	-120.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	8.8	5.6	4.6	12.1	2.3
35.68		1705	10.1	11.4	3.8	14.7	6.9
50.10		1020	21.7	22.2	4.1	26.0	17.9
46.53		1025	4.3	2.6	4.6	8.1	-1.2
39.78		1710	10.2	2.9	4.3	12.2	0.9
25.05	Min	Cent	-8.2	-8.9	-4.8	-3.7	-13.4
-42.76		1705	-7.7	-13.2	-4.4	-5.2	-15.6
-28.78		1020	-24.8	-24.9	-3.5	-21.3	-28.4
-44.46		1025	-1.2	-9.6	-4.5	0.7	-11.6
-23.44		1710	-5.4	-4.4	-5.7	0.9	-10.7
-47.61							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1705	0.0	0.0
		1020	0.0	0.0
		1025	0.0	0.0
		1710	0.0	0.0
	Min	Cent	-0.0	-0.0
		1705	-0.0	-0.0
		1020	-0.0	-0.0
		1025	-0.0	-0.0
		1710	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	-186.3	24.8	64.9	43.2	-204.6
74.20		1705	-233.2	2.9	64.9	19.6	-249.8
75.59		1020	-233.2	46.7	64.9	61.0	-247.5
77.55		1025	-139.3	46.7	64.9	67.1	-159.8
72.54		1710	-139.3	2.9	64.9	28.1	-164.5
68.80							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	5.6	-0.3	0.5	5.7	-0.3
4.53		1705	2.1	1.4	-0.4	2.3	1.2
-25.88		1020	8.6	10.2	1.2	10.8	8.0
62.08							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2.72		1025	4.6	-11.3	0.8	4.6	-11.3
-5.56		1710	7.3	-1.5	-0.9	7.4	-1.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
1705	-0.0	0.0
1020	-0.0	0.0
1025	-0.0	0.0
1710	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-85.45	vento -y	Cent	-1.2	2.1	-0.3	2.2	-1.2
-83.92		1705	-1.9	0.6	-0.3	0.6	-2.0
-87.28		1020	-1.9	3.7	-0.3	3.7	-1.9
-86.38		1025	-0.5	3.7	-0.3	3.7	-0.5
-76.70		1710	-0.5	0.6	-0.3	0.6	-0.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-49.33	Cent	-0.6	-0.5	-0.3	-0.2	-0.8
-21.02	1705	0.0	-0.6	-0.3	0.1	-0.7
-41.26	1020	-2.0	-2.0	-0.2	-1.8	-2.1
-71.91	1025	-0.1	0.5	-0.2	0.6	-0.2
-58.63	1710	-0.3	0.0	-0.3	0.3	-0.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
1705	0.0	-0.0
1020	0.0	-0.0
1025	-0.0	-0.0
1710	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.49	cedime~1	Cent	96.6	-58.2	-4.0	96.7	-58.3
-1.65		1705	127.5	-11.5	-4.0	127.6	-11.6
-0.99		1020	127.5	-104.9	-4.0	127.6	-105.0
-1.35		1025	65.6	-104.9	-4.0	65.7	-105.0
-2.97		1710	65.6	-11.5	-4.0	65.8	-11.7

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

37.76	Cent	14.5	12.3	4.4	17.9	8.9	
64.64	1705	10.5	17.7	4.4	19.8	8.4	
43.57	1020	32.7	32.5	2.0	34.6	30.6	
25.20	1025	2.4	-2.9	3.2	3.9	-4.4	
23.28	1710	12.5	1.7	5.7	14.9	-0.7	

NODE Vxx Vyy

Cent	-0.0	0.0
1705	-0.0	0.0
1020	-0.0	0.0
1025	0.0	0.0
1710	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
73.55	perm	Cent	-62.5	2.8	21.1	9.0	-68.7
76.36		1705	-81.7	0.2	21.1	5.4	-86.8
77.06		1020	-81.7	5.4	21.1	10.2	-86.6
69.52		1025	-43.3	5.4	21.1	13.3	-51.2
67.92		1710	-43.3	0.2	21.1	8.8	-51.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
20.27	Cent	3.0	0.9	0.9	3.4	0.6
67.79	1705	0.6	1.7	0.5	2.0	0.4
49.56	1020	6.4	6.7	1.0	7.5	5.6
8.42	1025	1.7	-4.4	0.9	1.8	-4.5
7.34	1710	3.5	-0.5	0.5	3.5	-0.5

NODE Vxx Vyy

Cent	-0.0	0.0
1705	-0.0	0.0
1020	-0.0	0.0
1025	0.0	0.0
1710	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.59	INV TO~1 Max	Cent	36.3	72.0	137.3	158.8	-108.8
		1705	49.8	21.8	137.3	164.8	-104.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.51			1710	24.2	21.8	137.3	150.7	-116.2
86.58	Min	Cent		-317.2	-84.4	8.2	-83.9	-317.7
88.27			1705	-421.7	-23.5	8.2	-23.2	-422.0
86.72			1020	-421.7	-152.0	8.2	-151.5	-422.1
62.79			1025	-229.3	-152.0	8.2	-147.8	-230.1
86.68			1710	-229.3	-23.5	8.2	-23.0	-230.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
34.76	Max	Cent		29.4	20.8	11.5	37.4	12.8
58.35			1705	24.7	34.9	10.1	41.2	18.5
46.19			1020	68.4	69.1	8.4	77.2	60.4
28.52			1025	9.9	-0.5	10.3	15.5	-4.7
22.28			1710	29.7	5.2	12.0	34.6	1.0
-42.29	Min	Cent		-11.0	-12.1	-5.6	-6.0	-17.2
-33.12			1705	-13.8	-18.5	-5.4	-10.2	-22.0
-45.47			1020	-27.1	-27.0	-3.8	-23.2	-30.9
-16.13			1025	-1.1	-20.3	-5.1	0.4	-20.4
-55.65			1710	-13.4	-7.7	-7.2	-2.8	-18.3

		NODE	Vxx	Vyy
Max	Cent		0.0	0.1
		1705	0.0	0.0
		1020	0.0	0.1
		1025	0.0	0.1
		1710	0.0	0.0
Min	Cent		-0.0	-0.0
		1705	-0.0	-0.0
		1020	-0.0	-0.0
		1025	-0.0	-0.0
		1710	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
1300	1	2	c mob-a	Max	Cent	27.0	39.4	24.3	58.3	8.1	
52.10						1106	17.3	58.4	24.3	69.7	6.0
65.08						1108	17.3	22.5	24.3	44.4	-4.6
48.04						1416	49.9	22.5	24.3	64.1	8.3
30.31						1414	49.9	58.4	24.3	78.8	29.4
49.95				Min	Cent	-546.1	-928.7	-1830.7	1103.2	-2578.0	
-42.02						1106	-794.1	-1217.4	-1830.7	837.1	-2848.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-41.70			1108	-794.1	-640.9	-1830.7	1114.7	-2549.8
-46.20			1416	-301.2	-640.9	-1830.7	1367.5	-2309.6
-42.35			1414	-301.2	-1217.4	-1830.7	1127.8	-2646.4
-37.98								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1060.3	442.6	5060.7	5821.6	-4318.7
43.25			1106	1004.7	712.2	4172.6	5033.6	-3316.7
44.00			1108	1321.0	695.1	2307.4	3336.5	-1320.4
41.14			1416	608.6	366.2	4410.8	4899.9	-3925.2
44.21			1414	3144.7	1433.1	6343.1	8689.5	-4111.7
41.16		Min	Cent	-31054.5	-28181.3	-3976.7	-25389.7	-33846.1
-54.93			1106	-57892.8	-51983.5	-2256.9	-51220.2	-58656.1
-71.31			1108	-4257.5	-21403.2	-4450.2	-3171.2	-22489.4
-13.72			1416	-20044.3	-19747.1	-5301.5	-14592.0	-25199.3
-45.80			1414	-45290.4	-21596.5	-3310.2	-21142.7	-45744.2
-82.19								


			NODE	Vxx	Vyy
	Max	Cent		1.9	0.9
		1106		1.0	1.5
		1108		1.0	3.8
		1416		3.8	3.8
		1414		3.8	1.5
	Min	Cent		-41.2	-27.8
		1106		-53.4	-55.2
		1108		-53.4	-8.3
		1416		-32.6	-8.3
		1414		-32.6	-55.2

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	43.9	25.9	20.5	57.3	12.5
33.14				1106	25.8	35.8	20.5	51.9	9.7
51.78				1108	25.8	16.4	20.5	42.2	0.1
38.55				1416	67.2	16.4	20.5	74.5	9.2
19.49				1414	67.2	35.8	20.5	77.4	25.6
26.27			Min	Cent	-514.1	-913.5	-1773.4	1070.8	-2498.4
-41.79				1106	-752.4	-1205.6	-1773.4	808.8	-2766.8
-41.36				1108	-752.4	-624.3	-1773.4	1086.2	-2462.9
-46.03				1416	-279.7	-624.3	-1773.4	1329.7	-2233.7
-42.22									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

77.59 1414 -125792.1 -49560.9 17627.5 -45682.1 -129670.9

NODE	Vxx	Vyy
Cent	-117.4	-77.7
1106	-153.7	-149.6
1108	-153.7	-5.8
1416	-81.1	-5.8
1414	-81.1	-149.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.73	vento -y	Cent	-48.9	-30.6	45.2	6.4	-85.8
46.82		1106	-55.7	-49.9	45.2	-7.5	-98.1
58.11		1108	-55.7	-11.2	45.2	16.9	-83.8
54.44		1416	-42.1	-11.2	45.2	21.1	-74.4
42.52		1414	-42.1	-49.9	45.2	-0.7	-91.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.86	Cent	3172.5	2802.6	-559.6	3576.9	2398.2
-12.83	1106	5569.9	3980.0	-381.9	5656.9	3893.0
-69.66	1108	931.7	1948.7	-437.0	2110.6	769.7
-59.29	1416	1170.5	1926.0	-693.1	2337.6	758.9
-18.76	1414	5017.7	3356.0	-638.1	5234.4	3139.3

NODE	Vxx	Vyy
Cent	4.3	0.5
1106	4.7	0.8
1108	4.7	0.1
1416	4.0	0.1
1414	4.0	0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.08	cedime~1	Cent	-122.3	-241.3	-34.6	-113.0	-250.7
-10.74		1106	-161.7	-337.5	-34.6	-155.1	-344.0
-51.69		1108	-161.7	-145.2	-34.6	-117.9	-189.0
-24.01		1416	-83.0	-145.2	-34.6	-67.5	-160.6
-7.60		1414	-83.0	-337.5	-34.6	-78.3	-342.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-46.80          Cent      2801.9    3175.9    -2974.7    5969.5      8.4
-24.73          1106     7094.8    4188.8    -1698.4    7877.0    3406.7
-44.27          1108      919.5     751.5     -3308.4    4144.9   -2474.0
-51.46          1416    -111.4    1785.6    -4137.5    5082.0   -3407.7
-58.93          1414    3304.9    5977.6    -2527.6    7500.4   1782.1
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      4.5      -3.0
          1106      6.1      -4.1
          1108      6.1      -2.0
          1416      2.9      -2.0
          1414      2.9      -4.1
    
```

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          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm          Cent      -301.2    -684.7    -1409.8    929.8    -1915.7
-41.13          1106     -476.2    -887.6    -1409.8    742.8    -2106.7
-40.85          1108     -476.2    -481.9    -1409.8    930.7    -1888.9
-44.94          1416    -126.1    -481.9    -1409.8    1117.0   -1724.9
-41.40          1414    -126.1    -887.6    -1409.8    953.5    -1967.2
-37.44
    
```

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          ANGLE          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent     -26356.7  -19776.1    3942.2   -17931.5  -28201.3
64.92          1106    -49177.0  -41453.8    3174.6   -40316.4  -50314.4
70.29          1108    -2470.6  -11351.1     952.6    -2369.5  -11452.1
6.05          1416   -16290.4  -13979.5    3110.3   -11817.0  -18453.0
55.19          1414   -37488.7  -12319.8    5332.3   -11236.7  -38571.8
78.52
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent     -34.6     -21.5
          1106    -45.2     -42.7
          1108    -45.2      -0.2
          1416    -23.9      -0.2
          1414    -23.9     -42.7
    
```

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          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1  Max          Cent     -241.8    -631.6    -1376.9    2418.8    -1827.4
-41.69          1106    -441.4    -808.8    -1376.9    1872.5    -2014.2
-41.39          1108    -441.4    -451.5    -1376.9    2434.8    -1823.4
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.74			1416	-35.3	-451.5	-1376.9	2962.6	-1636.0
-42.01			1414	-35.3	-808.8	-1376.9	2475.8	-1852.3
-37.78	Min	Cent		-1160.7	-2179.8	-3915.8	815.7	-5619.0
-39.89			1106	-1710.0	-2868.5	-3915.8	562.8	-6247.7
-39.55			1108	-1710.0	-1492.3	-3915.8	811.7	-5518.4
-45.06			1416	-615.7	-1492.3	-3915.8	1074.2	-4994.2
-40.19			1414	-615.7	-2868.5	-3915.8	869.9	-5816.7
-35.00								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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54.41	Max	Cent		-21726.0	-15958.6	11438.3	-9900.9	-27783.7
53.01			1106	-40541.5	-36303.6	9074.4	-30748.3	-46096.8
22.98			1108	232.3	-9336.3	4860.8	1374.1	-9581.9
48.09			1416	-15468.9	-11574.6	9729.7	-4627.9	-19517.5
67.99			1414	-28967.0	-3816.7	14679.1	1095.1	-33878.8
-82.43	Min	Cent		-68360.5	-57820.8	-4401.0	-57631.2	-68550.1
89.55			1106	-127916.6	-111631.6	-1570.6	-111630.5	-127917.6
-8.76			1108	-8218.2	-40245.4	-8363.6	-7439.2	-41536.9
-54.26			1416	-43461.6	-40638.1	-8184.3	-37726.2	-49659.6
89.13			1414	-98630.8	-41475.0	-1664.1	-41461.9	-98643.9

			NODE	Vxx	Vyy
Max	Cent			-26.7	-20.3
			1106	-37.6	-40.6
			1108	-37.6	5.6
			1416	-14.9	5.6
Min	Cent			-14.9	-40.6
			1106	-90.2	-62.0
			1108	-117.6	-121.3
			1414	-117.6	-13.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-42.01	INV TO~2	Max	Cent	-241.8	-631.6	-1376.9	4481.1	-1827.4
-42.01			1106	-441.4	-808.8	-1376.9	3546.1	-2014.2
-45.83			1108	-441.4	-451.5	-1376.9	4446.2	-1823.4
-42.01			1416	-35.3	-451.5	-1376.9	5416.2	-1636.0
-38.29			1414	-35.3	-808.8	-1376.9	4638.7	-1852.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-39.89	Min	Cent	-1809.1	-3272.3	-6983.6	815.7	-9562.6
-39.55		1106	-2743.9	-4207.7	-6983.6	562.8	-10497.7
-45.06		1108	-2743.9	-2336.9	-6983.6	811.7	-9527.0
-40.19		1416	-874.4	-2336.9	-6983.6	1074.2	-8627.5
-35.00		1414	-874.4	-4207.7	-6983.6	869.9	-9720.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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54.41	Max	Cent	-21726.0	-15958.6	16951.9	-9900.9	-27783.7
53.01		1106	-40541.5	-36303.6	13405.5	-30748.3	-46096.8
22.98		1108	232.3	-9336.3	4860.8	1374.1	-9581.9
48.09		1416	-15468.9	-11574.6	13158.2	-4627.9	-19517.5
67.99		1414	-28967.0	-3816.7	23797.2	1095.1	-33878.8
58.02	Min	Cent	-118702.4	-102138.0	-4401.0	-91553.3	-129287.2
62.83		1106	-223604.6	-204360.5	-1570.6	-197481.3	-230483.8
2.83		1108	-8974.6	-64757.2	-8363.6	-8837.7	-64894.1
44.87		1416	-72411.2	-72527.2	-8184.3	-59310.8	-85627.5
77.59		1414	-169819.4	-66907.2	-1664.1	-61670.8	-175055.8

		NODE	Vxx	Vyy
Max	Cent		-26.7	-20.3
	1106		-37.6	-40.6
	1108		-37.6	5.6
	1416		-14.9	5.6
	1414		-14.9	-40.6
Min	Cent		-158.5	-104.9
	1106		-207.5	-202.0
	1108		-207.5	-13.3
	1416		-109.5	-13.3
	1414		-109.5	-202.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
1301	1	2	c mob-a	Max	Cent	27.4	15.4	27.0	49.1	-6.2
38.71					1108	21.2	22.2	27.0	48.7	-5.2
45.53					1110	21.2	10.0	27.0	43.2	-11.9
39.14					1418	40.3	10.0	27.0	56.1	-5.7
30.35					1416	40.3	22.2	27.0	59.7	2.8
35.73				Min	Cent	-345.7	-372.1	-2008.4	1649.6	-2367.4
-44.81					1108	-498.2	-611.9	-2008.4	1454.2	-2564.3
-44.19					1110	-498.2	-177.0	-2008.4	1677.3	-2352.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-47.29							
		1418	-195.0	-177.0	-2008.4	1822.5	-2194.5
-45.13							
		1416	-195.0	-611.9	-2008.4	1615.8	-2422.7
-42.04							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	2302.7	723.6	1020.8	2803.7	222.6
26.14								
			1108	446.1	642.8	979.0	1528.4	-439.5
47.87								
			1110	3535.7	6239.4	759.7	6438.3	3336.9
75.33								
			1418	8389.7	5667.7	1237.7	8868.3	5189.1
21.14								
			1416	1705.9	339.6	2191.1	3318.0	-1272.4
36.34								
		Min	Cent	-8443.4	-13173.8	-4996.4	-5280.6	-16336.6
-32.33								
			1108	-17665.0	-23755.0	-6569.8	-13468.8	-27951.1
-32.57								
			1110	-794.8	-12105.2	-6270.2	1993.8	-14893.7
-23.98								
			1418	-1868.1	-3334.5	-3244.4	724.9	-5927.5
-38.63								
			1416	-19850.9	-19971.2	-4870.3	-15040.4	-24781.8
-44.65								

			NODE	Vxx	Vyy
		Max	Cent	1.2	2.6
			1108	0.8	3.8
			1110	0.8	2.4
			1418	1.6	2.4
			1416	1.6	3.8
		Min	Cent	-18.3	-10.1
			1108	-17.9	-8.3
			1110	-17.9	-13.6
			1418	-19.7	-13.6
			1416	-19.7	-8.3

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	40.0	11.8	21.1	51.3	0.5
28.17									
				1108	28.9	15.9	21.1	44.5	0.3
36.46									
				1110	28.9	8.2	21.1	42.1	-5.0
31.94									
				1418	52.6	8.2	21.1	61.0	-0.2
21.79									
				1416	52.6	15.9	21.1	62.2	6.3
24.51									
			Min	Cent	-335.4	-347.8	-1951.6	1610.0	-2293.2
-44.91									
				1108	-483.9	-597.6	-1951.6	1411.7	-2493.2
-44.17									
				1110	-483.9	-115.3	-1951.6	1660.7	-2259.9
-47.70									
				1418	-189.0	-115.3	-1951.6	1799.8	-2104.1
-45.54									
				1416	-189.0	-597.6	-1951.6	1569.0	-2355.6
-42.01									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.28	Max	Cent	856.7	971.7	1291.1	2206.5	-378.2
49.17		1108	434.5	810.2	1282.8	1918.8	-674.1
76.79		1110	3471.5	6904.0	852.4	7104.0	3271.5
63.57		1418	3702.7	6136.3	1606.6	6934.9	2904.2
43.18		1416	754.0	411.4	2692.2	3280.3	-2114.9
-38.24	Min	Cent	-8509.9	-10207.6	-3531.3	-5726.8	-12990.7
-36.44		1108	-17514.5	-20372.6	-4642.0	-14086.6	-23800.5
-32.22		1110	-749.1	-6549.9	-6064.5	3072.9	-10371.9
-46.74		1418	-2448.5	-2146.2	-2482.2	189.4	-4784.1
-53.44		1416	-20006.1	-18706.8	-2141.5	-17118.5	-21594.3

		NODE	Vxx	Vyy
Max	Cent		1.5	2.8
	1108		1.0	4.3
	1110		1.0	2.8
	1418		2.0	2.8
	1416		2.0	4.3
Min	Cent		-17.3	-6.8
	1108		-17.7	-6.0
	1110		-17.7	-7.8
	1418		-17.0	-7.8
	1416		-17.0	-6.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-44.86	pp	Cent	-878.0	-935.2	-5697.8	4791.2	-6604.4
-44.17		1108	-1309.9	-1638.6	-5697.8	4225.9	-7174.4
-47.70		1110	-1309.9	-231.8	-5697.8	4952.3	-6494.1
-45.54		1418	-446.0	-231.8	-5697.8	5359.8	-6037.7
-42.01		1416	-446.0	-1638.6	-5697.8	4686.6	-6771.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-39.66		Cent	-23614.6	-26457.1	-7541.1	-17361.9	-32709.7
-37.03		1108	-50059.8	-56650.7	-11539.1	-41354.8	-65355.8
-36.28		1110	8735.0	-1318.0	-16004.5	20483.8	-13066.8
-60.59		1418	1772.1	6117.9	-3592.1	8143.1	-253.2
58.99		1416	-54905.5	-53977.4	873.3	-53452.5	-55430.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-47.5	-9.9
1108	-49.1	-5.8
1110	-49.1	-14.1
1418	-45.9	-14.1
1416	-45.9	-5.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
55.74	vento -y	Cent	-44.8	-7.5	47.3	24.7	-77.0
56.43		1108	-50.2	-10.4	47.3	21.0	-81.6
57.85		1110	-50.2	-4.7	47.3	25.0	-80.0
55.04		1418	-39.3	-4.7	47.3	28.3	-72.4
53.50		1416	-39.3	-10.4	47.3	24.6	-74.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-60.36	Cent	839.0	1338.9	-420.8	1578.4	599.5
-68.10	1108	1398.3	2042.0	-308.5	2166.0	1274.3
-69.58	1110	237.9	831.0	-256.4	926.5	142.4
-54.25	1418	94.0	465.6	-555.4	865.4	-305.8
-53.93	1416	1625.6	2017.0	-607.5	2459.5	1183.1

NODE	Vxx	Vyy
Cent	1.1	0.3
1108	0.9	0.1
1110	0.9	0.5
1418	1.3	0.5
1416	1.3	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.17	cedime~1	Cent	-117.4	-98.5	-37.0	-69.8	-146.0
-45.71		1108	-146.0	-144.2	-37.0	-108.2	-182.1
-70.82		1110	-146.0	-52.7	-37.0	-39.8	-158.9
-57.98		1418	-88.7	-52.7	-37.0	-29.6	-111.8
-26.53		1416	-88.7	-144.2	-37.0	-70.2	-162.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	1884.2	289.1	-3173.1	4358.4	-2185.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-37.95							
		1108	744.6	716.6	-3331.1	4061.7	-2600.5
-44.88		1110	907.8	-2314.0	-2245.8	2060.7	-3466.9
-27.17		1418	3715.2	512.1	-2931.7	5454.2	-1227.0
-30.68		1416	2169.1	2241.7	-4017.0	6222.5	-1811.7
-45.26							

NODE	Vxx	Vyy
Cent	-1.4	-2.8
1108	-0.8	-2.0
1110	-0.8	-3.6
1418	-1.9	-3.6
1416	-1.9	-2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-195.9	-269.3	-1555.1	1323.0	-1788.1
-44.32		1108	-304.2	-460.8	-1555.1	1174.6	-1939.6
-43.56		1110	-304.2	-77.8	-1555.1	1368.2	-1750.2
-47.08		1418	-87.5	-77.8	-1555.1	1472.5	-1637.8
-45.09		1416	-87.5	-460.8	-1555.1	1292.1	-1840.4
-41.58							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-6962.5	-5685.8	-1857.9	-4359.7	-8288.6
-54.48	1108	-14726.4	-13802.3	-2982.3	-11246.5	-17282.2
-49.40	1110	2567.1	1776.3	-4206.9	6397.1	-2053.8
-42.32	1418	793.4	3301.0	-713.9	3490.0	604.4
-75.17	1416	-16484.0	-14018.3	510.7	-13916.7	-16585.6
78.75						

NODE	Vxx	Vyy
Cent	-14.4	-1.6
1108	-14.6	-0.2
1110	-14.6	-3.0
1418	-14.2	-3.0
1416	-14.2	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	-141.9	-248.5	-1518.7	3549.8	-1714.8
-44.63		1108	-265.2	-430.8	-1518.7	3137.5	-1868.9
-43.96		1110	-265.2	-64.2	-1518.7	3632.5	-1686.7
-47.21		1418	-16.5	-64.2	-1518.7	3932.8	-1559.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.11			1416	-16.5	-430.8	-1518.7	3473.3	-1756.4
-41.87		Min	Cent	-779.9	-870.0	-4303.5	1253.1	-5128.7
-44.19			1108	-1122.8	-1431.1	-4303.5	1064.7	-5583.1
-43.49			1110	-1122.8	-369.4	-4303.5	1298.5	-5066.0
-47.70			1418	-439.5	-369.4	-4303.5	1444.6	-4708.0
-44.89			1416	-439.5	-1431.1	-4303.5	1233.2	-5267.2
-40.71								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	-1969.7	-4084.9	-114.9	426.6	-4398.3
-36.08			1108	-13379.5	-11991.9	-1250.6	-8051.8	-14853.3
-49.31			1110	8248.1	11096.7	-3056.2	13824.1	5631.3
-46.44			1418	15834.6	12097.1	1454.9	16347.7	11584.1
-19.16			1416	-12011.9	-11221.2	4145.1	-9661.3	-12032.1
47.48		Min	Cent	-18450.8	-23470.5	-11776.1	-11999.0	-32105.8
-36.87			1108	-38574.1	-45871.5	-15182.6	-29822.3	-57110.4
-36.44			1110	1494.1	-16879.7	-14917.5	8465.9	-25000.6
-28.82			1418	-2512.2	-1200.6	-8025.5	3279.5	-7823.8
-48.67			1416	-43492.2	-40979.4	-10081.2	-36042.8	-50194.2
-50.85								

			NODE	Vxx	Vyy
	Max	Cent		-12.4	2.2
		1108		-13.3	5.6
		1110		-13.3	0.8
		1418		-11.5	0.8
		1416		-11.5	5.6
	Min	Cent		-40.5	-18.0
		1108		-39.5	-13.3
		1110		-39.5	-24.9
		1418		-42.8	-24.9
		1416		-42.8	-13.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	-141.9	-248.5	-1518.7	6468.2	-1714.8
-44.86				1108	-265.2	-430.8	-1518.7	5704.9	-1868.9
-44.17				1110	-265.2	-64.2	-1518.7	6685.7	-1686.7
-47.70				1418	-16.5	-64.2	-1518.7	7235.8	-1559.2
-45.54				1416	-16.5	-430.8	-1518.7	6326.8	-1756.4
-42.01			Min	Cent	-1185.2	-1262.5	-7692.0	1253.1	-8916.0
-44.19									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.49	1108	-1768.4	-2212.1	-7692.0	1064.7	-9685.4
-47.70	1110	-1768.4	-369.4	-7692.0	1298.5	-8767.0
-44.89	1418	-602.1	-369.4	-7692.0	1444.6	-8150.9
-40.71	1416	-602.1	-2212.1	-7692.0	1233.2	-9141.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	-1969.7	-4084.9	-114.9	426.6	-4398.3
-36.08		1108	-13379.5	-11991.9	-1250.6	-8051.8	-14853.3
-49.31		1110	11792.3	11096.7	-3056.2	27653.1	5631.3
-36.28		1418	15834.6	12097.1	1454.9	16347.7	11584.1
-19.16		1416	-12011.9	-11221.2	4145.1	-9661.3	-12032.1
47.48	Min	Cent	-31879.7	-35717.0	-11776.1	-23438.6	-44158.1
-39.66		1108	-67580.8	-76478.5	-15577.8	-55829.0	-88230.3
-37.03		1110	1494.1	-16879.7	-21606.1	8465.9	-25000.6
-28.82		1418	-2512.2	-1200.6	-8025.5	3279.5	-7823.8
-48.67		1416	-74122.5	-72869.4	-10081.2	-72160.9	-74831.1
58.99							

	NODE	Vxx	Vyy
Max	Cent	-12.4	2.2
	1108	-13.3	5.6
	1110	-13.3	0.8
	1418	-11.5	0.8
	1416	-11.5	5.6
Min	Cent	-64.2	-18.0
	1108	-66.3	-13.3
	1110	-66.3	-24.9
	1418	-62.0	-24.9
	1416	-62.0	-13.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
1314	1	2	c mob-a	Max	Cent	17.7	43.0	1435.5	1465.9	-1405.2
45.25					1109	11.9	21.5	1435.5	1452.2	-1418.8
45.10					1107	11.9	66.6	1435.5	1475.0	-1396.5
45.55					1415	24.2	66.6	1435.5	1481.0	-1390.3
45.42					1417	24.2	21.5	1435.5	1458.3	-1412.7
44.97				Min	Cent	-793.6	-1055.8	-21.5	-791.9	-1057.6
-4.66					1109	-1077.3	-689.3	-21.5	-688.1	-1078.4
-86.84					1107	-1077.3	-1422.7	-21.5	-1075.9	-1424.1
-3.55					1415	-515.6	-1422.7	-21.5	-515.1	-1423.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.36			1417	-515.6	-689.3	-21.5	-513.0	-691.9
-6.95								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----			-----	-----	-----	-----	-----	-----
		Max	Cent	4686.0	700.5	5025.9	8099.9	-2713.3
34.19			1109	3176.0	913.9	7144.7	9278.7	-5188.7
40.50			1107	7683.3	1557.8	3247.5	9084.5	156.6
23.34			1415	7956.8	6355.5	3727.9	10969.0	3343.3
38.94			1417	1807.4	491.9	7316.6	8495.8	-6196.5
42.43		Min	Cent	-12828.5	-14557.4	-1267.3	-12158.9	-15227.0
-27.85			1109	-1761.2	-13673.5	-1145.4	-1652.1	-13782.6
-5.44			1107	-23912.8	-29688.3	-833.4	-23795.0	-29806.1
-8.05			1415	-17257.7	-7526.4	-1358.0	-7340.5	-17443.7
-82.20			1417	-13384.5	-11428.5	-1459.1	-10650.0	-14163.0
-61.92								

			NODE	Vxx	Vyy
		Max	Cent	14.7	0.7
			1109	23.5	2.9
			1107	23.5	1.6
			1415	9.8	1.6
			1417	9.8	2.9
		Min	Cent	-6.5	-25.0
			1109	-6.4	-8.7
			1107	-6.4	-48.0
			1415	-7.5	-48.0
			1417	-7.5	-8.7

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE			-----	-----	-----	-----	-----	-----	-----

	c mob-b	Max	Cent	15.6	25.0	1389.1	1409.4	-1368.8	
45.10			1109	11.3	13.5	1389.1	1401.5	-1376.7	
45.02			1107	11.3	41.0	1389.1	1415.3	-1363.1	
45.31			1415	20.3	41.0	1389.1	1419.8	-1358.5	
45.21			1417	20.3	13.5	1389.1	1406.0	-1372.2	
44.93		Min	Cent	-788.1	-980.7	-12.0	-787.3	-981.4	
-3.55			1109	-1066.3	-645.5	-12.0	-645.2	-1066.7	
-88.37			1107	-1066.3	-1316.4	-12.0	-1065.8	-1317.0	
-2.74			1415	-522.0	-1316.4	-12.0	-521.9	-1316.6	
-0.86			1417	-522.0	-645.5	-12.0	-520.9	-646.7	
-5.50									
			NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Max	Cent	6230.2	696.8	3907.5	8251.3	-1324.3
27.35		1109	3413.6	589.7	5664.4	7839.4	-3836.1
38.00		1107	11060.2	2077.0	2824.0	11874.2	1263.0
16.08		1415	9892.4	4984.3	2951.1	11276.4	3600.2
25.13		1417	2688.8	368.3	5530.0	7179.0	-4121.8
39.08	Min	Cent	-11941.0	-14398.2	-822.5	-11691.2	-14648.1
-16.90		1109	-900.5	-13236.5	-783.8	-850.9	-13286.1
-3.62		1107	-22615.1	-28602.7	-505.0	-22572.8	-28645.0
-4.79		1415	-15179.5	-7668.2	-981.0	-7542.2	-15305.5
-82.68		1417	-12243.7	-11181.6	-979.8	-10598.2	-12827.1
-59.23							

	NODE	Vxx	Vyy
Max	Cent	14.1	0.8
	1109	22.3	2.5
	1107	22.3	0.9
	1415	7.8	0.9
	1417	7.8	2.5
Min	Cent	-8.4	-23.6
	1109	-9.1	-7.8
	1107	-9.1	-44.9
	1415	-8.2	-44.9
	1417	-8.2	-7.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-2241.3	-2734.5	3948.2	1468.0	-6443.8
43.21		1109	-3084.0	-1820.3	3948.2	1546.3	-6450.6
49.55		1107	-3084.0	-3648.8	3948.2	591.9	-7324.7
42.95		1415	-1398.6	-3648.8	3948.2	1581.7	-6629.1
37.05		1417	-1398.6	-1820.3	3948.2	2344.4	-5563.2
43.47							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-24007.5	-34140.3	8527.3	-19155.1	-38992.8
29.64	1109	7796.9	-28366.9	16357.4	14097.8	-34667.8
21.07	1107	-46674.6	-79994.5	6101.4	-45592.5	-81076.6
10.06	1415	-28049.3	305.8	4339.9	955.2	-28698.7
81.49	1417	-29103.1	-28505.7	14595.9	-14205.4	-43403.4
45.59						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      27.1      -66.8
          1109      49.1      -11.5
          1107      49.1     -122.1
          1415       5.2     -122.1
          1417       5.2     -11.5
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
38.41	vento -y	Cent	53.5	37.7	33.8	80.3	10.9
27.67		1109	62.4	15.6	33.8	80.1	-2.1
43.88		1107	62.4	59.7	33.8	94.9	27.2
51.28		1415	44.7	59.7	33.8	86.9	17.6
33.38		1417	44.7	15.6	33.8	67.0	-6.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-75.38	Cent	-3414.6	-2554.7	-240.7	-2491.9	-3477.4
-4.32	1109	-788.0	-1860.0	-81.4	-781.8	-1866.1
-86.25	1107	-5964.5	-3527.5	-160.5	-3517.0	-5975.0
-81.01	1415	-6381.0	-3655.1	-442.2	-3585.2	-6450.9
-24.05	1417	-525.1	-1176.3	-363.0	-363.1	-1338.4

```

-----
          NODE      Vxx      Vyy
          Cent      5.7      -0.5
          1109      5.4      -1.0
          1107      5.4       0.1
          1415      6.0       0.1
          1417      6.0      -1.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.66	cedime~1	Cent	35.8	63.3	236.6	286.6	-187.5
43.82		1109	26.7	7.2	236.6	253.8	-219.9
50.54		1107	26.7	119.4	236.6	314.2	-168.1
49.47		1415	44.9	119.4	236.6	321.7	-157.4
42.72		1417	44.9	7.2	236.6	263.4	-211.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-38.06	Cent	-7689.2	-8507.7	-1655.9	-6392.8	-9804.2
	1109	-2048.1	-6844.9	-1313.5	-1712.0	-7181.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-14.35			1107	-13681.3	-11393.4	-1249.9	-10843.0	-14231.7
-66.23			1415	-12769.7	-10247.5	-1950.0	-9186.3	-13830.8
-61.45			1417	-2257.7	-5545.1	-2013.6	-1302.1	-6500.7
-25.39								

NODE	Vxx	Vyy
Cent	11.3	-1.8
1109	11.9	-2.1
1107	11.9	-1.5
1415	10.6	-1.5
1417	10.6	-2.1


ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.06	perm	Cent	-656.6	-652.4	1003.8	349.4	-1658.3
51.18		1109	-885.4	-445.7	1003.8	362.1	-1693.2
45.38		1107	-885.4	-859.1	1003.8	131.7	-1876.2
38.94		1415	-427.8	-859.1	1003.8	383.3	-1670.2
44.74		1417	-427.8	-445.7	1003.8	567.2	-1440.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
24.07	Cent	-3495.6	-8828.8	2977.0	-2165.6	-10158.8
20.31	1109	2314.0	-8798.7	4764.1	4076.8	-10561.4
10.19	1107	-6815.2	-18346.2	2140.8	-6430.6	-18730.8
64.66	1415	-4051.3	-959.1	1887.4	-65.4	-4945.1
39.42	1417	-5429.9	-7211.2	4510.7	-1722.8	-10918.3

NODE	Vxx	Vyy
Cent	3.9	-15.9
1109	8.0	-5.0
1107	8.0	-26.8
1415	-0.1	-26.8
1417	-0.1	-5.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.30	INV TO~1 Max	Cent	-596.9	-531.0	3178.4	2614.6	-2893.3
46.95		1109	-842.7	-409.4	3178.4	2559.7	-2945.4
45.87		1107	-842.7	-649.8	3178.4	2433.6	-3559.1
43.65		1415	-350.3	-649.8	3178.4	2681.9	-3232.4
		1417	-350.3	-409.4	3178.4	2798.7	-2236.8

PROJECT TITLE :

	Company		Client	
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44.73								
	Min	Cent	-1728.0	-2077.7	974.8	-912.5	-3742.5	
39.92								
			1109	-2339.7	-1376.2	974.8	-770.6	-3811.8
58.15								
			1107	-2339.7	-2779.8	974.8	-1560.4	-3926.1
38.64								
			1415	-1132.5	-2779.8	974.8	-680.0	-3681.9
24.90								
			1417	-1132.5	-1376.2	974.8	-272.0	-3558.4
41.44								

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	4915.1	-7883.1	9762.0	10188.5	-13156.4
28.38							
			1109	6922.3	-7564.8	14409.5	-16449.0
31.66							
			1107	8116.0	-15542.3	6525.0	-17222.6
14.44							
			1415	9303.3	7620.7	6920.0	15433.0
41.53							
			1417	-1800.0	-6547.1	14388.2	10409.1
40.32							
	Min	Cent	-28503.3	-36989.0	-389.8	-28485.5	-37006.9
-2.62							
			1109	-2111.7	-34102.7	1904.3	-1998.7
3.39							
			1107	-52778.8	-69818.8	-234.2	-52775.6
-0.79							
			1415	-40118.9	-21558.6	-1895.8	-21367.0
-84.23							
			1417	-25756.6	-28184.8	527.4	-25647.1
11.74							

		NODE	Vxx	Vyy

	Max	Cent	35.1	-14.9
		1109	51.6	-1.0
		1107	51.6	-24.7
		1415	23.7	-24.7
		1417	23.7	-1.0
	Min	Cent	-7.4	-51.5
		1109	-4.2	-18.9
		1107	-4.2	-93.2
		1415	-11.3	-93.2
		1417	-11.3	-18.9

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

		INV TO~2	Max	Cent	-596.9	-531.0	5330.1	2614.6
45.30								
				1109	-842.7	-409.4	5330.1	2559.7
46.95								
				1107	-842.7	-649.8	5330.1	2433.6
45.87								
				1415	-350.3	-649.8	5330.1	2681.9
43.65								
				1417	-350.3	-409.4	5330.1	3165.0
43.47								
			Min	Cent	-3025.7	-3691.6	974.8	-912.5
39.92								
				1109	-4163.4	-2457.4	974.8	-770.6
58.15								

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

38.64	1107	-4163.4	-4925.9	974.8	-1560.4	-9888.4
24.90	1415	-1888.1	-4925.9	974.8	-680.0	-8949.3
41.44	1417	-1888.1	-2457.4	974.8	-272.0	-7510.4

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

28.38	Max	Cent	4915.1	-7883.1	11511.9	10188.5	-13156.4
21.07			1109	10525.8	-7564.8	22082.5	-16449.0
14.44			1107	8116.0	-15542.3	8236.9	-17222.6
41.53			1415	9303.3	7620.7	6920.0	15433.0
40.32			1417	-1800.0	-6547.1	19704.5	10409.1
-2.62	Min	Cent	-32410.2	-46089.4	-389.8	-28485.5	-52640.3
3.39			1109	-2111.7	-38295.3	1904.3	-1998.7
10.06			1107	-63010.7	-107992.5	-234.2	-61549.8
-84.23			1415	-40118.9	-21558.6	-1895.8	-21367.0
11.74			1417	-39289.2	-38482.8	527.4	-25647.1

		NODE	Vxx	Vyy
Max	Cent		36.6	-14.9
		1109	66.2	-1.0
		1107	66.2	-24.7
		1415	23.7	-24.7
		1417	23.7	-1.0
Min	Cent		-7.4	-90.2
		1109	-4.2	-18.9
		1107	-4.2	-164.8
		1415	-11.3	-164.8
		1417	-11.3	-18.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
1315	1	2	c mob-a	Max	Cent	18.4	15.7	1616.2	1633.2
44.98						1111	14.4	11.1	1616.2
44.97						1109	14.4	22.1	1616.2
45.07						1417	22.7	22.1	1616.2
44.99						1419	22.7	11.1	1616.2
44.90				Min	Cent	-570.4	-387.6	-22.8	-384.8
-83.00						1111	-763.1	-162.2	-22.8
-87.83						1109	-763.1	-651.6	-22.8
-78.88						1417	-379.3	-651.6	-22.8
-4.75						1419	-379.3	-162.2	-22.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.07

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1675.0	817.7	9323.6	10579.8	-8087.1
43.68		1111	3410.6	3973.8	10692.3	14388.2	-7003.8
45.75		1109	1398.4	774.7	10010.8	11102.1	-8929.1
44.11		1417	2537.9	494.1	8899.7	10474.1	-7442.1
41.72		1419	4727.4	2963.1	8889.8	12778.7	-5088.2
42.17	Min	Cent	-4249.6	-9374.4	-911.9	-4092.2	-9531.8
-9.80		1111	-808.1	-10512.6	-803.6	-742.0	-10578.7
-4.70		1109	-10127.9	-15374.3	-1056.1	-9923.3	-15578.9
-10.96		1417	-10409.0	-11125.9	-1173.4	-9540.5	-11994.3
-36.51		1419	-2481.8	-4107.5	-742.7	-2193.6	-4395.7
-21.21							

		NODE	Vxx	Vyy
Max	Cent		10.8	2.0
		1111	11.9	2.4
		1109	11.9	2.9
		1417	11.0	2.9
		1419	11.0	2.4
Min	Cent		-2.4	-9.2
		1111	-1.5	-11.2
		1109	-1.5	-8.7
		1417	-3.3	-8.7
		1419	-3.3	-11.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	17.0	9.4	1562.1	1575.4	-1548.9
44.93			1111	12.4	8.4	1562.1	1572.5	-1551.8
44.96			1109	12.4	12.1	1562.1	1574.4	-1549.9
45.00			1417	21.8	12.1	1562.1	1579.1	-1545.2
44.91			1419	21.8	8.4	1562.1	1577.2	-1547.1
44.88		Min	Cent	-562.4	-348.0	-9.6	-347.6	-562.8
-87.45			1111	-748.9	-130.9	-9.6	-130.8	-749.0
-89.11			1109	-748.9	-606.7	-9.6	-606.0	-749.5
-86.16			1417	-385.6	-606.7	-9.6	-385.2	-607.1
-2.48			1419	-385.6	-130.9	-9.6	-130.6	-386.0
-87.85								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
43.44          Max   Cent   1374.6   429.2   8659.6   9574.4   -7770.6
44.53          1111   3183.9   2854.0   10104.1  13124.3  -7086.5
42.68          1109   2036.4   552.7   9126.6   10451.2  -7862.1
39.44          1417   3362.6   465.4   7376.6   9431.5   -5603.6
45.88          1419   1793.7   2302.9   8326.9   10379.2  -6282.5
-7.72          Min   Cent   -4012.7  -8883.4  -672.4   -3921.5  -8974.5
-5.40          1111   -809.1   -8356.0  -720.4   -740.9   -8424.2
-7.54          1109   -9470.8  -14948.5 -738.0   -9373.1  -15046.1
-26.95         1417   -9706.6  -10911.5 -825.9   -9286.7  -11331.4
-15.08         1419   -1721.4  -4005.3  -663.8   -1542.5  -4184.2
    
```

```

          NODE      Vxx      Vyy
-----
Max   Cent      9.8      1.7
      1111     11.0      1.8
      1109     11.0      2.5
      1417      8.6      2.5
      1419      8.6      1.8
Min   Cent     -2.8     -7.7
      1111     -1.8     -8.4
      1109     -1.8     -7.8
      1417     -3.8     -7.8
      1419     -3.8     -8.4
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
pp      Cent     -1653.2  -963.7   4428.1   3133.1   -5750.0
47.23      1111     -2208.6  -224.8   4428.1   3321.2   -5754.6
51.31      1109     -2208.6  -1702.7  4428.1   2479.7   -6391.0
46.63      1417     -1097.8  -1702.7  4428.1   3038.2   -5838.7
43.05      1419     -1097.8  -224.8   4428.1   3788.3   -5110.9
47.81
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
Cent     -8965.6  -18773.5  24623.7   11237.7  -38976.8
39.37      1111      7889.3  -11485.8  28669.5   28463.7  -32060.2
35.66      1109    -23382.7  -34602.8  25992.2   -2402.0  -55583.5
38.91      1417    -21546.5  -26994.4  20977.8   -3116.6  -45424.4
41.30      1419      1177.7  -2011.0   23655.0   23292.0  -24125.4
43.07
    
```

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          NODE      Vxx      Vyy
-----
Cent      22.8     -14.4
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

1111      27.4      -17.2
1109      27.4      -11.5
1417      18.2      -11.5
1419      18.2      -17.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
30.28	vento -y	Cent	48.1	9.6	34.0	68.0	-10.2
26.78		1111	55.0	4.7	34.0	72.2	-12.4
29.64		1109	55.0	14.5	34.0	74.4	-4.8
34.32		1417	41.2	14.5	34.0	64.4	-8.7
30.93		1419	41.2	4.7	34.0	61.6	-15.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-22.02	Cent	-341.6	-900.6	-270.3	-232.3	-1010.0
-11.73	1111	87.6	-850.9	-203.7	129.9	-893.2
-5.89	1109	-1157.7	-1933.9	-81.0	-1149.3	-1942.3
-38.43	1417	-1117.7	-1294.8	-379.2	-816.9	-1595.6
-35.54	1419	821.2	477.2	-501.9	1179.8	118.6

```

NODE      Vxx      Vyy
Cent      1.3      -1.4
1111      1.1      -1.9
1109      1.1      -1.0
1417      1.6      -1.0
1419      1.6      -1.9
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.52	cedime~1	Cent	56.0	13.1	247.2	282.7	-213.6
42.76		1111	53.8	15.0	247.2	282.3	-213.5
42.54		1109	53.8	11.2	247.2	280.6	-215.6
42.28		1417	58.2	11.2	247.2	283.0	-213.6
42.50		1419	58.2	15.0	247.2	284.8	-211.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-22.35	Cent	-1863.3	-4411.0	-1260.4	-1345.2	-4929.1
-13.38	1111	-320.1	-3134.7	-709.7	-151.2	-3303.6
	1109	-3381.6	-7111.6	-909.8	-3171.5	-7321.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-13.00							
		1417	-3647.3	-5823.0	-1837.9	-2599.4	-6870.9
-29.69							
		1419	-104.3	-1574.6	-1637.9	955.8	-2634.7
-32.91							

NODE	Vxx	Vyy
Cent	2.6	-2.3
1111	2.3	-2.4
1109	2.3	-2.1
1417	2.8	-2.1
1419	2.8	-2.4


ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-473.8	-228.2	1121.8	777.5	-1479.5
48.12		1111	-623.2	-47.4	1121.8	822.9	-1493.5
52.20		1109	-623.2	-409.1	1121.8	610.7	-1643.1
47.73		1417	-324.3	-409.1	1121.8	755.9	-1489.3
43.92		1419	-324.3	-47.4	1121.8	944.5	-1316.2
48.52							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-1565.6	-6002.4	6636.0	3213.1	-10781.0
35.76	1111	1878.1	-5172.1	7557.3	6692.0	-9986.1
32.50	1109	-4702.3	-10201.9	6924.0	-2.1	-14902.1
34.17	1417	-3669.6	-6859.1	5846.3	795.6	-11324.3
37.37	1419	231.5	-1776.2	6479.7	5784.6	-7329.3
40.60						

NODE	Vxx	Vyy
Cent	4.4	-5.5
1111	5.7	-5.9
1109	5.7	-5.0
1417	3.0	-5.0
1419	3.0	-5.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	-393.0	-193.9	3550.8	3258.8	-2116.1
45.80		1111	-550.0	-17.3	3550.8	3277.2	-2252.7
47.15		1109	-550.0	-368.0	3550.8	3093.0	-2577.3
45.73		1417	-235.4	-368.0	3550.8	3249.7	-2180.2
44.47		1419	-235.4	-17.3	3550.8	3426.1	-1684.3
45.88	Min	Cent	-1243.9	-751.5	1091.0	120.7	-3845.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

51.36			1111	-1653.5	-266.3	1091.0	332.9	-3844.5
61.22			1109	-1653.5	-1288.8	1091.0	-365.0	-4011.0
49.74			1417	-844.9	-1288.8	1091.0	46.5	-3853.2
39.25			1419	-844.9	-266.3	1091.0	573.1	-3678.9
52.43								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	695.7	-4898.5	19222.9	17324.0	-20819.0
40.86			1111	6482.4	192.4	21991.9	25553.1	-18878.2
40.93			1109	-1953.2	-9156.1	20438.5	15198.8	-26308.0
40.00			1417	869.9	-6192.1	17860.9	15545.5	-20867.6
39.41			1419	6613.4	2224.0	18480.9	23029.4	-10832.9
41.61		Min	Cent	-9165.9	-23068.7	4144.5	-8024.1	-24210.5
15.40			1111	465.8	-22498.9	5762.7	1830.7	-23863.8
13.33			1109	-21756.6	-38068.8	4588.5	-20554.5	-39270.9
14.68			1417	-21369.0	-27702.1	2424.3	-20547.5	-28523.5
18.72			1419	-3223.2	-8896.0	3839.1	-1286.4	-14192.0
26.77								

			NODE	Vxx	Vyy
	Max	Cent	1111	21.5	-2.7
			1111	24.2	-2.7
			1109	24.2	-1.0
			1417	20.6	-1.0
			1419	20.6	-2.7
	Min	Cent	1111	0.6	-20.1
			1111	3.2	-23.5
			1109	3.2	-18.9
			1417	-2.2	-18.9
			1419	-2.2	-23.5

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

		INV TO~2	Max	Cent	-393.0	-193.9	5978.0	4229.7	-2116.1
47.23				1111	-550.0	-17.3	5978.0	4483.6	-2252.7
51.31				1109	-550.0	-368.0	5978.0	3347.7	-2577.3
46.63				1417	-235.4	-368.0	5978.0	4101.6	-2180.2
43.05				1419	-235.4	-17.3	5978.0	5114.2	-1684.3
47.81			Min	Cent	-2231.8	-1301.0	1091.0	120.7	-7762.5
51.36				1111	-2981.6	-303.5	1091.0	332.9	-7768.7
61.22				1109	-2981.6	-2298.6	1091.0	-365.0	-8627.8
49.74									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

39.25	1417	-1482.0	-2298.6	1091.0	46.5	-7882.2
52.43	1419	-1482.0	-303.5	1091.0	573.1	-6899.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	695.7	-4898.5	33241.9	17324.0	-20819.0
40.86		1111	10650.5	192.4	38703.8	38426.0	-18878.2
35.66		1109	-1953.2	-9156.1	35089.5	15198.8	-26308.0
40.00		1417	869.9	-6192.1	28320.0	15545.5	-20867.6
39.41		1419	6613.4	2224.0	31934.3	31444.2	-10832.9
43.07	Min	Cent	-12103.5	-25344.2	4144.5	-8024.1	-52618.7
15.40		1111	465.8	-22498.9	5762.7	1830.7	-43281.3
13.33		1109	-31566.6	-46713.8	4588.5	-20554.5	-75037.7
14.68		1417	-29087.8	-36442.5	2424.3	-20547.5	-61322.9
18.72		1419	-3223.2	-8896.0	3839.1	-1286.4	-32569.3
26.77							

	NODE	Vxx	Vyy
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Max	Cent	30.8	-2.7
	1111	37.0	-2.7
	1109	37.0	-1.0
	1417	24.6	-1.0
	1419	24.6	-2.7
Min	Cent	0.6	-20.1
	1111	3.2	-23.5
	1109	3.2	-18.9
	1417	-2.2	-18.9
	1419	-2.2	-23.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
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1537	2	12	c mob-a	Max	Cent	16.9	19.3	7.6	25.8	10.4
49.62					1708	17.2	24.2	7.7	29.2	12.2
57.18					1712	17.3	15.9	7.5	24.1	9.1
42.46					1709	41.5	16.1	7.5	43.5	14.0
15.23					1707	41.3	24.0	7.7	44.2	21.0
20.89				Min	Cent	-3.9	-0.8	-2.6	0.6	-5.4
-60.53					1708	-25.9	-1.8	-2.5	-1.6	-26.2
-84.23					1712	-26.2	-2.2	-2.7	-1.9	-26.5
-83.60					1709	-7.2	-2.1	-2.7	-1.0	-8.4
-66.69					1707	-7.2	-1.8	-2.5	-0.9	-8.2
-68.89										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	0.8	1.6	3.8	5.0	-2.6
48.31		1708	24.7	4.0	3.4	25.3	3.4
8.97		1712	13.2	2.1	2.4	13.7	1.5
11.88		1709	7.2	2.0	2.7	8.3	0.8
23.24		1707	5.2	4.6	3.0	7.9	1.8
41.86	Min	Cent	-0.6	-1.8	-7.7	6.5	-8.9
-42.79		1708	-12.1	-3.1	-6.8	0.6	-15.8
-61.68		1712	-24.2	-3.1	-5.8	-1.6	-25.7
-75.69		1709	-4.4	-0.4	-5.6	3.6	-8.4
-54.59		1707	-7.3	-6.5	-5.6	-1.2	-12.6
-47.16							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1708	0.1	0.0
		1712	0.1	0.0
		1709	0.0	0.0
		1707	0.0	0.0
Min	Cent		-0.0	-0.0
		1708	-0.0	-0.0
		1712	-0.0	-0.0
		1709	-0.0	-0.0
		1707	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	33.9	39.5	11.7	48.7	24.6
51.75			1708	23.4	52.4	12.1	56.8	19.1
70.11			1712	23.5	28.2	11.4	37.5	14.2
50.81			1709	97.4	28.6	11.4	99.2	26.7
9.18			1707	97.0	51.9	12.1	100.0	48.8
14.07		Min	Cent	-2.8	-1.1	-2.8	1.0	-4.9
-53.53			1708	-56.8	-1.4	-2.5	-1.3	-56.9
-87.46			1712	-57.4	-3.3	-3.3	-3.1	-57.6
-86.57			1709	-5.3	-3.0	-3.2	-0.7	-7.6
-55.04			1707	-5.3	-1.4	-2.5	-0.2	-6.5
-64.17								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1.2	3.3	3.0	5.4	-0.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

54.82							
		1708	52.3	9.2	2.6	52.4	9.1
3.47							
		1712	12.3	2.2	2.0	12.7	1.8
10.60							
		1709	16.2	3.8	2.2	16.6	3.4
9.88							
		1707	11.7	8.3	2.3	12.9	7.1
27.13							
	Min	Cent	-1.3	-3.3	-16.6	14.3	-18.9
-43.24							
		1708	-11.4	-3.4	-14.8	7.9	-22.7
-52.60							
		1712	-53.1	-7.2	-11.8	-4.3	-56.0
-76.36							
		1709	-11.5	-1.1	-12.3	7.1	-19.6
-56.54							
		1707	-17.3	-12.4	-12.9	-1.7	-27.9
-50.35							

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		1708	0.1	0.0
		1712	0.1	0.0
		1709	0.0	0.0
		1707	0.0	0.0
	Min	Cent	-0.0	-0.0
		1708	-0.0	-0.0
		1712	-0.0	-0.0
		1709	-0.0	-0.0
		1707	-0.0	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
	pp	Cent	11.9	18.2	-2.1	18.9	11.2
-73.01							
		1708	-43.0	31.2	-1.6	31.2	-43.1
-88.76							
		1712	-43.4	5.3	-2.7	5.4	-43.6
-86.85							
		1709	66.4	5.8	-2.7	66.5	5.7
-2.51							
		1707	66.1	30.6	-1.6	66.1	30.6
-2.62							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
		Cent	3.5	-3.3	-9.6	10.3	-10.1
-35.27							
		1708	44.0	-8.6	-6.2	44.8	-9.4
-6.61							
		1712	-29.8	2.8	-10.1	5.7	-32.6
-74.17							
		1709	11.8	-1.8	-8.4	15.8	-5.8
-25.45							
		1707	-12.1	-5.3	-2.6	-4.4	-13.0
-71.01							

		NODE	Vxx	Vyy
		Cent	0.0	-0.0
		1708	0.1	-0.0
		1712	0.1	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		1709	-0.0	0.0			
		1707	-0.0	-0.0			
ANGLE							

	vento -y	Cent	0.2	0.1	-0.0	0.2	0.1
-21.73		1708	-0.6	0.2	-0.0	0.2	-0.6
-87.73		1712	-0.6	-0.0	-0.0	-0.0	-0.6
-85.62		1709	0.9	-0.0	-0.0	0.9	-0.0
-2.55		1707	0.9	0.2	-0.0	0.9	0.2
-2.62							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.0	-0.1	0.2	0.2	-0.2
38.65		1708	-0.7	-0.2	0.2	-0.2	-0.7
74.34		1712	0.8	0.1	0.1	0.8	0.1
9.13		1709	-0.0	-0.0	0.1	0.1	-0.2
47.23		1707	0.0	-0.2	0.1	0.1	-0.2
28.32							
		NODE	Vxx	Vyy			

		Cent	-0.0	0.0			
		1708	-0.0	0.0			
		1712	-0.0	-0.0			
		1709	0.0	-0.0			
		1707	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	1.7	0.0	0.7	2.0	-0.2
19.33		1708	0.8	0.2	0.7	1.3	-0.2
32.94		1712	0.8	-0.2	0.7	1.2	-0.5
26.61		1709	2.6	-0.2	0.7	2.8	-0.3
12.94		1707	2.6	0.2	0.7	2.8	0.0
14.98							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.1	-0.9	-1.3	1.0	-1.8
-35.09		1708	4.2	0.4	-1.0	4.5	0.1
-13.63		1712	-3.2	-0.3	-1.1	0.0	-3.6
-71.92		1709	2.1	-1.1	-1.1	2.5	-1.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-17.29
-50.54

1707 -2.8 -2.5 -0.8 -1.9 -3.5

NODE	Vxx	Vyy
Cent	0.0	0.0
1708	0.0	0.0
1712	0.0	0.0
1709	-0.0	0.0
1707	-0.0	0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

-69.47
-89.54
-87.79
-1.48
-0.88

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
perm	Cent	7.4	8.8	-0.6	9.0	7.2
	1708	-21.3	15.9	-0.3	15.9	-21.3
	1712	-21.5	1.6	-0.9	1.7	-21.5
	1709	35.9	1.9	-0.9	35.9	1.9
	1707	35.7	15.6	-0.3	35.7	15.6

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-40.47
-16.45
-73.65
-27.52
-46.41

NODE	Mxx	Myy	Mxy	Mmax	Mmin
Cent	0.5	-1.4	-6.0	5.6	-6.6
1708	18.3	1.8	-5.3	19.9	0.2
1712	-16.4	-1.6	-4.7	-0.3	-17.8
1709	5.9	-0.4	-4.5	8.3	-2.8
1707	-5.9	-5.4	-4.3	-1.4	-9.9

NODE	Vxx	Vyy
Cent	0.0	0.0
1708	0.0	-0.0
1712	0.0	0.0
1709	-0.0	0.0
1707	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

51.40
78.10
66.57
6.61
10.89
-57.56

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
INV TO~1 Max	Cent	54.9	62.1	15.9	74.8	42.2
	1708	11.2	86.9	16.7	90.4	7.7
	1712	11.0	39.7	15.2	46.1	4.5
	1709	170.0	40.5	15.2	171.7	38.9
	1707	169.2	85.8	16.7	172.4	82.6
Min	Cent	2.1	7.3	-4.4	9.7	-0.4
	1708	-98.0	13.4	-3.6	13.5	-98.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.14			1712	-99.0	-3.0	-5.3	-2.8	-99.3
-87.23			1709	26.1	-2.3	-5.3	27.1	-3.0
-10.22			1707	26.0	13.2	-3.7	26.9	12.2
-14.84								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	2.2	3.0	-0.9	25.9	1.5
-42.29			1708	93.1	14.6	-0.8	93.1	14.5
-1.32			1712	1.4	1.3	-1.4	2.8	-0.1
-44.36			1709	29.9	4.7	-0.8	30.0	4.7
-4.18			1707	9.9	5.8	-0.2	9.9	5.8
-2.60		Min	Cent	-1.3	-6.8	-29.8	3.6	-33.9
-58.83			1708	2.0	-2.8	-26.3	25.0	-25.9
-42.30			1712	-91.4	-11.6	-21.8	-6.1	-96.9
-75.81			1709	-9.6	-2.9	-22.2	15.7	-27.5
-50.25			1707	-32.0	-24.7	-22.5	-5.6	-51.1
-49.62								

			NODE	Vxx	Vyy
	Max	Cent	1708	0.1	0.0
			1712	0.2	0.0
			1709	0.0	0.1
			1707	0.0	0.0
	Min	Cent	1708	-0.0	-0.0
			1712	0.0	-0.0
			1709	-0.1	-0.0
			1707	-0.1	-0.0

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	54.9	62.1	15.9	74.8	42.2
51.40				1708	11.2	86.9	16.7	90.4	7.7
78.10				1712	11.0	39.7	15.2	46.1	4.5
66.57				1709	170.0	40.5	15.2	171.7	38.9
6.61				1707	169.2	85.8	16.7	172.4	82.6
10.89			Min	Cent	2.1	7.3	-4.4	9.7	-0.4
-57.56				1708	-98.0	13.4	-3.6	13.5	-98.1
-88.14				1712	-99.0	-3.0	-5.3	-2.8	-99.3
-87.23				1709	26.1	-2.3	-5.3	27.1	-3.0
-10.22									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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15.43          Max  Cent      9.3      1.5      2.3      10.0      0.9
19.56          1704      7.2      0.9      2.6      8.1      0.0
5.44           1708     16.4     2.6      1.3     16.5     2.5
4.54           1707     25.1     5.5      1.6     25.2     5.3
44.41          1703      3.0      2.9      2.8      5.8      0.1
-46.83         Min  Cent     -0.9     -0.3    -4.9      4.3     -5.5
-50.40         1704     -2.6     -0.9    -4.5      2.8     -6.3
-52.51         1708     -4.6     -2.8    -3.4     -0.2     -7.3
-56.73         1707     -4.4     -1.1    -3.8      1.5     -6.9
-53.06         1703     -5.7     -2.8    -4.9      0.8     -9.3
    
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          NODE      Vxx      Vyy
Max  Cent      0.0      0.0
     1704      0.0      0.0
     1708      0.0      0.0
     1707      0.0      0.0
     1703      0.0      0.0
Min  Cent     -0.0     -0.0
     1704     -0.0     -0.0
     1708     -0.0     -0.0
     1707     -0.0     -0.0
     1703     -0.0     -0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
c mob-b Max  Cent      40.7     23.3      3.3     41.3     22.6
10.45          1704     54.0      0.3      3.3     54.2      0.1
3.53           1708     54.0     57.9      3.3     59.8     52.1
60.04          1707    104.2     57.9      3.3    104.4     57.6
4.08           1703    104.2      0.3      3.3    104.3      0.2
1.83           Min  Cent      -3.0     -0.7     -4.6      2.9     -6.7
-52.16         1704    -59.8    -12.2     -4.6    -11.8    -60.3
-84.48         1708    -59.8     -1.6     -4.6     -1.2    -60.2
-85.47         1707    -11.8     -1.6     -4.6      0.2    -13.6
-68.92         1703    -11.8    -12.2     -4.6     -7.4    -16.7
-43.84
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
Max  Cent      16.8      3.5      2.2     17.2      3.2
     1704     16.3      2.2      2.6     16.8      1.7
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

9.98			1708	26.5	2.8	1.5	26.6	2.7
3.55			1707	48.1	12.1	1.3	48.2	12.1
2.12			1703	4.7	7.3	2.5	8.8	3.2
58.70								
-44.99	Min	Cent		-0.7	-0.7	-11.6	10.9	-12.3
-47.25			1704	-2.8	-1.1	-11.0	9.1	-13.0
-51.82			1708	-10.1	-6.2	-7.9	-0.0	-16.3
-48.61			1707	-4.1	-1.8	-9.0	6.1	-12.0
-53.13			1703	-11.9	-4.8	-12.2	4.4	-21.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1704	0.0	0.0
	1708	0.0	0.0
	1707	0.0	0.0
	1703	0.0	0.0
Min	Cent	-0.0	-0.0
	1704	-0.0	-0.0
	1708	-0.0	-0.0
	1707	-0.1	-0.0
	1703	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.43	pp	Cent	12.5	13.6	2.4	15.5	10.6
85.88		1704	-41.5	-8.1	2.4	-7.9	-41.6
88.20		1708	-41.5	35.3	2.4	35.4	-41.5
4.41		1707	66.5	35.3	2.4	66.6	35.1
1.86		1703	66.5	-8.1	2.4	66.5	-8.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
48.01	Cent	41.1	50.4	43.9	89.9	1.6
58.42	1704	-62.7	-11.3	50.7	19.8	-93.9
19.47	1708	124.8	15.7	44.1	140.4	0.1
32.21	1707	31.1	7.7	24.4	46.5	-7.7
76.14	1703	71.2	189.5	31.1	197.2	63.6

	NODE	Vxx	Vyy
	Cent	-0.1	-0.2
	1704	-0.2	-0.3
	1708	-0.2	-0.0
	1707	-0.0	-0.0
	1703	-0.0	-0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.37	vento -y	Cent	0.2	0.1	0.1	0.2	0.0
61.11		1704	-0.2	-0.1	0.1	-0.0	-0.3
79.58		1708	-0.2	0.3	0.1	0.3	-0.2
18.48		1707	0.5	0.3	0.1	0.6	0.2
8.37		1703	0.5	-0.1	0.1	0.5	-0.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
16.07		Cent	0.1	-0.0	0.0	0.1	-0.0
63.23		1704	-0.1	-0.0	0.1	-0.0	-0.2
4.03		1708	0.5	0.1	0.0	0.5	0.1
2.65		1707	0.2	-0.1	0.0	0.2	-0.1
44.50		1703	-0.1	-0.1	0.1	-0.1	-0.2
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		1704	-0.0	0.0			
		1708	-0.0	0.0			
		1707	-0.0	0.0			
		1703	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-29.41	cedime~1	Cent	1.8	-0.0	-1.5	2.6	-0.9
-70.61		1704	-4.1	-0.3	-1.5	0.2	-4.6
-72.78		1708	-4.1	0.3	-1.5	0.8	-4.6
-11.08		1707	7.7	0.3	-1.5	8.0	-0.0
-10.27		1703	7.7	-0.3	-1.5	8.0	-0.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-20.13		Cent	2.3	-0.0	-1.0	2.6	-0.4
-37.10		1704	0.7	0.0	-1.2	1.7	-0.9
-4.93		1708	2.4	-0.2	-0.2	2.5	-0.2
-4.57		1707	5.9	0.1	-0.5	5.9	0.0
		1703	0.1	0.0	-1.5	1.6	-1.4

PROJECT TITLE :

	Company		Client	
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-44.21

NODE	Vxx	Vyy
Cent	-0.0	0.0
1704	-0.0	-0.0
1708	-0.0	0.0
1707	-0.0	0.0
1703	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.20	perm	Cent	7.4	7.0	0.5	7.7	6.7
88.46		1704	-21.5	-3.9	0.5	-3.9	-21.5
89.31		1708	-21.5	17.9	0.5	17.9	-21.5
1.47		1707	36.3	17.9	0.5	36.3	17.9
0.67		1703	36.3	-3.9	0.5	36.3	-3.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-20.47	Cent	7.3	0.1	-3.2	8.5	-1.1
-30.39	1704	3.2	0.0	-2.9	4.9	-1.6
-9.36	1708	9.7	-0.8	-1.8	10.0	-1.1
-7.44	1707	20.6	2.5	-2.4	20.9	2.2
-55.78	1703	-4.2	-1.5	-3.5	0.9	-6.6

NODE	Vxx	Vyy
Cent	-0.0	-0.0
1704	-0.0	-0.0
1708	-0.0	-0.0
1707	-0.0	-0.0
1703	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.51	INV TO~1 Max	Cent	64.1	38.4	5.0	64.6	37.9
5.13		1704	51.5	-3.3	5.0	51.9	-3.7
83.73		1708	51.5	96.4	5.0	96.6	50.9
2.23		1707	184.7	96.4	5.0	184.8	96.2
1.05		1703	184.7	-3.3	5.0	184.7	-3.4
-53.36	Min	Cent	2.4	5.8	-7.3	10.2	-2.4
-85.15		1704	-106.3	-20.8	-7.3	-20.2	-107.0
		1708	-106.3	15.2	-7.3	15.5	-106.8

PROJECT TITLE :

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-87.18			1707	20.3	15.2	-7.3	24.1	11.4
-33.06			1703	20.3	-20.8	-7.3	21.1	-21.8
-7.95								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	32.3	4.8	-0.0	32.4	4.8
-2.04		1704	26.0	3.0	0.6	26.0	3.0
-1.61		1708	47.9	2.9	0.2	47.9	2.9
-0.02		1707	91.4	18.9	-0.3	91.4	18.9
-0.59		1703	2.2	8.4	0.3	8.6	2.1
-79.60	Min	Cent	6.1	-0.9	-19.7	21.7	-16.5
-39.71		1704	-0.6	-1.4	-19.0	16.8	-19.7
-44.31		1708	-3.9	-9.4	-12.7	6.2	-19.3
-38.93		1707	14.7	0.0	-15.0	23.7	-9.0
-31.70		1703	-20.3	-7.9	-21.5	6.9	-36.3
-53.60							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1704	0.0	0.0
		1708	0.0	0.0
		1707	-0.0	0.0
		1703	-0.0	0.0
	Min	Cent	-0.1	-0.0
		1704	-0.0	-0.0
		1708	-0.0	-0.0
		1707	-0.1	-0.0
		1703	-0.1	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	64.1	38.4	5.0	64.6	37.9
7.51			1704	51.5	-3.3	5.0	51.9	-3.7
5.13			1708	51.5	96.4	5.0	96.6	50.9
83.73			1707	184.7	96.4	5.0	184.8	96.2
2.23			1703	184.7	-3.3	5.0	184.7	-3.4
1.05		Min	Cent	2.4	5.8	-7.3	10.2	-2.4
-53.36			1704	-106.3	-20.8	-7.3	-20.2	-107.0
-85.15			1708	-106.3	15.2	-7.3	15.5	-106.8
-87.18			1707	20.3	15.2	-7.3	24.1	11.4
-33.06			1703	20.3	-20.8	-7.3	21.1	-21.8
-7.95								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	55.5	68.0	59.3	121.3	4.8
48.01		1704	26.0	3.0	68.5	26.8	3.0
58.42		1708	168.5	21.1	59.6	189.6	2.9
19.47		1707	91.4	18.9	33.0	91.4	18.9
-0.59		1703	96.2	255.9	41.9	266.2	85.8
76.14	Min	Cent	6.1	-0.9	-19.7	21.7	-16.5
-39.71		1704	-84.6	-15.3	-19.0	16.8	-126.8
-44.31		1708	-3.9	-9.4	-12.7	6.2	-19.3
-38.93		1707	14.7	0.0	-15.0	23.7	-10.4
-31.70		1703	-20.3	-7.9	-21.5	6.9	-36.3
-53.60							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	1704		0.0	0.0
	1708		0.0	0.0
	1707		-0.0	0.0
	1703		-0.0	0.0
Min	Cent		-0.1	-0.3
	1704		-0.3	-0.5
	1708		-0.3	-0.1
	1707		-0.1	-0.1
	1703		-0.1	-0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1577	2	12	c mob-a	Max	Cent	11.0	12.9	2.5	14.6	9.3
55.65					1471	0.4	8.7	2.5	9.4	-0.2
74.59					1473	0.4	17.4	2.5	17.8	0.1
81.92					1472	54.7	17.4	2.5	54.9	17.3
3.76					1470	54.7	8.7	2.5	54.9	8.6
3.06				Min	Cent	-1.0	-0.3	-0.2	-0.2	-1.0
-73.97					1471	-33.8	-0.3	-0.2	-0.3	-33.8
-89.64					1473	-33.8	-0.4	-0.2	-0.4	-33.8
-89.64					1472	-0.3	-0.4	-0.2	-0.1	-0.6
-34.48					1470	-0.3	-0.3	-0.2	-0.1	-0.5
-40.12										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Company		Client	
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	Max	Cent	1.6	0.2	3.8	4.8	-3.0
39.59		1471	13.0	2.1	3.5	14.1	1.0
16.39		1473	14.7	1.0	3.6	15.6	0.1
13.98		1472	1.7	0.5	2.6	3.7	-1.6
38.43		1470	1.6	0.9	2.5	3.7	-1.3
40.98	Min	Cent	-0.0	-1.4	-2.9	2.3	-3.7
-38.34		1471	-12.0	-0.6	-1.8	-0.3	-12.3
-81.07		1473	-10.6	-4.2	-2.5	-3.4	-11.5
-71.31		1472	-0.3	-4.7	-2.6	0.9	-5.9
-24.90		1470	-0.5	-0.4	-2.0	1.5	-2.4
-46.27							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1471	0.0	0.0
	1473	0.0	0.0
	1472	0.0	0.0
	1470	0.0	0.0
Min	Cent	-0.0	-0.0
	1471	-0.0	-0.0
	1473	-0.0	-0.0
	1472	-0.0	-0.0
	1470	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
62.12	c mob-b	Max	Cent	10.9	15.1	3.1	16.7	9.3
75.47			1471	0.6	11.6	3.1	12.4	-0.2
80.68			1473	0.6	18.8	3.1	19.3	0.1
4.76			1472	55.4	18.8	3.1	55.7	18.5
3.99			1470	55.4	11.6	3.1	55.6	11.4
-79.61		Min	Cent	-1.9	-0.3	-0.3	-0.3	-2.0
-89.49			1471	-34.2	-0.3	-0.3	-0.3	-34.2
-89.49			1473	-34.2	-0.4	-0.3	-0.4	-34.2
-42.00			1472	-0.3	-0.4	-0.3	-0.1	-0.7
-45.99			1470	-0.3	-0.3	-0.3	-0.0	-0.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
41.18	Max	Cent	1.6	0.4	4.6	5.7	-3.7
20.70		1471	11.3	1.9	4.1	12.8	0.3
		1473	17.8	1.5	4.4	18.9	0.4

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14.08							
		1472	2.4	1.0	3.2	5.0	-1.7
38.88							
		1470	1.7	1.0	3.0	4.4	-1.7
41.74							
	Min	Cent	-0.0	-1.4	-2.6	2.0	-3.4
-37.66							
		1471	-15.1	-0.8	-1.6	-0.6	-15.3
-83.63							
		1473	-9.1	-3.8	-2.2	-3.0	-9.8
-70.19							
		1472	-0.3	-4.7	-2.3	0.7	-5.7
-23.10							
		1470	-1.0	-0.5	-1.7	1.0	-2.5
-49.61							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1471	0.0	0.0
		1473	0.0	0.0
		1472	0.0	0.0
		1470	0.0	0.0
	Min	Cent	-0.0	-0.0
		1471	-0.0	-0.0
		1473	-0.0	-0.0
		1472	-0.0	-0.0
		1470	-0.0	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	32.7	36.9	6.9	42.0	27.6
53.51							
		1471	-105.0	22.4	6.9	22.8	-105.3
86.91							
		1473	-105.0	51.5	6.9	51.8	-105.3
87.48							
		1472	170.4	51.5	6.9	170.8	51.1
3.30							
		1470	170.4	22.4	6.9	170.7	22.1
2.66							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	5.2	-4.3	3.4	6.3	-5.4
17.74							
		1471	0.3	1.9	5.0	6.2	-3.9
49.49							
		1473	13.6	-4.6	3.8	14.3	-5.3
11.26							
		1472	2.1	-16.8	0.9	2.2	-16.8
2.83							
		1470	5.0	2.2	2.2	6.1	1.0
28.74							
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		1471	-0.0	0.0			
		1473	-0.0	0.0			
		1472	-0.0	0.0			
		1470	-0.0	0.0			

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	0.3	0.4	0.1	0.4	0.2
64.14		1471	-1.0	0.2	0.1	0.2	-1.0
86.08		1473	-1.0	0.6	0.1	0.6	-1.0
87.18		1472	1.6	0.6	0.1	1.6	0.6
4.99		1470	1.6	0.2	0.1	1.6	0.2
3.34							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.1	-0.1	0.0	0.1	-0.1
2.32		1471	0.3	0.1	0.0	0.3	0.1
9.67		1473	-0.1	-0.2	0.0	-0.1	-0.2
7.97		1472	-0.1	-0.2	-0.0	-0.1	-0.2
-9.34		1470	0.2	0.0	0.0	0.2	0.0
1.94							
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		1471	0.0	0.0			
		1473	0.0	0.0			
		1472	0.0	0.0			
		1470	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	2.4	-35.3	-6.1	3.3	-36.2
-8.94		1471	30.3	-29.3	-6.1	31.0	-29.9
-5.76		1473	30.3	-41.2	-6.1	30.9	-41.7
-4.82		1472	-25.6	-41.2	-6.1	-23.5	-43.3
-18.93		1470	-25.6	-29.3	-6.1	-21.1	-33.8
-36.47							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-3.2	-0.2	10.0	8.4	-11.8
49.33		1471	-43.3	-6.6	6.4	-5.5	-44.3
80.37		1473	35.8	13.2	8.7	38.8	10.3
18.69		1472	-4.8	-1.6	8.8	5.7	-12.2
50.21		1470	-0.7	-5.8	6.5	3.7	-10.3
34.42							

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NODE	Vxx	Vyy
Cent	-0.0	0.0
1471	-0.1	0.0
1473	-0.1	0.0
1472	0.0	0.0
1470	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.91	perm	Cent	11.6	16.4	3.1	17.9	10.1
86.56		1471	-41.0	10.0	3.1	10.2	-41.2
87.24		1473	-41.0	22.8	3.1	23.0	-41.1
4.23		1472	64.3	22.8	3.1	64.5	22.6
3.24		1470	64.3	10.0	3.1	64.4	9.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.59	Cent	2.0	-1.6	3.2	3.9	-3.5
70.05	1471	-7.5	0.7	3.4	2.0	-8.7
12.20	1473	12.4	-1.9	3.2	13.1	-2.6
14.84	1472	1.1	-5.4	1.8	1.5	-5.9
33.34	1470	2.0	0.2	2.1	3.4	-1.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
1471	-0.0	0.0
1473	-0.0	0.0
1472	-0.0	0.0
1470	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
62.75	INV TO~1	Max Cent	28.9	36.8	7.2	40.5	22.8
83.82		1471	-9.9	25.7	7.2	26.5	-10.1
85.35		1473	-9.9	48.1	7.2	48.7	-10.0
4.52		1472	139.0	48.1	7.2	139.6	47.6
3.63		1470	139.0	25.7	7.2	139.5	25.2
-6.25	Min	Cent	9.0	-19.3	-3.4	11.8	-19.6
-84.82		1471	-87.2	-19.7	-3.4	-19.4	-87.3
-84.92		1473	-87.2	-19.0	-3.4	-18.7	-87.3
		1472	38.2	-19.0	-3.4	38.4	-19.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.39			1470	38.2	-19.7	-3.4	38.4	-19.9
-3.35								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	4.2	-1.1	19.5	19.3	-3.5
43.35			1471	10.1	3.6	15.4	16.5	-2.8
35.06			1473	72.2	13.3	17.8	77.1	8.3
15.56			1472	4.3	-4.1	15.0	12.1	-7.5
40.14			1470	4.3	1.6	12.7	12.9	-0.6
36.48		Min	Cent	-1.3	-3.7	-0.7	2.0	-19.7
-6.87			1471	-71.1	-7.0	1.0	-6.1	-71.9
83.53			1473	-2.0	-7.6	-0.1	-2.0	-7.6
-0.83			1472	-4.2	-13.4	-1.6	-0.3	-18.4
28.66			1470	-0.1	-6.2	-0.6	0.9	-13.6
-24.18								

			NODE	Vxx	Vyy

	Max	Cent	1471	0.0	0.0
			1473	0.0	0.0
			1472	0.0	0.0
			1470	0.0	0.0
	Min	Cent	1471	-0.1	0.0
			1473	-0.1	-0.0
			1472	-0.0	-0.0
			1470	-0.0	-0.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

		INV TO~2	Max	Cent	44.2	49.9	9.3	56.7	37.3
53.51				1471	-9.9	30.2	9.3	30.7	-10.1
86.91				1473	-9.9	69.5	9.3	69.9	-10.0
87.48				1472	230.0	69.5	9.3	230.6	68.9
3.30				1470	230.0	30.2	9.3	230.5	29.8
2.66			Min	Cent	9.0	-19.3	-3.4	11.8	-19.6
-6.25				1471	-141.7	-19.7	-3.4	-19.4	-142.2
-84.82				1473	-141.7	-19.0	-3.4	-18.7	-142.1
-84.92				1472	38.2	-19.0	-3.4	38.4	-19.2
-3.39				1470	38.2	-19.7	-3.4	38.4	-19.9
-3.35									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		Max	Cent	7.1	-1.1	19.5	19.3	-3.5
43.35			1471	10.1	3.6	15.4	16.5	-2.8
35.06			1473	72.2	13.3	17.8	77.1	8.3
15.56			1472	4.3	-4.1	15.0	12.1	-7.5
40.14			1470	6.7	3.0	12.7	12.9	1.4
36.48		Min	Cent	-1.3	-5.8	-0.7	2.0	-19.7
-6.87			1471	-71.1	-7.0	1.0	-6.1	-71.9
83.53			1473	-2.0	-7.6	-0.1	-2.0	-7.6
-0.83			1472	-4.2	-22.6	-1.6	-0.3	-22.7
28.66			1470	-0.1	-6.2	-0.6	0.9	-13.6
-24.18								

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1471	0.0	0.0
		1473	0.0	0.0
		1472	0.0	0.0
		1470	0.0	0.0
Min	Cent		-0.1	0.0
		1471	-0.1	-0.0
		1473	-0.1	-0.0
		1472	-0.0	-0.0
		1470	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
1578	2	12	c mob-a	Max	Cent	17.4	11.5	0.5	17.4	11.5	
4.49						1473	3.0	19.2	0.5	19.2	3.0
88.36						1475	3.0	5.3	0.5	5.4	2.9
79.19						1474	46.0	5.3	0.5	46.0	5.3
0.65						1472	46.0	19.2	0.5	46.1	19.2
0.99				Min	Cent	-2.3	-0.5	-7.8	6.5	-9.3	
-48.23						1473	-16.7	-0.3	-7.8	2.8	-19.9
-68.11						1475	-16.7	-1.0	-7.8	2.3	-20.0
-67.54						1474	-0.5	-1.0	-7.8	7.1	-8.6
-44.12						1472	-0.5	-0.3	-7.8	7.4	-8.3
-45.28											

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.04		Max	Cent	0.3	0.3	1.4	1.7	-1.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.68		1473	39.8	8.7	0.9	39.8	8.6
39.10		1475	0.5	0.2	0.7	1.1	-0.4
46.51		1474	0.3	0.4	1.2	1.6	-0.9
2.81		1472	37.1	6.3	1.5	37.2	6.2
-37.46	Min	Cent	-0.2	-2.3	-4.0	2.9	-5.4
-45.31		1473	-0.5	-0.4	-3.3	2.9	-3.8
-83.13		1475	-39.2	-11.5	-3.4	-11.1	-39.6
-83.47		1474	-37.5	-11.3	-3.0	-11.0	-37.8
-45.81		1472	-0.3	-0.1	-3.0	2.8	-3.2

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1473	0.1	0.0
	1475	0.1	0.0
	1474	0.1	0.0
	1472	0.1	0.0
Min	Cent	-0.0	-0.0
	1473	-0.0	-0.0
	1475	-0.0	-0.0
	1474	-0.0	-0.0
	1472	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
15.28	c mob-b	Max	Cent	16.9	13.8	0.9	17.1	13.6
86.69			1473	4.4	20.0	0.9	20.1	4.3
76.36			1475	4.4	7.9	0.9	8.1	4.2
1.35			1474	46.3	7.9	0.9	46.3	7.9
1.97			1472	46.3	20.0	0.9	46.3	20.0
-52.04		Min	Cent	-4.4	-0.5	-7.7	5.6	-10.4
-72.76			1473	-22.9	-0.3	-7.7	2.1	-25.3
-72.50			1475	-22.9	-0.8	-7.7	1.7	-25.3
-44.28			1474	-0.4	-0.8	-7.7	7.2	-8.3
-45.08			1472	-0.4	-0.3	-7.7	7.4	-8.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
46.37	Max	Cent	0.3	0.5	2.0	2.4	-1.6	
2.42			1473	37.2	7.9	1.2	37.2	7.8
45.66			1475	0.4	0.5	1.1	1.5	-0.6
			1474	0.2	0.8	1.8	2.3	-1.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.00			1472	37.7	6.6	2.1	37.8	6.5
3.83								
	Min	Cent		-0.2	-2.4	-3.6	2.5	-5.1
-36.38			1473	-0.4	-0.8	-3.0	2.4	-3.6
-43.28			1475	-37.9	-11.1	-3.1	-10.8	-38.3
-83.54			1474	-37.9	-11.6	-2.7	-11.3	-38.2
-84.15			1472	-0.2	-0.1	-2.7	2.5	-2.8
-45.60								

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1473	0.1	0.0
	1475	0.1	0.0
	1474	0.1	0.0
Min	1472	0.1	0.0
	Cent	-0.0	-0.0
	1473	-0.0	-0.0
	1475	-0.0	-0.0
	1474	-0.0	-0.0
	1472	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	49.8	31.1	-23.6	65.8	15.0
-34.22		1473	-40.8	56.6	-23.6	62.0	-46.2
-77.06		1475	-40.8	5.6	-23.6	15.5	-50.7
-67.24		1474	140.3	5.6	-23.6	144.3	1.6
-9.66		1472	140.3	56.6	-23.6	146.5	50.4
-14.71							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2.7	-8.4	-5.7	5.1	-10.8
-22.93	1473	128.4	29.9	-3.7	128.5	29.7
-2.14	1475	-118.2	-51.3	-8.4	-50.3	-119.2
-82.99	1474	-114.7	-29.4	-6.9	-28.9	-115.2
-85.43	1472	115.1	17.1	-2.2	115.2	17.1
-1.28						

	NODE	Vxx	Vyy
	Cent	0.2	-0.0
	1473	0.2	0.0
	1475	0.2	-0.0
	1474	0.2	-0.0
	1472	0.2	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-48.01      vento -y      Cent      0.4      0.5      -0.2      0.7      0.2
              1473      -0.5      0.7      -0.2      0.7      -0.5
-79.25              1475      -0.5      0.3      -0.2      0.3      -0.5
-74.13              1474      1.3      0.3      -0.2      1.4      0.2
-11.62              1472      1.3      0.7      -0.2      1.4      0.6
-17.72
              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-37.25      Cent      -0.0      -0.1      -0.1      0.0      -0.1
              1473      1.8      0.4      -0.1      1.8      0.4
-3.48              1475      -1.8      -0.5      -0.1      -0.5      -1.8
-86.05              1474      -1.6      -0.4      -0.1      -0.4      -1.6
-87.31              1472      1.5      0.3      -0.0      1.5      0.3
-2.25
              NODE      Vxx      Vyy
-----
              Cent      0.0      0.0
              1473      0.0      0.0
              1475      0.0      -0.0
              1474      0.0      -0.0
              1472      0.0      0.0
              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
2.69      cedime~1      Cent      6.4      -39.9      2.2      6.5      -40.0
              1473      44.7      -40.0      2.2      44.8      -40.0
1.47              1475      44.7      -39.7      2.2      44.8      -39.8
1.48              1474      -31.9      -39.7      2.2      -31.3      -40.3
14.60              1472      -31.9      -40.0      2.2      -31.4      -40.5
14.18
              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
41.53      Cent      1.1      -1.9      12.5      12.2      -13.0
              1473      -79.2      -21.3      10.7      -19.4      -81.1
79.82              1475      83.3      22.5      10.4      85.0      20.7
9.46              1474      36.1      2.1      9.1      38.4      -0.2
14.05              1472      -35.8      -10.9      9.4      -7.7      -38.9
71.49
              NODE      Vxx      Vyy
-----

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

Cent      -0.1      0.0
1473     -0.2      0.0
1475     -0.2      0.0
1474     -0.1      0.0
1472     -0.1      0.0
    
```


ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-42.41	perm	Cent	16.7	15.2	-8.4	24.4	7.6
-79.63		1473	-20.0	24.3	-8.4	25.9	-21.5
-73.62		1475	-20.0	6.1	-8.4	8.6	-22.5
-9.76		1474	53.5	6.1	-8.4	54.9	4.7
-14.97		1472	53.5	24.3	-8.4	55.7	22.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-12.92	Cent	0.0	-2.5	-0.6	0.2	-2.7
-1.50	1473	46.9	8.5	-1.0	46.9	8.5
-87.56	1475	-46.2	-13.3	-1.4	-13.2	-46.2
-89.69	1474	-46.2	-13.4	-0.2	-13.4	-46.2
0.34	1472	45.6	7.9	0.2	45.6	7.9

NODE	Vxx	Vyy
Cent	0.1	0.0
1473	0.1	0.0
1475	0.1	0.0
1474	0.1	0.0
1472	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-5.37	INV TO~1 Max	Cent	46.6	33.9	-5.0	47.1	29.2
-83.82		1473	30.7	51.3	-5.0	52.1	10.1
-5.27		1475	30.7	16.8	-5.0	31.1	-15.6
-4.11		1474	116.0	16.8	-5.0	116.5	16.3
-6.25		1472	116.0	51.3	-5.0	116.8	50.6
-19.15	Min	Cent	10.8	-25.3	-19.0	23.1	-31.1
-36.74		1473	-50.9	-16.1	-19.0	6.4	-55.4
-24.71		1475	-50.9	-34.9	-19.0	1.6	-56.8
-15.52		1474	20.9	-34.9	-19.0	25.6	-39.6
		1472	20.9	-16.1	-19.0	27.4	-22.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-21.12

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1.6	-1.9	14.5	13.7	-3.1
39.77		1473	100.6	20.2	11.4	100.6	20.2
0.47		1475	37.8	9.8	10.5	41.3	6.3
18.42		1474	-9.7	-10.1	11.3	1.4	-21.2
44.41		1472	96.5	16.8	12.4	96.6	16.7
2.18	Min	Cent	-0.2	-7.7	-6.0	1.6	-15.9
30.21		1473	-32.9	-13.9	-5.5	-12.6	-34.3
75.58		1475	-99.1	-28.9	-6.0	-28.3	-99.6
-85.18		1474	-97.4	-29.0	-4.3	-28.7	-97.6
-86.44		1472	9.5	-3.1	-3.8	11.6	-5.2
20.78							

		NODE	Vxx	Vyy
Max	Cent		0.2	0.0
		1473	0.2	0.0
		1475	0.2	0.0
		1474	0.2	0.0
		1472	0.2	0.0
Min	Cent		-0.0	-0.0
		1473	-0.1	-0.0
		1475	-0.1	-0.0
		1474	0.0	-0.0
		1472	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	67.2	42.0	-5.0	88.8	29.2
-34.22			1473	30.7	76.4	-5.0	83.7	10.1
-77.06			1475	30.7	16.8	-5.0	31.1	-15.6
-5.27			1474	189.4	16.8	-5.0	194.8	16.3
-9.66			1472	189.4	76.4	-5.0	197.8	68.0
-14.71		Min	Cent	10.8	-25.3	-31.9	23.1	-31.1
-19.15			1473	-55.1	-16.1	-31.9	6.4	-62.4
-36.74			1475	-55.1	-34.9	-31.9	1.6	-68.4
-24.71			1474	20.9	-34.9	-31.9	25.6	-39.6
-15.52			1472	20.9	-16.1	-31.9	27.4	-22.6
-21.12								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Max   Cent      3.6      -1.9      14.5      13.7      -3.1
39.77
          1473      173.3      40.3      11.4      173.5      40.2
-2.14
          1475      37.8       9.8      10.5      41.3       6.3
18.42
          1474      -9.7     -10.1     11.3       1.4     -21.2
44.41
          1472      155.4     23.1     12.4      155.5     23.1
-1.28
          Min   Cent      -0.2     -11.4     -7.7       1.6     -15.9
30.21
          1473     -32.9     -13.9     -5.5     -12.6     -34.3
75.58
          1475    -159.6    -69.3    -11.3    -67.9    -161.0
-82.99
          1474    -154.8    -39.7     -9.3    -39.0    -155.5
-85.43
          1472       9.5      -3.1     -3.8      11.6      -5.2
20.78
  
```

```

          NODE      Vxx      Vyy
-----
          Max   Cent      0.3      0.0
          1473      0.3      0.0
          1475      0.3      0.0
          1474      0.3      0.0
          1472      0.3      0.0
          Min   Cent     -0.0     -0.0
          1473     -0.1     -0.0
          1475     -0.1     -0.1
          1474       0.0     -0.1
          1472       0.0     -0.0
  
```

```

ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
1615   2    12   c mob-a   Max   Cent      102.5     0.2     8.8     103.3     -0.5
          4.91
          1547      135.0     12.9     8.8     135.7     12.2
          4.12
          1549      135.0     1.0     8.8     135.6     0.5
          3.76
          1548      107.9     1.0     8.8     108.7     0.3
          4.70
          1546      107.9     12.9     8.8     108.8     12.0
          5.27
          Min   Cent     -39.0     -5.0     -9.0     -2.7    -41.2
-76.00
          1547    -129.1     -0.6     -9.0     0.0    -129.7
-85.99
          1549    -129.1    -19.5     -9.0    -18.8    -129.8
-85.31
          1548     -0.8    -19.5     -9.0     2.9    -23.2
-21.99
          1546     -0.8     -0.6     -9.0     8.3     -9.8
-45.26
          ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Max   Cent      2.6      3.9      7.0      10.3     -3.8
          47.71
          1547       0.0      0.6      8.0      8.3     -7.7
          46.02
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.61		1549	9.3	1.7	5.9	12.6	-1.5
53.95		1548	9.5	13.4	6.0	17.7	5.1
50.77		1546	0.0	3.4	8.1	10.0	-6.6
-52.97	Min	Cent	-6.5	-1.2	-9.2	5.7	-13.4
-56.52		1547	-7.4	-0.2	-8.5	5.4	-13.1
-53.65		1549	-7.2	-1.4	-9.4	5.5	-14.1
-52.49		1548	-8.6	-3.5	-9.4	3.7	-15.8
-59.27		1546	-10.0	-0.8	-8.5	4.3	-15.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1547	0.0	0.0
	1549	0.0	0.0
	1548	0.0	0.0
	1546	0.0	0.0
Min	Cent	-0.0	-0.0
	1547	-0.0	-0.0
	1549	-0.0	-0.0
	1548	-0.0	-0.0
	1546	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4.78	c mob-b	Max	Cent	127.1	0.5	10.7	128.0	-0.4
3.83			1547	172.5	14.0	10.7	173.2	13.3
3.56			1549	172.5	1.8	10.7	173.2	1.2
4.79			1548	128.0	1.8	10.7	128.9	0.9
5.29			1546	128.0	14.0	10.7	129.0	13.0
-71.82		Min	Cent	-35.7	-5.6	-11.1	-1.9	-39.4
-85.29			1547	-135.1	-1.2	-11.1	-0.2	-136.0
-84.52			1549	-135.1	-20.3	-11.1	-19.3	-136.2
-24.18			1548	-0.6	-20.3	-11.1	4.4	-25.3
-44.24			1546	-0.6	-1.2	-11.1	10.2	-12.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
47.94	Max	Cent	2.7	4.4	7.8	11.4	-4.3
46.18		1547	0.0	0.8	8.9	9.3	-8.6
28.90		1549	10.4	2.1	6.6	14.0	-1.5
54.64		1548	10.3	15.0	6.7	19.7	5.5
		1546	0.1	4.5	9.2	11.7	-7.2

PROJECT TITLE :

	Company		Client	
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51.78								
	Min	Cent	-7.7	-1.6	-10.7	6.5	-15.8	
-52.95								
		1547	-8.4	-0.3	-10.1	6.6	-15.2	
-55.96								
		1549	-9.5	-1.6	-10.7	5.9	-16.9	
-55.11								
		1548	-10.8	-4.8	-10.8	3.4	-19.0	
-52.80								
		1546	-10.7	-0.9	-10.2	5.5	-17.1	
-57.80								

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1547	0.0	0.0
		1549	0.0	0.0
		1548	0.0	0.0
		1546	0.0	0.0
	Min	Cent	-0.0	-0.0
		1547	-0.0	-0.0
		1549	-0.0	-0.0
		1548	-0.0	-0.0
		1546	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	128.0	-4.3	0.8	128.0	-4.3
0.33							
		1547	56.1	8.8	0.8	56.1	8.8
0.92							
		1549	56.1	-17.3	0.8	56.1	-17.4
0.59							
		1548	200.0	-17.3	0.8	200.0	-17.4
0.20							
		1546	200.0	8.8	0.8	200.0	8.8
0.23							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	8.5	105.7	1.7	105.7	8.4
89.00							
		1547	-0.2	-0.3	-1.3	1.0	-1.6
-43.89							
		1549	-55.3	1.9	7.5	2.9	-56.2
82.62							
		1548	35.2	199.0	7.6	199.3	34.8
87.34							
		1546	54.2	222.2	-1.2	222.2	54.2
-89.58							

		NODE	Vxx	Vyy
		Cent	0.0	-0.4
		1547	0.0	-0.4
		1549	0.0	-0.4
		1548	0.0	-0.4
		1546	0.0	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.13	vento -y	Cent	17.4	-0.4	-0.0	17.4	-0.4
-0.15		1547	15.9	0.7	-0.0	15.9	0.7
-0.13		1549	15.9	-1.4	-0.0	15.9	-1.4
-0.11		1548	18.9	-1.4	-0.0	18.9	-1.4
-0.13		1546	18.9	0.7	-0.0	18.9	0.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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18.60		Cent	0.3	0.0	0.1	0.3	-0.0
26.63		1547	0.2	0.0	0.1	0.2	-0.1
10.73		1549	0.4	-0.0	0.1	0.4	-0.0
14.38		1548	0.4	0.1	0.1	0.4	0.1
28.25		1546	0.1	-0.0	0.1	0.2	-0.1

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	1547	-0.0	0.0
	1549	-0.0	-0.0
	1548	-0.0	-0.0
	1546	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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89.93	cedime~1	Cent	-47.8	1.0	0.1	1.0	-47.8
89.94		1547	-56.1	-2.0	0.1	-2.0	-56.1
89.95		1549	-56.1	3.9	0.1	3.9	-56.1
89.93		1548	-39.5	3.9	0.1	3.9	-39.5
89.92		1546	-39.5	-2.0	0.1	-2.0	-39.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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26.70		Cent	1.0	-0.5	1.0	1.5	-1.0
25.96		1547	1.4	0.0	0.9	1.8	-0.4
35.95		1549	0.6	-0.2	1.2	1.4	-1.1
26.39		1548	0.2	-1.6	1.1	0.7	-2.1
17.90		1546	2.0	-0.3	0.8	2.2	-0.6

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	1547	0.0	0.0

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1549 0.0 0.0
 1548 0.0 0.0
 1546 0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.18	perm	Cent	67.8	-1.2	-0.2	67.8	-1.2
-0.22		1547	58.8	2.4	-0.2	58.8	2.4
-0.19		1549	58.8	-4.8	-0.2	58.8	-4.8
-0.15		1548	76.7	-4.8	-0.2	76.7	-4.8
-0.17		1546	76.7	2.4	-0.2	76.7	2.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-84.64	Cent	-5.6	0.3	-0.6	0.4	-5.6
-83.56	1547	-5.7	0.1	-0.7	0.2	-5.7
-85.25	1549	-5.7	0.3	-0.5	0.3	-5.8
-85.78	1548	-5.5	0.7	-0.5	0.7	-5.5
-83.87	1546	-5.4	0.3	-0.6	0.3	-5.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
1547	0.0	-0.0
1549	0.0	-0.0
1548	0.0	-0.0
1546	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3.37	INV TO~1 Max	Cent	239.4	0.4	14.2	240.2	-0.7
2.99		1547	291.7	21.3	14.2	292.5	20.6
2.75		1549	291.7	1.6	14.2	292.4	0.7
3.21		1548	249.5	1.6	14.2	250.3	0.6
3.54		1546	249.5	21.3	14.2	250.4	20.4
-64.74	Min	Cent	-32.7	-8.7	-15.2	-0.6	-39.9
-85.18		1547	-179.7	-1.1	-15.2	0.1	-181.0
-80.79		1549	-179.7	-32.2	-15.2	-29.8	-181.2
-12.60		1548	36.1	-32.2	-15.2	39.5	-34.3
-19.58		1546	36.1	-1.1	-15.2	41.5	-6.5

PROJECT TITLE :

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-0.8	6.2	11.0	14.0	-8.6
53.25		1547	-4.2	1.2	12.3	11.1	-14.1
51.21		1549	8.9	3.1	9.6	15.9	-3.0
36.33		1548	8.6	20.9	9.7	25.3	4.0
62.98		1546	-3.4	6.3	12.6	14.7	-12.1
55.23	Min	Cent	-16.0	-2.3	-15.0	6.7	-25.5
-57.12		1547	-17.0	-0.2	-14.3	7.6	-25.2
-59.92		1549	-18.5	-2.1	-14.9	5.8	-27.3
-59.96		1548	-20.1	-7.4	-15.0	1.6	-29.5
-57.17		1546	-19.8	-1.3	-14.3	6.3	-27.6
-60.74							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		1547	0.0	0.0
		1549	0.0	0.0
		1548	0.0	0.0
		1546	0.0	0.0
	Min	Cent	-0.0	-0.0
		1547	-0.0	-0.0
		1549	-0.0	-0.0
		1548	-0.0	-0.0
		1546	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	239.4	0.4	14.2	240.2	-0.7
3.37			1547	291.7	21.3	14.2	292.5	20.6
2.99			1549	291.7	1.6	14.2	292.4	0.7
2.75			1548	270.0	1.6	14.2	270.0	0.6
0.20			1546	270.0	21.3	14.2	270.0	20.4
0.23		Min	Cent	-32.7	-8.7	-15.2	-0.6	-39.9
-64.74			1547	-179.7	-1.1	-15.2	0.1	-181.0
-85.18			1549	-179.7	-32.2	-15.2	-29.8	-181.2
-80.79			1548	36.1	-32.2	-15.2	39.5	-34.3
-12.60			1546	36.1	-1.1	-15.2	41.5	-6.5
-19.58								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	11.4	142.7	11.0	142.7	11.4

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89.00								
		1547	-0.3	1.2	12.3	11.1	-2.2	
51.21		1549	8.9	3.1	10.2	15.9	-3.0	
36.33		1548	47.5	268.6	10.3	269.1	47.0	
87.34		1546	73.1	300.0	12.6	300.0	73.1	
-89.58								
	Min	Cent	-16.0	-2.3	-15.0	6.7	-25.5	
-57.12		1547	-17.0	-0.5	-14.3	1.4	-25.2	
-43.89		1549	-74.6	-2.1	-14.9	3.9	-75.9	
82.62		1548	-20.1	-7.4	-15.0	1.6	-29.5	
-57.17		1546	-19.8	-1.3	-14.3	6.3	-27.6	
-60.74								

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1547	0.1	0.0
	1549	0.1	0.0
	1548	0.0	0.0
	1546	0.0	0.0
Min	Cent	-0.0	-0.5
	1547	-0.0	-0.6
	1549	-0.0	-0.5
	1548	-0.0	-0.5
	1546	-0.0	-0.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1616	2	12	c mob-a	Max	Cent	107.0	24.2	8.7	107.9	23.3
	5.96				1549	154.5	1.8	8.7	155.0	1.3
	3.26				1552	154.5	70.9	8.7	155.4	70.0
	5.90				1551	114.5	70.9	8.7	116.2	69.2
	10.92				1548	114.5	1.8	8.7	115.2	1.1
	4.41			Min	Cent	-64.9	-1.7	-9.1	-0.4	-66.1
	-81.98				1549	-187.2	-22.5	-9.1	-22.0	-187.7
	-86.85				1552	-187.2	-5.1	-9.1	-4.7	-187.6
	-87.15				1551	-0.9	-5.1	-9.1	6.3	-12.3
	-38.44				1548	-0.9	-22.5	-9.1	2.4	-25.8
	-20.04									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3.2	6.6	5.0	10.2	-0.4
	54.21				1549	14.0	2.7	5.7	16.4	0.3
	22.68				1552	17.8	6.1	3.2	18.6	5.3
	14.46									

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67.44		1551	9.8	15.7	3.0	17.0	8.5
58.66		1548	6.0	12.0	5.8	15.6	2.5
-58.60	Min	Cent	-13.8	-2.8	-10.7	3.7	-20.3
-54.76		1549	-10.3	-2.0	-11.8	6.3	-18.7
-77.96		1552	-43.2	-8.4	-7.8	-6.8	-44.8
-72.68		1551	-29.3	-8.7	-7.1	-6.5	-31.5
-51.09		1548	-7.7	-2.8	-11.5	6.5	-17.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1549	0.0	0.0
	1552	0.0	0.0
	1551	0.0	0.0
	1548	0.0	0.0
Min	Cent	-0.0	-0.0
	1549	-0.0	-0.0
	1552	-0.0	-0.0
	1551	-0.0	-0.0
	1548	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5.55	c mob-b	Max	Cent	133.8	26.0	10.6	134.8	25.0
3.09			1549	198.0	3.0	10.6	198.6	2.4
4.93			1552	198.0	76.5	10.6	198.9	75.6
9.51			1551	137.8	76.5	10.6	139.5	74.7
4.45			1548	137.8	3.0	10.6	138.6	2.1
-80.35		Min	Cent	-66.3	-2.8	-11.1	-0.9	-68.2
-86.54			1549	-207.6	-24.4	-11.1	-23.7	-208.2
-86.81			1552	-207.6	-8.6	-11.1	-8.0	-208.2
-35.48			1551	-0.9	-8.6	-11.1	7.0	-16.5
-21.72			1548	-0.9	-24.4	-11.1	3.5	-28.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
51.94	Max	Cent	4.1	7.4	6.6	12.5	-1.0	
25.27			1549	14.6	3.0	7.1	17.9	-0.3
15.48			1552	21.9	6.8	4.5	23.1	5.5
59.36			1551	13.4	17.8	3.9	20.1	11.1
57.53			1548	7.3	13.6	6.8	17.9	3.0
	Min	Cent	-16.7	-4.0	-11.6	2.9	-23.5	

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-59.33		1549	-13.3	-2.2	-12.7	6.1	-21.6
-56.74		1552	-47.3	-9.8	-8.8	-7.9	-49.2
-77.41		1551	-36.0	-12.5	-8.2	-9.9	-38.6
-72.61		1548	-10.2	-4.0	-12.6	5.9	-20.1
-52.00							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1549	0.1	0.0
	1552	0.1	0.0
	1551	0.0	0.0
	1548	0.0	0.0
Min	Cent	-0.0	-0.0
	1549	-0.0	-0.0
	1552	-0.0	-0.0
	1551	-0.0	-0.0
	1548	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.36	pp	Cent	123.4	22.4	0.6	123.4	22.4
0.49		1549	55.1	-18.7	0.6	55.1	-18.7
85.66		1552	55.1	63.5	0.6	63.5	55.1
0.28		1551	191.7	63.5	0.6	191.7	63.5
0.17		1548	191.7	-18.7	0.6	191.7	-18.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
60.06	Cent	2.6	51.8	42.4	76.2	-21.8
63.61	1549	-78.0	-4.9	48.1	19.0	-101.9
26.17	1552	61.9	2.6	38.4	80.8	-16.3
64.40	1551	-31.4	3.7	21.8	14.1	-41.8
78.45	1548	58.0	205.8	31.5	212.2	51.5

	NODE	Vxx	Vyy
	Cent	-0.0	-0.2
	1549	-0.1	-0.4
	1552	-0.1	-0.1
	1551	0.0	-0.1
	1548	0.0	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.16	vento -y	Cent	17.5	1.8	-0.0	17.5	1.8

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.14	1549	16.4	-1.4	-0.0	16.4	-1.4
-0.22	1552	16.4	4.9	-0.0	16.4	4.9
-0.18	1551	18.6	4.9	-0.0	18.6	4.9
-0.13	1548	18.6	-1.4	-0.0	18.6	-1.4

ANGLE NODE Mxx Myy Mxy Mmax Mmin

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17.19	Cent	0.2	0.1	0.0	0.2	0.1
4.02	1549	0.4	-0.0	0.0	0.4	-0.0
-76.05	1552	0.0	0.1	-0.0	0.1	-0.0
86.50	1551	-0.0	0.3	0.0	0.3	-0.0
12.48	1548	0.4	0.1	0.1	0.4	0.1

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	-0.0
1549	0.0	-0.0
1552	0.0	-0.0
1551	0.0	-0.0
1548	0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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89.91	cedime~1	Cent	-47.9	-4.9	0.1	-4.9
89.94		1549	-56.9	3.9	0.1	-56.9
89.91		1552	-56.9	-13.6	0.1	-13.6
89.85		1551	-38.8	-13.6	0.1	-13.6
89.91		1548	-38.8	3.9	0.1	-38.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

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26.89		Cent	2.5	0.0	1.7	-0.8
45.87		1549	-0.7	-0.6	1.8	-2.4
11.09		1552	6.7	1.6	1.0	1.4
22.90		1551	2.5	0.3	1.1	-0.2
27.46		1548	1.4	-1.2	1.9	-2.1

NODE	Vxx	Vyy
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Cent	-0.0	0.0
1549	-0.0	0.0
1552	-0.0	0.0
1551	-0.0	0.0

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			1548	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-0.20	perm	Cent	68.2	5.9	-0.2	68.2	5.9	
-0.19		1549	61.1	-4.7	-0.2	61.1	-4.7	
-0.27		1552	61.1	16.5	-0.2	61.1	16.5	
-0.21		1551	75.2	16.5	-0.2	75.2	16.5	
-0.15		1548	75.2	-4.7	-0.2	75.2	-4.7	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-87.74		Cent	-7.0	-0.9	-0.2	-0.9	-7.0	
-88.32		1549	-5.8	0.2	-0.2	0.2	-5.8	
-89.64		1552	-8.1	-1.2	-0.0	-1.2	-8.1	
-86.34		1551	-8.6	-3.3	-0.3	-3.3	-8.6	
-85.59		1548	-5.4	0.7	-0.5	0.7	-5.5	
		NODE	Vxx	Vyy				
		Cent	0.0	0.0				
		1549	0.0	-0.0				
		1552	0.0	0.0				
		1551	0.0	0.0				
		1548	0.0	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

3.85	INV TO~1	Max	Cent	248.7	41.1	14.1	249.7	40.1
2.44			1549	328.5	3.2	14.1	329.1	2.5
3.83			1552	328.5	119.8	14.1	329.4	118.8
5.62			1551	261.2	119.8	14.1	262.6	118.4
3.06			1548	261.2	3.2	14.1	262.0	2.3
-77.74		Min	Cent	-69.2	-2.8	-15.2	0.5	-72.5
-85.24			1549	-276.0	-37.6	-15.2	-36.4	-277.0
-86.77			1552	-276.0	-8.8	-15.2	-7.9	-276.9
-17.31			1551	35.2	-8.8	-15.2	39.9	-13.5
-11.87			1548	35.2	-37.6	-15.2	38.3	-39.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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		Max	Cent	1.1	9.1	10.3	16.2	-5.9
55.61			1549	14.0	4.3	11.1	20.6	-1.4
33.35			1552	28.2	9.6	7.1	30.6	7.2
18.68			1551	12.0	21.0	6.1	24.1	8.9
63.08			1548	5.8	19.0	10.5	23.9	0.4
59.93		Min	Cent	-29.5	-6.3	-15.9	1.0	-37.5
-63.05			1549	-24.4	-3.3	-17.4	5.0	-33.5
-61.99			1552	-71.9	-14.5	-11.9	-12.1	-74.3
-78.72			1551	-57.2	-20.1	-11.4	-17.0	-60.4
-74.79			1548	-19.2	-5.8	-17.4	4.9	-30.9
-55.51								

		NODE	Vxx	Vyy
Max	Cent		0.1	0.0
	1549		0.1	0.0
	1552		0.1	0.0
	1551		0.0	0.0
	1548		0.0	0.0
Min	Cent		-0.0	-0.0
	1549		-0.0	-0.0
	1552		-0.0	-0.0
	1551		-0.0	-0.0
	1548		-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	248.7	41.1	14.1	249.7	40.1
3.85			1549	328.5	3.2	14.1	329.1	2.5
2.44			1552	328.5	119.8	14.1	329.4	118.8
3.83			1551	261.2	119.8	14.1	262.6	118.4
5.62			1548	261.2	3.2	14.1	262.0	2.3
3.06		Min	Cent	-69.2	-2.8	-15.2	0.5	-72.5
-77.74			1549	-276.0	-37.6	-15.2	-36.4	-277.0
-85.24			1552	-276.0	-8.8	-15.2	-7.9	-276.9
-86.77			1551	35.2	-8.8	-15.2	39.9	-13.5
-17.31			1548	35.2	-37.6	-15.2	38.3	-39.7
-11.87								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	3.5	69.9	57.2	102.8	-5.9
60.06			1549	14.0	4.3	65.0	25.6	-1.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

29.92		1701	7.3	2.8	3.9	9.6	0.6
-30.83	Min	Cent	-0.9	-5.3	-4.1	1.5	-7.8
-87.94		1702	-90.3	-25.7	-2.3	-25.7	-90.3
-47.02		1706	-4.4	-4.1	-2.5	-1.7	-6.7
-53.27		1705	-8.3	-5.9	-4.0	-2.9	-11.2
-87.40		1701	-108.1	-32.8	-3.4	-32.7	-108.2

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1702	0.0	0.0
	1706	0.0	0.0
	1705	0.0	0.0
	1701	0.0	0.0
Min	Cent	-0.2	-0.0
	1702	-0.2	-0.0
	1706	-0.2	-0.0
	1705	-0.2	-0.0
	1701	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
25.99	c mob-b	Max	Cent	98.9	49.0	31.9	114.4	33.4
12.00		1702	185.4	42.1	31.9	192.2	35.3	
13.42		1706	185.4	59.3	31.9	193.0	51.7	
25.50		1705	111.0	59.3	31.9	126.2	44.1	
21.40		1701	111.0	42.1	31.9	123.5	29.6	
-64.13		Min	Cent	-34.0	-3.6	-19.3	5.8	-43.4
-81.27		1702	-126.3	-3.6	-19.3	-0.6	-129.2	
-81.23		1706	-126.3	-4.2	-19.3	-1.2	-129.3	
-52.52		1705	-14.5	-4.2	-19.3	10.6	-29.3	
-52.93		1701	-14.5	-3.6	-19.3	11.0	-29.1	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.98	Max	Cent	0.8	0.8	6.4	7.1	-5.6
31.06		1702	12.1	4.4	7.3	16.4	-0.0
4.60		1706	97.7	23.0	6.0	98.2	22.5
3.03		1705	110.6	22.5	4.7	110.9	22.3
38.59		1701	4.0	1.4	5.7	8.6	-3.2
-29.80	Min	Cent	-0.9	-5.9	-4.2	1.5	-8.3
		1702	-95.7	-26.6	-2.3	-26.5	-95.8

PROJECT TITLE :

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-88.11							
	1706	-10.2	-6.8	-3.1	-4.9	-12.0	
-59.18							
	1705	-4.0	-4.8	-4.3	-0.1	-8.7	
-42.28							
	1701	-114.6	-34.8	-3.3	-34.6	-114.8	
-87.63							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1702	0.0	0.0
	1706	0.0	0.0
	1705	0.0	0.0
	1701	0.0	0.0
Min	Cent	-0.2	-0.0
	1702	-0.2	-0.0
	1706	-0.2	-0.0
	1705	-0.2	-0.0
	1701	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	92.5	34.3	3.4	92.7	34.1
3.31		1702	98.0	24.5	3.4	98.1	24.3
2.63		1706	98.0	44.0	3.4	98.2	43.8
3.57		1705	87.0	44.0	3.4	87.3	43.8
4.47		1701	87.0	24.5	3.4	87.2	24.3
3.09							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	3.5	-5.7	2.7	4.3	-6.4
15.44	1702	-78.0	-37.6	7.6	-36.2	-79.4
79.65	1706	92.2	20.2	1.0	92.2	20.2
0.78	1705	103.8	20.3	0.0	103.8	20.3
0.02	1701	-103.8	-25.6	6.7	-25.1	-104.4
85.14						

	NODE	Vxx	Vyy
	Cent	-0.2	-0.0
	1702	-0.2	-0.0
	1706	-0.2	0.0
	1705	-0.2	0.0
	1701	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-1.2	0.7	1.5	1.5	-2.0
61.67		1702	-4.5	0.5	1.5	0.9	-4.9
74.45							

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	Company		Client	
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75.78		1706	-4.5	1.0	1.5	1.4	-4.8
35.55		1705	2.0	1.0	1.5	3.1	-0.0
31.03		1701	2.0	0.5	1.5	2.9	-0.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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11.92		Cent	-0.1	-0.2	0.0	-0.1	-0.2
86.41		1702	-1.3	-0.5	0.1	-0.5	-1.3
4.09		1706	1.4	0.6	0.1	1.4	0.6
1.17		1705	1.4	-0.2	0.0	1.4	-0.2
88.32		1701	-1.7	-0.6	0.0	-0.6	-1.7

NODE	Vxx	Vyy
Cent	-0.0	0.0
1702	-0.0	-0.0
1706	-0.0	0.0
1705	-0.0	0.0
1701	-0.0	-0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-18.51	cedime~1	Cent	24.8	-38.8	-24.0	32.8	-46.8
-7.85		1702	139.1	-31.4	-24.0	142.4	-34.7
-7.25		1706	139.1	-46.2	-24.0	142.1	-49.2
-66.09		1705	-89.6	-46.2	-24.0	-35.5	-100.2
-70.27		1701	-89.6	-31.4	-24.0	-22.8	-98.1

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

-51.18		Cent	0.4	2.1	-3.9	5.3	-2.8
-5.32		1702	67.3	20.6	-4.4	67.8	20.1
-84.54		1706	-67.0	-18.9	-4.6	-18.5	-67.5
-86.58		1705	-64.9	-9.9	-3.3	-9.7	-65.1
-3.52		1701	66.2	16.7	-3.1	66.4	16.5

NODE	Vxx	Vyy
Cent	0.1	-0.0
1702	0.1	0.0
1706	0.1	-0.0
1705	0.1	-0.0
1701	0.1	0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.08	perm	Cent	33.5	11.2	-2.4	33.7	10.9
-3.93		1702	43.2	8.4	-2.4	43.3	8.3
-4.67		1706	43.2	14.0	-2.4	43.4	13.8
-13.03		1705	23.8	14.0	-2.4	24.3	13.4
-8.69		1701	23.8	8.4	-2.4	24.1	8.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
1.65		Cent	0.3	-1.4	0.0	0.3	-1.4
86.24		1702	-28.6	-7.3	1.4	-7.2	-28.7
0.64		1706	30.8	4.5	0.3	30.8	4.5
-1.15		1705	36.0	8.3	-0.6	36.0	8.3
88.77		1701	-36.8	-10.9	0.6	-10.9	-36.8
		NODE	Vxx	Vyy			
		Cent	-0.1	-0.0			
		1702	-0.1	0.0			
		1706	-0.1	-0.0			
		1705	-0.1	-0.0			
		1701	-0.1	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.16	INV TO~1	Max Cent	191.7	77.3	40.7	193.5	61.6
2.40		1702	432.5	65.9	40.7	433.2	58.9
2.49		1706	432.5	95.6	40.7	433.3	87.6
22.29		1705	178.2	95.6	40.7	194.8	78.9
17.96		1701	178.2	65.9	40.7	191.3	52.7
-54.14		Min Cent	-12.5	-32.4	-52.4	26.9	-67.1
-79.48		1702	-144.4	-27.8	-52.4	8.9	-149.6
-79.78		1706	-144.4	-37.8	-52.4	13.5	-149.5
-57.21		1705	-85.4	-37.8	-52.4	-4.1	-119.2
-59.40		1701	-85.4	-27.8	-52.4	3.2	-116.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Max	Cent	1.8	2.6	8.6	9.6	-2.5
43.53		1702	55.0	19.1	11.2	56.2	17.9
10.42		1706	162.7	35.6	8.5	163.3	35.0
3.79		1705	185.4	38.7	5.8	185.6	38.4
2.24		1701	39.3	9.5	8.3	40.2	8.6
9.72	Min	Cent	-0.9	-9.3	-9.6	1.9	-14.0
-26.69		1702	-157.9	-43.2	-6.1	-43.1	-157.9
-89.14		1706	-50.0	-23.6	-8.6	-21.1	-52.5
-73.52		1705	-40.1	-9.6	-9.7	-6.8	-42.9
-73.82		1701	-191.6	-57.9	-7.1	-57.7	-191.7
-88.26							

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1702	0.1	0.0
	1706	0.1	0.0
	1705	0.1	0.0
	1701	0.1	0.0
Min	Cent	-0.3	-0.0
	1702	-0.3	-0.0
	1706	-0.3	-0.0
	1705	-0.4	-0.0
	1701	-0.4	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	INV TO~2	Max	Cent	191.7	77.3	40.7	193.5	61.6
6.16			1702	432.5	65.9	40.7	433.2	58.9
2.40			1706	432.5	95.6	40.7	433.3	87.6
2.49			1705	178.2	95.6	40.7	194.8	78.9
22.29			1701	178.2	65.9	40.7	191.3	52.7
17.96		Min	Cent	-12.5	-32.4	-52.4	26.9	-67.1
-54.14			1702	-144.4	-27.8	-52.4	8.9	-149.6
-79.48			1706	-144.4	-37.8	-52.4	13.5	-149.5
-79.78			1705	-85.4	-37.8	-52.4	-4.1	-119.2
-57.21			1701	-85.4	-27.8	-52.4	3.2	-116.4
-59.40								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-----	Max	Cent	4.8	2.6	8.6	9.6	-2.5
43.53		1702	55.0	19.1	11.2	56.2	17.9
10.42		1706	162.7	35.6	8.5	163.3	35.0

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3.79							
2.24		1705	185.4	38.7	5.8	185.6	38.4
9.72		1701	39.3	9.5	9.0	40.2	8.6
-26.69	Min	Cent	-0.9	-9.3	-9.6	1.9	-14.0
79.65		1702	-157.9	-50.7	-6.1	-48.9	-157.9
-73.52		1706	-50.0	-23.6	-8.6	-21.1	-52.5
-73.82		1705	-40.1	-9.6	-9.7	-6.8	-42.9
-88.26		1701	-191.6	-57.9	-7.1	-57.7	-191.7

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1702	0.1	0.0
	1706	0.1	0.0
	1705	0.1	0.0
	1701	0.1	0.0
Min	Cent	-0.3	-0.0
	1702	-0.3	-0.1
	1706	-0.3	-0.0
	1705	-0.4	-0.0
	1701	-0.4	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1656	2	12	c mob-a	Max	Cent	28.7	59.9	14.1	65.4	23.2
68.91					1706	30.0	55.1	14.1	61.5	23.6
65.82					1711	30.0	64.9	14.1	69.9	25.0
70.49					1710	97.5	64.9	14.1	102.8	59.6
20.47					1705	97.5	55.1	14.1	101.8	50.8
16.87				Min	Cent	-14.8	-2.2	-19.8	12.3	-29.3
-53.80					1706	-95.7	-1.9	-19.8	2.1	-99.7
-78.54					1711	-95.7	-2.5	-19.8	1.5	-99.7
-78.47					1710	-1.7	-2.5	-19.8	17.7	-21.9
-44.39					1705	-1.7	-1.9	-19.8	18.0	-21.6
-44.87										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	4.4	2.3	7.1	10.5	-3.8
40.79		1706	31.0	4.6	7.3	32.8	2.7
14.41		1711	34.0	5.5	3.1	34.4	5.2
6.22		1710	8.9	3.6	4.3	11.3	1.2
29.29		1705	35.3	8.3	8.4	37.7	5.9
15.98							

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-29.78	Min	Cent	-0.1	-5.1	-4.3	2.4	-7.6
-72.24		1706	-21.1	-11.3	-3.5	-10.2	-22.3
-81.58		1711	-28.1	-2.5	-3.9	-1.9	-28.7
-84.04		1710	-32.8	-4.5	-3.0	-4.2	-33.2
-18.89		1705	-9.0	-16.1	-2.7	-8.1	-17.0

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1706	0.1	0.0
	1711	0.1	0.0
	1710	0.1	0.0
	1705	0.1	0.0
Min	Cent	-0.0	-0.0
	1706	-0.1	-0.0
	1711	-0.1	-0.0
	1710	-0.0	-0.0
	1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
43.66	c mob-b	Max	Cent	48.9	46.3	28.3	75.9	19.3	
35.14			1706	73.3	53.0	28.3	93.2	33.1	
30.67			1711	73.3	42.4	28.3	90.1	25.6	
24.42			1710	91.8	42.4	28.3	104.7	29.6	
27.77			1705	91.8	53.0	28.3	106.7	38.2	
-53.22			Min	Cent	-16.5	-5.0	-19.5	9.6	-31.0
-78.32				1706	-94.3	-4.1	-19.5	-0.1	-98.3
-77.81				1711	-94.3	-8.4	-19.5	-4.2	-98.5
-42.01				1710	-4.3	-8.4	-19.5	13.2	-25.9
-45.12				1705	-4.3	-4.1	-19.5	15.3	-23.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
40.47	Max	Cent	4.4	1.6	8.6	11.7	-5.7	
12.62			1706	43.2	7.1	8.5	45.1	5.2
6.30			1711	40.6	6.0	3.9	41.0	5.6
28.37			1710	8.8	2.3	5.0	11.5	-0.4
23.60			1705	24.6	6.2	9.9	29.0	1.9
-36.97	Min	Cent	-0.5	-5.4	-8.5	5.9	-11.9	
-64.97			1706	-26.2	-12.3	-8.3	-8.5	-30.1
			1711	-43.2	-3.8	-7.2	-2.5	-44.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-79.98							
	1710	-23.3	-7.2	-5.3	-5.6	-24.9	
-73.29							
	1705	-8.7	-17.0	-6.8	-4.9	-20.8	
-29.23							

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	1706	0.1	0.0
	1711	0.1	0.0
	1710	0.0	0.0
	1705	0.0	0.0
Min	Cent	-0.0	-0.0
	1706	-0.1	-0.0
	1711	-0.1	-0.0
	1710	-0.0	-0.0
	1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	53.9	34.6	22.5	68.7	19.8
33.39		1706	23.9	32.5	22.5	51.0	5.3
50.39		1711	23.9	36.7	22.5	53.7	6.9
52.98		1710	83.9	36.7	22.5	92.9	27.7
21.82		1705	83.9	32.5	22.5	92.3	24.0
20.58							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	4.8	-1.6	1.0	5.0	-1.7
8.34	1706	21.1	-1.1	0.8	21.2	-1.1
2.17	1711	-7.3	0.2	-1.8	0.6	-7.7
-77.37	1710	-15.5	-1.0	0.6	-1.0	-15.5
87.54	1705	20.9	-4.5	3.2	21.3	-5.0
7.16						

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	1706	0.0	0.0
	1711	0.0	-0.0
	1710	0.0	-0.0
	1705	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-1.6	0.8	-1.3	1.4	-2.2
-66.05		1706	-4.6	0.9	-1.3	1.2	-4.9
-77.07		1711	-4.6	0.7	-1.3	1.0	-4.9
-76.70							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-37.78	1710	1.4	0.7	-1.3	2.4	-0.3
-39.62	1705	1.4	0.9	-1.3	2.5	-0.2

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	Cent	0.1	-0.2	0.6	0.5	-0.7
38.13	1706	-2.4	-0.5	0.6	-0.3	-2.5
73.75	1711	2.9	0.2	0.4	2.9	0.2
7.86	1710	0.2	0.1	0.4	0.5	-0.2
40.44	1705	-0.5	-0.8	0.6	-0.0	-1.2
36.82						

NODE	Vxx	Vyy
-----	-----	-----
Cent	-0.0	0.0
1706	-0.0	0.0
1711	-0.0	-0.0
1710	-0.0	-0.0
1705	-0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-----	cedime~1	Cent	25.0	-45.3	28.1	34.9	-55.2
19.34		1706	114.2	-46.1	28.1	119.0	-50.9
9.68		1711	114.2	-44.6	28.1	119.1	-49.4
9.76		1710	-64.2	-44.6	28.1	-24.6	-84.2
54.61		1705	-64.2	-46.1	28.1	-25.6	-84.7
53.92							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	Cent	-3.5	3.3	-9.9	10.4	-10.6
-54.41	1706	33.7	11.3	-10.2	37.6	7.4
-21.10	1711	-47.5	-5.6	-5.3	-5.0	-48.1
-82.90	1710	-5.7	-3.7	-5.7	1.1	-10.5
-50.09	1705	5.6	11.3	-10.6	19.4	-2.5
-52.51						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	0.0
1706	0.1	-0.0
1711	0.1	0.0
1710	0.0	0.0
1705	0.0	-0.0

LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	perm	Cent	22.2	10.1	10.6	28.4	3.9
30.12		1706	17.7	10.6	10.6	25.3	2.9
35.74		1711	17.7	9.6	10.6	25.0	2.3
34.56		1710	26.7	9.6	10.6	31.8	4.5
25.51		1705	26.7	10.6	10.6	32.0	5.3
26.34							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-25.24	Cent	1.6	-0.4	-1.2	2.2	-1.0
-5.13	1706	13.1	-0.8	-1.3	13.2	-0.9
-79.44	1711	-9.0	0.2	-1.8	0.6	-9.3
-81.41	1710	-5.4	-0.9	-0.7	-0.8	-5.5
-1.22	1705	7.9	-0.2	-0.2	7.9	-0.2

NODE	Vxx	Vyy
Cent	0.0	0.0
1706	0.0	-0.0
1711	0.0	0.0
1710	0.0	0.0
1705	0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
33.14	INV TO~1	Max	Cent	113.2	91.0	76.9	163.5	40.8
19.36			1706	230.9	85.0	76.9	257.9	49.6
20.40			1711	230.9	97.2	76.9	259.5	57.2
28.96			1710	158.3	97.2	76.9	185.3	70.2
26.53			1705	158.3	85.0	76.9	182.7	60.6
-47.98		Min	Cent	-0.0	-42.0	-16.2	17.9	-44.1
14.35			1706	-111.5	-41.1	-16.2	5.8	-113.7
-81.80			1711	-111.5	-46.3	-16.2	0.6	-113.8
41.37			1710	-43.2	-46.3	-16.2	-32.7	-56.9
47.58			1705	-43.2	-41.1	-16.2	-30.1	-54.2

ANGLE

	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
-43.82			7.6	6.1	10.4	19.2	4.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.05		1706	105.1	20.1	10.2	105.1	20.1
5.19		1711	45.7	8.4	3.4	46.0	8.1
38.99		1710	6.5	4.0	6.0	11.4	0.2
3.92		1705	61.2	22.3	13.3	61.4	22.2
77.18	Min	Cent	-2.5	-7.7	-22.7	6.2	-26.2
-50.57		1706	-22.3	-17.4	-22.6	-7.2	-32.6
-81.08		1711	-114.8	-10.5	-16.8	-7.8	-117.4
-73.32		1710	-55.5	-14.3	-13.6	-10.2	-59.5
-22.30		1705	-4.2	-23.1	-19.9	-0.4	-27.0

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	1706	0.2	0.0
	1711	0.2	0.1
	1710	0.1	0.1
	1705	0.1	0.0
Min	Cent	-0.0	-0.0
	1706	-0.1	-0.0
	1711	-0.1	-0.0
	1710	-0.0	-0.0
	1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
33.14	INV TO~2	Max	Cent	113.2	91.0	76.9	163.5	40.8
19.36			1706	230.9	85.0	76.9	257.9	49.6
20.40			1711	230.9	97.2	76.9	259.5	57.2
28.96			1710	158.3	97.2	76.9	185.3	70.2
26.53			1705	158.3	85.0	76.9	182.7	60.6
-47.98		Min	Cent	-0.0	-42.0	-16.2	17.9	-44.1
14.35			1706	-111.5	-41.1	-16.2	5.8	-113.7
-81.80			1711	-111.5	-46.3	-16.2	0.6	-113.8
41.37			1710	-43.2	-46.3	-16.2	-32.7	-56.9
47.58			1705	-43.2	-41.1	-16.2	-30.1	-54.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-43.82	Max	Cent	7.6	6.1	10.4	19.2	4.1
0.05		1706	105.1	20.1	10.2	105.1	20.1
5.19		1711	45.7	8.4	3.4	46.0	8.1
		1710	6.5	4.0	6.0	11.4	0.2

PROJECT TITLE :

	Company		Client	
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38.99								
3.92			1705	61.2	22.3	13.3	61.4	22.2
77.18		Min	Cent	-2.5	-7.7	-22.7	6.2	-26.2
-50.57			1706	-22.3	-17.4	-22.6	-7.2	-32.6
-81.08			1711	-114.8	-10.5	-16.8	-7.8	-117.4
-73.32			1710	-55.5	-14.3	-13.6	-10.2	-59.5
-22.30			1705	-4.2	-23.1	-19.9	-0.4	-27.0

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	1706	0.2	0.0
	1711	0.2	0.1
	1710	0.1	0.1
	1705	0.1	0.0
Min	Cent	-0.0	-0.0
	1706	-0.1	-0.0
	1711	-0.1	-0.0
	1710	-0.0	-0.0
	1705	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1846	1	2	c mob-a	Max	Cent	100.1	28.5	23.2	106.9	21.7
16.47					1414	56.3	36.5	23.2	71.6	21.2
33.44					1416	56.3	21.6	23.2	67.9	10.0
26.59					2207	216.9	21.6	23.2	219.6	18.9
6.68					2205	216.9	36.5	23.2	219.8	33.6
7.21				Min	Cent	-89.8	-678.3	-1892.3	1531.0	-2299.1
-40.58					1414	-265.6	-859.0	-1892.3	1353.1	-2477.7
-40.54					1416	-265.6	-524.2	-1892.3	1501.8	-2291.6
-43.05					2207	-26.1	-524.2	-1892.3	1633.5	-2183.8
-41.25					2205	-26.1	-859.0	-1892.3	1495.1	-2380.1
-38.79										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	2073.7	424.6	4636.2	5958.0	-3459.8
39.96					1414	3103.3	5100.6	2699.6	6980.4	1223.5
55.15					1416	588.7	382.1	6066.0	6552.3	-5581.5
44.51					2207	6119.3	2993.3	6355.3	11101.0	-1988.4
38.09					2205	5922.8	803.9	3005.1	7310.7	-584.0
24.79				Min	Cent	-30597.6	-15525.5	-6831.1	-12890.2	-33232.9
-68.90										

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-80.18	1414	-44601.7	-20129.9	-4365.8	-19374.4	-45357.3
-46.30	1416	-19804.6	-19156.3	-7137.5	-12335.6	-26625.4
-55.85	2207	-14190.7	-7760.4	-8075.9	-2283.2	-19667.9
-81.62	2205	-54606.1	-19376.7	-5302.5	-18596.0	-55386.8

	NODE	Vxx	Vyy
Max	Cent	5.1	5.8
	1414	3.8	19.3
	1416	3.8	1.6
	2207	7.0	1.6
	2205	7.0	19.3
Min	Cent	-41.0	-10.8
	1414	-32.6	-7.8
	1416	-32.6	-20.8
	2207	-51.4	-20.8
	2205	-51.4	-7.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
11.38	c mob-b	Max	Cent	117.1	19.5	20.5	121.2	15.4
18.19			1414	79.4	23.8	20.5	86.1	17.1
16.31			1416	79.4	15.4	20.5	85.4	9.4
5.10			2207	243.0	15.4	20.5	244.9	13.6
5.29			2205	243.0	23.8	20.5	244.9	21.9
-40.39		Min	Cent	-72.4	-664.0	-1823.9	1479.5	-2215.9
-40.30			1414	-243.0	-847.1	-1823.9	1303.6	-2393.7
-43.12			1416	-243.0	-482.1	-1823.9	1465.2	-2190.4
-41.33			2207	-12.4	-482.1	-1823.9	1591.6	-2086.2
-38.56			2205	-12.4	-847.1	-1823.9	1441.2	-2300.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
38.86	Max	Cent	2613.6	590.6	4644.6	6355.6	-3151.4
52.12		1414	3688.6	5323.1	3218.0	7826.1	1185.7
44.86		1416	549.1	491.3	5979.7	6500.0	-5459.6
42.31		2207	3007.5	1837.1	6209.1	8658.9	-3814.3
22.50		2205	7675.5	1122.6	3275.8	9032.2	-234.1
-79.29	Min	Cent	-29215.8	-14539.8	-2880.0	-13994.9	-29760.7
-86.60		1414	-43467.7	-18048.1	-1517.1	-17957.8	-43557.9
-55.88		1416	-19747.8	-17520.0	-2790.7	-15629.1	-21638.7
		2207	-14517.4	-7386.3	-3476.8	-5971.8	-15931.9

PROJECT TITLE :

	Company		Client	
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-67.86
-85.00

	NODE	Vxx	Vyy
Max	Cent	6.7	5.9
	1414	4.6	19.4
	1416	4.6	1.9
	2207	9.3	1.9
	2205	9.3	19.4
Min	Cent	-29.1	-8.9
	1414	-28.9	-5.3
	1416	-28.9	-17.2
	2207	-34.5	-17.2
	2205	-34.5	-5.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	pp	Cent	14.0	-1767.7	-5259.6	4457.7	-6211.4
-40.19		1414	-516.4	-2218.1	-5259.6	3960.7	-6695.2
-40.41		1416	-516.4	-1317.3	-5259.6	4358.0	-6191.7
-42.82		2207	544.3	-1317.3	-5259.6	4954.9	-5727.8
-39.98		2205	544.3	-2218.1	-5259.6	4601.1	-6274.8
-37.64							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-80608.5	-41152.9	8578.6	-39368.4	-82393.0
78.25	1414	-125057.7	-45888.9	4749.8	-45605.0	-125341.7
86.58	1416	-52915.8	-50113.6	13130.6	-38309.6	-64719.8
48.05	2207	-37111.3	-19035.7	12816.6	-12390.8	-43756.2
62.60	2205	-107349.1	-49573.3	4435.7	-49234.7	-107687.7
85.64						

NODE	Vxx	Vyy
Cent	-76.2	-16.5
1414	-81.1	11.5
1416	-81.1	-44.5
2207	-71.3	-44.5
2205	-71.3	11.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	-38.1	-21.5	48.3	19.2	-78.8
49.86		1414	-40.3	-30.1	48.3	13.3	-83.8
48.00		1416	-40.3	-12.9	48.3	23.6	-76.8
52.91		2207	-35.9	-12.9	48.3	25.2	-74.0
51.68							

PROJECT TITLE :

	Company		Client	
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		2205	-35.9	-30.1	48.3	15.4	-81.4
46.69							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	2620.6	1815.3	-1015.6	3310.5	1125.5
-34.19		1414	5095.2	3743.5	-704.4	5395.5	3443.1
-23.09		1416	1146.2	1804.7	-1073.1	2597.9	353.0
-53.53		2207	1425.4	915.8	-1182.4	2380.1	-39.0
-38.92		2205	2815.7	797.5	-813.7	3102.9	510.3
-19.44							
		NODE	Vxx	Vyy			

		Cent	2.8	2.7			
		1414	4.0	4.0			
		1416	4.0	1.5			
		2207	1.6	1.5			
		2205	1.6	4.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	-53.1	-197.7	-13.8	-51.8	-199.0
-5.39		1414	-74.2	-252.4	-13.8	-73.2	-253.5
-4.39		1416	-74.2	-143.0	-13.8	-71.6	-145.6
-10.91		2207	-31.9	-143.0	-13.8	-30.2	-144.7
-6.96		2205	-31.9	-252.4	-13.8	-31.0	-253.3
-3.56							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-662.4	2808.5	-5949.6	7270.6	-5124.5
-53.13		1414	4368.3	11294.9	-3697.4	12897.7	2765.5
-66.56		1416	-322.3	731.1	-6142.2	6369.2	-5960.4
-47.45		2207	4183.0	2712.5	-7074.5	10560.3	-3664.8
-42.03		2205	-10878.6	-3504.4	-4629.6	-1273.1	-13110.0
-64.27							
		NODE	Vxx	Vyy			

		Cent	-6.2	8.5			
		1414	2.9	18.7			
		1416	2.9	-1.7			
		2207	-15.4	-1.7			
		2205	-15.4	18.7			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-39.56          perm      Cent      44.9      -501.9      -1421.0      1218.6      -1675.5
-39.59          1414      -89.5      -632.4      -1421.0      1085.7      -1807.6
-42.17          1416      -89.5      -371.3      -1421.0      1197.6      -1658.3
-39.52          2207      179.3      -371.3      -1421.0      1351.4      -1543.4
-37.03          2205      179.3      -632.4      -1421.0      1251.2      -1704.4

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ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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79.92          Cent     -24561.9    -10712.4     2542.4     -10260.4    -25013.9
86.44          1414     -37264.5    -11198.7     1629.6     -11097.3    -37366.0
56.13          1416     -16084.0    -12947.1     3830.1     -10376.7    -18654.3
66.11          2207     -11383.2     -4753.1     3653.9     -3134.5     -13001.8
85.77          2205     -33516.0    -13950.8     1453.4     -13843.4    -33623.3

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	NODE	Vxx	Vyy
-----	-----	-----	-----
	Cent	-23.2	-3.0
	1414	-23.9	5.6
	1416	-23.9	-11.6
	2207	-22.5	-11.6
	2205	-22.5	5.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-40.21          INV TO~1  Max     Cent      203.0      -463.3      -1389.7      3284.7      -1559.3
-40.20          1414      17.7       -583.1      -1389.7      2911.9      -1704.5
-42.73          1416      17.7       -342.2      -1389.7      3224.5      -1563.5
-40.63          2207      507.3      -342.2      -1389.7      3554.9      -1370.6
-38.16          2205      507.3      -583.1      -1389.7      3267.8      -1530.7
-36.94          Min     Cent     -129.4      -1615.3     -3989.3      1205.3      -4930.3
-37.24          1414     -522.3     -2044.4     -3989.3      1010.5      -5344.6
-40.66          1416     -522.3     -1222.0     -3989.3      1148.9      -4876.8
-35.55          2207     112.2     -1222.0     -3989.3      1478.5      -4599.6
-32.48          2205     112.2     -2044.4     -3989.3      1368.9      -5098.6

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ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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61.12          Max     Cent     -21033.5    -7106.6     8812.7     -5054.7     -22237.6
86.31          1414     -27916.5    7282.4     5973.9     7429.0     -28063.2

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.56		1416	-15289.2	-11552.8	12019.2	-1673.8	-19799.7
47.81		2207	1060.9	2000.4	12233.6	10375.7	-3649.8
66.18		2205	-23154.0	-12435.2	5875.8	-9841.8	-25747.5
-79.33	Min	Cent	-66531.1	-31671.8	-12629.1	-30413.4	-70373.4
-85.89		1414	-97476.9	-38374.1	-7961.6	-38068.0	-97782.9
-54.53		1416	-43142.5	-38808.2	-11947.8	-34671.8	-52823.0
-68.69		2207	-30981.7	-15229.6	-14323.0	-12401.8	-35662.2
-82.25		2205	-118112.8	-43613.8	-10334.5	-42206.7	-119519.8

	NODE	Vxx	Vyy
Max	Cent	-14.3	13.5
	1414	-14.9	50.5
	1416	-14.9	-9.0
	2207	-10.0	-9.0
Min	2205	-10.0	50.5
	Cent	-84.8	-17.5
	1414	-68.0	-5.0
	1416	-68.0	-41.4
	2207	-107.3	-41.4
	2205	-107.3	-5.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-40.19	INV TO~2	Max	Cent	203.0	-463.3	-1389.7	6017.8	-1559.3
-40.41			1414	17.7	-583.1	-1389.7	5347.0	-1704.5
-42.82			1416	17.7	-342.2	-1389.7	5883.3	-1563.5
-39.98			2207	734.9	-342.2	-1389.7	6689.1	-1370.6
-37.64			2205	734.9	-583.1	-1389.7	6211.5	-1530.7
-36.94		Min	Cent	-129.4	-2386.4	-7100.5	1205.3	-8385.4
-37.24			1414	-697.2	-2994.4	-7100.5	1010.5	-9038.6
-40.66			1416	-697.2	-1778.4	-7100.5	1148.9	-8358.8
-35.55			2207	112.2	-1778.4	-7100.5	1478.5	-7732.6
-32.48			2205	112.2	-2994.4	-7100.5	1368.9	-8471.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
61.12	Max	Cent	-21033.5	-7106.6	11581.1	-5054.7	-22237.6	
86.31			1414	-27916.5	7282.4	6412.2	7429.0	-28063.2
48.56			1416	-15289.2	-11552.8	17726.3	-1673.8	-19799.7
47.81			2207	1060.9	2000.4	17302.3	10375.7	-3649.8
			2205	-23154.0	-12435.2	5988.2	-9841.8	-25747.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

66.18								
	Min	Cent	-108821.5	-55556.4	-12629.1	-53147.3	-111230.5	
78.25			1414	-168828.0	-61950.0	-7961.6	-61566.7	-169211.3
86.58			1416	-71436.4	-67653.3	-11947.8	-51717.9	-87371.8
48.05			2207	-50100.3	-25698.2	-14323.0	-16727.6	-59070.8
62.60			2205	-144921.3	-66923.9	-10334.5	-66466.9	-145378.4
85.64								

	NODE	Vxx	Vyy
Max	Cent	-14.3	13.5
	1414	-14.9	50.5
	1416	-14.9	-9.0
	2207	-10.0	-9.0
	2205	-10.0	50.5
Min	Cent	-102.8	-22.3
	1414	-109.5	-5.0
	1416	-109.5	-60.1
	2207	-107.3	-60.1
	2205	-107.3	-5.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1847	1	2	c mob-a	Max	Cent	63.5	17.0	29.5	77.9	2.7
25.89					1416	38.4	21.1	29.5	60.5	-1.0
36.85					1418	38.4	17.0	29.5	59.1	-3.7
35.07					2209	169.0	17.0	29.5	174.5	11.5
10.63					2207	169.0	21.1	29.5	174.6	15.4
10.89				Min	Cent	-66.7	-367.7	-2088.0	1876.2	-2310.6
-42.94					1416	-183.9	-526.2	-2088.0	1740.0	-2450.0
-42.66					1418	-183.9	-220.9	-2088.0	1885.7	-2290.5
-44.75					2209	-39.1	-220.9	-2088.0	1960.0	-2220.0
-43.75					2207	-39.1	-526.2	-2088.0	1819.5	-2384.8
-41.67										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	7979.0	584.6	6252.1	11545.3	-2981.7
29.70					1416	1464.7	353.5	5054.1	5993.6	-4175.4
41.86					1418	7495.6	5368.7	4978.1	11522.6	1341.7
38.97					2209	17853.7	10707.2	7639.7	22714.5	5846.4
32.47					2207	6219.5	2966.6	7546.2	12312.6	-3126.5
38.92				Min	Cent	-9149.5	-6253.0	-4000.5	-3446.7	-11955.8
-54.95					1416	-19583.6	-19298.7	-5514.0	-13925.3	-24957.0
-45.74										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.19	1418	-1710.2	-6743.3	-2140.4	-923.0	-7530.5
-55.48	2209	-3936.0	-2255.4	-2192.6	-747.6	-5443.9
-63.58	2207	-16657.6	-8250.7	-5545.2	-5495.8	-19412.5

	NODE	Vxx	Vyy
Max	Cent	2.2	2.6
	1416	1.6	1.6
	1418	1.6	5.0
	2209	2.8	5.0
	2207	2.8	1.6
Min	Cent	-21.0	-18.5
	1416	-19.7	-20.8
	1418	-19.7	-20.0
	2209	-22.8	-20.0
	2207	-22.8	-20.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
16.98	c mob-b	Max	Cent	85.9	12.9	24.6	93.4	5.4
25.94			1416	53.5	14.9	24.6	65.4	3.0
25.21		1418	53.5	12.9	24.6	65.1	1.3	
7.82		2209	188.5	12.9	24.6	191.9	9.5	
7.90		2207	188.5	14.9	24.6	191.9	11.5	
-43.31		Min	Cent	-50.9	-290.6	-2025.1	1857.9	-2199.4
-42.83			1416	-177.8	-485.6	-2025.1	1699.2	-2362.6
-45.38			1418	-177.8	-124.8	-2025.1	1874.0	-2176.6
-44.26			2209	-20.4	-124.8	-2025.1	1953.2	-2098.4
-41.72			2207	-20.4	-485.6	-2025.1	1785.4	-2291.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
38.92	Max	Cent	3392.8	628.7	6417.9	8575.8	-4554.2	
44.38		1416	661.4	441.6	5076.8	5629.4	-4526.5	
52.47		1418	3334.7	5877.6	4765.5	9538.4	-326.0	
43.35		2209	7447.0	6548.9	7773.0	14783.9	-788.0	
42.24		2207	3378.5	1893.6	7668.9	10340.8	-5068.6	
-76.54		Min	Cent	-9629.1	-5682.5	-1002.2	-5442.6	-9869.0
-58.49			1416	-19721.3	-17695.5	-1989.6	-16475.8	-20941.0
-29.24			1418	-2241.0	-2899.9	-537.3	-1940.2	-3200.7
-82.02			2209	-5105.9	-2677.2	-347.2	-2628.5	-5154.6
			2207	-16951.0	-7861.5	-1696.6	-7555.1	-17257.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-79.76

	NODE	Vxx	Vyy
Max	Cent	2.8	3.3
	1416	2.0	1.9
	1418	2.0	6.0
	2209	3.6	6.0
	2207	3.6	1.9
Min	Cent	-16.2	-11.9
	1416	-17.0	-17.2
	1418	-17.0	-8.9
	2209	-15.4	-8.9
	2207	-15.4	-17.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-43.11	pp	Cent	11.0	-764.2	-5881.0	5517.2	-6270.4
-42.80		1416	-411.8	-1317.9	-5881.0	5033.6	-6763.3
-45.49		1418	-411.8	-210.5	-5881.0	5570.7	-6193.1
-43.43		2209	433.9	-210.5	-5881.0	6001.5	-5778.2
-40.76		2207	433.9	-1317.9	-5881.0	5503.9	-6387.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.16	Cent	-23807.0	-14416.8	16030.6	-2407.8	-35815.9
50.00	1416	-54183.5	-50367.1	10816.6	-41291.6	-63258.9
48.96	1418	1514.8	4831.5	11923.7	15211.5	-8865.3
49.46	2209	1946.8	8383.0	20482.3	25898.5	-15568.7
60.88	2207	-44505.9	-20514.6	19375.3	-9722.1	-55298.3

	NODE	Vxx	Vyy
	Cent	-43.9	-25.0
	1416	-45.9	-44.5
	1418	-45.9	-5.5
	2209	-41.8	-5.5
	2207	-41.8	-44.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
53.98	vento -y	Cent	-35.1	-8.8	40.6	20.8	-64.6
54.26		1416	-39.5	-12.3	40.6	16.9	-68.8
56.46		1418	-39.5	-5.2	40.6	21.7	-66.5
53.70		2209	-30.6	-5.2	40.6	24.6	-60.5
51.36		2207	-30.6	-12.3	40.6	20.1	-63.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-45.60	Cent	834.8	876.8	-1007.5	1863.6	-151.9
-49.52	1416	1601.4	1895.7	-925.0	2685.2	811.9
-51.49	1418	100.6	498.7	-863.1	1185.5	-586.1
-45.48	2209	148.0	184.3	-1074.6	1240.9	-908.6
-38.07	2207	1489.3	928.5	-1136.4	2379.4	38.4

NODE	Vxx	Vyy
Cent	1.2	1.0
1416	1.3	1.5
1418	1.3	0.5
2209	1.2	0.5
2207	1.2	1.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-34.19	cedime~1	Cent	-64.0	-102.9	-49.1	-30.6	-136.3
-30.25		1416	-89.6	-145.2	-49.1	-60.9	-173.8
-53.19		1418	-89.6	-60.7	-49.1	-23.9	-126.3
-38.60		2209	-38.4	-60.7	-49.1	0.9	-99.9
-21.31		2207	-38.4	-145.2	-49.1	-19.2	-164.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.99	Cent	4479.2	1634.2	-4373.9	7656.0	-1542.7
-42.83	1416	1958.2	1187.2	-5089.8	6677.0	-3531.7
-26.72	1418	3340.4	-1361.9	-3171.2	4937.0	-2958.5
-29.26	2209	8234.3	3958.6	-3492.5	10191.3	2001.6
-40.71	2207	4383.8	2752.7	-5411.0	9040.4	-1903.9

NODE	Vxx	Vyy
Cent	-2.8	-4.3
1416	-1.9	-1.7
1418	-1.9	-6.9
2209	-3.7	-6.9
2207	-3.7	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	31.2	-224.3	-1594.8	1503.3	-1696.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.71							
	1416	-78.5	-374.0	-1594.8	1375.4	-1827.9	
-42.35							
	1418	-78.5	-74.6	-1594.8	1518.2	-1671.4	
-45.04							
	2209	140.9	-74.6	-1594.8	1631.6	-1565.3	
-43.07							
	2207	140.9	-374.0	-1594.8	1498.9	-1732.0	
-40.41							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-7013.8	-2977.7	4804.3	215.1	-10206.7
56.39	1416	-16277.5	-12985.8	3254.3	-10984.9	-18278.4
58.41	1418	690.8	2788.2	3713.2	5597.9	-2118.9
52.89	2209	1003.9	3457.6	6148.2	8500.1	-4038.7
50.64	2207	-13472.4	-5170.9	5689.3	-2279.2	-16364.2
63.06						

	NODE	Vxx	Vyy
	Cent	-13.7	-6.3
	1416	-14.2	-11.6
	1418	-14.2	-1.0
	2209	-13.1	-1.0
	2207	-13.1	-11.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~1	Max	Cent	147.1	-201.4	-1554.9	4036.2	-1591.8
-42.86			1416	-6.3	-345.5	-1554.9	3724.3	-1740.1
-42.55			1418	-6.3	-51.6	-1554.9	4063.9	-1584.1
-44.85			2209	395.4	-51.6	-1554.9	4277.4	-1399.0
-43.45			2207	395.4	-345.5	-1554.9	3954.3	-1573.5
-41.22		Min	Cent	-122.8	-823.7	-4462.7	1505.1	-4949.7
-41.56			1416	-416.3	-1229.5	-4462.7	1322.9	-5304.2
-41.49			1418	-416.3	-433.5	-4462.7	1500.0	-4887.7
-44.85			2209	49.8	-433.5	-4462.7	1742.8	-4661.1
-40.91			2207	49.8	-1229.5	-4462.7	1592.3	-5098.2
-37.60								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	8237.0	-494.9	13468.4	14600.7	-6217.1
38.84			1416	-12342.0	-11202.5	10107.9	-3192.0	-16822.7
47.70			1418	14150.3	10723.0	10433.6	21200.1	4108.7
44.88								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

33.22			2209	33340.7	21870.8	16641.7	41951.2	13260.3
48.47			2207	-692.3	1586.7	16042.2	13039.9	-10244.9
-86.05		Min	Cent	-20013.1	-11419.2	-4970.2	-11378.1	-20054.3
-57.37			1416	-42901.2	-39039.0	-9279.4	-36356.9	-48804.7
11.24			1418	-2334.6	-7677.1	-2347.6	-2170.9	-8271.2
65.98			2209	-5889.1	-156.6	-304.4	1264.2	-7310.0
-84.92			2207	-36356.2	-16309.3	-7207.8	-16149.5	-36516.0

		NODE	Vxx	Vyy
Max	Cent		-9.9	-1.8
		1416	-11.5	-9.0
		1418	-11.5	7.1
		2209	-8.2	7.1
		2207	-8.2	-9.0
Min	Cent		-44.8	-35.6
		1416	-42.8	-41.4
		1418	-42.8	-34.9
		2209	-47.6	-34.9
		2207	-47.6	-41.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-43.11	INV TO~2	Max	Cent	147.1	-201.4	-1554.9	7448.2	-1591.8
-42.80			1416	-6.3	-345.5	-1554.9	6795.4	-1740.1
-45.49			1418	-6.3	-51.6	-1554.9	7520.5	-1584.1
-43.43			2209	585.8	-51.6	-1554.9	8102.1	-1399.0
-40.76			2207	585.8	-345.5	-1554.9	7430.3	-1573.5
-41.56		Min	Cent	-122.8	-1031.7	-7939.4	1505.1	-8465.0
-41.49			1416	-555.9	-1779.1	-7939.4	1322.9	-9130.5
-44.85			1418	-555.9	-433.5	-7939.4	1500.0	-8360.7
-40.91			2209	49.8	-433.5	-7939.4	1742.8	-7800.6
-37.60			2207	49.8	-1779.1	-7939.4	1592.3	-8623.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.84		Max	Cent	8237.0	-494.9	21641.3	14600.7	-6217.1
47.70			1416	-12342.0	-11202.5	14602.4	-3192.0	-16822.7
44.88			1418	14150.3	10723.0	16097.0	21200.1	4108.7
33.22			2209	33340.7	21870.8	27651.1	41951.2	13260.3
48.47			2207	-692.3	1586.7	26156.6	13039.9	-10244.9
		Min	Cent	-32139.4	-19462.7	-4970.2	-11378.1	-48351.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.05							
		1416	-73147.7	-67995.6	-9279.4	-55743.7	-85399.6
50.00							
		1418	-2334.6	-7677.1	-2347.6	-2170.9	-11968.2
11.24							
		2209	-5889.1	-156.6	-304.4	1264.2	-21017.8
65.98							
		2207	-60082.9	-27694.7	-7207.8	-16149.5	-74652.7
-84.92							

	NODE	Vxx	Vyy
Max	Cent	-9.9	-1.8
	1416	-11.5	-9.0
	1418	-11.5	7.1
	2209	-8.2	7.1
	2207	-8.2	-9.0
Min	Cent	-59.3	-35.6
	1416	-62.0	-60.1
	1418	-62.0	-34.9
	2209	-56.5	-34.9
	2207	-56.5	-60.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1860	1	2	c mob-a	Max	Cent	24.6	29.8	1464.4	1491.6	-1437.1
45.05					1417	20.9	20.1	1464.4	1484.9	-1443.8
44.99					1415	20.9	39.6	1464.4	1494.7	-1434.1
45.18					2206	76.7	39.6	1464.4	1522.6	-1406.3
44.64					2208	76.7	20.1	1464.4	1513.0	-1416.2
44.45				Min	Cent	-273.3	-765.5	-22.0	-272.3	-766.4
-2.56					1417	-475.2	-567.7	-22.0	-470.3	-572.7
-12.74					1415	-475.2	-980.9	-22.0	-474.3	-981.9
-2.49					2206	-118.6	-980.9	-22.0	-118.0	-981.5
-1.46					2208	-118.6	-567.7	-22.0	-117.5	-568.8
-2.80										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	4777.0	906.3	10035.7	13062.3	-7379.0
39.54					1417	1764.0	529.9	9550.8	10717.7	-8423.8
43.15					1415	8102.2	10047.9	7615.2	16752.1	1397.9
48.64					2206	10029.8	1440.2	8966.2	15676.8	-4206.7
32.20					2208	4883.4	2306.5	10856.7	14527.8	-7337.8
41.62				Min	Cent	-15704.3	-7715.5	-1495.9	-7444.5	-15975.2
-79.73					1417	-13191.4	-11192.2	-1721.7	-10201.0	-14182.6
-60.07					1415	-16331.8	-5909.3	-965.5	-5820.6	-16420.5
-84.75										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.93	2206	-33119.3	-14326.0	-1011.0	-14271.8	-33173.6
-53.78	2208	-6612.5	-5415.6	-1891.4	-4030.2	-7997.8

	NODE	Vxx	Vyy
Max	Cent	20.3	12.3
	1417	9.8	1.9
	1415	9.8	29.4
	2206	31.8	29.4
Min	2208	31.8	1.9
	Cent	-8.5	-3.9
	1417	-7.5	-11.2
	1415	-7.5	-4.5
	2206	-10.3	-4.5
	2208	-10.3	-11.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.96	c mob-b	Max	Cent	21.1	16.9	1421.2	1440.1	-1402.2
44.96			1417	19.0	14.6	1421.2	1438.0	-1404.4
45.03			1415	19.0	22.4	1421.2	1441.9	-1400.5
44.58			2206	64.0	22.4	1421.2	1464.5	-1378.2
44.50			2208	64.0	14.6	1421.2	1460.7	-1382.1
-2.66		Min	Cent	-313.0	-708.9	-18.4	-312.2	-709.7
-27.17			1417	-484.8	-511.3	-18.4	-475.4	-520.8
-2.50			1415	-484.8	-906.6	-18.4	-484.0	-907.4
-1.38			2206	-139.4	-906.6	-18.4	-139.0	-907.0
-2.83			2208	-139.4	-511.3	-18.4	-138.5	-512.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
35.54	Max	Cent	6098.2	1052.0	7362.0	11357.5	-4207.3	
40.25		1417	2631.9	321.1	6901.0	8473.6	-5520.6	
38.81		1415	10144.3	7436.5	6166.5	15103.8	2477.0	
30.99		2206	8562.7	938.9	7160.8	12863.0	-3361.3	
39.58		2208	4180.5	1277.1	7582.4	10449.0	-4991.3	
-80.59		Min	Cent	-13705.7	-7515.8	-1054.8	-7341.0	-13880.5
-59.32			1417	-12042.9	-10692.0	-1236.9	-9958.1	-12776.8
-86.05			1415	-14724.3	-6124.4	-596.8	-6083.2	-14765.5
-86.18			2206	-23076.8	-13032.4	-674.3	-12987.3	-23121.8
-53.52			2208	-6087.9	-5246.5	-1371.8	-4232.3	-7102.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	12.5	10.5
	1417	7.8	1.6
	1415	7.8	25.4
	2206	19.5	25.4
	2208	19.5	1.6
Min	Cent	-7.1	-3.8
	1417	-8.2	-9.9
	1415	-8.2	-4.1
	2206	-7.8	-4.1
	2208	-7.8	-9.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
40.31	pp	Cent	-648.6	-1978.8	4030.0	2770.8	-5398.2
44.33		1417	-1247.4	-1435.2	4030.0	2689.8	-5372.3
40.51		1415	-1247.4	-2522.5	4030.0	2195.1	-5965.0
36.47		2206	-49.7	-2522.5	4030.0	2929.2	-5501.5
40.12		2208	-49.7	-1435.2	4030.0	3346.6	-4831.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.47	Cent	-29313.7	-15296.6	20418.1	-717.7	-43892.7
46.87	1417	-28667.6	-26328.4	17937.7	-9522.2	-45473.8
68.15	1415	-26067.2	10216.5	17342.0	17171.9	-33022.6
56.36	2206	-52420.2	-35685.2	19983.4	-22388.2	-65717.2
45.49	2208	-10099.9	-9389.3	20579.1	10837.6	-30326.8

	NODE	Vxx	Vyy
	Cent	23.2	21.8
	1417	5.2	-21.1
	1415	5.2	64.8
	2206	41.2	64.8
	2208	41.2	-21.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
40.00	vento -y	Cent	38.6	25.7	36.8	69.5	-5.2
35.24		1417	42.3	16.2	36.8	68.2	-9.8
42.24		1415	42.3	35.2	36.8	75.7	1.8
45.06		2206	35.0	35.2	36.8	71.9	-1.7
37.82		2208	35.0	16.2	36.8	63.6	-12.4

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

-65.53	Cent	-3021.5	-1462.8	-894.8	-1055.5	-3428.8	
-35.07	1417	-520.9	-1155.2	-877.9	95.4	-1771.4	
-78.15	1415	-6390.8	-3704.0	-589.8	-3580.2	-6514.5	
-78.10	2206	-4450.9	-869.3	-789.6	-702.9	-4617.3	
-52.79	2208	-723.6	-122.6	-1077.7	695.7	-1541.9	

NODE Vxx Vyy

Cent	5.0	-2.8
1417	6.0	-1.7
1415	6.0	-3.9
2206	4.0	-3.9
2208	4.0	-1.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.22	cedime~1	Cent	55.5	41.2	259.8	308.2	-211.5
43.78		1417	40.5	18.3	259.8	289.4	-230.6
46.31		1415	40.5	64.2	259.8	312.4	-207.7
44.65		2206	70.5	64.2	259.8	327.2	-192.4
42.13		2208	70.5	18.3	259.8	305.5	-216.7

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-49.59	Cent	-5947.5	-4973.4	-3016.6	-2404.8	-8516.1	
-31.80	1417	-2236.1	-5437.3	-3225.2	-236.2	-7437.2	
-59.79	1415	-12818.1	-10489.2	-2051.4	-9294.8	-14012.4	
-64.45	2206	-5867.7	-2000.7	-2395.4	-855.8	-7012.6	
-48.60	2208	-2868.0	-1966.3	-3569.3	1180.5	-6014.8	

NODE Vxx Vyy

Cent	7.0	-8.5
1417	10.6	-5.7
1415	10.6	-11.3
2206	3.3	-11.3
2208	3.3	-5.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
41.63	perm	Cent	-228.0	-474.8	1045.8	701.6	-1404.4
		1417	-392.3	-350.1	1045.8	674.8	-1417.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.58			1415	-392.3	-599.6	1045.8	555.0	-1546.8
42.17			2206	-63.7	-599.6	1045.8	747.9	-1411.2
37.81			2208	-63.7	-350.1	1045.8	848.6	-1262.4
41.10								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

-----			Cent	-4846.6	-3763.4	5707.3	1427.9	-10037.9
47.71			1417	-5364.0	-6881.6	5171.9	-895.6	-11350.0
40.83			1415	-3443.6	2079.7	4968.1	5002.2	-6366.0
59.53			2206	-9707.8	-8328.6	5540.0	-3435.4	-14601.0
48.55			2208	-871.2	-1923.1	5743.8	4370.6	-7165.0
42.38								

			NODE	Vxx	Vyy
-----			Cent	4.1	4.1
			1417	-0.1	-6.5
			1415	-0.1	14.6
			2206	8.4	14.6
			2208	8.4	-6.5

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

-----			Cent	-139.2	-393.4	3282.4	3018.6	-2182.2
43.89	INV TO~1	Max	1417	-323.5	-304.7	3282.4	2968.3	-2098.3
45.08			1415	-323.5	-481.9	3282.4	2880.7	-2591.9
44.31			2206	110.2	-481.9	3282.4	3109.9	-2403.6
42.42			2208	110.2	-304.7	3282.4	3191.8	-1788.4
43.19			Cent	-650.6	-1508.2	1016.0	23.4	-3551.2
33.56		Min	1417	-1046.8	-1116.6	1016.0	-65.1	-3596.5
44.02			1415	-1046.8	-1923.8	1016.0	-378.7	-3686.1
33.33			2206	-252.0	-1923.8	1016.0	227.8	-3481.5
25.28			2208	-252.0	-1116.6	1016.0	419.9	-3386.2
33.48								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

-----			Cent	3385.9	-2343.2	19255.5	19988.7	-18946.0
40.77		Max	1417	-1811.0	-6166.2	18065.5	14207.7	-22184.9
41.56			1415	10251.3	15644.4	15248.7	28433.1	-2537.4
50.01			2206	3832.5	-6384.2	17644.4	17093.1	-19644.8
36.93								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

41.83			2208	5721.4	1190.7	20400.2	23981.7	-12718.9
87.02	Min	Cent		-31994.9	-19152.6	671.1	-19117.6	-32029.9
-10.25			1417	-25408.5	-27428.3	-377.6	-25340.2	-27496.6
85.76			1415	-38309.6	-16677.4	1613.4	-16557.7	-38429.2
86.68			2206	-60286.6	-29669.3	1779.8	-29566.2	-60389.7
-76.33			2208	-12666.1	-11200.4	-378.9	-11108.3	-17069.6

	NODE	Vxx	Vyy
Max	Cent	38.5	20.6
	1417	23.7	-3.9
	1415	23.7	54.3
	2206	54.7	54.3
	2208	54.7	-3.9
Min	Cent	-7.4	-9.7
	1417	-11.3	-27.3
	1415	-11.3	-2.8
	2206	-5.5	-2.8
	2208	-5.5	-27.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
40.31	INV TO~2	Max	Cent	-139.2	-393.4	5440.4	3740.5	-2182.2
44.33			1417	-323.5	-304.7	5440.4	3631.2	-2098.3
40.51			1415	-323.5	-481.9	5440.4	2963.4	-2591.9
36.47			2206	110.2	-481.9	5440.4	3954.5	-2403.6
40.12			2208	110.2	-304.7	5440.4	4517.9	-1788.4
33.56		Min	Cent	-875.6	-2671.4	1016.0	23.4	-7287.5
44.02			1417	-1684.0	-1937.5	1016.0	-65.1	-7252.7
33.33			1415	-1684.0	-3405.4	1016.0	-378.7	-8052.8
25.28			2206	-252.0	-3405.4	1016.0	227.8	-7427.0
33.48			2208	-252.0	-1937.5	1016.0	419.9	-6522.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
40.77	Max	Cent	3385.9	-2343.2	27564.5	19988.7	-18946.0	
41.56		1417	-1811.0	-6166.2	24216.0	14207.7	-22184.9	
50.01		1415	10251.3	15644.4	23411.7	28433.1	-2537.4	
36.93		2206	3832.5	-6384.2	26977.6	17093.1	-19644.8	
41.83		2208	5721.4	1190.7	27781.8	23981.7	-12718.9	
87.02		Min	Cent	-39573.5	-20650.4	671.1	-19117.6	-59255.1
			1417	-38701.3	-35543.3	-377.6	-25340.2	-61389.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-10.25							
	1415	-38309.6	-16677.4	1613.4	-16557.7	-44580.5	
85.76							
	2206	-70767.2	-48175.1	1779.8	-30224.1	-88718.2	
56.36							
	2208	-13634.9	-12675.5	-378.9	-11108.3	-40941.1	
-76.33							

	NODE	Vxx	Vyy
Max	Cent	38.5	29.5
	1417	23.7	-3.9
	1415	23.7	87.5
	2206	55.6	87.5
	2208	55.6	-3.9
Min	Cent	-7.4	-9.7
	1417	-11.3	-28.5
	1415	-11.3	-2.8
	2206	-5.5	-2.8
	2208	-5.5	-28.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1861	1	2	c mob-a	Max	Cent	21.9	16.7	1722.1	1741.4	-1702.8
44.96					1419	16.0	18.3	1722.1	1739.2	-1704.9
45.02					1417	16.0	20.5	1722.1	1740.3	-1703.8
45.04					2208	57.3	20.5	1722.1	1761.1	-1683.2
44.69					2210	57.3	18.3	1722.1	1760.0	-1684.4
44.68				Min	Cent	-217.1	-369.8	-26.3	-212.7	-374.3
-9.51					1419	-371.0	-198.2	-26.3	-194.3	-374.9
-81.52					1417	-371.0	-564.0	-26.3	-367.4	-567.5
-7.63					2208	-96.3	-564.0	-26.3	-94.8	-565.5
-3.21					2210	-96.3	-198.2	-26.3	-89.9	-204.6
-13.67										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	5037.4	772.1	7449.1	10653.1	-4843.7
	1419	4165.4	2909.9	6465.0	10033.0	-2957.7
	1417	2433.4	525.1	8727.0	10258.2	-7299.7
	2208	5028.1	2247.0	8164.5	11919.6	-4644.5
	2210	11309.3	6181.5	5997.2	15267.7	2223.1
Min	Cent	-5123.4	-4509.0	-1121.3	-3653.5	-5978.8
	1419	-2264.8	-5463.5	-710.1	-2114.2	-5614.1
	1417	-10195.7	-10551.6	-1408.2	-8954.3	-11793.0
	2208	-8274.7	-5750.6	-1491.6	-5058.8	-8966.5

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	Company		Client	
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Max	Cent	8.7	2.3
	1419	8.6	3.6
Min	1417	8.6	1.6
	2208	9.3	1.6
	2210	9.3	3.6
	Cent	-4.1	-8.5
	1419	-3.8	-7.0
	1417	-3.8	-9.9
	2208	-4.1	-9.9
	2210	-4.1	-7.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.26	pp	Cent	-559.8	-804.2	4747.3	4066.9	-5430.9
47.63		1419	-1065.9	-191.0	4747.3	4139.0	-5395.9
43.94		1417	-1065.9	-1417.4	4747.3	3508.9	-5992.3
40.91		2208	-53.7	-1417.4	4747.3	4060.5	-5531.6
44.59		2210	-53.7	-191.0	4747.3	4625.5	-4870.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.64	Cent	-7258.3	-8687.7	15006.0	7050.0	-22996.0
41.10	1419	894.8	-3425.3	15749.1	14631.3	-17161.7
42.07	1417	-21111.1	-24817.1	18026.0	-4843.0	-41085.1
49.48	2208	-14886.8	-10346.7	14398.5	1959.6	-27193.1
42.37	2210	6069.7	3838.3	12121.6	17126.8	-7218.8

NODE	Vxx	Vyy
Cent	18.4	-15.5
1419	18.2	-9.9
1417	18.2	-21.1
2208	18.6	-21.1
2210	18.6	-9.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.40	vento -y	Cent	35.5	10.4	26.7	52.5	-6.5
27.98		1419	41.3	5.3	26.7	55.5	-8.9
32.12		1417	41.3	15.6	26.7	58.1	-1.2
37.56		2208	29.7	15.6	26.7	50.2	-5.0
32.69		2210	29.7	5.3	26.7	46.9	-11.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-45.30          Cent      -71.6      -52.6      -912.0      849.9      -974.2
-36.32          1419      784.5      293.7      -784.7      1361.3      -283.1
-42.06          1417     -1113.4    -1273.7    -777.7      -411.7      -1975.4
-55.13          2208     -926.6     -163.2    -1033.7      557.1      -1646.9
-44.50          2210      969.1      932.6     -1040.7     1991.7      -90.0
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      1.7      -1.3
          1419      1.6      -1.0
          1417      1.6      -1.7
          2208      1.7      -1.7
          2210      1.7      -1.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1
42.54          Cent      61.0      19.0      243.8      284.7      -204.7
42.61          1419      59.4      18.7      243.8      283.7      -205.6
42.65          1417      59.4      19.4      243.8      284.0      -205.2
42.47          2208      62.6      19.4      243.8      285.8      -203.8
42.43          2210      62.6      18.7      243.8      285.4      -204.1
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent     -1764.1   -2393.5   -3021.0    958.5   -5116.1
-42.03          1419     -101.9   -1562.6   -2583.2   1852.3   -3516.7
-37.11          1417    -3625.7   -5715.2   -2776.1  -1704.3   -7636.6
-34.69          2208    -3066.5   -2006.0   -3394.8    899.7   -5972.3
-49.44          2210     -262.0    -290.3   -3202.0   2925.9   -3478.2
-44.87
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      2.7      -3.9
          1419      2.8      -2.1
          1417      2.8      -5.7
          2208      2.5      -5.7
          2210      2.5      -2.1
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm
44.94          Cent     -183.2   -188.5    1219.4    1033.5   -1405.3
48.28          1419    -316.4    -35.9    1219.4    1051.3   -1403.6
          1417    -316.4   -341.2    1219.4     890.7   -1548.3
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.71		2208	-50.1	-341.2	1219.4	1032.5	-1423.7
41.60		2210	-50.1	-35.9	1219.4	1176.4	-1262.5
45.17							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.33		Cent	-966.0	-2462.8	4546.8	2893.6	-6322.4
38.50		1419	188.8	-1989.7	4719.1	3942.7	-5743.6
37.16		1417	-3603.6	-6529.5	5212.5	347.3	-10480.5
44.61		2208	-2037.5	-2156.3	4400.9	2304.4	-6498.3
42.21		2210	1588.5	824.6	3907.5	5132.7	-2719.6

		NODE	Vxx	Vyy
		Cent	3.0	-5.3
		1419	3.0	-4.0
		1417	3.0	-6.5
		2208	3.1	-6.5
		2210	3.1	-4.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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44.79	INV TO~1	Max	Cent	-92.6	-146.9	3788.0	3668.3	-1786.0
45.92			1419	-235.4	7.5	3788.0	3676.0	-1776.1
44.78			1417	-235.4	-294.1	3788.0	3523.4	-2155.5
43.55			2208	89.9	-294.1	3788.0	3690.8	-1919.2
44.69			2210	89.9	7.5	3788.0	3836.9	-1438.2
42.85		Min	Cent	-509.7	-687.8	1183.9	588.5	-3907.9
51.20			1419	-824.4	-303.5	1183.9	648.2	-3903.9
41.65			1417	-824.4	-1102.5	1183.9	228.5	-4052.9
34.60			2208	-203.0	-1102.5	1183.9	613.6	-3894.9
43.79			2210	-203.0	-303.5	1183.9	931.7	-3739.5

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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38.02		Max	Cent	5834.5	-1420.4	14603.1	17254.0	-10943.5
40.90			1419	5812.1	1938.6	13446.8	17460.9	-8143.0
39.44			1417	856.6	-5820.6	16993.9	14836.7	-19800.8
41.42			2208	4750.4	877.1	15423.0	18357.9	-11832.7
36.12			2210	16856.0	9169.6	12003.8	25616.8	3126.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.54	Min	Cent	-9646.6	-10943.4	12.1	-9646.5	-12839.9
8.24		1419	-2970.6	-10928.0	1177.1	-2800.1	-11098.5
5.51		1417	-20993.6	-26489.3	535.4	-20941.9	-26541.0
-77.57		2208	-16274.9	-11925.8	-1007.5	-11703.7	-16497.0
-76.15		2210	-4830.6	-3201.6	-427.8	-3096.1	-6635.3

		NODE	Vxx	Vyy
Max	Cent		22.7	-0.7
	1419		20.6	2.8
	1417		20.6	-3.9
	2208		24.9	-3.9
	2210		24.9	2.8
Min	Cent		-2.5	-25.6
	1419		-2.2	-24.8
	1417		-2.2	-27.3
	2208		-3.4	-27.3
	2210		-3.4	-24.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.26	INV TO~2	Max	Cent	-92.6	-146.9	6408.9	5490.3	-1786.0
47.63			1419	-235.4	7.5	6408.9	5587.6	-1776.1
43.94			1417	-235.4	-294.1	6408.9	4737.1	-2155.5
40.91			2208	89.9	-294.1	6408.9	5481.7	-1919.2
44.59			2210	89.9	7.5	6408.9	6244.4	-1438.2
42.85		Min	Cent	-755.7	-1085.7	1183.9	588.5	-7331.8
51.20			1419	-1439.0	-303.5	1183.9	648.2	-7284.5
41.65			1417	-1439.0	-1913.5	1183.9	228.5	-8089.6
34.60			2208	-203.0	-1913.5	1183.9	613.6	-7467.7
43.79			2210	-203.0	-303.5	1183.9	931.7	-6574.8

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.02		Max	Cent	5834.5	-1420.4	20258.0	17254.0	-10943.5
41.10			1419	5812.1	1938.6	21261.2	19752.2	-8143.0
39.44			1417	856.6	-5820.6	24335.1	14836.7	-19800.8
41.42			2208	4750.4	877.1	19438.0	18357.9	-11832.7
36.12			2210	16856.0	9169.6	16364.1	25616.8	3126.7
0.54		Min	Cent	-9798.7	-11728.3	12.1	-9646.5	-31044.5
8.24			1419	-2970.6	-10928.0	1177.1	-2800.1	-23168.3
			1417	-28499.9	-33503.0	535.4	-20941.9	-55464.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5.51							
-77.57	2208	-20097.2	-13968.0	-1007.5	-11703.7	-36710.7	
-76.15	2210	-4830.6	-3201.6	-427.8	-3096.1	-9745.3	

	NODE	Vxx	Vyy
Max	Cent	24.9	-0.7
	1419	24.6	2.8
	1417	24.6	-3.9
	2208	25.2	-3.9
	2210	25.2	2.8
Min	Cent	-2.5	-25.6
	1419	-2.2	-24.8
	1417	-2.2	-28.5
	2208	-3.4	-28.5
	2210	-3.4	-24.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2093	2	12	c mob-a	Max	Cent	0.3	8.3	27.1	31.8	-23.1
49.21					2566	0.8	50.9	27.1	62.8	-11.1
66.37					2309	0.8	112.5	27.1	118.7	-5.4
77.04					1712	0.4	112.5	27.1	118.7	-5.8
77.08					1709	0.4	50.9	27.1	62.8	-11.4
66.47				Min	Cent	-11.3	-97.4	-1.5	-11.3	-97.4
-1.00					2566	-8.1	-132.2	-1.5	-8.1	-132.2
-0.69					2309	-8.1	-181.1	-1.5	-8.1	-181.1
-0.50					1712	-15.0	-181.1	-1.5	-14.9	-181.1
-0.52					1709	-15.0	-132.2	-1.5	-14.9	-132.2
-0.73										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	1.6	1.1	4.4	5.8	-3.1
	2566	3.6	8.4	3.8	10.5	1.5
	2309	5.5	14.6	3.8	16.0	4.1
	1712	2.8	6.7	3.9	9.1	0.4
	1709	1.6	2.1	3.9	5.8	-2.0
Min	Cent	-0.5	-1.2	-4.1	3.3	-5.0
	2566	-0.4	-1.2	-3.4	2.7	-4.2
	2309	-2.9	-7.5	-3.3	-1.1	-9.3
	1712	-2.2	-13.1	-3.6	-1.1	-14.2
	1709	-4.6	-8.6	-3.7	-2.4	-10.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2566	0.0	0.0
	2309	0.0	0.0
	1712	0.0	0.0
	1709	0.0	0.0
Min	Cent	-0.0	-0.0
	2566	-0.0	-0.0
	2309	-0.0	-0.0
	1712	-0.0	-0.0
	1709	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.98	c mob-b	Max	Cent	1.4	15.2	49.4	58.2	-41.6
54.32			2566	1.4	34.7	49.4	70.2	-34.1
77.81			2309	1.4	219.5	49.4	230.2	-9.3
77.79			1712	1.9	219.5	49.4	230.2	-8.8
54.18			1709	1.9	34.7	49.4	70.4	-33.8
-1.07		Min	Cent	-21.8	-177.8	-2.9	-21.7	-177.9
-0.62			2566	-15.5	-285.5	-2.9	-15.5	-285.5
-0.79			2309	-15.5	-228.8	-2.9	-15.5	-228.8
-0.84			1712	-28.5	-228.8	-2.9	-28.4	-228.8
-0.65			1709	-28.5	-285.5	-2.9	-28.5	-285.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
44.81	Max	Cent	1.8	1.8	5.0	6.8	-3.2	
73.67		2566	3.8	18.4	4.7	19.7	2.5	
66.36		2309	4.8	13.1	4.5	15.1	2.8	
45.95		1712	5.7	5.9	4.2	10.0	1.6	
55.26		1709	3.3	6.6	4.4	9.6	0.2	
-41.02		Min	Cent	-1.1	-3.0	-6.6	4.6	-8.7
-23.45			2566	-0.5	-10.2	-5.1	1.7	-12.4
-25.42			2309	-2.5	-10.5	-4.9	-0.2	-12.8
-24.88			1712	-2.2	-12.5	-6.1	0.6	-15.3
-27.38			1709	-8.8	-17.7	-6.3	-5.5	-21.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2566	0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	2309	0.0	0.0
	1712	0.0	0.0
	1709	0.0	0.0
Min	Cent	-0.0	-0.0
	2566	-0.0	-0.0
	2309	-0.0	-0.0
	1712	-0.0	-0.0
	1709	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

21.63	pp	Cent	-4.9	-32.5	13.0	0.2	-37.7
3.83		2566	-5.8	-198.7	13.0	-4.9	-199.6
84.73		2309	-5.8	133.7	13.0	134.9	-7.0
84.67		1712	-4.1	133.7	13.0	134.9	-5.3
3.80		1709	-4.1	-198.7	13.0	-3.2	-199.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

44.24	Cent	-0.1	-0.1	1.1	1.0	-1.3
80.85	2566	1.7	12.0	1.7	12.3	1.5
75.89	2309	4.7	11.5	1.8	11.9	4.2
2.85	1712	-0.2	-12.2	0.6	-0.1	-12.2
5.21	1709	-6.6	-11.9	0.5	-6.6	-11.9

NODE	Vxx	Vyy

Cent	-0.0	0.0
2566	-0.0	0.0
2309	-0.0	0.0
1712	-0.0	0.0
1709	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-81.28	vento -y	Cent	-0.0	0.4	-0.1	0.4	-0.0
-1.12		2566	-0.1	-3.4	-0.1	-0.1	-3.4
-89.14		2309	-0.1	4.2	-0.1	4.2	-0.1
-89.10		1712	0.1	4.2	-0.1	4.2	0.1
-1.06		1709	0.1	-3.4	-0.1	0.1	-3.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	0.0	-0.0	0.3	0.3	-0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.40							
	2566	-0.0	0.0	0.2	0.2	-0.2	
46.24							
	2309	0.2	0.8	0.2	0.9	0.2	
69.72							
	1712	-0.2	-0.8	0.2	-0.1	-0.9	
17.43							
	1709	-0.1	-0.0	0.2	0.2	-0.3	
46.85							

NODE	Vxx	Vyy
Cent	-0.0	0.0
2566	-0.0	0.0
2309	-0.0	0.0
1712	-0.0	0.0
1709	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	0.7	10.5	-1.6	10.7	0.4
-80.81		2566	-1.3	-68.4	-1.6	-1.3	-68.5
-1.39		2309	-1.3	89.3	-1.6	89.4	-1.3
-88.97		1712	2.7	89.3	-1.6	89.4	2.6
-88.93		1709	2.7	-68.4	-1.6	2.7	-68.5
-1.31							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.4	-0.3	0.0	-0.2	-0.4
79.69	2566	-0.4	0.8	0.1	0.8	-0.4
83.60	2309	1.1	1.8	-0.0	1.8	1.1
-87.73	1712	-1.2	-2.2	-0.2	-1.2	-2.2
-8.12	1709	-1.3	-1.4	0.0	-1.3	-1.4
18.96						

NODE	Vxx	Vyy
Cent	-0.0	0.0
2566	-0.0	0.0
2309	-0.0	0.0
1712	-0.0	0.0
1709	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-2.0	-10.3	5.8	1.0	-13.3
27.22		2566	-2.5	-118.8	5.8	-2.2	-119.1
2.86		2309	-2.5	98.2	5.8	98.5	-2.8
86.69		1712	-1.5	98.2	5.8	98.5	-1.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.66							
2.84		1709	-1.5	-118.8	5.8	-1.2	-119.1
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-0.1	0.2	-0.4	0.5	-0.4
-52.60		2566	1.3	8.0	0.1	8.0	1.3
89.30		2309	2.3	5.2	0.1	5.2	2.3
87.89		1712	0.2	-5.2	-0.7	0.3	-5.3
-6.76		1709	-4.1	-7.3	-0.7	-3.9	-7.4
-11.43							
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		2566	-0.0	0.0			
		2309	-0.0	0.0			
		1712	-0.0	0.0			
		1709	-0.0	0.0			

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~1	Max	Cent	0.5	20.7	72.6	82.2	-61.0
49.04			2566	-0.7	-50.0	72.6	51.3	-102.0
35.60			2309	-0.7	483.9	72.6	494.0	-12.1
81.86			1712	3.8	483.9	72.6	494.2	-6.5
81.77			1709	3.8	-50.0	72.6	52.5	-101.4
35.29		Min	Cent	-31.4	-250.3	0.3	-31.3	-250.4
0.49			2566	-24.8	-572.6	0.3	-24.8	-572.6
0.03			2309	-24.8	-210.7	0.3	-24.8	-210.7
0.15			1712	-39.9	-210.7	0.3	-39.9	-210.7
0.63			1709	-39.9	-572.6	0.3	-39.9	-572.6
0.23								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	2.4	2.6	6.3	8.8	-3.8
45.30			2566	6.5	33.6	6.5	35.1	5.1
77.33			2309	10.8	26.7	6.2	28.8	8.7
71.16			1712	7.9	3.9	5.0	11.3	0.4
34.22			1709	0.4	1.6	5.3	6.2	-4.3
48.28		Min	Cent	-2.0	-4.1	-9.3	6.3	-12.3
-41.81								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-34.52	2566	0.3	-5.7	-6.9	4.9	-10.1
-30.15	2309	-1.6	-9.0	-6.5	2.2	-12.8
-20.19	1712	-3.9	-25.1	-9.0	-0.6	-28.4
-25.14	1709	-17.3	-32.6	-9.2	-12.9	-36.9

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.1
	2566	0.0	0.1
	2309	0.0	0.1
	1712	-0.0	0.1
	1709	-0.0	0.1
Min	Cent	-0.0	-0.0
	2566	-0.0	-0.0
	2309	-0.0	-0.0
	1712	-0.0	-0.0
	1709	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
49.04	INV TO~2	Max	Cent	0.5	20.7	72.6	82.2	-50.8
35.60			2566	-0.7	-50.0	72.6	51.3	-102.0
81.86			2309	-0.7	483.9	72.6	494.0	-9.4
81.77			1712	3.8	483.9	72.6	494.2	-6.5
35.29			1709	3.8	-50.0	72.6	52.5	-101.4
0.49		Min	Cent	-31.4	-250.3	0.3	-31.3	-250.4
0.03			2566	-24.8	-572.6	0.3	-24.8	-572.6
0.15			2309	-24.8	-210.7	0.3	-24.8	-210.7
0.63			1712	-39.9	-210.7	0.3	-39.9	-210.7
0.23			1709	-39.9	-572.6	0.3	-39.9	-572.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.30	Max	Cent	2.4	2.6	6.3	8.8	-1.7
77.33		2566	6.5	33.6	6.5	35.1	5.1
71.16		2309	10.8	26.7	6.2	28.8	8.7
34.22		1712	7.9	3.9	5.0	11.3	0.4
48.28		1709	0.4	1.6	5.3	6.2	-4.3
44.24	Min	Cent	-2.0	-4.1	-9.3	1.4	-12.3
-34.52		2566	0.3	-5.7	-6.9	4.9	-10.1
-30.15		2309	-1.6	-9.0	-6.5	2.2	-12.8
		1712	-3.9	-25.1	-9.0	-0.6	-28.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.19
-25.14

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.1
	2566	0.0	0.1
	2309	0.0	0.1
	1712	-0.0	0.1
	1709	-0.0	0.1
Min	Cent	-0.0	-0.0
	2566	-0.0	-0.0
	2309	-0.0	-0.0
	1712	-0.0	-0.0
	1709	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2113	2	12	c mob-a	Max	Cent	10.4	112.3	107.0	179.9	-57.2
57.73					2410	10.0	66.1	107.0	148.6	-72.6
52.34					2289	10.0	251.9	107.0	292.4	-30.6
69.25					1552	11.6	251.9	107.0	292.7	-29.1
69.15					1551	11.6	66.1	107.0	149.3	-71.6
52.13				Min	Cent	-59.2	-568.0	-23.0	-58.1	-569.0
-2.58					2410	-29.5	-29.2	-23.0	-6.4	-52.4
-45.19					2289	-29.5	-1177.4	-23.0	-29.1	-1177.9
-1.15					1552	-89.3	-1177.4	-23.0	-88.9	-1177.9
-1.21					1551	-89.3	-29.2	-23.0	-21.4	-97.1
-71.28										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	0.4	5.9	7.4	11.0	-4.7
55.22	2410	11.8	24.4	6.3	27.0	9.1
67.50	2289	7.5	39.9	6.4	41.1	6.3
79.30	1552	9.7	37.5	6.2	38.8	8.3
77.98	1551	7.1	20.9	6.0	23.2	4.8
69.39	Min	Cent	-0.3	-7.3	4.3	-11.9
-32.20	2410	-12.7	-30.3	-6.3	-10.7	-32.3
-17.90	2289	-10.8	-54.6	-6.1	-10.0	-55.4
-7.81	1552	-7.0	-28.3	-7.0	-4.9	-30.4
-16.62	1551	-6.1	-16.4	-6.1	-3.3	-19.2
-24.87						

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
Max   Cent   0.0   0.1
      2410   0.0   0.0
      2289   0.0   0.1
      1552   0.0   0.1
      1551   0.0   0.0
Min   Cent   -0.0  -0.1
      2410  -0.0  -0.1
      2289  -0.0  -0.1
      1552  -0.0  -0.1
      1551  -0.0  -0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
61.57	c mob-b	Max Cent	16.7	170.7	118.0	234.6	-47.2
51.05		2410	15.5	66.0	118.0	161.4	-79.9
73.59		2289	15.5	381.3	118.0	416.1	-19.3
73.50		1552	18.0	381.3	118.0	416.3	-16.9
50.75		1551	18.0	66.0	118.0	162.4	-78.3
-3.54	Min	Cent	-64.6	-616.9	-34.3	-62.5	-619.0
-39.84		2410	-32.4	-44.9	-34.3	-3.8	-73.5
-1.60		2289	-32.4	-1256.3	-34.3	-31.5	-1257.2
-1.69		1552	-97.2	-1256.3	-34.3	-96.2	-1257.3
-63.65		1551	-97.2	-44.9	-34.3	-27.9	-114.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.78	Max	Cent	0.6	7.9	7.1	-3.7
72.16		2410	15.5	32.6	6.1	13.5
81.30		2289	8.3	47.0	6.1	7.4
80.47		1552	11.3	46.0	6.0	10.3
74.07		1551	9.4	28.1	5.8	7.8
-31.19	Min	Cent	-0.4	-9.3	-8.4	-14.4
-17.29		2410	-16.8	-40.1	-8.0	-42.6
-7.32		2289	-12.7	-67.3	-7.1	-68.2
-18.05		1552	-7.4	-30.0	-8.2	-32.7
-22.45		1551	-7.9	-21.8	-6.9	-24.7

```

-----
Max   Cent   0.0   0.1
      2410   0.0   0.1
      2289   0.0   0.1
      1552   0.0   0.1
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	1551	0.0	0.1
Cent	2410	-0.0	-0.1
	2289	-0.1	-0.1
	1552	-0.0	-0.1
	1551	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.14	pp	Cent	-24.8	-285.0	38.0	-19.4	-290.5
54.47		2410	9.4	35.5	38.0	62.7	-17.7
3.52		2289	9.4	-605.6	38.0	11.8	-607.9
3.96		1552	-59.1	-605.6	38.0	-56.4	-608.2
70.60		1551	-59.1	35.5	38.0	48.9	-72.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.16	Cent	0.2	-0.7	1.8	1.6	-2.2
14.30	2410	-2.1	-9.8	2.1	-1.5	-10.4
15.41	2289	-2.1	-8.6	2.0	-1.5	-9.2
71.76	1552	2.7	6.3	1.3	6.7	2.3
78.75	1551	2.1	9.2	1.5	9.5	1.8

NODE	Vxx	Vyy
Cent	-0.0	-0.0
2410	0.0	-0.0
2289	0.0	-0.0
1552	-0.0	-0.0
1551	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.48	vento -y	Cent	-4.5	-13.7	1.4	-4.3	-13.9
47.53		2410	-4.6	-4.4	1.4	-3.1	-5.9
4.33		2289	-4.6	-23.1	1.4	-4.5	-23.2
4.28		1552	-4.4	-23.1	1.4	-4.3	-23.2
45.46		1551	-4.4	-4.4	1.4	-3.0	-5.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.67	Cent	0.0	-0.0	0.2	0.2	-0.2
	2410	-0.1	-0.2	0.1	0.0	-0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.66							
		2289	0.1	0.4	0.1	0.5	0.1
68.10							
		1552	-0.1	-0.4	0.1	-0.1	-0.5
22.16							
		1551	0.1	0.1	0.1	0.3	-0.0
53.38							

NODE	Vxx	Vyy
Cent	0.0	0.0
2410	-0.0	-0.0
2289	-0.0	0.0
1552	0.0	0.0
1551	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.74	cedime~1	Cent	7.8	34.9	-3.0	35.2	7.4
-39.84		2410	4.4	3.3	-3.0	6.9	0.8
-87.23		2289	4.4	66.5	-3.0	66.6	4.2
-86.89		1552	11.2	66.5	-3.0	66.7	11.0
-18.62		1551	11.2	3.3	-3.0	12.2	2.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.69	Cent	-0.0	0.1	2.1	2.1	-2.1
43.03	2410	-0.2	-0.4	1.7	1.4	-2.0
72.86	2289	2.0	7.0	1.7	7.6	1.4
17.53	1552	-2.0	-6.9	1.7	-1.5	-7.5
48.92	1551	0.1	0.6	1.7	2.1	-1.4

NODE	Vxx	Vyy
Cent	-0.0	0.0
2410	0.0	-0.0
2289	0.0	0.0
1552	-0.0	0.0
1551	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.52	perm	Cent	-2.7	-25.0	-1.0	-2.7	-25.0
-3.09		2410	6.0	-12.1	-1.0	6.1	-12.2
-1.28		2289	6.0	-37.8	-1.0	6.0	-37.8
-2.13		1552	-11.4	-37.8	-1.0	-11.4	-37.8
		1551	-11.4	-12.1	-1.0	-10.7	-12.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.32

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-46.11	Cent	0.1	0.1	-0.7	0.8	-0.6
-15.13	2410	-0.6	-2.5	-0.6	-0.4	-2.7
-8.31	2289	-1.8	-5.8	-0.6	-1.7	-5.8
-82.73	1552	1.9	6.1	-0.5	6.1	1.9
-76.49	1551	0.6	2.7	-0.5	2.8	0.5

NODE	Vxx	Vyy
Cent	-0.0	-0.0
2410	0.0	-0.0
2289	0.0	-0.0
1552	-0.0	-0.0
1551	-0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

62.21	INV TO~1	Max	Cent	27.6	240.4	158.3	322.2	-54.2
49.49			2410	31.3	80.3	158.3	213.0	-101.4
74.39			2289	31.3	543.5	158.3	586.9	-12.1
74.56			1552	24.1	543.5	158.3	586.4	-18.7
50.13			1551	24.1	80.3	158.3	210.0	-105.6
-3.51		Min	Cent	-90.0	-857.7	-50.3	-87.0	-860.6
-34.85			2410	-37.8	-72.8	-50.3	-4.8	-108.3
-1.60			2289	-37.8	-1733.7	-50.3	-36.5	-1735.1
-1.70			1552	-142.6	-1733.7	-50.3	-141.2	-1735.2
-63.22			1551	-142.6	-72.8	-50.3	-48.9	-166.5

ANGLE NODE Mxx Myy Mxy Mmax Mmin

57.04	Max	Cent	0.8	10.9	11.3	18.2	-4.7
68.58		2410	20.4	41.4	9.7	44.8	17.7
80.00		2289	11.4	64.8	9.7	66.5	9.7
81.45		1552	17.2	68.2	9.6	69.4	16.1
73.03		1551	13.5	41.2	9.3	44.0	11.4
-29.80	Min	Cent	-0.6	-12.4	-12.1	5.2	-19.9
-14.99		2410	-23.5	-57.1	-11.4	-20.9	-60.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.37	2289	-18.9	-96.6	-10.2	-17.6	-98.0
-16.23	1552	-10.1	-41.3	-11.6	-7.2	-44.2
-22.56	1551	-10.1	-26.8	-9.9	-6.5	-31.4

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2410	0.1	0.1
	2289	0.1	0.1
	1552	0.0	0.1
Min	1551	0.0	0.1
	Cent	-0.0	-0.2
	2410	-0.1	-0.1
	2289	-0.1	-0.2
	1552	-0.0	-0.2
	1551	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
62.21	INV TO~2	Max	Cent	27.6	240.4	158.3	322.2	-54.2
49.49			2410	31.3	80.3	158.3	213.0	-23.9
74.39		2289	31.3	543.5	158.3	586.9	-12.1	
74.56		1552	24.1	543.5	158.3	586.4	-18.7	
50.13		1551	24.1	80.3	158.3	210.0	-97.8	
-3.51	Min	Cent		-90.0	-857.7	-50.3	-87.0	-860.6
-34.85			2410	-37.8	-72.8	-50.3	-4.8	-108.3
-1.60		2289	-37.8	-1733.7	-50.3	-36.5	-1735.1	
-1.70		1552	-142.6	-1733.7	-50.3	-141.2	-1735.2	
-63.22		1551	-142.6	-72.8	-50.3	-48.9	-166.5	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
57.04	Max	Cent	0.8	10.9	11.3	18.2	-2.9
68.58		2410	20.4	41.4	9.7	44.8	17.7
80.00		2289	11.4	64.8	9.7	66.5	9.7
81.45		1552	17.2	68.2	9.6	69.4	16.1
73.03		1551	13.5	41.2	9.3	44.0	11.4
38.16	Min	Cent	-0.6	-12.4	-12.1	2.1	-19.9
-14.99		2410	-23.5	-57.1	-11.4	-20.9	-60.2
-7.37		2289	-18.9	-96.6	-10.2	-17.6	-98.0
-16.23		1552	-10.1	-41.3	-11.6	-7.2	-44.2
		1551	-10.1	-26.8	-9.9	-6.5	-31.4

PROJECT TITLE :

	Company		Client	
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-22.56

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2410	0.1	0.1
	2289	0.1	0.1
	1552	0.0	0.1
	1551	0.0	0.1
Min	Cent	-0.0	-0.2
	2410	-0.1	-0.1
	2289	-0.1	-0.2
	1552	-0.0	-0.2
	1551	-0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2123	2	12	c mob-a	Max Cent	2.1	22.1	29.6	43.4	-19.1
54.34				2567	3.7	0.6	29.6	31.8	-27.5
43.53				2308	3.7	61.6	29.6	74.0	-8.8
67.19				1711	2.8	61.6	29.6	73.9	-9.5
67.39				1710	2.8	0.6	29.6	31.3	-27.9
43.94				Min Cent	-28.0	-314.3	-12.9	-27.4	-314.9
-2.58				2567	-25.2	-197.4	-12.9	-24.3	-198.4
-4.28				2308	-25.2	-462.7	-12.9	-24.8	-463.1
-1.69				1711	-33.1	-462.7	-12.9	-32.7	-463.1
-1.72				1710	-33.1	-197.4	-12.9	-32.1	-198.4
-4.48									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	3.8	4.8	9.4	13.7	-5.1
46.52				2567	17.2	14.9	8.1	24.2	7.9
41.02				2308	7.5	31.7	7.9	34.0	5.1
73.40				1711	5.3	13.4	8.8	19.0	-0.3
57.40				1710	5.4	6.0	8.6	14.3	-3.0
46.08				Min Cent	-0.6	-1.5	-1.6	0.6	-2.8
-37.50				2567	-0.9	-6.8	-1.5	-0.5	-7.2
-13.52				2308	-11.1	-15.6	-1.3	-10.7	-15.9
-15.10				1711	-9.3	-28.8	-1.5	-9.2	-28.9
-4.44				1710	-1.8	-7.3	-1.7	-1.3	-7.8
-15.38									

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0

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	2567	0.1	0.0
	2308	0.1	0.1
	1711	0.0	0.1
	1710	0.0	0.0
Min	Cent	-0.0	-0.0
	2567	-0.0	-0.0
	2308	-0.0	-0.0
	1711	-0.0	-0.0
	1710	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
80.85	c mob-b	Max	Cent	8.2	65.8	9.5	67.3	6.7
34.29			2567	9.3	1.9	9.5	15.8	-4.6
87.13			2308	9.3	198.7	9.5	199.2	8.9
87.14			1711	8.8	198.7	9.5	199.2	8.3
34.97			1710	8.8	1.9	9.5	15.5	-4.8
-6.62		Min	Cent	-16.9	-158.4	-16.6	-14.9	-160.3
-7.20			2567	-23.5	-153.2	-16.6	-21.4	-155.3
-4.66			2308	-23.5	-226.4	-16.6	-22.1	-227.7
-4.39			1711	-10.7	-226.4	-16.6	-9.4	-227.7
-6.57			1710	-10.7	-153.2	-16.6	-8.8	-155.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.22	Max	Cent	3.9	3.4	9.8	13.4	-6.1
43.63		2567	15.1	14.3	8.0	22.7	6.7
74.42		2308	7.5	34.2	8.1	36.4	5.2
57.79		1711	7.4	16.5	9.5	22.5	1.4
44.86		1710	5.3	5.2	9.3	14.5	-4.0
-47.63	Min	Cent	-2.5	-1.6	-4.9	2.9	-7.0
-49.11		2567	-6.4	-5.3	-3.9	-1.9	-9.7
-14.83		2308	-7.1	-20.1	-3.7	-6.2	-21.0
-12.29		1711	-9.6	-29.8	-4.6	-8.6	-30.8
-31.89		1710	-3.5	-8.2	-4.8	-0.5	-11.2

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2567	0.0	0.0
	2308	0.0	0.1
	1711	0.0	0.1
	1710	0.0	0.0
Min	Cent	-0.0	-0.0

PROJECT TITLE :

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2567 -0.0 -0.0
 2308 -0.0 -0.0
 1711 -0.0 -0.0
 1710 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4.50	pp	Cent	-6.3	-77.0	5.6	-5.9	-77.4
2.10		2567	-10.2	-162.3	5.6	-10.0	-162.5
74.44		2308	-10.2	8.3	5.6	9.9	-11.7
67.06		1711	-2.5	8.3	5.6	10.7	-4.9
2.00		1710	-2.5	-162.3	5.6	-2.3	-162.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.15		Cent	4.0	-3.2	6.3	7.7	-6.8
25.09		2567	11.0	2.2	5.3	13.4	-0.3
67.99		2308	0.7	12.9	5.9	15.3	-1.7
15.61		1711	-1.4	-21.6	6.1	0.3	-23.3
21.06		1710	5.9	-6.2	5.5	8.0	-8.3

NODE Vxx Vyy
 Cent 0.0 0.0
 2567 0.0 0.0
 2308 0.0 0.0
 1711 0.0 0.0
 1710 0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.02	vento -y	Cent	-0.4	-4.3	-0.7	-0.3	-4.5
-41.84		2567	-0.7	-0.9	-0.7	-0.0	-1.5
-5.70		2308	-0.7	-7.8	-0.7	-0.6	-7.9
-5.27		1711	-0.1	-7.8	-0.7	-0.0	-7.9
-31.23		1710	-0.1	-0.9	-0.7	0.3	-1.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.27		Cent	-0.1	-0.0	0.6	0.6	-0.7
47.67		2567	-0.0	0.1	0.6	0.6	-0.5
		2308	0.5	1.6	0.5	1.8	0.3

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67.55							
		1711	-0.6	-1.5	0.6	-0.3	-1.8
26.08							
		1710	-0.1	-0.2	0.6	0.5	-0.7
43.61							

NODE	Vxx	Vyy
Cent	0.0	0.0
2567	-0.0	0.0
2308	-0.0	0.0
1711	0.0	0.0
1710	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.28	cedime~1	Cent	22.1	227.2	2.6	227.2	22.1
86.59		2567	28.1	70.9	2.6	71.1	27.9
89.59		2308	28.1	383.5	2.6	383.5	28.1
89.60		1711	16.1	383.5	2.6	383.5	16.1
87.33		1710	16.1	70.9	2.6	71.1	16.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-41.59	Cent	-0.8	-3.3	-10.4	8.4	-12.6
-46.20	2567	-15.3	-14.6	-8.2	-6.8	-23.2
-11.35	2308	-1.1	-39.8	-8.1	0.6	-41.5
-69.41	1711	9.7	33.0	-10.2	36.9	5.8
-51.55	1710	3.3	8.1	-10.3	16.3	-4.9

NODE	Vxx	Vyy
Cent	-0.0	-0.1
2567	-0.0	-0.0
2308	-0.0	-0.1
1711	0.0	-0.1
1710	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
14.36	perm	Cent	-0.8	-11.1	2.8	-0.1	-11.8
3.33		2567	-1.2	-49.6	2.8	-1.0	-49.8
84.40		2308	-1.2	27.4	2.8	27.7	-1.4
84.26		1711	-0.4	27.4	2.8	27.7	-0.7
3.28		1710	-0.4	-49.6	2.8	-0.2	-49.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

21.91			Cent	1.7	-0.7	1.2	2.2	-1.2
17.02			2567	3.9	1.0	1.0	4.2	0.7
66.23			2308	-0.6	1.8	1.3	2.3	-1.2
11.80			1711	0.7	-4.4	1.1	1.0	-4.7
11.31			1710	2.8	-1.1	0.8	3.0	-1.3

			NODE	Vxx	Vyy			

			Cent	0.0	0.0			
			2567	0.0	0.0			
			2308	0.0	0.0			
			1711	0.0	0.0			
			1710	0.0	0.0			

ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

80.79		INV TO~1 Max	Cent	32.4	304.9	45.4	312.2	25.1
40.09			2567	39.5	23.8	45.4	77.7	-14.3
85.96			2308	39.5	679.1	45.4	682.3	36.3
86.04			1711	27.6	679.1	45.4	682.3	24.5
43.81			1710	27.6	23.8	45.4	71.1	-19.7
-2.83		Min	Cent	-38.6	-435.4	-19.6	-37.6	-436.4
-3.98			2567	-35.2	-316.1	-19.6	-33.9	-317.5
-2.00			2308	-35.2	-597.2	-19.6	-34.5	-597.9
-2.03			1711	-45.1	-597.2	-19.6	-44.4	-597.9
-4.12			1710	-45.1	-316.1	-19.6	-43.7	-317.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

43.77		Max	Cent	7.0	5.8	14.4	20.8	-0.1
37.94			2567	27.1	21.1	11.9	36.4	11.9
73.79			2308	9.5	47.9	12.2	51.5	6.0
83.07			1711	20.4	50.9	14.0	51.4	19.9
41.75			1710	13.3	15.1	13.3	21.9	11.1
-41.97		Min	Cent	-2.5	-6.2	-15.9	3.3	-20.4
-41.77			2567	-20.0	-22.8	-12.4	-8.9	-33.9
-18.50			2308	-16.6	-65.2	-11.8	-14.3	-67.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.75	1711	-12.2	-44.7	-15.3	-11.4	-45.5
-23.86	1710	-1.9	-12.2	-16.0	0.6	-17.5

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2567	0.1	0.0
	2308	0.1	0.1
	1711	0.0	0.1
Min	1710	0.0	0.0
	Cent	-0.0	-0.1
	2567	-0.1	-0.0
	2308	-0.1	-0.1
	1711	-0.0	-0.1
	1710	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
80.79	INV TO~2	Max	Cent	32.4	304.9	45.4	312.2	25.1
40.09			2567	39.5	23.8	45.4	77.7	-14.3
85.96		2308	39.5	679.1	45.4	682.3	36.3	
86.04		1711	27.6	679.1	45.4	682.3	24.5	
43.81		1710	27.6	23.8	45.4	71.1	-19.7	
-2.83	Min	Cent	-38.6	-435.4	-19.6	-37.6	-436.4	
-3.98			2567	-35.2	-316.1	-19.6	-33.9	-317.5
-2.00		2308	-35.2	-597.2	-19.6	-34.5	-597.9	
-2.03		1711	-45.1	-597.2	-19.6	-44.4	-597.9	
-4.12		1710	-45.1	-316.1	-19.6	-43.7	-317.6	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
43.77	Max	Cent	7.0	5.8	14.4	-0.1	
37.94		2567	27.1	21.1	11.9	11.9	
73.79		2308	9.5	47.9	12.2	51.5	6.0
83.07		1711	20.4	50.9	14.0	51.4	19.9
41.75		1710	13.3	15.1	13.3	21.9	11.1
-41.97	Min	Cent	-2.5	-6.2	-15.9	3.3	-20.4
-41.77		2567	-20.0	-22.8	-12.4	-8.9	-33.9
-18.50		2308	-16.6	-65.2	-11.8	-14.3	-67.9
-8.75		1711	-12.2	-44.7	-15.3	-11.4	-45.5
-23.86		1710	-1.9	-12.2	-16.0	0.6	-17.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2567	0.1	0.0
	2308	0.1	0.1
	1711	0.0	0.1
	1710	0.0	0.0
Min	Cent	-0.0	-0.1
	2567	-0.1	-0.0
	2308	-0.1	-0.1
	1711	-0.0	-0.1
	1710	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2136	2	15	c mob-a	Max	Cent	33.8	5.1	13.3	39.0	-0.1
	21.38				2564	25.7	4.6	13.3	32.1	-1.8
	25.76				1707	25.7	6.8	13.3	32.5	-0.1
	27.25				1709	41.9	6.8	13.3	46.4	2.3
	18.51				2566	41.9	4.6	13.3	46.2	0.3
	17.69			Min	Cent	-100.1	-8.0	-27.9	-0.2	-107.9
	-74.41				2564	-94.2	-12.6	-27.9	-4.0	-102.8
	-72.83				1707	-94.2	-5.4	-27.9	2.6	-102.2
	-73.94				1709	-106.1	-5.4	-27.9	1.8	-113.3
	-75.52				2566	-106.1	-12.6	-27.9	-4.9	-113.8
	-74.60									

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	5.4	0.2	1.9	6.0	-0.4
	2564	3.6	1.7	1.5	4.4	0.9
	1707	2.3	1.4	2.1	4.0	-0.3
	1709	10.9	1.7	2.3	11.4	1.2
	2566	5.9	0.9	1.7	6.4	0.4
Min	Cent	-6.0	-1.9	-1.9	-1.2	-6.7
	2564	-9.9	-5.8	-2.0	-5.0	-10.7
	1707	-2.5	-3.0	-1.5	-1.3	-4.2
	1709	-4.3	-1.1	-1.8	-0.4	-5.1
	2566	-9.5	-2.9	-2.3	-2.2	-10.2

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2564	0.0	0.0
	1707	0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	1709	0.0	0.0
	2566	0.0	0.0
Min	Cent	-0.0	-0.0
	2564	-0.0	-0.0
	1707	-0.0	-0.0
	1709	-0.0	-0.0
	2566	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	23.4	10.5	29.8	47.4	-13.6
38.90			2564	18.4	9.2	29.8	44.0	-16.4
40.62			1707	18.4	14.2	29.8	46.2	-13.6
42.95			1709	28.4	14.2	29.8	51.9	-9.4
38.29			2566	28.4	9.2	29.8	50.1	-12.5
36.10		Min	Cent	-211.1	-17.8	-63.2	1.0	-229.9
-73.42			2564	-221.2	-25.8	-63.2	-7.1	-239.8
-73.56			1707	-221.2	-11.8	-63.2	5.8	-238.8
-74.45			1709	-226.9	-11.8	-63.2	5.4	-244.1
-74.79			2566	-226.9	-25.8	-63.2	-7.6	-245.1
-73.94								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	10.6	0.7	3.2	11.5	-0.2
16.23		2564	8.3	4.1	1.5	8.8	3.6
18.21		1707	4.8	2.5	4.5	8.3	-1.0
37.99		1709	19.8	3.1	4.7	21.0	1.8
14.65		2566	13.0	2.2	1.8	13.3	1.9
9.28	Min	Cent	-6.6	-4.4	-2.3	-3.0	-8.0
-58.26		2564	-15.7	-13.1	-2.2	-11.8	-17.0
-60.09		1707	-1.7	-6.5	-1.6	-1.3	-7.0
-16.85		1709	-2.8	-1.2	-2.0	0.2	-4.2
-56.17		2566	-14.1	-5.3	-2.7	-4.5	-14.9
-74.05							

	NODE	Vxx	Vyy

Max	Cent	0.0	0.0
	2564	0.0	0.0
	1707	0.0	0.0
	1709	0.0	0.0
	2566	0.0	0.0
Min	Cent	-0.0	-0.0
	2564	-0.0	-0.0
	1707	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			1709	-0.0	-0.0		
			2566	-0.0	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-152.0	-4.0	-41.2	6.7	-162.7
-75.45		2564	-145.1	-10.3	-41.2	1.3	-156.7
-74.27		1707	-145.1	2.4	-41.2	13.1	-155.8
-75.40		1709	-159.0	2.4	-41.2	12.3	-168.9
-76.47		2566	-159.0	-10.3	-41.2	0.3	-169.7
-75.50							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	6.8	-1.4	-0.3	6.9	-1.4
-1.89		2564	1.0	-4.7	-1.3	1.3	-5.0
-12.65		1707	3.0	-4.7	1.2	3.2	-4.9
8.97		1709	14.9	2.3	0.9	14.9	2.2
4.07		2566	8.5	1.4	-1.7	8.9	1.0
-12.65							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		2564	-0.0	-0.0			
		1707	-0.0	-0.0			
		1709	-0.0	-0.0			
		2566	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-2.5	-0.1	-0.1	-0.1	-2.5
-86.65		2564	-2.3	-0.1	-0.1	-0.1	-2.3
-86.30		1707	-2.3	-0.0	-0.1	-0.0	-2.3
-86.40		1709	-2.7	-0.0	-0.1	-0.0	-2.7
-86.95		2566	-2.7	-0.1	-0.1	-0.1	-2.7
-86.87							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	0.2	0.0	-0.1	0.3	-0.0
-27.05		2564	0.3	0.1	-0.1	0.4	0.1
-28.06		1707	0.0	-0.1	-0.1	0.1	-0.1
-31.26		1709	0.3	0.1	-0.1	0.3	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-22.85
-24.84

2566 0.2 -0.0 -0.1 0.3 -0.1

NODE	Vxx	Vyy
Cent	0.0	0.0
2564	0.0	0.0
1707	0.0	-0.0
1709	-0.0	-0.0
2566	-0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
cedime~1	Cent	-48.3	-6.9	-3.7	-6.6	-48.6
	2564	-39.6	-1.4	-3.7	-1.0	-40.0
	1707	-39.6	-12.4	-3.7	-11.9	-40.1
	1709	-57.0	-12.4	-3.7	-12.1	-57.3
	2566	-57.0	-1.4	-3.7	-1.2	-57.2

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
Cent	4.8	1.2	-0.3	4.8	1.1
2564	6.1	2.6	-0.6	6.2	2.5
1707	2.3	1.0	-0.0	2.3	1.0
1709	5.5	1.0	0.1	5.5	1.0
2566	5.3	0.0	-0.5	5.3	-0.0

-5.23
-9.33
-1.96
0.68
-5.21

NODE	Vxx	Vyy
Cent	0.0	0.0
2564	0.0	0.0
1707	0.0	0.0
1709	0.0	0.0
2566	0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
perm	Cent	-89.7	-3.4	-22.4	2.1	-95.2
	2564	-83.8	-6.1	-22.4	-0.1	-89.8
	1707	-83.8	-0.7	-22.4	5.0	-89.5
	1709	-95.6	-0.7	-22.4	4.3	-100.6
	2566	-95.6	-6.1	-22.4	-0.8	-100.9

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
                Cent      5.0      -0.4      0.2      5.0      -0.4
2.62
                2564      3.1      -1.6      -0.4      3.1      -1.6
-4.52
                1707      1.4      -2.4      1.1      1.7      -2.7
15.83
                1709      9.3      1.4      1.0      9.4      1.3
7.01
                2566      6.1      1.0      -0.5      6.2      0.9
-5.86
    
```

```

-----
                NODE      Vxx      Vyy
                Cent      -0.0      -0.0
                2564      0.0      -0.0
                1707      0.0      -0.0
                1709      -0.0      -0.0
                2566      -0.0      -0.0
    
```

```

                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
INV TO~1 Max Cent      -44.1      10.8      17.9      16.1      -49.4
73.47
                2564      -49.2      6.4      17.9      11.7      -54.4
73.64
                1707      -49.2      18.4      17.9      22.9      -53.6
76.08
                1709      -39.0      18.4      17.9      23.5      -44.1
74.05
                2566      -39.0      6.4      17.9      12.6      -45.2
70.89
                Min Cent      -423.0      -34.3      -111.4      -4.6      -452.7
-75.09
                2564      -422.1      -42.3      -111.4      -12.0      -452.4
-74.80
                1707      -422.1      -29.0      -111.4      0.4      -451.5
-75.23
                1709      -458.9      -29.0      -111.4      -1.9      -486.0
-76.30
                2566      -458.9      -42.3      -111.4      -14.3      -486.8
-75.93
    
```

```

                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
                Max Cent      24.1      1.7      4.5      24.9      1.0
10.21
                2564      20.4      6.6      1.7      20.5      6.5
4.64
                1707      10.1      2.0      7.2      14.3      -2.2
30.35
                1709      41.6      6.6      7.4      43.1      5.1
11.44
                2566      29.0      4.0      1.9      29.0      3.9
3.24
                Min Cent      -4.0      -6.3      -3.1      -2.1      -8.1
-33.75
                2564      -18.1      -19.3      -3.9      -15.3      -22.1
-39.84
                1707      -2.0      -11.1      -1.0      -1.9      -11.2
-6.13
                1709      3.4      -0.1      -1.8      4.2      -0.9
-22.47
    
```


PROJECT TITLE :

	Company		Client	
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Max	Cent	0.0	0.0
	2564	0.0	0.0
	1707	0.0	0.0
	1709	0.0	0.0
	2566	0.0	0.0
Min	Cent	-0.0	-0.0
	2564	-0.0	-0.0
	1707	-0.0	-0.0
	1709	-0.0	-0.0
	2566	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2137	2	15	c mob-a	Max Cent	19.5	8.2	14.4	29.4	-1.6
34.31				2560	13.4	8.7	14.4	25.7	-3.6
40.37				1703	13.4	10.4	14.4	26.4	-2.6
42.04				1707	25.7	10.4	14.4	34.4	1.7
31.08				2564	25.7	8.7	14.4	33.9	0.5
29.79				Min Cent	-75.7	-9.0	-90.9	54.5	-139.2
-55.07				2560	-58.5	-13.8	-90.9	57.5	-129.8
-51.90				1703	-58.5	-6.9	-90.9	61.8	-127.2
-52.91				1707	-93.0	-6.9	-90.9	50.7	-150.6
-57.66				2564	-93.0	-13.8	-90.9	45.8	-152.6
-56.76									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	2.0	1.1	0.9	2.6	0.5
30.89				2560	9.2	3.5	0.9	9.3	3.3
9.14				1703	4.4	1.1	1.6	5.0	0.5
21.71				1707	2.5	1.2	2.0	3.9	-0.2
36.35				2564	3.6	1.0	1.2	4.1	0.6
20.98				Min Cent	-6.3	-3.9	-1.3	-3.3	-6.8
-66.70				2560	-20.8	-7.2	-2.0	-7.0	-21.1
-81.99				1703	-10.0	-4.3	-1.1	-4.1	-10.2
-79.36				1707	-2.6	-2.4	-1.4	-1.1	-3.9
-46.38				2564	-10.1	-5.9	-1.7	-5.2	-10.8
-70.31									
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				2560	0.0	0.0			
				1703	0.0	0.0			
				1707	0.0	0.0			
				2564	0.0	0.0			

PROJECT TITLE :

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Min	Cent	-0.0	-0.0
	2560	-0.0	-0.0
	1703	-0.0	-0.0
	1707	-0.0	-0.0
	2564	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.68	c mob-b	Max	Cent	13.8	18.7	19.1	35.5	-3.0
53.28			2560	9.6	20.9	19.1	35.1	-4.7
54.05			1703	9.6	22.0	19.1	35.9	-4.3
47.99			1707	18.0	22.0	19.1	39.2	0.8
47.15			2564	18.0	20.9	19.1	38.6	0.3
-58.23		Min	Cent	-190.5	-19.9	-171.4	86.3	-296.7
-55.67			2560	-164.1	-30.1	-171.4	87.0	-281.1
-56.74			1703	-164.1	-15.1	-171.4	97.4	-276.5
-60.29			1707	-217.7	-15.1	-171.4	82.8	-315.5
-59.34			2564	-217.7	-30.1	-171.4	71.6	-319.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
25.25	Max	Cent	6.2	2.8	2.1	7.2	1.9	
5.91			2560	26.6	8.0	1.9	26.8	7.8
22.85			1703	9.6	1.5	4.2	11.4	-0.3
36.76			1707	5.1	2.4	4.6	8.5	-1.1
18.71			2564	8.4	3.7	1.8	9.0	3.1
-73.30		Min	Cent	-12.1	-8.7	-1.1	-8.3	-12.5
-84.27			2560	-47.3	-16.3	-3.1	-16.0	-47.6
-82.18			1703	-16.2	-7.7	-1.2	-7.5	-16.4
-21.16			1707	-1.8	-5.4	-1.6	-1.2	-6.0
-56.80			2564	-15.9	-13.5	-2.7	-11.8	-17.6

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2560	0.0	0.0
	1703	0.0	0.0
	1707	0.0	0.0
	2564	0.0	0.0
Min	Cent	-0.0	-0.0
	2560	-0.1	-0.0
	1703	-0.1	-0.0
	1707	-0.0	-0.0
	2564	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-56.43	pp	Cent	-116.8	3.0	-142.1	97.3	-211.1
-53.03		2560	-90.7	-8.9	-142.1	98.1	-197.6
-55.19		1703	-90.7	14.9	-142.1	113.6	-189.4
-59.53		1707	-143.0	14.9	-142.1	98.4	-226.6
-57.64		2564	-143.0	-8.9	-142.1	81.2	-233.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.07		Cent	1.1	-2.6	2.2	2.2	-3.6
-89.91		2560	-80.3	-24.4	-0.1	-24.4	-80.3
0.90		1703	80.3	22.0	0.9	80.3	21.9
4.92		1707	3.3	-3.5	0.6	3.4	-3.5
-4.24		2564	1.1	-4.5	-0.4	1.1	-4.5
		NODE	Vxx	Vyy			
		Cent	-0.1	0.0			
		2560	-0.2	0.0			
		1703	-0.2	0.0			
		1707	-0.0	0.0			
		2564	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-64.03	vento -y	Cent	-1.8	-0.2	-1.0	0.3	-2.2
-56.91		2560	-1.2	-0.3	-1.0	0.3	-1.8
-59.01		1703	-1.2	-0.1	-1.0	0.5	-1.8
-69.18		1707	-2.3	-0.1	-1.0	0.2	-2.7
-67.98		2564	-2.3	-0.3	-1.0	0.1	-2.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-30.84		Cent	0.1	0.0	-0.1	0.2	0.0
-19.32		2560	0.3	0.2	-0.1	0.3	0.1
-76.99		1703	-0.2	-0.1	-0.0	-0.1	-0.2
-30.31		1707	0.0	-0.0	-0.1	0.1	-0.1
		2564	0.3	0.1	-0.1	0.3	0.1

PROJECT TITLE :

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-22.59

NODE	Vxx	Vyy
Cent	0.0	0.0
2560	0.0	0.0
1703	0.0	0.0
1707	0.0	0.0
2564	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-63.36	cedime~1	Cent	-30.9	-4.3	-17.8	4.7	-39.8
-58.04		2560	-22.9	-5.5	-17.8	5.7	-34.0
-59.53		1703	-22.9	-3.1	-17.8	7.4	-33.4
-67.53		1707	-38.8	-3.1	-17.8	4.3	-46.2
-66.55		2564	-38.8	-5.5	-17.8	2.3	-46.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.95	Cent	3.2	1.2	0.2	3.2	1.2
6.86	2560	3.2	2.0	0.2	3.2	1.9
19.77	1703	1.4	-0.2	0.7	1.7	-0.5
6.43	1707	2.2	0.6	0.2	2.2	0.6
-5.45	2564	6.0	2.4	-0.3	6.0	2.3

NODE	Vxx	Vyy
Cent	0.0	-0.0
2560	0.0	0.0
1703	0.0	-0.0
1707	0.0	-0.0
2564	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.32	perm	Cent	-68.8	0.9	-75.9	49.6	-117.5
-54.12		2560	-55.0	-5.0	-75.9	49.9	-110.0
-56.07		1703	-55.0	6.7	-75.9	57.8	-106.1
-60.23		1707	-82.6	6.7	-75.9	50.2	-126.0
-58.53		2564	-82.6	-5.0	-75.9	41.5	-129.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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6.02	Cent	2.0	-1.0	0.3	2.0	-1.0
3.21	2560	10.2	2.7	0.4	10.2	2.7
77.93	1703	-7.0	-3.4	0.8	-3.3	-7.2
10.67	1707	1.6	-1.7	0.6	1.7	-1.8
3.17	2564	3.1	-1.4	0.3	3.2	-1.4

NODE	Vxx	Vyy
Cent	0.0	0.0
2560	0.0	0.0
1703	0.0	0.0
1707	0.0	0.0
2564	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-58.33	INV TO~1	Max	Cent	-42.4	26.1	-50.2	170.3	-68.9
-55.45			2560	-36.9	23.2	-50.2	172.9	-65.3
-56.75			1703	-36.9	36.5	-50.2	196.6	-62.4
-60.75			1707	-47.9	36.5	-50.2	165.4	-71.3
-59.62			2564	-47.9	23.2	-50.2	139.6	-73.9
-62.18		Min	Cent	-356.9	-30.3	-325.2	52.6	-557.5
-60.48			2560	-299.4	-51.0	-325.2	51.7	-523.4
-63.10			1703	-299.4	-16.7	-325.2	61.9	-512.7
-65.04			1707	-415.3	-16.7	-325.2	59.8	-597.4
-62.68			2564	-415.3	-51.0	-325.2	49.2	-605.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

17.20	Max	Cent	13.6	4.0	3.3	14.6	3.0	
5.36			2560	49.3	15.5	3.2	49.6	15.2
28.74			1703	7.4	-1.5	7.1	11.3	-5.2
29.41			1707	10.6	2.1	7.0	14.6	-1.8
8.87			2564	20.5	5.9	2.7	20.8	5.6
-60.86	Min	Cent	-14.4	-12.7	-1.4	-11.9	-15.2	
-83.73			2560	-53.7	-19.3	-3.8	-18.9	-54.1
-89.42			1703	-28.9	-14.0	-0.8	-14.0	-29.0
-11.94			1707	-1.9	-8.9	-1.6	-1.6	-9.2
-38.88			2564	-18.3	-19.7	-3.7	-15.6	-22.4

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2560	0.1	0.0
	1703	0.1	0.0
	1707	0.0	0.0
Min	2564	0.0	0.0
	Cent	-0.0	-0.0
	2560	-0.1	-0.0
	1703	-0.1	-0.0
	1707	-0.0	-0.0
	2564	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-42.4	26.1	-50.2	170.3	-68.9
-58.33			2560	-36.9	23.2	-50.2	172.9	-65.3
-55.45			1703	-36.9	36.5	-50.2	196.6	-62.4
-56.75			1707	-47.9	36.5	-50.2	165.4	-71.3
-60.75		Min	2564	-47.9	23.2	-50.2	139.6	-73.9
-59.62			Cent	-356.9	-30.3	-325.2	52.6	-557.5
-62.18			2560	-299.4	-51.0	-325.2	51.7	-523.4
-60.48			1703	-299.4	-16.7	-325.2	61.9	-512.7
-63.10			1707	-415.3	-16.7	-325.2	59.8	-597.4
-65.04			2564	-415.3	-51.0	-325.2	49.2	-605.9
-62.68								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

		Max	Cent	13.6	4.0	3.3	14.6	3.0
17.20			2560	49.3	15.5	3.2	49.6	15.2
5.36			1703	108.4	29.6	7.1	108.4	29.6
0.90			1707	10.6	2.1	7.0	14.6	-1.8
29.41		Min	2564	20.5	5.9	2.7	20.8	5.6
8.87			Cent	-14.4	-12.7	-1.4	-11.9	-15.2
-60.86			2560	-108.4	-33.0	-3.8	-33.0	-108.4
-89.91			1703	-28.9	-14.0	-0.8	-14.0	-29.0
-89.42			1707	-1.9	-8.9	-1.6	-1.6	-9.2
-11.94			2564	-18.3	-19.7	-3.7	-15.6	-22.4
-38.88								

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2560	0.1	0.0

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	1703	0.1	0.0
	1707	0.0	0.0
	2564	0.0	0.0
Min	Cent	-0.1	-0.0
	2560	-0.2	-0.0
	1703	-0.2	-0.0
	1707	-0.0	-0.0
	2564	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

2176	2	15	c mob-a	Max	Cent	6.3	3.2	18.1	22.9	-13.4
42.57					2330	8.5	0.8	18.1	23.1	-13.8
38.92					1470	8.5	9.2	18.1	27.0	-9.2
45.54					1472	4.2	9.2	18.1	24.9	-11.5
48.97					2332	4.2	0.8	18.1	20.6	-15.7
42.30				Min	Cent	-107.4	-0.5	-0.9	-0.5	-107.4
-89.52					2330	-117.0	-4.3	-0.9	-4.3	-117.0
-89.55					1470	-117.0	-0.2	-0.9	-0.2	-117.0
-89.57					1472	-98.0	-0.2	-0.9	-0.2	-98.0
-89.48					2332	-98.0	-4.3	-0.9	-4.3	-98.0
-89.46										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	6.0	0.1	2.1	6.7	-0.5
17.43					2330	6.0	0.3	2.5	6.9	-0.6
20.64					1470	10.1	1.4	1.8	10.4	1.0
11.05					1472	3.8	0.1	1.6	4.4	-0.5
20.29					2332	4.4	0.2	2.2	5.4	-0.8
23.34				Min	Cent	-1.9	-1.2	-0.4	-1.0	-2.1
-65.82					2330	-2.3	-0.5	-0.3	-0.4	-2.4
-81.26					1470	-1.3	-0.2	-0.6	0.0	-1.5
-66.87					1472	-1.5	-3.4	-0.8	-1.2	-3.7
-19.25					2332	-2.9	-2.2	-0.4	-2.1	-3.1
-66.87										

				NODE	Vxx	Vyy				

				Max	Cent	0.0	0.0			
					2330	0.0	0.0			
					1470	0.0	0.0			
					1472	0.0	0.0			
					2332	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					2330	-0.0	-0.0			

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1470 -0.0 -0.0
 1472 -0.0 -0.0
 2332 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

37.64	c mob-b Max	Cent	13.9	4.4	18.1	27.9	-9.5
32.40		2330	18.3	1.3	18.1	29.8	-10.2
38.98		1470	18.3	10.6	18.1	32.9	-4.0
45.72		1472	9.7	10.6	18.1	28.2	-7.9
38.46		2332	9.7	1.3	18.1	24.1	-13.1
-89.11	Min	Cent	-108.5	-0.8	-1.7	-0.7	-108.6
-89.15		2330	-117.4	-4.6	-1.7	-4.6	-117.4
-89.18		1470	-117.4	-0.2	-1.7	-0.2	-117.4
-89.03		1472	-99.7	-0.2	-1.7	-0.2	-99.8
-88.99		2332	-99.7	-4.6	-1.7	-4.6	-99.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

16.13	Max	Cent	6.0	0.1	1.9	6.5	-0.5
19.38		2330	5.9	0.3	2.2	6.7	-0.5
10.08		1470	9.9	1.3	1.6	10.2	1.0
18.74		1472	3.8	0.1	1.4	4.3	-0.4
21.95		2332	4.4	0.1	2.0	5.2	-0.7
-74.24	Min	Cent	-3.9	-1.8	-0.6	-1.7	-4.0
-83.70		2330	-4.8	-1.0	-0.4	-1.0	-4.9
-72.55		1470	-2.7	-0.5	-0.8	-0.3	-2.9
-29.96		1472	-2.7	-4.0	-1.1	-2.1	-4.6
-76.75		2332	-5.5	-3.4	-0.5	-3.3	-5.7

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		2330	0.0	0.0
		1470	0.0	0.0
		1472	0.0	0.0
		2332	0.0	0.0
Min	Cent		-0.0	-0.0
		2330	-0.0	-0.0
		1470	-0.0	-0.0
		1472	-0.0	-0.0
		2332	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

81.02	pp	Cent	-334.8	7.1	55.4	15.8	-343.6
81.14		2330	-359.7	-12.9	55.4	-4.2	-368.3
82.01		1470	-359.7	27.0	55.4	34.8	-367.4
80.90		1472	-310.0	27.0	55.4	35.9	-318.9
79.78		2332	-310.0	-12.9	55.4	-2.9	-320.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

11.42		Cent	18.3	-2.4	4.4	19.2	-3.3
18.84		2330	16.8	0.5	6.3	19.0	-1.6
6.34		1470	32.2	4.4	3.1	32.5	4.0
5.04		1472	10.7	-10.2	1.9	10.9	-10.3
14.66		2332	13.5	-4.3	5.0	14.8	-5.7
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		2330	-0.0	0.0			
		1470	-0.0	0.0			
		1472	0.0	0.0			
		2332	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

73.42	vento -y	Cent	-2.8	0.0	0.9	0.3	-3.1
71.99		2330	-2.8	-0.3	0.9	0.0	-3.1
74.68		1470	-2.8	0.3	0.9	0.6	-3.1
74.66		1472	-2.8	0.3	0.9	0.6	-3.1
71.96		2332	-2.8	-0.3	0.9	0.0	-3.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

20.19		Cent	0.1	-0.0	0.1	0.1	-0.1
33.28		2330	0.1	0.0	0.1	0.1	-0.1
10.44		1470	0.3	0.0	0.0	0.3	0.0
10.40		1472	0.0	-0.1	0.0	0.1	-0.1
28.31		2332	0.0	-0.1	0.1	0.1	-0.1

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NODE	Vxx	Vyy
Cent	-0.0	0.0
2330	-0.0	0.0
1470	-0.0	0.0
1472	-0.0	0.0
2332	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.65	cedime~1	Cent	-32.6	-9.4	-11.4	-4.7	-37.3
-77.04		2330	-44.2	2.9	-11.4	5.5	-46.8
-67.20		1470	-44.2	-21.8	-11.4	-17.0	-49.0
-43.96		1472	-20.9	-21.8	-11.4	-9.9	-32.8
-68.09		2332	-20.9	2.9	-11.4	7.5	-25.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-21.81	Cent	19.0	6.7	-5.8	21.3	4.4
-18.17	2330	23.9	5.4	-6.8	26.2	3.1
-29.55	1470	7.2	0.9	-5.3	10.2	-2.1
-28.36	1472	15.2	8.9	-4.8	17.8	6.3
-17.62	2332	29.6	11.6	-6.3	31.6	9.6

NODE	Vxx	Vyy
Cent	0.0	-0.0
2330	0.0	-0.0
1470	0.0	-0.0
1472	0.0	-0.0
2332	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
80.21	perm	Cent	-120.7	2.9	22.0	6.7	-124.5
80.00		2330	-126.3	-5.5	22.0	-1.6	-130.2
81.13		1470	-126.3	11.3	22.0	14.7	-129.7
80.40		1472	-115.1	11.3	22.0	15.0	-118.8
79.07		2332	-115.1	-5.5	22.0	-1.2	-119.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
7.63	Cent	5.2	-1.4	0.9	5.3	-1.5

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17.32	2330	4.9	-0.0	1.7	5.4	-0.5
2.65	1470	10.5	1.3	0.4	10.6	1.3
-0.56	1472	2.8	-4.4	-0.1	2.8	-4.4
12.48	2332	2.6	-2.6	1.2	2.8	-2.8

NODE	Vxx	Vyy
Cent	-0.0	0.0
2330	-0.0	0.0
1470	-0.0	0.0
1472	-0.0	0.0
2332	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
70.02	INV TO~1	Max	Cent	-101.9	8.9	46.4	25.7	-118.8
68.26			2330	-101.6	-0.8	46.4	14.8	-120.1
71.94			1470	-101.6	25.6	46.4	40.7	-116.7
71.98			1472	-102.0	25.6	46.4	40.7	-117.1
68.33			2332	-102.0	-0.8	46.4	14.7	-120.5
88.38		Min	Cent	-299.8	-7.6	8.3	-7.3	-300.0
85.89			2330	-328.9	-11.7	8.3	-10.3	-329.1
88.51			1470	-328.9	-10.8	8.3	-10.6	-329.1
88.18			1472	-270.7	-10.8	8.3	-10.5	-271.0
85.30			2332	-270.7	-11.7	8.3	-10.1	-271.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-4.57	Max	Cent	32.3	5.4	3.7	32.5	5.3
-3.26		2330	36.8	5.8	5.0	36.9	5.7
-5.06		1470	31.4	4.1	2.8	31.6	3.9
-8.14		1472	23.1	4.7	2.1	23.5	4.3
-4.19		2332	38.1	9.3	4.2	38.3	9.2
1.02	Min	Cent	0.0	-3.9	-5.8	0.0	-3.9
47.52		2330	-1.6	-1.4	-5.7	-0.4	-2.7
-5.53		1470	6.9	0.6	-5.9	6.9	-0.8
-9.34		1472	-0.9	-9.7	-6.3	-0.6	-10.0
11.49		2332	-4.9	-7.2	-5.9	-4.8	-7.3

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
Max   Cent   0.0   0.0
      2330   0.0   0.0
      1470   0.0   0.0
      1472   0.0   0.0
      2332   0.0   0.0
Min   Cent  -0.0  -0.0
      2330  -0.0  -0.0
      1470  -0.0  -0.0
      1472  -0.0  -0.0
      2332  -0.0  -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
70.02	INV TO~2	Max Cent	-101.9	9.5	74.8	25.7	-118.8
68.26		2330	-101.6	-0.8	74.8	14.8	-120.1
82.01		1470	-101.6	36.4	74.8	47.0	-116.7
80.90		1472	-102.0	36.4	74.8	48.4	-117.1
68.33		2332	-102.0	-0.8	74.8	14.7	-120.5
88.38	Min	Cent	-452.0	-7.6	8.3	-7.3	-463.8
85.89		2330	-485.5	-17.4	8.3	-10.3	-497.2
88.51		1470	-485.5	-10.8	8.3	-10.6	-496.0
88.18		1472	-418.5	-10.8	8.3	-10.5	-430.5
85.30		2332	-418.5	-17.4	8.3	-10.1	-432.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-4.57	Max	Cent	32.3	5.4	5.9	32.5
-3.26		2330	36.8	5.8	8.5	36.9
6.34		1470	43.4	5.9	4.2	43.9
-8.14		1472	23.1	4.7	2.5	23.5
-4.19		2332	38.1	9.3	6.8	38.3
1.02	Min	Cent	0.0	-3.9	-5.8	0.0
47.52		2330	-1.6	-1.4	-5.7	-0.4
-5.53		1470	6.9	0.6	-5.9	6.9
-9.34		1472	-0.9	-13.7	-6.3	-0.6
11.49		2332	-4.9	-7.2	-5.9	-4.8

```

-----
Max   Cent   0.0   0.0
      2330   0.0   0.0
      1470   0.0   0.0
      1472   0.0   0.0
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	2332	0.0	0.0
Cent	2330	-0.0	-0.0
	1470	-0.0	-0.0
	1472	-0.0	-0.0
	2332	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

2177	2	15	c mob-a	Max	Cent	3.9	8.3	84.5	90.6	-78.4
45.74					2332	4.5	4.8	84.5	89.1	-79.8
45.06					1472	4.5	13.0	84.5	93.3	-75.9
46.44					1474	3.8	13.0	84.5	93.0	-76.2
46.55					2334	3.8	4.8	84.5	88.8	-80.1
45.17				Min	Cent	-72.4	-1.3	-0.7	-1.3	-72.4
-89.47					2332	-96.7	-2.6	-0.7	-2.6	-96.7
-89.60					1472	-96.7	-0.6	-0.7	-0.6	-96.7
-89.61					1474	-48.5	-0.6	-0.7	-0.6	-48.5
-89.22					2334	-48.5	-2.6	-0.7	-2.6	-48.5
-89.19										

					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	4.3	0.4	1.6	4.9	-0.2
19.45					2332	4.3	0.1	1.8	4.9	-0.5
20.58					1472	4.0	0.1	1.6	4.6	-0.5
19.24					1474	5.4	1.6	1.4	5.8	1.1
18.46					2334	3.8	1.9	1.6	4.7	1.0
29.84				Min	Cent	-2.3	-1.2	-0.8	-0.8	-2.7
-62.15					2332	-2.9	-2.6	-0.7	-2.1	-3.4
-51.77					1472	-1.4	-2.7	-0.8	-1.0	-3.0
-26.08					1474	-1.4	-0.8	-1.0	-0.1	-2.1
-52.98					2334	-3.7	-1.6	-0.8	-1.3	-4.0
-72.13										

					NODE	Vxx	Vyy			

				Max	Cent	0.0	0.0			
					2332	0.0	0.0			
					1472	0.0	0.0			
					1474	0.0	0.0			
					2334	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					2332	-0.0	-0.0			
					1472	-0.0	-0.0			
					1474	-0.0	-0.0			

PROJECT TITLE :

	Company		Client	
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			2334	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

45.24	c mob-b	Max Cent	8.9	10.4	85.6	95.3	-76.0	
44.39		2332	10.2	6.5	85.6	94.0	-77.3	
45.82		1472	10.2	15.1	85.6	98.3	-73.1	
46.20		1474	7.9	15.1	85.6	97.2	-74.2	
44.76		2334	7.9	6.5	85.6	92.8	-78.4	
-89.58		Min Cent	-74.1	-1.7	-0.5	-1.7	-74.1	
-89.68		2332	-98.5	-3.2	-0.5	-3.2	-98.5	
-89.69		1472	-98.5	-0.8	-0.5	-0.8	-98.5	
-89.38		1474	-49.8	-0.8	-0.5	-0.8	-49.8	
-89.34		2334	-49.8	-3.2	-0.5	-3.2	-49.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

17.61		Max Cent	4.3	0.3	1.4	4.8	-0.1	
19.30		2332	4.2	0.1	1.6	4.8	-0.4	
17.67		1472	4.0	0.1	1.4	4.4	-0.4	
16.11		1474	5.5	1.5	1.2	5.8	1.2	
28.24		2334	3.7	1.8	1.5	4.5	1.0	
-67.21		Min Cent	-4.2	-2.1	-1.1	-1.7	-4.7	
-67.48		2332	-5.5	-3.7	-0.9	-3.3	-5.9	
-38.65		1472	-2.7	-3.2	-1.1	-1.8	-4.0	
-55.15		1474	-2.5	-1.6	-1.3	-0.7	-3.4	
-75.09		2334	-6.6	-2.9	-1.0	-2.6	-6.8	
		NODE	Vxx	Vyy				
		Max Cent	0.0	0.0				
		2332	0.0	0.0				
		1472	0.0	0.0				
		1474	0.0	0.0				
		2334	0.0	0.0				
		Min Cent	-0.0	-0.0				
		2332	-0.0	-0.0				
		1472	-0.0	-0.0				
		1474	-0.0	-0.0				
		2334	-0.0	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          pp          Cent    -229.3    18.7    261.3    183.9    -394.5
57.70
          2332    -306.5     1.5    261.3    150.8    -455.8
60.26
          1472    -306.5    36.0    261.3    177.1    -447.7
61.62
          1474    -152.2    36.0    261.3    219.6    -335.8
54.90
          2334    -152.2     1.5    261.3    197.0    -347.7
53.19

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
          Cent          12.6          -1.1          1.5          12.8          -1.3
6.33
          2332          13.1          -5.7          2.6          13.5          -6.1
7.59
          1472          11.4          -7.9          1.7          11.6          -8.0
4.91
          1474          18.2           5.1           0.8          18.3           5.0
3.60
          2334           7.8           4.1           1.7           8.5           3.4
21.28

          NODE          Vxx          Vyy
-----
          Cent          -0.0          -0.0
          2332           0.0          -0.0
          1472           0.0          -0.0
          1474          -0.0          -0.0
          2334          -0.0          -0.0

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----
          vento -y          Cent          -2.1           0.0           3.4           2.5          -4.5
53.62
          2332          -2.8          -0.3           3.4           2.0          -5.1
55.23
          1472          -2.8           0.3           3.4           2.5          -5.0
57.55
          1474          -1.3           0.3           3.4           3.0          -4.0
51.94
          2334          -1.3          -0.3           3.4           2.6          -4.2
49.32

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
          Cent           0.0          -0.0           0.0           0.0          -0.1
22.10
          2332           0.0          -0.1           0.0           0.0          -0.1
22.97
          1472           0.1          -0.1           0.0           0.1          -0.1
8.87
          1474           0.1           0.0           0.0           0.1           0.0
12.91
          2334          -0.1          -0.0           0.0          -0.0          -0.1
65.36

          NODE          Vxx          Vyy
-----

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

Cent      -0.0      -0.0
2332      -0.0      -0.0
1472      -0.0      -0.0
1474      -0.0      -0.0
2334      -0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-48.24	cedime~1	Cent	-32.0	-15.5	-72.4	49.2	-96.6
-48.41		2332	-22.8	-5.5	-72.4	58.9	-87.1
-44.45		1472	-22.8	-25.5	-72.4	48.3	-96.6
-48.08		1474	-41.2	-25.5	-72.4	39.5	-106.2
-51.92		2334	-41.2	-5.5	-72.4	51.3	-97.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-17.33	Cent	23.8	9.5	-5.0	25.4	7.9
-16.17	2332	29.5	11.5	-5.7	31.2	9.8
-25.60	1472	14.7	7.3	-4.6	16.9	5.1
-24.29	1474	14.3	6.6	-4.4	16.3	4.6
-12.21	2334	36.7	12.5	-5.5	37.9	11.3

```

NODE      Vxx      Vyy
Cent      0.0      0.0
2332      0.0      0.0
1472      0.0      0.0
1474      0.0      0.0
2334      0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.19	perm	Cent	-86.2	6.2	101.9	71.9	-151.9
59.52		2332	-114.1	-1.0	101.9	59.0	-174.1
61.00		1472	-114.1	13.3	101.9	69.7	-170.6
54.67		1474	-58.3	13.3	101.9	85.5	-130.5
52.86		2334	-58.3	-1.0	101.9	76.2	-135.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-1.98	Cent	2.8	-1.2	-0.1	2.8	-1.2
2.74	2332	2.5	-3.0	0.3	2.5	-3.0

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-1.32	1472	3.1	-3.4	-0.2	3.1	-3.4
-6.67	1474	4.8	1.0	-0.4	4.8	1.0
-10.21	2334	0.7	0.5	-0.0	0.7	0.5

NODE	Vxx	Vyy
Cent	-0.0	-0.0
2332	-0.0	-0.0
1472	-0.0	-0.0
1474	-0.0	-0.0
2334	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.12	INV TO~1	Max Cent	-74.2	20.2	217.5	195.6	-206.0
51.99		2332	-100.4	7.8	217.5	177.8	-218.5
53.56		1472	-100.4	33.6	217.5	194.2	-216.8
50.29		1474	-47.6	33.6	217.5	214.3	-171.9
48.63		2334	-47.6	7.8	217.5	199.4	-171.8
82.26	Min	Cent	-218.2	-11.7	28.6	-7.8	-249.6
83.78		2332	-269.8	-10.8	28.6	-7.7	-283.7
83.72		1472	-269.8	-13.3	28.6	-10.2	-281.8
79.78		1474	-166.7	-13.3	28.6	-8.2	-228.3
79.93		2334	-166.7	-10.8	28.6	-5.7	-239.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.01	Max	Cent	32.4	8.7	2.0	32.8
-5.89		2332	37.7	8.7	2.7	38.1
-7.66		1472	23.2	4.0	2.0	23.6
-9.56		1474	26.5	9.7	1.5	27.0
-6.97		2334	42.5	15.5	2.1	42.9
-34.89	Min	Cent	-3.0	-4.1	-6.5	-1.9
-16.25		2332	-5.0	-8.0	-6.7	-4.7
-12.07		1472	-0.5	-7.7	-6.2	-0.2
-30.02		1474	1.4	-1.1	-6.5	2.7
-74.23		2334	-8.2	-3.5	-6.9	-3.1

NODE	Vxx	Vyy
Max Cent	0.0	-0.0

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	2332	0.0	-0.0
	1472	0.0	-0.0
	1474	0.0	-0.0
	2334	0.0	-0.0
Min	Cent	-0.0	-0.0
	2332	-0.0	-0.0
	1472	-0.0	-0.0
	1474	-0.0	-0.0
	2334	-0.0	-0.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.70	INV TO~2	Max	Cent	-74.2	25.3	352.7	248.3	-206.0
60.26			2332	-100.4	7.8	352.7	203.6	-218.5
61.62			1472	-100.4	48.6	352.7	239.1	-216.8
54.90			1474	-47.6	48.6	352.7	296.5	-171.9
53.19			2334	-47.6	7.8	352.7	266.0	-171.8
82.26		Min	Cent	-309.6	-11.7	28.6	-7.8	-532.6
83.78			2332	-413.8	-10.8	28.6	-7.7	-615.3
83.72			1472	-413.8	-13.3	28.6	-10.2	-604.3
79.78			1474	-205.4	-13.3	28.6	-8.2	-453.3
79.93			2334	-205.4	-10.8	28.6	-5.7	-469.4

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.01		Max	Cent	32.4	8.7	2.1	32.8	8.4
-5.89			2332	37.7	8.7	3.4	38.1	8.4
-7.66			1472	23.2	4.0	2.3	23.6	3.6
-9.56			1474	26.5	9.7	1.5	27.0	9.2
-6.97			2334	42.5	15.5	2.3	42.9	15.1
-34.89		Min	Cent	-3.0	-4.1	-6.5	-1.9	-5.2
-16.25			2332	-5.0	-8.0	-6.7	-4.7	-8.2
-12.07			1472	-0.5	-10.6	-6.2	-0.2	-10.8
-30.02			1474	1.4	-1.1	-6.5	2.7	-2.3
-74.23			2334	-8.2	-3.5	-6.9	-3.1	-8.6

	NODE	Vxx	Vyy
Max	Cent	0.0	-0.0
	2332	0.0	-0.0
	1472	0.0	-0.0
	1474	0.0	-0.0
	2334	0.0	-0.0
Min	Cent	-0.0	-0.0

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2332 -0.0 -0.0
 1472 -0.0 -0.0
 1474 -0.0 -0.0
 2334 -0.0 -0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2214	2	15	c mob-a	Max Cent	10.0	26.9	84.3	103.2	-66.3
47.86				2406	3.2	3.8	84.3	87.8	-80.8
45.09				1546	3.2	83.9	84.3	137.0	-49.9
57.78				1548	22.6	83.9	84.3	143.0	-36.4
54.99				2408	22.6	3.8	84.3	98.0	-71.6
41.81				Min Cent	-27.1	-20.5	-58.4	34.8	-82.3
-46.62				2406	-38.3	-72.7	-58.4	5.4	-116.4
-36.80				1546	-38.3	-0.8	-58.4	41.8	-80.9
-53.90				1548	-22.5	-0.8	-58.4	47.8	-71.1
-50.27				2408	-22.5	-72.7	-58.4	16.0	-111.2
-33.38									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	16.8	6.3	3.1	17.6	5.5
15.18				2406	30.4	10.7	2.3	30.6	10.4
6.44				1546	8.9	3.1	4.1	11.0	0.9
27.26				1548	7.9	3.3	4.4	10.6	0.7
30.96				2408	27.0	9.0	2.5	27.3	8.7
7.70				Min Cent	-71.7	-27.1	-3.6	-26.8	-72.0
-85.43				2406	-145.5	-49.9	-3.9	-49.7	-145.7
-87.65				1546	-21.9	-11.7	-4.1	-10.2	-23.3
-70.59				1548	-18.7	-11.3	-3.6	-9.8	-20.2
-67.85				2408	-131.1	-45.2	-3.8	-45.0	-131.3
-87.46									
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				2406	0.0	0.0			
				1546	0.0	0.0			
				1548	0.0	0.0			
				2408	0.0	0.0			
				Min Cent	-0.2	-0.0			
				2406	-0.2	-0.0			
				1546	-0.2	-0.0			
				1548	-0.1	-0.0			
				2408	-0.1	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.51	c mob-b	Max Cent	10.6	29.9	109.4	130.1	-89.6
44.67		2406	4.5	2.1	109.4	112.7	-106.1
56.24		1546	4.5	95.0	109.4	168.2	-68.6
54.20		1548	22.3	95.0	109.4	173.9	-56.6
42.36		2408	22.3	2.1	109.4	122.0	-97.7
-50.20		Min Cent	-46.7	-18.9	-75.7	44.1	-109.8
-41.74		2406	-57.9	-75.2	-75.7	9.7	-142.7
-55.34		1546	-57.9	-0.7	-75.7	51.6	-110.2
-52.97		1548	-43.9	-0.7	-75.7	56.4	-101.1
-39.17		2408	-43.9	-75.2	-75.7	17.7	-136.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.16	Max Cent	25.2	9.9	3.8	26.0	9.0
5.48	2406	45.4	16.5	2.8	45.7	16.3
22.66	1546	14.6	4.8	4.9	16.6	2.8
24.26	1548	13.9	4.8	5.2	16.2	2.5
6.30	2408	40.3	13.8	3.0	40.6	13.5
-85.31	Min Cent	-74.5	-28.1	-3.8	-27.8	-74.8
-87.87	2406	-155.6	-53.1	-3.8	-52.9	-155.8
-70.57	1546	-23.6	-12.0	-4.7	-10.4	-25.2
-67.76	1548	-20.6	-12.3	-4.1	-10.6	-22.3
-87.70	2408	-141.9	-48.8	-3.7	-48.6	-142.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2406	0.0	0.0
	1546	0.0	0.0
	1548	0.0	0.0
	2408	0.0	0.0
Min	Cent	-0.2	-0.0
	2406	-0.2	-0.0
	1546	-0.2	-0.0
	1548	-0.2	-0.0
	2408	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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	pp	Cent	Mxx	Myy	Mxy	Mmax	Mmin
43.12			-3.5	-11.0	56.5	49.3	-63.8
16.79		2406	-11.9	-181.9	56.5	5.2	-198.9
73.34		1546	-11.9	160.0	56.5	176.8	-28.7
71.98		1548	4.8	160.0	56.5	178.3	-13.6
15.58		2408	4.8	-181.9	56.5	20.5	-197.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-87.10		Cent	-38.0	-16.1	-1.1	-16.0	-38.1
-89.03		2406	-179.2	-57.8	-2.1	-57.8	-179.2
-0.61		1546	97.8	23.9	-0.8	97.8	23.9
-0.49		1548	89.8	23.5	-0.6	89.8	23.5
-89.01		2408	-160.5	-53.8	-1.8	-53.8	-160.5
		NODE	Vxx	Vyy			

		Cent	-0.3	-0.0			
		2406	-0.3	0.0			
		1546	-0.3	-0.0			
		1548	-0.3	-0.0			
		2408	-0.3	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

89.84	vento -y	Cent	1.0	17.7	0.0	17.7	1.0
89.86		2406	0.5	19.9	0.0	19.9	0.5
89.82		1546	0.5	15.5	0.0	15.5	0.5
89.81		1548	1.5	15.5	0.0	15.5	1.5
89.85		2408	1.5	19.9	0.0	19.9	1.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-85.70		Cent	-1.0	-0.4	-0.0	-0.4	-1.0
-87.44		2406	-2.0	-0.8	-0.1	-0.8	-2.0
-39.24		1546	-0.2	-0.2	-0.0	-0.2	-0.3
-69.07		1548	-0.2	-0.1	-0.1	-0.1	-0.2
-87.38		2408	-1.8	-0.5	-0.1	-0.5	-1.8
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		2406	-0.0	-0.0			

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1546 -0.0 -0.0
 1548 -0.0 -0.0
 2408 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-6.16	cedime~1	Cent	0.3	-14.8	-1.6	0.4	-14.9
-57.27		2406	0.8	2.3	-1.6	3.3	-0.3
-2.88		1546	0.8	-31.8	-1.6	0.8	-31.9
-2.97		1548	-0.3	-31.8	-1.6	-0.2	-31.9
-63.73		2408	-0.3	2.3	-1.6	3.1	-1.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-7.11		Cent	3.5	0.6	-0.4	3.6	0.6
-2.17		2406	7.4	2.0	-0.2	7.4	2.0
-24.69		1546	0.3	-0.3	-0.3	0.5	-0.5
-27.10		1548	-0.0	-0.8	-0.5	0.2	-1.1
-4.57		2408	6.4	1.6	-0.4	6.5	1.6

	NODE	Vxx	Vyy

	Cent	0.0	0.0
	2406	0.0	0.0
	1546	0.0	0.0
	1548	0.0	0.0
	2408	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

53.01	perm	Cent	-10.6	1.1	20.3	16.3	-25.9
20.77		2406	-10.5	-56.3	20.3	-2.8	-64.0
74.76		1546	-10.5	58.5	20.3	64.0	-16.1
74.79		1548	-10.7	58.5	20.3	64.0	-16.2
20.83		2408	-10.7	-56.3	20.3	-3.0	-64.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

80.32		Cent	-2.0	-1.2	0.1	-1.1	-2.0
89.69		2406	-4.9	-1.8	0.0	-1.8	-4.9
12.55		1546	0.2	-0.8	0.2	0.2	-0.8

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31.63	1548	0.1	-0.2	0.3	0.3	-0.4
86.56	2408	-3.2	-1.9	0.1	-1.9	-3.2

NODE	Vxx	Vyy
Cent	-0.0	0.0
2406	-0.0	0.0
1546	-0.0	-0.0
1548	-0.0	-0.0
2408	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.20	INV TO~1	Max	Cent	4.0	41.4	168.0	191.6	-135.4
41.03			2406	-3.6	-49.0	168.0	141.8	-194.2
59.82			1546	-3.6	186.7	168.0	284.4	-102.1
58.21			1548	19.8	186.7	168.0	290.8	-84.3
39.03			2408	19.8	-49.0	168.0	156.0	-184.5
-50.44		Min	Cent	-73.7	-41.3	-83.5	27.7	-151.4
-33.55			2406	-88.6	-157.8	-83.5	-34.3	-212.2
-62.09			1546	-88.6	25.6	-83.5	69.9	-132.1
-59.92			1548	-70.3	25.6	-83.5	74.0	-118.6
-30.90			2408	-70.3	-157.8	-83.5	-21.0	-206.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
11.62	Max	Cent	35.5	12.8	5.2	36.5	11.8	
4.93			2406	63.8	22.5	3.8	64.1	22.2
22.15			1546	20.1	5.7	6.9	22.6	3.0
24.49			1548	18.9	6.3	7.2	22.2	3.0
5.32			2408	57.6	18.3	4.1	57.9	18.0
-85.49	Min	Cent	-102.6	-39.1	-5.4	-38.7	-103.0	
-87.86			2406	-215.0	-73.4	-5.5	-73.2	-215.2
-70.20			1546	-31.6	-17.3	-6.4	-14.8	-33.8
-65.74			1548	-27.8	-17.6	-5.8	-15.0	-30.4
-87.71			2408	-194.8	-67.8	-5.5	-67.6	-195.0

NODE	Vxx	Vyy	
Max	Cent	0.1	0.0
	2406	0.1	0.0
	1546	0.1	0.0

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	1548	0.1	0.0
	2408	0.1	0.0
Min	Cent	-0.2	-0.0
	2406	-0.2	-0.0
	1546	-0.2	-0.0
	1548	-0.2	-0.0
	2408	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

48.20	INV TO~2	Max Cent	4.0	41.4	168.0	191.6	-86.2
41.03		2406	-3.6	-49.0	168.0	141.8	-194.2
59.82		1546	-3.6	215.9	168.0	284.4	-38.8
58.21		1548	19.8	215.9	168.0	290.8	-18.3
39.03		2408	19.8	-49.0	168.0	156.0	-184.5
-50.44		Min Cent	-73.7	-41.3	-83.5	27.7	-151.4
-33.55		2406	-88.6	-245.5	-83.5	-34.3	-268.5
-62.09		1546	-88.6	25.6	-83.5	69.9	-132.1
-59.92		1548	-70.3	25.6	-83.5	74.0	-118.6
-30.90		2408	-70.3	-245.5	-83.5	-21.0	-266.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

11.62	Max Cent	35.5	12.8	5.2	36.5	11.8	
4.93		2406	63.8	22.5	3.8	64.1	22.2
-0.61		1546	132.1	32.2	6.9	132.1	32.2
-0.49		1548	121.2	31.7	7.2	121.2	31.7
5.32		2408	57.6	18.3	4.1	57.9	18.0
-85.49	Min Cent	-102.6	-39.1	-5.4	-38.7	-103.0	
-89.03		2406	-241.9	-78.0	-5.5	-78.0	-241.9
-70.20		1546	-31.6	-17.3	-6.4	-14.8	-33.8
-65.74		1548	-27.8	-17.6	-5.8	-15.0	-30.4
-89.01		2408	-216.7	-72.6	-5.5	-72.6	-216.7

	NODE	Vxx	Vyy

Max	Cent	0.1	0.0
	2406	0.1	0.0
	1546	0.1	0.0
	1548	0.1	0.0
	2408	0.1	0.0
Min	Cent	-0.4	-0.0
	2406	-0.4	-0.0
	1546	-0.4	-0.0

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
				1548	-0.4	-0.0			
				2408	-0.4	-0.0			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2215	2	15	c mob-a	Max Cent	34.4	30.5	96.2	128.7	-63.8
44.42				2408	21.9	3.6	96.2	109.4	-83.9
42.28				1548	21.9	89.2	96.2	157.5	-46.4
54.63				1551	57.2	89.2	96.2	170.7	-24.3
49.71				2410	57.2	3.6	96.2	130.3	-69.5
37.21				Min Cent	-16.9	-30.2	-59.0	35.9	-83.0
-41.77				2408	-23.4	-87.3	-59.0	11.8	-122.5
-30.78				1548	-23.4	-1.0	-59.0	47.9	-72.3
-50.36				1551	-22.1	-1.0	-59.0	48.4	-71.6
-50.07				2410	-22.1	-87.3	-59.0	12.7	-122.2
-30.55									

ELEM	MAT	SEC	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	13.4	5.4	3.1	14.4	4.3
18.73				2408	27.0	9.2	2.9	27.5	8.7
9.05				1548	7.8	3.2	4.5	10.6	0.5
31.31				1551	5.7	3.7	4.7	9.5	-0.1
39.22				2410	15.9	7.1	3.0	16.9	6.1
17.24				Min Cent	-57.5	-26.1	-3.0	-25.9	-57.8
-84.62				2408	-130.6	-43.3	-5.3	-43.0	-130.9
-86.54				1548	-18.7	-11.4	-2.6	-10.5	-19.6
-72.21				1551	-24.1	-17.7	-2.5	-16.8	-24.9
-71.22				2410	-71.9	-34.6	-4.9	-33.9	-72.5
-82.65									

ELEM	MAT	SEC	LC	NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				2408	0.0	0.0			
				1548	0.0	0.0			
				1551	0.0	0.0			
				2410	0.0	0.0			
				Min Cent	-0.1	-0.0			
				2408	-0.1	-0.0			
				1548	-0.1	-0.0			
				1551	-0.1	-0.0			
				2410	-0.1	-0.0			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

45.59	c mob-b	Max	Cent	32.2	37.2	121.6	156.3	-86.9
43.17			2408	21.0	5.4	121.6	135.0	-108.7
54.35			1548	21.0	103.2	121.6	190.4	-66.2
50.50			1551	56.0	103.2	121.6	203.4	-44.3
39.12			2410	56.0	5.4	121.6	154.8	-93.5
-44.84		Min	Cent	-28.1	-29.0	-77.0	48.5	-105.5
-36.38			2408	-44.8	-92.6	-77.0	11.9	-149.3
-52.93			1548	-44.8	-1.1	-77.0	57.1	-103.0
-50.68			1551	-32.0	-1.1	-77.0	62.0	-95.1
-34.26			2410	-32.0	-92.6	-77.0	20.4	-145.0

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
15.77		Max	Cent		20.0	8.2	3.6	21.0	7.2
7.62			2408		40.3	13.9	3.6	40.8	13.5
24.10			1548		13.8	4.7	5.1	16.1	2.4
38.14			1551		8.5	5.8	5.5	12.9	1.5
15.46			2410		23.9	11.4	3.8	24.9	10.3
-84.77		Min	Cent		-60.2	-28.3	-2.9	-28.0	-60.5
-86.72			2408		-141.3	-46.8	-5.4	-46.5	-141.6
-72.65			1548		-20.6	-12.3	-2.9	-11.5	-21.5
-67.32			1551		-24.6	-19.4	-2.7	-18.3	-25.8
-82.86			2410		-76.7	-38.3	-4.9	-37.7	-77.3

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		2408		0.0	0.0
		1548		0.0	0.0
		1551		0.0	0.0
		2410		0.0	0.0
	Min	Cent		-0.1	-0.0
		2408		-0.2	-0.0
		1548		-0.2	-0.0
		1551		-0.1	-0.0
		2410		-0.1	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
34.96	pp		Cent	15.7	-18.3	46.5	48.3	-50.8

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2410			-0.0	0.0			
ANGLE							

-9.70	cedime~1	Cent	-1.5	-13.3	-2.1	-1.2	-13.6
-65.35		2408	0.2	3.7	-2.1	4.7	-0.8
-3.86		1548	0.2	-30.3	-2.1	0.3	-30.5
-4.35		1551	-3.2	-30.3	-2.1	-3.1	-30.5
-74.67		2410	-3.2	3.7	-2.1	4.3	-3.8
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

-16.75		Cent	2.7	0.4	-0.8	2.9	0.1
-6.03		2408	6.4	1.5	-0.5	6.4	1.4
-32.48		1548	-0.0	-0.7	-0.8	0.5	-1.2
-27.98		1551	1.2	-0.0	-0.9	1.7	-0.5
-14.51		2410	3.2	0.8	-0.7	3.4	0.7
		NODE	Vxx	Vyy			

		Cent	0.0	-0.0			
		2408	0.0	-0.0			
		1548	0.0	-0.0			
		1551	0.0	-0.0			
		2410	0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

55.58	perm	Cent	-10.0	0.1	13.0	9.0	-18.9
15.15		2408	-11.0	-55.6	13.0	-7.5	-59.1
79.34		1548	-11.0	55.8	13.0	58.2	-13.4
79.04		1551	-9.0	55.8	13.0	58.3	-11.5
14.62		2410	-9.0	-55.6	13.0	-5.6	-59.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

59.34		Cent	-1.2	-0.9	0.3	-0.7	-1.4
82.18		2408	-3.0	-1.2	0.2	-1.2	-3.0
31.70		1548	0.0	-0.3	0.4	0.3	-0.6
46.68		1551	-1.0	-1.0	0.4	-0.7	-1.4

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Min	Cent	-0.1	-0.0
	2408	-0.2	-0.0
	1548	-0.2	-0.0
	1551	-0.1	-0.0
	2410	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.12	INV TO~2	Max Cent	36.5	50.3	177.1	220.7	-68.6
39.65		2408	18.8	-44.6	177.1	165.4	-190.8
58.24		1548	18.8	206.2	177.1	304.8	-14.4
54.85		1551	68.2	206.2	177.1	319.8	18.0
35.89		2410	68.2	-44.6	177.1	196.4	-173.3
-44.30	Min	Cent	-49.4	-54.0	-93.0	41.3	-144.7
-29.51		2408	-71.5	-255.5	-93.0	-20.1	-270.0
-58.57		1548	-71.5	24.0	-93.0	80.8	-128.1
-56.57		1551	-55.5	24.0	-93.0	85.3	-116.8
-27.38		2410	-55.5	-255.5	-93.0	-5.2	-268.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.23	Max	Cent	28.5	10.6	5.2	29.5
6.64		2408	57.8	19.0	5.1	58.3
0.36		1548	121.0	31.0	7.3	121.0
38.51		1551	11.7	6.9	7.8	16.7
12.79		2410	34.6	15.3	5.3	35.6
-85.18	Min	Cent	-82.5	-39.1	-4.5	-38.8
-88.87		2408	-215.7	-69.5	-7.6	-69.4
-69.86		1548	-27.8	-17.8	-4.3	-16.2
-68.90		1551	-34.3	-27.2	-4.2	-25.9
-83.09		2410	-104.4	-52.5	-7.1	-51.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2408	0.1	0.0
	1548	0.1	0.0
	1551	0.0	0.0
	2410	0.0	0.0
Min	Cent	-0.2	-0.0
	2408	-0.4	-0.0
	1548	-0.4	-0.0
	1551	-0.1	-0.0
	2410	-0.1	-0.0

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2254	2	15	c mob-a	Max Cent	0.9	38.0	23.1	49.1	-10.2
	64.37			2558	0.9	32.0	23.1	44.3	-11.4
	61.98			1701	0.9	44.3	23.1	54.3	-9.1
	66.58			1705	1.1	44.3	23.1	54.3	-8.9
	66.51			2562	1.1	32.0	23.1	44.4	-11.3
	61.89			Min Cent	-149.1	-18.8	-193.1	119.8	-287.7
	-54.33			2558	-119.9	-25.4	-193.1	126.1	-271.4
	-51.88			1701	-119.9	-14.2	-193.1	133.1	-267.2
	-52.65			1705	-196.8	-14.2	-193.1	108.0	-319.1
	-57.65			2562	-196.8	-25.4	-193.1	100.1	-322.3
	-56.97								
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	2.8	2.6	2.0	4.7	0.7
	43.88			2558	5.6	7.3	1.5	8.3	4.7
	59.51			1701	2.1	3.0	2.3	4.9	0.2
	50.57			1705	3.1	3.7	1.9	5.4	1.5
	49.38			2562	4.4	3.3	1.3	5.2	2.5
	32.57			Min Cent	-11.5	-10.2	-1.5	-9.2	-12.5
	-56.03			2558	-16.0	-16.1	-1.3	-14.7	-17.3
	-43.60			1701	-11.1	-9.4	-1.2	-8.8	-11.7
	-62.79			1705	-12.0	-13.7	-1.7	-10.9	-14.8
	-32.26			2562	-11.0	-8.4	-1.8	-7.5	-11.9
	-62.85								
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				2558	0.0	0.0			
				1701	0.0	0.0			
				1705	0.0	0.0			
				2562	0.0	0.0			
				Min Cent	-0.0	-0.0			
				2558	-0.0	-0.0			
				1701	-0.0	-0.0			
				1705	-0.0	-0.0			
				2562	-0.0	-0.0			
ANGLE			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
71.70          c mob-b Max Cent      2.1      33.6      11.7      37.5      -1.7
                2558      2.0      26.1      11.7      30.9      -2.7
                1701      2.0      42.2      11.7      45.4      -1.1
74.90          1705      2.3      42.2      11.7      45.4      -0.8
74.81          2562      2.3      26.1      11.7      30.9      -2.4
67.74          Min Cent     -157.0   -30.0   -205.4   121.4   -308.5
-53.59          2558     -123.7   -35.6   -205.4   130.4   -289.7
-51.05          1701     -123.7   -27.5   -205.4   135.3   -286.5
-51.59          1705     -201.0   -27.5   -205.4   108.7   -337.1
-56.45          2562     -201.0   -35.6   -205.4   103.1   -339.7
-55.97
    
```

```

                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
    
```

```

-----
                Max Cent      11.3      9.9      1.7      12.5      8.8
                2558     19.7     22.2      1.6     23.0     19.0
                1701      7.3     10.1      2.3     11.4      6.0
                1705      8.4      8.7      1.9     10.4      6.7
                2562     13.2      6.2      1.4     13.4      5.9
10.79          Min Cent      -9.9     -9.3     -2.8     -6.8    -12.4
-47.82          2558    -12.5    -12.7     -2.2    -10.4    -14.8
-43.57          1701    -10.5     -8.6     -2.2     -7.1    -12.0
-56.56          1705    -10.5    -12.6     -2.9     -8.5    -14.6
-35.17          2562     -6.8     -6.9     -2.9     -4.0     -9.8
-44.41
    
```

```

                NODE      Vxx      Vyy
-----
                Max Cent      0.0      0.0
                2558      0.0      0.0
                1701      0.0      0.0
                1705      0.0      0.0
                2562      0.0      0.0
                Min Cent     -0.0     -0.0
                2558     -0.0     -0.0
                1701     -0.0     -0.0
                1705     -0.0     -0.0
                2562     -0.0     -0.0
    
```

```

                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
                pp      Cent     -94.1     26.2    -201.3    176.1    -244.1
-53.32          2558     -38.2     19.2    -201.3    193.8    -212.9
-49.06
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.03	1701	-38.2	33.2	-201.3	201.9	-207.0
-57.23	1705	-150.0	33.2	-201.3	162.7	-279.6
-56.40	2562	-150.0	19.2	-201.3	153.0	-283.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-43.84	Cent	2.4	2.3	-1.6	4.0	0.7
-74.04	2558	0.3	5.0	-1.5	5.4	-0.1
-18.81	1701	2.7	0.8	-0.7	2.9	0.5
-36.08	1705	2.9	1.8	-1.7	4.2	0.6
-32.45	2562	3.7	1.5	-2.4	5.3	-0.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
2558	-0.0	0.0
1701	-0.0	-0.0
1705	0.0	-0.0
2562	0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

-51.65	vento -y	Cent	-0.6	0.8	-2.8	3.0	-2.8
-47.91		2558	-0.3	0.2	-2.8	2.8	-2.9
-52.96		1701	-0.3	1.3	-2.8	3.4	-2.5
-55.17		1705	-0.8	1.3	-2.8	3.2	-2.8
-50.30		2562	-0.8	0.2	-2.8	2.6	-3.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

79.63	Cent	-0.3	-0.2	0.0	-0.2	-0.3
7.01	2558	-0.1	-0.2	0.0	-0.1	-0.2
86.37	1701	-0.4	0.0	0.0	0.0	-0.4
-13.53	1705	-0.6	-0.7	-0.0	-0.6	-0.7
-35.19	2562	0.0	0.0	-0.0	0.1	-0.0

NODE	Vxx	Vyy
Cent	0.0	0.0
2558	0.0	-0.0
1701	0.0	0.0
1705	0.0	0.0
2562	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.02	cedime~1	Cent	66.7	-31.6	110.7	138.6	-103.6
37.91		2558	35.0	-20.9	110.7	121.2	-107.1
35.37		1701	35.0	-42.3	110.7	113.6	-120.9
28.78		1705	98.4	-42.3	110.7	159.1	-103.1
30.84		2562	98.4	-20.9	110.7	164.4	-87.0
			NODE	Mxx	Myy	Mxy	Mmax
20.61		Cent	13.9	10.6	1.5	14.4	10.0
13.25		2558	15.1	8.5	1.6	15.5	8.1
7.06		1701	12.9	5.8	0.9	13.0	5.7
57.32		1705	15.8	17.3	1.6	18.4	14.8
38.54		2562	11.8	10.7	2.4	13.7	8.8
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		2558	0.0	-0.0			
		1701	0.0	-0.0			
		1705	-0.0	-0.0			
		2562	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.69	perm	Cent	-34.5	3.7	-69.5	56.7	-87.5
-48.73		2558	-16.8	1.4	-69.5	62.4	-77.8
-49.65		1701	-16.8	6.0	-69.5	65.0	-75.9
-56.36		1705	-52.3	6.0	-69.5	52.2	-98.5
-55.56		2562	-52.3	1.4	-69.5	49.1	-100.0
			NODE	Mxx	Myy	Mxy	Mmax
-49.30		Cent	1.4	1.4	-0.1	1.5	1.3
88.16		2558	1.0	1.7	0.0	1.7	1.0
15.57		1701	0.8	0.1	0.2	0.9	-0.0
-46.00		1705	2.0	2.0	-0.1	2.1	1.9
-52.58		2562	1.7	1.8	-0.3	2.1	1.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			NODE	Vxx	Vyy				
			Cent	-0.0	-0.0				
			2558	-0.0	0.0				
			1701	-0.0	-0.0				
			1705	-0.0	-0.0				
			2562	-0.0	0.0				
ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

		INV TO~1	Max	Cent	35.0	55.0	72.4	220.6	-43.4
-53.41				2558	20.9	44.7	72.4	238.2	-33.0
-50.59				1701	20.9	65.7	72.4	247.6	-29.5
-51.21				1705	49.3	65.7	72.4	199.0	-37.2
-56.43				2562	49.3	44.7	72.4	188.2	-37.0
-55.88			Min	Cent	-246.5	-68.5	-346.8	69.5	-503.9
-69.26				2558	-183.8	-67.6	-346.8	63.6	-468.7
-63.73				1701	-183.8	-73.4	-346.8	81.2	-462.5
-68.08				1705	-323.6	-73.4	-346.8	77.3	-553.7
-73.15				2562	-323.6	-67.6	-346.8	58.3	-558.5
-70.38									
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	

			Max	Cent	30.6	25.4	4.0	32.8	23.2
28.64				2558	42.7	40.2	3.8	45.5	37.4
35.64				1701	23.5	19.5	4.3	26.2	16.8
32.54				1705	29.2	31.1	4.1	34.4	25.9
51.31				2562	31.2	20.9	3.9	32.6	19.6
18.66			Min	Cent	-14.1	-12.4	-3.8	-9.3	-17.2
-51.11				2558	-20.5	-20.0	-3.0	-17.3	-23.2
-47.32				1701	-14.2	-12.6	-2.8	-10.5	-16.3
-52.94				1705	-14.2	-16.5	-4.0	-11.2	-19.5
-37.21				2562	-13.2	-9.5	-4.2	-6.7	-15.9
-56.76									
			NODE	Vxx	Vyy				
		Max	Cent	0.0	0.0				
			2558	0.0	0.0				
			1701	0.0	0.0				
			1705	0.0	0.0				
			2562	0.0	0.0				
		Min	Cent	-0.0	-0.0				
			2558	-0.0	-0.0				

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1701 -0.0 -0.0
 1705 -0.0 -0.0
 2562 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max Cent	35.0	55.0	72.4	237.8	-43.4
-53.32		2558	20.9	44.7	72.4	261.7	-33.0
-49.06		1701	20.9	65.7	72.4	272.6	-29.5
-50.03		1705	49.3	65.7	72.4	219.7	-37.2
-57.23		2562	49.3	44.7	72.4	206.5	-37.0
-56.40		Min Cent	-246.5	-68.5	-346.8	69.5	-503.9
-69.26		2558	-183.8	-67.6	-346.8	63.6	-468.7
-63.73		1701	-183.8	-73.4	-346.8	81.2	-462.5
-68.08		1705	-323.6	-73.4	-346.8	77.3	-553.7
-73.15		2562	-323.6	-67.6	-346.8	58.3	-558.5
-70.38							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max Cent	30.6	25.4	4.0	32.8	23.2
28.64		2558	42.7	40.2	3.8	45.5	37.4
35.64		1701	23.5	19.5	4.3	26.2	16.8
32.54		1705	29.2	31.1	4.1	34.4	25.9
51.31		2562	31.2	20.9	3.9	32.6	19.6
18.66		Min Cent	-14.1	-12.4	-3.8	-9.3	-17.2
-51.11		2558	-20.5	-20.0	-3.0	-17.3	-23.2
-47.32		1701	-14.2	-12.6	-2.8	-10.5	-16.3
-52.94		1705	-14.2	-16.5	-4.0	-11.2	-19.5
-37.21		2562	-13.2	-9.5	-4.2	-6.7	-15.9
-56.76							
		NODE	Vxx	Vyy			
		Max Cent	0.0	0.0			
		2558	0.0	0.0			
		1701	0.0	0.0			
		1705	0.0	0.0			
		2562	0.0	0.0			
		Min Cent	-0.0	-0.0			
		2558	-0.0	-0.0			
		1701	-0.0	-0.0			
		1705	-0.0	-0.0			
		2562	-0.0	-0.0			

PROJECT TITLE :

	Company		Client	
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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin			

2255	2	15	c mob-a	Max	Cent	0.6	17.1	53.7	63.2	-45.4		
49.38					2562	1.2	13.8	53.7	61.5	-46.5		
48.33					1705	1.2	24.2	53.7	67.6	-42.2		
51.03					1710	0.2	24.2	53.7	67.2	-42.8		
51.29					2567	0.2	13.8	53.7	61.1	-47.1		
48.61				Min	Cent	-173.1	-7.4	-47.0	5.0	-185.5		
-75.22					2562	-195.9	-12.1	-47.0	-0.8	-207.2		
-76.46					1705	-195.9	-6.2	-47.0	4.8	-206.9		
-76.83					1710	-150.5	-6.2	-47.0	7.7	-164.5		
-73.47					2567	-150.5	-12.1	-47.0	2.4	-165.0		
-72.92												

					NODE	Mxx	Myy	Mxy	Mmax	Mmin		

				Max	Cent	2.9	1.6	0.9	3.4	1.2		
26.37					2562	5.3	4.2	0.6	5.6	3.9		
22.45					1705	3.3	4.2	1.3	5.1	2.4		
54.27					1710	2.5	1.1	1.1	3.1	0.5		
28.14					2567	3.6	2.8	0.8	4.0	2.3		
31.02				Min	Cent	-10.9	-7.5	-3.9	-4.9	-13.5		
-56.85					2562	-11.7	-11.5	-3.2	-8.3	-14.8		
-45.78					1705	-12.6	-16.1	-3.3	-10.6	-18.1		
-30.84					1710	-9.5	-4.7	-4.2	-2.2	-12.0		
-59.78					2567	-13.4	-6.8	-4.4	-4.5	-15.6		
-63.39												

					NODE	Vxx	Vyy					

				Max	Cent	0.0	0.0					
					2562	0.0	0.0					
					1705	0.0	0.0					
					1710	0.0	0.0					
					2567	0.0	0.0					
				Min	Cent	-0.0	-0.0					
					2562	-0.0	-0.0					
					1705	-0.0	-0.0					
					1710	-0.0	-0.0					
					2567	-0.0	-0.0					

					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

					c mob-b	Max	Cent	1.3	14.9	29.7	38.6	-22.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-82.76		1710	-125.3	16.8	-18.3	19.1	-127.6
-82.04		2567	-125.3	3.4	-18.3	5.9	-127.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	4.1	0.2	-2.5	5.3	-1.1
-25.99		2562	4.2	3.0	-2.7	6.4	0.8
-38.76		1705	2.9	1.6	-1.9	4.3	0.2
-36.09		1710	4.1	-2.4	-2.3	4.9	-3.1
-17.31		2567	5.1	-1.6	-3.1	6.3	-2.8
-21.28							

	NODE	Vxx	Vyy
-----	Cent	0.0	0.0
	2562	0.0	0.0
	1705	0.0	0.0
	1710	0.0	0.0
	2567	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----		Cent	-0.7	0.4	-0.6	0.7	-1.0
-64.78	vento -y	2562	-0.9	-0.0	-0.6	0.3	-1.3
-62.84		1705	-0.9	0.7	-0.6	0.9	-1.2
-71.14		1710	-0.5	0.7	-0.6	1.0	-0.8
-66.52		2567	-0.5	-0.0	-0.6	0.4	-0.9
-54.87							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	-0.3	-0.2	-0.3	0.0	-0.5
-48.29		2562	0.0	-0.0	-0.2	0.2	-0.2
-42.35		1705	-0.6	-0.8	-0.2	-0.5	-0.9
-36.57		1710	-0.3	0.1	-0.3	0.2	-0.5
-58.85		2567	-0.2	-0.1	-0.3	0.2	-0.4
-50.02							

	NODE	Vxx	Vyy
-----	Cent	0.0	-0.0
	2562	0.0	0.0
	1705	0.0	-0.0
	1710	0.0	-0.0
	2567	0.0	0.0

LC

	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	cedime~1	Cent	74.8	-16.1	26.9	82.2	-23.4
15.29		2562	103.0	-14.1	26.9	108.9	-20.0
12.32		1705	103.0	-18.0	26.9	108.7	-23.7
11.96		1710	46.6	-18.0	26.9	56.3	-27.7
19.86		2567	46.6	-14.1	26.9	56.8	-24.3
20.74							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	12.5	8.7	4.6	15.6	5.6
34.06	2562	12.4	12.7	3.9	16.4	8.7
46.12	1705	16.5	19.5	4.0	22.3	13.7
55.33	1710	10.7	1.2	5.2	13.0	-1.1
23.67	2567	10.3	1.5	5.0	12.6	-0.7
24.38						

NODE	Vxx	Vyy
Cent	-0.0	0.0
2562	-0.0	0.0
1705	-0.0	0.0
1710	-0.0	0.0
2567	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-46.1	1.3	-5.9	2.1	-46.8
-83.03		2562	-53.0	-2.5	-5.9	-1.8	-53.7
-83.44		1705	-53.0	5.2	-5.9	5.8	-53.6
-84.28		1710	-39.1	5.2	-5.9	5.9	-39.9
-82.56		2567	-39.1	-2.5	-5.9	-1.6	-40.0
-81.10							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2.1	0.8	-0.3	2.1	0.7
-12.65	2562	1.8	2.1	-0.5	2.5	1.5
-56.04	1705	2.1	2.2	-0.1	2.2	2.0
-62.74	1710	1.9	-0.9	-0.2	2.0	-0.9
-3.66	2567	2.5	-0.3	-0.6	2.6	-0.5
-10.85						

NODE	Vxx	Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      0.0      0.0
          2562     -0.0      0.0
          1705     -0.0      0.0
          1710      0.0      0.0
          2567      0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

41.63	INV TO~1	Max	Cent	30.5	24.5	93.4	113.5	-74.6
37.27			2562	53.7	16.1	93.4	124.8	-69.1
39.87			1705	53.7	37.8	93.4	131.7	-58.2
46.80			1710	8.1	37.8	93.4	107.6	-77.1
44.07			2567	8.1	16.1	93.4	98.5	-83.2
-76.90		Min	Cent	-279.7	-24.8	-71.2	-14.4	-297.3
-77.37			2562	-325.5	-34.6	-71.2	-24.7	-341.3
-78.11			1705	-325.5	-21.2	-71.2	-11.9	-340.6
-76.53			1710	-242.3	-21.2	-71.2	-10.6	-261.9
-75.59			2567	-242.3	-34.6	-71.2	-23.2	-263.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

24.74	Max	Cent	27.8	14.5	7.7	31.4	11.0	
33.89			2562	33.1	28.4	5.7	36.9	24.6
55.79			1705	31.5	37.5	7.6	42.6	26.3
22.24			1710	20.5	2.2	9.0	24.2	-0.4
17.04			2567	30.5	9.3	7.2	32.8	7.4
-52.89	Min	Cent	-12.7	-9.3	-5.9	-4.8	-17.2	
-46.82			2562	-14.0	-13.4	-4.8	-8.8	-18.5
-33.47			1705	-14.9	-19.6	-5.5	-11.3	-23.2
-52.68			1710	-10.9	-7.3	-6.6	-2.3	-16.0
-57.45			2567	-15.6	-9.5	-6.6	-5.3	-19.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2562	0.0	0.0
	1705	0.0	0.0
	1710	0.0	0.0
	2567	0.0	0.0
Min	Cent	-0.0	-0.0
	2562	-0.0	-0.0
	1705	-0.0	-0.0
	1710	-0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			2567	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

41.63	INV TO~2	Max Cent	30.5	24.5	93.4	113.5	-74.6	
37.27		2562	53.7	16.1	93.4	124.8	-69.1	
39.87		1705	53.7	37.8	93.4	131.7	-58.2	
46.80		1710	8.1	37.8	93.4	107.6	-77.1	
44.07		2567	8.1	16.1	93.4	98.5	-83.2	
-76.90		Min Cent	-279.7	-24.8	-71.2	-14.4	-297.3	
-77.37		2562	-325.5	-34.6	-71.2	-24.7	-341.3	
-78.11		1705	-325.5	-21.2	-71.2	-11.9	-340.6	
-76.53		1710	-242.3	-21.2	-71.2	-10.6	-261.9	
-75.59		2567	-242.3	-34.6	-71.2	-23.2	-263.2	

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

24.74		Max Cent	27.8	14.5	7.7	31.4	11.0	
33.89		2562	33.1	28.4	5.7	36.9	24.6	
55.79		1705	31.5	37.5	7.6	42.6	26.3	
22.24		1710	20.5	2.2	9.0	24.2	-0.4	
17.04		2567	30.5	9.3	7.2	32.8	7.4	
-52.89		Min Cent	-12.7	-9.3	-5.9	-4.8	-17.2	
-46.82		2562	-14.0	-13.4	-4.8	-8.8	-18.5	
-33.47		1705	-14.9	-19.6	-5.5	-11.3	-23.2	
-52.68		1710	-10.9	-7.3	-6.6	-2.3	-16.0	
-57.45		2567	-15.6	-9.5	-6.6	-5.3	-19.8	

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2562	0.0	0.0
	1705	0.0	0.0
	1710	0.0	0.0
	2567	0.0	0.0
Min	Cent	-0.0	-0.0
	2562	-0.0	-0.0
	1705	-0.0	-0.0
	1710	-0.0	-0.0
	2567	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2392	2	12	c mob-a	Max	Cent	14.9	22.8	9.5	29.1	8.6
56.40						2565	26.6	24.6	9.4	16.1
42.02						2309	26.7	22.4	9.5	14.8
38.66						2566	31.8	22.3	9.5	16.4
31.84						2564	31.6	24.5	9.4	18.0
34.67										
-60.06				Min	Cent	-11.3	-0.5	-9.3	4.8	-16.7
-78.37						2565	-42.0	-1.5	-8.7	-43.8
-76.98						2309	-42.3	-3.2	-9.6	-44.5
-55.30						2566	-10.1	-2.9	-9.5	-16.7
-58.05						2564	-10.0	-1.5	-8.7	-15.5
						NODE	Mxx	Myy	Mxy	Mmax

				Max	Cent	2.8	3.5	5.0	8.2	-1.9
47.20						2565	13.5	2.8	4.1	1.4
18.65						2309	27.2	5.1	3.0	4.7
7.58						2566	12.1	9.6	4.3	6.4
37.02						2564	6.7	5.9	4.7	1.6
42.64										
-43.25				Min	Cent	-1.3	-1.7	-3.6	2.1	-5.1
-81.03						2565	-25.7	-7.6	-2.9	-26.2
-77.81						2309	-12.9	-1.9	-2.5	-13.4
-69.10						2566	-7.1	-0.5	-3.0	-8.2
-57.27						2564	-9.0	-6.4	-2.9	-10.9
						NODE	Vxx	Vyy		
				Max	Cent	0.0	0.0			
						2565	0.0	0.0		
						2309	0.0	0.0		
						2566	0.0	0.0		
						2564	0.0	0.0		
				Min	Cent	-0.0	-0.0			
						2565	-0.1	-0.0		
						2309	-0.1	-0.0		
						2566	-0.0	-0.0		
						2564	-0.0	-0.0		
						NODE	Fxx	Fyy	Fxy	Fmax

				LC						
				c mob-b	Max	Cent	23.6	44.3	14.8	15.9
62.53						2565	37.4	51.2	14.4	28.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
17.48          cedime~1      Cent      11.2      -1.8      4.5      12.6      -3.2
25.47          2565          6.4      -1.0      4.6      8.6      -3.2
22.64          2309          6.3      -2.6      4.5      8.2      -4.4
13.00          2566          15.9     -2.5      4.5      17.0     -3.6
14.15          2564          15.9     -1.1      4.6      17.0     -2.2
-----
                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
16.07          Cent      0.9      -1.3      0.7      1.1      -1.5
30.31          2565     -0.2      -1.0      0.7      0.2      -1.4
3.28           2309      3.4      0.6      0.2      3.4      0.6
20.12          2566      1.4      -0.1      0.6      1.7      -0.3
15.29          2564     -0.9     -4.7      1.1     -0.6     -5.0
-----
                                NODE      Vxx      Vyy
                                -----
Cent      -0.0      0.0
2565     -0.0      0.0
2309     -0.0      0.0
2566     -0.0      0.0
2564     -0.0      0.0
-----
                                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-55.01         perm      Cent      2.4      4.4     -2.8      6.4      0.4
-85.36         2565     -23.2     9.0     -2.6      9.2     -23.4
-82.73         2309     -23.4     -0.1     -3.0      0.3     -23.8
-6.12          2566      27.8      0.1     -3.0      28.1     -0.3
-7.84          2564      27.7      8.8     -2.6      28.0      8.5
-----
                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
41.07          Cent      0.4      -0.2     2.3      2.4     -2.2
81.48          2565     -17.8     -5.8     1.8     -5.5     -18.1
4.54           2309      18.4      3.9     1.2     18.5      3.8
21.11          2566      7.4      3.8     1.6     8.0      3.2
66.44          2564     -6.2     -2.8     1.9     -1.9     -7.0
-----
                                NODE      Vxx      Vyy
                                -----
Cent      -0.0     -0.0
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2565 -0.0 0.0
 2309 -0.0 -0.0
 2566 -0.0 -0.0
 2564 -0.0 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
55.77	INV TO~1 Max	Cent	45.4	64.3	21.6	77.2	30.7
67.70		2565	33.7	78.1	21.4	85.8	24.9
55.39		2309	33.7	52.9	21.9	65.4	18.6
11.37		2566	155.1	53.1	21.9	159.5	49.7
14.40		2564	154.3	77.5	21.4	159.7	73.1
-45.97	Min	Cent	-12.9	-0.6	-22.0	16.3	-29.0
-83.44		2565	-139.2	4.4	-20.6	6.3	-142.1
-81.22		2309	-140.2	-14.1	-23.4	-11.2	-144.4
-31.14		2566	14.2	-12.9	-23.4	28.3	-24.5
-38.95		2564	14.1	4.2	-20.6	30.8	-11.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
37.32	Max Cent	9.8	5.5	10.3	17.7	-2.6
39.79		2565	0.5	-2.0	8.8	-9.0
5.30		2309	72.6	15.3	5.4	14.8
16.15		2566	44.9	18.4	8.4	16.2
36.46		2564	14.0	8.7	9.8	2.3
-27.63	Min Cent	-1.3	-6.2	-2.6	0.1	-6.8
-88.18		2565	-67.4	-23.2	-2.1	-23.2
-46.66		2309	0.9	1.3	-2.6	3.7
-82.10		2566	-10.6	3.1	-2.4	3.3
-84.13		2564	-34.2	-25.1	-2.1	-25.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2565	-0.0	0.0
	2309	-0.0	0.0
	2566	0.0	0.0
	2564	0.0	0.0
Min	Cent	-0.1	-0.0
	2565	-0.1	-0.0
	2309	-0.1	-0.0
	2566	-0.1	-0.0
	2564	-0.1	-0.0

PROJECT TITLE :

	Company		Client	
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		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
		INV TO~2	Max	Cent	45.4	64.3	21.6	77.2	30.7
55.77				2565	33.7	78.1	21.4	85.8	24.9
67.70				2309	33.7	52.9	21.9	65.4	18.6
55.39				2566	155.1	53.1	21.9	159.5	49.7
11.37				2564	154.3	77.5	21.4	159.7	73.1
14.40			Min	Cent	-12.9	-0.6	-22.0	16.3	-29.0
-45.97				2565	-139.2	4.4	-20.6	6.3	-142.1
-83.44				2309	-140.2	-14.1	-23.4	-11.2	-144.4
-81.22				2566	14.2	-12.9	-23.4	28.3	-24.5
-31.14				2564	14.1	4.2	-20.6	30.8	-11.4
-38.95									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									
			Max	Cent	9.8	5.5	10.3	17.7	-2.6
37.32				2565	0.5	-2.0	8.8	7.7	-9.0
39.79				2309	72.6	17.0	5.4	73.1	17.0
5.30				2566	44.9	18.4	8.4	47.4	16.2
16.15				2564	14.0	8.7	10.6	20.4	2.3
36.46			Min	Cent	-1.3	-6.2	-2.6	0.1	-6.8
-27.63				2565	-67.4	-29.7	-2.1	-23.2	-67.4
-88.18				2309	0.9	1.3	-2.6	3.7	-1.5
-46.66				2566	-10.6	3.1	-2.4	3.3	-11.0
-82.10				2564	-34.2	-25.1	-2.1	-25.0	-34.3
-84.13									
				NODE	Vxx	Vyy			
			Max	Cent	0.0	0.0			
				2565	-0.0	0.0			
				2309	-0.0	0.0			
				2566	0.0	0.0			
				2564	0.0	0.0			
			Min	Cent	-0.1	-0.0			
				2565	-0.1	-0.1			
				2309	-0.1	-0.0			
				2566	-0.1	-0.0			
				2564	-0.1	-0.1			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

PROJECT TITLE :

MIDAS		Company				Client					
		Author				File Name					
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2393	2	12	c mob-a	Max	Cent	22.9	10.6	3.7	23.9	9.6	
15.57											
4.30						2561	49.7	0.7	3.7	50.0	
8.72						2565	49.7	26.1	3.7	50.3	
31.70						2564	29.8	26.1	3.7	32.1	
7.15						2560	29.8	0.7	3.7	30.3	
-78.46				Min	Cent	-17.7	-0.9	-3.6	-0.1	-18.4	
-86.22						2561	-59.8	-5.8	-3.6	-5.6	
-86.48						2565	-59.8	-1.8	-3.6	-1.6	
-71.66						2564	-11.5	-1.8	-3.6	-0.7	
-64.15						2560	-11.5	-5.8	-3.6	-4.1	
ANGLE					NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-----					-----	-----	-----	-----	-----	-----	
32.44				Max	Cent	9.5	1.8	8.2	14.7	-3.4	
38.10						2561	5.1	0.9	8.4	-5.6	
15.85						2565	27.1	5.9	6.6	4.1	
19.29						2564	23.7	7.2	6.6	4.9	
44.49						2560	3.1	2.8	8.4	-5.4	
-44.12				Min	Cent	-1.1	-1.3	-4.3	3.1	-5.5	
-61.39						2561	-8.4	-2.7	-4.4	-10.8	
-62.84						2565	-7.2	-2.3	-3.5	-0.5	
-54.20						2564	-4.2	-2.1	-3.1	0.1	
-41.41						2560	-6.5	-7.5	-4.1	-11.1	
					NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0				
						2561	0.0	0.0			
						2565	0.0	0.0			
						2564	0.0	0.0			
						2560	0.0	0.0			
				Min	Cent	-0.0	-0.0				
						2561	-0.0	-0.0			
						2565	-0.0	-0.0			
						2564	-0.0	-0.0			
						2560	-0.0	-0.0			
ANGLE		LC			NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----		-----			-----	-----	-----	-----	-----	-----	
24.99			c mob-b	Max	Cent	31.5	21.5	5.9	34.2	18.8	
4.54						2561	76.4	2.2	5.9	1.7	
						2565	76.4	54.2	5.9	52.7	

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14.03							
		2564	89.8	54.2	5.9	90.8	53.2
9.19							
		2560	89.8	2.2	5.9	90.2	1.8
3.85							
	Min	Cent	-22.2	-1.1	-5.5	0.2	-23.6
-76.26							
		2561	-116.9	-12.6	-5.5	-12.3	-117.2
-86.99							
		2565	-116.9	-2.8	-5.5	-2.6	-117.2
-87.25							
		2564	-19.2	-2.8	-5.5	-1.1	-20.9
-73.12							
		2560	-19.2	-12.6	-5.5	-9.5	-22.3
-60.57							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	17.2	2.2	16.1	27.4	-8.0
32.50							
		2561	5.0	1.1	15.8	19.0	-12.8
41.47							
		2565	51.1	9.7	13.4	55.1	5.8
16.50							
		2564	46.1	12.6	13.5	50.8	7.9
19.41							
		2560	4.8	2.0	15.8	19.3	-12.4
42.49							
	Min	Cent	-2.2	-3.6	-9.1	6.2	-12.0
-42.88							
		2561	-19.4	-4.7	-9.4	-0.2	-24.0
-64.08							
		2565	-10.0	-1.7	-7.4	2.6	-14.4
-59.71							
		2564	-8.4	-4.5	-6.8	0.6	-13.5
-52.96							
		2560	-14.6	-19.4	-8.8	-7.9	-26.1
-37.30							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		2561	0.0	0.0
		2565	0.0	0.0
		2564	0.0	0.0
		2560	0.0	0.0
	Min	Cent	-0.1	-0.0
		2561	-0.1	-0.0
		2565	-0.1	-0.0
		2564	-0.1	-0.0
		2560	-0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-9.3	7.4	1.5	7.5	-9.5
84.95							
		2561	-53.6	-3.7	1.5	-3.7	-53.7
88.29							
		2565	-53.6	18.6	1.5	18.6	-53.7
88.82							
		2564	35.0	18.6	1.5	35.1	18.4
5.15							
		2560	35.0	-3.7	1.5	35.0	-3.8
2.20							

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.91		Cent	41.8	51.3	46.7	93.5	-0.4
58.97		2561	-70.2	-13.8	53.2	18.2	-102.2
19.21		2565	137.7	24.9	44.7	153.3	9.3
35.14		2564	30.1	11.1	26.6	48.8	-7.6
74.15		2560	69.6	183.0	35.0	193.0	59.7

NODE	Vxx	Vyy
Cent	-0.1	-0.2
2561	-0.2	-0.3
2565	-0.2	-0.0
2564	-0.0	-0.0
2560	-0.0	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.96	vento -y	Cent	0.7	0.1	-0.0	0.7	0.1
-2.21		2561	1.1	-0.0	-0.0	1.1	-0.0
-2.64		2565	1.1	0.2	-0.0	1.1	0.2
-17.38		2564	0.3	0.2	-0.0	0.3	0.2
-7.85		2560	0.3	-0.0	-0.0	0.3	-0.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.17		Cent	0.1	-0.1	0.2	0.2	-0.2
58.20		2561	-0.3	-0.1	0.2	0.0	-0.4
15.50		2565	0.7	0.3	0.1	0.7	0.2
20.62		2564	0.1	-0.2	0.1	0.2	-0.2
33.99		2560	-0.0	-0.2	0.2	0.1	-0.3

NODE	Vxx	Vyy
Cent	-0.0	0.0
2561	-0.0	0.0
2565	-0.0	0.0
2564	-0.0	0.0
2560	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	12.5	0.1	-1.5	12.7	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.80		2561	20.2	0.5	-1.5	20.3	0.4
-4.33		2565	20.2	-0.3	-1.5	20.3	-0.4
-4.16		2564	4.8	-0.3	-1.5	5.2	-0.7
-15.27		2560	4.8	0.5	-1.5	5.3	0.1
-17.51							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----	Cent	1.3	-1.7	1.4	1.8	-2.3
21.28	2561	-3.7	-0.6	0.9	-0.3	-3.9
74.74	2565	6.5	1.0	1.6	6.9	0.6
15.31	2564	2.2	-3.8	1.4	2.5	-4.1
12.37	2560	0.1	-3.6	0.7	0.2	-3.7
10.30						

NODE	Vxx	Vyy
-----	-----	-----
Cent	-0.0	0.0
2561	-0.0	0.0
2565	-0.0	0.0
2564	-0.0	0.0
2560	-0.0	0.0

LC

ANGLE	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-------	------	-----	-----	-----	------	------

-----	perm	Cent	-3.2	3.8	0.1	3.8	-3.2
89.20		2561	-27.1	-1.6	0.1	-1.6	-27.1
89.78		2565	-27.1	9.2	0.1	9.2	-27.1
89.85		2564	20.7	9.2	0.1	20.7	9.2
0.49		2560	20.7	-1.6	0.1	20.7	-1.6
0.25							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----	Cent	7.5	0.7	-2.6	8.4	-0.2
-18.42	2561	-0.7	-1.1	-2.6	1.7	-3.5
-42.71	2565	15.8	4.3	-2.2	16.2	3.8
-10.61	2564	21.4	5.5	-1.9	21.6	5.3
-6.65	2560	-6.4	-6.0	-2.2	-3.9	-8.5
-47.77						

NODE	Vxx	Vyy
-----	-----	-----
Cent	-0.0	0.0
2561	-0.0	0.0
2565	-0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			2564	-0.0	0.0			
			2560	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

17.58	INV TO~1	Max Cent	51.8	33.0	8.1	53.9	30.9	
3.99		2561	96.2	1.9	8.1	96.6	1.5	
21.55		2565	96.2	82.3	8.1	98.8	79.4	
5.77		2564	146.8	82.3	8.1	147.4	81.4	
2.61		2560	146.8	1.9	8.1	147.1	1.6	
-78.80		Min Cent	-33.2	2.3	-8.8	3.8	-34.6	
-87.49		2561	-185.0	-18.6	-8.8	-18.3	-185.3	
-87.04		2565	-185.0	5.1	-8.8	5.6	-185.3	
-63.01		2564	-5.3	5.1	-8.8	9.1	-9.0	
-23.83		2560	-5.3	-18.6	-8.8	-2.0	-21.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

26.88		Max Cent	32.0	3.7	20.5	42.4	-6.2	
40.66		2561	6.1	0.4	19.6	22.2	-15.6	
12.85		2565	91.2	18.4	17.5	95.2	14.5	
13.90		2564	85.8	22.6	17.7	90.2	18.5	
43.31		2560	0.2	-2.2	19.8	18.1	-20.1	
-33.28		Min Cent	4.5	-5.9	-14.8	14.6	-15.3	
-64.10		2561	-30.6	-8.1	-15.2	-1.1	-37.6	
-43.86		2565	2.2	1.2	-12.2	13.9	-10.5	
-24.56		2564	10.1	-4.4	-11.0	16.7	-8.8	
-35.00		2560	-26.1	-35.8	-14.1	-16.7	-45.1	
		NODE	Vxx	Vyy				
		Max Cent	-0.0	0.0				
		2561	0.0	0.1				
		2565	0.0	0.0				
		2564	-0.0	0.0				
		2560	-0.0	0.1				
		Min Cent	-0.1	-0.0				
		2561	-0.1	-0.0				
		2565	-0.1	-0.0				
		2564	-0.1	-0.0				
		2560	-0.1	-0.0				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		INV TO~2	Max	Cent					
17.58				51.8	33.0	8.1	53.9	30.9	
3.99				2561	96.2	1.9	8.1	96.6	1.5
21.55				2565	96.2	82.3	8.1	98.8	79.4
5.77				2564	146.8	82.3	8.1	147.4	81.4
2.61				2560	146.8	1.9	8.1	147.1	1.6
-78.80			Min	Cent	-33.2	2.3	-8.8	3.8	-34.6
-87.49				2561	-185.0	-18.6	-8.8	-18.3	-185.3
-87.04				2565	-185.0	5.1	-8.8	5.6	-185.3
-63.01				2564	-5.3	5.1	-8.8	9.1	-9.0
-23.83				2560	-5.3	-18.6	-8.8	-2.0	-21.8
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

ANGLE

47.91			Max	Cent	56.4	69.3	63.1	126.3	-0.6
58.97				2561	6.1	0.4	71.8	24.6	-15.6
19.21				2565	185.9	33.6	60.4	206.9	14.5
13.90				2564	85.8	22.6	35.9	90.2	18.5
74.15				2560	94.0	247.1	47.3	260.5	80.5
-33.28			Min	Cent	4.5	-5.9	-14.8	14.6	-15.3
-64.10				2561	-94.8	-18.6	-15.2	-1.1	-138.0
-43.86				2565	2.2	1.2	-12.2	13.9	-10.5
-24.56				2564	10.1	-4.4	-11.0	16.7	-10.3
-35.00				2560	-26.1	-35.8	-14.1	-16.7	-45.1

NODE Vxx Vyy

Max	Cent	-0.0	0.0
	2561	0.0	0.1
	2565	0.0	0.0
	2564	-0.0	0.0
	2560	-0.0	0.1
Min	Cent	-0.2	-0.2
	2561	-0.3	-0.4
	2565	-0.3	-0.1
	2564	-0.1	-0.1
	2560	-0.1	-0.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2432	2	12	c mob-a	Max	Cent	7.5	9.2	2.8	11.3	5.4
53.50										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.84			2330	38.2	12.2	3.9	38.8	11.6
8.37								
-80.46	Min	Cent		-4.1	-0.4	-0.6	-0.3	-4.2
-88.63			2279	-27.2	-0.4	-0.6	-0.4	-27.2
-88.63			2333	-27.2	-0.4	-0.6	-0.4	-27.2
-71.88			2332	-2.2	-0.4	-0.6	-0.2	-2.4
-72.23			2330	-2.2	-0.4	-0.6	-0.2	-2.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1.9	1.0	1.2	2.7	0.2
34.81			2279	28.0	3.8	1.0	28.0	3.7
2.43			2333	3.8	0.5	1.0	4.1	0.2
15.76			2332	1.0	2.2	0.8	2.6	0.6
64.38			2330	7.0	5.1	0.8	7.3	4.8
19.54		Min	Cent	-0.1	-1.0	-5.8	5.3	-6.3
-42.67			2279	-3.5	-0.3	-4.0	2.4	-6.2
-56.08			2333	-24.4	-7.5	-5.0	-6.1	-25.8
-74.58			2332	-4.1	-4.2	-4.9	0.8	-9.1
-44.61			2330	-0.3	-0.1	-3.8	3.6	-4.0
-45.60								

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
			2279	0.1	0.0
			2333	0.1	0.0
			2332	0.0	0.0
			2330	0.0	0.0
	Min	Cent		-0.0	-0.0
			2279	-0.0	-0.0
			2333	-0.0	-0.0
			2332	-0.0	-0.0
			2330	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	19.2	22.5	6.8	27.8	13.9
51.74			2279	-77.8	18.7	6.8	19.2	-78.3
86.01			2333	-77.8	26.2	6.8	26.6	-78.2
86.29			2332	116.2	26.2	6.8	116.7	25.7
4.28			2330	116.2	18.7	6.8	116.7	18.3
3.95								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	2279	2333	2332	2330		
-36.55	6.2	85.2	-69.2	-13.4	22.2	-2.8	-14.7
-7.05	9.8	8.6	-19.4	-14.7	13.3	-9.5	17.1
-76.12	-13.1	-16.2	-13.1	-0.9	28.2	-13.1	-13.7
-43.60	-13.1	-0.9	-13.1	-0.9	28.2	-9.5	17.1
-32.52	-0.9	-27.2	-0.9	-27.2	7.3	-9.5	17.1
	NODE	Vxx	Vyy				
	Cent	0.1	-0.0				
	2279	0.2	-0.0				
	2333	0.2	0.0				
	2332	0.0	0.0				
	2330	0.0	-0.0				

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
65.21	vento -y	Cent	0.0	0.2	0.1	0.3	-0.1
81.68		2279	-0.8	0.1	0.1	0.1	-0.8
83.52		2333	-0.8	0.4	0.1	0.4	-0.8
15.68		2332	0.8	0.4	0.1	0.8	0.3
10.36		2330	0.8	0.1	0.1	0.8	0.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-37.67	Cent	0.1	-0.0	-0.2	0.2	-0.2
-7.61	2279	1.3	0.2	-0.2	1.3	0.2
-76.19	2333	-1.1	-0.4	-0.2	-0.3	-1.2
-49.70	2332	-0.2	-0.2	-0.2	0.0	-0.4
-29.17	2330	0.3	0.1	-0.1	0.4	0.1
	NODE	Vxx	Vyy			
	Cent	0.0	-0.0			
	2279	0.0	-0.0			
	2333	0.0	0.0			
	2332	0.0	0.0			
	2330	0.0	-0.0			

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.07	cedime~1	Cent	13.8	-39.9	-8.8	15.2	-41.3
		2279	23.6	-36.3	-8.8	24.9	-37.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.17		2333	23.6	-43.5	-8.8	24.8	-44.6
-7.33		2332	3.9	-43.5	-8.8	5.4	-45.0
-10.18		2330	3.9	-36.3	-8.8	5.7	-38.1
-11.81							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

44.36	Cent	-2.6	-3.4	18.6	15.6	-21.6
79.60	2279	-79.1	-10.6	13.0	-8.2	-81.5
15.53	2333	74.7	20.8	16.2	79.3	16.3
39.44	2332	-2.2	-8.3	15.5	10.5	-21.0
32.11	2330	-3.8	-15.6	12.2	3.9	-23.3

	NODE	Vxx	Vyy

	Cent	-0.1	0.0
	2279	-0.2	0.1
	2333	-0.2	0.0
	2332	0.0	0.0
	2330	0.0	0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

65.33	perm	Cent	5.4	11.4	3.5	13.0	3.9
85.12		2279	-31.0	9.2	3.5	9.4	-31.3
85.60		2333	-31.0	13.6	3.5	13.9	-31.2
6.87		2332	41.9	13.6	3.5	42.3	13.2
5.96		2330	41.9	9.2	3.5	42.2	8.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-35.02		Cent	2.3	-0.6	-4.0	5.1	-3.4
-5.97		2279	25.7	3.8	-2.3	26.0	3.6
-75.57		2333	-20.4	-7.7	-3.5	-6.8	-21.3
-47.67		2332	-4.5	-3.8	-3.8	-0.4	-8.0
-29.47		2330	8.3	5.1	-2.6	9.7	3.7

	NODE	Vxx	Vyy

	Cent	0.0	-0.0
	2279	0.0	-0.0
	2333	0.0	0.0
	2332	0.0	0.0
	2330	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.39	INV TO~1	Max	Cent	29.3	28.6	8.7	33.0	11.1
81.09			2279	-5.1	25.7	8.7	27.0	-10.7
81.99			2333	-5.1	32.1	8.7	33.3	-11.4
-0.03			2332	97.3	32.1	8.7	97.3	30.9
-0.03			2330	97.3	25.7	8.7	97.3	24.5
77.32		Min	Cent	-0.1	-29.0	-6.2	11.4	-29.9
-71.38			2279	-67.6	-27.7	-6.2	-25.6	-67.7
-68.77			2333	-67.6	-30.5	-6.2	-28.1	-67.7
5.65			2332	38.9	-30.5	-6.2	39.2	-31.0
4.85			2330	38.9	-27.7	-6.2	39.1	-28.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.64		Max	Cent	4.9	0.8	16.2	16.2	-0.4
-0.91			2279	67.1	9.3	12.1	67.1	9.3
15.85			2333	59.5	13.8	14.1	63.5	9.8
40.93			2332	-3.2	-0.8	12.8	5.6	-5.0
25.32			2330	17.7	12.0	10.7	19.0	11.6
33.76		Min	Cent	-0.4	-5.5	-12.5	3.7	-16.5
84.53			2279	-58.2	-7.1	-8.1	-6.7	-58.6
-74.98			2333	-56.3	-18.6	-10.9	-15.6	-59.2
28.95			2332	-12.3	-17.8	-11.0	-9.8	-20.8
14.35			2330	4.1	-10.7	-8.2	5.1	-11.7

		NODE	Vxx	Vyy
Max	Cent		0.1	0.0
		2279	0.1	0.0
		2333	0.1	0.0
		2332	0.0	0.0
		2330	0.0	0.0
Min	Cent		-0.1	-0.0
		2279	-0.1	-0.0
		2333	-0.1	-0.0
		2332	0.0	-0.0
		2330	0.0	-0.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
51.74          INV TO~2  Max  Cent      29.3      30.3      9.1      37.5      18.7
81.09
86.29
4.28
3.95
77.32          Min  Cent      -0.1     -29.0     -6.2     11.4     -29.9
-71.38
-68.77
5.65
4.85

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ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-36.55          Max  Cent      8.3      0.8      16.2     23.1     -0.4
-7.05
15.85
40.93
-32.52          Min  Cent     -0.4     -5.5    -19.9     3.7     -18.4
33.76
84.53
-76.12
28.95
14.35

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		NODE	Vxx	Vyy
Max	Cent	2279	0.1	0.0
		2333	0.2	0.0
		2332	0.0	0.0
		2330	0.0	0.0
Min	Cent	2279	-0.1	-0.0
		2333	-0.1	-0.0
		2332	0.0	-0.0
		2330	0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		

2433	2	12	c mob-a	Max	Cent	14.6	8.9	1.0	14.8	8.7	
						2333	8.0	11.5	1.0	11.8	7.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.73			2335	8.0	6.7	1.0	8.6	6.2
2.28			2334	32.3	6.7	1.0	32.4	6.7
2.80			2332	32.3	11.5	1.0	32.4	11.5
-52.44	Min	Cent		-4.5	-0.7	-7.2	4.9	-10.1
-69.02			2333	-16.5	-0.4	-7.2	2.4	-19.3
-68.02			2335	-16.5	-1.5	-7.2	1.4	-19.4
-45.16			2334	-1.6	-1.5	-7.2	5.7	-8.8
-47.31			2332	-1.6	-0.4	-7.2	6.3	-8.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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43.37	Max	Cent		0.7	0.6	1.3	2.0	-0.7
1.64			2333	44.8	12.4	0.9	44.8	12.4
38.92			2335	0.5	0.2	0.9	1.2	-0.5
53.73			2334	0.3	1.0	1.1	1.7	-0.5
2.35			2332	36.7	8.4	1.2	36.7	8.3
-42.00	Min	Cent		-0.1	-1.2	-4.9	4.3	-5.6
-46.06			2333	-0.5	-0.3	-4.0	3.6	-4.4
-82.64			2335	-43.3	-13.5	-3.9	-13.0	-43.8
-81.37			2334	-35.8	-11.1	-3.8	-10.6	-36.3
-45.36			2332	-0.2	-0.1	-3.9	3.7	-4.1

			NODE	Vxx	Vyy
Max	Cent			0.1	0.0
			2333	0.1	0.0
			2335	0.1	0.0
			2334	0.1	0.0
			2332	0.1	0.0
Min	Cent			-0.0	-0.0
			2333	-0.0	-0.0
			2335	-0.0	-0.0
			2334	-0.0	-0.0
			2332	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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30.92	c mob-b	Max	Cent	14.0	12.1	1.7	15.0	11.1
74.53			2333	8.8	14.6	1.7	15.0	8.3
58.63			2335	8.8	10.6	1.7	11.6	7.8
4.48			2334	32.5	10.6	1.7	32.6	10.5
			2332	32.5	14.6	1.7	32.6	14.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5.46							
	Min	Cent	-8.3	-0.7	-7.0	3.4	-12.5
-59.36							
			2333	-25.7	-0.4	-7.0	1.4
-75.60							
			2335	-25.7	-1.2	-7.0	0.6
-75.18							
			2334	-2.4	-1.2	-7.0	5.2
-47.36							
			2332	-2.4	-0.4	-7.0	5.7
-49.08							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	1.0	1.2	1.8	2.9	-0.8
46.18							
			2333	43.1	11.7	1.4	43.1
2.46							
			2335	0.5	0.2	1.2	1.5
41.47							
			2334	0.2	1.9	1.5	2.8
60.04							
			2332	37.2	9.2	1.6	37.3
3.23							
	Min	Cent	-0.1	-1.2	-4.5	3.9	-5.2
-41.54							
			2333	-0.4	-0.4	-3.7	3.3
-45.35							
			2335	-41.5	-12.9	-3.6	-12.5
-82.86							
			2334	-36.2	-11.4	-3.5	-10.9
-82.04							
			2332	-0.2	-0.1	-3.6	3.4
-45.13							

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		2333	0.1	0.0
		2335	0.1	0.0
		2334	0.1	0.0
		2332	0.1	0.0
	Min	Cent	-0.0	-0.0
		2333	-0.0	-0.0
		2335	-0.0	-0.0
		2334	-0.0	-0.0
		2332	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	32.6	17.2	-19.9	46.2	3.6
-34.41							
			2333	-27.9	30.2	-19.9	36.3
-72.83							
			2335	-27.9	4.2	-19.9	13.6
-64.46							
			2334	93.0	4.2	-19.9	97.3
-12.04							
			2332	93.0	30.2	-19.9	98.8
-16.15							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
-31.57          Cent          3.7          -4.5          -8.1          8.7          -9.5
-3.06          2333          135.2          41.9          -5.0          135.5          41.6
-82.97          2335          -124.0          -54.8          -8.7          -53.7          -125.1
-83.65          2334          -108.0          -27.8          -9.0          -26.8          -109.0
-3.44          2332          111.7          22.8          -5.4          112.1          22.5
    
```

```

-----
          NODE          Vxx          Vyy
-----
          Cent          0.2          -0.0
          2333          0.2          0.0
          2335          0.2          -0.0
          2334          0.2          -0.0
          2332          0.2          0.0
    
```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
ANGLE
-----
          vento -y          Cent          -0.2          0.3          -0.1          0.3          -0.2
-80.41          2333          -0.8          0.3          -0.1          0.3          -0.8
-85.88          2335          -0.8          0.3          -0.1          0.3          -0.8
-85.80          2334          0.5          0.3          -0.1          0.5          0.3
-20.34          2332          0.5          0.3          -0.1          0.5          0.3
-22.18
    
```

```

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
ANGLE
-----
          Cent          0.0          -0.0          -0.2          0.2          -0.2
-42.54          2333          2.0          0.6          -0.1          2.0          0.6
-5.61          2335          -2.0          -0.6          -0.1          -0.6          -2.0
-83.90          2334          -1.4          -0.4          -0.1          -0.4          -1.4
-82.41          2332          1.4          0.3          -0.1          1.4          0.3
-6.91
    
```

```

-----
          NODE          Vxx          Vyy
-----
          Cent          0.0          0.0
          2333          0.0          0.0
          2335          0.0          -0.0
          2334          0.0          -0.0
          2332          0.0          0.0
    
```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
ANGLE
-----
          cedime~1          Cent          21.8          -48.2          1.0          21.8          -48.3
0.81          2333          52.8          -41.1          1.0          52.8          -41.1
0.61          2335          52.8          -55.4          1.0          52.8          -55.4
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.53							
1.24		2334	-9.3	-55.4	1.0	-9.3	-55.5
1.79		2332	-9.3	-41.1	1.0	-9.3	-41.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

42.30		Cent	-2.6	-5.8	16.5	12.3	-20.7
78.70		2333	-91.0	-28.9	12.9	-26.3	-93.5
11.91		2335	87.9	27.0	13.4	90.7	24.2
20.90		2334	26.5	-3.3	13.3	31.5	-8.4
61.11		2332	-33.9	-17.8	12.8	-10.8	-41.0

	NODE	Vxx	Vyy
	Cent	-0.1	0.0
	2333	-0.2	0.0
	2335	-0.2	0.0
	2334	-0.1	0.0
	2332	-0.1	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-50.51	perm	Cent	8.1	10.6	-6.5	16.0	2.7
-79.06		2333	-18.2	14.4	-6.5	15.7	-19.4
-76.21		2335	-18.2	6.9	-6.5	8.5	-19.8
-12.73		2334	34.3	6.9	-6.5	35.8	5.4
-16.63		2332	34.3	14.4	-6.5	36.3	12.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-33.83		Cent	0.8	-0.7	-1.8	2.0	-1.9
-2.56		2333	49.1	13.2	-1.6	49.2	13.1
-86.91		2335	-47.3	-14.6	-1.8	-14.5	-47.4
-87.49		2334	-42.1	-11.8	-1.3	-11.7	-42.2
-2.04		2332	43.5	10.6	-1.2	43.6	10.5

	NODE	Vxx	Vyy
	Cent	0.1	-0.0
	2333	0.1	0.0
	2335	0.1	-0.0
	2334	0.1	-0.0
	2332	0.1	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	49.5	27.0	-3.2	49.7	23.2
-2.59			2333	46.6	34.1	-3.2	46.8	-6.7
-3.42			2335	46.6	21.2	-3.2	46.7	-6.9
-2.27			2334	78.2	21.2	-3.2	78.5	20.8
-4.20			2332	78.2	34.1	-3.2	78.6	33.7
-5.40		Min	Cent	-3.2	-38.5	-16.3	20.8	-42.4
-55.76			2333	-52.9	-27.2	-16.3	6.8	-56.7
-24.24			2335	-52.9	-50.6	-16.3	4.2	-57.2
-15.62			2334	21.8	-50.6	-16.3	24.9	-53.7
-11.47			2332	21.8	-27.2	-16.3	26.2	-31.6
-16.00								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	2.2	0.9	17.2	14.6	0.6
41.37			2333	109.6	30.0	13.1	109.6	30.0
0.15			2335	41.3	12.6	13.3	46.5	7.4
21.43			2334	-15.3	-9.2	14.0	0.1	-27.9
47.81			2332	93.7	23.0	13.7	93.7	23.0
0.78		Min	Cent	-2.0	-8.0	-8.4	2.5	-20.0
24.29			2333	-42.6	-16.2	-7.0	-15.0	-43.9
77.83			2335	-105.8	-32.8	-7.1	-32.1	-106.5
-84.52			2334	-91.0	-30.4	-6.5	-29.1	-91.6
79.11			2332	9.3	-7.4	-6.4	11.4	-9.6
18.73								
			NODE	Vxx	Vyy			
		Max	Cent	0.2	0.0			
			2333	0.2	0.0			
			2335	0.2	0.0			
			2334	0.2	0.0			
			2332	0.2	0.0			
		Min	Cent	-0.0	-0.0			
			2333	-0.1	-0.0			
			2335	-0.1	-0.0			
			2334	0.0	-0.0			
			2332	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	49.5	27.0	-3.2	62.3	23.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-34.41							
-72.83		2333	46.6	40.8	-3.2	49.1	-6.7
-2.27		2335	46.6	21.2	-3.2	46.7	-6.9
-12.04		2334	125.6	21.2	-3.2	131.3	20.8
-16.15		2332	125.6	40.8	-3.2	133.4	33.7
-55.76	Min	Cent	-3.2	-38.5	-26.8	20.8	-42.4
-24.24		2333	-52.9	-27.2	-26.8	6.8	-56.7
-15.62		2335	-52.9	-50.6	-26.8	4.2	-57.2
-11.47		2334	21.8	-50.6	-26.8	24.9	-53.7
-16.00		2332	21.8	-27.2	-26.8	26.2	-31.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

41.37	Max	Cent	5.0	0.9	17.2	14.6	0.6
-3.06		2333	182.5	56.5	13.1	182.9	56.2
21.43		2335	41.3	12.6	13.3	46.5	7.4
47.81		2334	-15.3	-9.2	14.0	0.1	-27.9
-3.44		2332	150.8	30.8	13.7	151.3	30.4
24.29	Min	Cent	-2.0	-8.0	-10.9	2.5	-20.0
77.83		2333	-42.6	-16.2	-7.0	-15.0	-43.9
-82.97		2335	-167.5	-74.0	-11.7	-72.5	-168.9
-83.65		2334	-145.8	-37.6	-12.2	-36.2	-147.1
18.73		2332	9.3	-7.4	-7.2	11.4	-9.6

		NODE	Vxx	Vyy
Max	Cent		0.3	0.0
	2333		0.3	0.0
	2335		0.3	0.0
	2334		0.3	0.0
	2332		0.3	0.0
Min	Cent		-0.0	-0.0
	2333		-0.1	-0.0
	2335		-0.1	-0.1
	2334		0.0	-0.1
	2332		0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2470	2	12	c mob-a	Max	Cent	10.8	1.7	13.4	-7.9
					2407	44.1	13.1	13.4	8.1
					2409	44.1	5.8	13.4	1.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

41.14		2408	9.4	5.8	13.4	21.1	-6.0
48.86		2406	9.4	13.1	13.4	24.8	-2.3
-85.93	Min	Cent	-161.2	-5.8	-11.1	-5.1	-162.0
-87.60		2407	-267.8	-3.8	-11.1	-3.3	-268.3
-87.47		2409	-267.8	-16.7	-11.1	-16.2	-268.3
-81.63		2408	-90.5	-16.7	-11.1	-15.0	-92.1
-82.82		2406	-90.5	-3.8	-11.1	-2.4	-91.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.93	Max	Cent	0.7	2.6	13.7	15.4	-12.1
44.81		2407	0.5	0.3	11.1	11.5	-10.7
43.70		2409	3.4	2.0	15.3	17.9	-12.6
48.41		2408	3.8	7.5	15.3	21.1	-9.8
47.29		2406	0.1	1.9	11.3	12.3	-10.3
-61.23	Min	Cent	-14.9	-7.9	-5.5	-4.8	-17.9
-75.21		2407	-20.3	-0.9	-5.5	0.6	-21.7
-69.43		2409	-14.3	-1.1	-5.8	1.1	-16.4
-33.92		2408	-15.6	-20.1	-5.5	-12.0	-23.7
-46.77		2406	-13.5	-12.8	-5.4	-7.8	-18.5

		NODE	Vxx	Vyy
Max	Cent	2407	0.0	0.0
		2409	0.0	0.0
		2408	0.0	0.0
		2406	0.0	0.0
Min	Cent	2407	-0.0	-0.0
		2409	-0.0	-0.0
		2408	-0.0	-0.0
		2406	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
33.70	c mob-b	Max	Cent	15.6	2.5	15.7	26.1	-8.0
16.67			2407	62.7	14.8	15.7	67.4	10.1
15.12			2409	62.7	8.7	15.7	67.0	4.5
39.82			2408	14.5	8.7	15.7	27.6	-4.4
45.34			2406	14.5	14.8	15.7	30.4	-1.1
		Min	Cent	-167.2	-6.8	-14.0	-5.6	-168.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.92							
		2407	-6.8	-0.8	2.2	-0.0	-7.5
71.64							
		2409	-59.9	2.5	14.3	5.6	-63.1
77.72							
		2408	27.7	189.9	14.3	191.2	26.5
85.00							
		2406	52.7	216.2	2.3	216.2	52.6
89.21							

NODE	Vxx	Vyy
Cent	0.0	-0.4
2407	0.0	-0.4
2409	0.0	-0.3
2408	0.0	-0.3
2406	0.0	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	22.7	-0.4	-0.0	22.7	-0.4
-0.05	vento -y	2407	21.1	0.9	-0.0	21.1	0.9
-0.05		2409	21.1	-1.7	-0.0	21.1	-1.7
-0.05		2408	24.4	-1.7	-0.0	24.4	-1.7
-0.04		2406	24.4	0.9	-0.0	24.4	0.9
-0.05							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.1	-0.1	0.2	0.2	-0.2
27.67	2407	0.1	-0.0	0.1	0.2	-0.1
36.74	2409	0.1	0.0	0.2	0.3	-0.1
36.37	2408	0.1	-0.3	0.2	0.2	-0.4
20.28	2406	0.1	-0.1	0.1	0.2	-0.1
21.03						

NODE	Vxx	Vyy
Cent	-0.0	0.0
2407	-0.0	0.0
2409	-0.0	0.0
2408	-0.0	0.0
2406	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	-1.2	0.4	-0.2	0.4	-1.3
-81.33	cedime~1	2407	-5.3	-0.8	-0.2	-0.7	-5.3
-86.87		2409	-5.3	1.5	-0.2	1.5	-5.3
-87.91		2408	2.8	1.5	-0.2	2.9	1.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-10.14
-3.91

2406 2.8 -0.8 -0.2 2.9 -0.8
 NODE Mxx Myy Mxy Mmax Mmin

 ANGLE

 Cent 1.5 -0.2 0.4 1.6 -0.3
 13.77
 2407 2.0 0.1 0.5 2.1 -0.0
 12.92
 2409 1.1 -0.3 0.5 1.2 -0.4
 17.06
 2408 1.0 -0.7 0.4 1.1 -0.8
 13.40
 2406 2.0 0.2 0.4 2.1 0.1
 11.96

NODE Vxx Vyy

 Cent 0.0 0.0
 2407 0.0 -0.0
 2409 0.0 0.0
 2408 0.0 0.0
 2406 0.0 -0.0

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

perm Cent -74.0 0.7 0.4 0.7 -74.0
 89.71
 2407 -81.7 -1.5 0.4 -1.5 -81.7
 89.73
 2409 -81.7 2.9 0.4 2.9 -81.7
 89.74
 2408 -66.2 2.9 0.4 2.9 -66.2
 89.68
 2406 -66.2 -1.5 0.4 -1.5 -66.2
 89.66

NODE Mxx Myy Mxy Mmax Mmin
 ANGLE

Cent -5.8 0.1 0.2 0.1 -5.8
 88.25
 2407 -6.6 0.1 -0.1 0.1 -6.6
 -89.47
 2409 -5.3 0.3 0.2 0.3 -5.3
 87.79
 2408 -5.7 0.9 0.3 0.9 -5.7
 87.19
 2406 -5.7 -0.6 0.0 -0.6 -5.7
 89.52

NODE Vxx Vyy

 Cent -0.0 0.0
 2407 -0.0 0.0
 2409 -0.0 -0.0
 2408 0.0 -0.0
 2406 0.0 0.0

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	-52.9	4.5	21.6	11.5	-60.1
71.93			2407	3.0	18.5	21.6	33.7	-12.2
54.91			2409	3.0	16.2	21.6	31.2	-13.6
52.57			2408	-43.9	16.2	21.6	23.0	-50.7
72.26			2406	-43.9	18.5	21.6	25.1	-50.6
73.23		Min	Cent	-300.9	-8.5	-18.7	-7.4	-302.1
-86.39			2407	-464.6	-9.8	-18.7	-9.1	-465.4
-87.65			2409	-464.6	-20.8	-18.7	-20.1	-465.4
-87.59			2408	-191.8	-20.8	-18.7	-18.9	-193.8
-83.91			2406	-191.8	-9.8	-18.7	-7.9	-193.7
-84.10								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	-2.2	5.0	20.9	22.5	-19.9
49.80			2407	-3.8	0.9	16.8	15.5	-18.4
48.99			2409	3.1	3.5	23.0	26.2	-19.8
45.12			2408	3.4	14.9	23.5	33.0	-15.3
51.44			2406	-3.5	3.6	17.3	17.8	-17.7
50.84		Min	Cent	-29.8	-12.7	-9.4	-8.6	-33.9
-65.45			2407	-38.1	-1.3	-9.5	0.9	-40.4
-76.25			2409	-30.6	-1.8	-9.7	1.0	-33.5
-73.07			2408	-31.6	-32.5	-9.1	-22.8	-40.8
-41.80			2406	-26.8	-21.4	-10.3	-13.4	-34.7
-52.37								
			NODE	Vxx	Vyy			
		Max	Cent	0.0	0.1			
			2407	0.0	0.1			
			2409	0.0	0.1			
			2408	0.0	0.1			
			2406	0.0	0.1			
		Min	Cent	-0.0	-0.0			
			2407	-0.0	-0.0			
			2409	-0.0	-0.0			
			2408	-0.0	-0.0			
			2406	-0.0	-0.0			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max	Cent	-52.9	4.5	21.6	11.5	-60.1
71.93			2407	3.0	18.5	21.6	33.7	-12.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

54.91							
		2409	3.0	16.2	21.6	31.2	-13.6
52.57		2408	-43.9	16.2	21.6	23.0	-50.7
72.26		2406	-43.9	18.5	21.6	25.1	-50.6
73.23							
-86.39	Min	Cent	-399.7	-8.5	-18.7	-7.4	-399.8
-87.65		2407	-494.5	-9.8	-18.7	-9.1	-494.5
-87.59		2409	-494.5	-20.8	-18.7	-20.1	-494.5
-83.91		2408	-304.9	-20.8	-18.7	-18.9	-305.0
-84.10		2406	-304.9	-9.8	-18.7	-7.9	-305.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	4.6	137.6	20.9	138.3	3.9	
85.92									
				2407	-3.8	0.9	16.8	15.5	-10.1
48.99									
				2409	3.1	3.5	23.0	26.2	-19.8
45.12									
				2408	37.4	256.4	23.5	258.1	35.7
85.00									
				2406	71.1	291.8	17.3	291.9	71.0
89.21									
-65.45	Min	Cent	-29.8	-12.7	-9.4	-8.6	-33.9		
				2407	-38.1	-1.3	-9.5	-0.0	-40.4
71.64									
				2409	-80.9	-1.8	-9.7	1.0	-85.1
-73.07									
				2408	-31.6	-32.5	-9.1	-22.8	-40.8
-41.80									
				2406	-26.8	-21.4	-10.3	-13.4	-34.7
-52.37									

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.1
		2407	0.1	0.1
		2409	0.1	0.1
		2408	0.0	0.1
		2406	0.0	0.1
	Min	Cent	-0.0	-0.5
		2407	-0.0	-0.6
		2409	-0.0	-0.5
		2408	-0.0	-0.5
		2406	-0.0	-0.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
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2471	2	12	c mob-a	Max	Cent	14.5	26.8	13.9	35.9	5.4
56.99										
12.63										
60.06										
80.00										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.39			2408	5.7	7.0	13.9	20.3	-7.6
-86.82	Min	Cent		-207.8	-7.6	-11.1	-7.0	-208.4
-88.00			2409	-346.5	-28.5	-11.1	-28.1	-346.9
-88.03			2289	-346.5	-22.2	-11.1	-21.9	-346.9
-83.18			2410	-114.1	-22.2	-11.1	-20.9	-115.4
-82.70			2408	-114.1	-28.5	-11.1	-27.1	-115.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

44.45	Max	Cent		4.9	4.0	23.5	28.0	-19.1
43.14			2409	5.7	2.7	23.1	27.3	-18.9
26.07			2289	35.9	8.6	17.5	44.4	0.1
51.68			2410	9.3	18.3	18.8	33.1	-5.5
46.09			2408	4.4	6.2	24.3	29.6	-19.0
-61.64	Min	Cent		-12.8	-3.7	-6.9	0.1	-16.5
-74.43			2409	-28.1	-3.8	-7.3	-1.8	-30.2
-79.40			2289	-32.7	-8.7	-4.6	-7.9	-33.6
-75.86			2410	-26.3	-8.0	-4.9	-6.8	-27.6
-28.86			2408	-5.8	-15.9	-8.0	-1.4	-20.3

NODE Vxx Vyy


Max	Cent	0.0	0.0
	2409	0.0	0.0
	2289	0.0	0.0
	2410	0.0	0.0
	2408	0.0	0.0
Min	Cent	-0.0	-0.0
	2409	-0.1	-0.0
	2289	-0.1	-0.0
	2410	-0.0	-0.0
	2408	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

52.21	c mob-b	Max	Cent	21.7	30.0	16.1	42.5	9.1
10.81			2409	92.2	10.8	16.1	95.2	7.7
44.32			2289	92.2	91.4	16.1	107.9	75.6
78.78			2410	13.3	91.4	16.1	94.6	10.1
42.78			2408	13.3	10.8	16.1	28.2	-4.2
-86.13		Min	Cent	-218.8	-11.7	-14.1	-10.7	-219.7
			2409	-377.2	-31.6	-14.1	-31.0	-377.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.67			2289	-377.2	-34.1	-14.1	-33.5	-377.7
-87.66			2410	-119.5	-34.1	-14.1	-31.8	-121.8
-80.88			2408	-119.5	-31.6	-14.1	-29.4	-121.7
-81.13								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	5.4	5.0	26.1	31.3	-21.0
44.74			2409	9.3	3.5	25.2	31.8	-19.0
41.68			2289	39.6	8.8	20.2	49.6	-1.2
26.33			2410	13.0	20.6	21.5	38.6	-5.0
50.03			2408	5.1	8.7	26.4	33.3	-19.6
46.93		Min	Cent	-17.0	-5.3	-9.2	-0.2	-22.1
-61.09			2409	-33.3	-4.1	-9.7	-1.1	-36.2
-73.26			2289	-42.1	-10.9	-7.4	-9.2	-43.7
-77.38			2410	-31.3	-11.6	-6.7	-9.6	-33.4
-72.98			2408	-8.3	-19.8	-10.6	-2.0	-26.1
-30.64								

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		2409		0.0	0.1
		2289		0.0	0.0
		2410		0.0	0.0
		2408		0.0	0.1
	Min	Cent		-0.0	-0.0
		2409		-0.1	-0.0
		2289		-0.1	-0.0
		2410		-0.0	-0.0
		2408		-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	-315.0	-1.0	4.2	-1.0	-315.1
89.23			2409	-387.2	-2.5	4.2	-2.5	-387.2
89.37			2289	-387.2	0.4	4.2	0.5	-387.2
89.38			2410	-242.8	0.4	4.2	0.5	-242.9
89.01			2408	-242.8	-2.5	4.2	-2.4	-242.9
88.99								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	6.7	50.6	53.6	86.6	-29.3
56.16			2409	-91.8	-7.1	59.9	23.9	-122.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

62.64							
		2289	89.5	6.3	45.9	109.9	-14.0
23.91							
		2410	-30.7	3.9	29.3	20.6	-47.4
60.25							
		2408	59.6	199.5	43.3	211.8	47.3
74.12							

NODE	Vxx	Vyy
Cent	-0.1	-0.2
2409	-0.2	-0.3
2289	-0.2	-0.1
2410	0.0	-0.1
2408	0.0	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	22.5	2.2	-0.0	22.5	2.2
-0.01		2409	21.7	-1.8	-0.0	21.7	-1.8
-0.00		2289	21.7	6.2	-0.0	21.7	6.2
-0.01		2410	23.3	6.2	-0.0	23.3	6.2
-0.01		2408	23.3	-1.8	-0.0	23.3	-1.8
-0.00							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.3	0.0	0.3	0.5	-0.2
34.11	2409	-0.1	-0.1	0.3	0.3	-0.4
46.70	2289	0.8	0.1	0.2	0.9	0.0
16.62	2410	0.1	0.2	0.3	0.4	-0.1
52.15	2408	0.3	-0.2	0.4	0.5	-0.4
26.08						

NODE	Vxx	Vyy
Cent	-0.0	-0.0
2409	-0.0	0.0
2289	-0.0	-0.0
2410	0.0	-0.0
2408	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	0.2	-2.1	-0.3	0.2	-2.1
-7.16		2409	-4.2	1.9	-0.3	1.9	-4.2
-87.31		2289	-4.2	-6.0	-0.3	-4.2	-6.1
-8.84		2410	4.6	-6.0	-0.3	4.7	-6.0
-1.55		2408	4.6	1.9	-0.3	4.7	1.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.01

ANGLE NODE Mxx Myy Mxy Mmax Mmin

15.05	Cent	2.1	0.2	0.6	2.2	0.0
23.50	2409	0.7	-0.4	0.6	0.9	-0.6
4.91	2289	4.0	1.3	0.2	4.0	1.3
10.30	2410	2.2	0.4	0.3	2.3	0.3
17.54	2408	1.4	-0.5	0.7	1.6	-0.8

NODE	Vxx	Vyy
Cent	-0.0	0.0
2409	-0.0	0.0
2289	-0.0	0.0
2410	-0.0	0.0
2408	-0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

89.70	perm	Cent	-75.5	-3.4	0.4	-3.4	-75.5
89.75		2409	-84.2	2.4	0.4	2.4	-84.2
89.71		2289	-84.2	-9.2	0.4	-9.2	-84.2
89.62		2410	-66.7	-9.2	0.4	-9.2	-66.8
89.68		2408	-66.7	2.4	0.4	2.4	-66.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

88.00	Cent	-6.7	-0.4	0.2	-0.4	-6.7
86.83	2409	-5.7	0.2	0.3	0.2	-5.8
87.88	2289	-7.5	-1.0	0.2	-1.0	-7.5
89.71	2410	-8.2	-1.9	0.0	-1.9	-8.2
88.89	2408	-5.2	1.0	0.1	1.0	-5.2

NODE	Vxx	Vyy
Cent	0.0	-0.0
2409	0.0	-0.0
2289	0.0	0.0
2410	0.0	0.0
2408	0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	-46.0	37.1	22.2	42.6	-51.6
76.00			2409	40.2	18.9	22.2	53.6	4.0
31.18			2289	40.2	114.2	22.2	120.3	34.1
74.55			2410	-44.2	114.2	22.2	117.2	-47.3
82.40			2408	-44.2	18.9	22.2	25.7	-51.0
72.63		Min	Cent	-370.8	-21.2	-18.9	-20.2	-371.8
-86.91			2409	-597.6	-40.2	-18.9	-39.6	-598.2
-88.08			2289	-597.6	-61.2	-18.9	-60.6	-598.3
-87.98			2410	-228.1	-61.2	-18.9	-59.1	-230.1
-83.44			2408	-228.1	-40.2	-18.9	-38.4	-229.9
-84.40								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.46		Max	Cent	2.8	6.4	36.1	40.7	-31.5
43.73			2409	7.5	4.8	34.9	40.9	-28.5
27.84			2289	50.0	12.1	27.8	64.7	-2.6
52.07			2410	11.6	26.4	29.3	49.3	-11.3
48.55			2408	3.1	12.7	36.4	44.3	-29.0
-65.90		Min	Cent	-29.6	-7.6	-12.3	-2.2	-35.1
-75.63			2409	-50.7	-5.7	-12.7	-2.6	-54.0
-79.13			2289	-64.3	-15.7	-9.7	-13.8	-66.2
-75.73			2410	-50.5	-17.5	-9.0	-15.3	-52.8
-35.79			2408	-16.4	-26.3	-14.1	-6.2	-36.0

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		2409		0.1	0.1
		2289		0.1	0.0
		2410		0.0	0.0
		2408		0.0	0.1
	Min	Cent		-0.0	-0.0
		2409		-0.1	-0.0
		2289		-0.1	-0.1
		2410		-0.0	-0.1
		2408		-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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76.00	INV TO~2	Max	Cent	-46.0	37.1	22.2	42.6	-51.6
31.18			2409	40.2	18.9	22.2	53.6	4.0
			2289	40.2	114.2	22.2	120.3	34.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

74.55								
		2410	-44.2	114.2	22.2	117.2	-47.3	
82.40								
		2408	-44.2	18.9	22.2	25.7	-51.0	
72.63								
	Min	Cent	-425.2	-21.2	-18.9	-20.2	-425.3	
-86.91								
		2409	-597.6	-40.2	-18.9	-39.6	-598.2	
-88.08								
		2289	-597.6	-61.2	-18.9	-60.6	-598.3	
-87.98								
		2410	-327.8	-61.2	-18.9	-59.1	-327.9	
-83.44								
		2408	-327.8	-40.2	-18.9	-38.4	-327.9	
-84.40								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	9.0	68.4	72.3	116.9	-31.5
56.16							
		2409	7.5	4.8	80.8	40.9	-28.5
43.73							
		2289	120.8	12.1	62.0	148.3	-2.6
23.91							
		2410	11.6	26.4	39.6	49.3	-11.3
52.07							
		2408	80.5	269.3	58.4	285.9	63.9
74.12							
	Min	Cent	-29.6	-7.6	-12.3	-2.2	-39.5
-65.90							
		2409	-124.0	-9.6	-12.7	-2.6	-165.8
-75.63							
		2289	-64.3	-15.7	-9.7	-13.8	-66.2
-79.13							
		2410	-50.5	-17.5	-9.0	-15.3	-64.0
-75.73							
		2408	-16.4	-26.3	-14.1	-6.2	-36.0
-35.79							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		2409	0.1	0.1
		2289	0.1	0.0
		2410	0.0	0.0
		2408	0.0	0.1
Min	Cent		-0.1	-0.3
		2409	-0.2	-0.5
		2289	-0.2	-0.1
		2410	-0.0	-0.1
		2408	-0.0	-0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
2510	2	12	c mob-a	Max	Cent	64.3	50.3	16.6	75.3
33.56									
					2559	102.1	56.6	16.6	107.5
18.04									
					2563	102.1	56.2	16.6	107.5
17.94									
					2562	98.5	56.2	16.6	104.2
19.08									
					2558	98.5	56.6	16.6	104.2
19.19									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-65.43	Min	Cent	-39.0	-1.2	-21.9	8.9	-49.0
-80.97		2559	-136.3	-2.1	-21.9	1.4	-139.8
-81.04		2563	-136.3	-0.9	-21.9	2.5	-139.8
-52.26		2562	-12.3	-0.9	-21.9	16.0	-29.2
-51.54		2558	-12.3	-2.1	-21.9	15.3	-29.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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49.52	Max	Cent	3.2	4.8	4.9	9.0	-1.0
27.03		2559	12.2	3.1	6.2	15.3	-0.1
3.98		2563	93.4	23.4	4.9	93.7	23.1
2.86		2562	96.5	23.5	3.7	96.7	23.3
39.69		2558	12.6	10.7	5.0	16.7	6.5
-23.64	Min	Cent	-1.8	-4.4	-1.4	-1.2	-5.1
-88.95		2559	-91.1	-25.2	-1.2	-25.2	-91.1
-70.96		2563	-9.0	-4.8	-1.6	-4.3	-9.6
-74.87		2562	-9.8	-4.3	-1.6	-3.9	-10.3
-89.35		2558	-99.8	-33.1	-0.8	-33.1	-99.8

		NODE	Vxx	Vyy
Max	Cent	2559	0.0	0.0
		2563	0.0	0.0
		2562	0.0	0.0
		2558	0.0	0.0
Min	Cent	2559	-0.2	-0.0
		2563	-0.2	-0.0
		2562	-0.2	-0.0
		2558	-0.2	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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28.11	c mob-b	Max	Cent	102.5	47.5	41.1	124.4	25.6
14.14			2559	204.9	52.1	41.1	215.2	41.8
13.93			2563	204.9	49.3	41.1	215.1	39.2
31.25			2562	92.1	49.3	41.1	117.1	24.4
32.02			2558	92.1	52.1	41.1	117.8	26.4
-67.92		Min	Cent	-43.3	-6.3	-18.0	1.0	-50.6
-81.17			2559	-128.2	-15.4	-18.0	-12.6	-131.0
			2563	-128.2	-6.1	-18.0	-3.5	-130.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-81.80							
		2562	-21.2	-6.1	-18.0	5.8	-33.1
-56.41							
		2558	-21.2	-15.4	-18.0	-0.1	-36.5
-49.62							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	2.1	4.4	5.0	8.4	-1.9
51.65		2559	9.6	2.2	6.1	13.0	-1.2
29.52		2563	99.7	24.4	5.4	100.1	24.0
4.10		2562	103.6	24.9	4.3	103.8	24.7
3.10		2558	7.2	7.0	5.1	12.2	2.0
44.59	Min	Cent	-3.1	-6.5	-3.2	-1.2	-8.4
-30.94		2559	-99.8	-26.4	-1.6	-26.3	-99.8
-88.75		2563	-9.8	-2.8	-2.2	-2.2	-10.5
-74.24		2562	-7.1	-5.2	-2.7	-3.2	-9.0
-54.30		2558	-106.2	-40.6	-2.1	-40.6	-106.3
-88.20							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		2559	0.0	0.0
		2563	0.0	0.0
		2562	0.0	0.0
		2558	0.0	0.0
	Min	Cent	-0.2	-0.0
		2559	-0.2	-0.0
		2563	-0.2	-0.0
		2562	-0.2	-0.0
		2558	-0.2	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	104.7	29.0	14.9	107.6	26.2
10.74		2559	141.5	19.9	14.9	143.3	18.1
6.89		2563	141.5	38.1	14.9	143.6	35.9
8.04		2562	68.0	38.1	14.9	74.1	31.9
22.45		2558	68.0	19.9	14.9	72.2	15.7
15.91							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	5.4	-4.7	5.0	7.5	-6.7
22.48		2559	-84.3	-40.8	8.2	-39.3	-85.9
79.63		2563	101.3	28.4	3.0	101.4	28.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2.33							
	2562	106.4	22.2	3.1	106.5	22.1	
2.14							
	2558	-101.7	-28.4	8.4	-27.5	-102.6	
83.53							

NODE	Vxx	Vyy
Cent	-0.2	-0.0
2559	-0.2	-0.0
2563	-0.2	0.0
2562	-0.2	0.0
2558	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.6	0.3	-0.3	0.4	-0.8
-72.20		2559	-1.9	0.5	-0.3	0.5	-1.9
-82.03		2563	-1.9	0.1	-0.3	0.2	-1.9
-80.68		2562	0.6	0.1	-0.3	0.8	-0.1
-27.32		2558	0.6	0.5	-0.3	0.9	0.2
-40.18							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.1	-0.2	0.1	-0.0	-0.2
27.53	2559	-1.4	-0.5	0.1	-0.5	-1.4
83.22	2563	1.5	0.6	0.1	1.5	0.6
4.45	2562	1.2	-0.2	0.1	1.2	-0.2
2.38	2558	-1.5	-0.6	0.1	-0.6	-1.5
83.90						

NODE	Vxx	Vyy
Cent	-0.0	0.0
2559	-0.0	0.0
2563	-0.0	0.0
2562	-0.0	0.0
2558	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	20.2	-39.9	-5.0	20.6	-40.3
-4.70		2559	103.5	-38.5	-5.0	103.7	-38.7
-2.00		2563	103.5	-41.2	-5.0	103.7	-41.3
-1.97		2562	-63.1	-41.2	-5.0	-40.1	-64.2
-77.82		2558	-63.1	-38.5	-5.0	-37.6	-64.1
-78.99							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-1.2	-2.8	-5.8	3.8	-7.8
-41.08		2559	63.8	20.7	-5.8	64.5	20.0
-7.58		2563	-66.1	-20.6	-4.5	-20.1	-66.6
-84.35		2562	-56.0	-20.9	-4.6	-20.3	-56.6
-82.73		2558	53.6	9.7	-5.8	54.4	8.9
-7.42							
		NODE	Vxx	Vyy			
		Cent	0.1	0.0			
		2559	0.1	0.0			
		2563	0.1	0.0			
		2562	0.1	0.0			
		2558	0.1	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	36.4	9.6	2.0	36.5	9.4
4.17	perm	2559	55.2	7.5	2.0	55.3	7.4
2.35		2563	55.2	11.7	2.0	55.3	11.6
2.58		2562	17.6	11.7	2.0	18.2	11.1
16.79		2558	17.6	7.5	2.0	18.0	7.1
10.59							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	1.1	-1.1	0.8	1.3	-1.3
18.37		2559	-29.4	-8.4	1.7	-8.3	-29.6
85.46		2563	32.7	7.3	1.1	32.8	7.3
2.36		2562	36.4	7.7	0.5	36.4	7.7
0.92		2558	-35.4	-10.8	1.1	-10.8	-35.4
87.47							
		NODE	Vxx	Vyy			
		Cent	-0.1	0.0			
		2559	-0.1	0.0			
		2563	-0.1	0.0			
		2562	-0.1	0.0			
		2558	-0.1	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	194.9	77.5	57.4	210.8	50.9
16.85	INV TO~1 Max						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

7.53		2559	435.2	83.8	57.4	442.2	71.1
7.55		2563	435.2	87.6	57.4	442.2	74.7
30.64		2562	150.5	87.6	57.4	184.5	53.5
29.93		2558	150.5	83.8	57.4	183.6	50.7
-30.21	Min	Cent	-22.1	-38.8	-32.6	17.1	-57.8
-77.23		2559	-128.8	-51.9	-32.6	-7.1	-135.1
-39.60		2563	-128.8	-37.8	-32.6	1.6	-134.4
-59.61		2562	-74.2	-37.8	-32.6	-18.7	-93.3
-54.47		2558	-74.2	-51.9	-32.6	-28.6	-97.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

44.96	Max	Cent	5.5	5.4	7.5	13.0	1.5
7.00		2559	50.7	16.5	10.1	51.2	16.0
3.75		2563	167.4	40.3	8.4	167.9	39.7
2.64		2562	176.2	41.3	6.2	176.5	41.0
5.39		2558	35.2	13.3	7.9	35.4	13.1
-23.06	Min	Cent	-4.2	-12.6	-9.3	-1.6	-18.6
-89.77		2559	-164.2	-44.0	-6.3	-44.0	-164.2
-77.26		2563	-46.7	-19.8	-6.4	-18.3	-48.1
-64.52		2562	-32.9	-20.3	-7.8	-16.6	-36.6
-89.14		2558	-178.8	-65.7	-7.5	-65.6	-178.8

		NODE	Vxx	Vyy
Max	Cent		0.1	0.0
		2559	0.1	0.1
		2563	0.1	0.0
		2562	0.1	0.0
		2558	0.1	0.1
Min	Cent		-0.3	-0.0
		2559	-0.3	-0.0
		2563	-0.3	-0.0
		2562	-0.4	-0.0
		2558	-0.4	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

16.85	INV TO~2	Max	Cent	194.9	77.5	57.4	210.8	50.9
7.53			2559	435.2	83.8	57.4	442.2	71.1
7.55			2563	435.2	87.6	57.4	442.2	74.7
			2562	150.5	87.6	57.4	184.5	53.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-79.89		2563	-62.6	-2.1	-11.1	-0.1	-64.6
-79.92		2308	-62.6	-1.9	-11.1	0.1	-64.6
-46.60		2567	-3.2	-1.9	-11.1	8.6	-13.7
-46.34		2562	-3.2	-2.1	-11.1	8.5	-13.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	3.8	4.8	9.4	13.7	-5.1
46.49		2563	27.9	4.9	9.3	31.2	1.6
19.50		2308	53.6	7.4	6.5	54.5	6.5
7.84		2567	26.3	13.5	5.9	28.6	11.1
21.32		2562	26.8	12.8	8.8	31.0	8.6
25.73	Min	Cent	-2.7	-4.2	-2.4	-0.9	-6.0
-36.23		2563	-46.0	-14.9	-3.4	-14.5	-46.4
-83.90		2308	-32.2	-2.7	-3.1	-2.4	-32.5
-84.06		2567	-29.0	-5.7	-1.4	-5.6	-29.1
-86.50		2562	-23.6	-16.3	-1.6	-16.0	-24.0
-77.99							

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		2563	0.1	0.0
		2308	0.1	0.0
		2567	0.1	0.0
		2562	0.1	0.0
	Min	Cent	-0.1	-0.0
		2563	-0.1	-0.0
		2308	-0.1	-0.0
		2567	-0.0	-0.0
		2562	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	38.6	38.1	20.7	17.7
44.70			2563	50.4	47.3	20.7	28.1
42.84			2308	50.4	31.5	20.7	18.2
32.73			2567	72.4	31.5	20.7	22.9
22.68			2562	72.4	47.3	20.7	35.6
29.39	Min	Cent	-16.1	-7.8	-16.1	4.7	-28.5
-52.23			2563	-66.2	-11.4	-16.1	-70.5
-74.78			2308	-66.2	-9.9	-16.1	-70.4
-75.11			2567	-8.4	-9.9	-16.1	-25.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.61
-42.33

2562 -8.4 -11.4 -16.1 6.3 -26.0
 ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	Max	Cent	4.1	1.8	8.7	11.8	-5.8
41.26		2563	25.1	3.3	8.8	28.2	0.2
19.50		2308	52.1	7.4	5.8	52.9	6.7
7.21		2567	28.1	10.5	5.4	29.6	9.0
15.73		2562	14.6	5.9	8.8	20.0	0.4
31.83	Min	Cent	-1.3	-4.7	-6.0	3.2	-9.2
-37.13		2563	-41.6	-15.1	-5.5	-14.1	-42.7
-78.75		2308	-22.0	-1.8	-5.4	-0.4	-23.3
-75.92		2567	-15.3	-5.2	-3.8	-3.9	-16.6
-71.62		2562	-24.2	-16.8	-3.8	-15.1	-25.8
-66.93							

		NODE	Vxx	Vyy
-----	Max	Cent	0.0	0.0
		2563	0.1	0.0
		2308	0.1	0.0
		2567	0.0	0.0
		2562	0.0	0.0
	Min	Cent	-0.1	-0.0
		2563	-0.1	-0.0
		2308	-0.1	-0.0
		2567	-0.0	-0.0
		2562	-0.0	-0.0

LC ANGLE NODE Fxx Fyy Fxy Fmax Fmin

-----	pp	Cent	49.0	24.5	22.6	62.4	11.0
30.74		2563	33.9	21.3	22.6	51.1	4.2
37.20		2308	33.9	27.6	22.6	53.6	8.0
41.01		2567	64.1	27.6	22.6	74.9	16.8
25.54		2562	64.1	21.3	22.6	73.8	11.6
23.29							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----		Cent	3.7	-2.4	5.7	7.2	-5.8
30.87		2563	-28.1	-10.4	6.0	-8.6	-29.9
72.88		2308	39.7	5.1	2.8	39.9	4.9
4.54		2567	20.4	10.5	3.7	21.6	9.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.33
49.62

NODE	Vxx	Vyy
Cent	-0.1	-0.0
2563	-0.1	0.0
2308	-0.1	-0.0
2567	-0.0	-0.0
2562	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-79.04	vento -y	Cent	-0.1	0.4	-0.1	0.5	-0.1
-82.79		2563	-0.5	0.3	-0.1	0.3	-0.5
-84.70		2308	-0.5	0.6	-0.1	0.6	-0.5
-68.56		2567	0.4	0.6	-0.1	0.6	0.3
-34.60		2562	0.4	0.3	-0.1	0.4	0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.05	Cent	0.1	-0.2	0.6	0.5	-0.7
75.01	2563	-2.3	-0.5	0.5	-0.4	-2.4
8.42	2308	2.7	0.3	0.4	2.7	0.2
35.95	2567	0.3	0.1	0.3	0.5	-0.2
37.93	2562	-0.4	-0.7	0.5	-0.0	-1.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
2563	-0.0	0.0
2308	-0.0	-0.0
2567	-0.0	-0.0
2562	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
15.67	cedime~1	Cent	7.1	-41.5	14.8	11.3	-45.7
7.07		2563	72.4	-45.1	14.8	74.2	-46.9
7.51		2308	72.4	-37.9	14.8	74.3	-39.9
62.17		2567	-58.2	-37.9	14.8	-30.1	-66.0
56.91		2562	-58.2	-45.1	14.8	-35.4	-67.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
-46.06          Cent      -1.2      -0.3      -11.1      10.4      -11.9
-15.27          2563      48.8      13.9      -10.3      51.6      11.1
-79.19          2308     -51.0      -7.1      -8.7       -5.5     -52.7
-55.96          2567     -13.7      -7.4      -7.7       -2.2     -18.9
-28.69          2562      11.2      -0.7      -9.3      16.3      -5.8
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.1      0.0
          2563      0.1      0.0
          2308      0.1      0.0
          2567      0.0      0.0
          2562      0.0      0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm          Cent      18.6      7.1      10.0      24.4      1.3
          2563          21.0      6.3      10.0      26.0      1.3
          2308          21.0      7.8      10.0      26.3      2.4
          2567          16.3      7.8      10.0      22.9      1.2
          2562          16.3      6.3      10.0      22.4      0.2
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent      1.1      -0.9      0.8      1.4      -1.1
          2563     -4.4      -3.9      1.0     -3.1     -5.1
          2308      8.2      1.8     -0.2      8.2      1.8
          2567      5.9      3.2      0.5      5.9      3.2
          2562     -5.0     -4.7      1.6     -3.3     -6.5
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent     -0.0     -0.0
          2563     -0.0      0.0
          2308     -0.0     -0.0
          2567     -0.0     -0.0
          2562     -0.0      0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1 Max          Cent      77.8      94.4      52.7      122.2      42.8
          2563          161.4      75.8      52.7      180.0      44.0
          19.45
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-41.87		2207	-22.7	-431.6	-1865.5	1649.6	-2103.9
-41.90		2714	-26.3	-431.6	-1865.5	1647.6	-2105.5
-40.49		2712	-26.3	-618.9	-1865.5	1566.3	-2211.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		-----	-----	-----	-----	-----	-----	
		Max	Cent	3113.2	2713.3	5428.6	8345.6	-2519.1
43.95			2205	5751.8	3992.5	2575.9	7594.1	2150.2
35.57			2207	5453.9	998.8	7723.9	11265.0	-4812.3
36.96			2714	19481.3	19781.5	7566.7	27199.6	12063.2
45.57			2712	9810.7	3094.7	2628.1	10716.9	2188.6
19.02		Min	Cent	-28031.9	-9547.6	-7435.2	-6928.1	-30651.4
-70.59			2205	-52724.9	-14771.4	-5945.2	-13862.0	-53634.4
-81.30			2207	-15024.2	-11061.3	-8306.0	-4503.6	-21581.8
-51.71			2714	-9490.1	-5788.3	-7061.7	-339.0	-14939.5
-52.34			2712	-64028.1	-16949.6	-4668.1	-16491.2	-64486.5
-84.39								

		NODE	Vxx	Vyy
	Max	Cent	9.7	3.1
		2205	7.0	13.4
		2207	7.0	4.8
		2714	12.7	4.8
		2712	12.7	13.4
	Min	Cent	-64.4	-18.3
		2205	-51.4	-12.9
		2207	-51.4	-36.2
		2714	-77.8	-36.2
		2712	-77.8	-12.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

		-----	-----	-----	-----	-----	-----	
	c mob-b	Max	Cent	415.5	11.5	22.8	416.8	10.2
3.22			2205	279.9	11.6	22.8	281.9	9.7
4.82			2207	279.9	11.8	22.8	281.9	9.9
4.82			2714	574.7	11.8	22.8	575.6	10.9
2.31			2712	574.7	11.6	22.8	575.6	10.7
2.31		Min	Cent	-11.8	-447.6	-1793.6	1577.1	-2036.4
-41.54			2205	-9.5	-571.9	-1793.6	1524.7	-2106.2
-40.54			2207	-9.5	-331.6	-1793.6	1630.2	-1971.4
-42.43			2714	-14.9	-331.6	-1793.6	1627.3	-1973.8
-42.48			2712	-14.9	-571.9	-1793.6	1521.7	-2108.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.59

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	3833.5	1858.8	5402.0	8337.6	-2645.3
39.82		2205	7441.3	4420.1	3153.5	9427.3	2434.1
32.20		2207	2460.6	71.2	7605.0	8964.1	-6432.3
40.54		2714	11357.1	10851.2	7641.1	18749.5	3458.9
44.05		2712	12353.5	1809.5	3212.3	13255.0	908.0
15.68	Min	Cent	-22723.5	-9402.6	-3616.0	-8484.3	-23641.8
-75.75		2205	-40128.8	-14203.9	-2976.1	-13866.6	-40466.0
-83.53		2207	-15316.5	-10558.5	-3592.5	-8628.7	-17246.3
-61.76		2714	-10974.9	-6682.2	-3340.9	-4857.5	-12799.5
-61.36		2712	-42513.4	-12803.7	-2593.1	-12579.1	-42738.0
-85.05							

		NODE	Vxx	Vyy
Max	Cent		12.9	3.6
		2205	9.3	11.9
		2207	9.3	6.4
		2714	16.5	6.4
		2712	16.5	11.9
Min	Cent		-41.3	-13.4
		2205	-34.5	-11.0
		2207	-34.5	-24.2
		2714	-48.2	-24.2
		2712	-48.2	-11.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1160.3	-1160.2	-5137.5	5266.9	-5266.8
-38.64		2205	665.8	-1503.1	-5137.5	4832.1	-5669.4
-39.04		2207	665.8	-817.3	-5137.5	5115.0	-5266.5
-40.89		2714	1654.8	-817.3	-5137.5	5702.8	-4865.4
-38.24		2712	1654.8	-1503.1	-5137.5	5450.5	-5298.8
-36.46							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-57565.9	-21665.9	10778.0	-18678.7	-60553.1
74.51		2205	-105273.5	-39195.2	2721.0	-39083.4	-105385.4
87.65		2207	-39492.6	-30942.2	17233.8	-17461.3	-52973.6
51.97		2714	-21054.8	1083.9	17976.2	11125.6	-31096.4
60.81		2712	-64442.7	-17610.1	3463.4	-17355.3	-64697.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.79

NODE	Vxx	Vyy
Cent	-57.7	-33.3
2205	-71.3	-21.4
2207	-71.3	-45.2
2714	-44.1	-45.2
2712	-44.1	-21.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.55	vento -y	Cent	-32.4	-7.4	46.3	28.1	-67.9
53.75		2205	-33.0	-3.8	46.3	30.1	-67.0
51.70		2207	-33.0	-11.0	46.3	25.6	-69.6
51.33		2714	-31.8	-11.0	46.3	26.1	-68.8
53.39		2712	-31.8	-3.8	46.3	30.6	-66.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-27.06	Cent	1650.4	253.0	-966.2	2144.0	-240.6
-21.81	2205	2921.2	1325.1	-760.6	3225.6	1020.7
-38.98	2207	1427.2	924.9	-1178.4	2380.9	-28.8
-27.92	2714	1285.2	-169.1	-1071.7	1853.2	-737.1
-16.35	2712	967.9	-1068.9	-653.9	1159.7	-1260.8

NODE	Vxx	Vyy
Cent	0.7	2.4
2205	1.6	3.2
2207	1.6	1.7
2714	-0.2	1.7
2712	-0.2	3.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.23	cedime~1	Cent	-4.1	-140.9	-2.9	-4.0	-141.0
-1.26		2205	-20.5	-153.8	-2.9	-20.5	-153.9
-1.57		2207	-20.5	-127.9	-2.9	-20.5	-128.0
-1.20		2714	12.3	-127.9	-2.9	12.4	-128.0
-1.01		2712	12.3	-153.8	-2.9	12.4	-153.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-56.52	Cent	-4931.0	664.5	-6580.2	5017.0	-9283.5
-71.02	2205	-9450.6	3635.7	-5103.4	5390.6	-11205.5
-38.36	2207	3695.3	274.0	-7250.2	9434.0	-5464.7
-37.71	2714	11434.1	7951.1	-6699.2	16614.4	2770.8
-75.33	2712	-25403.0	-9202.8	-4552.3	-8011.2	-26594.6

NODE	Vxx	Vyy
Cent	-26.2	2.8
2205	-15.4	15.4
2207	-15.4	-9.8
2714	-37.1	-9.8
2712	-37.1	15.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-38.19	perm	Cent	340.3	-329.3	-1380.9	1426.4	-1415.4
-38.52		2205	213.8	-421.3	-1380.9	1313.1	-1520.7
-40.36		2207	213.8	-237.3	-1380.9	1387.4	-1410.9
-37.85		2714	466.8	-237.3	-1380.9	1539.8	-1310.3
-36.09		2712	466.8	-421.3	-1380.9	1473.3	-1427.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
76.66	Cent	-18508.2	-6169.8	3099.3	-5435.1	-19242.9
87.62	2205	-32852.0	-10631.2	925.3	-10592.7	-32890.5
55.52	2207	-12102.8	-8351.2	4877.4	-5001.3	-15452.7
61.82	2714	-6094.6	784.8	5170.5	3555.2	-8865.0
85.80	2712	-22983.2	-6481.7	1218.4	-6392.2	-23072.7

NODE	Vxx	Vyy
Cent	-19.8	-8.1
2205	-22.5	-3.5
2207	-22.5	-12.7
2714	-17.2	-12.7
2712	-17.2	-3.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-40.15	INV TO~1 Max	Cent	906.5	-308.8	-1343.7	3599.2	-1175.8
-39.77		2205	591.7	-402.7	-1343.7	3428.4	-1338.2
-41.34		2207	591.7	-213.7	-1343.7	3613.0	-1213.7

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	Company		Client	
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-40.44			2714	1268.4	-213.7	-1343.7	3754.9	-1010.3
-38.89			2712	1268.4	-402.7	-1343.7	3576.9	-1152.3
-31.67	Min	Cent		306.0	-1164.4	-3902.3	1733.2	-4400.2
-33.64			2205	162.5	-1410.6	-3902.3	1467.2	-4604.8
-35.64			2207	162.5	-947.9	-3902.3	1536.6	-4334.3
-29.56			2714	431.3	-947.9	-3902.3	2032.3	-4216.0
-27.94			2712	431.3	-1410.6	-3902.3	1982.6	-4494.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.72	Max	Cent		-13332.9	-1842.4	10427.9	3829.3	-19120.8
89.85			2205	-22806.3	-1028.3	5182.5	-1028.1	-24182.4
42.89			2207	-1044.8	-6728.8	15304.7	9475.0	-12427.9
51.10			2714	31639.2	35440.9	15486.0	42530.1	24550.0
54.91			2712	-6306.0	-2303.8	5555.0	1599.6	-10209.3
-79.79	Min	Cent		-61282.3	-19059.0	-13518.4	-17810.0	-65187.7
-84.53			2205	-113481.2	-30572.6	-12204.1	-29892.6	-115169.3
-63.42			2207	-32780.0	-23283.9	-13586.0	-20114.6	-39968.7
-72.73			2714	-20910.7	-8236.2	-11062.0	-6879.6	-22267.2
-84.34			2712	-134824.1	-38566.4	-9635.9	-37611.3	-135779.2

			NODE	Vxx	Vyy
Max	Cent			-2.5	-0.4
			2205	-10.0	30.0
			2207	-10.0	-4.0
			2714	5.2	-4.0
			2712	5.2	30.0
Min	Cent			-133.0	-32.8
			2205	-107.3	-20.9
			2207	-107.3	-71.3
			2714	-159.3	-71.3
			2712	-159.3	-20.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-38.64	INV TO~2	Max	Cent	1566.4	-308.8	-1343.7	7110.4	-1175.8
-39.04			2205	898.9	-402.7	-1343.7	6523.3	-1338.2
-40.89			2207	898.9	-213.7	-1343.7	6905.2	-1213.7
-38.24			2714	2234.0	-213.7	-1343.7	7698.8	-1010.3
-36.46			2712	2234.0	-402.7	-1343.7	7358.2	-1152.3
		Min	Cent	306.0	-1566.3	-6935.6	1733.2	-7110.2

PROJECT TITLE :

	Company		Client	
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-31.67							
	2205	162.5	-2029.2	-6935.6	1467.2	-7653.6	
-33.64							
	2207	162.5	-1103.4	-6935.6	1536.6	-7109.8	
-35.64							
	2714	431.3	-1103.4	-6935.6	2032.3	-6568.2	
-29.56							
	2712	431.3	-2029.2	-6935.6	1982.6	-7153.4	
-27.94							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Max	Cent	-13332.9	-1842.4	14550.2	3829.3	-19120.8
58.72							
		2205	-22806.3	-1028.3	5182.5	-1028.1	-24182.4
89.85							
		2207	-1044.8	-6728.8	23265.7	9475.0	-12427.9
42.89							
		2714	31639.2	35440.9	24267.9	42530.1	24550.0
51.10							
		2712	-6306.0	-2303.8	5555.0	1599.6	-10209.3
54.91							
	Min	Cent	-77714.0	-29249.0	-13518.4	-25216.2	-81746.7
74.51							
		2205	-142119.2	-52913.6	-12204.1	-52762.6	-142270.2
87.65							
		2207	-53315.1	-41772.0	-13586.0	-23572.7	-71514.4
51.97							
		2714	-28423.9	-8236.2	-11062.0	-6879.6	-41980.2
-72.73							
		2712	-134824.1	-38566.4	-9635.9	-37611.3	-135779.2
-84.34							

		NODE	Vxx	Vyy
	Max	Cent	-2.5	-0.4
		2205	-10.0	30.0
		2207	-10.0	-4.0
		2714	5.2	-4.0
		2712	5.2	30.0
	Min	Cent	-133.0	-44.9
		2205	-107.3	-28.9
		2207	-107.3	-71.3
		2714	-159.3	-71.3
		2712	-159.3	-28.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
2542	1	2	c mob-a	Max	Cent	308.2	16.3	33.8	312.0	12.4
	6.52				2207	185.9	16.4	33.8	192.4	9.9
	10.88				2209	185.9	26.6	33.8	192.8	19.7
	11.50				2716	438.2	26.6	33.8	441.0	23.8
	4.67				2714	438.2	16.4	33.8	440.9	13.7
	4.55			Min	Cent	-33.1	-345.7	-2071.1	1887.7	-2266.4
	-42.84				2207	-38.2	-448.5	-2071.1	1837.9	-2324.6
	-42.17				2209	-38.2	-257.6	-2071.1	1926.2	-2221.9
	-43.48									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.42		2716	-29.5	-257.6	-2071.1	1930.7	-2217.8
-42.11		2714	-29.5	-448.5	-2071.1	1842.7	-2320.7

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	15965.4	12954.8	10601.7	25168.2	3752.1
40.96		2207	5544.4	947.8	8943.9	12480.5	-5988.4
37.79		2209	17095.1	6950.0	10380.4	23576.1	469.1
31.98		2716	26846.2	29873.1	11726.0	40182.9	16536.4
48.68		2714	15304.8	18983.7	10216.3	27524.8	6763.7
50.10	Min	Cent	-8569.0	-4889.4	-2830.1	-3353.7	-10104.8
-61.51		2207	-17481.9	-11551.1	-4935.8	-8758.4	-20274.6
-60.50		2209	-3761.8	-2030.0	-2080.4	-642.5	-5149.4
-56.30		2716	-6960.0	-6161.5	-1334.1	-5168.2	-7953.3
-53.33		2714	-10071.0	-5836.1	-3543.8	-3825.3	-12081.8
-60.43							

		NODE	Vxx	Vyy
	Max	Cent	3.0	6.2
		2207	2.8	4.8
		2209	2.8	9.3
		2716	3.7	9.3
		2714	3.7	4.8
	Min	Cent	-19.9	-34.9
		2207	-22.8	-36.2
		2209	-22.8	-36.6
		2716	-17.1	-36.6
		2714	-17.1	-36.2

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	c mob-b	Max	Cent	306.3	12.6	27.8	308.9	10.0
5.37			2207	204.2	11.3	27.8	208.1	7.3
8.05			2209	204.2	16.5	27.8	208.2	12.5
8.27			2716	431.1	16.5	27.8	433.0	14.7
3.83			2714	431.1	11.3	27.8	432.9	9.4
3.78		Min	Cent	-15.8	-233.9	-2005.4	1883.4	-2133.2
-43.44			2207	-19.7	-350.9	-2005.4	1826.9	-2197.5
-42.64			2209	-19.7	-122.1	-2005.4	1935.1	-2076.9
-44.27			2716	-13.6	-122.1	-2005.4	1938.2	-2074.0
-44.23			2714	-13.6	-350.9	-2005.4	1830.2	-2194.7
-42.60								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	7231.7	6131.6	10323.0	17019.3	-3656.0
43.48		2207	2823.8	62.9	9049.2	10597.2	-7710.6
40.66		2209	7143.6	5129.1	10111.9	16298.3	-4025.6
42.16		2716	10934.9	13508.0	11548.7	23841.6	601.3
48.18		2714	8880.1	10355.4	9938.4	19583.5	-348.0
47.12	Min	Cent	-9639.0	-5400.3	-347.1	-5372.1	-9667.2
-85.35		2207	-17745.4	-11043.2	-1283.6	-10805.8	-17982.8
-79.52		2209	-4884.3	-2147.0	-210.5	-2130.9	-4900.4
-85.63		2716	-8710.1	-7717.9	-273.2	-7647.6	-8780.3
-75.58		2714	-10623.6	-6699.9	-701.2	-6578.3	-10745.1
-80.17							

		NODE	Vxx	Vyy
	Max	Cent	4.0	8.0
		2207	3.6	6.4
		2209	3.6	11.6
		2716	4.6	11.6
		2714	4.6	6.4
	Min	Cent	-11.7	-18.7
		2207	-15.4	-24.2
		2209	-15.4	-15.5
		2716	-8.2	-15.5
		2714	-8.2	-24.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	854.0	-515.6	-5798.1	6007.7	-5669.2
-41.63		2207	483.6	-878.6	-5798.1	5640.5	-6035.5
-41.65		2209	483.6	-152.6	-5798.1	5972.4	-5641.3
-43.43		2716	1224.4	-152.6	-5798.1	6374.8	-5303.0
-41.61		2714	1224.4	-878.6	-5798.1	6065.6	-5719.8
-39.86							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-16997.4	-4420.7	29005.1	18969.9	-40388.0
51.12		2207	-46887.2	-32421.2	23481.5	-15083.9	-64224.4
53.56		2209	1625.9	6778.7	28586.8	32905.0	-24500.4
47.57		2716	-638.7	7082.6	32809.6	36257.9	-29814.1
48.36		2714	-22089.6	877.0	27704.3	19383.6	-40596.3
56.26							

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NODE	Vxx	Vyy
Cent	-31.3	-23.2
2207	-41.8	-45.2
2209	-41.8	-1.2
2716	-20.8	-1.2
2714	-20.8	-45.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.26	vento -y	Cent	-26.9	-7.7	37.1	21.1	-55.7
52.74		2207	-30.4	-9.9	37.1	18.4	-58.7
54.27		2209	-30.4	-5.5	37.1	21.2	-57.2
51.77		2716	-23.4	-5.5	37.1	23.7	-52.7
50.17		2714	-23.4	-9.9	37.1	21.1	-54.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-39.19	Cent	717.8	202.2	-1253.5	1739.8	-819.7
-38.51	2207	1491.1	937.7	-1201.3	2447.1	-18.4
-45.58	2209	151.6	202.1	-1240.0	1417.1	-1063.4
-41.09	2716	247.1	-100.9	-1265.8	1350.8	-1204.6
-31.86	2714	981.6	-229.9	-1227.1	1744.3	-992.6

NODE	Vxx	Vyy
Cent	1.0	1.1
2207	1.2	1.7
2209	1.2	0.5
2716	0.8	0.5
2714	0.8	1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-24.07	cedime~1	Cent	-17.3	-95.9	-43.9	2.4	-115.5
-21.58		2207	-37.0	-130.6	-43.9	-19.6	-147.9
-37.28		2209	-37.0	-61.2	-43.9	-3.5	-94.6
-27.03		2716	2.5	-61.2	-43.9	24.8	-83.6
-16.71		2714	2.5	-130.6	-43.9	15.6	-143.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.91	Cent	8239.2	5649.6	-3941.4	11093.0	2795.8

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.57	2207	3896.1	314.2	-5242.6	7645.2	-3435.0
-25.11	2209	7912.2	2348.3	-3342.4	9479.0	781.6
-44.22	2716	12727.8	12587.7	-2588.4	15247.1	10068.4
-41.59	2714	8420.7	7348.4	-4488.7	12405.1	3364.0

NODE	Vxx	Vyy
Cent	-3.5	-12.3
2207	-3.7	-9.8
2209	-3.7	-14.8
2716	-3.4	-14.8
2714	-3.4	-9.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-41.29	perm	Cent	250.4	-157.7	-1566.3	1625.9	-1533.3
-41.28		2207	154.3	-255.3	-1566.3	1529.2	-1630.2
-43.04		2209	154.3	-60.2	-1566.3	1617.0	-1523.0
-41.30		2716	346.5	-60.2	-1566.3	1722.6	-1436.3
-39.56		2714	346.5	-255.3	-1566.3	1640.6	-1549.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
52.18	Cent	-4923.0	-511.3	8614.7	6175.5	-11609.8
55.72	2207	-14192.0	-8769.1	6906.8	-4060.6	-18900.5
48.44	2209	904.6	2961.1	8510.9	10505.7	-6639.9
48.99	2716	357.2	3111.6	9821.2	11651.8	-8182.9
57.14	2714	-6762.0	651.3	8217.1	5959.1	-12069.8

NODE	Vxx	Vyy
Cent	-10.0	-6.5
2207	-13.1	-12.7
2209	-13.1	-0.4
2716	-6.8	-0.4
2714	-6.8	-12.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-42.28	INV TO~1 Max	Cent	666.4	-135.7	-1520.7	4172.8	-1307.3
-41.85		2207	429.9	-233.1	-1520.7	4009.9	-1458.0
-43.33		2209	429.9	-24.3	-1520.7	4217.3	-1334.8
-42.48		2716	940.5	-24.3	-1520.7	4343.4	-1138.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-41.19			2714	940.5	-233.1	-1520.7	4124.2	-1277.1
-37.14	Min	Cent		188.5	-720.3	-4406.3	1834.2	-4695.5
-38.20			2207	65.8	-991.3	-4406.3	1624.3	-4900.6
-40.65			2209	65.8	-469.1	-4406.3	1736.5	-4616.1
-36.22			2716	306.6	-469.1	-4406.3	2051.9	-4503.4
-34.47			2714	306.6	-991.3	-4406.3	1982.0	-4795.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

43.31	Max	Cent		24869.5	22627.4	22927.0	42767.2	4729.7
44.41			2207	-2811.1	-7175.3	19123.2	12028.8	-19044.2
32.92			2209	31895.2	14692.0	22524.4	44315.9	2271.3
49.13			2716	49327.4	56028.0	25651.4	75982.7	29372.7
53.94			2714	22320.1	33627.7	22009.1	46384.0	9563.9
68.29	Min	Cent		-17935.7	-7801.7	852.7	-5893.2	-19844.2
88.99			2207	-38148.3	-24363.1	-4999.3	-24358.8	-38152.6
58.38			2209	-5689.2	62.6	2359.9	3573.2	-9199.8
52.16			2716	-11401.4	-7307.5	5431.8	-1077.1	-17631.8
75.81			2714	-21103.8	-8393.5	-1055.7	-7525.6	-21971.8

		NODE	Vxx	Vyy
Max	Cent		-4.6	4.2
		2207	-8.2	-4.0
		2209	-8.2	15.2
		2716	-0.6	15.2
		2714	-0.6	-4.0
Min	Cent		-40.4	-65.9
		2207	-47.6	-71.3
		2209	-47.6	-64.6
		2716	-33.3	-64.6
		2714	-33.3	-71.3

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-41.63	INV TO~2	Max	Cent	1152.9	-135.7	-1520.7	8110.3	-1307.3
-41.65			2207	652.9	-233.1	-1520.7	7614.7	-1458.0
-43.43			2209	652.9	-24.3	-1520.7	8062.7	-1334.8
-41.61			2716	1652.9	-24.3	-1520.7	8606.0	-1138.1
-39.86			2714	1652.9	-233.1	-1520.7	8188.6	-1277.1
-37.14		Min	Cent	188.5	-720.3	-7827.5	1834.2	-7653.5
			2207	65.8	-1186.1	-7827.5	1624.3	-8147.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-38.20							
	2209	65.8	-469.1	-7827.5	1736.5	-7615.8	
-40.65							
	2716	306.6	-469.1	-7827.5	2051.9	-7159.0	
-36.22							
	2714	306.6	-1186.1	-7827.5	1982.0	-7721.8	
-34.47							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	24869.5	22627.4	39156.9	42767.2	4729.7
43.31							
			2207	-2811.1	-7175.3	31700.0	-19044.2
44.41							
			2209	31895.2	14692.0	38592.2	2271.3
47.57							
			2716	49327.4	56028.0	44293.0	29372.7
49.13							
			2714	22320.1	33627.7	37400.9	9563.9
53.94							
	Min	Cent	-22946.5	-7801.7	852.7	-5893.2	-54523.8
68.29							
			2207	-63297.7	-43768.6	-4999.3	-24358.8
88.99							
			2209	-5689.2	62.6	2359.9	3573.2
58.38							
			2716	-11401.4	-7307.5	5431.8	-1077.1
52.16							
			2714	-29821.0	-8393.5	-1055.7	-7525.6
75.81							

		NODE	Vxx	Vyy
	Max	Cent	-4.6	4.2
		2207	-8.2	-4.0
		2209	-8.2	15.2
		2716	-0.6	15.2
		2714	-0.6	-4.0
	Min	Cent	-42.3	-65.9
		2207	-56.5	-71.3
		2209	-56.5	-64.6
		2716	-33.3	-64.6
		2714	-33.3	-71.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

2571	1	2	c mob-a	Max	Cent	292.0	14.2	1450.9	1610.6
42.27									
					2208	127.8	15.5	1450.9	1523.6
43.89					2206	127.8	13.3	1450.9	1522.6
43.87					2713	469.8	13.3	1450.9	1710.3
40.53					2715	469.8	15.5	1450.9	1711.2
40.55									
				Min	Cent	-52.4	-523.1	-26.6	-50.9
-3.22									
					2208	-93.5	-441.0	-26.6	-91.5
-4.34					2206	-93.5	-617.6	-26.6	-92.1
-2.89									
					2713	-36.7	-617.6	-26.6	-35.5
-2.61									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.74			2715	-36.7	-441.0	-26.6	-34.9	-442.7
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----			-----	-----	-----	-----	-----	-----
		Max	Cent	5860.0	2515.7	9978.3	14305.3	-5929.6
40.24			2208	4477.7	1829.0	10209.1	13447.9	-7141.3
41.30			2206	9958.0	3064.2	9666.4	16773.7	-3751.5
35.19			2713	14678.0	3429.1	8509.5	19253.8	-1146.8
28.27			2715	12737.1	12129.2	9033.0	21471.3	3395.1
44.04		Min	Cent	-17547.6	-8986.0	-1761.6	-8637.7	-17895.9
-78.82			2208	-7275.9	-7801.1	-2057.0	-5464.8	-9612.2
-41.36			2206	-31477.6	-9530.3	-1245.1	-9459.9	-31548.0
-86.76			2713	-43729.5	-17458.7	-1075.9	-17414.7	-43773.5
-87.66			2715	-4899.6	-7828.7	-1908.7	-3958.3	-8770.0
-26.25								

			NODE	Vxx	Vyy
		Max	Cent	42.5	7.3
			2208	31.8	6.5
			2206	31.8	16.3
			2713	53.4	16.3
			2715	53.4	6.5
		Min	Cent	-13.6	-7.5
			2208	-10.3	-19.6
			2206	-10.3	-5.3
			2713	-17.3	-5.3
			2715	-17.3	-19.6

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE			-----	-----	-----	-----	-----	-----	-----
		c mob-b	Max	Cent	270.5	10.4	1413.2	1559.6	-1278.6
42.37				2208	110.5	13.0	1413.2	1475.7	-1352.3
44.01				2206	110.5	11.0	1413.2	1474.8	-1353.3
43.99				2713	443.2	11.0	1413.2	1656.7	-1202.5
40.65				2715	443.2	13.0	1413.2	1657.5	-1201.3
40.67			Min	Cent	-69.5	-454.7	-24.2	-68.0	-456.2
-3.59				2208	-125.6	-385.0	-24.2	-123.3	-387.3
-5.29				2206	-125.6	-542.8	-24.2	-124.2	-544.2
-3.31				2713	-33.6	-542.8	-24.2	-32.5	-543.9
-2.72				2715	-33.6	-385.0	-24.2	-32.0	-386.7
-3.93									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE				-----	-----	-----	-----	-----	-----

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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36.39          Max   Cent   6142.9   1708.6   7153.2   11414.7   -3563.2
39.41          2208   4011.1   1231.5   7034.9   9792.2   -4549.6
32.82          2206   8604.7   1677.1   7652.5   13540.8   -3259.0
29.17          2713   11820.7  3057.4   7105.6   15787.0   -908.9
40.78          2715   7432.5   5532.1   6403.5   12955.9    8.7
-76.17         Min   Cent   -13076.4 -8347.5  -1239.5  -8042.2  -13381.6
-37.07         2208   -6695.0  -7536.9  -1482.4  -5574.9  -8656.9
-86.33         2206   -21960.2 -9279.9  -815.6   -9227.7  -22012.4
-86.57         2713   -26387.7 -14283.1 -729.2   -14239.3 -26431.5
-23.37         2715   -3374.5  -6077.5  -1436.6  -2753.6  -6698.4
    
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                NODE      Vxx      Vyy
Max   Cent      25.1      5.6
      2208      19.5      4.3
      2206      19.5      11.4
      2713      30.8      11.4
      2715      30.8      4.3
Min   Cent     -10.0     -6.3
      2208      -7.8     -11.4
      2206      -7.8     -5.4
      2713     -12.7     -5.4
      2715     -12.7     -11.4
    
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-----
                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
pp          Cent      638.6   -1201.2   3968.3   3792.2   -4354.9
          2208      105.8   -914.2   3968.3   3596.8   -4405.2
          2206      105.8  -1488.2   3968.3   3356.4   -4738.8
          2713     1171.4  -1488.2   3968.3   4026.8   -4343.6
          2715     1171.4   -914.2   3968.3   4231.6   -3974.5
    
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                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
          Cent     -26962.3 -18284.8  18997.9  -3136.5  -42110.6
          2208    -11905.5 -18417.4  17146.5   2291.4  -32614.3
          2206    -49020.4 -18686.2  21268.7  -7730.6  -59976.0
          2713    -49715.6 -32035.6  19761.7  -19226.8 -62524.3
          2715     2792.2  -4000.0  15639.5  15400.1  -16607.9
    
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                NODE      Vxx      Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	46.6	1.4
2208	41.2	-18.3
2206	41.2	21.1
2713	52.1	21.1
2715	52.1	-18.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

36.73	vento -y	Cent	29.7	9.1	34.8	55.7	-16.9
37.34		2208	31.7	12.6	34.8	58.2	-13.9
34.70		2206	31.7	5.5	34.8	55.8	-18.6
36.13		2713	27.8	5.5	34.8	53.2	-19.9
38.85		2715	27.8	12.6	34.8	55.8	-15.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-68.28	Cent	-2093.6	132.0	-1053.5	551.5	-2513.2
-51.97	2208	-721.8	-113.4	-1225.1	844.7	-1679.9
-76.81	2206	-4555.1	-1390.0	-785.0	-1206.0	-4739.0
-78.44	2713	-2405.6	1172.1	-763.8	1328.4	-2561.8
-61.40	2715	-692.1	859.3	-1204.0	1515.8	-1348.6

NODE	Vxx	Vyy

Cent	3.0	-2.5
2208	4.0	-1.5
2206	4.0	-3.4
2713	2.0	-3.4
2715	2.0	-1.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

40.87	cedime~1	Cent	79.1	4.0	258.5	302.8	-219.7
42.65		2208	63.1	20.5	258.5	301.2	-217.6
40.85		2206	63.1	-12.4	258.5	286.6	-236.0
39.12		2713	95.2	-12.4	258.5	305.5	-222.7
40.89		2715	95.2	20.5	258.5	319.1	-203.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-58.83	Cent	-2751.4	320.0	-2929.0	2091.5	-4522.8
-47.94	2208	-2907.5	-2164.0	-3615.8	1099.0	-6170.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-62.92		2206	-6027.8	-2801.1	-2233.7	-1659.0	-7169.9
-68.23		2713	529.1	4551.9	-1911.4	5315.2	-234.2
-61.55		2715	-2599.2	1693.2	-3293.4	3478.0	-4384.0

NODE	Vxx	Vyy
Cent	0.2	-7.8
2208	3.3	-6.1
2206	3.3	-9.6
2713	-2.8	-9.6
2715	-2.8	-6.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.41	perm	Cent	117.7	-293.9	1041.9	974.0	-1150.1
42.34		2208	-27.5	-221.6	1041.9	921.9	-1171.0
40.39		2206	-27.5	-366.1	1041.9	858.8	-1252.4
36.60		2713	263.0	-366.1	1041.9	1036.8	-1139.9
38.45		2715	263.0	-221.6	1041.9	1090.4	-1049.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.79	Cent	-4107.3	-3448.6	5275.3	1507.6	-9063.5
37.08	2208	-1296.0	-4047.1	4847.6	2367.4	-7710.5
56.48	2206	-8811.2	-3845.3	5860.1	36.2	-12692.7
50.68	2713	-8349.9	-6149.1	5480.4	-1659.8	-12839.3
39.36	2715	2027.9	247.1	4467.8	5693.2	-3418.2

NODE	Vxx	Vyy
Cent	9.3	-1.0
2208	8.4	-5.8
2206	8.4	3.8
2713	10.1	3.8
2715	10.1	-5.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
41.23	INV TO~1 Max	Cent	591.1	-270.7	3259.2	3447.7	-1617.0
43.30		2208	208.1	-180.2	3259.2	3278.9	-1559.8
42.51		2206	208.1	-348.1	3259.2	3195.3	-1822.6
39.14		2713	992.4	-348.1	3259.2	3644.5	-1722.7
39.90		2715	992.4	-180.2	3259.2	3717.6	-1432.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

31.51	Min	Cent	23.9	-1000.1	1006.1	640.8	-3127.3
36.44		2208	-197.1	-816.9	1006.1	545.7	-3251.0
31.75		2206	-197.1	-1212.3	1006.1	425.6	-3347.7
27.46		2713	213.5	-1212.3	1006.1	736.3	-3012.7
31.44		2715	213.5	-816.9	1006.1	828.6	-2905.4

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

41.78	Max	Cent	4185.6	267.6	18746.0	20931.9	-14976.9
40.18		2208	4748.8	-1578.0	18629.8	20481.9	-15546.8
41.73		2206	4632.1	291.4	18909.8	21495.7	-16572.2
36.71		2713	11994.4	3032.1	16968.2	23222.7	-8196.3
42.77		2715	19223.0	18314.8	16662.3	34635.3	4073.7
-89.88	Min	Cent	-30547.9	-15579.7	-31.8	-15259.7	-30548.0
-24.34		2208	-14026.0	-16742.7	-1545.2	-13327.0	-17441.7
87.06		2206	-57333.7	-19512.2	1945.6	-19412.4	-57433.5
83.96		2713	-67384.7	-29718.4	2116.5	-29292.5	-67810.6
-31.39		2715	-7185.8	-10321.7	-1402.4	-6330.1	-10889.1

		NODE	Vxx	Vyy
Max	Cent	66.9	8.8	
	2208	54.7	3.0	
	2206	54.7	25.8	
	2713	82.2	25.8	
	2715	82.2	3.0	
Min	Cent	-9.2	-19.0	
	2208	-5.5	-38.3	
	2206	-5.5	-13.1	
	2713	-16.1	-13.1	
	2715	-16.1	-38.3	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
38.47	INV TO~2	Max	Cent	862.1	-270.7	5357.2	5119.5	-1617.0
41.34			2208	208.1	-180.2	5357.2	4855.6	-1559.8
39.32			2206	208.1	-348.1	5357.2	4531.1	-1822.6
35.74			2713	1581.4	-348.1	5357.2	5436.2	-1722.7
37.64			2715	1581.4	-180.2	5357.2	5712.7	-1432.1
31.51		Min	Cent	23.9	-1621.6	1006.1	640.8	-5879.1
36.44			2208	-197.1	-1234.2	1006.1	545.7	-5947.0
			2206	-197.1	-2009.1	1006.1	425.6	-6397.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

31.75								
		2713	213.5	-2009.1	1006.1	736.3	-5863.9	
27.46								
		2715	213.5	-1234.2	1006.1	828.6	-5365.5	
31.44								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								
		-----	-----	-----	-----	-----	-----	
		Max	Cent	4185.6	267.6	25647.2	20931.9	-14976.9
41.78								
			2208	4748.8	-1578.0	23147.8	20481.9	-15546.8
40.18								
			2206	4632.1	291.4	28712.7	21495.7	-16572.2
41.73								
			2713	11994.4	3032.1	26678.2	23222.7	-8196.3
36.71								
			2715	19223.0	18314.8	21113.3	34635.3	4073.7
42.77								
		Min	Cent	-36399.1	-24684.5	-31.8	-15259.7	-56849.3
-89.88								
			2208	-16072.5	-24863.4	-1545.2	-13327.0	-44029.3
-24.34								
			2206	-66177.5	-25226.4	1945.6	-19412.4	-80967.6
87.06								
			2713	-67384.7	-43248.0	2116.5	-29292.5	-84407.9
83.96								
			2715	-7185.8	-10321.7	-1402.4	-6330.1	-22420.6
-31.39								

		NODE	Vxx	Vyy
		-----	-----	-----
	Max	Cent	66.9	8.8
		2208	55.6	3.0
		2206	55.6	28.4
		2713	82.2	28.4
		2715	82.2	3.0
	Min	Cent	-9.2	-19.0
		2208	-5.5	-38.3
		2206	-5.5	-13.1
		2713	-16.1	-13.1
		2715	-16.1	-38.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
2572	1	2	c mob-a	Max	Cent	209.0	15.5	1710.3	1825.3	-1600.8
43.38										
					2210	69.2	29.4	1710.3	1759.8	-1661.1
44.67										
					2208	69.2	15.3	1710.3	1752.8	-1668.3
44.55										
					2715	360.6	15.3	1710.3	1907.0	-1531.1
42.12										
					2717	360.6	29.4	1710.3	1913.4	-1523.3
42.23										
				Min	Cent	-57.7	-330.9	-32.1	-54.0	-334.6
-6.62										
					2210	-89.0	-230.3	-32.1	-82.0	-237.3
-12.22										
					2208	-89.0	-453.5	-32.1	-86.2	-456.3
-5.00										
					2715	-39.6	-453.5	-32.1	-37.1	-456.0
-4.41										
					2717	-39.6	-230.3	-32.1	-34.3	-235.6
-9.31										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.83	Max	Cent	9570.3	7976.3	5440.9	14272.3	3274.3
27.67		2210	10740.3	3513.5	5226.2	13480.6	773.2
39.57		2208	4581.4	1746.1	7388.4	10686.9	-4359.5
49.05		2715	10002.7	11645.8	5774.9	16657.3	4991.2
47.52		2717	17468.1	18153.1	3885.6	21711.3	13909.9
-42.78	Min	Cent	-5358.5	-5578.2	-1413.3	-4050.8	-6886.0
-64.06		2210	-4359.6	-2282.9	-1323.1	-1639.4	-5003.1
-52.32		2208	-8937.9	-8140.2	-1526.7	-6961.2	-10116.9
-26.13		2715	-5745.9	-8026.6	-1472.9	-5023.4	-8749.0
-40.25		2717	-6970.1	-7583.0	-1830.8	-5420.3	-9132.9

		NODE	Vxx	Vyy
Max	Cent		13.3	7.9
	2210		14.2	9.6
	2208		14.2	6.5
	2715		12.5	6.5
	2717		12.5	9.6
Min	Cent		-5.0	-20.7
	2210		-4.8	-22.8
	2208		-4.8	-19.6
	2715		-5.2	-19.6
	2717		-5.2	-22.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
43.44	c mob-b	Max	Cent	194.8	13.9	1662.0	1768.8	-1560.1
44.71			2210	60.2	26.0	1662.0	1705.2	-1619.0
44.58			2208	60.2	11.0	1662.0	1697.8	-1626.6
42.17			2715	340.0	11.0	1662.0	1845.6	-1494.6
42.30			2717	340.0	26.0	1662.0	1852.4	-1486.4
-6.53		Min	Cent	-66.3	-277.6	-24.5	-63.4	-280.4
-16.16			2210	-107.3	-184.9	-24.5	-100.2	-192.0
-4.83			2208	-107.3	-395.6	-24.5	-105.3	-397.7
-3.86			2715	-34.2	-395.6	-24.5	-32.5	-397.3
-9.02			2717	-34.2	-184.9	-24.5	-30.3	-188.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		Max	Cent	4398.9	3229.2	4692.5	8542.9	-914.8
41.45			2210	4393.8	1615.8	4735.3	7939.6	-1930.0
36.83			2208	3866.1	1204.2	5504.5	8198.2	-3127.9
38.20			2715	5850.4	5270.4	4612.4	10181.9	938.9
43.20			2717	7323.3	7470.2	4246.5	11643.9	3149.5
45.50		Min	Cent	-3944.2	-4557.7	-1183.9	-3028.0	-5474.0
-37.74			2210	-2942.0	-2049.6	-1133.7	-1277.5	-3714.1
-55.74			2208	-8311.9	-7869.6	-1133.9	-6935.5	-9246.0
-50.52			2715	-4318.4	-6285.3	-1260.0	-3703.5	-6900.2
-26.01			2717	-4763.3	-5473.7	-1672.0	-3409.2	-6827.9
-39.00								

		NODE	Vxx	Vyy
Max	Cent		8.3	5.4
	2210		9.3	6.7
	2208		9.3	4.3
	2715		7.4	4.3
	2717		7.4	6.7
Min	Cent		-4.1	-10.1
	2210		-4.1	-9.6
	2208		-4.1	-11.4
	2715		-4.2	-11.4
	2717		-4.2	-9.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.04	pp	Cent	439.3	-541.4	4733.0	4707.3	-4809.4
44.61		2210	-1.1	-128.7	4733.0	4668.5	-4798.3
42.13		2208	-1.1	-954.1	4733.0	4279.3	-5234.5
39.52		2715	879.7	-954.1	4733.0	4783.8	-4858.2
41.96		2717	879.7	-128.7	4733.0	5135.3	-4384.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
39.32		Cent	-890.1	-4114.8	8030.1	5688.0	-10692.8
36.91		2210	5520.9	1094.3	7625.7	11248.0	-4632.8
41.91		2208	-16692.4	-19374.7	12392.0	-5569.3	-30497.9
41.38		2715	-2847.1	-5127.9	8971.7	5056.4	-13031.4
33.68		2717	10458.4	6949.3	4205.5	13260.6	4147.0

		NODE	Vxx	Vyy
		Cent	14.9	-13.0
		2210	18.6	-7.8

PROJECT TITLE :

	Company		Client	
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2208 18.6 -18.3
 2715 11.2 -18.3
 2717 11.2 -7.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

35.47	vento -y	Cent	24.8	8.6	23.4	41.4	-8.1
31.53		2210	29.4	5.6	23.4	43.7	-8.8
34.61		2208	29.4	11.6	23.4	45.5	-4.5
39.82		2715	20.2	11.6	23.4	39.7	-7.9
36.35		2717	20.2	5.6	23.4	37.4	-11.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-51.77	Cent	59.1	671.1	-1270.7	1672.2	-942.0
-44.31	2210	963.8	906.0	-1197.6	2132.9	-263.1
-53.75	2208	-924.8	-154.0	-1222.7	742.6	-1821.5
-59.24	2715	-516.8	894.3	-1300.7	1668.5	-1291.0
-48.62	2717	714.2	1038.2	-1275.6	2162.1	-409.7

NODE Vxx Vyy

 Cent 1.5 -0.9
 2210 1.7 -0.3
 2208 1.7 -1.5
 2715 1.2 -1.5
 2717 1.2 -0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

42.29	cedime~1	Cent	64.8	19.3	239.4	282.5	-198.4
42.51		2210	62.7	21.0	239.4	282.1	-198.4
42.31		2208	62.7	17.6	239.4	280.6	-200.3
42.06		2715	66.9	17.6	239.4	282.9	-198.4
42.26		2717	66.9	21.0	239.4	284.4	-196.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-50.52	Cent	-1398.2	30.7	-3664.8	3050.0	-4417.6
-44.82	2210	-266.7	-313.5	-3623.2	3333.3	-3913.4
-48.59	2208	-3106.1	-2203.7	-3584.1	957.5	-6267.3

PROJECT TITLE :

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-58.05		2715	-1620.3	1889.0	-3581.4	4122.5	-3853.8
-50.28		2717	-599.8	750.8	-3620.6	3758.5	-3607.5

NODE	Vxx	Vyy
Cent	1.9	-3.9
2210	2.5	-1.8
2208	2.5	-6.1
2715	1.3	-6.1
2717	1.3	-1.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.63	perm	Cent	78.5	-125.0	1226.2	1207.2	-1253.6
45.20		2210	-37.4	-20.6	1226.2	1197.2	-1255.2
42.76		2208	-37.4	-229.5	1226.2	1096.5	-1363.4
40.10		2715	194.4	-229.5	1226.2	1226.8	-1261.9
42.49		2717	194.4	-20.6	1226.2	1317.8	-1143.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.26	Cent	596.3	-389.1	2950.1	3094.6	-2887.3
38.98	2210	1469.6	230.3	2907.3	3822.5	-2122.6
38.43	2208	-2462.3	-4280.4	3895.8	629.1	-7371.8
41.85	2715	659.1	-26.7	3108.1	3443.2	-2810.8
43.66	2717	2718.8	2520.5	2119.5	4741.5	497.8

NODE	Vxx	Vyy
Cent	2.4	-4.5
2210	3.1	-3.3
2208	3.1	-5.8
2715	1.6	-5.8
2717	1.6	-3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.07	INV TO~1 Max	Cent	425.4	-84.8	3774.5	3953.4	-1506.9
44.70		2210	118.8	40.2	3774.5	3854.2	-1442.0
43.82		2208	118.8	-191.3	3774.5	3741.4	-1739.9
41.45		2715	748.2	-191.3	3774.5	4082.1	-1631.2
42.32		2717	748.2	40.2	3774.5	4185.2	-1301.4
38.33	Min	Cent	-10.9	-571.7	1182.8	924.3	-3612.8

PROJECT TITLE :

	Company		Client	
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43.20		2210	-182.3	-331.5	1182.8	928.2	-3695.2
37.21		2208	-182.3	-841.7	1182.8	715.9	-3813.9
33.72		2715	141.0	-841.7	1182.8	930.4	-3525.2
39.35		2717	141.0	-331.5	1182.8	1110.9	-3396.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.67	Max	Cent	13516.2	10409.5	10295.3	22361.7	4578.5
30.55		2210	15969.0	4973.6	9962.6	21850.1	1774.7
39.25		2208	3722.5	-1923.1	13870.2	15054.2	-12311.2
47.01		2715	14162.8	17584.2	10904.2	25860.1	7318.8
46.32		2717	26300.7	27778.0	7852.4	34524.7	22382.1
29.20	Min	Cent	-8035.9	-7919.7	-2622.7	-6055.3	-10586.2
62.45		2210	-4682.5	-3165.1	-2502.2	-2266.8	-6538.5
-46.32		2208	-17634.5	-17473.4	-1749.2	-15802.9	-19305.1
15.37		2715	-8718.1	-10862.5	-2461.7	-6790.0	-11310.8
-17.23		2717	-7290.6	-7716.6	-3972.7	-6581.6	-11104.2

		NODE	Vxx	Vyy
Max	Cent	22.2	6.2	
	2210	24.9	9.8	
	2208	24.9	3.0	
	2715	19.8	3.0	
	2717	19.8	9.8	
Min	Cent	-4.4	-36.5	
	2210	-3.4	-35.8	
	2208	-3.4	-38.3	
	2715	-5.4	-38.3	
	2717	-5.4	-35.8	

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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42.04	INV TO~2	Max	Cent	593.0	-84.8	6389.5	6354.8	-1506.9
44.61			2210	118.8	40.2	6389.5	6302.5	-1442.0
42.13			2208	118.8	-191.3	6389.5	5777.1	-1739.9
39.52			2715	1187.6	-191.3	6389.5	6458.1	-1631.2
41.96			2717	1187.6	40.2	6389.5	6932.6	-1301.4
38.33		Min	Cent	-10.9	-730.9	1182.8	924.3	-6492.7
43.20			2210	-182.3	-331.5	1182.8	928.2	-6477.7
37.21			2208	-182.3	-1288.0	1182.8	715.9	-7066.6
			2715	141.0	-1288.0	1182.8	930.4	-6558.5

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33.72							
39.35		2717	141.0	-331.5	1182.8	1110.9	-5918.8
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	13516.2	10409.5	10840.7	22361.7	4578.5
40.67		2210	15969.0	4973.6	10294.7	21850.1	1774.7
30.55		2208	3722.5	-1923.1	16729.1	15054.2	-12311.2
39.25		2715	14162.8	17584.2	12111.8	25860.1	7318.8
47.01		2717	26300.7	27778.0	7852.4	34524.7	22382.1
46.32	Min	Cent	-8035.9	-7919.7	-2622.7	-6055.3	-14435.3
29.20		2210	-4682.5	-3165.1	-2502.2	-2266.8	-6538.5
62.45		2208	-22534.8	-26155.9	-1749.2	-15802.9	-41172.2
-46.32		2715	-8718.1	-10862.5	-2461.7	-6790.0	-17592.4
15.37		2717	-7290.6	-7716.6	-3972.7	-6581.6	-11104.2
-17.23							

		NODE	Vxx	Vyy
	Max	Cent	22.2	6.2
		2210	25.2	9.8
		2208	25.2	3.0
		2715	19.8	3.0
		2717	19.8	9.8
	Min	Cent	-4.4	-36.5
		2210	-3.4	-35.8
		2208	-3.4	-38.3
		2715	-5.4	-38.3
		2717	-5.4	-35.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
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2672	2	12	c mob-a	Max	Cent	0.8	7.0	32.1	36.1	-28.3
47.79					3145	3.0	61.6	32.1	75.7	-11.1
66.20					2864	3.0	63.4	32.1	77.3	-10.8
66.65					2309	0.7	63.4	32.1	76.9	-12.8
67.19					2566	0.7	61.6	32.1	75.4	-13.1
66.76				Min	Cent	-12.4	-143.9	-4.0	-12.2	-144.0
-1.74					3145	-6.5	-71.3	-4.0	-6.3	-71.5
-3.52					2864	-6.5	-336.8	-4.0	-6.5	-336.8
-0.69					2309	-21.9	-336.8	-4.0	-21.8	-336.8
-0.73					2566	-21.9	-71.3	-4.0	-21.5	-71.6
-4.60										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

52.48	Max	Cent	1.4	5.2	7.2	10.8	-4.2	
62.40		3145	6.3	16.3	7.2	20.1	2.5	
67.85		2864	6.7	21.2	7.1	24.0	3.8	
63.44		2309	4.2	12.6	5.6	15.4	1.4	
54.43		2566	4.2	8.1	5.7	12.2	0.1	
-18.53	Min	Cent	-1.0	-8.7	-2.9	-0.1	-9.7	
-6.29		3145	-3.1	-21.3	-2.0	-2.9	-21.5	
-6.92		2864	-12.1	-29.3	-2.1	-11.8	-29.6	
-10.81		2309	-5.0	-19.7	-2.9	-4.4	-20.3	
-28.39		2566	-2.7	-6.4	-2.8	-1.2	-7.9	

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	3145		0.0	0.0
	2864		0.0	0.0
	2309		0.0	0.0
	2566		0.0	0.0
Min	Cent		-0.0	-0.0
	3145		-0.0	-0.0
	2864		-0.0	-0.0
	2309		-0.0	-0.0
	2566		-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.55	c mob-b	Max	Cent	1.7	21.9	51.4	64.2	-40.6
56.98			3145	5.8	51.4	51.4	84.9	-27.7
71.56			2864	5.8	142.8	51.4	159.9	-11.4
71.88			2309	2.5	142.8	51.4	159.6	-14.3
57.73			2566	2.5	51.4	51.4	83.9	-30.0
-0.87		Min	Cent	-22.7	-260.3	-3.6	-22.7	-260.4
-1.54			3145	-7.8	-143.0	-3.6	-7.7	-143.1
-0.42			2864	-7.8	-498.2	-3.6	-7.8	-498.3
-0.45			2309	-40.1	-498.2	-3.6	-40.1	-498.3
-2.02			2566	-40.1	-143.0	-3.6	-40.0	-143.1

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
55.75	Max	Cent		4.1	12.4	10.6	19.6	-3.2

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68.47		3145	15.2	39.2	11.2	43.7	10.7
72.99		2864	15.6	47.8	10.9	51.1	12.2
49.36		2309	1.1	3.8	8.8	11.4	-6.5
53.26		2566	6.3	11.6	9.0	18.3	-0.4
-11.46	Min	Cent	-2.2	-8.1	-1.3	-1.9	-8.4
-10.47		3145	-6.2	-20.5	-2.7	-5.7	-21.0
-13.87		2864	-5.2	-15.8	-2.8	-4.5	-16.5
-3.47		2309	-9.9	-34.9	-1.5	-9.8	-35.0
-10.92		2566	-6.2	-12.8	-1.3	-6.0	-13.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	3145	0.0	0.1
	2864	0.0	0.1
	2309	0.0	0.1
	2566	0.0	0.1
Min	Cent	-0.0	-0.0
	3145	-0.0	-0.0
	2864	-0.0	-0.0
	2309	-0.0	-0.0
	2566	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
11.01	pp	Cent	-2.1	-31.4	5.9	-1.0	-32.6
3.19		3145	1.2	-104.7	5.9	1.6	-105.0
81.86		2864	1.2	41.8	5.9	42.7	0.4
82.96		2309	-5.5	41.8	5.9	42.6	-6.2
3.41		2566	-5.5	-104.7	5.9	-5.1	-105.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
39.27	Cent	-1.4	-5.5	10.2	7.0	-13.8
33.20	3145	-1.2	-10.0	10.0	5.3	-16.5
56.23	2864	3.5	11.5	9.8	18.0	-3.1
20.08	2309	-6.3	-25.3	8.0	-3.4	-28.2
50.28	2566	-1.3	1.7	8.3	8.6	-8.2

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	3145	0.0	-0.0
	2864	0.0	0.0
	2309	-0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2566			-0.0	-0.0			
ANGLE							

71.34	vento -y	Cent	0.1	0.6	0.2	0.7	0.1
4.50		3145	0.3	-2.0	0.2	0.3	-2.0
86.43		2864	0.3	3.2	0.2	3.2	0.3
86.81		2309	-0.0	3.2	0.2	3.2	-0.0
5.29		2566	-0.0	-2.0	0.2	-0.0	-2.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

49.19		Cent	0.0	0.1	0.3	0.3	-0.2
41.28		3145	0.1	0.1	0.2	0.3	-0.1
75.63		2864	0.1	0.9	0.2	0.9	0.0
22.14		2309	-0.2	-0.7	0.2	-0.1	-0.8
49.57		2566	0.0	0.1	0.2	0.3	-0.2
		NODE	Vxx	Vyy			
		Cent	0.0	0.0			
		3145	0.0	-0.0			
		2864	0.0	0.0			
		2309	-0.0	0.0			
		2566	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

75.20	cedime~1	Cent	3.5	14.2	3.0	15.0	2.7
3.23		3145	7.2	-46.3	3.0	7.4	-46.5
87.43		2864	7.2	74.7	3.0	74.9	7.1
87.69		2309	-0.2	74.7	3.0	74.8	-0.3
3.75		2566	-0.2	-46.3	3.0	0.0	-46.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

80.11		Cent	0.5	2.5	0.4	2.5	0.5
-30.66		3145	3.2	2.7	-0.5	3.5	2.4
-87.50		2864	-0.5	9.1	-0.4	9.1	-0.5
14.08		2309	-0.3	-2.9	0.7	-0.1	-3.1

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-0.24		2864	-9.9	-621.0	-2.6	-9.9	-621.0
0.06		2309	-56.4	-621.0	-2.6	-56.4	-621.0
0.11		2566	-56.4	-309.0	-2.6	-56.4	-309.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		-----	-----	-----	-----	-----	-----
	Max	Cent	5.0	15.4	19.8	30.7	-10.3
52.40		3145	21.6	47.3	19.9	57.7	11.2
61.70		2864	22.9	78.9	19.3	84.7	16.7
73.11		2309	2.3	3.3	16.7	18.8	-13.2
45.92		2566	7.9	18.3	16.9	30.7	-4.4
53.76	Min	Cent	-4.0	-15.6	1.2	-3.8	-15.7
5.86		3145	-10.5	-37.1	0.6	-10.4	-37.1
2.36		2864	-14.9	-34.3	0.5	-14.9	-34.3
2.65		2309	-17.0	-63.8	0.1	-17.0	-63.8
0.99		2566	-9.3	-15.8	0.4	-9.1	-15.8
10.73							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.1
		3145	0.1	0.1
		2864	0.1	0.2
		2309	0.0	0.2
		2566	0.0	0.1
	Min	Cent	-0.0	-0.0
		3145	-0.0	-0.1
		2864	-0.0	-0.0
		2309	-0.0	-0.0
		2566	-0.0	-0.1

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----			-----	-----	-----	-----	-----	-----
	INV TO~2	Max	Cent	5.2	34.7	75.3	96.6	-44.0
50.55			3145	15.7	13.4	75.3	83.2	-61.3
45.98			2864	15.7	319.1	75.3	336.7	0.5
76.80			2309	1.2	319.1	75.3	336.0	-8.4
77.33			2566	1.2	13.4	75.3	79.8	-65.2
47.41		Min	Cent	-31.4	-360.5	-2.6	-31.4	-360.5
-0.44			3145	-9.9	-309.0	-2.6	-9.8	-309.0
-0.58			2864	-9.9	-621.0	-2.6	-9.9	-621.0
-0.24			2309	-56.4	-621.0	-2.6	-56.4	-621.0
0.06			2566	-56.4	-309.0	-2.6	-56.4	-309.0

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0.11

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
52.40	Max	Cent	5.0	15.4	19.8	30.7	-10.3
61.70		3145	21.6	47.3	19.9	57.7	11.2
73.11		2864	22.9	78.9	19.3	84.7	16.7
45.92		2309	2.3	3.3	16.7	18.8	-13.2
53.76		2566	7.9	18.3	16.9	30.7	-4.4
5.86	Min	Cent	-4.0	-15.6	1.2	-3.8	-18.7
2.36		3145	-10.5	-37.1	0.6	-10.4	-37.1
2.65		2864	-14.9	-34.3	0.5	-14.9	-34.3
0.99		2309	-17.0	-63.8	0.1	-17.0	-63.8
10.73		2566	-9.3	-15.8	0.4	-9.1	-15.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	3145	0.1	0.1
	2864	0.1	0.2
	2309	0.0	0.2
	2566	0.0	0.1
Min	Cent	-0.0	-0.0
	3145	-0.0	-0.1
	2864	-0.0	-0.0
	2309	-0.0	-0.0
	2566	-0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2692	2	12	c mob-a	Max	Cent	26.2	171.6	140.1	256.7	-58.9
58.72					2989	27.5	243.7	140.1	312.5	-41.3
63.83					2842	27.5	385.4	140.1	433.7	-20.8
70.97					2289	27.8	385.4	140.1	433.7	-20.5
70.96					2410	27.8	243.7	140.1	312.6	-41.1
63.81				Min	Cent	-71.2	-828.4	-32.3	-69.8	-829.8
-2.44					2989	-36.0	-43.2	-32.3	-7.0	-72.1
-41.82					2842	-36.0	-1899.3	-32.3	-35.4	-1899.9
-0.99					2289	-107.4	-1899.3	-32.3	-106.8	-1899.9
-1.03					2410	-107.4	-43.2	-32.3	-29.7	-120.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	2.0	27.1	15.2	34.2	-5.1
64.77								
			2989	20.9	31.9	18.8	46.0	6.9
53.15								
			2842	30.8	143.9	13.7	145.5	29.2
83.20								
			2289	10.5	51.6	21.4	60.7	1.4
66.95								
			2410	8.0	14.4	16.7	28.2	-5.8
50.45								
		Min	Cent	-0.9	-24.4	-7.5	1.3	-26.6
-16.27								
			2989	-26.3	-32.4	-12.0	-17.0	-41.7
-37.86								
			2842	-19.0	-118.3	-6.7	-18.5	-118.8
-3.81								
			2289	-14.8	-69.7	-15.1	-10.9	-73.6
-14.43								
			2410	-5.7	-8.3	-10.8	3.9	-17.9
-41.53								

			NODE	Vxx	Vyy

	Max	Cent		0.0	0.1
		2989		0.1	0.0
		2842		0.1	0.3
		2289		0.0	0.3
		2410		0.0	0.0
	Min	Cent		-0.1	-0.1
		2989		-0.2	-0.0
		2842		-0.2	-0.2
		2289		-0.0	-0.2
		2410		-0.0	-0.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

		c mob-b	Max	Cent	40.0	259.0	155.2	339.4	-40.4
62.61									
				2989	38.8	230.2	155.2	316.8	-47.8
60.84									
				2842	38.8	578.4	155.2	619.8	-2.7
75.05									
				2289	42.0	578.4	155.2	620.0	0.4
74.97									
				2410	42.0	230.2	155.2	317.6	-45.3
60.62									
			Min	Cent	-79.7	-908.7	-50.5	-76.7	-911.8
-3.47									
				2989	-40.4	-61.8	-50.5	0.5	-102.8
-39.01									
				2842	-40.4	-2046.0	-50.5	-39.1	-2047.3
-1.44									
				2289	-119.8	-2046.0	-50.5	-118.5	-2047.3
-1.50									
				2410	-119.8	-61.8	-50.5	-32.6	-149.0
-59.92									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	2.2	34.5	15.3	40.7	-3.9
68.27									
				2989	26.9	40.1	20.2	54.7	12.2
54.07									

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84.41		2842	33.4	172.8	13.8	174.1	32.0
68.95		2289	13.6	67.9	24.5	77.3	4.1
52.61		2410	9.5	19.4	18.2	33.2	-4.4
-17.99	Min	Cent	-1.3	-31.1	-10.8	2.2	-34.7
-36.95		2989	-31.3	-40.5	-15.9	-19.3	-52.5
-4.14		2842	-26.1	-153.2	-9.3	-25.4	-153.9
-16.91		2289	-15.1	-75.7	-20.3	-8.9	-81.9
-39.56		2410	-7.0	-12.7	-14.8	5.3	-24.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.2
	2989	0.2	0.1
	2842	0.2	0.3
	2289	0.0	0.3
	2410	0.0	0.1
Min	Cent	-0.1	-0.2
	2989	-0.2	-0.1
	2842	-0.2	-0.3
	2289	-0.1	-0.3
	2410	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.34	pp	Cent	23.4	-346.8	55.4	31.5	-354.9
75.29		2989	55.9	252.5	55.4	267.0	41.3
3.16		2842	55.9	-946.0	55.4	58.9	-949.1
3.37		2289	-9.1	-946.0	55.4	-5.8	-949.3
78.51		2410	-9.1	252.5	55.4	263.7	-20.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.60	Cent	1.2	1.7	11.5	13.0	-10.1
41.09	2989	-8.1	-10.8	9.9	0.5	-19.5
62.05	2842	14.6	28.1	9.9	33.3	9.3
23.60	2289	-6.7	-24.0	9.3	-2.6	-28.0
57.26	2410	4.9	13.4	9.3	19.4	-1.1

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	2989	-0.0	-0.0
	2842	-0.0	0.1
	2289	0.0	0.1
	2410	0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5.27	vento -y	Cent	-5.5	-16.8	1.1	-5.4	-16.9
58.50		2989	-5.4	-4.4	1.1	-3.7	-6.1
2.52		2842	-5.4	-29.3	1.1	-5.4	-29.4
2.54		2289	-5.6	-29.3	1.1	-5.5	-29.4
59.95		2410	-5.6	-4.4	1.1	-3.8	-6.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.20		Cent	-0.0	-0.1	0.1	0.1	-0.1
35.34		2989	0.0	-0.0	0.1	0.1	-0.1
71.04		2842	0.1	0.3	0.1	0.4	0.1
13.44		2289	-0.1	-0.5	0.1	-0.1	-0.5
37.33		2410	-0.0	-0.0	0.1	0.1	-0.1
		NODE	Vxx	Vyy			
		Cent	0.0	0.0			
		2989	0.0	-0.0			
		2842	0.0	0.0			
		2289	-0.0	0.0			
		2410	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-84.57	cedime~1	Cent	2.0	37.6	-3.4	38.0	1.7
-10.90		2989	-1.2	-18.3	-3.4	-0.5	-18.9
-87.94		2842	-1.2	93.6	-3.4	93.7	-1.3
-87.79		2289	5.2	93.6	-3.4	93.7	5.1
-8.12		2410	5.2	-18.3	-3.4	5.7	-18.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.25		Cent	-0.1	-0.1	1.3	1.2	-1.3
34.08		2989	0.1	-0.6	1.0	0.8	-1.3
74.68		2842	0.9	4.1	0.9	4.4	0.6
19.39		2289	-1.4	-4.1	1.1	-1.0	-4.5
49.71		2410	0.1	0.4	1.1	1.4	-0.9

PROJECT TITLE :

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NODE	Vxx	Vyy
Cent	0.0	0.0
2989	0.0	-0.0
2842	0.0	0.0
2289	0.0	0.0
2410	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.18	perm	Cent	17.1	-12.8	1.1	17.1	-12.8
84.92		2989	24.5	37.2	1.1	37.3	24.4
0.75		2842	24.5	-62.8	1.1	24.5	-62.9
0.90		2289	9.6	-62.8	1.1	9.7	-62.9
87.64		2410	9.6	37.2	1.1	37.3	9.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
41.73	Cent	0.1	-0.0	0.6	0.7	-0.6
20.54	2989	-1.8	-3.5	0.7	-1.6	-3.7
13.33	2842	0.5	-2.3	0.7	0.6	-2.5
76.08	2289	0.6	2.0	0.4	2.1	0.5
80.59	2410	1.3	3.7	0.4	3.7	1.2

NODE	Vxx	Vyy
Cent	-0.0	-0.0
2989	-0.0	-0.0
2842	-0.0	-0.0
2289	0.0	-0.0
2410	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.02	INV TO~1 Max	Cent	73.1	374.6	210.6	480.0	-32.3
62.25		2989	76.9	366.3	210.6	477.1	-34.0
75.31		2842	76.9	811.5	210.6	865.8	21.4
75.38		2289	71.6	811.5	210.6	865.6	17.5
62.72		2410	71.6	366.3	210.6	474.8	-39.2
-3.33	Min	Cent	-90.5	-1239.6	-70.5	-86.6	-1243.5
-38.35		2989	-31.2	-64.5	-70.5	24.6	-120.3
-1.49		2842	-31.2	-2824.9	-70.5	-29.4	-2826.5

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-1.44	2289	-152.1	-2824.9	-70.5	-150.4	-2826.6
-60.15	2410	-152.1	-64.5	-70.5	-24.0	-187.3

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	3.1	46.6	22.6	56.2	-5.6
66.99		2989	34.6	50.6	29.0	72.3	13.4
52.46		2842	46.4	235.0	20.2	237.2	44.3
83.94		2289	18.9	93.7	34.6	106.5	6.1
69.06		2410	14.1	30.2	26.0	49.4	-4.2
53.59	Min	Cent	-1.7	-42.1	-14.0	2.0	-46.4
-16.12		2989	-44.0	-58.7	-20.8	-30.2	-73.0
-34.72		2842	-34.7	-209.1	-11.8	-33.9	-209.9
-3.85		2289	-21.2	-104.3	-27.0	-13.8	-111.7
-16.00		2410	-8.1	-13.4	-19.6	8.1	-30.6
-41.21							

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.2
		2989	0.2	0.1
		2842	0.2	0.4
		2289	0.1	0.4
		2410	0.1	0.1
	Min	Cent	-0.1	-0.2
		2989	-0.3	-0.1
		2842	-0.3	-0.4
		2289	-0.1	-0.4
		2410	-0.1	-0.1

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	INV TO~2	Max	Cent	73.1	374.6	210.6	480.0	-32.3
63.02			2989	76.9	366.3	210.6	477.1	55.8
62.25			2842	76.9	811.5	210.6	865.8	21.4
75.31			2289	71.6	811.5	210.6	865.6	17.5
75.38			2410	71.6	366.3	210.6	474.8	-27.5
62.72		Min	Cent	-90.5	-1239.6	-70.5	-86.6	-1243.5
-3.33			2989	-31.2	-64.5	-70.5	24.6	-120.3
-38.35			2842	-31.2	-2824.9	-70.5	-29.4	-2826.5
-1.49			2289	-152.1	-2824.9	-70.5	-150.4	-2826.6
-1.44			2410	-152.1	-64.5	-70.5	-24.0	-187.3
-60.15								

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					NODE	Mxx	Myy	Mxy	Mmax	Mmin		

					Max	Cent	3.1	46.6	22.6	56.2	-5.6	
66.99						2989	34.6	50.6	29.0	72.3	13.4	
52.46						2842	46.4	235.0	20.2	237.2	44.3	
83.94						2289	18.9	93.7	34.6	106.5	6.1	
69.06						2410	14.1	30.2	26.0	49.4	-1.5	
53.59						Min	Cent	-1.7	-42.1	-14.0	2.0	-46.4
-16.12						2989	-44.0	-58.7	-20.8	-30.2	-73.0	
-34.72						2842	-34.7	-209.1	-11.8	-33.9	-209.9	
-3.85						2289	-21.2	-104.3	-27.0	-13.8	-111.7	
-16.00						2410	-8.1	-13.4	-19.6	8.1	-30.6	
-41.21												
					NODE	Vxx	Vyy					

					Max	Cent	0.1	0.2				
						2989	0.2	0.1				
						2842	0.2	0.4				
						2289	0.1	0.4				
						2410	0.1	0.1				
					Min	Cent	-0.1	-0.2				
						2989	-0.3	-0.1				
						2842	-0.3	-0.4				
						2289	-0.1	-0.4				
						2410	-0.1	-0.1				
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin			

2702	2	12	c mob-a	Max	Cent	1.9	15.4	25.6	35.2	-17.9		
52.40						3146	5.6	2.5	25.6	29.8	-21.6	
43.28						2863	5.6	46.7	25.6	59.0	-6.7	
64.36						2308	1.4	46.7	25.6	58.3	-10.2	
65.74						2567	1.4	2.5	25.6	27.6	-23.7	
45.65						Min	Cent	-51.2	-369.1	-15.9	-50.4	-369.9
-2.85						3146	-66.5	-248.2	-15.9	-65.1	-249.6	
-4.96						2863	-66.5	-528.0	-15.9	-65.9	-528.5	
-1.97						2308	-39.5	-528.0	-15.9	-39.0	-528.5	
-1.86						2567	-39.5	-248.2	-15.9	-38.3	-249.4	
-4.33												
					NODE	Mxx	Myy	Mxy	Mmax	Mmin		

					Max	Cent	5.8	2.0	13.7	17.7	-10.0	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

41.04							
		3146	5.5	5.3	18.2	23.6	-12.8
44.88							
		2863	32.2	23.1	16.7	45.0	10.3
37.35							
		2308	5.7	44.1	8.8	46.0	3.8
77.65							
		2567	16.7	11.0	10.2	24.5	3.3
37.26							
	Min	Cent	-6.0	-23.9	-3.0	-5.5	-24.4
-9.30							
		3146	-48.4	-40.2	-1.6	-39.9	-48.6
-79.60							
		2863	-5.3	-99.4	-1.4	-5.3	-99.4
-0.83							
		2308	-13.7	-31.5	-7.1	-11.2	-34.0
-19.23							
		2567	-1.9	-4.0	-5.4	2.6	-8.5
-39.55							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		3146	0.0	0.0
		2863	0.0	0.1
		2308	0.1	0.1
		2567	0.1	0.0
	Min	Cent	-0.1	-0.1
		3146	-0.2	-0.0
		2863	-0.2	-0.2
		2308	-0.0	-0.2
		2567	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
79.00	c mob-b	Max	Cent	3.9	79.1	15.2	82.1	0.9
			3146	7.2	1.3	15.2	19.7	-11.2
39.52			2863	7.2	234.7	15.2	235.7	6.2
86.19			2308	12.2	234.7	15.2	235.8	11.1
86.11			2567	12.2	1.3	15.2	22.9	-9.4
35.18		Min	Cent	-18.6	-145.1	-26.6	-13.2	-150.5
-11.42			3146	-33.4	-167.8	-26.6	-28.3	-172.8
-10.82			2863	-33.4	-211.6	-26.6	-29.5	-215.5
-8.32			2308	-19.1	-211.6	-26.6	-15.5	-215.2
-7.74			2567	-19.1	-167.8	-26.6	-14.5	-172.4
-9.86								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
37.96		Max	Cent	8.1	1.6	12.9	18.2	-8.4
			3146	18.0	7.3	17.8	31.3	-6.0
36.64			2863	28.7	19.8	14.8	39.7	8.8
36.60								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

62.43		2308	4.0	16.9	9.3	21.8	-0.8
37.07		2567	13.0	7.2	10.3	20.9	-0.6
-37.36	Min	Cent	-7.4	-11.9	-8.2	-1.1	-18.1
-55.48		3146	-33.8	-25.8	-10.3	-18.7	-40.9
-17.11		2863	-7.7	-35.4	-9.4	-4.8	-38.2
-15.10		2308	-12.8	-31.8	-5.5	-11.3	-33.3
-46.75		2567	-7.8	-7.0	-6.1	-1.3	-13.5

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3146	0.0	0.0
	2863	0.0	0.1
	2308	0.0	0.1
	2567	0.0	0.0
Min	Cent	-0.0	-0.0
	3146	-0.1	-0.0
	2863	-0.1	-0.1
	2308	-0.0	-0.1
	2567	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.17	pp	Cent	-0.8	-79.0	-1.6	-0.8	-79.1
-0.55		3146	9.2	-156.9	-1.6	9.2	-157.0
-8.58		2863	9.2	-1.1	-1.6	9.5	-1.4
-80.86		2308	-10.8	-1.1	-1.6	-0.9	-11.1
-0.63		2567	-10.8	-156.9	-1.6	-10.8	-157.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.61	Cent	1.5	-17.5	10.3	6.0	-22.0
31.82	3146	-15.9	-27.1	11.3	-8.9	-34.1
16.45	2863	26.6	-3.7	9.8	29.5	-6.6
17.00	2308	-13.0	-32.9	6.7	-11.0	-35.0
23.95	2567	8.4	-6.3	8.2	12.0	-10.0

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	3146	-0.1	-0.0
	2863	-0.1	0.0
	2308	0.0	0.0
	2567	0.0	-0.0

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE							
-18.25	vento -y	Cent	-0.1	-2.3	-0.8	0.2	-2.6
-34.84		3146	-0.0	-0.7	-0.8	0.5	-1.2
-11.48		2863	-0.0	-4.0	-0.8	0.1	-4.1
-11.61		2308	-0.1	-4.0	-0.8	0.1	-4.2
-35.54		2567	-0.1	-0.7	-0.8	0.5	-1.3

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.39		Cent	-0.1	-0.0	0.5	0.5	-0.6
47.45		3146	-0.3	-0.2	0.4	0.2	-0.7
69.48		2863	0.4	1.4	0.4	1.6	0.2
23.96		2308	-0.4	-1.3	0.5	-0.1	-1.5
46.15		2567	-0.0	-0.0	0.5	0.5	-0.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
3146	-0.0	-0.0
2863	-0.0	0.0
2308	-0.0	0.0
2567	-0.0	-0.0

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
86.35	cedime~1	Cent	27.6	207.2	11.5	207.9	26.9
71.02		3146	33.1	62.6	11.5	66.6	29.1
87.93		2863	33.1	351.7	11.5	352.2	32.7
88.00		2308	22.1	351.7	11.5	352.1	21.7
75.20		2567	22.1	62.6	11.5	65.7	19.0

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-64.97		Cent	-4.7	14.6	-11.5	20.0	-10.1
-44.23		3146	14.7	13.6	-21.4	35.6	-7.2
-77.85		2863	-34.3	42.3	-17.3	46.1	-38.0
-17.78		2308	12.8	6.2	-2.3	13.5	5.4
-61.37		2567	-12.0	-3.7	-6.5	-0.2	-15.6

NODE	Vxx	Vyy
------	-----	-----

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
          Cent      0.0      0.0
          3146      0.1      0.0
          2863      0.1      0.1
          2308     -0.0      0.1
          2567     -0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.94	perm	Cent	-0.5	-17.7	2.4	-0.1	-18.0
2.72		3146	2.2	-49.2	2.4	2.3	-49.3
78.64		2863	2.2	13.8	2.4	14.3	1.7
81.96		2308	-3.1	13.8	2.4	14.2	-3.5
3.03		2567	-3.1	-49.2	2.4	-3.0	-49.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
22.12	Cent	0.1	-5.6	2.8	1.3	-6.8
34.18	3146	-6.9	-9.4	3.1	-4.8	-11.5
13.43	2863	7.9	-3.4	2.9	8.6	-4.1
18.79	2308	-3.6	-8.3	1.8	-3.0	-8.9
20.97	2567	3.2	-1.4	2.1	4.0	-2.2

```

-----
          NODE      Vxx      Vyy
          Cent      -0.0     -0.0
          3146      -0.0     -0.0
          2863      -0.0      0.0
          2308       0.0      0.0
          2567       0.0     -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
79.90	INV TO~1	Max	Cent	32.4	296.3	48.6	305.0	23.7
36.93			3146	45.0	16.9	48.6	81.5	-19.6
85.67			2863	45.0	682.4	48.6	686.1	41.3
85.73			2308	35.4	682.4	48.6	686.1	31.8
39.61			2567	35.4	16.9	48.6	75.6	-23.3
-4.27	Min	Cent	Cent	-69.7	-516.0	-33.5	-67.1	-518.5
-6.37			3146	-87.6	-384.3	-33.5	-83.8	-388.0
-3.13			2863	-87.6	-699.0	-33.5	-85.7	-700.8
-2.98			2308	-56.5	-699.0	-33.5	-54.8	-700.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-5.78			2567	-56.5	-384.3	-33.5	-53.1	-387.6
	ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	11.1	11.6	21.3	26.5	-1.2
35.88			3146	32.1	14.0	27.7	37.9	12.0
36.49			2863	51.4	70.1	25.4	71.4	16.0
81.44			2308	16.9	57.4	14.3	60.7	13.6
74.74			2567	25.7	13.5	16.0	36.8	2.5
34.53		Min	Cent	-14.5	-38.0	-19.8	-7.6	-40.2
-15.24			3146	-72.2	-63.7	-32.2	-56.3	-86.2
-55.77			2863	-36.7	-137.5	-27.1	-26.0	-138.2
-21.42			2308	-22.1	-51.2	-10.1	-20.2	-53.1
-14.02			2567	-19.4	-14.7	-12.6	-4.2	-29.8
-50.31								

			NODE	Vxx	Vyy

	Max	Cent		0.0	0.1
		3146		0.1	0.0
		2863		0.1	0.1
		2308		0.1	0.1
		2567		0.1	0.0
	Min	Cent		-0.1	-0.1
		3146		-0.3	-0.1
		2863		-0.3	-0.2
		2308		-0.1	-0.2
		2567		-0.1	-0.1

		LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	ANGLE								

		INV TO~2	Max	Cent	32.4	296.3	48.6	305.0	23.7
79.90				3146	45.0	16.9	48.6	81.5	-19.6
36.93				2863	45.0	682.4	48.6	686.1	41.3
85.67				2308	35.4	682.4	48.6	686.1	31.8
85.73				2567	35.4	16.9	48.6	75.6	-23.3
39.61			Min	Cent	-69.7	-516.0	-33.5	-67.1	-518.5
-4.27				3146	-87.6	-384.3	-33.5	-83.8	-388.0
-6.37				2863	-87.6	-699.0	-33.5	-85.7	-700.8
-3.13				2308	-56.5	-699.0	-33.5	-54.8	-700.7
-2.98				2567	-56.5	-384.3	-33.5	-53.1	-387.6
-5.78									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Max   Cent      11.1      11.6      21.3      26.5      -1.2
35.88
          3146      32.1      14.0      27.7      37.9      12.0
36.49
          2863      51.4      70.1      25.4      71.4      16.0
81.44
          2308      16.9      57.4      14.3      60.7      13.6
74.74
          2567      25.7      13.5      16.0      36.8       2.5
34.53
          Min   Cent      -14.5     -38.0     -19.8     -7.6     -40.2
-15.24
          3146     -72.2     -63.7     -32.2     -56.3     -86.2
-55.77
          2863     -36.7    -137.5     -27.1     -26.0    -138.2
-21.42
          2308     -22.1     -51.2     -10.1     -20.2     -53.1
-14.02
          2567     -19.4     -14.7     -12.6     -4.2     -29.8
-50.31
  
```

```

          NODE      Vxx      Vyy
-----
          Max   Cent      0.0      0.1
          3146      0.1      0.0
          2863      0.1      0.1
          2308      0.1      0.1
          2567      0.1      0.0
          Min   Cent     -0.1     -0.1
          3146     -0.3     -0.1
          2863     -0.3     -0.2
          2308     -0.1     -0.2
          2567     -0.1     -0.1
  
```

```

ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
2715   2    15  c mob-a  Max   Cent      38.0      5.9      11.9      42.0      2.0
18.32
          3143      32.9      6.3      11.9      37.5      1.8
20.95
          2564      32.9      13.6      11.9      38.6      7.9
25.50
          2566      51.9      13.6      11.9      55.3      10.2
15.97
          3145      51.9      6.3      11.9      54.8      3.4
13.82
          Min   Cent     -57.5     -7.1     -29.4      6.4     -71.0
-65.33
          3143     -59.9    -18.1     -29.4     -3.0     -75.0
-62.73
          2564     -59.9     -2.8     -29.4      9.6     -72.3
-67.10
          2566     -57.5     -2.8     -29.4     10.0     -70.3
-66.49
          3145     -57.5    -18.1     -29.4     -2.5     -73.2
-61.93
  
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Max   Cent      3.0      0.4      1.6      3.8     -0.4
25.09
          3143      6.3      4.9      2.3      8.0      3.1
  
```

PROJECT TITLE :

	Company		Client	
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36.40							
		2564	2.6	2.0	1.8	4.1	0.5
40.97							
		2566	8.3	1.5	1.9	8.8	1.0
14.43							
		3145	4.0	3.3	1.8	5.5	1.8
39.96							
	Min	Cent	-15.2	-3.9	-3.1	-3.1	-16.0
-75.70							
		3143	-20.7	-9.6	-3.1	-8.8	-21.5
-75.27							
		2564	-6.2	-5.4	-2.9	-2.9	-8.7
-49.30							
		2566	-5.8	-0.9	-3.9	1.3	-8.0
-61.27							
		3145	-39.4	-12.1	-3.7	-11.6	-39.9
-82.42							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3143	0.0	0.0
	2564	0.0	0.0
	2566	0.0	0.0
	3145	0.0	0.0
Min	Cent	-0.0	-0.0
	3143	-0.0	-0.0
	2564	-0.0	-0.0
	2566	-0.1	-0.0
	3145	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	22.5	6.7	34.6	50.1	-20.9
38.60								
			3143	23.9	4.0	34.6	49.9	-22.0
37.00								
			2564	23.9	30.5	34.6	61.9	-7.5
47.75								
			2566	44.0	30.5	34.6	72.5	2.0
39.48								
			3145	44.0	4.0	34.6	64.0	-15.9
29.97								
	Min	Cent	-113.9	-15.1	-70.8	21.8	-150.8	
-62.44								
			3143	-162.6	-34.1	-70.8	-2.7	-193.9
-66.10								
			2564	-162.6	-11.8	-70.8	16.3	-190.6
-68.39								
			2566	-114.8	-11.8	-70.8	24.3	-150.9
-63.01								
			3145	-114.8	-34.1	-70.8	7.1	-156.0
-59.84								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	4.8	0.9	0.7	4.9	0.8
9.42							
		3143	12.7	9.2	1.7	13.4	8.5
22.55							
		2564	9.0	4.7	1.0	9.2	4.5
12.17							
		2566	17.3	3.4	0.9	17.4	3.4
3.50							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

12.98		3145	9.7	5.9	0.9	9.9	5.7
-69.85	Min	Cent	-15.4	-5.5	-4.2	-3.9	-16.9
-70.21		3143	-23.8	-12.8	-4.6	-11.1	-25.5
-45.29		2564	-12.5	-12.4	-3.0	-9.5	-15.4
-58.22		2566	-7.7	-3.3	-4.5	-0.5	-10.5
-77.16		3145	-35.6	-12.3	-5.6	-11.0	-36.9

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3143	0.0	0.0
	2564	0.0	0.0
	2566	0.0	0.0
	3145	0.0	0.0
Min	Cent	-0.0	-0.0
	3143	-0.0	-0.0
	2564	-0.0	-0.0
	2566	-0.0	-0.0
	3145	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.39	pp	Cent	-80.7	-1.7	-39.8	14.8	-97.3
-64.20		3143	-77.7	-14.6	-39.8	4.7	-96.9
-69.06		2564	-77.7	11.1	-39.8	26.3	-92.9
-70.00		2566	-83.8	11.1	-39.8	25.6	-98.3
-65.50		3145	-83.8	-14.6	-39.8	3.6	-101.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-38.96	Cent	-0.3	-2.0	-4.0	3.0	-5.3
-62.61	3143	-10.7	-4.9	-4.1	-2.8	-12.8
-16.81	2564	5.0	-3.5	-2.8	5.8	-4.4
-19.87	2566	11.5	2.3	-3.8	12.9	0.9
-58.15	3145	-7.0	-1.9	-5.1	1.2	-10.2

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	3143	-0.0	-0.0
	2564	-0.0	-0.0
	2566	-0.0	-0.0
	3145	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-79.56      vento -y      Cent      -2.6      -0.3      -0.4      -0.2      -2.7
3143      -3.5      -0.5      -0.4      -0.4      -3.5
-81.93      2564      -3.5      -0.1      -0.4      -0.1      -3.5
-82.71      2566      -1.7      -0.1      -0.4      -0.0      -1.8
-75.42      3145      -1.7      -0.5      -0.4      -0.3      -1.8
-72.23
-----
      NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-24.04      Cent      0.3      0.1      -0.1      0.4      0.0
3143      0.9      0.4      -0.1      0.9      0.4
-6.86      2564      0.1      0.1      -0.1      0.2      -0.1
-43.29      2566      0.3      0.0      -0.2      0.4      -0.1
-23.92      3145      0.0      -0.1      -0.1      0.1      -0.1
-26.46
-----
      NODE      Vxx      Vyy
-----
      Cent      0.0      0.0
      3143      0.0      0.0
      2564      0.0      0.0
      2566      -0.0      0.0
      3145      -0.0      0.0
-----
      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-81.08      cedime~1      Cent      -48.8      -4.4      -7.1      -3.3      -49.9
3143      -58.3      -7.2      -7.1      -6.3      -59.3
-82.19      2564      -58.3      -1.5      -7.1      -0.7      -59.2
-82.94      2566      -39.2      -1.5      -7.1      -0.2      -40.5
-79.61      3145      -39.2      -7.2      -7.1      -5.7      -40.7
-77.96
-----
      NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-2.94      Cent      7.2      2.3      -0.3      7.3      2.3
3143      19.4      9.2      1.1      19.5      9.1
6.21      2564      2.0      1.4      -0.6      2.3      1.0
-31.27      2566      5.6      0.1      -1.0      5.7      -0.1
-10.10      3145      2.1      -1.6      0.7      2.2      -1.7
10.16
-----
      NODE      Vxx      Vyy
-----
      Cent      0.0      0.0

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

3143      0.0      0.0
2564      0.0      0.0
2566     -0.0      0.0
3145     -0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-70.03	perm	Cent	-53.7	-1.6	-21.8	6.4	-61.6
-67.42		3143	-51.3	-7.9	-21.8	1.2	-60.4
-71.04		2564	-51.3	4.8	-21.8	12.2	-58.8
-72.17		2566	-56.1	4.8	-21.8	11.8	-63.1
-68.92		3145	-56.1	-7.9	-21.8	0.5	-64.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.73	Cent	0.4	-1.0	-2.0	1.8	-2.4
-66.02	3143	-6.0	-2.3	-2.1	-1.4	-6.9
-12.92	2564	4.0	-1.3	-1.3	4.2	-1.6
-13.43	2566	9.0	1.8	-1.8	9.5	1.4
-61.47	3145	-5.4	-2.1	-2.6	-0.7	-6.8

```

NODE      Vxx      Vyy
Cent      -0.0     -0.0
3143      -0.0     -0.0
2564      -0.0     -0.0
2566      -0.0     -0.0
3145      -0.0     -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-64.14	INV TO~1 Max	Cent	-2.4	7.5	24.9	34.9	-22.8
49.28		3143	-6.8	0.7	24.9	22.1	-28.2
68.35		2564	-6.8	46.0	24.9	55.8	-16.7
61.39		2566	14.0	46.0	24.9	59.5	0.4
37.53		3145	14.0	0.7	24.9	33.1	-18.4
73.43	Min	Cent	-256.2	-26.4	-124.6	8.4	-310.7
-68.54		3143	-329.1	-61.1	-124.6	-12.2	-378.0
-70.89		2564	-329.1	-12.7	-124.6	30.5	-372.2
-66.82		2566	-250.3	-12.7	-124.6	40.6	-303.6
-63.60		3145	-250.3	-61.1	-124.6	0.7	-312.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	14.2	2.5	0.1	14.2	2.5
-0.54		3143	30.5	19.4	2.2	30.9	18.9
10.88		2564	18.1	6.4	1.1	18.1	6.4
2.83		2566	38.0	6.6	0.7	38.0	6.6
-0.52		3145	9.7	5.9	0.6	9.8	5.9
6.03	Min	Cent	-20.3	-8.3	-7.9	-4.6	-24.1
-64.01		3143	-38.2	-19.6	-8.2	-16.5	-41.3
-69.28		2564	-12.9	-18.1	-5.9	-9.6	-21.4
-31.92		2566	-1.4	-2.6	-8.9	5.9	-9.8
-42.83		3145	-58.6	-20.2	-10.2	-17.9	-61.1
-76.22							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	3143		0.0	0.0
	2564		0.0	0.0
	2566		0.0	0.0
	3145		0.0	0.0
Min	Cent		-0.1	-0.0
	3143		-0.1	-0.0
	2564		-0.1	-0.0
	2566		-0.1	-0.0
	3145		-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	-2.4	7.5	24.9	34.9	-22.8
-64.14			3143	-6.8	0.7	24.9	22.1	-28.2
49.28			2564	-6.8	46.0	24.9	55.8	-16.7
68.35			2566	14.0	46.0	24.9	59.5	0.4
61.39			3145	14.0	0.7	24.9	33.1	-18.4
37.53		Min	Cent	-256.2	-26.4	-124.6	8.4	-310.7
73.43			3143	-329.1	-61.1	-124.6	-12.2	-378.0
-68.54			2564	-329.1	-12.7	-124.6	30.5	-372.2
-70.89			2566	-250.3	-12.7	-124.6	34.5	-303.6
-70.00			3145	-250.3	-61.1	-124.6	0.7	-312.1
-63.60								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.54		Max	Cent	14.2	2.5	0.1	14.2	2.5
10.88			3143	30.5	19.4	2.2	30.9	18.9
2.83			2564	18.1	6.4	1.1	18.1	6.4
-0.52			2566	38.0	6.6	0.7	38.0	6.6
6.03			3145	9.7	5.9	0.6	9.8	5.9
-64.01		Min	Cent	-20.3	-8.3	-7.9	-4.6	-24.1
-69.28			3143	-38.2	-19.6	-8.2	-16.5	-41.3
-31.92			2564	-12.9	-18.1	-5.9	-9.6	-21.4
-42.83			2566	-1.4	-2.6	-8.9	5.9	-9.8
-76.22			3145	-58.6	-20.2	-10.2	-17.9	-61.1

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	3143		0.0	0.0
	2564		0.0	0.0
	2566		0.0	0.0
	3145		0.0	0.0
Min	Cent		-0.1	-0.0
	3143		-0.1	-0.0
	2564		-0.1	-0.0
	2566		-0.1	-0.0
	3145		-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2716	2	15	c mob-a	Max	Cent	21.8	10.0	13.3	30.5	1.3
33.01					3139	6.6	10.2	13.3	21.9	-5.0
48.82					2560	6.6	13.3	13.3	23.7	-3.8
52.01					2564	33.8	13.3	13.3	40.4	6.7
26.23					3143	33.8	10.2	13.3	39.8	4.2
24.26				Min	Cent	-47.8	-9.9	-84.5	57.8	-115.5
-51.32					3139	-37.7	-13.6	-84.5	59.7	-111.1
-49.06					2560	-37.7	-9.2	-84.5	62.3	-109.2
-49.79					2564	-60.1	-9.2	-84.5	53.6	-123.0
-53.38					3143	-60.1	-13.6	-84.5	50.8	-124.6
-52.69										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	17.0	4.0	1.2	17.1	3.9
5.13					3139	88.1	25.0	5.4	88.5	24.5
4.85					2560	6.9	2.7	1.9	7.6	2.0

PROJECT TITLE :

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20.84			2564	2.6	1.5	1.9	3.9	0.1
36.72			3143	6.7	3.6	5.4	10.8	-0.5
36.92								
-80.40		Min	Cent	-14.7	-5.6	-1.6	-5.4	-14.9
-84.08			3139	-44.3	-14.2	-3.2	-13.8	-44.6
-75.53			2560	-24.3	-8.1	-4.5	-6.9	-25.5
-48.20			2564	-6.4	-5.4	-4.6	-1.3	-10.5
-75.22			3143	-20.9	-8.6	-3.5	-7.6	-21.8

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		3139	0.1	0.0
		2560	0.1	0.0
		2564	0.0	0.0
		3143	0.0	0.0
	Min	Cent	-0.0	-0.0
		3139	-0.1	-0.0
		2560	-0.1	-0.0
		2564	-0.0	-0.0
		3143	-0.0	-0.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.34	c mob-b	Max	Cent	13.5	12.5	21.3	34.3	-8.2
46.67			3139	3.9	6.4	21.3	26.5	-16.1
58.91			2560	3.9	26.4	21.3	39.2	-8.9
46.72			2564	23.8	26.4	21.3	46.4	3.8
33.87			3143	23.8	6.4	21.3	38.1	-7.9
-56.03		Min	Cent	-152.3	-21.1	-161.9	88.0	-261.4
-54.41			3139	-147.3	-36.9	-161.9	78.9	-263.2
-55.64			2560	-147.3	-21.3	-161.9	89.4	-258.0
-56.70			2564	-161.3	-21.3	-161.9	85.1	-267.7
-55.51			3143	-161.3	-36.9	-161.9	74.3	-272.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
2.71		Max	Cent	36.8	8.5	1.3	36.9	8.4
4.82			3139	201.5	56.8	12.3	202.5	55.7
14.24			2560	20.4	6.3	3.8	21.4	5.3
26.99			2564	9.1	4.3	3.3	10.8	2.7
38.34			3143	13.3	7.6	12.0	22.8	-1.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-77.06	Min	Cent	-18.7	-8.9	-2.4	-8.3	-19.3
-84.62		3139	-82.5	-27.8	-5.2	-27.3	-83.0
-77.34		2560	-60.0	-20.3	-9.4	-18.2	-62.1
-44.71		2564	-12.7	-12.9	-9.8	-3.0	-22.5
-68.23		3143	-24.3	-11.9	-5.9	-9.5	-26.7

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	3139	0.3	0.0
	2560	0.3	0.0
	2564	0.0	0.0
	3143	0.0	0.0
Min	Cent	-0.1	-0.0
	3139	-0.1	-0.0
	2560	-0.1	-0.0
	2564	-0.0	-0.0
	3143	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-51.59	pp	Cent	-67.6	-4.8	-133.9	101.3	-173.8
-49.35		3139	-56.6	-15.6	-133.9	99.4	-171.6
-51.57		2560	-56.6	5.9	-133.9	112.2	-162.9
-53.76		2564	-78.6	5.9	-133.9	104.1	-176.8
-51.62		3143	-78.6	-15.6	-133.9	90.5	-184.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
73.31	Cent	-7.9	-4.3	1.2	-4.0	-8.3
-87.96	3139	-126.3	-41.4	-3.0	-41.3	-126.4
0.27	2560	99.5	29.5	0.3	99.5	29.5
-1.46	2564	5.0	-3.3	-0.2	5.0	-3.3
-68.52	3143	-9.8	-2.2	-3.6	-0.8	-11.3

	NODE	Vxx	Vyy
	Cent	-0.1	0.0
	3139	-0.3	-0.0
	2560	-0.3	0.0
	2564	-0.0	0.0
	3143	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-2.0	-0.6	-0.4	-0.5	-2.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-74.22		3139	-0.5	-0.8	-0.4	-0.2	-1.1
-37.04		2560	-0.5	-0.4	-0.4	-0.0	-0.9
-48.89		2564	-3.6	-0.4	-0.4	-0.3	-3.6
-82.12		3143	-3.6	-0.8	-0.4	-0.7	-3.6
-81.12							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----	Cent	0.6	0.2	-0.0	0.6	0.2
-7.47	3139	1.2	0.4	-0.0	1.2	0.4
-0.01	2560	0.1	0.1	-0.1	0.2	0.0
-41.26	2564	0.1	0.0	-0.1	0.1	-0.0
-39.21	3143	0.9	0.4	-0.0	0.9	0.4
-2.74						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	-0.0
3139	0.0	-0.0
2560	0.0	0.0
2564	0.0	0.0
3143	0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----	cedime~1	Cent	-33.4	-7.3	-13.3	-1.7	-39.1
-67.18		3139	-7.7	-8.5	-13.3	5.3	-21.4
-44.14		2560	-7.7	-6.2	-13.3	6.4	-20.3
-46.55		2564	-59.2	-6.2	-13.3	-3.1	-62.4
-76.63		3143	-59.2	-8.5	-13.3	-5.2	-62.5
-76.13							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-----	Cent	15.6	6.0	1.1	15.7	5.8
6.15	3139	42.2	13.3	3.1	42.6	13.0
6.14	2560	-0.8	0.8	-0.0	0.8	-0.8
-88.81	2564	1.9	1.1	-0.5	2.1	0.9
-25.00	3143	19.2	8.6	2.7	19.9	7.9
13.57						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	-0.0
3139	0.0	-0.0
2560	0.0	0.0

PROJECT TITLE :

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			2564	0.0	0.0			
			3143	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	perm	Cent	-44.3	-2.6	-72.3	51.8	-98.7	
-53.04		3139	-37.0	-7.6	-72.3	51.5	-96.1	
-50.75		2560	-37.0	2.4	-72.3	57.6	-92.2	
-52.62		2564	-51.6	2.4	-72.3	52.6	-101.8	
-55.24		3143	-51.6	-7.6	-72.3	46.0	-105.2	
-53.46								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-4.9	-2.4	-0.3	-2.4	-4.9	
-84.00		3139	-23.9	-9.0	-1.6	-8.8	-24.1	
-83.84		2560	6.0	1.4	0.8	6.1	1.3	
9.95		2564	4.0	-1.2	0.5	4.0	-1.2	
5.09		3143	-5.6	-1.0	-2.0	-0.2	-6.3	
-69.59								
		NODE	Vxx	Vyy				

		Cent	-0.0	-0.0				
		3139	-0.0	-0.0				
		2560	-0.0	0.0				
		2564	-0.0	0.0				
		3143	-0.0	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	-14.8	14.3	-43.6	170.2	-46.2
-55.31			3139	-28.0	6.2	-43.6	162.1	-57.8
-53.14			2560	-28.0	38.0	-43.6	183.9	-49.7
-54.57			2564	-6.0	38.0	-43.6	167.3	-32.8
-56.34			3143	-6.0	6.2	-43.6	146.1	-43.9
-55.01								
		Min	Cent	-283.3	-38.5	-304.2	42.6	-488.8
-57.93			3139	-243.6	-65.9	-304.2	35.9	-471.6
-55.72			2560	-243.6	-32.5	-304.2	59.6	-460.0
-63.56			2564	-328.6	-32.5	-304.2	58.0	-518.9
-65.20			3143	-328.6	-65.9	-304.2	31.3	-528.6
-59.46								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		Max	Cent	60.4	15.0	2.6	60.6	14.9
3.27			3139	290.3	81.0	18.1	291.8	79.4
4.91			2560	33.6	10.7	6.0	35.0	9.1
13.45			2564	18.2	5.8	4.9	19.6	4.4
17.83			3143	31.6	17.9	17.0	43.0	6.4
34.00		Min	Cent	-30.2	-14.4	-3.5	-13.6	-30.9
-78.05			3139	-135.3	-46.5	-8.6	-45.7	-136.1
-84.49			2560	-75.8	-25.9	-11.9	-23.2	-78.4
-77.09			2564	-13.1	-18.6	-13.2	-2.8	-28.8
-38.96			3143	-38.4	-17.0	-10.0	-13.1	-42.4
-68.51								

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	3139	0.4	0.0
	2560	0.4	0.0
	2564	0.0	0.0
	3143	0.0	0.0
Min	Cent	-0.1	-0.0
	3139	-0.2	-0.0
	2560	-0.2	-0.0
	2564	-0.1	-0.0
	3143	-0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-14.8	14.3	-43.6	170.2	-46.2
-55.31			3139	-28.0	6.2	-43.6	162.1	-57.8
-53.14			2560	-28.0	38.0	-43.6	183.9	-49.7
-54.57			2564	-6.0	38.0	-43.6	167.3	-32.8
-56.34			3143	-6.0	6.2	-43.6	146.1	-43.9
-55.01		Min	Cent	-283.3	-38.5	-304.2	42.6	-488.8
-57.93			3139	-243.6	-65.9	-304.2	35.9	-471.6
-55.72			2560	-243.6	-32.5	-304.2	59.6	-460.0
-63.56			2564	-328.6	-32.5	-304.2	58.0	-518.9
-65.20			3143	-328.6	-65.9	-304.2	31.3	-528.6
-59.46								

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	60.4	15.0	2.6	60.6	14.9
3.27							

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4.91		3139	290.3	81.0	18.1	291.8	79.4
0.27		2560	134.3	39.8	6.0	134.3	39.8
17.83		2564	18.2	5.8	4.9	19.6	4.4
34.00		3143	31.6	17.9	17.0	43.0	6.4
-78.05	Min	Cent	-30.2	-14.4	-3.5	-13.6	-30.9
-87.96		3139	-170.5	-55.8	-8.6	-55.7	-170.6
-77.09		2560	-75.8	-25.9	-11.9	-23.2	-78.4
-38.96		2564	-13.1	-18.6	-13.2	-2.8	-28.8
-68.51		3143	-38.4	-17.0	-10.0	-13.1	-42.4

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	3139	0.4	0.0
	2560	0.4	0.0
	2564	0.0	0.0
	3143	0.0	0.0
Min	Cent	-0.2	-0.0
	3139	-0.3	-0.0
	2560	-0.3	-0.0
	2564	-0.1	-0.0
	3143	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2755	2	15	c mob-a	Max	Cent	11.3	2.8	28.6	36.0	-21.9
40.82					2909	13.0	1.1	28.6	36.3	-22.2
39.13					2330	13.0	9.8	28.6	40.0	-17.3
43.38					2332	10.1	9.8	28.6	38.5	-18.7
44.82					2911	10.1	1.1	28.6	34.6	-23.3
40.53				Min	Cent	-65.1	-0.6	-0.5	-0.6	-65.2
-89.58					2909	-75.7	-6.1	-0.5	-6.1	-75.7
-89.61					2330	-75.7	-0.4	-0.5	-0.4	-75.7
-89.64					2332	-54.8	-0.4	-0.5	-0.4	-54.8
-89.50					2911	-54.8	-6.1	-0.5	-6.1	-54.8
-89.44										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3.2	0.2	3.2	5.3	-1.8
32.56					2909	0.8	0.4	3.7	4.3	-3.1
43.23					2330	8.0	1.0	3.3	9.3	-0.3
21.37					2332	3.7	0.1	2.8	5.2	-1.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.53			2911	2.2	0.4	3.2	4.6	-2.0
37.02		Min	Cent	-3.2	-1.3	-0.3	-1.2	-3.3
-80.95			2909	-5.3	-0.9	-0.3	-0.8	-5.3
-85.55			2330	-1.6	-0.2	-0.2	-0.2	-1.6
-81.11			2332	-1.9	-2.1	-0.3	-1.7	-2.4
-35.92			2911	-5.7	-3.2	-0.5	-3.1	-5.7
-79.60								

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2909	0.0	0.0
	2330	0.0	0.0
	2332	0.0	0.0
	2911	0.0	0.0
Min	Cent	-0.0	-0.0
	2909	-0.0	-0.0
	2330	-0.0	-0.0
	2332	-0.0	-0.0
	2911	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
35.58	c mob-b	Max	Cent	24.1	4.4	28.8	44.7	-16.2
32.80			2909	28.3	2.1	28.8	46.8	-16.5
36.87			2330	28.3	11.5	28.8	49.9	-10.2
40.51			2332	20.6	11.5	28.8	45.2	-13.2
36.12			2911	20.6	2.1	28.8	41.6	-18.9
-89.49		Min	Cent	-65.6	-0.8	-0.6	-0.8	-65.6
-89.53			2909	-75.4	-5.9	-0.6	-5.9	-75.5
-89.56			2330	-75.4	-0.7	-0.6	-0.7	-75.5
-89.40			2332	-55.9	-0.7	-0.6	-0.7	-55.9
-89.34			2911	-55.9	-5.9	-0.6	-5.9	-55.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
33.11	Max	Cent	3.1	0.2	3.3	5.3	-2.0	
43.97			2909	0.7	0.4	3.9	4.5	-3.4
21.10			2330	7.8	0.9	3.1	9.0	-0.3
27.79			2332	3.7	0.1	2.6	5.1	-1.3
38.11			2911	1.9	0.3	3.4	4.6	-2.4
-83.70	Min	Cent	-6.7	-2.3	-0.5	-2.2	-6.7	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.16	2909	-10.9	-1.9	-0.6	-1.9	-11.0
-83.55	2330	-3.1	-0.5	-0.3	-0.4	-3.1
-57.12	2332	-3.4	-2.9	-0.5	-2.6	-3.7
-82.23	2911	-11.2	-5.5	-0.8	-5.4	-11.4

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2909	0.0	0.0
	2330	0.0	0.0
	2332	0.0	0.0
	2911	0.0	0.0
Min	Cent	-0.0	-0.0
	2909	-0.0	-0.0
	2330	-0.0	-0.0
	2332	-0.0	-0.0
	2911	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
69.95	pp	Cent	-200.0	4.2	85.9	35.5	-231.3
70.18		2909	-226.7	-19.3	85.9	11.7	-257.6
72.97		2330	-226.7	27.6	85.9	53.9	-253.0
69.73		2332	-173.3	27.6	85.9	59.3	-205.0
65.93		2911	-173.3	-19.3	85.9	19.1	-211.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
29.97	Cent	8.2	-1.6	8.5	13.1	-6.5
51.35	2909	-4.3	0.1	9.7	7.8	-12.0
19.51	2330	24.9	3.0	8.9	28.1	-0.2
20.41	2332	10.5	-5.2	6.8	13.0	-7.8
34.41	2911	1.5	-4.4	7.6	6.7	-9.6

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	2909	-0.0	0.0
	2330	-0.0	0.0
	2332	-0.0	0.0
	2911	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
60.84	vento -y	Cent	-1.2	-0.0	0.9	0.5	-1.7
		2909	-1.2	-0.3	0.9	0.3	-1.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

57.87							
	2330	-1.2	0.2	0.9	0.7	-1.7	
63.38							
	2332	-1.2	0.2	0.9	0.7	-1.7	
63.47							
	2911	-1.2	-0.3	0.9	0.3	-1.8	
57.98							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-0.0	-0.0	0.1	0.1	-0.1	
41.61							
	2909	-0.0	0.0	0.1	0.1	-0.2	
52.10							
	2330	0.2	0.0	0.1	0.2	-0.0	
30.60							
	2332	0.0	-0.1	0.1	0.1	-0.1	
33.13							
	2911	-0.1	-0.1	0.1	0.0	-0.3	
48.09							

	NODE	Vxx	Vyy

	Cent	-0.0	0.0
	2909	-0.0	0.0
	2330	-0.0	0.0
	2332	-0.0	0.0
	2911	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	cedime~1	Cent	-113.3	-12.7	-15.5	-10.3	-115.6
-81.45							
		2909	-118.8	-4.0	-15.5	-2.0	-120.9
-82.46							
		2330	-118.8	-21.3	-15.5	-18.9	-121.2
-81.20							
		2332	-107.7	-21.3	-15.5	-18.6	-110.4
-80.15							
		2911	-107.7	-4.0	-15.5	-1.8	-110.0
-81.69							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	35.8	9.9	-8.9	38.6	7.2
-17.24							
		2909	54.0	7.0	-10.3	56.2	4.9
-11.86							
		2330	9.6	1.1	-8.8	15.2	-4.4
-32.08							
		2332	18.5	8.3	-7.7	22.6	4.2
-28.26							
		2911	61.2	23.4	-9.2	63.3	21.3
-12.95							

	NODE	Vxx	Vyy

	Cent	0.1	-0.0
	2909	0.1	-0.0
	2330	0.1	-0.0
	2332	0.0	-0.0
	2911	0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
68.75	perm	Cent	-67.5	1.7	31.7	14.0	-79.9	
68.46		2909	-74.9	-7.1	31.7	5.4	-87.5	
71.70		2330	-74.9	10.5	31.7	21.0	-85.4	
69.04		2332	-60.2	10.5	31.7	22.7	-72.3	
64.96		2911	-60.2	-7.1	31.7	7.7	-75.0	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
36.57		Cent	0.2	-1.4	2.7	2.2	-3.4	
63.03		2909	-5.3	-0.5	3.3	1.2	-6.9	
18.90		2330	8.1	1.0	2.8	9.1	0.0	
18.00		2332	3.0	-2.4	2.0	3.6	-3.1	
52.60		2911	-5.0	-3.7	2.5	-1.8	-6.9	
		NODE	Vxx	Vyy				
		Cent	-0.0	0.0				
		2909	-0.0	0.0				
		2330	-0.0	0.0				
		2332	-0.0	0.0				
		2911	-0.0	0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
53.40	INV TO~1	Max	Cent	-35.0	7.6	70.6	60.1	-87.5
51.48			2909	-36.8	-4.2	70.6	52.0	-93.0
56.97			2330	-36.8	26.0	70.6	71.9	-82.7
56.22			2332	-32.4	26.0	70.6	73.2	-79.6
50.63			2911	-32.4	-4.2	70.6	53.7	-90.3
86.57		Min	Cent	-269.3	-12.1	15.5	-11.1	-270.2
86.81			2909	-296.0	-19.4	15.5	-18.5	-296.8
86.89			2330	-296.0	-11.7	15.5	-10.9	-296.8
86.19			2332	-243.3	-11.7	15.5	-10.7	-244.3
86.06			2911	-243.3	-19.4	15.5	-18.3	-244.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		Max	Cent	40.4	8.8	7.1	40.5	8.7
-3.19								
			2909	49.9	7.1	8.6	49.9	7.0
-2.35								
			2330	28.6	3.3	7.2	28.7	3.2
-3.69								
			2332	26.4	6.0	5.7	26.6	5.8
-5.50								
			2911	59.1	20.2	7.1	59.3	20.1
-3.11		Min	Cent	-8.8	-4.5	-6.9	-3.7	-9.6
68.49								
			2909	-20.0	-3.1	-7.9	-2.7	-20.4
81.91								
			2330	4.0	0.3	-6.4	5.2	-1.4
26.20								
			2332	-1.6	-6.3	-6.4	-1.3	-6.7
13.98								
			2911	-20.2	-11.1	-7.8	-10.9	-20.4
81.55								

			NODE	Vxx	Vyy

	Max	Cent		0.0	0.0
			2909	0.0	0.0
			2330	0.0	0.0
			2332	0.0	0.0
			2911	0.0	0.0
	Min	Cent		-0.0	-0.0
			2909	-0.0	-0.0
			2330	-0.0	-0.0
			2332	-0.0	-0.0
			2911	-0.0	-0.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

		INV TO~2	Max	Cent	-35.0	7.6	116.0	60.1	-87.5
53.40									
				2909	-36.8	-4.2	116.0	52.0	-93.0
51.48									
				2330	-36.8	37.3	116.0	72.8	-82.7
72.97									
				2332	-32.4	37.3	116.0	80.1	-79.6
69.73									
				2911	-32.4	-4.2	116.0	53.7	-90.3
50.63			Min	Cent	-270.0	-12.1	15.5	-11.1	-312.3
86.57									
				2909	-306.0	-26.0	15.5	-18.5	-347.8
86.81									
				2330	-306.0	-11.7	15.5	-10.9	-341.5
86.89									
				2332	-243.3	-11.7	15.5	-10.7	-276.8
86.19									
				2911	-243.3	-26.0	15.5	-18.3	-285.7
86.06									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	40.4	8.8	11.4	40.5	8.7
-3.19									
				2909	49.9	7.1	13.1	49.9	7.0
-2.35									

PROJECT TITLE :

	Company		Client	
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19.51			2330	33.6	4.0	12.0	37.9	3.2
-5.50			2332	26.4	6.0	9.2	26.6	5.8
-3.11			2911	59.1	20.2	10.3	59.3	20.1
68.49		Min	Cent	-8.8	-4.5	-6.9	-3.7	-9.6
81.91			2909	-20.0	-3.1	-7.9	-2.7	-20.4
26.20			2330	4.0	0.3	-6.4	5.2	-1.4
13.98			2332	-1.6	-7.1	-6.4	-1.3	-10.5
81.55			2911	-20.2	-11.1	-7.8	-10.9	-20.4

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2909	0.0	0.0
	2330	0.0	0.0
	2332	0.0	0.0
Min	2911	0.0	0.0
	Cent	-0.0	-0.0
	2909	-0.0	-0.0
	2330	-0.0	-0.0
	2332	-0.0	-0.0
	2911	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
2756	2	15	c mob-a	Max	Cent	9.6	10.9	88.7	99.0	-78.5
45.21					2911	10.2	9.2	88.7	98.4	-79.0
44.83					2332	10.2	13.3	88.7	100.5	-77.0
45.51					2334	9.3	13.3	88.7	100.1	-77.4
45.66					2913	9.3	9.2	88.7	97.9	-79.5
44.99				Min	Cent	-40.5	-1.9	-0.7	-1.8	-40.5
-88.95					2911	-52.6	-2.9	-0.7	-2.9	-52.6
-89.18					2332	-52.6	-1.4	-0.7	-1.4	-52.6
-89.21					2334	-28.6	-1.4	-0.7	-1.4	-28.7
-88.51					2913	-28.6	-2.9	-0.7	-2.8	-28.7
-88.43										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	3.2	0.7	2.1	4.4	-0.5
	2911	2.6	1.6	2.4	4.6	-0.4
	2332	3.5	0.1	2.2	4.6	-1.0
	2334	3.7	1.9	1.9	4.9	0.7
	2913	3.2	1.1	2.1	4.5	-0.2

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31.66								
-74.50	Min	Cent	-3.8	-1.5	-0.7	-1.3	-4.0	
-80.21		2911	-5.4	-1.9	-0.6	-1.7	-5.5	
-28.04		2332	-1.9	-2.5	-0.5	-1.6	-2.8	
-64.80		2334	-2.5	-1.2	-0.8	-0.8	-2.8	
-75.12		2913	-6.0	-2.8	-0.9	-2.5	-6.2	

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		2911	0.0	0.0
		2332	0.0	0.0
		2334	0.0	0.0
		2913	0.0	0.0
Min	Cent		-0.0	-0.0
		2911	-0.0	-0.0
		2332	-0.0	-0.0
		2334	-0.0	-0.0
		2913	-0.0	-0.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.91	c mob-b	Max	Cent	19.3	12.5	89.6	105.7	-73.8
43.19			2911	20.9	9.5	89.6	105.0	-74.6
44.29			2332	20.9	16.4	89.6	108.3	-71.0
44.74			2334	18.0	16.4	89.6	106.9	-72.4
43.65			2913	18.0	9.5	89.6	103.5	-76.0
-89.37		Min	Cent	-41.5	-2.5	-0.4	-2.5	-41.5
-89.51			2911	-53.5	-4.1	-0.4	-4.1	-53.5
-89.53			2332	-53.5	-1.7	-0.4	-1.7	-53.5
-89.12			2334	-29.6	-1.7	-0.4	-1.7	-29.6
-89.04			2913	-29.6	-4.1	-0.4	-4.0	-29.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.28		Max	Cent	3.0	0.7	2.1	4.2	-0.6
40.69			2911	2.4	1.5	2.7	4.6	-0.7
25.32			2332	3.5	0.1	2.1	4.6	-0.9
30.62			2334	3.8	1.8	1.8	4.8	0.7
33.13			2913	3.0	1.0	2.3	4.5	-0.5
-78.00		Min	Cent	-7.2	-2.8	-1.0	-2.6	-7.4
-82.39			2911	-10.9	-3.9	-1.0	-3.7	-11.1

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-47.12		2332	-3.3	-3.2	-0.6	-2.6	-3.9
-67.59		2334	-4.2	-2.2	-1.0	-1.8	-4.7
-78.43		2913	-11.2	-5.1	-1.3	-4.8	-11.5

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2911	0.0	0.0
	2332	0.0	0.0
	2334	0.0	0.0
Min	2913	0.0	0.0
	Cent	-0.0	-0.0
	2911	-0.0	-0.0
	2332	-0.0	-0.0
	2334	-0.0	-0.0
	2913	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.93	pp	Cent	-128.6	23.6	267.8	225.9	-330.9
54.43		2911	-167.4	15.4	267.8	207.0	-359.0
55.20		2332	-167.4	31.7	267.8	217.9	-353.6
51.39		2334	-89.8	31.7	267.8	245.6	-303.6
50.56		2913	-89.8	15.4	267.8	235.7	-310.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
21.66	Cent	7.0	0.1	3.3	8.3	-1.2
41.91	2911	3.6	2.6	4.5	7.7	-1.5
13.44	2332	10.1	-6.6	4.2	11.1	-7.6
17.43	2334	12.7	5.6	2.5	13.5	4.8
31.91	2913	1.7	-1.1	2.8	3.4	-2.8

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	2911	-0.0	0.0
	2332	-0.0	-0.0
	2334	-0.0	-0.0
	2913	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.77	vento -y	Cent	-0.8	-0.3	3.0	2.4	-3.5
48.29		2911	-1.3	-0.6	3.0	2.1	-3.9
		2332	-1.3	0.1	3.0	2.4	-3.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

51.29		2334	-0.4	0.1	3.0	2.8	-3.1
47.25		2913	-0.4	-0.6	3.0	2.5	-3.5
44.17							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

50.87		Cent	-0.1	-0.1	0.1	0.0	-0.2
58.13		2911	-0.1	-0.0	0.1	0.1	-0.2
30.84		2332	0.0	-0.1	0.1	0.1	-0.1
50.25		2334	-0.0	-0.0	0.1	0.0	-0.1
57.68		2913	-0.3	-0.2	0.1	-0.1	-0.3

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	2911	-0.0	0.0
	2332	-0.0	-0.0
	2334	-0.0	-0.0
	2913	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-62.19	cedime~1	Cent	-106.9	-13.3	-68.4	22.8	-143.0
-64.30		2911	-107.9	1.3	-68.4	34.2	-140.8
-60.16		2332	-107.9	-27.9	-68.4	11.3	-147.1
-59.84		2334	-105.9	-27.9	-68.4	11.8	-145.6
-64.05		2913	-105.9	1.3	-68.4	34.6	-139.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-14.87		Cent	40.4	13.8	-7.6	42.4	11.8
-10.38		2911	58.9	15.5	-8.2	60.4	14.0
-27.69		2332	18.4	8.1	-7.4	22.3	4.2
-21.47		2334	23.9	8.7	-7.1	26.7	5.9
-11.38		2913	60.2	22.7	-7.9	61.8	21.2

	NODE	Vxx	Vyy
	Cent	0.0	-0.0
	2911	0.0	-0.0
	2332	0.0	0.0
	2334	0.0	0.0
	2913	0.0	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

52.14	perm	Cent	-44.9	6.6	101.2	85.3	-123.5
53.32		2911	-58.7	1.8	101.2	77.2	-134.1
54.55		2332	-58.7	11.4	101.2	83.5	-130.7
50.93		2334	-31.1	11.4	101.2	93.6	-113.2
49.62		2913	-31.1	1.8	101.2	87.9	-117.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

37.44		Cent	-0.8	-1.2	0.8	-0.3	-1.8
71.99		2911	-4.1	-0.6	1.3	-0.2	-4.5
10.04		2332	2.8	-2.8	1.0	3.0	-3.0
15.60		2334	2.3	1.0	0.4	2.4	0.8
72.81		2913	-4.4	-2.5	0.6	-2.3	-4.6
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		2911	-0.0	0.0			
		2332	-0.0	-0.0			
		2334	-0.0	-0.0			
		2913	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

47.72	INV TO~1	Max Cent	-18.8	23.6	222.2	225.6	-161.8
47.91		2911	-30.5	16.0	222.2	215.5	-186.0
49.10		2332	-30.5	33.6	222.2	226.1	-183.2
47.59		2334	-6.7	33.6	222.2	236.6	-138.9
46.38		2913	-6.7	16.0	222.2	226.5	-143.1
81.07		Min Cent	-207.8	-10.0	31.9	-5.0	-225.9
82.46		2911	-238.8	-3.6	31.9	1.9	-243.0
81.92		2332	-238.8	-18.8	31.9	-14.3	-243.3
79.02		2334	-176.9	-18.8	31.9	-12.7	-218.3
79.97		2913	-176.9	-3.6	31.9	3.3	-218.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	43.8	13.5	3.6	44.3	13.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.38							
		2911	58.3	17.1	4.9	58.6	16.8
-4.62							
		2332	26.1	5.4	4.0	26.6	4.9
-9.11							
		2334	31.3	12.2	3.0	32.2	11.3
-11.70							
		2913	60.2	21.8	3.7	60.7	21.3
-6.06							
	Min	Cent	-10.6	-5.1	-8.1	-5.0	-10.6
-84.30							
		2911	-18.9	-5.8	-8.2	-5.8	-18.9
-89.90							
		2332	-1.6	-7.1	-7.3	-1.6	-7.2
1.72							
		2334	-3.4	-2.0	-8.1	-1.5	-3.9
-63.17							
		2913	-19.5	-9.4	-9.0	-9.3	-19.6
-83.74							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2911	0.0	0.0
	2332	0.0	-0.0
	2334	0.0	-0.0
	2913	0.0	0.0
Min	Cent	-0.0	-0.0
	2911	-0.0	-0.0
	2332	-0.0	-0.0
	2334	-0.0	-0.0
	2913	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-18.8	31.8	361.5	304.9	-161.8
52.93			2911	-30.5	20.8	361.5	279.4	-186.0
54.43			2332	-30.5	42.8	361.5	294.1	-183.2
55.20			2334	-6.7	42.8	361.5	331.5	-138.9
51.39			2913	-6.7	20.8	361.5	318.3	-143.1
50.56								
		Min	Cent	-207.8	-10.0	31.9	-5.0	-446.7
81.07			2911	-238.8	-3.6	31.9	1.9	-484.6
82.46			2332	-238.8	-18.8	31.9	-14.3	-477.3
81.92			2334	-176.9	-18.8	31.9	-12.7	-409.9
79.02			2913	-176.9	-3.6	31.9	3.3	-418.6
79.97								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	43.8	13.5	4.4	44.3	13.0	
-7.38			2911	58.3	17.1	6.1	58.6	16.8
-4.62			2332	26.1	5.4	5.7	26.6	4.9
-9.11								

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-11.70			2334	31.3	12.2	3.4	32.2	11.3
-6.06			2913	60.2	21.8	3.8	60.7	21.3
-84.30		Min	Cent	-10.6	-5.1	-8.1	-5.0	-10.6
-89.90			2911	-18.9	-5.8	-8.2	-5.8	-18.9
1.72			2332	-1.6	-8.9	-7.3	-1.6	-10.3
-63.17			2334	-3.4	-2.0	-8.1	-1.5	-3.9
-83.74			2913	-19.5	-9.4	-9.0	-9.3	-19.6

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2911	0.0	0.0
	2332	0.0	-0.0
	2334	0.0	-0.0
	2913	0.0	0.0
Min	Cent	-0.0	-0.0
	2911	-0.0	-0.0
	2332	-0.0	-0.0
	2334	-0.0	-0.0
	2913	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2793	2	15	c mob-a	Max	Cent	5.1	0.5	78.8	81.6	-76.0
44.17					2985	7.2	0.8	78.8	82.8	-74.9
43.84					2406	7.2	0.8	78.8	82.8	-74.9
43.84					2408	20.1	0.8	78.8	89.8	-68.9
41.50					2987	20.1	0.8	78.8	89.8	-68.9
41.50				Min	Cent	-53.9	-134.4	-62.4	-19.9	-168.4
-28.59					2985	-80.5	-198.6	-62.4	-53.6	-225.5
-23.29					2406	-80.5	-75.5	-62.4	-15.5	-140.4
-46.15					2408	-42.5	-75.5	-62.4	5.6	-123.5
-37.60					2987	-42.5	-198.6	-62.4	-20.6	-220.5
-19.32										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	82.6	19.8	4.4	82.9	19.5
3.95		2985	344.8	94.0	7.8	345.0	93.8
1.77		2406	32.2	11.2	4.5	33.1	10.2
11.61		2408	32.1	10.5	4.4	33.0	9.7
10.97		2987	281.7	81.0	8.2	282.0	80.7
2.34	Min	Cent	-38.6	-15.3	-5.7	-13.9	-39.9

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-76.92							
	2985	-70.8	-22.8	-6.0	-22.0	-71.5	
-82.96							
	2406	-159.8	-54.1	-8.8	-53.4	-160.5	
-85.29							
	2408	-152.3	-51.5	-8.3	-50.8	-153.0	
-85.33							
	2987	-57.2	-17.8	-6.2	-16.8	-58.1	
-81.24							

	NODE	Vxx	Vyy
Max	Cent	0.5	0.0
	2985	0.6	0.0
	2406	0.6	0.0
	2408	0.5	0.0
	2987	0.5	0.0
Min	Cent	-0.1	-0.0
	2985	-0.1	-0.0
	2406	-0.1	-0.0
	2408	-0.1	-0.0
	2987	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	c mob-b	Max	Cent	6.8	0.4	104.5	108.2
44.12			2985	11.8	0.5	104.5	110.9
43.46			2406	11.8	0.7	104.5	110.9
43.48			2408	22.0	0.7	104.5	116.4
42.09			2987	22.0	0.5	104.5	116.4
42.07		Min	Cent	-84.0	-145.9	-80.5	-28.7
-34.47			2985	-111.7	-220.1	-80.5	-68.9
-28.02			2406	-111.7	-77.5	-80.5	-12.4
-51.00			2408	-76.0	-77.5	-80.5	3.7
-44.72			2987	-76.0	-220.1	-80.5	-40.0
-24.07							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	107.9	26.9	5.5	108.3
3.89		2985	410.1	113.0	10.3	410.5
1.98		2406	48.1	17.2	6.6	49.4
11.52		2408	47.8	15.6	6.4	49.0
10.80		2987	346.6	99.7	10.9	347.1
2.51	Min	Cent	-54.0	-19.8	-6.0	-18.8
-80.31		2985	-118.7	-36.2	-7.2	-35.6
-85.02		2406	-172.7	-58.1	-10.3	-57.2
-84.90						

PROJECT TITLE :

	Company		Client	
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-85.09		2408	-167.7	-56.5	-9.6	-55.7	-168.5
-83.62		2987	-97.4	-31.3	-7.5	-30.4	-98.2

	NODE	Vxx	Vyy
Max	Cent	0.6	0.0
	2985	0.7	0.0
	2406	0.7	0.0
	2408	0.6	0.0
Min	2987	0.6	0.0
	Cent	-0.1	-0.0
	2985	-0.1	-0.0
	2406	-0.1	-0.0
	2408	-0.1	-0.0
	2987	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.85	pp	Cent	-23.3	-351.6	46.1	-16.9	-357.9
5.41		2985	-32.2	-515.4	46.1	-27.8	-519.7
15.34		2406	-32.2	-187.8	46.1	-19.5	-200.5
14.01		2408	-14.3	-187.8	46.1	-2.8	-199.3
5.22		2987	-14.3	-515.4	46.1	-10.1	-519.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-57.23	Cent	-7.8	-6.1	-1.9	-4.9	-9.0
88.63	2985	-36.3	-15.7	0.5	-15.7	-36.3
-5.58	2406	33.4	6.0	-2.7	33.7	5.7
-7.38	2408	34.2	4.6	-3.9	34.7	4.1
-89.08	2987	-62.5	-19.4	-0.7	-19.4	-62.5

	NODE	Vxx	Vyy
	Cent	-0.1	-0.0
	2985	-0.1	-0.0
	2406	-0.1	0.0
	2408	-0.1	0.0
	2987	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.56	vento -y	Cent	0.8	22.0	-0.5	22.0	0.8
-88.74		2985	-0.1	24.2	-0.5	24.2	-0.1
-88.47		2406	-0.1	19.9	-0.5	19.9	-0.1
		2408	1.7	19.9	-0.5	19.9	1.7

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-88.32
-88.64

2987 1.7 24.2 -0.5 24.2 1.7
 NODE Mxx Myy Mxy Mmax Mmin

 ANGLE

 Cent 0.9 0.2 -0.0 0.9 0.2
 -0.69 2985 4.1 1.0 0.0 4.1 1.0
 0.25 2406 -2.1 -0.8 -0.1 -0.8 -2.1
 -87.27 2408 -2.1 -0.6 -0.0 -0.6 -2.1
 -89.16 2987 3.7 1.1 0.1 3.7 1.1
 1.09

NODE Vxx Vyy

 Cent 0.0 -0.0
 2985 0.0 -0.0
 2406 0.0 -0.0
 2408 0.0 -0.0
 2987 0.0 -0.0

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

 cedime~1 Cent 1.7 19.1 -0.6 19.1 1.7
 -87.91 2985 2.7 35.4 -0.6 35.4 2.7
 -88.89 2406 2.7 2.7 -0.6 3.3 2.1
 -45.33 2408 0.8 2.7 -0.6 2.9 0.6
 -73.40 2987 0.8 35.4 -0.6 35.4 0.7
 -88.95

NODE Mxx Myy Mxy Mmax Mmin
 ANGLE

 Cent 0.1 -0.2 -0.2 0.2 -0.3
 -32.60 2985 -8.8 -2.5 -0.4 -2.5 -8.8
 -86.19 2406 7.6 2.0 -0.1 7.6 2.0
 -0.84 2408 6.0 1.5 -0.2 6.0 1.5
 -2.06 2987 -4.6 -1.7 -0.5 -1.7 -4.7
 -80.31

NODE Vxx Vyy

 Cent -0.0 0.0
 2985 -0.0 0.0
 2406 -0.0 0.0
 2408 -0.0 0.0
 2987 -0.0 0.0

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

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	perm	Cent	-16.0	-113.7	19.6	-12.2	-117.5	
10.94		2985	-14.4	-169.5	19.6	-12.0	-171.9	
7.10		2406	-14.4	-58.0	19.6	-6.9	-65.5	
21.01		2408	-17.6	-58.0	19.6	-9.6	-65.9	
22.09		2987	-17.6	-169.5	19.6	-15.1	-172.0	
7.24								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-3.4	-1.4	-0.1	-1.4	-3.4	
-85.91		2985	1.3	0.1	0.4	1.5	0.0	
16.72		2406	-5.8	-2.0	-0.2	-2.0	-5.8	
-87.22		2408	-2.4	-1.7	-0.5	-1.4	-2.6	
-62.73		2987	-6.9	-1.9	0.1	-1.9	-6.9	
89.07								
		NODE	Vxx	Vyy				

		Cent	0.0	0.0				
		2985	0.0	-0.0				
		2406	0.0	0.0				
		2408	-0.0	0.0				
		2987	-0.0	-0.0				

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	-5.1	-94.0	160.8	116.6	-215.7
37.25			2985	4.2	-133.0	160.8	109.8	-238.6
33.40			2406	4.2	-54.2	160.8	137.7	-187.8
39.83			2408	12.9	-54.2	160.8	142.9	-184.3
39.08			2987	12.9	-133.0	160.8	115.9	-236.0
32.75		Min	Cent	-129.4	-310.8	-89.6	-93.0	-347.1
-22.23			2985	-165.3	-466.6	-89.6	-140.9	-490.9
-15.28			2406	-165.3	-162.6	-89.6	-74.9	-253.0
-45.42			2408	-120.1	-162.6	-89.6	-49.9	-232.9
-38.28			2987	-120.1	-466.6	-89.6	-98.6	-488.2
-13.59								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	142.3	34.9	7.3	142.7	34.4
3.75			2985	555.0	152.7	14.3	555.5	152.2

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2.03			2406	66.7	23.3	8.7	68.3	21.6
10.79			2408	68.2	20.9	8.1	69.5	19.6
9.30			2987	461.0	132.7	14.7	461.7	132.1
2.56								
-80.24	Min	Cent		-76.3	-28.3	-8.5	-26.8	-77.7
-85.22			2985	-167.7	-51.2	-9.8	-50.4	-168.5
-84.95			2406	-239.0	-80.5	-14.2	-79.3	-240.2
-84.92			2408	-228.8	-78.0	-13.7	-76.8	-230.0
-83.89			2987	-142.9	-45.9	-10.5	-44.7	-144.1

	NODE	Vxx	Vyy
Max	Cent	0.8	0.0
	2985	0.9	0.0
	2406	0.9	0.0
	2408	0.8	0.0
	2987	0.8	0.0
Min	Cent	-0.2	-0.0
	2985	-0.2	-0.0
	2406	-0.2	-0.0
	2408	-0.2	-0.0
	2987	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
37.25	INV TO~2	Max	Cent	-5.1	-94.0	160.8	116.6	-215.7
33.40			2985	4.2	-133.0	160.8	109.8	-238.6
39.83			2406	4.2	-54.2	160.8	137.7	-187.8
39.08			2408	12.9	-54.2	160.8	142.9	-184.3
32.75			2987	12.9	-133.0	160.8	115.9	-236.0
-22.23		Min	Cent	-129.4	-474.6	-89.6	-93.0	-483.2
-15.28			2985	-165.3	-695.7	-89.6	-140.9	-701.6
-45.42			2406	-165.3	-253.5	-89.6	-74.9	-270.6
-38.28			2408	-120.1	-253.5	-89.6	-49.9	-269.1
-13.59			2987	-120.1	-695.7	-89.6	-98.6	-701.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
3.75	Max	Cent	142.3	34.9	7.3	142.7	34.4	
2.03			2985	555.0	152.7	14.3	555.5	152.2
10.79			2406	66.7	23.3	8.7	68.3	21.6
9.30			2408	68.2	20.9	8.1	69.5	19.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2.56			2987	461.0	132.7	14.7	461.7	132.1
-80.24		Min	Cent	-76.3	-28.3	-8.5	-26.8	-77.7
-85.22			2985	-167.7	-51.2	-9.8	-50.4	-168.5
-84.95			2406	-239.0	-80.5	-14.2	-79.3	-240.2
-84.92			2408	-228.8	-78.0	-13.7	-76.8	-230.0
-83.89			2987	-142.9	-45.9	-10.5	-44.7	-144.1

	NODE	Vxx	Vyy
Max	Cent	0.8	0.0
	2985	0.9	0.0
	2406	0.9	0.0
	2408	0.8	0.0
	2987	0.8	0.0
Min	Cent	-0.2	-0.0
	2985	-0.2	-0.0
	2406	-0.2	-0.0
	2408	-0.2	-0.0
	2987	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2794	2	15	c mob-a	Max	Cent	90.5	0.6	76.0	133.9	-42.8
29.69					2987	13.0	0.8	76.0	83.2	-69.3
42.70					2408	13.0	10.6	76.0	87.8	-64.2
44.55					2410	180.2	10.6	76.0	209.3	-18.5
20.94					2989	180.2	0.8	76.0	208.1	-27.1
20.14				Min	Cent	-30.8	-155.6	-64.7	-3.4	-183.1
-23.01					2987	-46.5	-233.6	-64.7	-26.3	-253.8
-17.32					2408	-46.5	-82.7	-64.7	2.5	-131.8
-37.17					2410	-49.4	-82.7	-64.7	0.7	-132.8
-37.76					2989	-49.4	-233.6	-64.7	-28.9	-254.0
-17.53										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	23.6	5.6	3.2	24.1	5.1
9.87		2987	280.1	75.8	16.5	281.5	74.5
4.60		2408	32.2	10.6	4.1	32.9	9.8
10.33		2410	10.7	5.4	4.7	13.5	2.6
30.10		2989	18.7	8.6	15.0	29.5	-2.2
35.65							
-78.28	Min	Cent	-54.4	-23.7	-6.6	-22.3	-55.8
		2987	-57.9	-18.0	-6.6	-16.9	-58.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-80.83							
	2408	-151.8	-49.7	-14.7	-47.6	-153.9	
-81.96							
	2410	-49.1	-27.7	-16.5	-18.8	-58.0	
-61.55							
	2989	-109.5	-40.4	-6.3	-39.9	-110.0	
-84.85							

	NODE	Vxx	Vyy
Max	Cent	0.2	0.0
	2987	0.5	0.0
	2408	0.5	0.0
	2410	0.0	0.0
	2989	0.0	0.0
Min	Cent	-0.0	-0.0
	2987	-0.1	-0.0
	2408	-0.1	-0.0
	2410	-0.1	-0.0
	2989	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	85.7	0.4	104.2	155.7	-69.5
33.87			2987	14.5	0.6	104.2	112.0	-96.9
43.09			2408	14.5	10.9	104.2	116.9	-91.5
44.50			2410	172.6	10.9	104.2	223.6	-40.2
26.09			2989	172.6	0.6	104.2	221.7	-48.5
25.23		Min	Cent	-44.4	-164.9	-82.6	-2.4	-206.9
-26.94			2987	-80.1	-249.5	-82.6	-46.5	-283.1
-22.14			2408	-80.1	-90.0	-82.6	-2.3	-167.8
-43.29			2410	-73.4	-90.0	-82.6	1.3	-164.7
-42.14			2989	-73.4	-249.5	-82.6	-40.8	-282.2
-21.59								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	37.6	9.3	4.2	38.2	8.7	
8.36		2987	344.9	93.9	20.3	346.5	92.3	
4.59		2408	47.9	15.8	5.6	48.8	14.8	
9.69		2410	16.2	8.7	6.6	20.0	4.9	
30.21		2989	27.8	12.9	18.7	40.6	0.2	
34.17		Min	Cent	-64.0	-27.8	-6.5	-26.6	-65.1
-80.19		2987	-97.4	-31.4	-8.6	-30.3	-98.5	
-82.70		2408	-167.1	-54.5	-16.2	-52.2	-169.4	
-81.95		2410	-51.9	-30.7	-18.0	-20.4	-62.3	
-60.21								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-83.77 2989 -117.8 -45.5 -8.0 -44.6 -118.7

	NODE	Vxx	Vyy
Max	Cent	0.3	0.0
	2987	0.6	0.0
	2408	0.6	0.0
	2410	0.0	0.0
	2989	0.0	0.0
Min	Cent	-0.1	-0.0
	2987	-0.1	-0.0
	2408	-0.1	-0.0
	2410	-0.1	-0.0
	2989	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3.94	pp	Cent	32.5	-371.0	27.9	34.4	-372.9
2.97		2987	-20.1	-557.7	27.9	-18.7	-559.1
9.39		2408	-20.1	-184.3	27.9	-15.5	-188.9
5.86		2410	85.1	-184.3	27.9	87.9	-187.1
2.48		2989	85.1	-557.7	27.9	86.3	-558.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-83.72	Cent	-28.8	-12.6	-1.8	-12.4	-29.0
88.44	2987	-65.3	-28.8	1.0	-28.7	-65.4
-11.59	2408	34.9	6.9	-6.0	36.1	5.7
-68.97	2410	-28.9	-14.3	-6.6	-11.7	-31.5
89.51	2989	-55.6	-14.3	0.4	-14.3	-55.6

	NODE	Vxx	Vyy
	Cent	-0.1	-0.0
	2987	-0.1	-0.0
	2408	-0.1	0.0
	2410	-0.0	0.0
	2989	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-89.06	vento -y	Cent	2.8	21.1	-0.3	21.1	2.8
-89.21		2987	1.4	23.3	-0.3	23.3	1.4
-89.01		2408	1.4	18.9	-0.3	18.9	1.4
-88.83		2410	4.2	18.9	-0.3	18.9	4.2
		2989	4.2	23.3	-0.3	23.3	4.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.10

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-46.42	Cent	-0.1	-0.1	-0.1	0.0	-0.2
4.58	2987	3.8	1.3	0.2	3.8	1.3
-81.96	2408	-2.2	-0.7	-0.2	-0.6	-2.2
-61.74	2410	-0.7	-0.3	-0.3	-0.2	-0.8
77.56	2989	-1.2	-0.6	0.2	-0.5	-1.3

NODE	Vxx	Vyy
Cent	0.0	0.0
2987	0.0	0.0
2408	0.0	0.0
2410	-0.0	0.0
2989	-0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

89.58	cedime~1	Cent	-3.7	21.1	0.2	21.1	-3.7
89.72		2987	1.4	39.1	0.2	39.1	1.4
84.01		2408	1.4	3.1	0.2	3.1	1.4
89.12		2410	-8.8	3.1	0.2	3.1	-8.8
89.78		2989	-8.8	39.1	0.2	39.1	-8.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-13.63	Cent	2.3	0.5	-0.5	2.4	0.4
-76.51	2987	-4.3	-1.0	-0.9	-0.8	-4.6
-1.55	2408	5.9	1.3	-0.1	5.9	1.3
-5.71	2410	3.2	0.8	-0.2	3.2	0.8
-14.44	2989	4.3	0.8	-1.0	4.5	0.5

NODE	Vxx	Vyy
Cent	-0.0	0.0
2987	-0.0	0.0
2408	-0.0	-0.0
2410	0.0	-0.0
2989	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	perm	Cent	-13.7	-115.9	11.5	-12.4	-117.2	
6.32		2987	-18.2	-175.1	11.5	-17.4	-176.0	
4.16		2408	-18.2	-56.7	11.5	-15.1	-59.9	
15.41		2410	-9.1	-56.7	11.5	-6.5	-59.3	
12.86		2989	-9.1	-175.1	11.5	-8.3	-175.9	
3.93								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-4.7	-2.0	0.1	-2.0	-4.7	
88.37		2987	-7.8	-4.8	-0.0	-4.8	-7.8	
-89.06		2408	-2.2	-1.0	-0.1	-1.0	-2.2	
-87.11		2410	-1.8	-1.1	0.0	-1.1	-1.8	
85.89		2989	-7.2	-1.0	0.1	-1.0	-7.2	
89.46								
		NODE	Vxx	Vyy				

		Cent	-0.0	-0.0				
		2987	-0.0	-0.0				
		2408	-0.0	0.0				
		2410	-0.0	0.0				
		2989	-0.0	-0.0				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	108.5	-94.0	152.3	187.3	-176.5
28.43			2987	2.7	-134.9	152.3	101.0	-233.2
32.84			2408	2.7	-38.9	152.3	135.6	-171.8
41.11			2410	234.2	-38.9	152.3	301.6	-108.4
23.88			2989	234.2	-134.9	152.3	284.7	-190.7
18.35		Min	Cent	-77.3	-338.5	-100.0	-41.2	-372.0
-19.87			2987	-126.4	-512.0	-100.0	-102.0	-536.4
-13.71			2408	-126.4	-178.2	-100.0	-48.9	-255.6
-37.74			2410	-117.0	-178.2	-100.0	-42.0	-250.0
-36.89			2989	-117.0	-512.0	-100.0	-90.9	-535.4
-14.65								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	48.3	11.1	5.8	49.0	10.4
8.03			2987	457.8	121.9	27.4	460.0	119.7
4.63			2408	68.4	21.6	7.6	69.5	20.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.82							
		2410	23.2	11.4	8.9	27.8	6.8
27.92							
		2989	34.7	17.2	25.4	51.9	0.1
35.15							
	Min	Cent	-91.1	-39.5	-9.4	-38.0	-92.6
-80.50							
		2987	-143.7	-48.2	-12.5	-46.6	-145.3
-82.65							
		2408	-227.7	-74.6	-22.1	-71.5	-230.8
-81.99							
		2410	-71.9	-42.6	-24.6	-28.9	-85.6
-60.51							
		2989	-166.2	-62.4	-11.7	-61.3	-167.3
-84.16							

		NODE	Vxx	Vyy
	Max	Cent	0.4	0.0
		2987	0.8	0.0
		2408	0.8	0.0
		2410	0.0	0.0
		2989	0.0	0.0
	Min	Cent	-0.1	-0.0
		2987	-0.2	-0.0
		2408	-0.2	-0.0
		2410	-0.1	-0.0
		2989	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	108.5	-94.0	152.3	187.3	-176.5
28.43								
			2987	2.7	-134.9	152.3	101.0	-233.2
32.84								
			2408	2.7	-38.9	152.3	135.6	-171.8
41.11								
			2410	234.2	-38.9	152.3	301.6	-108.4
23.88								
			2989	234.2	-134.9	152.3	284.7	-190.7
18.35								
		Min	Cent	-77.3	-500.8	-100.0	-41.2	-503.4
-19.87								
			2987	-126.4	-752.8	-100.0	-102.0	-754.8
-13.71								
			2408	-126.4	-248.8	-100.0	-48.9	-255.6
-37.74								
			2410	-117.0	-248.8	-100.0	-42.0	-252.6
-36.89								
			2989	-117.0	-752.8	-100.0	-90.9	-754.5
-14.65								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	48.3	11.1	5.8	49.0	10.4
8.03								
			2987	457.8	121.9	27.4	460.0	119.7
4.63								
			2408	68.4	21.6	7.6	69.5	20.5
8.82								
			2410	23.2	11.4	8.9	27.8	6.8
27.92								
			2989	34.7	17.2	25.4	51.9	0.1
35.15								

PROJECT TITLE :

	Company		Client	
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-80.50	Min	Cent	-91.1	-39.5	-9.4	-38.0	-92.6
-82.65		2987	-143.7	-48.2	-12.5	-46.6	-145.3
-81.99		2408	-227.7	-74.6	-22.1	-71.5	-230.8
-60.51		2410	-71.9	-42.6	-24.6	-28.9	-85.6
-84.16		2989	-166.2	-62.4	-11.7	-61.3	-167.3

	NODE	Vxx	Vyy
Max	Cent	0.4	0.0
	2987	0.8	0.0
	2408	0.8	0.0
	2410	0.0	0.0
	2989	0.0	0.0
Min	Cent	-0.1	-0.0
	2987	-0.2	-0.0
	2408	-0.2	-0.0
	2410	-0.1	-0.0
	2989	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2833	2	15	c mob-a	Max	Cent	2.1	22.8	32.5	46.5	-21.6
53.83					3137	2.1	24.6	32.5	47.7	-21.0
54.54					2558	2.1	35.4	32.5	55.2	-17.7
58.58					2562	3.0	35.4	32.5	55.5	-17.1
58.25					3141	3.0	24.6	32.5	48.0	-20.4
54.17				Min	Cent	-142.2	-30.4	-199.8	121.2	-293.7
-52.82					3137	-154.0	-49.3	-199.8	104.9	-308.2
-52.35					2558	-154.0	-18.4	-199.8	124.7	-297.2
-54.37					2562	-158.6	-18.4	-199.8	123.2	-300.3
-54.67					3141	-158.6	-49.3	-199.8	103.2	-311.1
-52.65										
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
36.17				Max	Cent	4.3	3.4	1.4	5.3	2.3
60.34					3137	13.0	16.1	2.6	17.6	11.5
63.97					2558	3.0	5.9	1.9	6.8	2.1
26.68					2562	4.1	2.6	1.1	4.7	2.0
69.32					3141	7.3	12.5	2.3	13.4	6.4
-75.18				Min	Cent	-20.3	-10.9	-2.7	-10.2	-21.0
-79.95					3137	-53.7	-34.9	-3.5	-34.3	-54.4
					2558	-6.2	-11.6	-2.2	-5.4	-12.4

PROJECT TITLE :

	Company		Client	
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-19.46		2562	-7.7	-6.7	-2.7	-4.5	-10.0
-50.16		3141	-38.9	-17.3	-4.2	-16.5	-39.7
-79.29							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	3137		0.0	0.0
	2558		0.0	0.0
	2562		0.0	0.0
	3141		0.0	0.0
Min	Cent		-0.0	-0.0
	3137		-0.1	-0.0
	2558		-0.1	-0.0
	2562		-0.0	-0.0
	3141		-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.88	c mob-b	Max Cent	3.1	24.1	21.8	37.8	-10.5
58.33		3137	3.2	25.0	21.8	38.4	-10.2
60.80		2558	3.2	29.9	21.8	42.1	-9.0
60.18		2562	4.5	29.9	21.8	42.4	-8.0
57.65		3141	4.5	25.0	21.8	38.8	-9.3
-52.00		Min Cent	-147.4	-41.5	-212.3	124.4	-313.3
-51.41		3137	-153.4	-56.8	-212.3	112.7	-322.8
-53.01		2558	-153.4	-31.4	-212.3	128.5	-313.3
-53.56		2562	-162.3	-31.4	-212.3	125.3	-319.0
-51.98		3141	-162.3	-56.8	-212.3	109.3	-328.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
17.58	Max	Cent	17.5	11.7	2.1	18.2	11.0
15.99		3137	57.4	48.1	2.9	58.2	47.2
76.36		2558	7.3	16.9	2.5	17.5	6.7
13.29		2562	12.6	5.6	1.8	13.0	5.1
34.51		3141	16.0	13.3	3.4	18.3	11.0
-70.32	Min	Cent	-16.9	-9.3	-3.1	-8.2	-18.0
-81.09		3137	-47.6	-26.3	-3.4	-25.8	-48.1
-33.68		2558	-6.1	-9.2	-3.6	-3.7	-11.6
-47.17		2562	-6.8	-6.3	-3.4	-3.1	-9.9
-44.91		3141	-26.8	-26.8	-4.3	-22.4	-31.1

PROJECT TITLE :

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3137	0.1	0.1
	2558	0.1	0.0
	2562	0.0	0.0
	3141	0.0	0.1
Min	Cent	-0.0	-0.0
	3137	-0.1	-0.0
	2558	-0.1	-0.0
	2562	-0.0	-0.0
	3141	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	pp	Cent	-40.8	43.8	-233.2	238.6	-235.5
-50.14		3137	-9.9	52.5	-233.2	256.6	-214.0
-48.81		2558	-9.9	35.2	-233.2	247.0	-221.7
-47.76		2562	-71.6	35.2	-233.2	221.1	-257.5
-51.45		3141	-71.6	52.5	-233.2	231.8	-250.9
-52.45							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	2.9	4.5	-3.1	6.8	0.6
-52.02	3137	7.2	13.4	-2.5	14.3	6.3
-70.48	2558	1.2	5.3	-2.4	6.4	0.1
-65.39	2562	1.6	0.8	-3.2	4.4	-2.0
-41.56	3141	1.7	-1.6	-3.3	3.8	-3.7
-31.58						

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	3137	0.0	0.0
	2558	0.0	0.0
	2562	0.0	0.0
	3141	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	-0.1	0.1	-2.8	2.8	-2.8
-45.97		3137	-0.4	-0.2	-2.8	2.5	-3.1
-46.13		2558	-0.4	0.4	-2.8	2.8	-2.8
-48.92		2562	0.2	0.4	-2.8	3.1	-2.5
-45.81		3141	0.2	-0.2	-2.8	2.9	-2.8
-43.00							

PROJECT TITLE :

	Company		Client	
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-21.15		Cent	-0.0	-0.0	-0.0	-0.0	-0.1
-8.55		3137	-0.1	-0.5	-0.1	-0.1	-0.5
65.43		2558	-0.3	-0.3	0.0	-0.2	-0.3
-85.53		2562	-0.5	-0.2	-0.0	-0.2	-0.5
-24.83		3141	0.9	0.7	-0.1	0.9	0.7

NODE	Vxx	Vyy
Cent	0.0	-0.0
3137	0.0	-0.0
2558	0.0	-0.0
2562	0.0	-0.0
3141	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
36.43	cedime~1	Cent	48.9	-12.9	100.3	123.0	-87.0
41.00		3137	28.6	0.4	100.3	115.8	-86.8
37.35		2558	28.6	-26.3	100.3	105.2	-102.8
32.28		2562	69.2	-26.3	100.3	132.6	-89.6
35.53		3141	69.2	0.4	100.3	140.9	-71.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.63		Cent	22.7	11.1	3.0	23.4	10.4
5.91		3137	39.2	15.2	2.5	39.4	15.0
42.55		2558	6.2	5.8	2.4	8.4	3.7
60.58		2562	4.2	8.4	3.5	10.4	2.3
7.74		3141	41.0	15.0	3.6	41.5	14.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
3137	0.0	0.0
2558	0.0	-0.0
2562	0.0	-0.0
3141	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-49.57	perm	Cent	-17.0	8.1	-78.0	74.5	-83.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-48.59		3137	-10.2	9.4	-78.0	78.2	-79.0
-48.09		2558	-10.2	6.7	-78.0	76.7	-80.2
-50.54		2562	-23.8	6.7	-78.0	70.9	-88.0
-51.03		3141	-23.8	9.4	-78.0	72.5	-86.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-66.61	Cent	1.3	2.0	-0.4	2.2	1.1
-77.84	3137	0.4	2.5	-0.5	2.6	0.3
-78.24	2558	1.2	1.7	-0.1	1.8	1.2
-68.92	2562	0.7	1.5	-0.4	1.7	0.6
-35.94	3141	2.9	2.4	-0.7	3.4	1.9

NODE	Vxx	Vyy
Cent	0.0	0.0
3137	-0.0	0.0
2558	-0.0	0.0
2562	0.0	0.0
3141	0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

-51.49	INV TO~1	Max	Cent	36.2	40.7	66.2	242.2	-29.4
-50.85			3137	22.7	43.6	66.2	229.7	-23.4
-52.02			2558	22.7	54.5	66.2	248.9	-21.3
-52.93			2562	51.4	54.5	66.2	239.7	-27.4
-51.78			3141	51.4	43.6	66.2	220.0	-18.8
-64.02		Min	Cent	-216.0	-60.9	-364.6	57.3	-506.1
-62.87			3137	-218.1	-67.2	-364.6	60.7	-515.0
-65.74			2558	-218.1	-62.0	-364.6	69.8	-502.8
-68.32			2562	-242.9	-62.0	-364.6	68.0	-518.4
-65.90			3141	-242.9	-67.2	-364.6	58.5	-530.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

14.91	Max	Cent	47.6	28.9	5.4	49.0	27.5	
9.56			3137	117.1	82.6	6.0	118.1	81.6
69.81			2558	17.2	30.4	5.6	32.4	15.2
			2562	21.9	17.5	5.4	25.6	13.8

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33.96			3141	65.4	35.4	7.5	67.2	33.6
13.30								
-72.78		Min	Cent	-26.1	-12.6	-4.6	-11.2	-27.5
-79.79								
-27.97			3137	-72.1	-44.6	-5.1	-43.7	-73.1
-51.22								
-70.15			2558	-7.2	-14.0	-5.0	-4.6	-16.6
			2562	-9.7	-7.6	-5.0	-3.6	-13.7
			3141	-49.7	-33.8	-6.6	-31.4	-52.1

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	3137	0.1	0.1
	2558	0.1	0.0
	2562	0.1	0.0
	3141	0.1	0.1
Min	Cent	-0.1	-0.0
	3137	-0.1	-0.0
	2558	-0.1	-0.0
	2562	-0.1	-0.0
	3141	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-50.14	INV TO~2	Max	Cent	36.2	59.2	66.2	322.1	-29.4
-48.81								
-47.76			3137	22.7	70.9	66.2	346.4	-23.4
-51.45								
-52.45			2558	22.7	54.5	66.2	333.4	-21.3
-64.02								
-62.87			2562	51.4	54.5	66.2	298.5	-27.4
-65.74								
-68.32			3141	51.4	70.9	66.2	312.9	-18.8
-65.90								
		Min	Cent	-216.0	-60.9	-364.6	57.3	-506.1
			3137	-218.1	-67.2	-364.6	60.7	-515.0
			2558	-218.1	-62.0	-364.6	69.8	-502.8
			2562	-242.9	-62.0	-364.6	68.0	-518.4
			3141	-242.9	-67.2	-364.6	58.5	-530.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
14.91		Max	Cent	47.6	28.9	5.4	49.0	27.5
9.56								
69.81			3137	117.1	82.6	6.0	118.1	81.6
33.96								
13.30			2558	17.2	30.4	5.6	32.4	15.2
-72.78								
			2562	21.9	17.5	5.4	25.6	13.8
			3141	65.4	35.4	7.5	67.2	33.6
		Min	Cent	-26.1	-12.6	-4.6	-11.2	-27.5

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-79.79	3137	-72.1	-44.6	-5.1	-43.7	-73.1
-27.97	2558	-7.2	-14.0	-5.0	-4.6	-16.6
-51.22	2562	-9.7	-7.6	-5.0	-3.6	-13.7
-70.15	3141	-49.7	-33.8	-6.6	-31.4	-52.1

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	3137	0.1	0.1
	2558	0.1	0.0
	2562	0.1	0.0
	3141	0.1	0.1
Min	Cent	-0.1	-0.0
	3137	-0.1	-0.0
	2558	-0.1	-0.0
	2562	-0.1	-0.0
	3141	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2834	2	15	c mob-a	Max	Cent	0.5	7.8	60.5	64.8	-56.5
46.72					3141	2.4	6.0	60.5	64.8	-56.4
45.83					2562	2.4	17.5	60.5	71.0	-51.1
48.53					2567	2.3	17.5	60.5	70.9	-51.1
48.57					3146	2.3	6.0	60.5	64.7	-56.4
45.87				Min	Cent	-172.8	-22.5	-68.7	4.1	-199.5
-68.78					3141	-158.7	-39.7	-68.7	-8.3	-190.1
-65.44					2562	-158.7	-13.3	-68.7	14.0	-186.0
-68.30					2567	-192.3	-13.3	-68.7	10.0	-215.6
-71.23					3146	-192.3	-39.7	-68.7	-13.3	-218.6
-68.99										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	2.9	1.6	0.9	3.4	1.2
27.45					3141	8.5	9.4	1.9	10.9	6.9
51.45					2562	4.1	4.6	0.9	5.3	3.5
53.33					2567	4.6	2.9	1.1	5.1	2.3
26.22					3146	12.3	6.1	1.8	12.7	5.6
15.24				Min	Cent	-18.7	-7.9	-5.7	-5.5	-21.1
-66.89					3141	-38.3	-18.0	-6.8	-15.9	-40.3
-73.12					2562	-9.3	-9.6	-4.3	-5.1	-13.7
-44.03					2567	-8.3	-5.8	-5.2	-1.7	-12.4

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-51.78
-72.36

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3141	0.0	0.0
	2562	0.0	0.0
	2567	0.0	0.0
Min	3146	0.0	0.0
	Cent	-0.0	-0.0
	3141	-0.0	-0.0
	2562	-0.0	-0.0
	2567	-0.0	-0.0
	3146	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.71	c mob-b	Max	Cent	1.2	10.2	34.5	40.4	-29.1
48.64			3141	3.8	12.6	34.5	43.0	-26.5
49.40			2562	3.8	14.5	34.5	44.0	-25.7
50.47		Min	2567	1.1	14.5	34.5	42.9	-27.3
49.73			3146	1.1	12.6	34.5	41.8	-28.1
-65.09			Cent	-138.2	-12.3	-74.6	22.4	-172.8
-66.06			3141	-161.2	-26.3	-74.6	6.8	-194.3
-67.89			2562	-161.2	-8.0	-74.6	22.3	-191.5
-64.82			2567	-131.5	-8.0	-74.6	27.1	-166.6
-62.60			3146	-131.5	-26.3	-74.6	12.3	-170.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
21.21	Max	Cent	10.9	3.1	3.5	12.2	1.8	
35.18		3141	18.8	15.5	4.6	22.0	12.2	
23.76		2562	14.4	10.1	2.3	15.4	9.0	
20.85		2567	11.8	5.5	2.8	12.9	4.4	
47.50		Min	3146	14.1	15.0	5.0	19.6	9.4
-59.70			Cent	-11.1	-4.8	-5.6	-1.6	-14.3
-64.75	3141		-28.3	-18.6	-5.9	-15.8	-31.1	
-38.56			2562	-8.0	-10.0	-4.4	-4.5	-13.4
-40.84			2567	-3.2	-4.7	-5.2	1.3	-9.3
-51.46			3146	-19.7	-16.4	-7.0	-10.9	-25.3

NODE Vxx Vyy

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```

-----
Max   Cent      0.0      0.0
      3141      0.0      0.0
      2562      0.0      0.0
      2567      0.0      0.0
      3146      0.0      0.0
Min   Cent     -0.0     -0.0
      3141     -0.0     -0.0
      2562     -0.0     -0.0
      2567     -0.0     -0.0
      3146     -0.0     -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.62	pp	Cent	-102.7	7.9	-84.4	53.5	-148.3
-58.19		3141	-82.4	1.3	-84.4	53.6	-134.7
-59.94		2562	-82.4	14.6	-84.4	63.4	-131.2
-64.59		2567	-123.0	14.6	-84.4	54.7	-163.1
-63.19		3146	-123.0	1.3	-84.4	43.9	-165.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-40.05	Cent	2.5	0.8	-4.8	6.5	-3.2
-58.41	3141	5.0	9.3	-4.2	11.8	2.4
-46.10	2562	2.0	2.3	-3.9	6.1	-1.7
-21.61	2567	9.5	-0.3	-4.6	11.3	-2.1
-40.79	3146	-6.6	-8.0	-4.9	-2.4	-12.2

```

-----
      NODE      Vxx      Vyy
      Cent      -0.0      0.0
      3141      0.0      0.0
      2562      0.0      0.0
      2567     -0.0      0.0
      3146     -0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-44.29	vento -y	Cent	-0.2	-0.3	-0.7	0.4	-0.9
-29.75		3141	0.1	-0.7	-0.7	0.5	-1.0
-45.21		2562	0.1	0.1	-0.7	0.8	-0.5
-59.17		2567	-0.6	0.1	-0.7	0.5	-1.0
-43.37		3146	-0.6	-0.7	-0.7	0.0	-1.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

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```

-----
-46.69          Cent      -0.0      0.0      -0.2      0.3      -0.2
-27.64          3141      0.8       0.6     -0.2      0.9       0.5
-63.28          2562     -0.5     -0.2     -0.2     -0.1     -0.6
-50.39          2567     -0.2     -0.1     -0.3      0.1     -0.4
-37.67          3146     -0.1     -0.2     -0.2      0.0     -0.4
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.0      0.0
          3141      0.0      0.0
          2562      0.0      0.0
          2567      0.0      0.0
          3146      0.0      0.0
    
```

```

          ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
          26.70          cedime~1          Cent          56.9          -4.7          41.4          77.7          -25.5
          26.69          3141          71.7          10.1          41.4          92.5          -10.7
          21.13          2562          71.7          -19.5          41.4          87.7          -35.5
          26.70          2567          42.1          -19.5          41.4          62.9          -40.3
          34.46          3146          42.1          10.1          41.4          70.5          -18.3
    
```

```

          ANGLE          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
          21.34          Cent          18.2          7.9          4.8          20.1          6.0
          14.04          3141          43.0          21.7          5.7          44.4          20.3
          64.27          2562          4.8          10.4          3.5          12.1          3.2
          27.82          2567          6.8          0.5          4.6          9.3          -1.9
          17.69          3146          18.2          -1.0          6.8          20.4          -3.2
    
```


```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.0      0.0
          3141      0.0      0.0
          2562      0.0      0.0
          2567      0.0      0.0
          3146      0.0      0.0
    
```

```

          ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
          -61.36          perm          Cent          -33.0          -1.0          -24.9          12.6          -46.6
          -57.47          3141          -26.6          -3.4          -24.9          12.5          -42.5
    
```

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-59.64			2562	-26.6	1.4	-24.9	16.0	-41.2
-64.68			2567	-39.5	1.4	-24.9	13.2	-51.3
-62.96			3146	-39.5	-3.4	-24.9	9.4	-52.2
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-39.42			Cent	1.5	0.9	-1.4	2.6	-0.2
-64.01			3141	3.8	5.5	-1.1	6.0	3.3
-58.23			2562	0.8	1.9	-1.1	2.5	0.1
-16.49			2567	4.1	0.1	-1.3	4.4	-0.3
-35.00			3146	-2.7	-3.7	-1.3	-1.8	-4.6
			NODE	Vxx	Vyy			
			Cent	-0.0	0.0			
			3141	0.0	0.0			
			2562	0.0	0.0			
			2567	-0.0	0.0			
			3146	-0.0	0.0			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

42.47	INV TO~1	Max	Cent	25.5	12.7	98.2	115.4	-70.3
41.16			3141	50.3	23.8	98.2	136.2	-62.1
38.57			2562	50.3	25.0	98.2	128.7	-59.6
44.98			2567	5.6	25.0	98.2	103.8	-70.3
47.64			3146	5.6	23.8	98.2	113.4	-73.4
-67.92		Min	Cent	-266.3	-36.1	-125.6	-2.0	-320.8
-63.36			3141	-244.1	-57.0	-125.6	-4.7	-307.2
-64.51			2562	-244.1	-36.1	-125.6	4.0	-299.8
-71.35			2567	-299.0	-36.1	-125.6	-7.7	-346.8
-70.65			3146	-299.0	-57.0	-125.6	-17.3	-352.4
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

18.74		Max	Cent	34.4	13.1	8.2	37.1	10.3
21.01			3141	72.2	48.1	10.9	76.3	43.9
47.14			2562	25.1	25.9	5.6	31.1	19.8
18.64			2567	26.8	8.0	7.2	29.2	7.0
			3146	34.4	16.5	12.4	40.5	10.8

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26.26								
	Min	Cent	-23.8	-9.7	-9.0	-5.3	-28.2	
-64.04								
			3141	-47.9	-19.6	-10.2	-16.3	-51.2
-72.08								
			2562	-11.7	-11.6	-7.0	-4.7	-18.6
-45.30								
			2567	-7.2	-7.7	-8.4	0.9	-15.8
-44.05								
			3146	-55.7	-28.6	-11.5	-26.6	-59.8
-66.63								

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		3141	0.1	0.1
		2562	0.1	0.0
		2567	0.0	0.0
		3146	0.0	0.1
	Min	Cent	-0.1	-0.0
		3141	-0.1	-0.0
		2562	-0.1	-0.0
		2567	-0.1	-0.0
		3146	-0.1	-0.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	25.5	12.7	98.2	115.4	-70.3
42.47								
			3141	50.3	23.8	98.2	136.2	-62.1
41.16								
			2562	50.3	25.0	98.2	128.7	-59.6
38.57								
			2567	5.6	25.0	98.2	103.8	-70.3
44.98								
			3146	5.6	23.8	98.2	113.4	-73.4
47.64								
		Min	Cent	-266.3	-36.1	-125.6	-2.0	-320.8
-67.92								
			3141	-244.1	-57.0	-125.6	-4.7	-307.2
-63.36								
			2562	-244.1	-36.1	-125.6	4.0	-299.8
-64.51								
			2567	-299.0	-36.1	-125.6	-7.7	-346.8
-71.35								
			3146	-299.0	-57.0	-125.6	-17.3	-352.4
-70.65								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	34.4	13.1	8.2	37.1	10.3
18.74								
			3141	72.2	48.1	10.9	76.3	43.9
21.01								
			2562	25.1	25.9	5.6	31.1	19.8
47.14								
			2567	26.8	8.0	7.2	29.2	7.0
18.64								
			3146	34.4	16.5	12.4	40.5	10.8
26.26								
		Min	Cent	-23.8	-9.7	-9.0	-5.3	-28.2
-64.04								
			3141	-47.9	-19.6	-10.2	-16.3	-51.2
-72.08								

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-45.30	2562	-11.7	-11.6	-7.0	-4.7	-18.6
-44.05	2567	-7.2	-7.7	-8.4	0.9	-15.8
-66.63	3146	-55.7	-28.6	-11.5	-26.6	-59.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3141	0.1	0.1
	2562	0.1	0.0
	2567	0.0	0.0
Min	3146	0.0	0.1
	Cent	-0.1	-0.0
	3141	-0.1	-0.0
	2562	-0.1	-0.0
	2567	-0.1	-0.0
	3146	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2908	1	2	c mob-a	Max	Cent	832.2	17.1	34.1	833.6	15.6
2.39					2712	625.1	27.0	34.1	627.1	25.1
3.25					2714	625.1	17.5	34.1	627.1	15.6
3.20					3233	1043.5	17.5	34.1	1044.6	16.4
1.90					3231	1043.5	27.0	34.1	1044.6	25.9
1.92				Min	Cent	-26.0	-409.1	-1744.1	1537.0	-1972.1
-41.87					2712	-23.4	-534.2	-1744.1	1483.9	-2041.5
-40.83					2714	-23.4	-320.2	-1744.1	1578.6	-1922.2
-42.57					3233	-30.8	-320.2	-1744.1	1574.6	-1925.6
-42.63					3231	-30.8	-534.2	-1744.1	1479.7	-2044.6
-40.89										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	2935.6	22504.8	4474.3	23479.2	1961.1
	2712	9680.5	4615.2	2460.5	10678.9	3616.8
	2714	18654.5	15492.4	7280.5	24523.6	9623.3
	3233	41364.1	69875.2	10233.3	73167.9	38071.4
	3231	11630.3	17939.8	4215.3	20050.2	9519.9
Min	Cent	-17645.7	-6868.2	-1237.2	-6728.0	-17785.9
	2712	-62762.4	-12172.6	-4117.6	-11839.7	-63095.3
	2714	-10636.6	-9633.2	-2239.6	-7839.8	-12430.0
	3233	-8208.2	-11831.3	-1568.9	-7623.2	-12416.3
	3231	-57004.7	-8119.2	-1360.2	-8081.3	-57042.5

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	NODE	Vxx	Vyy
Max	Cent	15.0	6.6
	2712	12.7	8.8
	2714	12.7	11.5
	3233	17.8	11.5
	3231	17.8	8.8
Min	Cent	-86.2	-57.3
	2712	-77.8	-32.7
	2714	-77.8	-86.6
	3233	-94.8	-86.6
	3231	-94.8	-32.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1.79	c mob-b	Max	Cent	815.3	10.5	25.2	816.1	9.7
2.41			2712	615.5	17.3	25.2	616.5	16.2
2.40			2714	615.5	13.9	25.2	616.5	12.8
1.44			3233	1018.5	13.9	25.2	1019.2	13.2
1.44			3231	1018.5	17.3	25.2	1019.2	16.7
-42.51		Min	Cent	-10.0	-302.2	-1676.0	1526.3	-1838.5
-41.34			2712	-11.2	-441.7	-1676.0	1463.3	-1916.3
-43.51			2714	-11.2	-186.0	-1676.0	1579.7	-1776.9
-43.51			3233	-11.8	-186.0	-1676.0	1579.4	-1777.2
-41.35			3231	-11.8	-441.7	-1676.0	1463.0	-1916.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
70.51	Max	Cent	3167.3	14719.6	4673.4	16373.4	1513.5	
17.81		2712	12176.3	3409.3	3140.6	13185.3	2400.4	
38.36		2714	10753.0	7345.6	7222.2	16469.7	1628.9	
70.86		3233	21769.4	40988.3	7583.5	43620.2	19137.4	
59.76		3231	13672.1	16682.4	2657.4	18231.3	12123.2	
-78.29		Min	Cent	-13180.6	-7890.4	-1145.6	-7653.0	-13418.0
-85.74			2712	-41288.2	-9021.3	-2414.1	-8841.7	-41467.8
-55.50			2714	-11561.0	-10436.5	-1464.8	-9429.7	-12567.8
-20.13			3233	-10939.8	-15687.7	-2010.3	-10203.0	-16424.5
-85.88			3231	-32487.0	-8915.9	-1705.4	-8793.1	-32609.7

	NODE	Vxx	Vyy
Max	Cent	19.4	9.6

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	2712	16.5	9.1
	2714	16.5	15.9
	3233	22.6	15.9
	3231	22.6	9.1
Min	Cent	-50.2	-40.5
	2712	-48.2	-27.4
	2714	-48.2	-56.9
	3233	-52.5	-56.9
	3231	-52.5	-27.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-36.34	pp	Cent	2355.7	-628.5	-4785.1	5875.9	-4148.8
-36.81		2712	1761.2	-1053.7	-4785.1	5341.5	-4634.0
-39.20		2714	1761.2	-203.4	-4785.1	5663.8	-4106.0
-35.88		3233	2950.1	-203.4	-4785.1	6411.6	-3664.8
-33.65		3231	2950.1	-1053.7	-4785.1	6135.2	-4238.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

71.67	Cent	-26126.3	2117.4	10509.6	5598.9	-29607.8
88.85	2712	-62435.1	-7572.0	1105.3	-7549.8	-62457.4
51.02	2714	-24615.6	-16720.1	18499.7	-1751.7	-39584.0
61.55	3233	7918.7	34455.4	20354.9	45484.7	-3110.5
82.98	3231	-25373.1	-1693.6	2960.5	-1329.0	-25737.7

NODE	Vxx	Vyy

Cent	-36.5	-34.4
2712	-44.1	2.4
2714	-44.1	-71.2
3233	-29.0	-71.2
3231	-29.0	2.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

56.18	vento -y	Cent	-29.3	2.9	39.2	29.2	-55.6
59.84		2712	-29.7	15.0	39.2	37.8	-52.5
52.36		2714	-29.7	-9.1	39.2	21.1	-59.9
52.09		3233	-28.9	-9.1	39.2	21.4	-59.4
59.62		3231	-28.9	15.0	39.2	38.0	-51.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

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-18.90	Cent	844.9	-620.2	-568.2	1039.4	-814.7
-13.15	2712	993.6	-940.3	-477.7	1105.2	-1051.8
-26.74	2714	1347.3	141.2	-814.2	1757.5	-269.0
-23.87	3233	219.8	-1095.9	-724.1	540.3	-1416.4
-14.45	3231	818.9	-585.9	-387.6	918.7	-685.8

NODE	Vxx	Vyy
Cent	0.2	0.5
2712	-0.2	-0.6
2714	-0.2	1.6
3233	0.6	1.6
3231	0.6	-0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.18	cedime~1	Cent	36.9	-107.1	0.5	36.9	-107.1
0.21		2712	19.1	-108.6	0.5	19.1	-108.6
0.21		2714	19.1	-105.6	0.5	19.1	-105.6
0.17		3233	54.8	-105.6	0.5	54.8	-105.6
0.16		3231	54.8	-108.6	0.5	54.8	-108.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-78.81	Cent	-5014.2	8623.3	-2808.9	9179.2	-5570.1
-78.57	2712	-24782.7	-6101.4	-3939.2	-5304.8	-25579.4
-27.99	2714	11023.7	5899.1	-3795.1	13040.5	3882.2
-83.24	3233	19253.8	28607.1	-1124.2	28740.3	19120.6
-87.71	3231	-25551.4	6088.3	-1268.2	6139.0	-25602.2

NODE	Vxx	Vyy
Cent	-40.9	-26.6
2712	-37.1	-19.7
2714	-37.1	-33.6
3233	-44.8	-33.6
3231	-44.8	-19.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-36.02	perm	Cent	650.9	-180.9	-1283.1	1583.9	-1113.8
-36.48		2712	496.5	-290.5	-1283.1	1445.1	-1239.1
-38.76		2714	496.5	-71.4	-1283.1	1526.7	-1101.6

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-35.57			3233	805.4	-71.4	-1283.1	1723.0	-988.9		
-33.44			3231	805.4	-290.5	-1283.1	1652.7	-1137.8		
			NODE	Mxx	Myy	Mxy	Mmax	Mmin		
ANGLE			-----	-----	-----	-----	-----	-----		
			Cent	-9595.3	846.1	3497.3	1909.3	-10658.4		
73.09			2712	-22459.3	-3862.2	695.4	-3836.3	-22485.3		
87.86			2714	-7131.0	-4397.3	5723.4	120.2	-11648.5		
51.72			3233	2502.5	11311.7	6394.1	14671.4	-857.2		
62.28			3231	-11293.3	332.4	1366.1	490.7	-11451.7		
83.39			NODE	Vxx	Vyy					
			-----	-----	-----					
			Cent	-15.0	-12.6					
			2712	-17.2	-3.1					
			2714	-17.2	-22.0					
			3233	-12.9	-22.0					
			3231	-12.9	-3.1					
			NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
ANGLE			-----	-----	-----	-----	-----	-----		
			LC							
			-----	-----	-----	-----	-----	-----		
			INV TO~1	Max	Cent	1811.3	-157.9	-1236.6	3641.0	-761.4
-39.75					2712	1359.5	-254.0	-1236.6	3438.5	-928.5
-39.26					2714	1359.5	-47.7	-1236.6	3650.4	-772.1
-41.21					3233	2268.9	-47.7	-1236.6	3822.6	-592.9
-40.06					3231	2268.9	-254.0	-1236.6	3620.5	-767.3
-38.14				Min	Cent	615.9	-840.4	-3637.7	2377.9	-3806.8
-26.01					2712	464.9	-1120.2	-3637.7	2005.3	-4042.7
-27.57					2714	464.9	-609.3	-3637.7	2052.7	-3740.7
-29.27					3233	763.9	-609.3	-3637.7	2759.3	-3601.9
-23.78					3231	763.9	-1120.2	-3637.7	2727.4	-3915.0
-22.53					NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE			-----	-----	-----	-----	-----	-----	-----	-----
			Max	Cent	-5319.4	39850.9	9806.3	40808.3	-7784.4	
82.21					2712	-6021.3	2368.3	4935.2	4650.6	-8303.5
65.18					2714	29076.3	22416.5	15552.1	37965.8	13527.0
37.09					3233	77597.9	134250.3	20209.1	140079.7	71768.5
73.01					3231	7164.0	30639.4	7056.8	31313.6	4660.4
83.36			Min	Cent	-38431.1	-9806.0	-981.9	-9665.4	-38457.0	

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85.60							
-85.27		2712	-131971.3	-26396.7	-8802.5	-25667.8	-132700.2
64.11		2714	-22738.3	-18486.5	-1095.2	-17176.0	-24048.9
54.03		3233	-12266.2	-9866.7	2556.0	-7195.7	-14937.2
-89.30		3231	-113801.0	-11704.1	-2204.4	-11692.6	-113845.9

	NODE	Vxx	Vyy
Max	Cent	11.2	0.4
	2712	5.2	9.2
	2714	5.2	-0.5
	3233	17.7	-0.5
Min	3231	17.7	9.2
	Cent	-172.3	-116.5
	2712	-159.3	-66.9
	2714	-159.3	-172.4
	3233	-185.6	-172.4
	3231	-185.6	-66.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-36.34	INV TO~2	Max	Cent	3180.1	-157.9	-1236.6	7932.5	-761.4
-36.81			2712	2377.6	-254.0	-1236.6	7211.1	-928.5
-39.20		2714	2377.6	-47.7	-1236.6	7646.1	-772.1	
-35.88		3233	3982.7	-47.7	-1236.6	8655.6	-592.9	
-33.65		3231	3982.7	-254.0	-1236.6	8282.5	-767.3	
-26.01		Min	Cent	615.9	-848.5	-6459.9	2377.9	-5600.8
-27.57			2712	464.9	-1422.4	-6459.9	2005.3	-6255.9
-29.27			2714	464.9	-609.3	-6459.9	2052.7	-5543.1
-23.78			3233	763.9	-609.3	-6459.9	2759.3	-4947.5
-22.53			3231	763.9	-1422.4	-6459.9	2727.4	-5722.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
82.21	Max	Cent	-5319.4	39850.9	14187.9	40808.3	-7784.4
65.18		2712	-6021.3	2368.3	4935.2	4650.6	-8303.5
37.09		2714	29076.3	22416.5	24974.6	37965.8	13527.0
73.01		3233	77597.9	134250.3	27479.2	140079.7	71768.5
83.36		3231	7164.0	30639.4	7056.8	31313.6	4660.4
85.60	Min	Cent	-38431.1	-9806.0	-981.9	-9665.4	-39970.5
-85.27		2712	-131971.3	-26396.7	-8802.5	-25667.8	-132700.2
64.11		2714	-33231.0	-22572.2	-1095.2	-17176.0	-53438.5

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54.03	3233	-12266.2	-9866.7	2556.0	-7195.7	-14937.2
-89.30	3231	-113801.0	-11704.1	-2204.4	-11692.6	-113845.9

	NODE	Vxx	Vyy
Max	Cent	11.2	0.4
	2712	5.2	9.2
	2714	5.2	-0.5
	3233	17.7	-0.5
	3231	17.7	9.2
Min	Cent	-172.3	-116.5
	2712	-159.3	-66.9
	2714	-159.3	-172.4
	3233	-185.6	-172.4
	3231	-185.6	-66.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2909	1	2	c mob-a	Max	Cent	584.5	14.9	42.6	587.7	11.8
4.25					2714	459.6	18.1	42.6	463.6	14.1
5.46					2716	459.6	28.4	42.6	463.7	24.2
5.59					3235	711.9	28.4	42.6	714.5	25.8
3.55					3233	711.9	18.1	42.6	714.5	15.5
3.50				Min	Cent	-31.5	-318.4	-1970.5	1800.8	-2150.7
-42.92					2714	-30.7	-354.9	-1970.5	1784.4	-2169.9
-42.65					2716	-30.7	-290.0	-1970.5	1814.4	-2135.1
-43.12					3235	-42.0	-290.0	-1970.5	1808.4	-2140.4
-43.20					3233	-42.0	-354.9	-1970.5	1778.3	-2175.1
-42.73										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	23216.6	43535.0	12188.6	49243.1	17508.5
	2714	14478.4	14686.5	11095.5	25678.4	3486.4
	2716	27001.7	30916.6	12478.8	41590.5	16327.8
	3235	29719.9	68664.9	12306.7	72227.9	26156.9
	3233	30081.4	66863.5	12558.9	70742.5	26202.3
Min	Cent	-7441.1	-9805.2	-768.1	-7213.4	-10032.9
	2714	-11065.9	-9655.1	-601.3	-9433.7	-11287.4
	2716	-6917.1	-6126.7	-975.9	-5469.0	-7574.8
	3235	-11375.9	-16802.6	-965.5	-11209.2	-16969.3
	3233	-4715.9	-10999.1	-1043.8	-4547.0	-11167.9

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	NODE	Vxx	Vyy
Max	Cent	10.6	12.5
	2714	3.7	11.5
	2716	3.7	16.9
	3235	22.1	16.9
	3233	22.1	11.5
Min	Cent	-13.2	-70.6
	2714	-17.1	-86.6
	2716	-17.1	-60.6
	3235	-13.5	-60.6
	3233	-13.5	-86.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3.31	c mob-b	Max	Cent	572.4	10.1	32.6	574.3	8.2
4.24			2714	452.9	15.6	32.6	455.3	13.2
4.28			2716	452.9	19.5	32.6	455.4	17.1
2.75			3235	695.9	19.5	32.6	697.5	17.9
2.74			3233	695.9	15.6	32.6	697.4	14.0
-43.89		Min	Cent	-13.6	-160.8	-1904.9	1819.1	-1993.5
-43.44			2714	-13.3	-221.3	-1904.9	1790.4	-2025.0
-44.14			2716	-13.3	-127.2	-1904.9	1835.5	-1976.0
-44.17			3235	-17.2	-127.2	-1904.9	1833.5	-1977.8
-43.47			3233	-17.2	-221.3	-1904.9	1788.3	-2026.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
56.59	Max	Cent	11119.4	21269.9	11851.9	29087.5	3301.8	
43.08		2714	8276.9	6839.0	10699.2	18281.2	-3165.4	
48.77		2716	11087.0	14391.5	12482.9	25331.0	147.5	
64.61		3235	7203.5	26901.1	12067.5	32628.7	1475.9	
66.69		3233	21340.3	40806.5	10301.2	45245.5	16901.3	
-15.22		Min	Cent	-9176.5	-12073.5	-851.5	-8944.8	-12305.3
-69.80			2714	-11920.6	-10438.1	-631.0	-10206.0	-12152.8
-63.99			2716	-8672.5	-7608.3	-681.8	-7275.6	-9005.3
-8.53			3235	-13722.3	-20895.9	-1101.2	-13557.0	-21061.1
-8.21			3233	-5369.0	-14599.6	-1359.7	-5172.9	-14795.8

	NODE	Vxx	Vyy
Max	Cent	10.3	16.8
	2714	4.6	15.9
	2716	4.6	21.2

PROJECT TITLE :

	Company		Client	
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	3235	19.5	21.2
	3233	19.5	15.9
Min	Cent	-3.8	-37.8
	2714	-8.2	-56.9
	2716	-8.2	-22.3
	3235	-2.9	-22.3
	3233	-2.9	-56.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	1636.3	-216.8	-5488.1	6275.5	-4855.9
-40.21		2714	1284.2	-347.2	-5488.1	6016.8	-5079.9
-40.77		2716	1284.2	-86.3	-5488.1	6129.6	-4931.7
-41.44		3235	1988.5	-86.3	-5488.1	6536.4	-4634.1
-39.65		3233	1988.5	-347.2	-5488.1	6431.6	-4790.3
-38.99							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-6852.7	7057.2	33697.4	34509.8	-34305.4
50.83	2714	-25650.4	-16927.1	30435.4	9457.6	-52035.1
49.08	2716	-650.4	7024.2	35466.8	38860.7	-32486.9
48.09	3235	-8258.8	3830.3	34332.4	32646.2	-37074.8
49.99	3233	7148.7	34301.4	29301.0	53018.5	-11568.4
57.43						

NODE	Vxx	Vyy

Cent	-5.6	-34.3
2714	-20.8	-71.2
2716	-20.8	2.7
3235	9.6	2.7
3233	9.6	-71.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-20.9	-6.0	34.5	21.9	-48.8
51.12		2714	-23.1	-7.4	34.5	20.2	-50.7
51.38		2716	-23.1	-4.5	34.5	22.0	-49.5
52.52		3235	-18.8	-4.5	34.5	23.6	-46.9
50.85		3233	-18.8	-7.4	34.5	21.9	-48.1
49.68							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	444.6	-371.0	-1185.0	1290.0	-1216.4
-35.50						

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-33.47		2714	1043.7	80.5	-1130.9	1791.2	-667.1
-41.22		2716	248.1	-96.2	-1297.0	1384.3	-1232.4
-38.99		3235	108.7	-404.1	-1203.4	1082.7	-1378.0
-27.60		3233	378.0	-1064.2	-1037.3	920.1	-1606.4

NODE	Vxx	Vyy
Cent	0.6	1.0
2714	0.8	1.6
2716	0.8	0.4
3235	0.4	0.4
3233	0.4	1.6


ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.20	cedime~1	Cent	21.0	-79.7	-29.5	29.0	-87.7
-13.64		2714	5.7	-108.8	-29.5	12.9	-116.0
-23.21		2716	5.7	-50.5	-29.5	18.4	-63.2
-17.11		3235	36.3	-50.5	-29.5	45.4	-59.6
-11.07		3233	36.3	-108.8	-29.5	42.1	-114.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-78.92	Cent	11719.8	18541.0	-1388.7	18812.9	11448.0
-26.59	2714	8010.3	5296.4	-1813.0	8917.9	4388.8
-46.19	2716	12815.7	13027.0	-2547.8	15471.4	10371.3
-85.06	3235	11002.2	28074.3	-1487.6	28202.9	10873.5
-86.62	3233	15051.2	27766.6	-752.7	27811.0	15006.8

NODE	Vxx	Vyy
Cent	0.4	-29.1
2714	-3.4	-33.6
2716	-3.4	-24.6
3235	4.2	-24.6
3233	4.2	-33.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-39.93	perm	Cent	453.2	-75.5	-1478.5	1690.8	-1313.1
-40.45		2714	363.0	-110.9	-1478.5	1623.4	-1371.3
-41.12		2716	363.0	-40.1	-1478.5	1653.6	-1330.8
-39.42		3235	543.4	-40.1	-1478.5	1758.6	-1255.4

PROJECT TITLE :

		Company			Client			
		Author			File Name	impalcatoUP8-UP9-rev6-OUT.anl		
-38.76			3233	543.4	-110.9	-1478.5	1730.5	-1298.0
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

51.91			Cent	-1895.2	3140.3	10236.3	11163.9	-9918.8
50.00			2714	-7798.4	-4530.7	9263.7	3242.2	-15571.3
48.81			2716	378.8	3219.7	10626.7	12520.5	-8922.0
51.51			3235	-2152.9	2662.9	10411.3	10941.1	-10431.1
58.50			3233	1991.6	11209.5	9048.3	16755.0	-3554.0
			NODE	Vxx	Vyy			

			Cent	-2.2	-10.9			
			2714	-6.8	-22.0			
			2716	-6.8	0.1			
			3235	2.5	0.1			
			3233	2.5	-22.0			
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

-41.52	INV TO~1	Max	Cent	1263.3	-55.4	-1421.0	4122.4	-968.7
-41.86			2714	989.1	-86.4	-1421.0	4029.5	-1069.9
-42.23			2716	989.1	-1.8	-1421.0	4110.3	-1013.2
-41.56			3235	1540.7	-1.8	-1421.0	4218.8	-856.9
-40.83			3233	1540.7	-86.4	-1421.0	4124.9	-919.5
-32.73		Min	Cent	410.7	-585.0	-4168.2	2155.6	-4275.8
-33.90			2714	321.5	-698.8	-4168.2	1963.6	-4385.5
-35.44			2716	321.5	-482.2	-4168.2	1994.7	-4265.3
-31.04			3235	486.7	-482.2	-4168.2	2359.5	-4178.0
-30.38			3233	486.7	-698.8	-4168.2	2337.5	-4300.6
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

63.91		Max	Cent	41167.1	80453.6	26690.9	92842.5	28778.1
45.53			2714	19757.7	20592.4	24242.7	42608.7	-2258.6
49.75			2716	49646.9	57984.0	27478.6	79092.3	28538.6
72.78			3235	48971.1	123434.8	27025.3	131351.4	41054.5
72.40			3233	57652.6	129241.8	26002.8	137251.5	49642.9
46.77		Min	Cent	-14283.5	-13158.9	7698.1	-4617.1	-22825.4
			2714	-23891.2	-18622.2	6599.0	-12441.9	-30071.5

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53.69							
	2716	-11329.1	-7051.6	6761.4	361.4	-18742.1	
51.47							
	3235	-20678.0	-25546.6	7437.1	-13861.6	-32363.0	
37.37							
	3233	-5256.6	-8500.0	6460.0	514.5	-14271.1	
38.66							

	NODE	Vxx	Vyy
Max	Cent	12.6	11.7
	2714	-0.6	-0.5
	2716	-0.6	28.7
	3235	36.5	28.7
	3233	36.5	-0.5
Min	Cent	-20.0	-135.3
	2714	-33.3	-172.4
	2716	-33.3	-106.3
	3235	-15.7	-106.3
	3233	-15.7	-172.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	2209.1	-55.4	-1421.0	8471.9	-968.7
-40.21			2714	1733.6	-86.4	-1421.0	8122.7	-1069.9
-40.77			2716	1733.6	-1.8	-1421.0	8275.0	-1013.2
-41.44			3235	2684.5	-1.8	-1421.0	8824.1	-856.9
-39.65			3233	2684.5	-86.4	-1421.0	8682.6	-919.5
-38.99		Min	Cent	410.7	-585.0	-7408.9	2155.6	-6555.5
-32.73			2714	321.5	-698.8	-7408.9	1963.6	-6857.8
-33.90			2716	321.5	-482.2	-7408.9	1994.7	-6657.8
-35.44			3235	486.7	-482.2	-7408.9	2359.5	-6256.1
-31.04			3233	486.7	-698.8	-7408.9	2337.5	-6466.9
-30.38								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

		Max	Cent	41167.1	80453.6	45491.5	92842.5	28778.1
63.91			2714	19757.7	20592.4	41087.8	42608.7	-2258.6
45.53			2716	49646.9	57984.0	47880.2	79092.3	28538.6
49.75			3235	48971.1	123434.8	46348.8	131351.4	41054.5
72.78			3233	57652.6	129241.8	39556.4	137251.5	49642.9
72.40		Min	Cent	-14283.5	-13158.9	7698.1	-4617.1	-46312.3
46.77			2714	-34628.1	-22851.6	6599.0	-12441.9	-70247.4
53.69			2716	-11329.1	-7051.6	6761.4	361.4	-43857.3
51.47			3235	-20678.0	-25546.6	7437.1	-13861.6	-50050.9
37.37								

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Max	Cent	58.1	9.2
	2715	53.4	15.1
Min	2713	53.4	8.6
	3232	62.9	8.6
	3234	62.9	15.1
	Cent	-20.1	-34.6
	2715	-17.3	-52.9
	2713	-17.3	-19.8
	3232	-23.3	-19.8
	3234	-23.3	-52.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.83	c mob-b	Max Cent	700.7	17.4	1336.4	1738.4	-1020.3
39.98		2715	488.7	15.9	1336.4	1609.4	-1104.8
40.10		2713	488.7	27.3	1336.4	1614.2	-1098.1
35.78		3232	918.0	27.3	1336.4	1881.3	-935.9
35.67		3234	918.0	15.9	1336.4	1877.4	-943.5
-6.33		Min Cent	-20.8	-283.6	-29.5	-17.6	-286.8
-7.60		2715	-25.6	-242.7	-29.5	-21.6	-246.6
-5.12		2713	-25.6	-352.2	-29.5	-22.9	-354.8
-5.11		3232	-25.0	-352.2	-29.5	-22.4	-354.8
-7.58		3234	-25.0	-242.7	-29.5	-21.1	-246.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
48.33	Max Cent	5901.9	7225.4	5673.3	12275.4	852.0	
37.05		2715	7081.9	4228.4	5009.8	10864.2	446.1
30.65		2713	11883.2	3939.1	7256.0	16183.2	-360.9
29.54		3232	13359.0	5835.9	6279.1	16917.1	2277.9
63.24		3234	13925.1	19929.7	4061.1	21977.7	11877.0
-62.31		Min Cent	-9274.3	-7922.1	-979.4	-7408.1	-9788.3
-10.65		2715	-3832.6	-8660.8	-941.1	-3655.7	-8837.8
-85.65		2713	-25551.9	-11450.0	-1078.2	-11368.0	-25633.9
-84.53		3232	-22206.5	-10628.4	-1119.8	-10521.1	-22313.8
-19.76		3234	-5855.3	-10427.3	-1885.7	-5177.9	-11104.7

Max	Cent	Vxx	Vyy
	2715	32.5	5.8
	2713	30.8	10.1
	3232	30.8	7.2
	3234	34.2	7.2
		34.2	10.1

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Min	Cent	-15.1	-19.3
	2715	-12.7	-31.5
	2713	-12.7	-10.4
	3232	-17.7	-10.4
	3234	-17.7	-31.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.86	pp	Cent	1922.7	-551.1	3744.8	4629.6	-3258.0
38.98		2715	1301.4	-295.9	3744.8	4331.8	-3326.3
37.14		2713	1301.4	-806.3	3744.8	4137.8	-3642.7
32.95		3232	2544.1	-806.3	3744.8	4971.3	-3233.5
34.62		3234	2544.1	-295.9	3744.8	5129.1	-2880.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.34	Cent	-15082.3	-8284.5	15097.4	3791.9	-27158.7
28.96	2715	542.4	-15249.1	12599.0	7515.3	-22222.1
61.95	2713	-47319.6	-20055.6	20291.2	-9242.5	-58132.8
56.11	3232	-31104.8	-17120.4	17110.2	-5628.8	-42596.4
47.63	3234	17552.9	19287.0	9418.0	27877.8	8962.1

NODE	Vxx	Vyy
Cent	49.0	-24.6
2715	52.1	-49.6
2713	52.1	0.5
3232	46.0	0.5
3234	46.0	-49.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.48	vento -y	Cent	23.3	-3.1	28.2	41.2	-21.0
36.90		2715	25.4	9.0	28.2	46.5	-12.2
27.16		2713	25.4	-15.1	28.2	39.8	-29.6
28.61		3232	21.2	-15.1	28.2	36.6	-30.5
38.90		3234	21.2	9.0	28.2	43.9	-13.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-70.62	Cent	-1192.1	913.2	-844.9	1210.3	-1489.2
-61.32	2715	-730.1	669.0	-1092.4	1266.7	-1327.7

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-79.10		2713	-2498.4	708.0	-641.3	831.5	-2621.9
-77.29		3232	-1545.7	951.0	-593.5	1084.9	-1679.6
-61.13		3234	5.8	1324.8	-1044.6	1900.6	-570.1

NODE	Vxx	Vyy
Cent	1.8	-0.4
2715	2.0	-0.8
2713	2.0	-0.1
3232	1.6	-0.1
3234	1.6	-0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.35	cedime~1	Cent	106.8	-21.0	233.5	285.0	-199.2
41.05		2715	90.2	25.3	233.5	293.5	-178.0
35.69		2713	90.2	-67.3	233.5	257.9	-235.0
33.90		3232	123.3	-67.3	233.5	280.3	-224.2
39.07		3234	123.3	25.3	233.5	312.9	-164.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-67.41	Cent	-91.8	3327.1	-1720.3	4042.9	-807.5
-62.83	2715	-2788.6	746.3	-2462.8	2010.2	-4052.5
-73.39	2713	580.1	4807.2	-1383.7	5219.8	167.5
-61.42	3232	1779.6	3235.9	-1128.2	3850.5	1165.0
-67.64	3234	61.8	4519.3	-2207.2	5427.3	-846.2

NODE	Vxx	Vyy
Cent	-2.5	-1.1
2715	-2.8	-5.1
2713	-2.8	2.9
3232	-2.2	2.9
3234	-2.2	-5.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
36.55	perm	Cent	459.7	-140.5	988.3	1192.5	-873.3
39.80		2715	293.7	-69.3	988.3	1117.1	-892.7
37.83		2713	293.7	-211.8	988.3	1061.1	-979.2
33.52		3232	625.8	-211.8	988.3	1280.4	-866.4
35.31		3234	625.8	-69.3	988.3	1325.9	-769.4

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.52		Cent	-1111.2	-347.7	4336.2	3623.5	-5082.4
31.49		2715	1504.9	-2367.9	3795.8	3829.7	-4692.7
56.74		2713	-7678.8	-2793.7	5624.3	895.5	-11368.0
47.55		3232	-3437.1	-2582.5	4781.6	1790.9	-7810.4
50.68		3234	5166.1	6353.2	2953.1	8771.8	2747.5
		NODE	Vxx	Vyy			
		Cent	8.8	-5.9			
		2715	10.1	-12.7			
		2713	10.1	1.0			
		3232	7.6	1.0			
		3234	7.6	-12.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.27	INV TO~1 Max	Cent	1561.9	-117.0	3072.8	3900.1	-1177.4
39.92		2715	1083.9	-18.1	3072.8	3654.7	-1131.7
38.91		2713	1083.9	-174.9	3072.8	3564.3	-1354.5
34.79		3232	2045.9	-174.9	3072.8	4180.7	-1278.7
35.72		3234	2045.9	-18.1	3072.8	4255.3	-1037.8
30.53	Min	Cent	420.6	-642.4	942.6	976.6	-2476.2
34.28		2715	251.0	-489.2	942.6	893.6	-2588.8
30.42		2713	251.0	-868.4	942.6	804.4	-2722.6
26.87		3232	581.7	-868.4	942.6	1059.2	-2377.0
30.20		3234	581.7	-489.2	942.6	1130.3	-2227.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.13	Max	Cent	6856.4	22207.5	12246.1	27540.3	1431.8
36.54		2715	17889.2	11754.1	11306.1	26266.6	4427.1
40.52		2713	12702.9	7851.6	16756.9	25840.7	-5286.2
40.90		3232	19962.7	16333.4	13735.8	30885.6	5410.5
74.62		3234	40072.8	63765.8	9255.2	65703.9	38134.7
68.32	Min	Cent	-18781.9	-14004.1	492.8	-13124.1	-19570.1
-3.84		2715	-8503.4	-16383.0	-480.7	-8471.2	-16739.3
		2713	-65276.1	-20761.1	2323.2	-20454.5	-65582.7

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.27							
		3232	-56975.2	-19906.3	597.2	-19826.1	-57055.3
87.34							
		3234	-6938.6	-14159.1	-4503.4	-6270.3	-14827.5
-16.23							

		NODE	Vxx	Vyy
Max	Cent		87.3	6.6
	2715		82.2	7.6
	2713		82.2	15.5
	3232		92.5	15.5
	3234		92.5	7.6
Min	Cent		-20.9	-53.7
	2715		-16.1	-89.2
	2713		-16.1	-25.7
	3232		-26.1	-25.7
	3234		-26.1	-89.2

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~2	Max	Cent	2595.7	-117.0	5055.5	6250.0	-1177.4
35.86			2715	1756.9	-18.1	5055.5	5847.9	-1131.7
38.98			2713	1756.9	-174.9	5055.5	5586.1	-1354.5
37.14			3232	3434.5	-174.9	5055.5	6711.3	-1278.7
32.95			3234	3434.5	-18.1	5055.5	6924.2	-1037.8
34.62		Min	Cent	420.6	-744.0	942.6	976.6	-4398.3
30.53			2715	251.0	-489.2	942.6	893.6	-4490.5
34.28			2713	251.0	-1088.4	942.6	804.4	-4917.6
30.42			3232	581.7	-1088.4	942.6	1059.2	-4365.2
26.87			3234	581.7	-489.2	942.6	1130.3	-3889.2
30.20								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	6856.4	22207.5	20381.5	27540.3	1431.8
63.13			2715	17889.2	11754.1	17008.6	26266.6	4427.1
36.54			2713	12702.9	7851.6	27393.2	25840.7	-5286.2
40.52			3232	19962.7	16333.4	23098.8	30885.6	5410.5
40.90			3234	40072.8	63765.8	12714.3	65703.9	38134.7
74.62		Min	Cent	-20361.1	-14004.1	492.8	-13124.1	-36664.2
68.32			2715	-8503.4	-20586.3	-480.7	-8471.2	-29999.8
-3.84			2713	-65276.1	-27075.1	2323.2	-20454.5	-78479.2
85.27			3232	-56975.2	-23112.5	597.2	-19826.1	-57505.1
87.34			3234	-6938.6	-14159.1	-4503.4	-6270.3	-14827.5
-16.23								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	87.3	6.6
	2715	82.2	7.6
	2713	82.2	15.5
	3232	92.5	15.5
Min	3234	92.5	7.6
	Cent	-20.9	-53.7
	2715	-16.1	-89.2
	2713	-16.1	-25.7
	3232	-26.1	-25.7
	3234	-26.1	-89.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2939	1	2	c mob-a	Max	Cent	530.5	15.2	1615.2	1908.5	-1362.7
40.47					2717	382.7	27.9	1615.2	1830.2	-1419.6
41.87					2715	382.7	20.3	1615.2	1826.8	-1423.8
41.80					3234	682.0	20.3	1615.2	1999.9	-1297.6
39.21					3236	682.0	27.9	1615.2	2002.9	-1293.0
39.28				Min	Cent	-31.1	-295.2	-48.7	-22.4	-303.9
-10.12					2717	-37.4	-263.0	-48.7	-27.4	-273.1
-11.68					2715	-37.4	-339.8	-48.7	-29.8	-347.4
-8.93					3234	-36.6	-339.8	-48.7	-28.9	-347.4
-8.91					3236	-36.6	-263.0	-48.7	-26.5	-273.0
-11.64										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
75.86				Max	Cent	14324.0	25857.4	3101.7	26638.7	13542.8
49.38					2717	17455.1	18409.3	3094.5	21063.3	14801.2
44.89					2715	9463.9	9439.5	3264.6	12716.3	6187.1
78.77					3234	21516.7	38241.0	3455.9	38927.0	20830.8
81.82					3236	19734.9	41477.1	3189.5	41935.4	19276.7
-20.27				Min	Cent	-5580.1	-12174.3	-2820.6	-4538.2	-13216.2
-40.40					2717	-6944.8	-7666.3	-2227.3	-5049.3	-9561.9
-21.94					2715	-6255.8	-10588.6	-2083.1	-5416.8	-11427.6
-20.85					3234	-5302.3	-14134.6	-3933.5	-3804.5	-15632.4
-19.11					3236	-9754.9	-18995.3	-3638.3	-8494.4	-20255.8

	NODE	Vxx	Vyy
Max	Cent	12.8	15.8
	2717	12.5	17.0

PROJECT TITLE :

	Company		Client	
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	2715	12.5	15.1
	3234	15.5	15.1
	3236	15.5	17.0
Min	Cent	-9.7	-42.5
	2717	-5.2	-35.9
	2715	-5.2	-52.9
	3234	-18.6	-52.9
	3236	-18.6	-35.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

40.58	c mob-b	Max Cent	502.6	14.3	1568.4	1845.8	-1328.8
41.97		2717	360.4	27.9	1568.4	1771.4	-1383.0
41.87		2715	360.4	16.6	1568.4	1766.3	-1389.3
39.30		3234	648.7	16.6	1568.4	1932.6	-1267.3
39.40		3236	648.7	27.9	1568.4	1937.1	-1260.6
-8.76		Min Cent	-17.5	-238.0	-34.8	-12.2	-243.3
-10.30		2717	-32.3	-217.4	-34.8	-25.9	-223.7
-8.18		2715	-32.3	-269.2	-34.8	-27.2	-274.2
-7.81		3234	-20.2	-269.2	-34.8	-15.4	-273.9
-9.72		3236	-20.2	-217.4	-34.8	-14.3	-223.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

58.71	Max Cent	6921.5	10942.1	3874.7	13296.9	4566.6	
46.50		2717	7300.7	7716.4	3961.0	11475.0	3542.1
39.80		2715	5553.2	4093.1	3976.3	8865.9	780.3
63.32		3234	13975.2	19879.4	3969.3	21874.0	11980.6
67.71		3236	7666.0	15633.1	3925.6	17242.3	6056.8
-21.17	Min Cent	-3751.3	-8678.1	-2244.9	-2881.8	-9547.6	
-39.80		2717	-4738.0	-5496.7	-2066.5	-3016.3	-7218.4
-19.40		2715	-4840.9	-8877.2	-1623.0	-4269.2	-9448.8
-16.29		3234	-3126.2	-9730.3	-2109.3	-2510.0	-10346.5
-17.95		3236	-6719.6	-13386.7	-2413.0	-5937.9	-14168.3

	NODE	Vxx	Vyy

Max	Cent	6.4	10.8
	2717	7.4	11.9
	2715	7.4	10.1
	3234	7.6	10.1
	3236	7.6	11.9
Min	Cent	-7.1	-21.2
	2717	-4.2	-12.6

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	Company		Client	
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2715 -4.2 -31.5
 3234 -13.2 -31.5
 3236 -13.2 -12.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

39.94	pp	Cent	1358.8	-237.8	4471.3	5102.5	-3981.4
41.79		2717	940.4	-66.8	4471.3	4936.3	-4062.7
40.71		2715	940.4	-408.7	4471.3	4787.7	-4256.0
38.13		3234	1777.2	-408.7	4471.3	5287.2	-3918.6
39.17		3236	1777.2	-66.8	4471.3	5420.5	-3710.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

22.19	Cent	7603.8	4660.3	1440.1	8191.2	4072.9
13.59	2717	10149.8	5406.3	1217.7	10444.1	5112.0
21.21	2715	-5096.9	-16377.0	5154.3	-3096.5	-18377.4
41.87	3234	20702.5	19916.9	3578.7	23909.9	16709.5
-85.95	3236	4659.8	9694.8	-357.9	9720.2	4634.5

NODE Vxx Vyy

 Cent -1.6 -29.1
 2717 11.2 -8.6
 2715 11.2 -49.6
 3234 -14.4 -49.6
 3236 -14.4 -8.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

38.20	vento -y	Cent	16.6	6.1	21.6	33.6	-10.9
35.38		2717	19.7	4.6	21.6	35.0	-10.8
37.24		2715	19.7	7.7	21.6	36.1	-8.8
41.16		3234	13.5	7.7	21.6	32.4	-11.3
39.16		3236	13.5	4.6	21.6	31.1	-13.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-54.36	Cent	92.9	970.0	-1294.6	1898.3	-835.4
-49.72	2717	741.2	1173.1	-1298.6	2273.6	-359.3
-57.86	2715	-554.9	704.1	-1307.0	1525.3	-1376.1

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.42		3234	-201.9	1283.2	-1243.6	1989.1	-907.8
-48.83		3236	387.3	719.6	-1235.2	1799.8	-692.9

NODE	Vxx	Vyy
Cent	1.0	-0.1
2717	1.2	0.6
2715	1.2	-0.8
3234	0.7	-0.8
3236	0.7	0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
41.68	cedime~1	Cent	71.5	18.0	230.1	276.4	-186.9
41.96		2717	66.6	17.6	230.1	273.5	-189.2
42.00		2715	66.6	18.3	230.1	273.8	-188.9
41.40		3234	76.4	18.3	230.1	279.3	-184.5
41.36		3236	76.4	17.6	230.1	279.0	-184.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-56.41	Cent	-720.9	1980.4	-3211.3	4113.5	-2854.0
-50.46	2717	-595.9	770.1	-3537.8	3690.2	-3516.1
-56.61	2715	-1809.7	942.1	-3205.8	3054.8	-3922.4
-64.85	3234	-147.3	4477.4	-2785.9	5785.6	-1455.4
-54.15	3236	-330.7	1731.8	-3117.9	3984.6	-2583.4

NODE	Vxx	Vyy
Cent	0.8	-3.3
2717	1.3	-1.4
2715	1.3	-5.1
3234	0.4	-5.1
3236	0.4	-1.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
40.45	perm	Cent	319.2	-53.8	1165.5	1313.0	-1047.6
42.32		2717	208.7	-10.2	1165.5	1269.8	-1071.4
41.26		2715	208.7	-97.4	1165.5	1231.1	-1119.8
38.63		3234	429.7	-97.4	1165.5	1361.1	-1028.7
39.66		3236	429.7	-10.2	1165.5	1395.8	-976.3

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE							
44.64	Cent	2552.1	2516.7	1428.2	3962.7	1106.1	
40.81	2717	2662.2	2237.4	1442.7	3908.0	991.6	
29.04	2715	136.1	-2641.7	2229.4	1373.8	-3879.4	
48.28	3234	6114.9	6543.0	1863.4	8204.6	4453.4	
70.36	3236	1295.2	3928.0	1076.6	4312.2	911.0	

NODE Vxx Vyy

Cent	-1.4	-7.9
2717	1.6	-3.1
2715	1.6	-12.7
3234	-4.4	-12.7
3236	-4.4	-3.1

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
40.54	INV TO~1	Max	Cent	1106.9	-15.3	3576.0	4165.6	-1246.2
42.02			2717	791.9	45.1	3576.0	4014.0	-1234.0
41.64			2715	791.9	-51.6	3576.0	3971.0	-1355.2
39.16			3234	1426.8	-51.6	3576.0	4339.2	-1283.1
39.53			3236	1426.8	45.1	3576.0	4378.1	-1153.6
35.82		Min	Cent	277.2	-452.4	1099.7	1071.1	-3073.9
38.31			2717	158.2	-365.3	1099.7	1026.9	-3176.9
36.01			2715	158.2	-556.0	1099.7	957.3	-3230.7
33.47			3234	380.4	-556.0	1099.7	1107.4	-2964.1
35.64			3236	380.4	-365.3	1099.7	1168.7	-2906.2

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.64	Max	Cent	21889.5	39404.5	6659.1	40034.6	20538.6
46.82		2717	26226.6	27860.1	6790.1	33462.1	23307.4
39.76		2715	12912.4	11043.8	7597.4	19233.4	6681.5
81.10		3234	35162.5	62645.8	7221.9	63340.5	34320.5
84.58		3236	27937.3	61653.9	6376.2	61962.9	27297.7
-14.02	Min	Cent	-5701.9	-13918.7	-5590.9	-4387.0	-15221.8
-32.95		2717	-7309.3	-8112.2	-5102.0	-5699.3	-12427.7
-3.85		2715	-10118.8	-16936.3	-3788.6	-8270.0	-17850.6
		3234	-1190.4	-12538.7	-6232.8	-88.8	-13493.0

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-15.48
-18.97

	NODE	Vxx	Vyy
Max	Cent	16.6	13.4
	2717	19.8	19.9
	2715	19.8	7.6
	3234	16.9	7.6
Min	3236	16.9	19.9
	Cent	-14.5	-68.6
	2717	-5.4	-53.0
	2715	-5.4	-89.2
	3234	-29.5	-89.2
	3236	-29.5	-53.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
39.94	INV TO~2	Max	Cent	1834.4	-15.3	6036.2	6888.4	-1246.2
41.79			2717	1269.6	45.1	6036.2	6664.0	-1234.0
40.71			2715	1269.6	-51.6	6036.2	6463.4	-1355.2
38.13		Min	3234	2399.3	-51.6	6036.2	7137.7	-1283.1
39.17			3236	2399.3	45.1	6036.2	7317.7	-1153.6
35.82			Cent	277.2	-452.4	1099.7	1071.1	-5374.9
38.31		2717	158.2	-365.3	1099.7	1026.9	-5484.7	
36.01		2715	158.2	-556.0	1099.7	957.3	-5745.6	
33.47		3234	380.4	-556.0	1099.7	1107.4	-5290.2	
35.64		3236	380.4	-365.3	1099.7	1168.7	-5008.7	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
79.64	Max	Cent	21889.5	39404.5	6659.1	40034.6	20538.6
46.82		2717	26226.6	27860.1	6790.1	33462.1	23307.4
39.76		2715	12912.4	11043.8	7597.4	19233.4	6681.5
81.10		3234	35162.5	62645.8	7221.9	63340.5	34320.5
84.58		3236	27937.3	61653.9	6376.2	61962.9	27297.7
-14.02		Min	Cent	-5701.9	-13918.7	-5590.9	-4387.0
-32.95	2717		-7309.3	-8112.2	-5102.0	-5699.3	-12427.7
-3.85	2715		-10118.8	-22108.9	-3788.6	-8270.0	-24809.6
-15.48	3234		-1190.4	-12538.7	-6232.8	-88.8	-13493.0
-18.97	3236		-12204.6	-21715.6	-6952.9	-10556.1	-24061.2

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
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Max   Cent   16.6   13.4
      2717   19.8   19.9
      2715   19.8   7.6
      3234   16.9   7.6
      3236   16.9   19.9
Min   Cent   -14.5  -68.6
      2717   -5.4  -53.0
      2715   -5.4  -89.2
      3234  -29.5  -89.2
      3236  -29.5  -53.0
    
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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		

2995	2	12	c mob-a	Max	Cent	18.9	29.2	15.0	39.9	8.2	
					3144	44.1	25.0	14.2	51.6	17.4	
					2864	44.3	45.5	15.8	60.7	29.1	
					3145	11.5	44.6	15.7	50.9	5.2	
					3143	11.5	24.4	14.2	33.6	2.3	
					Min	Cent	-19.7	-0.9	-12.0	5.0	-25.6
					3144	-37.7	-3.8	-11.4	-0.3	-41.2	
					2864	-37.8	-5.8	-12.6	-1.4	-42.2	
					3145	-15.6	-5.2	-12.6	3.2	-24.0	
					3143	-15.5	-3.4	-11.5	3.5	-22.5	
					NODE	Mxx	Myy	Mxy	Mmax	Mmin	

					Max	Cent	5.7	6.0	9.5	15.3	-3.7
					3144	42.5	10.1	8.7	44.7	7.9	
					2864	64.3	11.5	7.3	65.3	10.5	
					3145	15.3	13.1	6.8	21.0	7.3	
					3143	5.9	13.2	8.7	18.9	0.1	
					Min	Cent	-8.3	-14.5	-7.0	-3.7	-19.0
					3144	-86.9	-16.3	-3.7	-16.1	-87.1	
					2864	-23.3	-6.7	-5.2	-5.2	-24.7	
					3145	-7.0	-40.4	-9.0	-4.8	-42.7	
					3143	-22.4	-19.8	-7.1	-13.9	-28.3	
					NODE	Vxx	Vyy				
					Max	Cent	0.0	0.1			
					3144	0.1	0.0				
					2864	0.1	0.1				
					3145	0.0	0.1				

PROJECT TITLE :

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	Min	3143	0.0	0.0
	Cent		-0.1	-0.0
		3144	-0.2	-0.0
		2864	-0.2	-0.0
		3145	-0.0	-0.0
		3143	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.78	c mob-b	Max Cent	35.4	52.6	24.2	69.7	18.3
31.64		3144	60.8	37.8	22.8	74.9	23.7
54.01		2864	61.1	77.8	25.6	96.4	42.5
67.09		3145	26.9	76.5	25.5	87.3	16.1
51.43		3143	26.7	37.2	22.9	55.4	8.4
-63.36		Min Cent	-27.6	-3.3	-16.3	4.9	-35.7
-72.60		3144	-54.7	-9.5	-15.7	-4.6	-59.7
-72.02		2864	-55.0	-8.6	-16.8	-3.2	-60.4
-56.20		3145	-22.0	-8.1	-16.8	3.1	-33.2
-56.08		3143	-22.0	-9.1	-15.8	1.5	-32.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.73	Max Cent	4.5	13.4	18.6	28.1	-10.2
11.07		3144	87.9	17.2	14.4	14.4
6.77		2864	156.9	26.4	15.7	158.7
35.16		3145	41.6	31.3	14.5	51.8
50.75		3143	22.9	28.4	13.6	39.5
-44.80	Min Cent	-19.8	-20.0	-11.3	-8.6	-31.2
-85.80		3144	-193.3	-35.3	-11.7	-34.5
-84.47		2864	-86.2	-13.0	-7.2	-12.3
-36.89		3145	-21.4	-24.4	-5.3	-17.4
-55.83		3143	-59.6	-51.9	-9.7	-45.3

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	3144	0.2	0.1
	2864	0.2	0.1
	3145	0.0	0.1
	3143	0.0	0.1
Min	Cent	-0.2	-0.0
	3144	-0.4	-0.0
	2864	-0.4	-0.1
	3145	-0.1	-0.1

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3143			-0.1	-0.0			
ANGLE							

	pp	Cent	1.8	12.1	-0.7	12.1	1.8
-86.36		3144	-12.3	13.9	-0.6	13.9	-12.3
-88.73		2864	-12.4	10.3	-0.7	10.3	-12.5
-88.17		3145	15.9	10.4	-0.7	16.0	10.3
-7.34		3143	15.8	13.8	-0.6	16.0	13.6
-14.82							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	5.3	-13.3	12.2	11.4	-19.4
26.37		3144	-58.0	-34.6	14.3	-27.8	-64.7
64.64		2864	84.0	21.2	4.0	84.3	20.9
3.63		3145	24.3	-14.0	5.5	25.1	-14.8
7.95		3143	-29.2	-25.8	14.8	-12.5	-42.4
48.25							
		NODE	Vxx	Vyy			

		Cent	-0.1	0.0			
		3144	-0.1	-0.0			
		2864	-0.1	0.0			
		3145	-0.1	0.0			
		3143	-0.1	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	0.7	-0.4	0.4	0.8	-0.5
18.06		3144	1.1	-1.1	0.4	1.2	-1.1
9.26		2864	1.1	0.3	0.4	1.3	0.1
22.64		3145	0.3	0.3	0.4	0.7	-0.2
44.77		3143	0.3	-1.0	0.4	0.4	-1.1
14.69							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-0.0	0.0	0.0	0.0	-0.0
84.51		3144	-0.7	-0.1	0.0	-0.1	-0.7
88.66		2864	0.6	0.1	0.0	0.6	0.1
0.99		3145	0.4	0.1	-0.0	0.4	0.1
-4.72							

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23.52	Cent	1.0	-10.7	6.3	3.7	-13.5
77.10	3144	-39.3	-13.5	6.3	-12.0	-40.8
4.53	2864	49.0	9.0	3.2	49.2	8.7
7.12	3145	14.0	-12.5	3.4	14.5	-12.9
31.26	3143	-19.9	-26.1	5.9	-16.3	-29.7

NODE	Vxx	Vyy
Cent	-0.1	0.0
3144	-0.1	0.0
2864	-0.1	0.0
3145	-0.0	0.0
3143	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.34	INV TO~1	Max	Cent	67.7	75.7	42.6	109.4	28.1
23.65			3144	104.1	56.6	40.1	121.6	33.9
48.48			2864	104.5	115.6	45.1	155.5	64.6
61.60			3145	54.3	113.2	45.0	137.5	31.3
48.49			3143	54.0	55.7	40.2	84.3	19.3
-53.72	Min	Cent	Cent	-32.7	-9.6	-20.7	-0.8	-42.6
-63.58			3144	-76.7	-33.8	-19.9	-27.8	-82.0
-74.14			2864	-77.1	-7.7	-21.4	-1.6	-83.2
-56.82			3145	-17.8	-7.0	-21.4	6.9	-34.5
-24.40			3143	-17.9	-32.6	-19.9	-6.2	-38.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.40	Max	Cent	8.6	9.4	31.4	39.4	-18.3
14.73		3144	87.5	14.7	25.7	93.0	9.3
6.36		2864	260.7	44.7	24.4	263.5	42.0
20.05		3145	75.9	30.3	22.9	82.9	23.3
45.75		3143	11.1	17.9	24.2	35.9	-8.0
-28.14	Min	Cent	-27.8	-37.7	-14.1	-21.0	-46.4
-87.73		3144	-300.3	-61.1	-14.6	-60.8	-300.7
-83.23		2864	-83.6	-11.4	-8.7	-10.4	-84.7
-9.29		3145	-14.8	-67.1	-12.5	-13.4	-69.1
		3143	-106.3	-96.2	-12.9	-90.8	-113.5

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-53.21

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	3144	0.2	0.1
	2864	0.2	0.1
	3145	0.0	0.1
	3143	0.0	0.1
Min	Cent	-0.4	-0.0
	3144	-0.6	-0.0
	2864	-0.6	-0.0
	3145	-0.2	-0.1
	3143	-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.34	INV TO~2	Max	Cent	67.7	75.7	42.6	109.4	28.1
23.65			3144	104.1	56.6	40.1	121.6	33.9
48.48			2864	104.5	115.6	45.1	155.5	64.6
61.60			3145	54.3	113.2	45.0	137.5	31.3
48.49			3143	54.0	55.7	40.2	84.3	19.3
-53.72		Min	Cent	-32.7	-9.6	-20.7	-0.8	-42.6
-63.58			3144	-76.7	-33.8	-19.9	-27.8	-82.0
-74.14			2864	-77.1	-7.7	-21.4	-1.6	-83.2
-56.82			3145	-17.8	-7.0	-21.4	6.9	-34.5
-24.40			3143	-17.9	-32.6	-19.9	-6.2	-38.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
44.40	Max	Cent	8.6	9.4	31.4	-18.3		
14.73		3144	87.5	14.7	25.7	9.3		
6.36		2864	260.7	44.7	24.4	263.5	42.0	
20.05		3145	75.9	30.3	22.9	82.9	23.3	
45.75		3143	11.1	17.9	24.2	35.9	-8.0	
-28.14		Min	Cent	-27.8	-37.7	-14.1	-21.0	-46.4
-87.73			3144	-300.3	-61.1	-14.6	-60.8	-300.7
-83.23			2864	-83.6	-11.4	-8.7	-10.4	-84.7
-9.29			3145	-14.8	-67.1	-12.5	-13.4	-69.1
-53.21			3143	-106.3	-96.2	-12.9	-90.8	-113.5

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1

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	3144	0.2	0.1
	2864	0.2	0.1
	3145	0.0	0.1
	3143	0.0	0.1
Min	Cent	-0.4	-0.0
	3144	-0.6	-0.0
	2864	-0.6	-0.0
	3145	-0.2	-0.1
	3143	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2996	2	12	c mob-a	Max	Cent	34.0	9.5	3.7	34.6	9.0
	8.36				3140	70.3	2.5	3.7	70.5	2.3
	3.10				3144	70.3	24.9	3.7	70.6	24.6
	4.60				3143	17.4	24.9	3.7	26.4	15.9
	67.63				3139	17.4	2.5	3.7	18.3	1.6
	13.13			Min	Cent	-31.5	-1.2	-5.8	-0.2	-32.6
	-79.53				3140	-66.7	-6.8	-5.8	-6.3	-67.3
	-84.53				3144	-66.7	-3.4	-5.8	-2.9	-67.3
	-84.82				3143	-11.5	-3.4	-5.8	-0.4	-14.5
	-62.42				3139	-11.5	-6.8	-5.8	-2.9	-15.4
	-55.91									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	12.8	9.1	16.0	27.0	-5.1
	41.63				3140	31.7	5.4	17.1	40.2	-3.0
	26.21				3144	53.1	13.4	12.9	56.9	9.6
	16.57				3143	36.3	23.4	11.7	43.2	16.5
	30.55				3139	7.3	20.2	16.6	31.5	-4.1
	55.67			Min	Cent	-6.7	-6.6	-34.4	27.7	-41.0
	-45.07				3140	-18.8	-6.2	-34.6	22.7	-47.6
	-50.16				3144	-43.0	-8.4	-29.8	8.8	-60.1
	-60.05				3143	-14.4	-19.3	-28.0	11.2	-44.9
	-42.47				3139	-18.8	-17.4	-32.8	14.7	-50.9
	-45.62									
				NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0			
					3140	0.1	0.0			
					3144	0.1	0.0			
					3143	0.0	0.0			
					3139	0.0	0.0			
				Min	Cent	-0.0	-0.0			

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3140 -0.1 -0.1
 3144 -0.1 -0.0
 3143 -0.1 -0.0
 3139 -0.1 -0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5.92	c mob-b Max	Cent	53.7	14.9	4.1	54.1	14.5
2.19		3140	110.4	4.1	4.1	110.5	4.0
3.18		3144	110.4	37.5	4.1	110.6	37.3
14.94		3143	51.7	37.5	4.1	52.7	36.4
4.86		3139	51.7	4.1	4.1	52.0	3.8
-76.86	Min	Cent	-40.8	-3.5	-9.2	-1.3	-43.0
-84.73		3140	-109.7	-10.6	-9.2	-9.7	-110.5
-84.81		3144	-109.7	-8.9	-9.2	-8.1	-110.5
-65.37		3143	-24.8	-8.9	-9.2	-4.7	-29.0
-63.78		3139	-24.8	-10.6	-9.2	-6.0	-29.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.96	Max	Cent	26.6	26.5	33.8	60.4	-7.2
24.46		3140	74.5	10.2	36.9	91.3	-6.6
17.23		3144	101.9	23.7	26.9	110.3	15.4
27.92		3143	85.7	53.6	23.7	98.3	41.1
62.46		3139	20.3	67.5	33.8	85.1	2.7
-43.82	Min	Cent	-5.2	-11.5	-76.2	68.0	-84.6
-49.54		3140	-35.6	-11.7	-74.9	52.2	-99.5
-59.54		3144	-86.7	-12.4	-66.8	27.0	-126.0
-40.26		3143	-20.1	-41.5	-64.0	34.1	-95.8
-45.18		3139	-36.4	-35.5	-72.0	36.0	-107.9
		NODE	Vxx	Vyy			
	Max	Cent	0.1	0.1			
		3140	0.2	0.1			
		3144	0.2	0.1			
		3143	0.0	0.1			
		3139	0.0	0.1			
	Min	Cent	-0.1	-0.1			
		3140	-0.1	-0.2			
		3144	-0.1	-0.0			
		3143	-0.1	-0.0			
		3139	-0.1	-0.2			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-79.51	pp	Cent	-3.7	5.4	-1.7	5.7	-4.0
-82.17		3140	-14.8	-2.4	-1.7	-2.2	-15.0
-86.46		3144	-14.8	13.2	-1.7	13.4	-14.9
-74.39		3143	7.5	13.2	-1.7	13.7	7.0
-9.69		3139	7.5	-2.4	-1.7	7.8	-2.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.12		Cent	44.2	44.7	63.2	107.6	-18.7
58.60		3140	-91.5	-19.0	70.5	24.0	-134.6
19.58		3144	175.9	35.6	57.1	196.2	15.3
33.95		3143	19.7	-11.1	38.0	45.2	-36.7
67.23		3139	72.8	173.5	51.3	195.0	51.3
		NODE	Vxx	Vyy			
		Cent	-0.1	-0.2			
		3140	-0.3	-0.3			
		3144	-0.3	-0.0			
		3143	-0.0	-0.0			
		3139	-0.0	-0.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-7.49	vento -y	Cent	0.9	-0.4	-0.2	0.9	-0.4
-5.37		3140	2.0	0.3	-0.2	2.0	0.3
-3.08		3144	2.0	-1.0	-0.2	2.0	-1.0
-12.25		3143	-0.3	-1.0	-0.2	-0.3	-1.1
-75.35		3139	-0.3	0.3	-0.2	0.3	-0.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-51.13		Cent	0.0	0.1	-0.1	0.2	-0.0
-14.77		3140	0.3	-0.0	-0.1	0.4	-0.0
-69.67		3144	-0.2	0.0	-0.1	0.1	-0.3
-64.98		3143	-0.0	0.2	-0.1	0.2	-0.0
-58.25		3139	0.1	0.2	-0.1	0.2	0.0

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NODE	Vxx	Vyy
Cent	0.0	-0.0
3140	0.0	-0.0
3144	0.0	-0.0
3143	0.0	-0.0
3139	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-4.19	cedime~1	Cent	22.0	-10.0	-2.4	22.1	-10.2
-3.36		3140	45.0	4.9	-2.4	45.1	4.8
-1.93		3144	45.0	-25.0	-2.4	45.0	-25.1
-5.57		3143	-1.0	-25.0	-2.4	-0.8	-25.2
-70.92		3139	-1.0	4.9	-2.4	5.8	-1.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-49.67	Cent	-1.8	2.6	-13.6	14.2	-13.4
-34.37	3140	14.3	3.1	-14.4	24.1	-6.8
-66.94	3144	-25.4	-5.2	-10.5	-0.7	-29.9
-47.76	3143	7.8	9.7	-9.8	18.6	-1.2
-52.14	3139	-4.0	3.0	-13.7	13.6	-14.7

NODE	Vxx	Vyy
Cent	0.0	-0.0
3140	0.0	-0.0
3144	0.0	-0.0
3143	-0.0	-0.0
3139	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-37.34	perm	Cent	3.3	2.5	-1.5	4.4	1.4
-49.84		3140	-1.3	-0.8	-1.5	0.4	-2.6
-78.86		3144	-1.3	5.8	-1.5	6.1	-1.6
-27.15		3143	7.9	5.8	-1.5	8.6	5.0
-9.25		3139	7.9	-0.8	-1.5	8.1	-1.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	10.6	-4.5	10.7	16.1	-10.1

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27.45							
		3140	-12.4	-5.0	12.1	4.0	-21.3
53.45							
		3144	43.4	11.3	8.1	45.4	9.4
13.41							
		3143	11.3	-16.7	6.8	12.9	-18.3
13.03							
		3139	-0.1	-7.6	10.8	7.6	-15.3
35.39							

NODE	Vxx	Vyy
Cent	-0.0	0.0
3140	-0.1	0.0
3144	-0.1	0.0
3143	-0.0	0.0
3139	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	97.7	22.6	4.0	97.7	22.3
1.13			3140	192.6	9.7	4.0	192.6	9.7
0.53			3144	192.6	56.4	4.0	192.6	56.2
0.60			3143	77.6	56.4	4.0	78.3	55.6
10.42			3139	77.6	9.7	4.0	77.8	9.7
3.16		Min	Cent	-51.9	-12.2	-16.3	-2.5	-55.5
-59.26			3140	-149.4	-15.1	-16.3	-13.7	-150.8
-84.15			3144	-149.4	-31.2	-16.3	-27.8	-150.7
-78.02			3143	-26.6	-31.2	-16.3	-12.5	-45.4
-41.01			3139	-26.6	-15.1	-16.3	-5.5	-36.6
-55.31								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	46.5	34.0	56.4	97.3	-3.8	
-42.70			3140	102.5	11.8	61.9	122.8	-8.5
23.17			3144	181.1	43.4	44.4	194.1	30.3
16.40			3143	134.8	65.3	38.8	145.3	54.8
19.91			3139	27.4	86.5	56.5	118.5	1.8
58.22		Min	Cent	-0.4	-20.0	-105.8	82.4	-115.0
41.43			3140	-60.4	-20.7	-103.4	50.6	-136.3
-51.28			3144	-99.0	-10.5	-92.6	47.9	-157.4
-57.77			3143	-15.9	-72.8	-89.5	40.2	-129.2
-35.17			3139	-53.3	-55.5	-100.1	34.0	-153.0
-43.95								

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		NODE	Vxx	Vyy
Max	Cent		0.0	0.1
		3140	0.2	0.1
		3144	0.2	0.1
		3143	0.0	0.1
		3139	0.0	0.1
Min	Cent		-0.1	-0.1
		3140	-0.2	-0.2
		3144	-0.2	-0.0
		3143	-0.2	-0.0
		3139	-0.2	-0.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1.13	INV TO~2	Max	Cent	97.7	22.6	4.0	97.7	22.3	
0.53				3140	192.6	9.7	4.0	192.6	9.7
0.60				3144	192.6	56.4	4.0	192.6	56.2
10.42				3143	77.6	56.4	4.0	78.3	55.6
3.16				3139	77.6	9.7	4.0	77.8	9.7
-59.26		Min	Cent	-51.9	-12.2	-16.3	-2.5	-55.5	
-84.15				3140	-149.4	-15.1	-16.3	-13.7	-150.8
-78.02				3144	-149.4	-31.2	-16.3	-27.8	-150.7
-41.01				3143	-26.6	-31.2	-16.3	-12.5	-45.4
-55.31				3139	-26.6	-15.1	-16.3	-5.5	-36.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.12		Max	Cent	59.7	60.4	85.3	145.3	-3.8	
23.17				3140	102.5	11.8	95.2	122.8	-8.5
19.58				3144	237.5	48.1	77.2	264.9	30.3
19.91				3143	134.8	65.3	51.2	145.3	54.8
67.23				3139	98.3	234.2	69.3	263.3	69.2
41.43		Min	Cent	-0.4	-20.0	-105.8	82.4	-115.0	
58.60				3140	-123.6	-25.7	-103.4	32.4	-181.7
-57.77				3144	-99.0	-10.5	-92.6	47.9	-157.4
-35.17				3143	-15.9	-72.8	-89.5	40.2	-129.2
-43.95				3139	-53.3	-55.5	-100.1	34.0	-153.0

		NODE	Vxx	Vyy
Max	Cent		0.0	0.1
		3140	0.2	0.1
		3144	0.2	0.1

PROJECT TITLE :

	Company		Client	
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	3143	0.0	0.1
	3139	0.0	0.1
Min	Cent	-0.2	-0.2
	3140	-0.4	-0.4
	3144	-0.4	-0.0
	3143	-0.2	-0.0
	3139	-0.2	-0.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3043	2	12	c mob-a	Max Cent	11.3	10.7	1.6	12.6	9.4
40.37				2830	6.1	15.8	1.6	16.1	5.8
81.00				2912	6.1	6.6	1.6	7.9	4.7
49.44				2911	19.4	6.6	1.6	19.6	6.4
6.94				2909	19.4	15.8	1.6	20.0	15.2
20.83				Min Cent	-2.6	-0.5	-4.6	3.2	-6.3
-51.26				2830	-4.7	-0.5	-4.6	2.4	-7.7
-57.33				2912	-4.7	-1.7	-4.6	1.6	-8.1
-54.06				2911	-2.0	-1.7	-4.6	2.7	-6.5
-45.96				2909	-2.0	-0.5	-4.6	3.4	-5.9
-49.69									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max Cent	2.7	0.2	1.1	3.1	-0.2
20.46				2830	61.8	7.5	0.7	61.8	7.5
0.70				2912	4.2	1.1	0.9	4.4	0.9
14.45				2911	0.7	0.4	1.0	1.5	-0.5
41.81				2909	18.5	4.4	0.8	18.5	4.3
3.34				Min Cent	-0.5	-4.2	-9.5	7.4	-12.1
-39.40				2830	-4.6	-0.5	-6.7	4.4	-9.6
-53.49				2912	-54.4	-14.6	-8.5	-12.9	-56.2
-78.42				2911	-16.2	-10.2	-7.5	-5.1	-21.3
-56.04				2909	-1.0	-4.5	-5.7	3.2	-8.7
-36.48									
				NODE	Vxx	Vyy			

				Max Cent	0.1	0.0			
				2830	0.1	0.0			
				2912	0.1	0.0			
				2911	0.0	0.0			
				2909	0.0	0.0			
				Min Cent	-0.0	-0.0			
				2830	-0.0	-0.0			
				2912	-0.0	-0.0			

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	Company		Client	
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			2911	2909	-0.0	-0.0	-0.0	-0.0
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	c mob-b	Max	Cent	10.9	15.8	2.9	17.1	9.6
65.28			2830	6.7	21.3	2.9	21.8	6.2
79.27			2912	6.7	11.6	2.9	12.9	5.4
65.29			2911	19.5	11.6	2.9	20.4	10.7
17.99			2909	19.5	21.3	2.9	23.4	17.4
53.59		Min	Cent	-4.9	-0.6	-4.4	2.2	-7.7
-58.16			2830	-7.5	-0.5	-4.4	1.6	-9.6
-63.99			2912	-7.5	-1.5	-4.4	0.9	-9.8
-61.94			2911	-3.9	-1.5	-4.4	1.9	-7.3
-52.66			2909	-3.9	-0.5	-4.4	2.5	-7.0
-55.48								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	3.1	0.2	1.9	4.1	-0.7
26.23			2830	65.2	8.0	1.1	65.2	7.9
1.07			2912	7.6	2.0	1.5	8.0	1.6
13.85			2911	0.8	0.4	1.8	2.4	-1.2
41.84			2909	18.0	4.2	1.4	18.2	4.1
5.77		Min	Cent	-0.9	-6.4	-10.7	7.4	-14.7
-37.92			2830	-8.1	-1.0	-7.5	3.7	-12.8
-57.79			2912	-56.6	-15.6	-9.4	-13.5	-58.7
-77.64			2911	-16.3	-13.6	-8.5	-6.3	-23.5
-49.51			2909	-1.9	-10.1	-6.5	1.7	-13.8
-28.98								
			NODE	Vxx	Vyy			
		Max	Cent	0.1	0.0			
			2830	0.1	0.0			
			2912	0.1	0.0			
			2911	0.0	0.0			
			2909	0.0	0.0			
		Min	Cent	-0.0	-0.0			
			2830	-0.0	-0.0			
			2912	-0.0	-0.0			
			2911	-0.0	-0.0			
			2909	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	pp	Cent	2910	22.6	-9.8	36.1	15.5
-35.96		2830	0.3	40.1	-9.8	42.4	-2.0
-76.85		2912	0.3	5.1	-9.8	12.8	-7.4
-51.80		2911	57.7	5.1	-9.8	59.5	3.3
-10.24		2909	57.7	40.1	-9.8	62.1	35.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.04	Cent	6.3	-10.8	-23.6	22.8	-27.3
-6.29	2830	168.8	18.5	-16.8	170.6	16.6
-79.55	2912	-148.6	-35.9	-21.5	-31.9	-152.6
-57.84	2911	-48.9	-31.5	-18.1	-20.1	-60.3
-14.50	2909	53.9	5.7	-13.4	57.4	2.2

NODE	Vxx	Vyy
Cent	0.2	0.0
2830	0.3	-0.0
2912	0.3	0.1
2911	0.1	0.1
2909	0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
71.33	vento -y	Cent	-0.1	0.2	0.1	0.2	-0.2
77.20		2830	-0.4	0.1	0.1	0.1	-0.5
80.71		2912	-0.4	0.3	0.1	0.3	-0.5
59.09		2911	0.2	0.3	0.1	0.4	0.1
35.33		2909	0.2	0.1	0.1	0.3	-0.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-37.52	Cent	0.1	-0.1	-0.4	0.4	-0.4
-7.49	2830	2.2	0.3	-0.3	2.2	0.2
-76.80	2912	-1.9	-0.5	-0.3	-0.5	-1.9
-46.81	2911	-0.3	-0.3	-0.3	0.0	-0.6
-30.07	2909	0.5	0.2	-0.2	0.6	0.1

NODE	Vxx	Vyy
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PROJECT TITLE :

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-----
          Cent      0.0      -0.0
          2830      0.0      -0.0
          2912      0.0       0.0
          2911      0.0       0.0
          2909      0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-5.91	cedime~1	Cent	15.7	-54.8	-7.4	16.5	-55.6
-6.57		2830	10.4	-52.7	-7.4	11.3	-53.6
-6.18		2912	10.4	-56.9	-7.4	11.2	-57.7
-5.36		2911	21.0	-56.9	-7.4	21.7	-57.6
-5.66		2909	21.0	-52.7	-7.4	21.7	-53.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

56.93	Cent	-4.4	22.1	30.0	41.7	-23.9
81.07	2830	-155.0	-18.4	22.0	-14.9	-158.4
14.50	2912	131.9	35.5	26.7	138.8	28.6
57.34	2911	16.9	38.2	23.2	53.1	2.1
70.12	2909	-11.2	33.2	18.5	39.9	-17.9

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          NODE      Vxx      Vyy
          Cent      -0.2      -0.0
          2830      -0.3      -0.0
          2912      -0.3      -0.1
          2911      -0.0      -0.1
          2909      -0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-63.24	perm	Cent	8.6	12.0	-2.4	13.2	7.4
-83.32		2830	-3.0	16.9	-2.4	17.1	-3.2
-77.58		2912	-3.0	7.2	-2.4	7.7	-3.5
-10.04		2911	20.1	7.2	-2.4	20.5	6.8
-27.86		2909	20.1	16.9	-2.4	21.3	15.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-31.12	Cent	2.1	-6.6	-8.3	7.1	-11.6
	2830	60.1	7.4	-5.8	60.8	6.8

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-6.18			2912	-51.9	-14.4	-7.5	-13.0	-53.3
-79.13			2911	-18.0	-15.8	-6.4	-10.4	-23.4
-49.88			2909	18.0	-3.7	-4.7	19.0	-4.7
-11.77								

NODE	Vxx	Vyy
Cent	0.1	0.0
2830	0.1	-0.0
2912	0.1	0.0
2911	0.0	0.0
2909	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~1	Max	Cent	39.5	33.4	1.5	40.0	23.5
-5.46			2830	16.6	45.6	1.5	45.6	6.1
87.82			2912	16.6	22.9	1.5	23.0	6.0
84.91			2911	67.4	22.9	1.5	67.8	22.8
-3.30			2909	67.4	45.6	1.5	67.9	44.4
-4.47		Min	Cent	1.9	-43.5	-15.9	16.4	-47.4
-59.37			2830	-13.0	-36.6	-15.9	3.7	-42.9
-21.59			2912	-13.0	-52.0	-15.9	2.1	-56.7
-16.42			2911	14.8	-52.0	-15.9	19.7	-54.8
-29.99			2909	14.8	-36.6	-15.9	24.1	-39.9
-47.29								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	6.3	15.8	24.3	34.1	-7.2	
52.97			2830	148.1	18.1	17.7	148.3	18.0
-1.91			2912	90.2	23.8	21.2	96.4	17.6
16.28			2911	-0.1	23.0	19.2	33.8	-10.9
60.52			2909	43.0	35.4	15.7	49.3	17.8
48.37		Min	Cent	-3.6	-15.2	-22.8	8.5	-31.3
-21.02			2830	-105.8	-12.3	-15.9	-11.9	-106.2
86.26			2912	-128.3	-35.4	-20.2	-31.2	-132.5
-78.23			2911	-40.0	-34.1	-17.9	-18.9	-55.2
-49.65			2909	4.2	-17.4	-13.6	17.6	-22.3
69.90								

NODE	Vxx	Vyy

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Max	Cent	0.2	0.0
	2830	0.3	0.0
	2912	0.3	0.1
	2911	0.1	0.1
	2909	0.1	0.0
Min	Cent	-0.1	-0.0
	2830	-0.2	-0.1
	2912	-0.2	-0.1
	2911	0.0	-0.1
	2909	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-35.96 -76.85 84.91 -10.24 -24.09 -59.37 -21.59 -16.42 -29.99 -47.29	INV TO~2	Max	Cent	39.5	33.4	1.5	48.8	23.5
			2830	16.6	54.1	1.5	57.2	6.1
		2912	16.6	22.9	1.5	23.0	6.0	
		2911	77.9	22.9	1.5	80.3	22.8	
		2909	77.9	54.1	1.5	83.8	48.2	
	Min	Cent	1.9	-43.5	-15.9	16.4	-47.4	
			2830	-13.0	-36.6	-15.9	3.7	-42.9
			2912	-13.0	-52.0	-15.9	2.1	-56.7
			2911	14.8	-52.0	-15.9	19.7	-54.8
			2909	14.8	-36.6	-15.9	24.1	-39.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
52.97 -6.29 16.28 60.52 -14.50 -21.02 86.26 -79.55 -57.84 69.90	Max	Cent	8.5	15.8	24.3	34.1	-7.2	
			2830	227.9	25.0	17.7	230.4	22.5
		2912	90.2	23.8	21.2	96.4	17.6	
		2911	-0.1	23.0	19.2	33.8	-10.9	
		2909	72.8	35.4	15.7	77.4	17.8	
	Min	Cent	-3.6	-15.2	-31.8	8.5	-36.9	
			2830	-105.8	-12.3	-22.6	-11.9	-106.2
			2912	-200.6	-48.4	-29.1	-43.1	-206.0
			2911	-66.0	-42.5	-24.4	-27.1	-81.4
			2909	4.2	-17.4	-18.0	17.6	-22.3

	NODE	Vxx	Vyy
Max	Cent	0.3	0.0
	2830	0.4	0.0
	2912	0.4	0.1
	2911	0.1	0.1
	2909	0.1	0.0

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Min	Cent	-0.1	-0.0
	2830	-0.2	-0.1
	2912	-0.2	-0.1
	2911	0.0	-0.1
	2909	0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3044	2	12	c mob-a	Max	Cent	29.4	8.9	1.6	29.5	8.8
	4.42				2912	35.8	9.9	1.6	35.9	9.8
	3.50				2914	35.8	9.0	1.6	35.9	8.9
	3.38				2913	25.9	9.0	1.6	26.1	8.8
	5.31				2911	25.9	9.9	1.6	26.1	9.7
	5.61			Min	Cent	-5.5	-1.0	-7.6	4.6	-11.1
	-53.19				2912	-10.4	-0.5	-7.6	3.6	-14.5
	-61.50				2914	-10.4	-2.6	-7.6	2.0	-15.0
	-58.63				2913	-3.6	-2.6	-7.6	4.5	-10.7
	-46.92				2911	-3.6	-0.5	-7.6	5.6	-9.8
	-50.69									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	0.5	0.2	2.3	2.7	-1.9
	42.97				2912	68.3	21.5	2.0	68.4	21.4
	2.43				2914	5.6	1.5	1.7	6.2	0.9
	19.85				2913	1.0	0.4	1.7	2.5	-1.0
	40.67				2911	46.6	9.7	2.0	46.7	9.6
	3.09			Min	Cent	-2.0	-2.5	-6.3	4.0	-8.6
	-43.75				2912	-5.2	-1.6	-5.0	1.9	-8.7
	-54.86				2914	-70.1	-22.1	-4.4	-21.7	-70.5
	-84.75				2913	-49.1	-17.4	-4.6	-16.8	-49.8
	-81.97				2911	-1.3	-2.5	-5.0	3.1	-6.9
	-41.49									
				NODE	Vxx	Vyy				
				Max	Cent	0.1	0.0			
					2912	0.1	0.0			
					2914	0.1	0.0			
					2913	0.1	0.0			
					2911	0.1	0.0			
				Min	Cent	-0.0	-0.0			
					2912	-0.0	-0.0			
					2914	-0.0	-0.0			
					2913	-0.0	-0.0			
					2911	-0.0	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.93	c mob-b	Max Cent	28.4	14.0	2.3	28.8	13.6
6.11		2912	36.3	14.8	2.3	36.5	14.5
6.27		2914	36.3	15.4	2.3	36.5	15.1
11.61		2913	26.2	15.4	2.3	26.7	14.9
11.06		2911	26.2	14.8	2.3	26.7	14.3
-60.10		Min Cent	-9.5	-1.0	-7.4	3.3	-13.8
-69.71		2912	-17.8	-0.6	-7.4	2.2	-20.5
-68.31		2914	-17.8	-2.2	-7.4	0.8	-20.7
-52.31		2913	-6.0	-2.2	-7.4	3.5	-11.7
-55.15		2911	-6.0	-0.6	-7.4	4.6	-11.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.06	Max Cent	0.6	0.1	3.3	3.6	-2.9
3.17	2912	73.3	22.7	2.8	73.4	22.5
19.11	2914	8.8	2.7	2.4	9.7	1.9
41.96	2913	0.8	0.3	2.6	3.2	-2.1
4.22	2911	46.6	9.5	2.8	46.8	9.3
-44.13	Min Cent	-3.4	-3.8	-7.8	4.2	-11.4
-57.48	2912	-8.8	-2.8	-6.4	1.3	-12.9
-84.80	2914	-79.6	-23.3	-5.2	-22.9	-80.1
-80.90	2913	-48.7	-18.1	-5.0	-17.3	-49.5
-37.01	2911	-2.2	-5.8	-6.2	2.5	-10.5

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	2912	0.2	0.0
	2914	0.2	0.0
	2913	0.1	0.0
	2911	0.1	0.0
Min	Cent	-0.0	-0.0
	2912	-0.0	-0.0
	2914	-0.0	-0.0
	2913	-0.0	-0.0
	2911	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-14.67          pp          Cent          72.6          9.7          -17.7          77.3          5.1
-15.98          2912          74.8          18.2          -17.7          79.9          13.1
-12.84          2914          74.8          1.3          -17.7          78.9          -2.7
-13.55          2913          70.4          1.3          -17.7          74.7          -2.9
-17.04          2911          70.4          18.2          -17.7          75.8          12.7

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
-30.23          Cent          1.8          -8.4          -9.0          7.0          -13.6
-1.86          2912          180.0          62.7          -3.8          180.1          62.6
-85.11          2914          -168.9          -73.7          -8.2          -73.0          -169.6
-83.90          2913          -140.4          -46.7          -10.1          -45.6          -141.5
-2.92          2911          136.3          24.1          -5.7          136.6          23.8

          NODE          Vxx          Vyy
-----
          Cent          0.3          0.0
          2912          0.3          0.1
          2914          0.3          -0.0
          2913          0.3          -0.0
          2911          0.3          0.1

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----
85.20          vento -y          Cent          -0.5          0.3          0.1          0.3          -0.6
85.88          2912          -0.8          0.2          0.1          0.2          -0.8
86.49          2914          -0.8          0.3          0.1          0.4          -0.8
84.27          2913          -0.3          0.3          0.1          0.4          -0.3
82.47          2911          -0.3          0.2          0.1          0.2          -0.3

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
-47.61          Cent          -0.1          -0.1          -0.3          0.2          -0.4
-8.05          2912          2.8          0.9          -0.3          2.8          0.8
-84.00          2914          -3.1          -0.9          -0.2          -0.9          -3.1
-78.83          2913          -1.6          -0.5          -0.2          -0.5          -1.6
-12.91          2911          1.3          0.2          -0.3          1.4          0.2

          NODE          Vxx          Vyy
-----
          Cent          0.0          0.0
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

2912      0.0      0.0
2914      0.0      0.0
2913      0.0      0.0
2911      0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.34	cedime~1	Cent	23.5	-66.0	2.1	23.6	-66.0
1.50		2912	25.1	-54.5	2.1	25.1	-54.6
1.17		2914	25.1	-77.4	2.1	25.1	-77.4
1.21		2913	21.9	-77.4	2.1	22.0	-77.4
1.57		2911	21.9	-54.5	2.1	22.0	-54.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.36	Cent	16.9	14.0	25.5	41.0	-10.1
77.99	2912	-151.3	-49.4	22.7	-44.6	-156.1
6.66	2914	184.4	46.6	16.3	186.3	44.7
23.36	2913	59.9	33.3	14.1	66.0	27.2
70.58	2911	-25.3	25.5	20.5	32.8	-32.5

```

NODE      Vxx      Vyy
Cent      -0.2     -0.1
2912      -0.3     -0.1
2914      -0.3     -0.1
2913      -0.1     -0.1
2911      -0.1     -0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-21.93	perm	Cent	20.3	9.3	-5.3	22.4	7.2
-26.59		2912	18.6	10.7	-5.3	21.2	8.1
-22.20		2914	18.6	7.8	-5.3	20.8	5.7
-18.44		2913	21.9	7.8	-5.3	23.7	6.1
-21.65		2911	21.9	10.7	-5.3	24.0	8.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-33.11	Cent	-2.2	-5.0	-3.2	-0.1	-7.1
-2.88	2912	69.2	21.9	-2.4	69.3	21.8
	2914	-71.2	-22.6	-2.1	-22.5	-71.3

PROJECT TITLE :

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-87.53							
		2913	-55.9	-23.6	-2.0	-23.5	-56.0
-86.48							
		2911	49.0	4.3	-2.3	49.2	4.2
-2.90							

NODE	Vxx	Vyy
Cent	0.1	0.0
2912	0.1	0.0
2914	0.1	0.0
2913	0.1	0.0
2911	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	83.4	28.2	-0.0	83.4	28.0
-0.02			2912	92.7	30.7	-0.0	92.7	30.6
-0.02			2914	92.7	28.6	-0.0	92.7	28.5
-0.02			2913	79.3	28.6	-0.0	79.3	28.5
-0.02			2911	79.3	30.7	-0.0	79.3	30.5
-0.02		Min	Cent	7.4	-58.1	-15.5	23.1	-60.0
-45.50			2912	-5.4	-44.6	-15.5	19.5	-47.3
-58.20			2914	-5.4	-73.0	-15.5	15.7	-74.9
-53.76			2913	13.8	-73.0	-15.5	25.2	-74.7
-36.55			2911	13.8	-44.6	-15.5	27.5	-46.7
-41.49								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	15.5	9.3	26.7	39.3	-5.1
41.67		2912	168.1	52.5	24.1	168.1	52.5
0.70		2914	125.1	27.6	17.5	128.2	24.6
9.86		2913	5.3	10.3	15.7	23.7	-8.0
49.50		2911	112.0	42.9	21.9	112.0	33.9
0.88	Min	Cent	-6.7	-10.2	-13.7	-1.0	-22.3
18.25		2912	-93.9	-31.3	-11.1	-29.2	-96.0
79.80		2914	-178.7	-54.1	-9.1	-53.5	-179.3
-85.86		2913	-122.2	-48.0	-8.8	-47.0	-123.2
-83.33		2911	20.8	-3.5	-10.7	31.2	-5.7
46.90							

NODE	Vxx	Vyy	
Max	Cent	0.3	0.0
	2912	0.3	0.1

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	2914	0.3	0.0
	2913	0.2	0.0
	2911	0.2	0.1
Min	Cent	-0.1	-0.0
	2912	-0.2	-0.1
	2914	-0.2	-0.0
	2913	0.0	-0.0
	2911	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-14.67	INV TO~2	Max Cent	98.1	28.2	-0.0	104.3	28.0
-15.98		2912	101.0	30.7	-0.0	107.9	30.6
-12.84		2914	101.0	28.6	-0.0	106.5	28.5
-13.55		2913	95.1	28.6	-0.0	100.8	28.5
-17.04		2911	95.1	30.7	-0.0	102.4	30.5
-45.50		Min Cent	7.4	-58.1	-23.9	23.1	-60.0
-58.20		2912	-5.4	-44.6	-23.9	19.5	-47.3
-53.76		2914	-5.4	-73.0	-23.9	15.7	-74.9
-36.55		2913	13.8	-73.0	-23.9	25.2	-74.7
-41.49		2911	13.8	-44.6	-23.9	27.5	-46.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

41.67		Max Cent	15.5	9.3	26.7	-5.1	
-1.86		2912	243.0	84.7	24.1	243.2	84.5
9.86		2914	125.1	27.6	17.5	128.2	24.6
49.50		2913	5.3	10.3	15.7	23.7	-8.0
-2.92		2911	184.0	42.9	21.9	184.4	33.9
18.25		Min Cent	-6.7	-11.3	-13.7	-1.0	-22.3
79.80		2912	-93.9	-31.3	-11.1	-29.2	-96.0
-85.11		2914	-228.0	-99.5	-11.1	-98.6	-228.9
-83.90		2913	-189.6	-63.1	-13.7	-61.6	-191.0
46.90		2911	20.8	-3.5	-10.7	31.2	-5.7

	NODE	Vxx	Vyy

Max	Cent	0.4	0.0
	2912	0.5	0.1
	2914	0.5	0.0
	2913	0.4	0.0
	2911	0.4	0.1
Min	Cent	-0.1	-0.0
	2912	-0.2	-0.1

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2914 -0.2 -0.1
 2913 0.0 -0.1
 2911 0.0 -0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3081	2	12	c mob-a	Max Cent	1.0	4.8	11.1	14.2	-8.4
49.86				2986	2.9	16.0	11.1	22.4	-3.4
60.26				2988	2.9	15.5	11.1	22.0	-3.6
59.72				2987	1.1	15.5	11.1	21.5	-5.0
61.48				2985	1.1	16.0	11.1	22.0	-4.9
61.98			Min Cent	2986	-316.1	-8.5	-11.0	-8.1	-316.5
-87.95				2986	-436.3	-7.6	-11.0	-7.4	-436.6
-88.52				2988	-436.3	-25.9	-11.0	-25.6	-436.6
-88.46				2987	-239.7	-25.9	-11.0	-25.3	-240.3
-87.05				2985	-239.7	-7.6	-11.0	-7.1	-240.3
-87.28									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin

			Max Cent	2986	25.1	33.5	13.7	43.6	15.0
53.49				2986	32.0	6.9	13.7	38.0	0.8
23.72				2988	52.6	3.3	14.8	56.7	-0.8
15.48				2987	38.7	102.4	14.6	105.6	35.5
77.71				2985	7.1	49.7	14.8	54.3	2.5
72.62			Min Cent	2986	-14.7	-8.3	-40.6	29.2	-52.2
-47.27				2986	-16.7	-1.2	-27.8	19.9	-37.8
-52.82				2988	-24.7	-10.9	-47.9	30.6	-66.2
-49.09				2987	-18.8	-25.1	-50.3	28.5	-72.4
-43.22				2985	-22.0	-15.9	-30.5	11.7	-49.6
-47.87									

				NODE	Vxx	Vyy			

			Max Cent	2986	0.0	0.0			
				2986	0.0	0.0			
				2988	0.0	0.1			
				2987	0.0	0.1			
				2985	0.0	0.0			
			Min Cent	2986	-0.0	-0.2			
				2986	-0.1	-0.1			
				2988	-0.1	-0.2			
				2987	-0.0	-0.2			
				2985	-0.0	-0.1			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.28	c mob-b Max	Cent	0.7	6.8	13.7	17.8	-10.2
58.31		2986	3.5	17.3	13.7	25.7	-4.9
62.10		2988	3.5	22.1	13.7	29.4	-3.7
63.94		2987	0.8	22.1	13.7	28.8	-5.8
60.47		2985	0.8	17.3	13.7	25.0	-6.9
-87.61	Min	Cent	-332.9	-10.2	-13.5	-9.7	-333.4
-88.28		2986	-460.4	-11.1	-13.5	-10.6	-460.8
-88.21		2988	-460.4	-28.9	-13.5	-28.5	-460.8
-86.73		2987	-264.9	-28.9	-13.5	-28.1	-265.7
-86.96		2985	-264.9	-11.1	-13.5	-10.3	-265.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
52.49	Max	Cent	30.5	41.1	19.9	56.4	15.2
23.58		2986	43.3	8.2	18.9	51.5	-0.1
18.50		2988	64.1	5.1	22.2	71.6	-2.3
75.45		2987	42.6	121.7	22.0	127.4	36.9
70.21		2985	11.3	68.7	23.7	77.3	2.8
-46.76	Min	Cent	-19.4	-12.9	-53.2	37.2	-69.5
-53.95		2986	-26.5	-2.2	-37.6	25.2	-53.9
-50.33		2988	-34.0	-11.7	-59.3	37.5	-83.2
-42.46		2987	-26.7	-38.0	-63.7	31.5	-96.3
-46.48		2985	-25.2	-20.8	-42.2	19.2	-65.2
		NODE	Vxx	Vyy			
	Max	Cent	0.0	0.1			
		2986	0.1	0.1			
		2988	0.1	0.1			
		2987	0.0	0.1			
		2985	0.0	0.1			
	Min	Cent	-0.0	-0.2			
		2986	-0.1	-0.2			
		2988	-0.1	-0.3			
		2987	-0.0	-0.3			
		2985	-0.0	-0.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-710.1	7.2	3.5	7.3	-710.2

PROJECT TITLE :

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			2987	-0.0	-0.0		
			2985	-0.0	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-0.22	cedime~1	Cent	44.7	-0.4	-0.2	44.7	-0.4
-0.22		2986	45.9	-0.0	-0.2	45.9	-0.0
-0.22		2988	45.9	-0.7	-0.2	45.9	-0.7
-0.23		2987	43.5	-0.7	-0.2	43.5	-0.7
-0.23		2985	43.5	-0.0	-0.2	43.5	-0.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

32.13		Cent	0.8	-1.0	1.9	2.0	-2.2
34.07		2986	0.8	-0.2	1.3	1.7	-1.1
44.80		2988	0.3	0.3	2.3	2.6	-2.0
30.42		2987	-0.5	-3.0	2.3	0.9	-4.4
17.35		2985	2.6	-1.0	1.2	3.0	-1.4
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		2986	0.0	0.0			
		2988	0.0	0.0			
		2987	0.0	0.0			
		2985	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

89.76	perm	Cent	-215.0	3.4	0.9	3.4	-215.0
89.77		2986	-225.2	-4.9	0.9	-4.9	-225.2
89.78		2988	-225.2	11.7	0.9	11.7	-225.2
89.76		2987	-204.8	11.7	0.9	11.7	-204.9
89.74		2985	-204.8	-4.9	0.9	-4.9	-204.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-75.51		Cent	-6.6	0.1	-1.8	0.6	-7.0
-70.97		2986	-4.1	0.4	-1.8	1.1	-4.7
-81.85		2988	-9.4	-0.2	-1.4	-0.0	-9.6
		2987	-6.9	-1.8	-1.6	-1.4	-7.3

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-74.09
-76.53

2985 -5.8 2.0 -2.0 2.5 -6.3

NODE	Vxx	Vyy
Cent	0.0	0.0
2986	0.0	-0.0
2988	0.0	0.0
2987	-0.0	0.0
2985	-0.0	-0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Max	Cent	-169.0	12.6	19.4	14.3	-171.1
		2986	-174.6	18.4	19.4	20.3	-176.5
		2988	-174.6	41.6	19.4	43.0	-176.3
		2987	-159.9	41.6	19.4	43.1	-161.7
		2985	-159.9	18.4	19.4	20.4	-162.0
Min	Cent	-664.4	-10.8	-17.5	-10.3	-664.9	
		2986	-846.8	-19.8	-17.5	-19.5	-847.1
		2988	-846.8	-28.0	-17.5	-27.6	-847.1
		2987	-562.5	-28.0	-17.5	-27.4	-563.0
		2985	-562.5	-19.8	-17.5	-19.3	-563.0

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin	
Max	Cent	35.4	55.6	26.9	73.5	18.0
	2986	55.1	11.5	25.0	66.5	0.9
	2988	77.4	7.0	31.0	89.1	-3.5
	2987	50.6	162.4	30.5	169.1	43.9
	2985	12.1	94.8	31.3	104.4	1.4
Min	Cent	-32.8	-18.3	-73.7	47.1	-99.1
	2986	-39.8	-2.7	-52.6	33.5	-76.9
	2988	-55.4	-16.0	-81.5	46.2	-119.5
	2987	-43.4	-56.2	-87.5	35.6	-135.7
	2985	-39.8	-27.1	-58.9	25.7	-92.3

NODE	Vxx	Vyy	
Max	Cent	0.0	0.1
	2986	0.1	0.1
	2988	0.1	0.1
	2987	0.0	0.1

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	Min	2985	0.0	0.1
	Cent	2986	-0.0	-0.3
		2988	-0.1	-0.2
		2987	-0.1	-0.4
		2985	-0.1	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
85.15	INV TO~2	Max Cent	-169.0	12.6	19.4	14.3	-171.1
84.37		2986	-174.6	18.4	19.4	20.3	-176.5
85.80		2988	-174.6	41.6	19.4	43.0	-176.3
85.51		2987	-159.9	41.6	19.4	43.1	-161.7
83.92		2985	-159.9	18.4	19.4	20.4	-162.0
-88.35		Min Cent	-958.7	-10.8	-17.5	-10.3	-958.7
-88.72		2986	-1062.4	-19.8	-17.5	-19.5	-1062.4
-88.70		2988	-1062.4	-28.0	-17.5	-27.6	-1062.4
-87.96		2987	-855.0	-28.0	-17.5	-27.4	-855.0
-88.17		2985	-855.0	-19.8	-17.5	-19.3	-855.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.41	Max Cent	35.4	148.6	26.9	149.1	18.0
24.40	2986	55.1	11.5	25.0	66.5	0.9
20.67	2988	77.4	7.0	31.0	89.1	-3.5
-88.98	2987	55.2	287.4	30.5	287.4	55.2
-88.10	2985	66.7	308.6	31.3	308.8	66.4
-47.72	Min Cent	-32.8	-18.3	-73.7	47.1	-99.1
-40.45	2986	-39.8	-2.7	-52.6	12.1	-76.9
-86.62	2988	-71.1	-16.0	-81.5	-4.2	-119.5
-42.85	2987	-43.4	-56.2	-87.5	35.6	-135.7
-47.50	2985	-39.8	-27.1	-58.9	25.7	-92.3

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2986	0.1	0.1
	2988	0.1	0.1
	2987	0.0	0.1
	2985	0.0	0.1
Min	Cent	-0.0	-0.6
	2986	-0.1	-0.6
	2988	-0.1	-0.5
	2987	-0.1	-0.5

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	Author				File Name		

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
					2985	-0.1	-0.6			

3082	2	12	c mob-a	Max Cent	1.6	43.0	10.2	45.4	-0.8	
					2988	7.1	13.5	10.2	21.0	-0.4
					2842	7.1	124.2	10.2	125.0	6.2
					2989	1.0	124.2	10.2	125.0	0.2
					2987	1.0	13.5	10.2	19.2	-4.7
					Min Cent	-359.0	-19.2	-13.3	-18.7	-359.6
					2988	-431.0	-39.3	-13.3	-38.9	-431.4
					2842	-431.0	-52.3	-13.3	-51.8	-431.4
					2989	-305.7	-52.3	-13.3	-51.6	-306.4
					2987	-305.7	-39.3	-13.3	-38.7	-306.4
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

					Max Cent	12.2	34.4	26.9	52.4	-5.8
					2988	105.7	8.3	28.5	113.4	0.5
					2842	66.7	20.9	18.5	73.3	14.4
					2989	57.5	47.0	18.2	71.2	33.4
					2987	4.6	90.1	27.9	98.5	-3.7
					Min Cent	-30.6	-8.0	-104.4	85.7	-124.3
					2988	-38.4	-6.7	-100.3	79.0	-124.1
					2842	-154.9	-11.7	-86.9	29.3	-195.9
					2989	-38.8	-21.6	-85.8	56.1	-116.5
					2987	-24.4	-23.0	-99.0	75.3	-122.7
					NODE	Vxx	Vyy			
					Max Cent	0.1	0.0			
					2988	0.2	0.1			
					2842	0.2	0.1			
					2989	0.0	0.1			
					2987	0.0	0.1			
					Min Cent	-0.0	-0.1			
					2988	-0.1	-0.2			
					2842	-0.1	-0.0			
					2989	-0.1	-0.0			
					2987	-0.1	-0.2			

				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	c mob-b	Max	Cent	1.8	48.8	13.4	52.4	-1.8
75.12				2988	13.6	20.8	13.4	31.1
52.53				2842	13.6	140.7	13.4	142.1
84.03				2989	0.8	140.7	13.4	142.0
84.56				2987	0.8	20.8	13.4	27.6
63.35								
-87.50		Min	Cent	-383.2	-28.0	-15.6	-27.3	-383.9
-87.93				2988	-475.2	-44.7	-15.6	-44.1
-87.77				2842	-475.2	-76.8	-15.6	-76.2
-86.39				2989	-322.6	-76.8	-15.6	-75.8
-86.81				2987	-322.6	-44.7	-15.6	-43.8
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								
		Max	Cent	16.4	41.9	40.3	71.4	-13.1
53.76				2988	125.2	10.2	42.4	-3.7
18.21				2842	90.4	22.9	28.7	12.4
20.17				2989	74.2	60.7	27.9	38.7
38.18				2987	7.0	109.4	41.3	124.0
70.55								
-48.02		Min	Cent	-38.0	-11.7	-124.4	100.3	-149.9
-50.51				2988	-54.3	-8.2	-118.4	89.4
-63.94				2842	-178.1	-15.3	-104.6	35.9
-48.51				2989	-55.9	-30.3	-103.7	61.4
-44.56				2987	-30.0	-33.6	-117.2	85.4
			NODE	Vxx	Vyy			
		Max	Cent	0.1	0.0			
				2988	0.2	0.1		
				2842	0.2	0.1		
				2989	0.0	0.1		
				2987	0.0	0.1		
		Min	Cent	-0.1	-0.1			
				2988	-0.1	-0.3		
				2842	-0.1	-0.0		
				2989	-0.1	-0.0		
				2987	-0.1	-0.3		
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								
		pp	Cent	-739.8	-24.1	1.4	-24.1	-739.8
89.89				2988	-763.1	13.8	13.8	-763.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.90							
		2842	-763.1	-62.0	1.4	-62.0	-763.1
89.89							
		2989	-716.5	-62.0	1.4	-62.0	-716.5
89.88							
		2987	-716.5	13.8	1.4	13.8	-716.5
89.89							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	2.2	58.1	22.6	66.1	-5.8
70.49							
		2988	-62.0	-6.1	27.7	5.3	-73.4
67.65							
		2842	38.8	13.3	22.9	52.3	-0.2
30.44							
		2989	-18.3	9.5	7.4	11.3	-20.2
76.05							
		2987	50.3	215.7	12.1	216.6	49.4
85.83							

		NODE	Vxx	Vyy
		Cent	-0.0	-0.2
		2988	-0.1	-0.4
		2842	-0.1	-0.0
		2989	0.0	-0.0
		2987	0.0	-0.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	28.6	3.0	-0.2	28.6	3.0
-0.46							
		2988	28.2	-2.2	-0.2	28.2	-2.2
-0.39							
		2842	28.2	8.2	-0.2	28.2	8.2
-0.59							
		2989	28.9	8.2	-0.2	29.0	8.2
-0.57							
		2987	28.9	-2.2	-0.2	29.0	-2.2
-0.38							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	0.1	0.4	-1.3	1.6	-1.1
-47.48							
		2988	2.0	0.1	-1.3	2.7	-0.5
-27.36							
		2842	-2.3	-0.0	-1.0	0.3	-2.7
-69.55							
		2989	0.7	-0.0	-1.0	1.4	-0.7
-35.69							
		2987	0.1	1.4	-1.3	2.2	-0.7
-57.19							

		NODE	Vxx	Vyy
		Cent	0.0	-0.0
		2988	0.0	-0.0
		2842	0.0	0.0
		2989	-0.0	0.0
		2987	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.06	cedime~1	Cent	46.7	0.7	0.0	46.7	0.7
0.07		2988	42.8	-0.1	0.0	42.8	-0.1
0.07		2842	42.8	1.5	0.0	42.8	1.5
0.06		2989	50.5	1.5	0.0	50.5	1.5
0.06		2987	50.5	-0.1	0.0	50.5	-0.1
			NODE	Mxx	Myy	Mxy	Mmax
33.91		Cent	2.5	-0.7	3.9	5.1	-3.3
51.81		2988	-2.5	-0.6	4.0	2.6	-5.7
16.54		2842	9.3	0.8	2.8	10.1	-0.0
37.07		2989	0.8	-0.8	2.7	2.8	-2.9
30.19		2987	2.3	-2.2	4.0	4.7	-4.5
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		2988	-0.0	0.0			
		2842	-0.0	-0.0			
		2989	0.0	-0.0			
		2987	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.76	perm	Cent	-221.6	-14.2	0.9	-14.2	-221.6
89.79		2988	-225.1	9.8	0.9	9.8	-225.1
89.73		2842	-225.1	-38.1	0.9	-38.1	-225.1
89.72		2989	-218.0	-38.1	0.9	-38.1	-218.1
89.78		2987	-218.0	9.8	0.9	9.8	-218.1
			NODE	Mxx	Myy	Mxy	Mmax
74.99		Cent	-7.4	-3.2	1.2	-2.8	-7.7
82.69		2988	-10.1	-0.4	1.3	-0.2	-10.3
72.09		2842	-2.6	0.6	1.2	1.0	-3.0
27.31		2989	-10.7	-11.2	0.4	-10.5	-11.4
		2987	-6.2	-1.6	0.5	-1.6	-6.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.66

NODE	Vxx	Vyy
Cent	-0.0	0.0
2988	-0.0	0.0
2842	-0.0	0.0
2989	0.0	0.0
2987	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
85.19	INV TO~1	Max	Cent	-172.4	52.4	19.1	54.0	-174.1
84.65			2988	-163.9	37.9	19.1	39.5	-165.7
86.57			2842	-163.9	153.4	19.1	154.5	-165.1
86.60			2989	-166.1	153.4	19.1	154.5	-167.3
84.70			2987	-166.1	37.9	19.1	39.5	-167.9
-88.32		Min	Cent	-738.9	-52.0	-20.1	-51.4	-739.5
-88.51			2988	-866.7	-50.7	-20.1	-50.2	-867.2
-88.41			2842	-866.7	-141.7	-20.1	-141.2	-867.2
-87.75			2989	-653.6	-141.7	-20.1	-141.0	-654.3
-87.92			2987	-653.6	-50.7	-20.1	-50.0	-654.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-48.40	Max	Cent	17.2	53.3	59.5	129.1	-24.8
20.53		2988	159.0	13.4	62.6	179.9	-7.2
20.74		2842	128.7	32.3	42.6	144.9	16.2
37.98		2989	90.2	70.7	40.8	122.1	40.9
69.46		2987	5.5	146.1	60.3	166.5	-16.3
54.56	Min	Cent	-58.6	-19.6	-166.7	92.9	-206.7
-51.73		2988	-85.9	-12.0	-158.6	110.0	-210.1
-64.26		2842	-243.1	-20.0	-140.1	47.5	-310.6
-48.38		2989	-86.1	-52.9	-139.6	68.7	-209.8
-44.55		2987	-46.7	-49.3	-157.7	106.9	-204.6

NODE	Vxx	Vyy	
Max	Cent	0.1	0.1
	2988	0.3	0.1
	2842	0.3	0.1
	2989	0.1	0.1
	2987	0.1	0.1
Min	Cent	-0.1	-0.2

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2988 -0.2 -0.4
 2842 -0.2 -0.0
 2989 -0.1 -0.0
 2987 -0.1 -0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
85.19	INV TO~2	Max Cent	-172.4	52.4	19.1	54.0	-174.1
84.65		2988	-163.9	37.9	19.1	39.5	-165.7
86.57		2842	-163.9	153.4	19.1	154.5	-165.1
86.60		2989	-166.1	153.4	19.1	154.5	-167.3
84.70		2987	-166.1	37.9	19.1	39.5	-167.9
-88.32		Min Cent	-998.7	-52.0	-20.1	-51.4	-998.7
-88.51		2988	-1030.1	-50.7	-20.1	-50.2	-1030.2
-88.41		2842	-1030.1	-141.7	-20.1	-141.2	-1030.2
-87.75		2989	-967.3	-141.7	-20.1	-141.0	-967.3
-87.92		2987	-967.3	-50.7	-20.1	-50.0	-967.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-48.40	Max Cent	17.2	78.4	59.5	129.1	-7.9
20.53	2988	159.0	13.4	62.6	179.9	-7.2
20.74	2842	128.7	32.3	42.6	144.9	16.2
37.98	2989	90.2	70.7	40.8	122.1	40.9
85.83	2987	67.9	291.2	60.3	292.4	66.8
70.49	Min Cent	-58.6	-19.6	-166.7	89.3	-206.7
67.65	2988	-85.9	-12.0	-158.6	7.2	-210.1
-64.26	2842	-243.1	-20.0	-140.1	47.5	-310.6
76.05	2989	-86.1	-52.9	-139.6	15.3	-209.8
-44.55	2987	-46.7	-49.3	-157.7	106.9	-204.6

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	2988	0.3	0.1
	2842	0.3	0.1
	2989	0.1	0.1
	2987	0.1	0.1
Min	Cent	-0.1	-0.3
	2988	-0.2	-0.5
	2842	-0.2	-0.0
	2989	-0.1	-0.0
	2987	-0.1	-0.5

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3121	2	12	c mob-a	Max Cent	71.3	30.6	20.7	79.9	22.0
22.74				3138	124.5	50.3	20.7	129.9	44.9
14.56				3142	124.5	31.8	20.7	128.9	27.4
12.02				3141	48.0	31.8	20.7	62.1	17.7
34.33				3137	48.0	50.3	20.7	69.8	28.4
46.61				Min Cent	-40.8	-7.2	-31.4	11.6	-59.6
-59.04				3138	-94.1	-15.4	-31.4	-4.4	-105.2
-70.70				3142	-94.1	-8.0	-31.4	2.2	-104.4
-71.94				3141	-27.9	-8.0	-31.4	15.0	-50.9
-53.79				3137	-27.9	-15.4	-31.4	10.4	-53.7
-50.64									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.78				Max Cent	0.8	1.6	13.9	15.1	-12.7
9.58				3138	72.8	19.8	9.2	74.4	18.2
6.79				3142	156.4	42.5	13.8	158.1	40.9
7.56				3141	139.1	34.6	14.1	140.9	32.8
21.44				3137	32.1	9.7	10.4	36.2	5.7
-28.88				Min Cent	-10.4	-22.0	-9.1	-5.4	-27.0
-87.56				3138	-172.7	-35.9	-5.8	-35.6	-172.9
-84.70				3142	-72.8	-15.4	-5.4	-14.9	-73.3
-23.89				3141	-53.0	-65.0	-6.6	-50.1	-68.0
-83.14				3137	-156.2	-99.8	-6.9	-99.0	-157.0
				Max Cent	0.1	0.1			
				3138	0.1	0.2			
				3142	0.1	0.1			
				3141	0.1	0.1			
				3137	0.1	0.2			
				Min Cent	-0.3	-0.0			
				3138	-0.3	-0.0			
				3142	-0.3	-0.0			
				3141	-0.3	-0.0			
				3137	-0.3	-0.0			
ANGLE			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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32.76	c mob-b	Max	Cent	80.9	27.4	58.7	118.6	-10.4
20.36			3138	180.0	43.6	58.7	201.8	21.8
18.95			3142	180.0	29.2	58.7	200.1	9.0
39.37			3141	52.6	29.2	58.7	100.7	-19.0
42.82			3137	52.6	43.6	58.7	107.0	-10.8
-50.07		Min	Cent	-39.0	-30.3	-24.4	-9.8	-59.5
-57.97			3138	-95.2	-71.5	-24.4	-56.2	-110.5
-74.16			3142	-95.2	-16.1	-24.4	-9.1	-102.2
-61.24			3141	-47.2	-16.1	-24.4	-2.6	-60.6
-31.78			3137	-47.2	-71.5	-24.4	-32.0	-86.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.40		Max	Cent	6.4	7.7	13.2	20.2	-6.1
8.90			3138	70.9	9.7	9.8	72.5	8.2
6.29			3142	152.9	42.0	12.4	154.3	40.7
6.63			3141	149.1	35.4	13.4	150.7	33.8
44.83			3137	27.2	27.1	10.7	37.9	16.4
-32.49		Min	Cent	-8.9	-24.3	-16.5	1.6	-34.8
-86.87			3138	-164.8	-40.1	-6.8	-39.7	-165.2
-75.24			3142	-57.0	-13.5	-12.3	-10.3	-60.3
-34.78			3141	-37.3	-48.6	-15.1	-26.8	-59.0
-81.00			3137	-167.5	-107.5	-9.7	-105.9	-169.0

			NODE	Vxx	Vyy
	Max	Cent		0.1	0.1
		3138		0.1	0.2
		3142		0.1	0.1
		3141		0.1	0.1
		3137		0.1	0.2
	Min	Cent		-0.3	-0.1
		3138		-0.3	-0.1
		3142		-0.3	-0.0
		3141		-0.3	-0.0
		3137		-0.3	-0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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12.45	pp		Cent	159.2	13.0	33.9	166.7	5.6
8.16			3138	233.6	1.9	33.9	238.4	-3.0
			3142	233.6	24.2	33.9	238.9	18.8

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8.98							
	3141	84.8	24.2	33.9	100.0	9.0	
24.11							
	3137	84.8	1.9	33.9	96.9	-10.2	
19.65							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	-3.0	-3.5	6.5	3.2	-9.8	
43.83							
	3138	-167.4	-70.7	9.3	-69.8	-168.3	
84.54							
	3142	161.0	53.4	7.3	161.5	52.9	
3.87							
	3141	187.1	42.8	6.7	187.4	42.5	
2.66							
	3137	-192.7	-39.6	8.7	-39.1	-193.2	
86.75							

	NODE	Vxx	Vyy
	Cent	-0.4	-0.0
	3138	-0.3	-0.1
	3142	-0.3	0.0
	3141	-0.4	0.0
	3137	-0.4	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-0.2	-0.4	-1.4	1.1	-1.6
-42.36							
		3138	-0.0	0.6	-1.4	1.7	-1.1
-51.13							
		3142	-0.0	-1.4	-1.4	0.8	-2.2
-31.50							
		3141	-0.3	-1.4	-1.4	0.6	-2.3
-34.04							
		3137	-0.3	0.6	-1.4	1.6	-1.3
-53.99							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	-0.0	0.1	0.2	0.3	-0.2	
50.58							
	3138	-2.6	-0.7	0.2	-0.7	-2.6	
85.15							
	3142	2.5	0.7	0.2	2.5	0.7	
5.74							
	3141	1.9	1.1	0.2	2.0	1.1	
15.90							
	3137	-1.9	-0.8	0.2	-0.8	-1.9	
78.40							

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	3138	-0.0	0.0
	3142	-0.0	-0.0
	3141	-0.0	-0.0
	3137	-0.0	0.0

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	15.7	-30.7	-8.0	17.1	-32.1
-9.49		3138	58.5	-28.6	-8.0	59.3	-29.3
-5.20		3142	58.5	-32.9	-8.0	59.2	-33.6
-4.96		3141	-27.1	-32.9	-8.0	-21.5	-38.5
-34.95		3137	-27.1	-28.6	-8.0	-19.8	-35.8
-42.37							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	9.6	24.8	-8.1	28.3	6.1
-66.62		3138	70.0	14.1	-7.8	71.1	13.0
-7.80		3142	-69.6	-28.8	-8.2	-27.2	-71.2
-79.10		3141	-37.6	46.9	-6.9	47.5	-38.1
-85.36		3137	75.6	67.0	-6.5	79.1	63.5
-28.38							
		NODE	Vxx	Vyy			

		Cent	0.1	-0.1			
		3138	0.1	-0.1			
		3142	0.1	-0.1			
		3141	0.1	-0.1			
		3137	0.1	-0.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	52.3	2.2	6.6	53.2	1.3
7.38		3138	85.8	2.7	6.6	86.4	2.2
4.52		3142	85.8	1.6	6.6	86.4	1.1
4.46		3141	18.8	1.6	6.6	21.1	-0.6
18.74		3137	18.8	2.7	6.6	21.2	0.4
19.70							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-2.1	-1.2	1.7	0.1	-3.4
52.19		3138	-59.0	-17.8	1.7	-17.8	-59.1
87.62		3142	53.7	15.3	2.6	53.8	15.1
3.91		3141	61.9	17.1	2.4	62.0	17.0
3.09		3137	-64.7	-19.4	1.5	-19.4	-64.8
88.10							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.1	0.0
3138	-0.1	-0.0
3142	-0.1	0.0
3141	-0.1	0.0
3137	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
21.72	INV TO~1	Max	Cent	177.2	43.5	85.9	208.2	-1.7
12.14			3138	387.3	70.6	85.9	404.1	44.7
11.26			3142	387.3	44.6	85.9	402.8	20.7
37.62			3141	89.8	44.6	85.9	156.0	-21.6
41.82			3137	89.8	70.6	85.9	166.6	-6.2
-31.67		Min	Cent	-2.7	-69.4	-43.8	19.4	-88.4
-27.28			3138	-42.7	-122.3	-43.8	-24.2	-135.0
-53.76			3142	-42.7	-53.0	-43.8	6.2	-74.3
-51.09			3141	-71.9	-53.0	-43.8	-17.6	-107.3
-30.06			3137	-71.9	-122.3	-43.8	-46.5	-147.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
62.85	Max	Cent	16.2	34.0	20.5	40.3	9.8
4.72		3138	109.3	22.9	15.0	109.9	22.4
6.22		3142	264.8	72.7	21.2	267.1	70.4
6.11		3141	263.2	111.7	21.5	265.5	109.9
73.91		3137	54.2	84.2	16.0	86.9	51.5
-33.31	Min	Cent	-16.1	-34.0	-28.7	-2.6	-47.5
-88.05		3138	-292.2	-71.9	-15.3	-71.7	-292.4
-75.51		3142	-114.3	-34.2	-22.2	-28.5	-120.0
-57.65		3141	-47.3	-70.7	-24.8	-8.0	-75.6
-84.77		3137	-290.8	-164.5	-18.2	-163.5	-291.9

NODE	Vxx	Vyy	
Max	Cent	0.1	0.2
	3138	0.2	0.2
	3142	0.2	0.2
	3141	0.1	0.2
	3137	0.1	0.2
Min	Cent	-0.5	-0.2
	3138	-0.6	-0.3
	3142	-0.6	-0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
				3141	-0.5	-0.2				
				3137	-0.5	-0.3				
			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
			INV TO~2	Max	Cent	214.9	43.5	85.9	225.0	7.5
12.45				3138	387.3	70.6	85.9	404.1	44.7	
12.14				3142	387.3	44.6	85.9	402.8	25.4	
11.26				3141	114.5	44.6	85.9	156.0	12.2	
37.62				3137	114.5	70.6	85.9	166.6	-6.2	
41.82				Min	Cent	-2.7	-69.4	-43.8	19.4	-88.4
-31.67				3138	-42.7	-122.3	-43.8	-24.2	-135.0	
-27.28				3142	-42.7	-53.0	-43.8	6.2	-74.3	
-53.76				3141	-71.9	-53.0	-43.8	-17.6	-107.3	
-51.09				3137	-71.9	-122.3	-43.8	-46.5	-147.6	
-30.06										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE										
				Max	Cent	16.2	34.0	20.5	40.3	9.8
62.85				3138	109.3	22.9	15.0	109.9	22.4	
4.72				3142	264.8	72.7	21.2	267.1	71.4	
6.22				3141	263.2	111.7	21.5	265.5	109.9	
6.11				3137	54.2	84.2	16.0	86.9	51.5	
73.91				Min	Cent	-16.1	-34.0	-28.7	-2.6	-47.5
-33.31				3138	-292.2	-95.4	-15.3	-94.2	-292.4	
84.54				3142	-114.3	-34.2	-22.2	-28.5	-120.0	
-75.51				3141	-47.3	-70.7	-24.8	-8.0	-75.6	
-57.65				3137	-290.8	-164.5	-18.2	-163.5	-291.9	
-84.77										
				NODE	Vxx	Vyy				
				Max	Cent	0.1	0.2			
					3138	0.2	0.2			
					3142	0.2	0.2			
					3141	0.1	0.2			
					3137	0.1	0.2			
				Min	Cent	-0.5	-0.2			
					3138	-0.6	-0.3			
					3142	-0.6	-0.2			
					3141	-0.5	-0.2			
					3137	-0.5	-0.3			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

3122	2	12	c mob-a	Max	Cent	29.3	38.6	19.0	53.5	14.4	
51.88											
					3142	54.7	27.7	19.0	64.5	17.9	
27.32											
					2863	54.7	56.7	19.0	74.7	36.6	
46.52											
					3146	35.8	56.7	19.0	67.9	24.6	
59.37											
					3141	35.8	27.7	19.0	51.2	12.3	
38.95											
				Min	Cent	-11.9	-4.1	-9.5	2.2	-18.2	
-56.10											
					3142	-37.0	-13.2	-9.5	-9.9	-40.3	
-70.74											
					2863	-37.0	-7.9	-9.5	-5.1	-39.8	
-73.44											
					3146	-10.5	-7.9	-9.5	0.3	-18.8	
-48.91											
					3141	-10.5	-13.2	-9.5	-2.3	-21.4	
-41.02											

ANGLE

					NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	14.1	4.6	20.9	30.8	-12.0	
38.59											
					3142	46.3	13.2	20.0	55.7	3.8	
25.20											
					2863	164.1	19.4	10.5	164.9	18.6	
4.12											
					3146	65.0	30.4	10.7	68.0	27.3	
15.87											
					3141	44.5	4.3	21.5	53.9	-5.0	
23.47											
				Min	Cent	-1.8	-23.9	-5.1	-0.7	-25.0	
-12.30											
					3142	-133.7	-38.4	-1.8	-38.4	-133.8	
-88.93											
					2863	-22.7	-6.9	-9.7	-2.3	-27.4	
-64.58											
					3146	-43.4	-37.3	-10.7	-29.3	-51.4	
-52.99											
					3141	-75.5	-65.6	-1.9	-65.2	-75.9	
-79.49											

NODE Vxx Vyy

				Max	Cent	0.1	0.1				
					3142	0.1	0.1				
					2863	0.1	0.1				
					3146	0.1	0.1				
					3141	0.1	0.1				
				Min	Cent	-0.2	-0.0				
					3142	-0.3	-0.0				
					2863	-0.3	-0.1				
					3146	-0.1	-0.1				
					3141	-0.1	-0.0				

ANGLE

					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
				Max		Cent	38.8	22.8	24.5	56.6	5.1
35.94											

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

23.11		3142	67.2	20.3	24.5	77.6	9.8
28.35		2863	67.2	35.0	24.5	80.4	21.8
39.67		3146	44.3	35.0	24.5	64.5	14.8
31.94		3141	44.3	20.3	24.5	59.5	5.0
-45.45	Min	Cent	-23.5	-22.9	-20.9	-2.3	-44.1
-71.52		3142	-76.5	-21.0	-20.9	-14.0	-83.5
-65.52		2863	-76.5	-40.1	-20.9	-30.6	-86.0
-27.51		3146	-10.8	-40.1	-20.9	0.0	-51.0
-38.20		3141	-10.8	-21.0	-20.9	5.6	-37.4

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6.0	4.2	21.3	26.5	-16.2
43.79			3142	58.7	16.7	21.9	68.0	7.3
23.08			2863	143.2	17.8	11.7	144.3	16.7
5.27			3146	72.2	20.7	9.4	73.9	19.1
10.00			3141	30.3	13.2	19.9	43.4	0.1
33.34	Min	Cent	-3.0	-21.8	-16.1	6.2	-31.0	
-29.79			3142	-115.2	-35.4	-11.5	-33.8	-116.8
-81.93			2863	-60.6	-8.4	-11.3	-6.0	-63.0
-78.27			3146	-36.4	-37.0	-11.4	-25.3	-48.1
-44.15			3141	-85.9	-73.6	-12.1	-66.2	-93.3

		NODE	Vxx	Vyy
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	Max	Cent	0.0	0.1
		3142	0.1	0.1
		2863	0.1	0.1
		3146	0.1	0.1
		3141	0.1	0.1
	Min	Cent	-0.2	-0.0
		3142	-0.3	-0.0
		2863	-0.3	-0.1
		3146	-0.1	-0.1
		3141	-0.1	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	----	------	-----	-----	-----	------	------

		pp	Cent	55.9	21.5	30.1	73.3	4.0
30.10			3142	65.2	-6.8	30.1	76.1	-17.7
19.93			2863	65.2	49.7	30.1	88.5	26.4
37.76			3146	46.6	49.7	30.1	78.3	18.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.49
24.21

3141 46.6 -6.8 30.1 60.1 -20.3
 NODE Mxx Myy Mxy Mmax Mmin

Cent 8.4 -8.7 10.5 13.4 -13.7

25.44 3142 -99.2 -24.7 16.3 -21.3 -102.6

78.21 2863 132.8 12.8 4.9 133.0 12.6

2.32 3146 93.0 18.4 2.1 93.1 18.4

1.59 3141 -93.1 -41.3 13.5 -38.0 -96.4

76.28

NODE Vxx Vyy

Cent -0.2 0.0

3142 -0.2 0.0

2863 -0.2 -0.0

3146 -0.2 -0.0

3141 -0.2 0.0

LC NODE Fxx Fyy Fxy Fmax Fmin

28.14 vento -y Cent 0.8 -0.1 0.7 1.1 -0.5

10.47 3142 2.3 -1.1 0.7 2.4 -1.2

21.45 2863 2.3 0.9 0.7 2.5 0.6

70.97 3146 -0.8 0.9 0.7 1.1 -1.0

37.73 3141 -0.8 -1.1 0.7 -0.3 -1.6

ANGLE NODE Mxx Myy Mxy Mmax Mmin

42.63 Cent 0.1 0.0 0.4 0.5 -0.3

72.82 3142 -1.7 -0.5 0.4 -0.4 -1.8

10.47 2863 1.9 0.3 0.3 2.0 0.2

21.89 3146 0.3 -0.1 0.2 0.4 -0.2

68.98 3141 -0.1 0.5 0.3 0.6 -0.2

NODE Vxx Vyy

Cent -0.0 -0.0

3142 -0.0 -0.0

2863 -0.0 -0.0

3146 -0.0 -0.0

3141 -0.0 -0.0

LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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14.84      cedime~1      Cent      12.4      -29.6      12.0      15.6      -32.8
           3142      42.4      -33.9      12.0      44.2      -35.8
           2863      42.4      -25.3      12.0      44.5      -27.4
           3146      -17.6      -25.3      12.0      -8.9      -34.0
           3141      -17.6      -33.9      12.0      -11.3      -40.3

           NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
-63.91      Cent      -8.0      22.7      -19.8      32.4      -17.7
           3142      122.6      28.9      -23.0      127.9      23.6
-13.06      2863      -172.3      -14.6      -4.7      -14.4      -172.5
-88.30      3146      -35.4      2.4      -4.7      2.9      -36.0
-83.00      3141      53.1      74.1      -23.0      88.9      38.3
-57.29

           NODE      Vxx      Vyy
-----
           Cent      0.2      -0.0
           3142      0.3      -0.1
           2863      0.3      0.1
           3146      0.1      0.1
           3141      0.1      -0.1

           LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
27.43      perm      Cent      21.3      3.1      12.9      28.0      -3.7
           3142      33.4      -7.7      12.9      37.2      -11.4
           2863      33.4      13.8      12.9      39.9      7.4
           3146      9.1      13.8      12.9      24.6      -1.7
           3141      9.1      -7.7      12.9      16.1      -14.7
28.49

           NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
21.31      Cent      3.1      -2.4      2.5      4.0      -3.3
           3142      -26.5      -8.7      4.5      -7.7      -27.5
           2863      37.7      4.5      0.8      37.8      4.5
           3146      27.4      4.1      -0.1      27.4      4.1
           3141      -26.3      -9.4      3.6      -8.6      -27.1
78.42

           NODE      Vxx      Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent -0.1 -0.0
 3142 -0.1 0.0
 2863 -0.1 -0.0
 3146 -0.1 -0.0
 3141 -0.1 0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.19	INV TO~1	Max Cent	86.1	55.1	57.9	121.2	17.5
17.08		3142	166.5	29.7	57.9	184.3	11.0
24.39		2863	166.5	90.4	57.9	192.8	58.3
51.59		3146	68.8	90.4	57.9	126.8	32.4
33.46		3141	68.8	29.7	57.9	99.2	-0.7
-30.23	Min	Cent	-10.5	-57.4	-15.3	-1.6	-57.6
-68.95		3142	-69.8	-69.9	-15.3	-30.1	-75.7
-67.01		2863	-69.8	-65.6	-15.3	-33.8	-76.3
-4.43		3146	-23.1	-65.6	-15.3	-22.9	-65.9
-4.02		3141	-23.1	-69.9	-15.3	-22.9	-70.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
36.87	Max	Cent	22.1	26.6	31.3	7.3
4.74		3142	175.3	42.7	34.0	41.7
4.12		2863	259.3	30.6	16.5	29.4
9.91		3146	124.9	47.5	14.4	45.3
38.68		3141	86.9	82.5	32.7	74.7
-24.32	Min	Cent	-9.0	-34.7	-39.0	-49.5
-85.69		3142	-207.0	-60.6	-34.1	-207.9
-84.43		2863	-216.4	-21.4	-19.2	-218.3
-59.73		3146	-66.7	-46.2	-20.1	-78.4
-71.55		3141	-142.4	-108.7	-35.6	-146.6

	NODE	Vxx	Vyy
Max	Cent	0.2	0.1
	3142	0.4	0.2
	2863	0.4	0.1
	3146	0.1	0.1
	3141	0.1	0.2
Min	Cent	-0.3	-0.1
	3142	-0.5	-0.2
	2863	-0.5	-0.1
	3146	-0.3	-0.1
	3141	-0.3	-0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.19	INV TO~2	Max	Cent	86.1	55.1	57.9	121.2	17.5
17.08			3142	166.5	29.7	57.9	184.3	11.0
24.39			2863	166.5	90.4	57.9	192.8	58.3
51.59			3146	68.8	90.4	57.9	126.8	32.4
33.46			3141	68.8	29.7	57.9	99.2	-0.7
-30.23		Min	Cent	-10.5	-57.4	-15.3	-1.6	-57.6
-68.95			3142	-69.8	-69.9	-15.3	-30.1	-75.7
-67.01			2863	-69.8	-65.6	-15.3	-33.8	-76.3
-4.43			3146	-23.1	-65.6	-15.3	-22.9	-65.9
-4.02			3141	-23.1	-69.9	-15.3	-22.9	-70.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
36.87		Max	Cent	22.1	26.6	31.3	45.6	7.3
4.74			3142	175.3	42.7	34.0	176.3	41.7
4.12			2863	259.3	30.6	16.5	260.5	29.4
9.91			3146	125.6	47.5	14.4	127.4	45.3
38.68			3141	86.9	82.5	32.7	94.6	74.7
-24.32		Min	Cent	-9.0	-34.7	-39.0	7.7	-49.5
-85.69			3142	-207.0	-60.6	-34.1	-59.7	-207.9
-84.43			2863	-216.4	-21.4	-19.2	-19.5	-218.3
-59.73			3146	-66.7	-46.2	-20.1	-32.1	-78.4
-71.55			3141	-142.4	-108.7	-35.6	-104.5	-146.6

		NODE	Vxx	Vyy
Max	Cent		0.2	0.1
		3142	0.4	0.2
		2863	0.4	0.1
		3146	0.1	0.1
		3141	0.1	0.2
Min	Cent		-0.3	-0.1
		3142	-0.5	-0.2
		2863	-0.5	-0.1
		3146	-0.3	-0.1
		3141	-0.3	-0.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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3227      2      12  c mob-a  Max  Cent      1.6      6.8      45.1      49.4     -41.0
  46.66
      71.22
      52.48
      52.60
      71.27
      -5.86
     -70.79
      -2.10
      -1.90
     -39.10

                                Min  Cent      -41.8    -196.5    -16.0    -40.1   -198.1
                                5951     -67.0     -26.6    -16.0    -21.0    -72.6
                                5984     -67.0    -503.5    -16.0    -66.4   -504.1
                                2864    -19.9    -503.5    -16.0    -19.3   -504.0
                                3145    -19.9     -26.6    -16.0     -6.8    -39.6

                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
                                Max  Cent      13.4      40.0      12.3      44.8      8.6
      68.64
                                5951      7.2      25.6      5.8      27.3      5.5
      73.84
                                5984     70.8     207.5      6.3     207.8     70.6
      87.38
                                2864      1.7      6.1      14.0      18.1     -10.3
      49.45
                                3145     13.3     14.9     13.6     27.8      0.5
      46.61
                                Min  Cent      -5.3     -17.9     -8.6     -0.9    -22.2
     -26.80
                                5951    -20.6    -54.9    -25.4     -7.1    -68.4
     -27.99
                                5984     -4.4    -23.3    -25.4     13.2    -41.0
     -34.79
                                2864    -25.0    -68.3     -1.5    -24.9    -68.4
      -2.00
                                3145     -2.9     -8.4     -1.4     -2.5     -8.8
     -13.80

                                NODE      Vxx      Vyy
-----
                                Max  Cent      0.0      0.2
      68.64
                                5951     0.0      0.0
      73.84
                                5984     0.0      0.4
      87.38
                                2864     0.0      0.4
      49.45
                                3145     0.0      0.0
      46.61
                                Min  Cent     -0.0     -0.1
     -26.80
                                5951    -0.0     -0.1
     -27.99
                                5984    -0.0     -0.0
     -34.79
                                2864    -0.0     -0.0
      -2.00
                                3145    -0.0     -0.1
     -13.80

                                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
                                c mob-b  Max  Cent      4.4      26.9      67.4      84.0     -52.7
      49.74
                                5951     7.3      75.5      67.4     117.0    -34.1
      58.42
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

60.67		5984	7.3	89.4	67.4	127.3	-30.6
60.84		2864	6.2	89.4	67.4	127.0	-31.4
58.61		3145	6.2	75.5	67.4	116.7	-34.9
-3.26	Min	Cent	-72.5	-355.7	-16.2	-71.6	-356.7
-74.51		5951	-112.9	-59.0	-16.2	-54.5	-117.4
-1.42		5984	-112.9	-763.6	-16.2	-112.5	-764.0
-1.27		2864	-35.7	-763.6	-16.2	-35.3	-764.0
-27.11		3145	-35.7	-59.0	-16.2	-27.4	-67.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.45	Max	Cent	13.6	44.6	28.0	61.1	-2.9
80.42		5951	33.9	107.1	12.7	109.2	31.8
85.92		5984	89.4	274.0	13.2	275.0	88.4
71.52		2864	33.8	129.4	36.0	141.4	21.8
51.62		3145	12.3	29.0	35.5	57.1	-15.7
-29.19	Min	Cent	-12.7	-42.8	-24.4	1.0	-56.5
-6.87		5951	-48.6	-135.2	-10.6	-47.3	-136.5
-3.42		5984	-68.6	-245.4	-10.6	-68.0	-246.1
-15.18		2864	-46.6	-157.3	-32.4	-37.8	-166.1
-31.31		3145	-9.2	-42.5	-32.2	10.4	-62.0

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.3
		5951	0.0	0.2
		5984	0.0	0.5
		2864	0.0	0.5
		3145	0.0	0.2
	Min	Cent	-0.0	-0.2
		5951	-0.1	-0.2
		5984	-0.1	-0.5
		2864	-0.0	-0.5
		3145	-0.0	-0.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
41.74	pp	Cent	-22.7	-23.9	4.9	-18.3	-28.3
76.62		5951	-48.9	-29.4	4.9	-28.2	-50.1
81.08		5984	-48.9	-18.3	4.9	-17.5	-49.7
12.16		2864	3.5	-18.3	4.9	4.6	-19.4
		3145	3.5	-29.4	4.9	4.2	-30.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.35

ANGLE NODE Mxx Myy Mxy Mmax Mmin

60.54	Cent	7.5	27.0	16.2	36.1	-1.6
80.52	5951	7.0	47.2	6.9	48.4	5.8
86.02	5984	51.5	161.7	7.7	162.2	51.0
14.66	2864	-26.3	-87.7	17.2	-21.8	-92.2
35.71	3145	-2.2	-13.3	16.5	9.6	-25.1

NODE Vxx Vyy

Cent	-0.0	0.2
5951	-0.0	0.1
5984	-0.0	0.3
2864	0.0	0.3
3145	0.0	0.1

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

46.05	vento -y	Cent	-0.1	-0.0	0.6	0.5	-0.7
27.78		5951	-0.3	-1.1	0.6	0.0	-1.4
68.97		5984	-0.3	1.0	0.6	1.2	-0.5
63.60		2864	0.1	1.0	0.6	1.3	-0.2
22.01		3145	0.1	-1.1	0.6	0.4	-1.3

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-55.10	Cent	0.0	0.1	-0.1	0.2	-0.1
-72.14	5951	-0.1	0.3	-0.2	0.4	-0.2
-41.83	5984	0.3	0.2	-0.2	0.4	0.1
-75.97	2864	-0.1	0.2	-0.1	0.2	-0.1
-12.69	3145	0.0	-0.3	-0.1	0.0	-0.3

NODE Vxx Vyy

Cent	-0.0	0.0
5951	-0.0	0.0
5984	-0.0	-0.0
2864	0.0	-0.0
3145	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	cedime~1	Cent	-1.3	3.0	11.9	12.9	-11.3
50.14		5951	-6.5	-23.1	11.9	-0.3	-29.4
27.56		5984	-6.5	29.1	11.9	32.7	-10.1
73.13		2864	3.9	29.1	11.9	33.9	-0.9
68.33		3145	3.9	-23.1	11.9	8.4	-27.6
20.71							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-1.5	-3.4	-9.3	6.9	-11.8
-41.93		5951	-1.2	8.3	-5.9	11.1	-4.1
-64.47		5984	-10.0	-42.7	-5.9	-9.0	-43.7
-9.87		2864	5.8	30.1	-8.9	33.0	2.9
-71.92		3145	-0.4	-9.5	-8.9	5.0	-14.9
-31.53							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		5951	-0.0	0.0			
		5984	-0.0	-0.1			
		2864	0.0	-0.1			
		3145	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	perm	Cent	-9.4	-5.5	4.1	-3.0	-12.0
57.68		5951	-20.6	-23.6	4.1	-17.8	-26.5
34.83		5984	-20.6	12.6	4.1	13.1	-21.1
83.07		2864	1.8	12.6	4.1	13.9	0.4
71.41		3145	1.8	-23.6	4.1	2.4	-24.3
8.93							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	5.2	18.7	7.7	22.1	1.7
65.69		5951	12.3	50.1	5.3	50.9	11.6
82.13		5984	26.2	86.3	5.7	86.8	25.6
84.59		2864	-13.4	-45.8	7.1	-11.9	-47.3
11.92		3145	-4.3	-16.0	6.7	-1.3	-19.1
24.54							
		NODE	Vxx	Vyy			

		Cent	-0.0	0.1			
		5951	-0.0	0.1			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5984 -0.0 0.2
 2864 0.0 0.2
 3145 0.0 0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

50.11	INV TO~1	Max Cent	-3.5	33.8	107.0	123.2	-83.0
64.17		5951	-10.8	139.6	107.0	185.7	-56.8
65.00		5984	-10.8	162.3	107.0	212.2	-58.0
62.36		2864	14.0	162.3	107.0	218.4	-41.6
62.13		3145	14.0	139.6	107.0	189.9	-40.2
-0.90		Min Cent	-108.6	-485.8	-17.8	-108.5	-486.6
-83.79		5951	-179.5	-126.4	-17.8	-125.8	-180.2
-0.41		5984	-179.5	-1018.3	-17.8	-179.5	-1018.7
-1.05		2864	-46.4	-1018.3	-17.8	-46.1	-1018.7
-3.97		3145	-46.4	-126.4	-17.8	-42.1	-126.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

60.64		Max Cent	23.6	78.8	45.5	104.4	3.8
83.59		5951	58.1	202.9	22.5	204.8	55.0
85.66		5984	146.8	456.2	23.6	458.0	145.0
71.13		2864	38.0	159.1	55.7	175.1	22.0
47.49		3145	13.7	23.2	54.6	73.2	-32.2
-30.91		Min Cent	-13.4	-42.6	-34.6	3.2	-65.5
-18.12		5951	-54.5	-132.4	-34.9	-43.8	-141.9
-9.02		5984	-76.4	-287.7	-34.4	-70.9	-293.2
-10.98		2864	-76.4	-258.1	-45.5	-69.3	-265.2
-26.17		3145	-17.1	-82.8	-45.6	1.3	-106.1
		NODE	Vxx	Vyy			
		Max Cent	0.0	0.6			
		5951	0.0	0.4			
		5984	0.0	0.9			
		2864	0.1	0.9			
		3145	0.1	0.4			
		Min Cent	-0.0	-0.2			
		5951	-0.1	-0.2			
		5984	-0.1	-0.6			
		2864	-0.0	-0.6			
		3145	-0.0	-0.2			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

50.11		INV TO~2	Max Cent	-3.5	33.8	107.0	123.2	-38.1	
64.17			5951	-10.8	139.6	107.0	185.7	-56.8	
65.00			5984	-10.8	162.3	107.0	212.2	-58.0	
62.36			2864	14.0	162.3	107.0	218.4	-26.2	
62.13			3145	14.0	139.6	107.0	189.9	-40.2	
-0.90			Min Cent	-108.6	-485.8	-17.8	-108.5	-486.6	
-83.79			5951	-179.5	-126.4	-17.8	-125.8	-180.2	
-0.41			5984	-179.5	-1018.3	-17.8	-179.5	-1018.7	
-1.05			2864	-46.4	-1018.3	-17.8	-46.1	-1018.7	
-3.97			3145	-46.4	-126.4	-17.8	-42.1	-126.8	
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	

60.64			Max Cent	23.6	78.8	45.5	104.4	3.8	
83.59			5951	58.1	202.9	22.5	204.8	55.0	
85.66			5984	146.8	456.2	23.6	458.0	145.0	
71.13			2864	38.0	159.1	55.7	175.1	22.0	
47.49			3145	13.7	23.2	54.6	73.2	-32.2	
-30.91			Min Cent	-13.4	-42.6	-34.6	3.2	-65.5	
-18.12			5951	-54.5	-132.4	-34.9	-43.8	-141.9	
-9.02			5984	-76.4	-287.7	-34.4	-70.9	-293.2	
-10.98			2864	-76.4	-258.1	-45.5	-69.3	-265.2	
-26.17			3145	-17.1	-82.8	-45.6	1.3	-106.1	
			NODE	Vxx	Vyy				
			Max Cent	0.0	0.6				
			5951	0.0	0.4				
			5984	0.0	0.9				
			2864	0.1	0.9				
			3145	0.1	0.4				
			Min Cent	-0.0	-0.2				
			5951	-0.1	-0.2				
			5984	-0.1	-0.6				
			2864	-0.0	-0.6				
			3145	-0.0	-0.2				
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3247	2	12	c mob-a	Max Cent	81.0	236.9	157.7	334.8	-17.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

58.15			4659	119.9	655.6	192.9	717.8	57.7
72.12			4660	120.1	573.1	122.6	604.1	89.0
75.79			2842	43.3	553.7	124.6	582.5	14.5
76.99			2989	43.1	551.3	190.9	615.0	-20.6
71.54		Min	Cent	-166.0	-1161.1	-40.8	-164.4	-1162.8
-2.34			4659	-199.0	-100.8	-44.2	-83.8	-215.9
-69.01			4660	-200.3	-2976.2	-37.4	-199.8	-2976.7
-0.77			2842	-134.9	-2871.5	-37.6	-134.4	-2872.0
-0.79			2989	-133.6	-81.7	-44.0	-56.6	-158.7
-60.27								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	11.3	110.3	50.6	131.6	-10.0
67.17			4659	27.4	29.3	70.3	98.7	-41.9
45.38			4660	38.7	749.8	40.5	752.1	36.4
86.75			2842	23.1	263.2	89.1	292.7	-6.4
71.71			2989	11.3	71.9	73.0	120.7	-37.4
56.26		Min	Cent	-16.1	-130.7	-27.6	-9.9	-137.0
-12.84			4659	-53.9	-115.8	-57.1	-19.9	-149.8
-30.77			4660	-29.6	-698.6	-28.1	-28.4	-699.7
-2.40			2842	-36.4	-327.8	-67.3	-21.6	-342.6
-12.39			2989	-4.0	-18.6	-50.2	39.5	-62.1
-40.84								


			NODE	Vxx	Vyy
	Max	Cent	4659	0.2	0.7
			4660	0.5	0.1
			2842	0.5	1.5
			2989	0.1	1.5
	Min	Cent	4659	0.1	0.1
			4660	-0.2	-0.7
			2842	-0.5	-0.2
			2989	-0.5	-1.3
			2842	-0.2	-1.4
			2989	-0.2	-0.2

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

		c mob-b	Max	Cent	115.9	353.5	178.1	448.8	20.6
61.85				4659	167.9	669.8	216.0	749.9	87.7
69.64				4660	168.2	849.4	140.4	877.2	140.4
78.80									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.65		2842	66.2	820.8	142.5	846.8	40.2
69.49		2989	65.9	557.6	213.8	637.6	-14.1
-3.11	Min	Cent	-189.0	-1283.9	-59.7	-185.8	-1287.1
-60.69		4659	-227.6	-145.8	-67.0	-108.2	-265.2
-1.00		4660	-229.0	-3235.9	-52.5	-228.1	-3236.8
-1.02		2842	-152.2	-3123.3	-52.9	-151.3	-3124.3
-51.87		2989	-150.8	-118.2	-66.6	-65.9	-203.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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69.20	Max	Cent	14.8	143.2	57.0	164.8	-6.9
47.35		4659	36.4	50.5	86.2	130.0	-43.1
87.03		4660	45.2	931.7	46.1	934.0	42.8
72.77		2842	31.4	343.0	106.9	376.2	-1.8
55.43		2989	13.3	79.1	86.4	138.6	-46.3
-13.52	Min	Cent	-20.3	-167.2	-37.5	-11.3	-176.2
-32.35		4659	-66.7	-137.7	-75.1	-19.1	-185.2
-2.44		4660	-38.9	-910.1	-37.2	-37.3	-911.7
-13.33		2842	-40.6	-391.1	-88.0	-19.8	-411.9
-41.06		2989	-5.7	-23.9	-65.7	51.5	-81.2

		NODE	Vxx	Vyy
Max	Cent		0.2	0.9
		4659	0.6	0.1
		4660	0.6	1.8
		2842	0.2	1.9
		2989	0.2	0.1
Min	Cent		-0.2	-0.9
		4659	-0.6	-0.3
		4660	-0.6	-1.7
		2842	-0.2	-1.8
		2989	-0.2	-0.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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6.71	pp	Cent	116.0	-459.3	68.6	124.1	-467.4
75.81		4659	214.1	541.2	88.3	563.5	191.8
1.67		4660	213.4	-1459.8	48.8	214.8	-1461.3
2.01		2842	19.9	-1402.1	50.0	21.6	-1403.9
79.68		2989	20.6	483.5	87.2	499.4	4.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.70		Cent	-6.5	-11.0	28.0	19.3	-36.9
18.08		4659	-34.5	-83.9	18.1	-28.6	-89.8
70.81		4660	12.2	67.0	21.7	74.6	4.7
19.56		2842	-16.0	-76.7	24.7	-7.3	-85.4
65.11		2989	10.9	50.3	23.3	61.1	0.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
4659	-0.0	-0.2
4660	-0.0	0.2
2842	-0.0	0.2
2989	-0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.48	vento -y	Cent	-10.6	-18.9	0.2	-10.6	-18.9
87.70		4659	-15.3	-1.4	0.6	-1.4	-15.4
-0.36		4660	-15.3	-36.3	-0.1	-15.3	-36.3
-0.22		2842	-6.0	-35.3	-0.1	-6.0	-35.3
81.49		2989	-6.0	-2.4	0.5	-2.3	-6.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-29.56		Cent	0.2	0.0	-0.1	0.3	-0.0
-12.19		4659	0.9	-0.0	-0.2	1.0	-0.1
-60.12		4660	-0.0	0.3	-0.3	0.5	-0.2
-44.63		2842	-0.0	-0.0	-0.1	0.1	-0.1
3.75		2989	-0.0	-0.1	0.0	-0.0	-0.1

NODE	Vxx	Vyy
Cent	0.0	0.0
4659	0.0	-0.0
4660	0.0	0.0
2842	0.0	0.0
2989	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-85.68	cedime~1	Cent	-7.0	43.3	-3.8	43.6	-7.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-10.21	4659	-14.9	-44.8	-5.6	-13.9	-45.8
-89.18	4660	-14.9	131.5	-2.1	131.5	-14.9
-89.01	2842	0.7	126.4	-2.2	126.4	0.7
-7.57	2989	0.6	-39.7	-5.5	1.4	-40.5

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	-----	-----	-----	-----	-----	-----
	Cent	0.6	1.2	-0.6	1.6	0.3
-59.41	4659	3.1	6.8	-0.1	6.8	3.1
-88.79	4660	0.1	0.9	-0.2	0.9	0.1
-76.87	2842	-0.2	0.4	-0.7	0.8	-0.7
-57.07	2989	-0.6	-3.2	-0.5	-0.5	-3.3
-11.58						

	NODE	Vxx	Vyy
-----	-----	-----	-----
	Cent	0.0	0.0
	4659	0.0	0.0
	4660	0.0	0.0
	2842	0.0	0.0
	2989	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-----	-----	-----	-----	-----	-----	-----	
	perm	Cent	62.8	-10.9	5.6	63.2	-11.3
4.35		4659	102.1	85.3	7.5	105.0	82.5
21.00		4660	102.0	-107.1	3.7	102.1	-107.1
1.02		2842	24.3	-101.5	3.8	24.4	-101.6
1.75		2989	24.4	79.8	7.4	80.8	23.4
82.50							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	-----	-----	-----	-----	-----	-----
	Cent	-1.7	-0.6	4.4	3.2	-5.6
48.58	4659	-8.8	-9.5	3.3	-5.8	-12.5
42.26	4660	1.3	7.5	4.4	9.8	-0.9
62.76	2842	-1.2	-8.1	3.8	0.5	-9.8
23.91	2989	1.6	7.6	3.0	8.9	0.4
67.41						

	NODE	Vxx	Vyy
-----	-----	-----	-----
	Cent	-0.0	0.0
	4659	-0.0	-0.0
	4660	-0.0	0.0
	2842	-0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			2989	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

60.77	INV TO~1	Max Cent	219.3	509.7	246.1	645.3	76.7	
68.92		4659	328.7	989.5	299.1	1104.8	213.4	
77.98		4660	329.1	1171.1	193.2	1211.8	279.9	
79.57		2842	114.4	1132.9	196.2	1168.7	78.7	
70.27		2989	113.9	832.6	296.1	938.8	7.1	
-3.00		Min Cent	-199.4	-1744.1	-78.8	-195.3	-1747.7	
-54.90		4659	-220.1	-156.3	-88.5	-94.1	-282.3	
-0.96		4660	-222.1	-4475.5	-69.2	-220.9	-4476.6	
-0.94		2842	-181.1	-4318.0	-69.7	-180.0	-4319.1	
-54.27		2989	-179.2	-119.5	-88.0	-56.2	-241.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

68.66		Max Cent	18.8	193.9	81.3	225.4	-12.7	
47.65		4659	43.3	65.6	119.7	174.6	-65.7	
86.85		4660	62.5	1266.2	66.6	1269.8	58.8	
72.19		2842	41.2	455.3	148.2	502.6	-6.2	
55.81		2989	19.5	114.4	119.6	195.6	-61.7	
-12.56		Min Cent	-29.1	-226.3	-46.8	-18.8	-236.6	
-31.91		4659	-98.9	-195.3	-98.1	-37.8	-256.4	
-2.24		4660	-51.2	-1221.0	-46.1	-49.4	-1222.8	
-12.79		2842	-56.2	-536.1	-115.6	-29.9	-562.2	
-41.51		2989	-6.7	-27.9	-86.3	69.6	-104.2	
		NODE	Vxx	Vyy				
		Max Cent	0.3	1.2				
		4659	0.8	0.1				
		4660	0.8	2.5				
		2842	0.2	2.5				
		2989	0.2	0.1				
		Min Cent	-0.3	-1.3				
		4659	-0.8	-0.4				
		4660	-0.8	-2.3				
		2842	-0.3	-2.4				
		2989	-0.3	-0.4				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

60.77	INV TO~2	Max	Cent	219.3	509.7	246.1	645.3	76.7	
68.92				4659	328.7	989.5	299.1	1104.8	258.9
77.98				4660	329.1	1171.1	193.2	1211.8	279.9
79.57				2842	114.4	1132.9	196.2	1168.7	78.7
70.27				2989	113.9	832.6	296.1	938.8	7.1
-3.00		Min	Cent	-199.4	-1744.1	-78.8	-195.3	-1747.7	
-54.90				4659	-220.1	-156.3	-88.5	-94.1	-282.3
-0.96				4660	-222.1	-4475.5	-69.2	-220.9	-4476.6
-0.94				2842	-181.1	-4318.0	-69.7	-180.0	-4319.1
-54.27				2989	-179.2	-119.5	-88.0	-56.2	-241.8
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	

68.66		Max	Cent	18.8	193.9	81.3	225.4	-12.7	
47.65				4659	43.3	65.6	119.7	174.6	-65.7
86.85				4660	62.5	1266.2	66.6	1269.8	58.8
72.19				2842	41.2	455.3	148.2	502.6	-6.2
55.81				2989	19.5	114.4	119.6	195.6	0.2
-12.56		Min	Cent	-29.1	-226.3	-46.8	-18.8	-236.6	
18.08				4659	-98.9	-195.3	-98.1	-38.6	-256.4
-2.24				4660	-51.2	-1221.0	-46.1	-49.4	-1222.8
-12.79				2842	-56.2	-536.1	-115.6	-29.9	-562.2
-41.51				2989	-6.7	-27.9	-86.3	69.6	-104.2
			NODE	Vxx	Vyy				
		Max	Cent	0.3	1.2				
				4659	0.8	0.1			
				4660	0.8	2.5			
				2842	0.2	2.5			
				2989	0.2	0.1			
		Min	Cent	-0.3	-1.3				
				4659	-0.8	-0.4			
				4660	-0.8	-2.3			
				2842	-0.3	-2.4			
				2989	-0.3	-0.4			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3257	2	12	c mob-a	Max	Cent	4.4	7.9	271.9	278.0
45.18									
				5956	11.8	208.4	289.1	415.4	-195.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

54.39			5957	11.8	18.0	257.5	272.5	-242.6
45.35			2863	10.8	17.4	258.3	272.4	-244.3
45.37			3146	10.8	162.1	288.1	384.4	-211.5
52.36								
-1.57		Min	Cent	-154.1	-618.9	-12.8	-153.7	-619.2
-85.06			5956	-173.9	-27.4	-12.7	-26.3	-175.0
-0.58			5957	-174.5	-1431.5	-12.8	-174.4	-1431.6
-0.59			2863	-143.4	-1384.6	-12.8	-143.3	-1384.7
-83.75			3146	-142.8	-27.8	-12.8	-26.4	-144.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	15.0	129.9	34.0	139.2	5.7
74.70			5956	74.5	65.5	3.4	75.6	64.4
18.61			5957	37.2	803.4	12.2	803.6	37.0
89.09			2863	5.1	8.1	72.4	79.0	-65.8
45.60			3146	5.9	22.8	59.9	74.8	-46.1
49.02		Min	Cent	-3.6	-4.4	-3.0	-1.0	-7.1
-41.25			5956	-8.3	-16.8	-79.0	66.6	-91.7
-43.46			5957	-2.4	-18.1	-50.4	40.8	-61.3
-40.59			2863	-37.2	-323.4	-3.1	-37.2	-323.4
-0.63			3146	-37.4	-32.9	-2.9	-31.5	-38.9
-63.89								

			NODE	Vxx	Vyy
	Max	Cent		0.2	0.8
		5956		0.6	0.1
		5957		0.6	1.5
		2863		0.0	1.6
		3146		0.0	0.1
	Min	Cent		-0.0	-0.0
		5956		-0.0	-0.1
		5957		-0.0	-0.0
		2863		-0.2	-0.0
		3146		-0.2	-0.1

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	----	------	-----	-----	-----	------	------

		c mob-b	Max	Cent	15.7	54.4	103.4	140.2	-70.1
50.30				5956	50.6	65.8	105.2	163.7	-47.3
47.06				5957	50.7	134.9	101.5	202.6	-17.1
56.26				2863	9.6	130.1	101.6	188.0	-48.3
60.34									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.96		3146	9.6	54.0	105.1	139.2	-75.7
-6.52	Min	Cent	-61.3	-185.7	-14.4	-59.7	-187.3
-74.86		5956	-100.6	-51.6	-14.3	-47.7	-104.5
-2.63		5957	-100.7	-415.5	-14.5	-100.1	-416.1
-2.34		2863	-48.6	-402.2	-14.5	-48.0	-402.7
-44.84		3146	-48.5	-48.7	-14.3	-34.3	-62.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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64.47	Max	Cent	12.6	67.3	33.8	83.5	-3.5
63.86		5956	37.8	48.6	7.0	52.1	34.3
88.00		5957	29.3	472.5	15.5	473.1	28.8
56.88		2863	8.3	54.8	52.8	89.2	-26.2
42.74		3146	19.6	12.7	43.6	60.0	-27.6
-43.07	Min	Cent	-7.6	-9.8	-15.7	7.1	-24.5
-45.80		5956	-17.9	-16.1	-31.5	14.6	-48.5
-13.42		5957	-8.0	-87.8	-20.2	-3.2	-92.6
-5.19		2863	-31.6	-227.8	-18.0	-30.0	-229.4
-49.90		3146	-29.5	-23.8	-16.4	-9.9	-43.3

		NODE	Vxx	Vyy
Max	Cent		0.1	0.5
	5956		0.3	0.1
	5957		0.3	1.0
	2863		0.0	1.0
	3146		0.0	0.1
Min	Cent		-0.0	-0.1
	5956		-0.1	-0.0
	5957		-0.1	-0.2
	2863		-0.1	-0.2
	3146		-0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

38.85	pp	Cent	-79.9	-98.8	43.2	-45.2	-133.5
72.53		5956	-166.5	-39.6	44.3	-25.6	-180.4
47.93		5957	-166.5	-157.9	42.0	-120.0	-204.4
13.91		2863	4.9	-154.5	42.1	15.4	-164.9
30.77		3146	5.0	-43.0	44.3	31.3	-69.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      -1.8      38.9      26.1      51.6      -14.5
64.00
          5956       6.5      61.9      -7.0      62.8       5.6
-82.93
          5957      27.6     339.0     12.2     339.5     27.1
87.76
          2863     -29.6    -203.1     35.7     -22.6    -210.1
11.18
          3146     -17.8     -41.9     26.0     -1.2     -58.5
32.56
    
```

```

-----
          NODE      Vxx      Vyy
          Cent      0.0      0.4
          5956       0.1      0.1
          5957       0.1      0.7
          2863      -0.1      0.8
          3146      -0.1      0.1
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
          vento -y
-36.70          Cent      -0.3     -0.6     -0.5       0.1     -1.0
          5956      -1.1     -0.0     -0.5       0.2     -1.3
-67.69          5957      -1.1     -1.1     -0.5     -0.6     -1.6
-43.71          2863       0.5     -1.1     -0.5       0.7     -1.2
-16.72          3146       0.5     -0.1     -0.5       0.8     -0.4
-30.02
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
          Cent      -0.0      0.2      0.1       0.2     -0.1
69.53          5956       0.2      0.4     -0.0       0.4      0.2
-79.95          5957       0.1      1.4     -0.0       1.4      0.1
-89.09          2863      -0.2     -0.7      0.1     -0.2     -0.7
15.53          3146      -0.3     -0.3      0.2     -0.2     -0.5
41.79
    
```

```

-----
          NODE      Vxx      Vyy
          Cent      0.0      0.0
          5956       0.0      0.0
          5957       0.0      0.0
          2863      -0.0      0.0
          3146      -0.0      0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
          cedime~1
-70.31          Cent      73.7     247.8    -71.5     273.4     48.1
          5956     103.1    -100.7    -78.3     129.7    -127.3
-18.78
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.02	INV TO~1	Max Cent	76.2	284.0	390.4	515.6	-155.3
53.20		5956	137.0	277.9	414.3	587.8	-179.5
66.50		5957	137.3	707.4	370.4	840.4	4.3
67.82		2863	56.0	682.9	371.5	807.9	-69.0
51.88		3146	55.8	213.4	413.0	537.5	-196.4
0.35		Min Cent	-226.8	-872.7	-67.5	-226.8	-872.7
-43.50		5956	-269.2	-173.8	-73.6	-96.3	-276.0
0.10		5957	-270.0	-2003.5	-61.4	-270.0	-2003.5
0.11		2863	-197.0	-1938.2	-61.8	-197.0	-1938.2
-44.98		3146	-196.2	-151.7	-73.2	-78.4	-312.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
74.08	Max Cent	19.9	189.9	52.8	205.0	4.8
57.92	5956	104.3	106.2	51.3	132.3	100.8
88.90	5957	58.6	1200.4	38.7	1200.9	58.2
82.93	2863	41.8	321.2	108.7	325.6	37.5
44.90	3146	24.4	19.1	89.0	108.4	-9.8
-28.62	Min Cent	-25.3	-93.6	-53.1	3.6	-122.6
-57.99	5956	-74.2	-11.0	-111.8	29.5	-124.7
-4.45	5957	-40.7	-682.7	-67.1	-36.8	-686.6
-1.71	2863	-59.2	-500.2	-86.7	-58.8	-500.5
-46.27	3146	-57.3	-62.6	-75.4	-42.6	-133.1

	NODE	Vxx	Vyy
Max	Cent	0.3	1.2
	5956	0.9	0.2
	5957	0.9	2.3
	2863	0.1	2.4
	3146	0.1	0.2
Min	Cent	-0.2	-0.7
	5956	-0.5	-0.1
	5957	-0.5	-1.4
	2863	-0.3	-1.4
	3146	-0.3	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~2	Max	Cent	76.2	284.0	390.4	515.6	-155.3
54.02								
			5956	137.0	277.9	414.3	587.8	-179.5
53.20			5957	137.3	707.4	370.4	840.4	4.3
66.50			2863	56.0	682.9	371.5	807.9	-69.0
67.82			3146	55.8	213.4	413.0	537.5	-93.6
51.88		Min	Cent	-226.8	-872.7	-67.5	-226.8	-872.7
0.35			5956	-269.2	-173.8	-73.6	-96.3	-276.0
-43.50			5957	-270.0	-2003.5	-61.4	-270.0	-2003.5
0.10			2863	-197.0	-1938.2	-61.8	-197.0	-1938.2
0.11			3146	-196.2	-151.7	-73.2	-78.4	-312.9
-44.98								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	19.9	189.9	52.8	205.0	4.8
74.08			5956	104.3	106.2	51.3	132.3
			5957	58.6	1200.4	38.7	1200.9
57.92			2863	41.8	321.2	108.7	325.6
88.90			3146	24.4	19.1	89.0	108.4
82.93	Min	Cent	-25.3	-93.6	-53.1	3.6	-122.6
44.90			5956	-74.2	-11.0	-111.8	29.5
-28.62			5957	-40.7	-682.7	-67.1	-36.8
-57.99			2863	-59.2	-500.2	-86.7	-58.8
-4.45			3146	-57.3	-62.6	-75.4	-42.6
-1.71							
-46.27							

	NODE	Vxx	Vyy
Max	Cent	0.3	1.2
	5956	0.9	0.2
	5957	0.9	2.3
	2863	0.1	2.4
	3146	0.1	0.2
Min	Cent	-0.2	-0.7
	5956	-0.5	-0.1
	5957	-0.5	-1.4
	2863	-0.3	-1.4
	3146	-0.3	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3258	2	15	c mob-a	Max	Cent	87.4	18.4	12.3	89.5
					5949	69.9	25.7	12.3	73.0
					3143	69.9	11.8	12.3	72.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.45			3145	109.8	11.8	12.3	111.3	10.3
7.02			5951	109.8	25.7	12.3	111.5	23.9
8.12		Min	Cent	-18.4	-2.5	-29.6	20.2	-41.1
-52.53			5949	-25.2	-2.2	-29.6	18.0	-45.4
-55.60			3143	-25.2	-4.1	-29.6	16.7	-46.1
-54.80			3145	-17.8	-4.1	-29.6	19.4	-41.3
-51.51			5951	-17.8	-2.2	-29.6	20.5	-40.6
-52.37								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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23.99		Max	Cent	22.6	7.7	8.2	26.2	4.1
4.22			5949	52.7	16.0	2.7	52.9	15.8
27.64			3143	16.8	4.1	9.2	21.7	-0.7
31.72			3145	17.4	7.1	10.3	23.8	0.7
2.08			5951	147.2	44.2	3.7	147.4	44.1
-70.47		Min	Cent	-18.2	-5.9	-5.0	-4.1	-20.0
-83.02			5949	-58.3	-17.0	-5.1	-16.4	-59.0
-78.75			3143	-35.0	-12.9	-4.6	-12.0	-35.9
-85.27			3145	-82.6	-24.9	-4.8	-24.5	-83.0
-79.35			5951	-41.6	-12.9	-5.6	-11.9	-42.6

			NODE	Vxx	Vyy
Max	Cent		3145	0.2	0.0
			5949	0.1	0.0
			3143	0.1	0.0
			3145	0.3	0.0
			5951	0.3	0.0
Min	Cent		3145	-0.1	-0.0
			5949	-0.1	-0.0
			3143	-0.1	-0.0
			3145	-0.1	-0.0
			5951	-0.1	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
18.58		c mob-b	Max	Cent	91.3	22.6	26.0	100.1	13.8
11.20				5949	154.4	28.0	26.0	159.5	22.8
10.58				3143	154.4	19.7	26.0	159.2	14.9
20.74				3145	78.6	19.7	26.0	88.5	9.9
22.90				5951	78.6	28.0	26.0	89.6	17.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-55.09	Min	Cent	-54.4	-6.8	-64.8	38.4	-99.6
-59.30		5949	-80.9	-10.3	-64.8	28.2	-119.3
-59.87		3143	-80.9	-6.9	-64.8	30.7	-118.5
-52.47		3145	-41.5	-6.9	-64.8	42.8	-91.2
-51.78		5951	-41.5	-10.3	-64.8	40.7	-92.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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16.22	Max	Cent	38.5	11.5	8.6	41.0	9.0
6.73		5949	145.3	44.5	12.1	146.8	43.0
13.63		3143	35.9	10.9	6.5	37.5	9.3
14.31		3145	42.4	15.6	7.3	44.3	13.8
10.34		5951	98.9	29.1	13.2	101.3	26.7
-72.84	Min	Cent	-40.4	-12.4	-9.6	-9.4	-43.4
-82.65		5949	-134.7	-39.5	-12.5	-37.9	-136.3
-78.19		3143	-58.4	-20.3	-8.3	-18.6	-60.1
-76.87		3145	-53.1	-17.3	-8.8	-15.3	-55.1
-79.50		5951	-100.0	-31.1	-13.2	-28.6	-102.4

		NODE	Vxx	Vyy
Max	Cent	0.2	0.0	
	5949	0.3	0.0	
	3143	0.3	0.0	
	3145	0.2	0.0	
	5951	0.2	0.0	
Min	Cent	-0.2	-0.0	
	5949	-0.2	-0.0	
	3143	-0.2	-0.0	
	3145	-0.2	-0.0	
	5951	-0.2	-0.0	

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-55.35	pp	Cent	-26.2	2.5	-38.0	28.8	-52.4
-58.37		5949	-35.1	3.2	-38.0	26.6	-58.5
-57.94		3143	-35.1	1.8	-38.0	25.6	-58.8
-52.05		3145	-17.3	1.8	-38.0	31.4	-46.9
-52.56		5951	-17.3	3.2	-38.0	32.3	-46.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.03	Cent	19.8	5.5	-6.0	22.0	3.4
-7.44	5949	66.1	22.6	-5.8	66.8	21.8
-74.23	3143	-27.4	-9.9	-5.4	-8.4	-28.9
-72.04	3145	-22.5	-6.6	-5.8	-4.7	-24.4
-7.37	5951	63.0	16.1	-6.2	63.8	15.3

NODE	Vxx	Vyy
Cent	0.1	0.0
5949	0.1	0.0
3143	0.1	-0.0
3145	0.1	-0.0
5951	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.63	vento -y	Cent	-0.5	0.0	-0.8	0.6	-1.1
-43.28		5949	-0.1	-0.2	-0.8	0.7	-1.0
-49.13		3143	-0.1	0.2	-0.8	0.9	-0.8
-60.60		3145	-0.9	0.2	-0.8	0.7	-1.3
-55.91		5951	-0.9	-0.2	-0.8	0.4	-1.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
33.49	Cent	0.1	0.1	0.1	0.2	-0.0
83.98	5949	-0.7	-0.2	0.1	-0.2	-0.7
8.75	3143	1.0	0.4	0.1	1.0	0.4
24.94	3145	0.1	-0.1	0.1	0.1	-0.1
18.72	5951	0.2	0.0	0.1	0.3	0.0

NODE	Vxx	Vyy
Cent	-0.0	0.0
5949	-0.0	0.0
3143	-0.0	0.0
3145	0.0	0.0
5951	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-54.31	cedime~1	Cent	-12.0	0.4	-18.5	13.6	-25.3
-47.34		5949	-6.0	-3.0	-18.5	14.0	-23.0
-52.44		3143	-6.0	3.8	-18.5	18.0	-20.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-60.32	3145	-18.1	3.8	-18.5	14.3	-28.6
-56.11	5951	-18.1	-3.0	-18.5	9.4	-30.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----	Cent	2.4	1.0	4.9	6.6	-3.3
40.99	5949	-23.0	-7.0	3.7	-6.2	-23.8
77.68	3143	25.8	11.2	4.4	27.1	9.9
15.57	3145	1.5	-1.8	4.8	4.9	-5.2
35.48	5951	5.1	1.5	4.0	7.7	-1.1
32.85						

NODE	Vxx	Vyy
-----	-----	-----
Cent	-0.0	0.0
5949	-0.1	-0.0
3143	-0.1	0.0
3145	0.0	0.0
5951	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-----	perm	Cent	-24.3	-0.3	-23.0	13.6	-38.3
-58.78		5949	-31.9	-1.6	-23.0	10.8	-44.3
-61.71		3143	-31.9	0.9	-23.0	12.8	-43.8
-62.76		3145	-16.7	0.9	-23.0	16.7	-32.6
-55.50		5951	-16.7	-1.6	-23.0	15.1	-33.4
-54.13							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----	Cent	20.3	5.9	-3.1	20.9	5.2
-11.50	5949	69.6	21.7	-2.4	69.7	21.6
-2.82	3143	-26.5	-8.4	-3.0	-8.0	-27.0
-80.91	3145	-18.6	-6.0	-3.2	-5.2	-19.4
-76.42	5951	56.6	16.2	-2.6	56.7	16.0
-3.70						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.1	0.0
5949	0.1	0.0
3143	0.1	-0.0
3145	0.1	-0.0
5951	0.1	0.0

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~1	Max	Cent	99.0	30.6	12.2	101.1	29.9
9.73			5949	176.5	36.2	12.2	177.5	35.2
4.92			3143	176.5	31.3	12.2	177.4	31.0
4.64			3145	131.4	31.3	12.2	132.8	30.8
6.58			5951	131.4	36.2	12.2	133.0	34.7
7.16		Min	Cent	-109.9	-9.6	-128.9	65.2	-197.9
-55.89			5949	-147.1	-18.4	-128.9	48.8	-226.9
-59.82			3143	-147.1	-8.4	-128.9	54.1	-223.2
-60.50			3145	-90.8	-8.4	-128.9	74.4	-183.6
-53.12			5951	-90.8	-18.4	-128.9	70.0	-188.5
-52.27								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	74.6	22.3	13.4	77.8	19.9
13.61			5949	265.8	81.8	17.6	266.9	80.7
4.31			3143	47.8	17.4	13.9	53.2	12.0
21.20			3145	40.2	15.1	15.4	47.2	11.0
24.48			5951	260.5	77.4	19.2	262.5	75.4
5.91		Min	Cent	-34.3	-10.8	-16.0	-5.2	-42.4
-67.45			5949	-135.3	-38.6	-19.2	-36.2	-137.7
-81.09			3143	-105.3	-35.9	-14.2	-33.1	-108.1
-78.88			3145	-130.2	-41.4	-15.1	-40.1	-132.6
-83.32			5951	-78.4	-25.8	-20.5	-19.2	-85.4
-73.05								

		NODE	Vxx	Vyy
	Max	Cent	0.4	0.0
		5949	0.5	0.0
		3143	0.5	0.0
		3145	0.5	0.0
		5951	0.5	0.0
	Min	Cent	-0.2	-0.0
		5949	-0.2	-0.0
		3143	-0.2	-0.0
		3145	-0.1	-0.0
		5951	-0.1	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	99.0	30.6	12.2	101.1	29.9
9.73								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4.92		5949	176.5	36.2	12.2	177.5	35.2
4.64		3143	176.5	31.3	12.2	177.4	31.0
6.58		3145	131.4	31.3	12.2	132.8	30.8
7.16		5951	131.4	36.2	12.2	133.0	34.7
-55.35	Min	Cent	-109.9	-9.6	-128.9	38.8	-197.9
-58.37		5949	-147.1	-18.4	-128.9	35.9	-226.9
-57.94		3143	-147.1	-8.4	-128.9	34.5	-223.2
-52.05		3145	-90.8	-8.4	-128.9	42.4	-183.6
-52.56		5951	-90.8	-18.4	-128.9	43.6	-188.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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13.61	Max	Cent	74.6	22.3	13.4	77.8	19.9
4.31		5949	265.8	81.8	17.6	266.9	80.7
21.20		3143	47.8	17.4	13.9	53.2	12.0
24.48		3145	40.2	15.1	15.4	47.2	11.0
5.91		5951	260.5	77.4	19.2	262.5	75.4
-67.45	Min	Cent	-34.3	-10.8	-16.0	-5.2	-42.4
-81.09		5949	-135.3	-38.6	-19.2	-36.2	-137.7
-78.88		3143	-105.3	-35.9	-14.2	-33.1	-108.1
-83.32		3145	-130.2	-41.4	-15.1	-40.1	-132.6
-73.05		5951	-78.4	-25.8	-20.5	-19.2	-85.4

		NODE	Vxx	Vyy
Max	Cent		0.4	0.0
		5949	0.5	0.0
		3143	0.5	0.0
		3145	0.5	0.0
		5951	0.5	0.0
Min	Cent		-0.2	-0.0
		5949	-0.2	-0.0
		3143	-0.2	-0.0
		3145	-0.1	-0.0
		5951	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3259	2	15	c mob-a	Max	Cent	27.3	8.8	15.7	36.4	-0.2
29.76					5914	7.4	7.4	15.7	23.1	-8.4
44.98					3139	7.4	13.9	15.7	26.7	-5.4
50.80					3143	68.8	13.9	15.7	73.0	9.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

14.92			5949	68.8	7.4	15.7	72.6	3.6
13.58								
-46.95		Min	Cent	-18.2	-7.6	-77.9	65.2	-91.1
-50.09				5914	-37.6	-9.6	-77.9	55.6
-50.38				3139	-37.6	-8.0	-77.9	56.5
-48.43				3143	-26.8	-8.0	-77.9	61.1
-48.14				5949	-26.8	-9.6	-77.9	60.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	32.4	10.1	5.3	33.6	8.9
12.81				5914	157.8	47.3	6.6	158.2
3.43				3139	103.8	29.9	17.6	107.8
12.69				3143	17.2	5.3	17.0	29.2
35.35				5949	52.6	15.8	7.4	54.1
10.94		Min	Cent	-87.0	-27.0	-5.5	-26.5	-87.5
-84.85				5914	-408.9	-123.3	-18.8	-122.1
-86.26				3139	-53.8	-17.8	-8.2	-16.0
-77.79				3143	-35.1	-11.8	-8.2	-9.2
-72.40				5949	-58.5	-17.4	-19.2	-9.8
-68.43								

			NODE	Vxx	Vyy
	Max	Cent		0.2	0.0
			5914	0.3	0.0
			3139	0.3	0.0
			3143	0.1	0.0
			5949	0.1	0.0
	Min	Cent		-0.4	-0.0
			5914	-0.7	-0.0
			3139	-0.7	-0.0
			3143	-0.1	-0.0
			5949	-0.1	-0.0

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	33.7	9.5	15.6	41.3	1.8
26.09									
				5914	13.5	10.9	15.6	27.8	-3.5
42.58									
				3139	13.5	25.6	15.6	36.2	2.8
55.58									
				3143	150.1	25.6	15.6	152.0	23.7
7.02									
				5949	150.1	10.9	15.6	151.8	9.1
6.31									
		Min	Cent	-78.9	-16.6	-164.5	119.6	-215.2	
-50.36									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-59.62		5914	-214.8	-30.7	-164.5	65.7	-311.2
-60.26		3139	-214.8	-20.9	-164.5	73.0	-308.8
-50.39		3143	-83.5	-20.9	-164.5	115.2	-219.7
-49.57		5949	-83.5	-30.7	-164.5	109.5	-223.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	81.9	24.6	10.9	83.9	22.6
10.39		5914	338.5	100.9	11.8	339.0	100.3
2.84		3139	254.9	72.9	41.1	263.8	64.0
12.16		3143	36.4	11.8	39.9	65.9	-17.7
36.42		5949	145.0	43.2	13.2	146.6	41.6
7.25	Min	Cent	-209.8	-64.9	-8.0	-64.4	-210.2
-86.85		5914	-994.0	-300.1	-46.0	-297.1	-997.0
-86.22		3139	-102.3	-33.8	-14.3	-30.9	-105.1
-78.64		3143	-57.8	-19.3	-14.4	-14.5	-62.6
-71.57		5949	-134.6	-39.2	-47.3	-19.7	-154.1
-67.61							

		NODE	Vxx	Vyy
	Max	Cent	0.4	0.0
		5914	0.6	0.0
		3139	0.6	0.0
		3143	0.3	0.0
		5949	0.3	0.0
	Min	Cent	-0.9	-0.0
		5914	-1.6	-0.0
		3139	-1.6	-0.0
		3143	-0.2	-0.0
		5949	-0.2	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-30.9	-12.9	-117.8	96.3	-140.0
-47.18		5914	-22.0	-21.2	-117.8	96.2	-139.5
-45.10		3139	-22.0	-4.6	-117.8	104.8	-131.4
-47.12		3143	-39.7	-4.6	-117.8	97.0	-141.2
-49.24		5949	-39.7	-21.2	-117.8	87.7	-148.6
-47.24							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	31.6	8.3	-4.2	32.3	7.6
-9.88							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.63	5914	47.4	13.8	-1.5	47.5	13.7
-13.67	3139	40.8	8.7	-8.3	42.8	6.7
-69.42	3143	-26.6	-7.2	-8.5	-4.0	-29.8
-2.13	5949	64.7	17.9	-1.7	64.7	17.8

NODE	Vxx	Vyy
Cent	0.1	-0.0
5914	0.0	0.0
3139	0.0	-0.0
3143	0.1	-0.0
5949	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-54.92	vento -y	Cent	-0.3	-0.2	-0.1	-0.1	-0.3
-70.60		5914	-0.4	-0.1	-0.1	-0.1	-0.4
-63.21		3139	-0.4	-0.2	-0.1	-0.2	-0.4
-31.21		3143	-0.1	-0.2	-0.1	-0.1	-0.3
-44.52		5949	-0.1	-0.1	-0.1	-0.0	-0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.84	Cent	-0.2	-0.0	0.0	-0.0	-0.2
-86.29	5914	-2.4	-0.7	-0.1	-0.7	-2.4
2.27	3139	1.5	0.5	0.0	1.5	0.5
9.10	3143	1.0	0.4	0.1	1.0	0.4
-83.43	5949	-0.7	-0.2	-0.1	-0.2	-0.7

NODE	Vxx	Vyy
Cent	-0.0	-0.0
5914	-0.0	-0.0
3139	-0.0	-0.0
3143	-0.0	-0.0
5949	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-51.94	cedime~1	Cent	-6.9	0.2	-14.4	11.5	-18.2
-53.39		5914	-7.7	1.0	-14.4	11.7	-18.4
-52.03		3139	-7.7	-0.5	-14.4	10.8	-19.0
-50.46		3143	-6.1	-0.5	-14.4	11.4	-18.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.86		5949	-6.1	1.0	-14.4	12.3	-17.4	
	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

72.63		Cent	-14.2	-3.4	3.7	-2.2	-15.3	
-88.52		5914	-107.7	-33.6	-1.9	-33.6	-107.8	
10.18		3139	48.1	15.1	6.1	49.2	14.0	
21.41		3143	25.6	10.5	7.0	28.4	7.7	
-86.60		5949	-22.6	-5.5	-1.0	-5.4	-22.6	
		NODE	Vxx	Vyy				

		Cent	-0.1	-0.0				
		5914	-0.2	-0.0				
		3139	-0.2	-0.0				
		3143	-0.1	-0.0				
		5949	-0.1	-0.0				
	ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-49.28		perm	Cent	-25.9	-6.2	-65.2	49.8	-82.0
-46.68			5914	-18.1	-10.4	-65.2	51.0	-79.5
-48.50			3139	-18.1	-2.1	-65.2	55.6	-75.7
-51.82			3143	-33.7	-2.1	-65.2	49.2	-84.9
-50.06			5949	-33.7	-10.4	-65.2	44.1	-88.3
	ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-8.35			Cent	27.1	7.7	-2.9	27.5	7.2
-0.77			5914	98.2	28.9	-0.9	98.2	28.9
-79.74			3139	-32.8	-11.7	-4.0	-10.9	-33.6
-78.44			3143	-26.1	-7.1	-4.1	-6.3	-26.9
-1.19			5949	69.2	20.5	-1.0	69.2	20.5
			NODE	Vxx	Vyy			

			Cent	0.1	-0.0			
			5914	0.2	-0.0			
			3139	0.2	-0.0			
			3143	0.1	-0.0			
			5949	0.1	-0.0			
	ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-50.21      INV TO~1  Max  Cent      19.5      6.8      -43.9      222.8      -31.4
-56.86                                5914      0.2      5.2      -43.9      146.1      -41.7
-57.64                                3139      0.2      32.5     -43.9      160.3     -30.5
-50.70                                3143     168.9     32.5     -43.9      216.0      19.6
-49.78                                5949     168.9      5.2     -43.9      204.2      -6.7
-40.78      Min  Cent     -139.3    -28.7    -301.6      57.4     -390.6
-46.33                                5914    -315.8    -51.8    -301.6      46.2     -512.8
-55.09                                3139    -315.8    -30.8    -301.6      63.1     -506.9
-16.38                                3143    -152.5    -30.8    -301.6     181.8     -399.4
-14.03                                5949    -152.5    -51.8    -301.6     179.9     -407.6

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ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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6.82      Max  Cent     137.6     40.9     15.5     139.0     39.4
2.20                                5914     555.1    165.1    15.0     555.7    164.6
12.06                                3139     359.4    101.9    57.7     371.7     89.5
37.74                                3143      48.7     19.2     56.9      92.7     -24.8
5.10                                5949     264.9     78.9     16.7     266.4     77.4
-86.96      Min  Cent     -270.3    -83.3    -13.7     -82.7    -270.8
-86.07                                5914   -1351.5   -409.9    -64.9   -405.5   -1355.9
-78.84                                3139    -170.9    -57.3    -23.3    -52.7    -175.5
-73.22                                3143    -104.2    -33.2    -23.6    -26.1    -111.3
-63.20                                5949    -135.1    -37.8    -65.9     -4.5    -168.3

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			NODE	Vxx	Vyy
	Max	Cent		0.7	0.0
			5914	1.0	0.0
			3139	1.0	0.0
			3143	0.5	0.0
			5949	0.5	0.0
	Min	Cent		-1.2	-0.0
			5914	-2.3	-0.0
			3139	-2.3	-0.0
			3143	-0.2	-0.0
			5949	-0.2	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-50.21      INV TO~2  Max  Cent      19.5      6.8      -43.9      222.8      -31.4
-56.86                                5914      0.2      5.2      -43.9      146.1      -41.7

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-57.64			3139	0.2	32.5	-43.9	160.3	-30.5
-50.70			3143	168.9	32.5	-43.9	216.0	19.6
-49.78			5949	168.9	5.2	-43.9	204.2	-6.7
-40.78	Min	Cent		-139.3	-28.7	-301.6	57.4	-390.6
-46.33			5914	-315.8	-51.8	-301.6	46.2	-512.8
-55.09			3139	-315.8	-30.8	-301.6	63.1	-506.9
-49.24			3143	-152.5	-30.8	-301.6	130.9	-399.4
-47.24			5949	-152.5	-51.8	-301.6	118.4	-407.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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6.82	Max	Cent		137.6	40.9	15.5	139.0	39.4
2.20			5914	555.1	165.1	15.0	555.7	164.6
12.06			3139	359.4	101.9	57.7	371.7	89.5
37.74			3143	48.7	19.2	56.9	92.7	-24.8
5.10			5949	264.9	78.9	16.7	266.4	77.4
-86.96	Min	Cent		-270.3	-83.3	-13.7	-82.7	-270.8
-86.07			5914	-1351.5	-409.9	-64.9	-405.5	-1355.9
-78.84			3139	-170.9	-57.3	-23.3	-52.7	-175.5
-73.22			3143	-104.2	-33.2	-23.6	-26.1	-111.3
-63.20			5949	-135.1	-37.8	-65.9	-4.5	-168.3

			NODE	Vxx	Vyy
Max	Cent			0.7	0.0
			5914	1.0	0.0
			3139	1.0	0.0
			3143	0.5	0.0
Min	Cent			0.5	0.0
			5914	-1.2	-0.0
			5914	-2.3	-0.0
			3139	-2.3	-0.0
			3143	-0.2	-0.0
			5949	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
3298	2	15	c mob-a	Max	Cent	15.9	9.8	45.3	58.2	-32.5	
43.06						3422	17.3	9.1	45.3	58.6	-32.3
42.40						2909	17.3	11.0	45.3	59.5	-31.3
43.00						2911	15.2	11.0	45.3	58.4	-32.2
43.65						3453	15.2	9.1	45.3	57.5	-33.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.05								
	Min	Cent	-13.5	-0.4	-0.4	-0.3	-13.5	
-88.22								
			3422	-11.8	-0.4	-0.4	-11.8	
-87.94								
			2909	-11.8	-0.4	-0.4	-11.8	
-87.94								
			2911	-15.0	-0.4	-0.4	-15.0	
-88.40								
			3453	-15.0	-0.4	-0.4	-15.0	
-88.40								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	3.8	1.2	4.0	6.7	-1.7
36.13							
			3422	18.8	4.5	4.1	3.4
14.75							
			2909	3.4	1.2	3.9	-1.7
37.07							
			2911	2.1	0.5	3.6	-2.4
38.80							
			3453	13.6	7.0	3.8	5.3
24.39							
	Min	Cent	-1.0	-0.4	-0.8	0.2	-1.6
-56.65							
			3422	-3.9	-2.4	-0.5	-4.1
-73.02							
			2909	-10.8	-2.5	-0.9	-10.8
-83.91							
			2911	-9.8	-4.6	-0.9	-10.0
-80.86							
			3453	-1.5	-0.5	-0.5	-1.7
-67.32							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		3422	0.0	0.0
		2909	0.0	0.0
		2911	0.0	0.0
		3453	0.0	0.0
	Min	Cent	-0.0	-0.0
		3422	-0.0	-0.0
		2909	-0.0	-0.0
		2911	-0.0	-0.0
		3453	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	34.4	13.1	45.7	-23.2
38.45							
			3422	38.4	12.9	45.7	-21.8
37.23							
			2909	38.4	13.4	45.7	-21.5
37.36							
			2911	31.5	13.4	45.7	-24.2
39.41							
			3453	31.5	12.9	45.7	-24.5
39.28							
	Min	Cent	-12.8	-0.4	-0.2	-0.3	-12.8
-89.02							
			3422	-11.3	-0.4	-0.2	-11.3
-88.88							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.89		2909	-11.3	-0.3	-0.2	-0.3	-11.3
-89.14		2911	-14.5	-0.3	-0.2	-0.3	-14.5
-89.14		3453	-14.5	-0.4	-0.2	-0.4	-14.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	4.8	1.4	4.9	8.3	-2.1
35.63		3422	35.3	8.7	4.8	36.1	7.8
10.01		2909	3.2	1.2	4.5	6.8	-2.4
38.93		2911	1.7	0.4	4.4	5.5	-3.4
40.59		3453	23.1	10.0	4.7	24.6	8.5
17.95							
	Min	Cent	-1.6	-0.5	-1.4	0.5	-2.5
-55.24		3422	-4.6	-2.7	-0.9	-2.4	-5.0
-68.89		2909	-22.3	-5.4	-1.7	-5.2	-22.5
-84.33		2911	-18.9	-7.9	-1.5	-7.7	-19.1
-82.36		3453	-1.4	-0.3	-0.7	-0.0	-1.7
-63.95							

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		3422	0.1	0.0
		2909	0.1	0.0
		2911	0.1	0.0
		3453	0.1	0.0
	Min	Cent	-0.0	-0.0
		3422	-0.0	-0.0
		2909	-0.0	-0.0
		2911	-0.0	-0.0
		3453	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-38.7	23.8	131.5	127.8	-142.6
51.69		3422	-30.9	18.6	131.5	127.7	-140.0
50.33		2909	-30.9	29.1	131.5	134.0	-135.8
51.43		2911	-46.5	29.1	131.5	128.2	-145.5
53.02		3453	-46.5	18.6	131.5	121.5	-149.4
51.95							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	12.5	3.8	8.8	18.0	-1.7
31.89		3422	34.5	4.8	9.7	37.4	1.9
16.52							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

56.03		2909	-8.5	-1.2	9.0	4.9	-14.6
50.17		2911	-10.7	-8.0	7.2	-2.1	-16.6
23.13		3453	34.7	19.7	7.8	38.0	16.4

NODE	Vxx	Vyy
Cent	0.1	-0.0
3422	0.1	-0.0
2909	0.1	0.0
2911	0.1	0.0
3453	0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.15	vento -y	Cent	0.1	0.1	0.8	0.8	-0.7
44.92		3422	0.0	0.0	0.8	0.8	-0.7
46.39		2909	0.0	0.1	0.8	0.8	-0.7
45.38		2911	0.1	0.1	0.8	0.9	-0.7
43.91		3453	0.1	0.0	0.8	0.8	-0.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.48	Cent	-0.0	-0.0	0.2	0.2	-0.2
46.58	3422	-0.2	-0.2	0.2	0.0	-0.3
43.79	2909	0.1	0.1	0.2	0.2	-0.1
53.79	2911	-0.3	-0.1	0.2	-0.0	-0.4
37.55	3453	0.2	0.1	0.2	0.4	0.0

NODE	Vxx	Vyy
Cent	0.0	-0.0
3422	-0.0	-0.0
2909	-0.0	0.0
2911	0.0	0.0
3453	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-78.70	cedime~1	Cent	-191.2	-35.8	-32.3	-29.4	-197.7
-79.16		3422	-206.9	-44.2	-32.3	-38.0	-213.1
-80.09		2909	-206.9	-27.4	-32.3	-21.8	-212.6
-78.21		2911	-175.6	-27.4	-32.3	-20.7	-182.3
-76.89		3453	-175.6	-44.2	-32.3	-36.7	-183.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-48.91		Cent	-4.4	-0.7	-13.5	11.0	-16.1
-81.79		3422	-113.5	-20.3	-13.7	-18.3	-115.4
-7.44		2909	90.1	17.8	-9.6	91.3	16.6
-10.94		2911	95.2	33.6	-12.4	97.6	31.2
-74.64		3453	-89.4	-33.9	-16.5	-29.3	-93.9

NODE	Vxx	Vyy
Cent	-0.3	0.0
3422	-0.3	0.0
2909	-0.3	-0.0
2911	-0.2	-0.0
3453	-0.2	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.20	perm	Cent	-8.1	9.0	46.6	47.8	-46.9
48.61		3422	-4.5	7.3	46.6	48.3	-45.5
49.65		2909	-4.5	10.8	46.6	50.3	-44.1
51.77		2911	-11.7	10.8	46.6	47.4	-48.3
50.75		3453	-11.7	7.3	46.6	45.3	-49.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.30		Cent	7.7	2.1	3.4	9.3	0.5
8.60		3422	29.2	5.6	3.6	29.7	5.0
73.61		2909	-12.4	-2.6	3.1	-1.7	-13.3
72.16		2911	-14.2	-6.4	2.8	-5.5	-15.0
10.99		3453	28.2	11.9	3.3	28.8	11.3

NODE	Vxx	Vyy
Cent	0.1	-0.0
3422	0.1	-0.0
2909	0.1	0.0
2911	0.1	0.0
3453	0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	38.4	26.8	108.3	141.1	-58.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.46							
		3422	47.3	24.8	108.3	144.9	-54.8
42.03		2909	47.3	28.8	108.3	146.8	-53.6
42.56		2911	30.8	28.8	108.3	138.1	-61.5
44.74							
44.20		3453	30.8	24.8	108.3	136.2	-62.5
	Min	Cent	-217.5	-27.3	13.7	-26.3	-218.5
85.91		3422	-227.3	-37.6	13.7	-36.6	-228.3
85.90		2909	-227.3	-17.2	13.7	-16.4	-228.2
86.29		2911	-207.5	-17.2	13.7	-16.3	-208.5
85.91							
85.43		3453	-207.5	-37.6	13.7	-36.5	-208.6

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
	Max	Cent	14.1	4.1	10.0	20.3	1.8
31.65		3422	76.8	17.3	10.2	78.4	15.6
9.46		2909	82.2	16.9	9.2	82.2	16.9
-0.31		2911	83.8	27.8	8.7	84.0	27.6
-3.69							
14.85		3453	59.4	25.5	9.7	61.9	22.9
	Min	Cent	1.2	0.7	-12.0	6.1	-11.0
17.95		3422	-90.6	-18.4	-11.3	-16.6	-92.3
-81.34		2909	-42.6	-9.9	-8.8	-9.9	-42.6
88.52		2911	-39.7	-17.1	-11.6	-17.1	-39.7
88.11							
-72.59		3453	-63.2	-22.5	-14.1	-18.1	-67.6

		NODE	Vxx	Vyy
	Max	Cent	0.1	0.0
		3422	0.2	0.0
		2909	0.2	0.0
		2911	0.1	0.0
		3453	0.1	0.0
	Min	Cent	-0.2	-0.0
		3422	-0.2	-0.0
		2909	-0.2	-0.0
		2911	-0.2	-0.0
		3453	-0.2	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								
	INV TO~2	Max	Cent	38.4	32.2	177.6	172.5	-58.1
51.69			3422	47.3	25.1	177.6	172.3	-54.8
50.33			2909	47.3	39.3	177.6	180.9	-53.6
51.43								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl


53.02			2911	30.8	39.3	177.6	173.0	-61.5
51.95			3453	30.8	25.1	177.6	164.1	-62.5
85.91		Min	Cent	-217.5	-27.3	13.7	-26.3	-218.5
85.90			3422	-227.3	-37.6	13.7	-36.6	-228.3
86.29			2909	-227.3	-17.2	13.7	-16.4	-228.2
85.91			2911	-207.5	-17.2	13.7	-16.3	-208.5
85.43			3453	-207.5	-37.6	13.7	-36.5	-208.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
31.89		Max	Cent	16.9	5.2	11.9	24.3	1.8
9.46			3422	76.8	17.3	13.1	78.4	15.6
-0.31			2909	82.2	16.9	12.2	82.2	16.9
-3.69			2911	83.8	27.8	9.7	84.0	27.6
14.85			3453	59.4	26.7	10.6	61.9	22.9
17.95		Min	Cent	1.2	0.7	-12.0	6.1	-11.0
-81.34			3422	-90.6	-18.4	-11.3	-16.6	-92.3
88.52			2909	-42.6	-9.9	-8.8	-9.9	-42.6
88.11			2911	-39.7	-17.1	-11.6	-17.1	-39.7
-72.59			3453	-63.2	-22.5	-14.1	-18.1	-67.6

		NODE	Vxx	Vyy
Max	Cent		0.1	0.0
		3422	0.2	0.0
		2909	0.2	0.0
		2911	0.1	0.0
		3453	0.1	0.0
Min	Cent		-0.2	-0.0
		3422	-0.2	-0.0
		2909	-0.2	-0.0
		2911	-0.2	-0.0
		3453	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3299	2	15	c mob-a	Max	Cent	19.2	16.8	100.3	118.3	-82.3
44.65						3453	15.6	18.2	100.3	-83.4
45.37						2911	15.6	16.6	100.3	-84.2
45.14						2913	23.9	16.6	100.3	120.6
43.95						3484	23.9	18.2	100.3	121.4
44.17				Min	Cent	-17.3	-0.9	-0.8	-0.9	-17.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.22			3453	-13.3	-1.2	-0.8	-1.1	-13.3
-86.23			2911	-13.3	-1.6	-0.8	-1.6	-13.3
-86.09			2913	-21.6	-1.6	-0.8	-1.6	-21.7
-87.72			3484	-21.6	-1.2	-0.8	-1.1	-21.7
-87.77								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	4.1	1.8	2.8	5.9	-0.0
33.50			3453	13.7	8.1	3.2	15.2	6.6
24.51			2911	2.3	1.3	2.7	4.5	-0.9
40.16			2913	3.3	1.2	2.3	4.8	-0.3
32.66			3484	9.4	2.4	2.8	10.3	1.4
19.15		Min	Cent	-2.8	-0.7	-1.6	0.2	-3.7
-61.16			3453	-1.9	-1.3	-1.5	-0.1	-3.1
-50.83			2911	-9.2	-2.8	-1.2	-2.6	-9.4
-79.62			2913	-7.9	-3.3	-1.5	-2.9	-8.3
-73.23			3484	-4.2	-1.0	-1.8	-0.2	-4.9
-66.07								

			NODE	Vxx	Vyy
	Max	Cent	3453	0.0	0.0
			2911	0.0	0.0
			2913	0.0	0.0
			3484	0.0	0.0
	Min	Cent	3453	-0.0	-0.0
			2911	-0.0	-0.0
			2913	-0.0	-0.0
			3484	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	37.0	20.8	101.8	131.0	-73.2
42.73			3453	32.0	23.0	101.8	129.4	-74.4
43.74			2911	32.0	19.4	101.8	127.6	-76.3
43.23			2913	45.1	19.4	101.8	134.9	-70.3
41.39			3484	45.1	23.0	101.8	136.5	-68.3
41.90		Min	Cent	-16.9	-0.7	-0.5	-0.7	-16.9
-88.15			3453	-12.6	-1.1	-0.5	-1.1	-12.6
-87.39			2911	-12.6	-2.1	-0.5	-2.1	-12.6
-87.13								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.44		2913	-21.4	-2.1	-0.5	-2.1	-21.4
-88.52		3484	-21.4	-1.1	-0.5	-1.1	-21.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	4.3	1.8	3.8	7.1	-0.9
35.66		3453	23.5	10.7	4.7	25.1	9.2
18.16		2911	2.0	1.3	3.4	5.1	-1.8
42.22		2913	2.8	1.0	2.9	4.9	-1.1
36.01		3484	12.8	3.9	4.0	14.3	2.4
20.91	Min	Cent	-4.6	-1.1	-2.2	-0.0	-5.7
-64.42		3453	-1.8	-1.7	-2.0	0.2	-3.7
-45.29		2911	-18.3	-5.9	-1.9	-5.6	-18.5
-81.59		2913	-15.4	-6.3	-2.1	-5.8	-15.8
-77.41		3484	-5.9	-1.0	-2.3	-0.1	-6.8
-68.23							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		3453	0.1	0.0
		2911	0.1	0.0
		2913	0.0	0.0
		3484	0.0	0.0
	Min	Cent	-0.0	-0.0
		3453	-0.0	-0.0
		2911	-0.0	-0.0
		2913	-0.0	-0.0
		3484	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-49.7	39.0	298.1	296.0	-306.7
49.23		3453	-41.9	38.9	298.1	299.3	-302.3
48.86		2911	-41.9	39.1	298.1	299.4	-302.3
48.87		2913	-57.4	39.1	298.1	292.8	-311.1
49.60		3484	-57.4	38.9	298.1	292.7	-311.2
49.59							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	14.1	5.8	1.8	14.5	5.5
11.55		3453	35.1	21.1	2.3	35.5	20.7
9.25		2911	-8.6	-1.0	3.6	0.4	-10.0
68.29							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

32.27		2913	0.4	-1.5	1.9	1.6	-2.7
1.63		3484	29.6	4.7	0.7	29.6	4.7

NODE	Vxx	Vyy
Cent	0.0	0.0
3453	0.1	0.0
2911	0.1	0.0
2913	0.0	0.0
3484	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	0.5	-0.2	2.3	2.5	-2.2
40.78		3453	0.0	-0.2	2.3	2.2	-2.4
43.69		2911	0.0	-0.2	2.3	2.2	-2.4
43.83		2913	1.0	-0.2	2.3	2.8	-2.0
37.96		3484	1.0	-0.2	2.3	2.8	-2.0
37.82							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.1	-0.0	0.2	0.1	-0.2
51.58	3453	0.1	-0.1	0.2	0.3	-0.2
27.62	2911	-0.2	-0.0	0.1	0.0	-0.3
61.14	2913	-0.3	-0.2	0.1	-0.1	-0.4
60.61	3484	-0.0	0.2	0.2	0.3	-0.1
63.47						

NODE	Vxx	Vyy
Cent	0.0	-0.0
3453	0.0	-0.0
2911	0.0	0.0
2913	0.0	0.0
3484	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-208.3	-45.6	-47.5	-32.8	-221.2
-74.85		3453	-178.5	-62.1	-47.5	-45.2	-195.4
-70.38		2911	-178.5	-29.1	-47.5	-15.3	-192.3
-73.77		2913	-238.1	-29.1	-47.5	-18.8	-248.4
-77.77		3484	-238.1	-62.1	-47.5	-50.1	-250.1
-75.81							

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	17.2	3.5	-11.8	24.1	-3.3
-30.01	3453	-85.2	-20.1	-17.4	-15.7	-89.6
-75.91	2911	92.8	25.7	-9.8	94.2	24.3
-8.16	2913	83.7	29.8	-6.9	84.6	28.9
-7.14	3484	-22.5	-21.2	-14.5	-7.3	-36.3
-46.22						
	NODE	Vxx	Vyy			
	Cent	-0.2	0.0			
	3453	-0.2	0.0			
	2911	-0.2	-0.0			
	2913	-0.1	-0.0			
	3484	-0.1	0.0			

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-8.6	13.9	106.7	109.9	-104.6
48.02		3453	-10.2	15.1	106.7	109.9	-104.9
48.38		2911	-10.2	12.7	106.7	108.5	-106.0
48.06		2913	-7.1	12.7	106.7	109.9	-104.3
47.65		3484	-7.1	15.1	106.7	111.2	-103.2
47.97							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	6.3	2.5	0.8	6.4	2.3
11.77	3453	28.1	11.7	1.6	28.3	11.6
5.50	2911	-13.2	-3.3	1.2	-3.2	-13.4
83.13	2913	-10.9	-4.5	0.3	-4.5	-10.9
87.05	3484	21.0	5.9	0.7	21.1	5.9
2.71						
	NODE	Vxx	Vyy			
	Cent	0.0	0.0			
	3453	0.1	0.0			
	2911	0.1	0.0			
	2913	0.0	0.0			
	3484	0.0	0.0			

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	41.2	42.0	244.1	285.7	-117.6
45.04		3453	33.0	46.2	244.1	283.7	-114.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.78			2911	33.0	38.8	244.1	280.0	-116.4
45.35			2913	53.8	38.8	244.1	290.5	-121.3
44.12			3484	53.8	46.2	244.1	294.1	-119.9
44.55		Min	Cent	-240.4	-33.0	58.1	-17.8	-298.2
75.38			3453	-206.6	-48.6	58.1	-29.5	-287.7
71.85			2911	-206.6	-19.3	58.1	-2.8	-279.2
74.10			2913	-274.4	-19.3	58.1	-6.7	-306.4
77.76			3484	-274.4	-48.6	58.1	-34.5	-313.9
76.40								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	29.3	8.4	5.9	30.9	6.9
-14.76			3453	59.9	26.2	7.9	61.7	24.4
12.63			2911	82.7	24.2	5.9	82.9	24.0
-3.87			2913	77.3	26.9	4.2	77.4	26.8
-3.02			3484	38.3	11.2	6.1	39.6	9.9
12.08		Min	Cent	0.0	1.0	-14.0	2.7	-4.5
-51.25			3453	-59.6	-10.7	-18.5	-4.5	-65.8
-71.44			2911	-37.9	-11.2	-11.1	-11.2	-37.9
-87.17			2913	-31.6	-13.0	-9.4	-12.6	-32.0
-82.37			3484	-9.3	-16.6	-16.9	4.3	-30.3
-38.88								

			NODE	Vxx	Vyy
	Max	Cent	3453	0.1	0.0
			2911	0.1	0.0
			2913	0.1	0.0
			3484	0.1	0.0
	Min	Cent	3453	-0.1	0.0
			2911	-0.2	-0.0
			2913	-0.1	-0.0
			3484	-0.1	-0.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

		INV TO~2	Max	Cent	41.2	52.7	402.4	399.7	-117.6
49.23				3453	33.0	52.6	402.4	404.1	-114.9
48.86				2911	33.0	52.8	402.4	404.2	-116.4
48.87				2913	53.8	52.8	402.4	395.3	-121.3
49.60									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

49.59			3484	53.8	52.6	402.4	395.2	-119.9
75.38	Min	Cent		-240.4	-33.0	58.1	-17.8	-414.1
71.85			3453	-206.6	-48.6	58.1	-29.5	-408.1
74.10			2911	-206.6	-19.3	58.1	-2.8	-408.0
77.76			2913	-274.4	-19.3	58.1	-6.7	-420.0
76.40			3484	-274.4	-48.6	58.1	-34.5	-420.1

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-14.76	Max	Cent		29.3	8.4	5.9	30.9	7.4
12.63			3453	59.9	28.5	7.9	61.7	27.9
-3.87			2911	82.7	24.2	5.9	82.9	24.0
-3.02			2913	77.3	26.9	4.2	77.4	26.8
1.63			3484	39.9	11.2	6.1	39.9	9.9
-51.25	Min	Cent		0.0	1.0	-14.0	2.7	-4.5
-71.44			3453	-59.6	-10.7	-18.5	-4.5	-65.8
-87.17			2911	-37.9	-11.2	-11.1	-11.2	-37.9
-82.37			2913	-31.6	-13.0	-9.4	-12.6	-32.0
-38.88			3484	-9.3	-16.6	-16.9	4.3	-30.3

		NODE	Vxx	Vyy
Max	Cent		0.1	0.0
		3453	0.1	0.0
		2911	0.1	0.0
		2913	0.1	0.0
		3484	0.1	0.0
Min	Cent		-0.1	0.0
		3453	-0.2	-0.0
		2911	-0.2	-0.0
		2913	-0.1	-0.0
		3484	-0.1	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3336	2	15	c mob-a							
43.67				Max	Cent	8.3	1.2	76.7	81.5	-72.0
43.91						4600	7.4	76.7	81.2	-72.3
43.77						2985	7.4	76.7	80.8	-72.7
41.99						2987	16.9	76.7	85.9	-68.2
42.13						4630	16.9	76.7	86.3	-67.8
-12.56				Min	Cent	-111.6	-325.8	-50.2	-100.4	-337.0
						4600	-88.5	-462.7	-50.2	-469.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.51							
	2985	-88.5	-201.6	-50.2	-69.4	-220.7	
-20.80							
	2987	-164.7	-201.6	-50.2	-129.6	-236.7	
-34.90							
	4630	-164.7	-462.7	-50.2	-156.4	-471.0	
-9.31							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	135.9	41.4	8.4	136.6	40.7
5.06							
		4600	340.5	102.3	27.3	343.6	99.2
6.44							
		2985	399.5	110.3	25.3	401.7	108.1
4.97							
		2987	387.6	112.7	23.2	389.5	110.7
4.80							
		4630	320.9	96.2	24.9	323.6	93.5
6.25							
	Min	Cent	-804.4	-244.9	-14.2	-244.6	-804.8
-88.55							
		4600	-2102.0	-631.0	-40.7	-629.9	-2103.1
-88.42							
		2985	-85.8	-27.5	-9.7	-25.9	-87.4
-80.83							
		2987	-77.3	-20.9	-12.6	-18.2	-80.0
-77.98							
		4630	-1911.4	-573.4	-43.1	-572.0	-1912.7
-88.16							

		NODE	Vxx	Vyy
	Max	Cent	0.5	0.0
		4600	0.5	0.0
		2985	0.5	0.0
		2987	0.5	0.0
		4630	0.5	0.0
	Min	Cent	-3.1	-0.0
		4600	-3.3	-0.0
		2985	-3.3	-0.0
		2987	-3.0	-0.0
		4630	-3.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	13.0	0.8	108.1	115.1
43.39							
			4600	10.9	1.1	108.1	114.2
43.71							
			2985	10.9	0.6	108.1	113.9
43.63							
			2987	24.7	0.6	108.1	121.3
41.82							
			4630	24.7	1.1	108.1	121.6
41.89							
		Min	Cent	-156.7	-355.8	-72.2	-133.3
-17.98							
			4600	-139.5	-506.6	-72.2	-125.8
-10.74							
			2985	-139.5	-220.5	-72.2	-97.2
-30.35							
			2987	-219.8	-220.5	-72.2	-147.9
-44.86							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			4630	-219.8	-506.6	-72.2	-202.6	-523.8
-13.36								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	198.6	60.5	11.2	199.5	59.6	
4.61		4600	497.1	149.2	39.2	501.5	144.9	
6.36		2985	483.9	134.9	35.4	487.5	131.3	
5.74		2987	472.5	137.3	33.2	475.7	134.1	
5.61		4630	465.3	139.5	36.5	469.4	135.5	
6.32	Min	Cent	-914.2	-278.1	-16.4	-277.7	-914.6	
-88.52		4600	-2412.4	-724.1	-52.1	-722.5	-2414.1	
-88.23		2985	-137.3	-42.1	-16.5	-39.3	-140.1	
-80.45		2987	-120.7	-33.3	-19.2	-29.3	-124.7	
-78.14		4630	-2221.5	-665.8	-54.7	-663.9	-2223.5	
-87.99								
		NODE	Vxx	Vyy				
	Max	Cent	0.7	0.0				
		4600	0.8	0.0				
		2985	0.8	0.0				
		2987	0.7	0.0				
		4630	0.7	0.0				
	Min	Cent	-3.6	-0.0				
		4600	-3.8	-0.0				
		2985	-3.8	-0.0				
		2987	-3.5	-0.0				
		4630	-3.5	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	pp	Cent	-56.6	-800.8	46.4	-53.7	-803.7	
3.56		4600	-41.2	-1076.2	46.4	-39.1	-1078.3	
2.56		2985	-41.2	-525.4	46.4	-36.8	-529.8	
5.43		2987	-72.0	-525.4	46.4	-67.3	-530.1	
5.79		4630	-72.0	-1076.2	46.4	-69.9	-1078.4	
2.64								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-293.5	-90.2	0.6	-90.2	-293.5	
89.84		4600	-815.5	-244.0	-4.2	-244.0	-815.5	
-89.58		2985	190.1	52.3	4.0	190.2	52.1	
1.64		2987	158.8	47.0	3.3	158.9	46.9	
1.68								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.44		4630	-707.3	-216.1	-4.8	-216.0	-707.3
		NODE	Vxx	Vyy			
		Cent	-1.2	0.0			
		4600	-1.3	0.0			
		2985	-1.3	-0.0			
		2987	-1.1	-0.0			
		4630	-1.1	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
89.99	vento -y	Cent	0.3	29.2	0.0	29.2	0.3
89.99		4600	0.9	34.4	0.0	34.4	0.9
89.99		2985	0.9	24.0	0.0	24.0	0.9
89.99		2987	-0.4	24.0	0.0	24.0	-0.4
89.99		4630	-0.4	34.4	0.0	34.4	-0.4
89.99							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
-88.43		Cent	-9.2	-2.8	-0.2	-2.8	-9.2
-89.07		4600	-24.0	-7.3	-0.3	-7.3	-24.0
-0.03		2985	4.3	1.1	-0.0	4.3	1.1
-1.20		2987	5.5	1.6	-0.1	5.5	1.6
-88.73		4630	-22.5	-6.7	-0.4	-6.7	-22.5
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		4600	-0.0	-0.0			
		2985	-0.0	-0.0			
		2987	-0.0	-0.0			
		4630	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
-88.88	cedime~1	Cent	4.3	61.6	-1.1	61.6	4.3
-89.24		4600	2.8	87.0	-1.1	87.0	2.8
-88.08		2985	2.8	36.2	-1.1	36.2	2.7
-87.89		2987	5.8	36.2	-1.1	36.2	5.7
-89.21		4630	5.8	87.0	-1.1	87.0	5.8
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
-0.87          Cent      31.5      9.4      -0.3      31.5      9.4
  0.47          4600     78.9     23.5      0.5      78.9     23.5
-83.76         2985     -9.9     -2.8     -0.8     -2.8    -10.0
-80.30         2987     -7.7     -2.7     -0.9     -2.5     -7.8
  0.45         4630     64.8     19.7      0.4     64.8     19.7
  
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.1      0.0
          4600      0.1     -0.0
          2985      0.1      0.0
          2987      0.1      0.0
          4630      0.1     -0.0
  
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent      -22.3   -257.0   16.5     -21.2   -258.1
          4600   -22.3   -342.5   16.5     -21.4   -343.4
          2985   -22.3   -171.4   16.5     -20.5   -173.2
          2987   -22.4   -171.4   16.5     -20.6   -173.2
          4630   -22.4   -342.5   16.5     -21.6   -343.4
  
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent      -23.1    -7.2      1.0     -7.1    -23.2
          4600    -57.9   -17.2     -0.3    -17.2   -57.9
          2985      3.4      0.8      1.4      4.0      0.1
          2987     -8.5     -2.4      1.7     -1.9     -8.9
          4630    -29.5    -9.9     -0.1    -9.9    -29.5
  
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent     -0.1      0.0
          4600     -0.1      0.0
          2985     -0.1     -0.0
          2987     -0.0     -0.0
          4630     -0.0      0.0
  
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1 Max Cent      -0.5   -193.8   162.4     90.8   -285.2
          4600   -4.8   -253.4   162.4     74.5   -332.8
          2985   -4.8   -134.2   162.4    104.3   -243.3
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

34.08			2987	16.7	-134.2	162.4	119.3	-236.8
32.47			4630	16.7	-253.4	162.4	92.0	-328.8
25.03		Min	Cent	-233.9	-737.3	-82.1	-221.2	-750.0
-8.92			4600	-210.6	-1026.4	-82.1	-202.6	-1034.4
-5.61			2985	-210.6	-469.1	-82.1	-187.3	-492.3
-16.03			2987	-319.1	-469.1	-82.1	-283.7	-504.4
-23.60			4630	-319.1	-1026.4	-82.1	-310.0	-1035.6
-6.45								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

4.66		Max	Cent	276.5	84.0	16.1	277.7	82.7
6.18			4600	692.0	207.8	53.1	697.8	202.0
5.88			2985	656.7	182.9	49.3	661.7	177.8
5.89			2987	629.4	183.0	46.6	634.2	178.2
6.02			4630	663.5	198.2	49.6	668.7	193.0
-88.62		Min	Cent	-1257.3	-382.6	-21.5	-382.1	-1257.8
-88.26			4600	-3314.7	-994.7	-70.7	-992.6	-3316.9
-81.01			2985	-191.9	-58.9	-21.6	-55.4	-195.3
-79.37			2987	-179.1	-50.0	-25.1	-45.3	-183.8
-88.00			4630	-3028.6	-908.7	-73.9	-906.2	-3031.2

			NODE	Vxx	Vyy
Max	Cent		4600	1.1	0.0
			2985	1.1	0.0
			2987	1.1	0.0
			4630	1.1	0.0
			Cent	4600	-5.0
Min	Cent		4600	-5.2	-0.0
			2985	-5.2	-0.0
			2987	-4.8	-0.0
			4630	-4.8	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

29.54	INV TO~2	Max	Cent	-0.5	-193.8	162.4	90.8	-285.2
26.19			4600	-4.8	-253.4	162.4	74.5	-332.8
34.08			2985	-4.8	-134.2	162.4	104.3	-243.3
32.47			2987	16.7	-134.2	162.4	119.3	-236.8
25.03			4630	16.7	-253.4	162.4	92.0	-328.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.92	Min	Cent	-233.9	-1081.1	-82.1	-221.2	-1085.0
-5.61		4600	-210.6	-1452.9	-82.1	-202.6	-1455.7
-16.03		2985	-210.6	-709.2	-82.1	-187.3	-715.2
-23.60		2987	-319.1	-709.2	-82.1	-283.7	-715.6
-6.45		4630	-319.1	-1452.9	-82.1	-310.0	-1455.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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4.66	Max	Cent	276.5	84.0	16.1	277.7	82.7
6.18		4600	692.0	207.8	53.1	697.8	202.0
5.88		2985	656.7	182.9	49.3	661.7	177.8
5.89		2987	629.4	183.0	46.6	634.2	178.2
6.02		4630	663.5	198.2	49.6	668.7	193.0
-88.62	Min	Cent	-1257.3	-382.6	-21.5	-382.1	-1257.8
-88.26		4600	-3314.7	-994.7	-70.7	-992.6	-3316.9
-81.01		2985	-191.9	-58.9	-21.6	-55.4	-195.3
-79.37		2987	-179.1	-50.0	-25.1	-45.3	-183.8
-88.00		4630	-3028.6	-908.7	-73.9	-906.2	-3031.2

		NODE	Vxx	Vyy
Max	Cent	4600	1.1	0.0
		2985	1.1	0.0
		2987	1.1	0.0
		4630	1.1	0.0
Min	Cent	4600	-5.0	-0.0
		4600	-5.2	-0.0
		2985	-5.2	-0.0
		2987	-4.8	-0.0
		4630	-4.8	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
3337	2	15	c mob-a	Max	Cent	191.4	1.0	79.3	220.1
19.91					4630	18.8	1.2	79.3	89.8
41.84					2987	18.8	0.8	79.3	89.7
41.76					2989	470.5	0.8	79.3	483.5
9.33					4659	470.5	1.2	79.3	483.5
9.34				Min	Cent	-49.5	-254.9	-87.3	-17.4
-20.18					4630	-142.6	-291.6	-87.3	-102.4
-24.76					2987	-142.6	-222.5	-87.3	-86.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-32.71			2989	-112.1	-222.5	-87.3	-64.0	-270.5
-28.84			4659	-112.1	-291.6	-87.3	-76.7	-327.0
-22.10								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			-----	-----	-----	-----	-----	-----
		Max	Cent	78.9	23.9	12.4	81.6	21.2
12.17			4630	322.2	100.6	12.8	322.9	99.9
3.29			2987	386.0	107.5	58.2	397.7	95.8
11.35			2989	20.3	9.1	57.4	72.4	-42.9
42.22			4659	51.0	12.1	12.4	54.6	8.4
16.28		Min	Cent	-441.6	-135.0	-14.7	-134.3	-442.3
-87.27			4630	-1906.6	-557.7	-79.2	-553.1	-1911.3
-86.65			2987	-78.0	-23.2	-16.4	-18.7	-82.5
-74.56			2989	-131.7	-47.1	-14.8	-44.6	-134.2
-80.35			4659	-183.4	-73.9	-79.4	-32.1	-225.1
-62.29								

			NODE	Vxx	Vyy
	Max	Cent	4630	0.3	0.0
			2987	0.5	0.0
			2989	0.1	0.0
			4659	0.1	0.0
	Min	Cent	4630	-1.6	-0.0
			2987	-3.0	-0.0
			2989	-0.2	-0.0
			4659	-0.2	-0.0

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	--	----	------	-----	-----	-----	------	------

			-----	-----	-----	-----	-----	-----	-----
		c mob-b	Max	Cent	196.2	0.7	110.0	245.5	-48.7
24.19				4630	27.6	0.8	110.0	125.0	-96.5
41.52				2987	27.6	0.6	110.0	124.9	-96.7
41.49				2989	483.4	0.6	110.0	507.3	-23.3
12.25				4659	483.4	0.8	110.0	507.3	-23.1
12.25		Min	Cent	4630	-71.6	-274.8	-106.5	-26.1	-320.4
-23.17				2987	-197.5	-315.2	-106.5	-134.7	-378.0
-30.54				2989	-197.5	-238.0	-106.5	-109.4	-326.2
-39.62				4659	-166.0	-238.0	-106.5	-89.6	-314.4
-35.65				4659	-166.0	-315.2	-106.5	-110.6	-370.6
-27.49									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	115.1	34.8	15.1	117.9	32.0
10.32		4630	467.4	146.5	21.5	468.8	145.1
3.82		2987	470.7	131.5	68.7	484.1	118.1
11.03		2989	30.4	14.1	68.6	91.3	-46.8
41.62		4659	74.8	17.6	19.5	80.9	11.6
17.17	Min	Cent	-502.9	-154.1	-17.5	-153.2	-503.8
-87.14		4630	-2216.5	-649.2	-90.9	-643.9	-2221.8
-86.69		2987	-121.5	-36.0	-23.8	-29.8	-127.7
-75.45		2989	-140.7	-52.3	-22.0	-47.2	-145.9
-76.79		4659	-218.0	-87.9	-90.3	-41.7	-264.3
-62.88							

		NODE	Vxx	Vyy
Max	Cent		0.4	0.0
	4630		0.7	0.0
	2987		0.7	0.0
	2989		0.2	0.0
	4659		0.2	0.0
Min	Cent		-1.9	-0.0
	4630		-3.5	-0.0
	2987		-3.5	-0.0
	2989		-0.2	-0.0
	4659		-0.2	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	79.1	-652.3	40.3	81.3	-654.5
3.14		4630	-27.5	-761.0	40.3	-25.3	-763.2
3.13		2987	-27.5	-543.7	40.3	-24.3	-546.8
4.43		2989	185.7	-543.7	40.3	187.9	-545.9
3.15		4659	185.7	-761.0	40.3	187.4	-762.7
2.43							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-168.8	-50.1	-7.2	-49.7	-169.2
-86.54		4630	-694.7	-174.2	-32.3	-172.2	-696.7
-86.46		2987	155.9	37.6	11.7	157.1	36.5
5.62		2989	-56.8	-14.6	6.8	-13.6	-57.9
81.12		4659	-79.4	-49.2	-37.3	-24.1	-104.6
-56.02							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.6	0.0
4630	-1.1	0.1
2987	-1.1	-0.0
2989	-0.0	-0.0
4659	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-82.11	vento -y	Cent	3.4	24.8	-3.0	25.3	3.0
-83.88		4630	-1.7	26.2	-3.0	26.6	-2.0
-83.23		2987	-1.7	23.5	-3.0	23.8	-2.0
-78.97		2989	8.5	23.5	-3.0	24.1	7.9
-80.56		4659	8.5	26.2	-3.0	26.7	8.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
82.36	Cent	-4.9	-1.6	0.5	-1.5	-4.9
-87.30	4630	-22.9	-8.1	-0.7	-8.1	-23.0
12.14	2987	5.6	1.9	0.8	5.8	1.7
59.51	2989	-1.8	-0.7	1.0	-0.2	-2.4
-66.76	4659	-0.4	0.7	-0.6	1.0	-0.6

NODE	Vxx	Vyy
Cent	-0.0	-0.0
4630	-0.0	-0.0
2987	-0.0	0.0
2989	0.0	0.0
4659	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.27	cedime~1	Cent	-7.8	48.6	-0.7	48.6	-7.8
-89.28		4630	1.9	59.4	-0.7	59.4	1.9
-88.86		2987	1.9	37.9	-0.7	37.9	1.9
-89.26		2989	-17.5	37.9	-0.7	37.9	-17.5
-89.46		4659	-17.5	59.4	-0.7	59.4	-17.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	17.5	4.9	0.0	17.5	4.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.05							
3.17		4630	63.8	16.2	2.6	63.9	16.1
-72.21		2987	-7.5	-1.9	-2.0	-1.3	-8.1
-21.59		2989	4.5	0.8	-1.7	5.2	0.1
26.14		4659	9.1	4.6	2.9	10.6	3.2

NODE	Vxx	Vyy
Cent	0.1	-0.0
4630	0.1	-0.0
2987	0.1	0.0
2989	0.0	0.0
4659	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.55	perm	Cent	-11.5	-213.8	23.5	-8.8	-216.5
5.47		4630	-9.5	-253.2	23.5	-7.2	-255.4
7.96		2987	-9.5	-174.5	23.5	-6.2	-177.8
8.15		2989	-13.5	-174.5	23.5	-10.2	-177.9
5.56		4659	-13.5	-253.2	23.5	-11.3	-255.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.84	Cent	-6.7	-1.7	-2.6	-0.6	-7.9
-81.31	4630	-25.5	3.4	-4.5	4.1	-26.2
82.59	2987	-9.3	-5.3	0.5	-5.2	-9.4
-87.29	2989	-18.4	-4.3	-0.7	-4.3	-18.4
-11.49	4659	26.2	-0.8	-5.7	27.4	-1.9

NODE	Vxx	Vyy
Cent	0.0	0.0
4630	-0.0	0.0
2987	-0.0	-0.0
2989	0.1	-0.0
4659	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
18.22	INV TO~1 Max	Cent	253.3	-163.8	172.0	309.9	-226.0
28.53		4630	29.7	-192.2	172.0	122.8	-285.3
32.12		2987	29.7	-135.5	172.0	137.3	-243.0
		2989	639.0	-135.5	172.0	673.9	-172.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.47			4659	639.0	-192.2	172.0	671.1	-226.8
10.56								
-14.96		Min	Cent	-116.0	-584.8	-120.9	-83.7	-613.4
-15.42				4630	-276.2	-678.8	-120.9	-243.0
-23.79				2987	-276.2	-495.8	-120.9	-223.2
-25.01				2989	-255.1	-495.8	-120.9	-198.7
-16.79				4659	-255.1	-678.8	-120.9	-218.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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8.54		Max	Cent	166.2	50.1	17.8	168.8	47.4
3.43				4630	669.3	217.4	27.2	670.9
11.18				2987	626.2	172.3	93.3	644.6
43.16				2989	27.1	15.5	91.9	111.6
11.72				4659	136.4	27.6	23.6	141.3
-86.86		Min	Cent	-685.7	-209.8	-26.2	-208.3	-687.2
-86.62				4630	-3017.8	-873.0	-127.2	-865.4
-75.88				2987	-180.8	-55.8	-33.6	-47.3
-77.78				2989	-208.3	-75.0	-32.0	-68.4
-60.11				4659	-268.1	-119.5	-127.6	-46.1

		NODE	Vxx	Vyy
Max	Cent		0.6	0.0
		4630	1.1	0.1
		2987	1.1	0.0
		2989	0.3	0.0
		4659	0.3	0.1
Min	Cent		-2.5	-0.0
		4630	-4.8	-0.0
		2987	-4.8	-0.0
		2989	-0.2	-0.0
		4659	-0.2	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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18.22	INV TO~2	Max	Cent	253.3	-163.8	172.0	309.9	-226.0
28.53				4630	29.7	-192.2	172.0	122.8
32.12				2987	29.7	-135.5	172.0	137.3
11.47				2989	639.0	-135.5	172.0	673.9
10.56				4659	639.0	-192.2	172.0	671.1
-14.96		Min	Cent	-116.0	-880.6	-120.9	-83.7	-883.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.42	4630	-276.2	-1027.3	-120.9	-243.0	-1030.3
-23.79	2987	-276.2	-734.0	-120.9	-223.2	-738.2
-25.01	2989	-255.1	-734.0	-120.9	-198.7	-736.9
-16.79	4659	-255.1	-1027.3	-120.9	-218.6	-1029.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

8.54	Max	Cent	166.2	50.1	17.8	168.8	47.4
3.43		4630	669.3	217.4	27.2	670.9	215.8
11.18		2987	626.2	172.3	93.3	644.6	153.9
43.16		2989	27.1	15.5	91.9	111.6	-69.1
11.72		4659	136.4	27.6	23.6	141.3	22.8
-86.86	Min	Cent	-685.7	-209.8	-26.2	-208.3	-687.2
-86.62		4630	-3017.8	-873.0	-127.2	-865.4	-3025.3
-75.88		2987	-180.8	-55.8	-33.6	-47.3	-189.3
-77.78		2989	-208.3	-75.0	-32.0	-68.4	-214.9
-60.11		4659	-268.1	-119.5	-127.6	-46.1	-341.5

	NODE	Vxx	Vyy
Max	Cent	0.6	0.0
	4630	1.1	0.1
	2987	1.1	0.0
	2989	0.3	0.0
	4659	0.3	0.1
Min	Cent	-2.5	-0.0
	4630	-4.8	-0.0
	2987	-4.8	-0.0
	2989	-0.2	-0.0
	4659	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3376	2	15	c mob-a	Max	Cent	114.2	51.6	36.9	131.3	34.5
24.81					5885	140.8	47.1	36.9	153.6	34.3
19.08					3137	140.8	62.0	36.9	155.4	47.5
21.54					3141	114.8	62.0	36.9	133.8	43.1
27.18					5920	114.8	47.1	36.9	131.0	30.9
23.70				Min	Cent	-15.7	-4.5	-196.5	186.5	-206.6
-45.81					5885	-15.1	-9.7	-196.5	184.1	-208.9
-45.40					3137	-15.1	-17.3	-196.5	180.3	-212.7
-44.84					3141	-17.6	-17.3	-196.5	179.0	-214.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.02
-45.58

5920 -17.6 -9.7 -196.5 182.9 -210.2

NODE Mxx Myy Mxy Mmax Mmin

Max Cent 21.7 7.3 4.6 23.1 6.0

16.13 5885 110.0 38.9 5.2 110.4 38.5

4.18 3137 5.2 9.6 5.2 13.0 1.8

56.63 3141 10.1 11.8 5.1 16.1 5.7

49.52 5920 86.9 30.8 5.5 87.5 30.2

5.52 Min Cent -1.0 -1.2 -10.2 9.1 -11.3

-44.71 5885 -7.0 -3.2 -8.9 4.1 -14.3

-51.08 3137 -60.5 -35.2 -9.0 -32.3 -63.3

-72.34 3141 -45.4 -20.3 -10.2 -16.7 -49.0

-70.38 5920 -8.5 -4.3 -10.4 4.2 -17.1

-50.69

NODE Vxx Vyy

Max Cent 0.2 0.0

5885 0.2 0.0

3137 0.2 0.0

3141 0.2 0.0

5920 0.2 0.0

Min Cent -0.0 -0.0

5885 -0.0 -0.0

3137 -0.0 -0.0

3141 -0.0 -0.0

5920 -0.0 -0.0

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

c mob-b Max Cent 71.7 36.0 32.4 90.8 16.9

30.57 5885 93.0 40.8 32.4 108.5 25.3

25.58 3137 93.0 47.9 32.4 109.9 31.0

27.58 3141 53.6 47.9 32.4 83.3 18.2

42.50 5920 53.6 40.8 32.4 80.2 14.2

39.44 Min Cent -18.5 -11.2 -214.8 200.0 -229.7

-45.49 5885 -16.6 -7.9 -214.8 202.6 -227.1

-45.58 3137 -16.6 -24.4 -214.8 194.3 -235.3

-44.47 3141 -23.3 -24.4 -214.8 190.9 -238.7

-44.92 5920 -23.3 -7.9 -214.8 199.3 -230.5

-46.02

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		Max	Cent	34.3	12.5	8.6	37.3	9.6
19.18			5885	145.0	48.2	11.8	146.4	46.7
6.85			3137	8.8	24.3	5.6	26.1	7.0
72.09			3141	18.4	13.0	7.1	23.4	8.1
34.67			5920	104.7	31.4	13.2	107.0	29.1
9.89		Min	Cent	-1.5	-1.3	-9.2	7.8	-10.6
-45.37			5885	-11.9	-5.1	-8.9	1.0	-18.0
-55.43			3137	-52.5	-24.3	-8.3	-22.0	-54.7
-74.75			3141	-46.7	-27.4	-9.2	-23.7	-50.4
-68.25			5920	-14.9	-4.5	-10.0	1.6	-20.9
-58.74								

		NODE	Vxx	Vyy
Max	Cent		0.2	0.0
	5885		0.3	0.0
	3137		0.3	0.1
	3141		0.2	0.1
	5920		0.2	0.0
Min	Cent		-0.0	-0.0
	5885		-0.0	-0.0
	3137		-0.0	-0.0
	3141		-0.0	-0.0
	5920		-0.0	-0.0

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		pp	Cent	-10.9	56.2	-316.5	340.9	-295.6
-48.03			5885	-15.0	51.0	-316.5	336.2	-300.3
-47.98			3137	-15.0	61.4	-316.5	342.0	-295.6
-48.44			3141	-6.8	61.4	-316.5	345.7	-291.0
-48.08			5920	-6.8	51.0	-316.5	339.9	-295.8
-47.61								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	1.9	4.8	-4.3	7.9	-1.2
-54.40		5885	-3.9	4.0	-5.3	6.6	-6.6
-63.33		3137	5.0	12.7	-3.9	14.4	3.4
-67.22		3141	8.8	0.5	-3.6	10.2	-0.9
-20.58		5920	-2.3	2.1	-5.0	5.4	-5.6
-57.00							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      -0.0      0.0
          5885      -0.0      0.0
          3137      -0.0      0.0
          3141      -0.0      0.0
          5920      -0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-45.53	vento -y	Cent	-0.1	-0.0	-2.4	2.3	-2.5
-44.42		5885	0.2	0.1	-2.4	2.6	-2.2
-42.53		3137	0.2	-0.2	-2.4	2.4	-2.4
-46.63		3141	-0.4	-0.2	-2.4	2.1	-2.7
-48.51		5920	-0.4	0.1	-2.4	2.3	-2.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-45.19	Cent	0.0	0.0	-0.2	0.2	-0.2
-48.78	5885	0.1	0.1	-0.2	0.3	-0.1
-25.75	3137	-0.2	-0.5	-0.2	-0.1	-0.6
-48.44	3141	0.6	0.6	-0.2	0.8	0.4
-58.95	5920	-0.4	-0.2	-0.2	-0.1	-0.5

```

-----
          NODE      Vxx      Vyy
          Cent      -0.0      -0.0
          5885       0.0       0.0
          3137       0.0      -0.0
          3141      -0.0      -0.0
          5920      -0.0       0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

55.06	cedime~1	Cent	-118.3	-47.6	96.5	19.8	-185.7
55.05		5885	-116.1	-45.5	96.5	22.0	-183.6
54.49		3137	-116.1	-49.8	96.5	19.1	-185.0
55.06		3141	-120.5	-49.8	96.5	17.7	-187.9
55.61		5920	-120.5	-45.5	96.5	20.6	-186.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

65.49	Cent	-8.1	-0.9	4.1	1.0	-10.0
	5885	-53.1	-16.5	4.3	-16.0	-53.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.45							
		3137	43.4	16.5	2.5	43.7	16.3
5.32							
		3141	41.2	15.0	4.1	41.8	14.4
8.75							
		5920	-63.9	-18.7	5.9	-18.0	-64.7
82.74							

NODE	Vxx	Vyy
Cent	-0.1	-0.0
5885	-0.1	-0.0
3137	-0.1	0.0
3141	-0.1	0.0
5920	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-0.1	14.9	-100.9	108.6	-93.8
-47.13		5885	0.7	15.3	-100.9	109.2	-93.2
-47.06		3137	0.7	14.5	-100.9	108.8	-93.6
-46.95		3141	-1.0	14.5	-100.9	108.0	-94.5
-47.19		5920	-1.0	15.3	-100.9	108.4	-94.1
-47.31							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	1.8	2.2	-1.7	3.7	0.2
-48.09	5885	1.9	1.4	-2.0	3.7	-0.4
-41.37	3137	0.2	2.4	-1.7	3.3	-0.6
-61.82	3141	5.5	3.2	-1.3	6.1	2.6
-24.21	5920	-0.5	1.6	-1.7	2.6	-1.4
-61.23						

NODE	Vxx	Vyy
Cent	-0.0	-0.0
5885	0.0	-0.0
3137	0.0	0.0
3141	-0.0	0.0
5920	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	154.1	84.5	45.3	378.4	57.4
-45.91		5885	190.9	78.8	45.3	381.5	59.0
-45.87		3137	190.9	98.2	45.3	370.9	75.5
-45.11		3141	154.1	98.2	45.3	365.6	67.8
-45.51		5920	154.1	78.8	45.3	376.3	52.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-46.27								
	Min	Cent	-143.4	-47.9	-390.9	81.7	-403.8	
45.35								
			5885	-137.7	-43.2	-390.9	103.8	-400.8
32.73								
			3137	-137.7	-68.2	-390.9	108.8	-411.0
36.92								
			3141	-152.8	-68.2	-390.9	86.9	-416.4
49.65								
			5920	-152.8	-43.2	-390.9	78.8	-406.4
44.92								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	48.1	19.1	14.0	51.1	16.1	
17.15								
			5885	197.6	66.4	18.2	199.1	64.9
5.98								
			3137	55.6	51.7	8.4	62.3	45.0
38.56								
			3141	71.6	35.8	12.4	75.5	31.9
17.41								
			5920	140.9	44.0	22.0	143.5	41.4
9.20								
	Min	Cent	-8.3	-0.5	-15.5	7.6	-16.4	
-54.56								
			5885	-67.2	-22.0	-14.1	-19.9	-69.2
-78.23								
			3137	-81.4	-45.1	-13.7	-40.5	-86.0
-71.44								
			3141	-57.5	-33.7	-15.1	-26.4	-64.9
-64.07								
			5920	-84.5	-23.1	-15.8	-21.5	-86.1
-81.04								

		NODE	Vxx	Vyy
	Max	Cent	0.3	0.0
		5885	0.4	0.0
		3137	0.4	0.1
		3141	0.3	0.1
		5920	0.3	0.0
	Min	Cent	-0.2	-0.0
		5885	-0.2	-0.0
		3137	-0.2	-0.0
		3141	-0.2	-0.0
		5920	-0.2	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	INV TO~2	Max	Cent	154.1	84.5	45.3	460.2	57.4
-48.03								
			5885	190.9	78.8	45.3	453.9	59.0
-47.98								
			3137	190.9	98.2	45.3	461.7	75.5
-48.44								
			3141	154.1	98.2	45.3	466.6	67.8
-48.08								
			5920	154.1	78.8	45.3	458.9	52.9
-47.61								
		Min	Cent	-143.4	-47.9	-427.3	81.7	-403.8
45.35								
			5885	-137.7	-43.2	-427.3	103.8	-405.4
32.73								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

36.92		3137	-137.7	-68.2	-427.3	108.8	-411.0
49.65		3141	-152.8	-68.2	-427.3	86.9	-416.4
44.92		5920	-152.8	-43.2	-427.3	78.8	-406.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Max	Cent	48.1	19.1	14.0	51.1	16.1
17.15			5885	197.6	66.4	18.2	199.1	64.9
5.98			3137	55.6	51.7	8.4	62.3	45.0
38.56			3141	71.6	35.8	12.4	75.5	31.9
17.41			5920	140.9	44.0	22.0	143.5	41.4
9.20		Min	Cent	-8.3	-0.5	-15.5	7.6	-16.4
-54.56			5885	-67.2	-22.0	-14.1	-19.9	-69.2
-78.23			3137	-81.4	-45.1	-13.7	-40.5	-86.0
-71.44			3141	-57.5	-33.7	-15.1	-26.4	-64.9
-64.07			5920	-84.5	-23.1	-15.8	-21.5	-86.1
-81.04								

		NODE	Vxx	Vyy
	Max	Cent	0.3	0.0
		5885	0.4	0.0
		3137	0.4	0.1
		3141	0.3	0.1
		5920	0.3	0.0
	Min	Cent	-0.2	-0.0
		5885	-0.2	-0.0
		3137	-0.2	-0.0
		3141	-0.2	-0.0
		5920	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3377	2	15	c mob-a	Max	Cent	153.6	45.9	55.6	177.2	22.3
22.97					5920	117.5	41.2	55.6	146.8	11.9
27.78					3141	117.5	53.1	55.6	149.5	21.0
29.97					3146	190.6	53.1	55.6	210.3	33.4
19.48					5956	190.6	41.2	55.6	209.1	22.7
18.33				Min	Cent	-15.4	-2.5	-92.8	84.1	-101.9
-46.99					5920	-21.0	-7.9	-92.8	78.5	-107.4
-47.01					3141	-21.0	-3.7	-92.8	80.8	-105.5
-47.65					3146	-11.1	-3.7	-92.8	85.4	-100.2
-46.14					5956	-11.1	-7.9	-92.8	83.3	-102.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.49

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	24.5	4.9	6.9	26.7	2.7
17.62		5920	88.0	31.3	4.1	88.3	31.0
4.12		3141	11.4	9.9	6.1	16.8	4.5
41.28		3146	6.2	4.4	7.3	12.6	-2.1
41.52		5956	153.6	38.9	5.7	153.9	38.6
2.82	Min	Cent	-0.5	-0.7	-10.1	9.5	-10.6
-44.74		5920	-8.8	-2.9	-9.0	3.7	-15.3
-54.05		3141	-44.9	-20.4	-10.2	-16.7	-48.6
-70.15		3146	-102.4	-37.8	-10.1	-36.2	-103.9
-81.32		5956	-7.8	-4.0	-8.9	3.2	-15.0
-51.06							

		NODE	Vxx	Vyy
Max	Cent		0.2	0.0
		5920	0.2	0.0
		3141	0.2	0.0
		3146	0.3	0.0
		5956	0.3	0.0
Min	Cent		-0.0	-0.0
		5920	-0.0	-0.0
		3141	-0.0	-0.0
		3146	-0.0	-0.0
		5956	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	55.8	23.6	40.2	83.0	-3.6
34.11			5920	54.0	22.2	40.2	81.3	-5.2
34.21			3141	54.0	36.0	40.2	86.2	3.8
38.69			3146	59.9	36.0	40.2	89.9	6.0
36.73			5956	59.9	22.2	40.2	85.4	-3.4
32.44		Min	Cent	-29.0	-6.1	-103.6	86.7	-121.8
-48.16			5920	-27.7	-8.2	-103.6	86.2	-122.0
-47.69			3141	-27.7	-6.8	-103.6	86.9	-121.4
-47.88			3146	-31.9	-6.8	-103.6	85.0	-123.7
-48.45			5956	-31.9	-8.2	-103.6	84.3	-124.3
-48.26								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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19.80          Max   Cent      26.7      6.9      8.2      29.6      4.0
8.13          5920    105.9     35.7     10.3     107.4     34.2
31.97         3141    20.5      14.1      6.6      24.6      9.9
36.04         3146    18.7      14.4      6.7      23.6      9.5
11.91         5956    60.8      13.5     10.4     63.0     11.3
-44.17        Min   Cent      -0.4     -1.0    -10.2      9.5    -10.9
-56.71        5920    -15.7     -5.7    -11.5      1.9    -23.2
-72.16        3141    -46.5    -22.1     -8.8    -19.3    -49.4
-60.15        3146    -27.0    -16.5     -9.0    -11.4    -32.1
-55.87        5956    -14.1     -4.8    -11.7      3.2    -22.1
    
```

```

-----
          NODE      Vxx      Vyy
-----
Max   Cent      0.1      0.0
      5920      0.2      0.0
      3141      0.2      0.0
      3146      0.1      0.0
      5956      0.1      0.0
Min   Cent     -0.0     -0.0
      5920     -0.0     -0.0
      3141     -0.0     -0.0
      3146     -0.0     -0.0
      5956     -0.0     -0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
          pp      Cent     -10.8     25.1    -166.0     174.1    -159.8
-48.08          5920     -16.1     21.3    -166.0     169.6    -164.5
-48.22          3141     -16.1     28.9    -166.0     173.9    -161.2
-48.86          3146      -5.4     28.9    -166.0     178.6    -155.2
-47.95          5956      -5.4     21.3    -166.0     174.5    -158.6
-47.30
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent      4.8      1.5     -3.2      6.8     -0.5
-31.22          5920     -2.5      1.5     -4.5      4.4     -5.4
-57.10          3141     12.1     11.4     -3.6     15.4      8.1
-42.19          3146     -1.7     -6.6     -2.8     -0.5     -7.8
-24.55          5956     11.5     -0.4     -3.7     12.5     -1.5
-15.82
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent     -0.0      0.0
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

5920      -0.0      0.0
3141      -0.0      0.0
3146       0.0      0.0
5956       0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-45.39	vento -y	Cent	-0.3	-0.3	-0.8	0.5	-1.1
-56.61		5920	-0.5	0.1	-0.8	0.7	-1.0
-42.04		3141	-0.5	-0.7	-0.8	0.2	-1.4
-34.05		3146	-0.1	-0.7	-0.8	0.5	-1.2
-48.72		5956	-0.1	0.1	-0.8	0.8	-0.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-63.24	Cent	0.0	0.0	-0.0	0.1	0.0
-80.27	5920	-0.4	-0.0	-0.1	-0.0	-0.4
-40.79	3141	0.5	0.5	-0.1	0.6	0.5
-16.56	3146	-0.1	-0.2	-0.0	-0.1	-0.3
-18.10	5956	0.0	-0.0	-0.0	0.0	-0.0

```

NODE      Vxx      Vyy
Cent      -0.0      0.0
5920      -0.0      0.0
3141      -0.0      0.0
3146       0.0      0.0
5956       0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
61.19	cedime~1	Cent	-109.7	-37.7	56.7	-6.5	-140.9
62.91		5920	-117.5	-35.6	56.7	-6.6	-146.5
62.18		3141	-117.5	-39.9	56.7	-9.9	-147.4
59.33		3146	-101.9	-39.9	56.7	-6.2	-135.6
60.16		5956	-101.9	-35.6	56.7	-3.0	-134.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.74	Cent	-10.5	-1.6	8.6	3.6	-15.7
79.18	5920	-66.2	-26.2	7.9	-24.7	-67.7
	3141	43.2	21.8	8.4	46.1	18.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

19.01							
		3146	42.5	6.3	8.0	44.1	4.6
11.87							
		5956	-61.5	-8.1	7.5	-7.1	-62.5
82.14							

NODE	Vxx	Vyy
Cent	-0.1	-0.0
5920	-0.1	-0.0
3141	-0.1	0.0
3146	-0.1	0.0
5956	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-0.5	5.5	-49.4	52.0	-47.0
-46.74		5920	-3.8	4.6	-49.4	50.0	-49.2
-47.42		3141	-3.8	6.4	-49.4	51.0	-48.4
-47.94		3146	2.8	6.4	-49.4	54.0	-44.9
-46.05		5956	2.8	4.6	-49.4	53.1	-45.8
-45.53							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2.5	1.0	-0.3	2.5	1.0
-9.49	5920	-1.0	0.1	-0.9	0.6	-1.4
-61.21	3141	6.5	6.3	-0.6	7.0	5.7
-40.46	3146	-0.4	-3.0	-0.1	-0.4	-3.0
-3.11	5956	4.8	0.6	-0.4	4.8	0.5
-4.83						

NODE	Vxx	Vyy
Cent	-0.0	0.0
5920	-0.0	0.0
3141	-0.0	0.0
3146	0.0	0.0
5956	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	206.8	67.5	82.4	211.4	62.9
10.12		5920	154.8	60.1	82.4	166.3	53.6
-47.62		3141	154.8	78.0	82.4	168.3	70.2
-47.89		3146	260.1	78.0	82.4	263.6	74.5
7.88		5956	260.1	60.1	82.4	263.3	56.9
7.20	Min	Cent	-149.4	-40.4	-189.3	48.4	-238.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-56.18							
		5920	-158.6	-42.0	-189.3	44.5	-245.1
-56.87		3141	-158.6	-42.7	-189.3	44.0	-245.3
-56.81		3146	-142.2	-42.7	-189.3	49.2	-234.0
-55.29		5956	-142.2	-42.0	-189.3	49.6	-233.8
-55.35							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	38.5	10.4	19.3	42.1	6.7
18.72			5920	142.1	48.3	20.9	143.8	46.5
7.74			3141	77.4	47.0	16.7	84.7	39.6
23.83			3146	67.3	22.7	17.7	73.5	16.5
19.21			5956	212.1	53.1	21.2	213.3	51.9
4.90		Min	Cent	-8.7	-2.0	-14.0	1.1	-13.3
-60.89			5920	-88.3	-33.8	-16.4	-32.5	-89.6
-81.34			3141	-56.4	-23.6	-14.4	-18.2	-61.8
-69.35			3146	-138.6	-54.0	-13.8	-51.8	-140.8
-80.99			5956	-75.7	-14.0	-16.2	-12.8	-76.9
-82.13								

		NODE	Vxx	Vyy
	Max	Cent	0.3	0.0
		5920	0.3	0.0
		3141	0.3	0.1
		3146	0.5	0.1
		5956	0.5	0.0
	Min	Cent	-0.2	-0.0
		5920	-0.2	-0.0
		3141	-0.2	-0.0
		3146	-0.2	-0.0
		5956	-0.2	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	206.8	67.5	82.4	235.1	62.9
-48.08				5920	154.8	60.1	82.4	229.0	53.6
-48.22				3141	154.8	78.0	82.4	234.8	70.2
-48.86				3146	260.1	78.0	82.4	263.6	74.5
7.88				5956	260.1	60.1	82.4	263.3	56.9
7.20		Min	Cent	-149.4	-40.4	-224.1	48.4	-238.2	
-56.18				5920	-158.6	-42.0	-224.1	44.5	-245.1
-56.87				3141	-158.6	-42.7	-224.1	44.0	-245.3
-56.81									

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-55.29		3146	-142.2	-42.7	-224.1	49.2	-234.0
-55.35		5956	-142.2	-42.0	-224.1	49.6	-233.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	38.5	10.4	19.3	42.1	6.7
18.72		5920	142.1	48.3	20.9	143.8	46.5
7.74		3141	77.4	47.0	16.7	84.7	39.6
23.83		3146	67.3	22.7	17.7	73.5	16.5
19.21		5956	212.1	53.1	21.2	213.3	51.9
4.90	Min	Cent	-8.7	-2.0	-14.0	1.1	-13.3
-60.89		5920	-88.3	-33.8	-16.4	-32.5	-89.6
-81.34		3141	-56.4	-23.6	-14.4	-18.2	-61.8
-69.35		3146	-138.6	-54.0	-13.8	-51.8	-140.8
-80.99		5956	-75.7	-14.0	-16.2	-12.8	-76.9
-82.13							

		NODE	Vxx	Vyy
	Max	Cent	0.3	0.0
		5920	0.3	0.0
		3141	0.3	0.1
		3146	0.5	0.1
		5956	0.5	0.0
	Min	Cent	-0.2	-0.0
		5920	-0.2	-0.0
		3141	-0.2	-0.0
		3146	-0.2	-0.0
		5956	-0.2	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
3403	1	2	c mob-a	Max	Cent	1350.9	39.8	33.2	1351.7
1.45					3231	1084.5	41.8	33.2	1085.5
1.82					3233	1084.5	190.6	33.2	1085.7
2.12					5932	1619.1	190.6	33.2	1619.9
1.33					5897	1619.1	41.8	33.2	1619.8
1.21				Min	Cent	-57.3	-329.0	-1483.9	1296.9
-42.38					3231	-32.7	-471.5	-1483.9	1247.9
-40.80					3233	-32.7	-318.8	-1483.9	1315.0
-42.25					5932	-96.6	-318.8	-1483.9	1280.3
-42.86					5897	-96.6	-471.5	-1483.9	1211.6
-41.40									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.44	Max	Cent	13156.3	108019.0	22233.2	112971.3	8204.0
41.35		3231	11975.2	7702.7	16666.4	26641.7	-6963.8
63.71		3233	42198.9	71186.1	18944.2	80545.1	32839.9
80.37		5932	16956.5	145301.5	22434.9	149110.2	13147.8
83.67		5897	41076.7	222954.0	20415.9	225217.6	38813.1
-29.29	Min	Cent	-5896.1	-12187.5	-5147.7	-3009.0	-15074.6
-87.20		3231	-58999.4	-6456.5	-2573.2	-6330.8	-59125.1
-25.78		3233	-8469.3	-12453.6	-2510.7	-7256.4	-13666.5
-21.13		5932	-4704.7	-23074.7	-8348.5	-1477.5	-26301.9
-31.85		5897	-9295.7	-19645.9	-10468.5	-2792.9	-26148.6

		NODE	Vxx	Vyy
Max	Cent		10.9	17.6
		3231	17.8	26.0
		3233	17.8	19.9
		5932	24.2	19.9
		5897	24.2	26.0
Min	Cent		-42.3	-222.2
		3231	-94.8	-324.2
		3233	-94.8	-128.3
		5932	-16.6	-128.3
		5897	-16.6	-324.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1.08	c mob-b	Max	Cent	1316.5	40.5	24.1	1316.9	40.0
1.36			3231	1059.0	40.9	24.1	1059.6	40.3
1.58			3233	1059.0	182.9	24.1	1059.6	182.3
0.99			5932	1574.5	182.9	24.1	1574.9	182.5
0.90			5897	1574.5	40.9	24.1	1574.9	40.5
-43.29		Min	Cent	-18.5	-189.4	-1425.6	1324.2	-1532.1
-41.43			3231	-11.5	-368.2	-1425.6	1246.9	-1626.5
-43.70			3233	-11.5	-140.6	-1425.6	1351.0	-1503.1
-43.89			5932	-30.6	-140.6	-1425.6	1341.1	-1512.2
-41.62			5897	-30.6	-368.2	-1425.6	1236.2	-1634.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	9953.4	77278.8	9159.2	78502.6	8729.6

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

82.39			3231	14058.2	6906.3	9187.7	20341.4	623.2
34.37			3233	22000.4	41523.1	10924.9	46412.2	17111.2
65.89			5932	13855.2	86638.4	7082.2	87321.2	13172.5
84.49			5897	31091.9	181521.0	7246.8	181869.3	30743.6
87.25		Min	Cent	-5995.6	-16775.7	-6386.3	-3028.8	-19742.5
-24.92			3231	-34194.6	-6592.9	-3157.3	-6236.3	-34551.2
-83.56			3233	-11262.2	-16401.7	-3248.5	-9689.9	-17974.0
-25.83			5932	-5839.6	-31964.1	-10540.4	-2117.3	-35686.4
-19.45			5897	-10288.4	-24942.0	-12388.4	-3222.3	-32008.0
-29.70								

	NODE	Vxx	Vyy
Max	Cent	11.8	25.8
	3231	22.6	33.7
	3233	22.6	28.0
	5932	10.2	28.0
	5897	10.2	33.7
Min	Cent	-29.9	-168.6
	3231	-52.5	-265.1
	3233	-52.5	-75.9
	5932	-18.3	-75.9
	5897	-18.3	-265.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	3807.4	-37.1	-4059.0	6376.4	-2606.0
-32.33		3231	3068.4	-546.3	-4059.0	5704.3	-3182.2
-33.00		3233	3068.4	472.2	-4059.0	6031.9	-2491.2
-36.13		5932	4546.4	472.2	-4059.0	7050.8	-2032.2
-31.67		5897	4546.4	-546.3	-4059.0	6791.7	-2791.6
-28.95							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	44.2	66523.6	16784.1	70520.8	-3952.9
76.60	3231	-25070.3	-179.1	20605.7	11447.9	-36697.2
60.57	3233	5864.0	24181.7	19102.5	36207.5	-6161.9
57.81	5932	3552.4	77420.2	9430.0	78605.1	2367.5
82.84	5897	15830.8	164671.6	10933.2	165470.5	15032.0
85.82						

	NODE	Vxx	Vyy
	Cent	-17.4	-167.7
	3231	-29.0	-249.8
	3233	-29.0	-85.6

PROJECT TITLE :

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5932 -5.7 -85.6
5897 -5.7 -249.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
58.96	vento -y	Cent	-29.3	2.2	29.7	20.1	-47.2
62.00		3231	-29.1	11.1	29.7	26.9	-44.9
55.29		3233	-29.1	-6.7	29.7	13.9	-49.7
55.53		5932	-29.6	-6.7	29.7	13.7	-50.0
62.18		5897	-29.6	11.1	29.7	26.7	-45.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-16.74	Cent	327.9	-1365.8	-560.1	496.3	-1534.3
-17.66	3231	803.4	-663.0	-519.6	968.8	-828.4
-25.03	3233	287.9	-755.6	-622.9	578.7	-1046.4
-13.23	5932	500.6	-1628.6	-529.7	625.1	-1753.1
-10.88	5897	-280.3	-2416.1	-426.4	-198.4	-2498.1

NODE	Vxx	Vyy
Cent	-0.1	2.0
3231	0.6	2.4
3233	0.6	1.5
5932	-0.7	1.5
5897	-0.7	2.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.66	cedime~1	Cent	73.2	-107.2	5.2	73.3	-107.3
1.57		3231	54.7	-136.0	5.2	54.9	-136.2
2.24		3233	54.7	-78.3	5.2	55.0	-78.5
1.76		5932	91.6	-78.3	5.2	91.8	-78.5
1.31		5897	91.6	-136.0	5.2	91.8	-136.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.46	Cent	4370.2	47015.9	4178.3	47421.4	3964.6
84.51	3231	-27122.6	-1767.6	2458.5	-1531.4	-27358.8
71.32	3233	19766.6	31171.0	4354.2	32643.4	18294.2
	5932	11030.8	61535.7	2688.6	61678.4	10888.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.96
89.45

NODE	Vxx	Vyy
Cent	-24.8	-97.9
3231	-44.8	-144.6
3233	-44.8	-51.2
5932	-4.8	-51.2
5897	-4.8	-144.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-32.04	perm	Cent	1031.7	-24.2	-1086.5	1711.8	-704.2
-32.66		3231	836.7	-161.8	-1086.5	1533.2	-858.2
-35.79		3233	836.7	113.4	-1086.5	1620.2	-670.0
-31.44		5932	1226.7	113.4	-1086.5	1890.8	-550.8
-28.71		5897	1226.7	-161.8	-1086.5	1821.8	-756.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.60	Cent	-1066.6	22205.2	5377.1	23387.5	-2249.0
65.49	3231	-11482.9	-616.0	6254.5	2235.6	-14334.5
58.85	3233	1958.7	8592.5	6316.8	12410.3	-1859.1
83.00	5932	527.6	25872.8	3160.8	26261.0	139.4
86.48	5897	4730.1	54971.5	3098.5	55161.8	4539.7

NODE	Vxx	Vyy
Cent	-7.3	-55.7
3231	-12.9	-83.5
3233	-12.9	-28.0
5932	-1.8	-28.0
5897	-1.8	-83.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-38.52	INV TO~1 Max	Cent	2928.6	30.5	-1036.5	3413.5	-312.1
-37.78		3231	2355.5	-105.4	-1036.5	3187.6	-493.7
-39.91		3233	2355.5	370.7	-1036.5	3377.0	-84.2
-16.42		5932	3504.1	370.7	-1036.5	3809.5	48.2
-14.48		5897	3504.1	-105.4	-1036.5	3771.7	-390.7
-18.20	Min	Cent	954.3	-575.5	-3089.7	3198.0	-2960.9
		3231	792.5	-934.3	-3089.7	2689.1	-3254.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.44			3233	792.5	-395.2	-3089.7	2755.8	-2920.4
-23.59			5932	1096.3	-395.2	-3089.7	3559.2	-2788.1
-38.56			5897	1096.3	-934.3	-3089.7	3380.7	-3135.1
-36.48								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	21064.6	215046.7	39570.2	222808.0	13303.2
78.90			3231	7495.7	9782.6	31212.7	37416.1	-20137.7
46.14			3233	78693.9	135864.7	36245.7	153440.7	61117.9
64.13			5932	34449.6	283565.6	36136.5	288701.6	29313.6
81.91			5897	73989.4	453083.7	31452.8	455675.5	71397.6
85.29		Min	Cent	-9160.7	-441.9	-3244.3	632.8	-10235.4
-71.67			3231	-118254.6	-11283.9	1992.2	-11099.0	-118439.5
87.62			3233	-13245.3	-13549.8	1931.3	-11460.2	-15334.9
42.75			5932	-7355.8	-17278.7	-11068.7	-187.4	-24447.1
-32.93			5897	-9159.2	21299.8	-13625.8	26505.5	-14365.0
-69.09								

			NODE	Vxx	Vyy
	Max	Cent		8.5	-20.8
		3231		17.7	-38.0
		3233		17.7	9.8
		5932		30.9	9.8
		5897		30.9	-38.0
	Min	Cent		-89.3	-453.7
		3231		-185.6	-665.8
		3233		-185.6	-252.4
		5932		-31.4	-252.4
		5897		-31.4	-665.8

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	5140.0	30.5	-1036.5	8608.1	-312.1
-32.33				3231	4142.4	-105.4	-1036.5	7700.8	-493.7
-33.00				3233	4142.4	637.4	-1036.5	8143.0	-84.2
-36.13				5932	6137.6	637.4	-1036.5	9518.6	48.2
-31.67				5897	6137.6	-105.4	-1036.5	9168.7	-390.7
-28.95			Min	Cent	954.3	-575.5	-5479.7	3198.0	-3518.1
-18.20				3231	792.5	-934.3	-5479.7	2689.1	-4295.9
-20.44				3233	792.5	-395.2	-5479.7	2755.8	-3363.2
-23.59				5932	1096.3	-395.2	-5479.7	3559.2	-2788.1
-38.56									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.17	Max	Cent	29591.3	100076.6	14003.2	102756.7	26911.2
			3233	30625.5	68149.3	14789.6	73277.6
70.88			3235	30844.0	74371.5	11427.7	77189.3
76.15			5968	23223.6	121791.9	11770.4	123177.9
83.28			5932	48263.7	152499.2	14030.8	154354.8
82.47							
-19.78	Min	Cent	-7344.2	-20419.4	-5400.1	-5402.4	-22361.3
			3233	-4936.8	-11594.5	-2211.2	-4269.3
-16.80			3235	-11622.1	-17897.1	-2218.3	-10917.1
-17.63			5968	-14396.4	-35923.8	-10082.3	-10411.9
-21.56			5932	-7872.4	-24137.3	-7978.1	-4612.5
-22.23							

		NODE	Vxx	Vyy
	Max	Cent	15.4	21.7
		3233	22.1	19.9
		3235	22.1	28.4
		5968	31.4	28.4
		5932	31.4	19.9
	Min	Cent	-0.8	-97.9
		3233	-13.5	-128.3
		3235	-13.5	-78.7
		5968	-7.7	-78.7
		5932	-7.7	-128.3

		LC	NODE	Fxx	Fyy	Fxy	Fmax
ANGLE							Fmin

2.22	c mob-b	Max	Cent	877.8	65.1	31.5	879.0
			3233	720.9	98.0	31.5	722.4
2.89			3235	720.9	37.1	31.5	722.3
2.63			5968	1035.4	37.1	31.5	1036.4
1.81			5932	1035.4	98.0	31.5	1036.4
1.92							
-44.05		Min	Cent	-23.6	-135.7	-1696.4	1617.7
			3233	-15.9	-140.9	-1696.4	1619.2
-43.95			3235	-15.9	-140.0	-1696.4	1619.6
-43.95			5968	-47.5	-140.0	-1696.4	1603.3
-44.22			5932	-47.5	-140.9	-1696.4	1602.8
-44.21							

			NODE	Mxx	Myy	Mxy	Mmax
ANGLE							Mmin

77.83		Max	Cent	14583.1	48665.5	7710.8	50328.8
			3233	21567.3	41320.6	9135.0	44897.4
							12919.8
							17990.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

68.62							
		3235	7593.4	28793.2	9448.6	32393.1	3993.5
69.14							
		5968	12332.6	43335.7	5650.2	44333.3	11335.0
79.99							
		5932	26313.5	89468.3	4972.1	89857.3	25924.5
85.53							
	Min	Cent	-9339.2	-27052.4	-5868.0	-7571.7	-28820.0
-16.76							
		3233	-5686.0	-15308.1	-2802.6	-4929.3	-16064.9
-15.11							
		3235	-14019.5	-22347.7	-2475.6	-13339.1	-23028.0
-15.37							
		5968	-16861.1	-44494.2	-8868.0	-14260.1	-47095.3
-16.35							
		5932	-10629.9	-33445.2	-8360.7	-7894.2	-36180.9
-18.12							

	NODE	Vxx	Vyy
Max	Cent	13.2	28.7
	3233	19.5	28.0
	3235	19.5	35.2
	5968	17.8	35.2
	5932	17.8	28.0
Min	Cent	-0.8	-45.9
	3233	-2.9	-75.9
	3235	-2.9	-22.6
	5968	-9.1	-22.6
	5932	-9.1	-75.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	2511.2	128.4	-4869.0	6332.5	-3692.9
		3233	2057.5	212.9	-4869.0	6090.9	-3820.4
		3235	2057.5	43.8	-4869.0	6022.7	-3921.4
		5968	2964.9	43.8	-4869.0	6587.7	-3579.0
		5932	2964.9	212.9	-4869.0	6648.6	-3470.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2278.2	26910.5	21174.2	39089.9	-9901.2
	3233	5093.9	24027.7	24916.3	41214.9	-12093.3
	3235	-8056.9	4839.9	26549.2	25712.5	-28929.5
	5968	-27286.8	-5808.0	13964.0	1068.8	-34163.6
	5932	39362.7	84582.3	12331.1	87726.3	36218.7

	NODE	Vxx	Vyy
	Cent	29.8	-37.4
	3233	9.6	-85.6
	3235	9.6	10.8
	5968	50.0	10.8
	5932	50.0	-85.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.49	vento -y	Cent	-17.8	-3.8	30.3	20.2	-41.9
51.49		3233	-18.4	-4.4	30.3	19.7	-42.5
52.00		3235	-18.4	-3.3	30.3	20.4	-42.0
51.49		5968	-17.2	-3.3	30.3	20.8	-41.3
50.98		5932	-17.2	-4.4	30.3	20.1	-41.8
			NODE	Mxx	Myy	Mxy	Mmax
-29.93		Cent	140.1	-882.0	-879.8	646.5	-1388.5
-28.11		3233	446.0	-724.0	-874.2	912.9	-1190.8
-37.91		3235	114.4	-375.7	-969.4	869.3	-1130.5
-24.32		5968	831.3	-533.4	-775.3	1181.8	-883.9
-25.99		5932	-831.5	-1895.0	-680.1	-500.0	-2226.6
		NODE	Vxx	Vyy			
		Cent	-0.5	1.0			
		3233	0.4	1.5			
		3235	0.4	0.5			
		5968	-1.4	0.5			
		5932	-1.4	1.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-7.18	cedime~1	Cent	62.1	-57.5	-15.3	64.0	-59.5
-7.09		3233	40.7	-80.5	-15.3	42.6	-82.4
-11.07		3235	40.7	-34.6	-15.3	43.7	-37.6
-7.28		5968	83.4	-34.6	-15.3	85.4	-36.5
-5.29		5932	83.4	-80.5	-15.3	84.8	-81.9
			NODE	Mxx	Myy	Mxy	Mmax
-87.53		Cent	14442.6	42956.2	-1231.0	43009.3	14389.5
87.73		3233	15564.0	30330.5	585.1	30353.7	15540.9
-85.57		3235	11445.5	30291.1	-1469.9	30405.1	11331.6
-84.81		5968	13524.0	48426.4	-3193.8	48716.2	13234.1
		5932	17236.8	62776.9	-1138.8	62805.4	17208.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.57

NODE	Vxx	Vyy
Cent	2.5	-39.7
3233	4.2	-51.2
3235	4.2	-28.3
5968	0.9	-28.3
5932	0.9	-51.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-37.94	perm	Cent	679.5	21.0	-1308.6	1699.7	-999.2
-39.38		3233	562.7	43.0	-1308.6	1637.0	-1031.4
-38.92		3235	562.7	-1.0	-1308.6	1619.5	-1057.9
-36.53		5968	796.3	-1.0	-1308.6	1765.7	-970.4
-36.97		5932	796.3	43.0	-1308.6	1781.4	-942.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.37	Cent	768.4	9976.3	6640.8	13453.0	-2708.3
57.07	3233	1447.7	8490.3	7853.6	13575.9	-3637.9
53.86	3235	-2052.9	3162.7	8164.8	9126.1	-8016.3
67.38	5968	-8508.0	47.7	4314.0	1845.3	-10305.5
76.72	5932	12186.6	28204.6	4002.8	29149.1	11242.1

NODE	Vxx	Vyy
Cent	9.0	-12.5
3233	2.5	-28.0
3235	2.5	2.9
5968	15.5	2.9
5932	15.5	-28.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-40.72	INV TO~1 Max	Cent	1956.1	115.5	-1240.2	3824.3	-521.3
-41.09		3233	1597.7	179.8	-1240.2	3767.7	-550.2
-41.06		3235	1597.7	59.0	-1240.2	3764.5	-640.9
-40.39		5968	2317.6	59.0	-1240.2	3865.6	-503.0
-40.42		5932	2317.6	179.8	-1240.2	3868.7	-403.4
-27.18	Min	Cent	579.3	-470.4	-3697.2	2530.8	-3653.3
-30.48		3233	503.0	-472.3	-3697.2	2286.9	-3696.3
		3235	503.0	-479.7	-3697.2	2256.8	-3700.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-29.44			5968	636.4	-479.7	-3697.2	2796.1	-3625.8
-24.38			5932	636.4	-472.3	-3697.2	2817.4	-3621.2
-25.18								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	55159.2	188035.9	25545.1	192345.2	50849.9
79.95			3233	58356.1	130822.3	28404.7	140629.1	48549.4
70.95			3235	51031.9	133855.3	23592.2	139393.8	45493.4
75.94			5968	36367.9	212893.1	20204.0	214517.3	34743.7
84.55			5932	94579.5	296855.5	22944.3	299179.4	92255.5
83.92		Min	Cent	-11839.6	-26544.5	-2512.0	-11728.8	-26655.2
-4.94			3233	-6228.5	-12175.7	4070.1	-4161.4	-14242.7
26.92			3235	-20979.2	-27006.7	3352.8	-18306.0	-29679.9
29.00			5968	-31270.5	-60019.4	-12490.9	-28525.9	-62764.0
-16.45			5932	-2163.8	-16946.4	-8423.0	822.3	-19932.5
-22.29								

			NODE	Vxx	Vyy
	Max	Cent	3233	32.3	26.2
			3233	36.5	9.8
			3235	36.5	50.4
			5968	58.8	50.4
			5932	58.8	9.8
	Min	Cent	3233	7.9	-184.5
			3233	-15.7	-252.4
			3235	-15.7	-131.6
			5968	3.2	-131.6
			5932	3.2	-252.4

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	3390.1	173.3	-1240.2	8548.8	-521.3
-38.13				3233	2777.7	287.5	-1240.2	8222.7	-550.2
-39.64				3235	2777.7	59.2	-1240.2	8130.7	-640.9
-39.16				5968	4002.6	59.2	-1240.2	8893.4	-503.0
-36.65				5932	4002.6	287.5	-1240.2	8975.6	-403.4
-37.11		Min	Cent	579.3	-470.4	-6573.2	2530.8	-4985.4	
-27.18				3233	503.0	-472.3	-6573.2	2286.9	-5157.5
-30.48				3235	503.0	-479.7	-6573.2	2256.8	-5293.8
-29.44				5968	636.4	-479.7	-6573.2	2796.1	-4831.7
-24.38				5932	636.4	-472.3	-6573.2	2817.4	-4685.6
-25.18									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	55159.2	188035.9	28585.1	192345.2	50849.9
79.95		3233	58356.1	130822.3	33637.0	140629.1	48549.4
70.95		3235	51031.9	133855.3	35841.4	139393.8	45493.4
75.94		5968	36367.9	212893.1	20204.0	214517.3	34743.7
84.55		5932	94579.5	296855.5	22944.3	299179.4	92255.5
83.92	Min	Cent	-11839.6	-26544.5	-2512.0	-11728.8	-26655.2
-4.94		3233	-6228.5	-12175.7	4070.1	-4161.4	-16326.0
26.92		3235	-20979.2	-27006.7	3352.8	-18306.0	-39054.9
29.00		5968	-36837.2	-60019.4	-12490.9	-28525.9	-62764.0
-16.45		5932	-2163.8	-16946.4	-8423.0	822.3	-19932.5
-22.29							

		NODE	Vxx	Vyy
Max	Cent		40.2	26.2
	3233		36.5	9.8
	3235		36.5	50.4
	5968		67.5	50.4
	5932		67.5	9.8
Min	Cent		7.9	-184.5
	3233		-15.7	-252.4
	3235		-15.7	-131.6
	5968		3.2	-131.6
	5932		3.2	-252.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3433	1	2	c mob-a	Max	Cent	1281.9	55.4	1170.6	1990.1	-652.8
					3234	1000.4	153.2	1170.6	1821.7	-668.1
					3232	1000.4	47.2	1170.6	1787.7	-740.0
					5906	1564.8	47.2	1170.6	2201.0	-589.0
					5941	1564.8	153.2	1170.6	2225.8	-507.9
				Min	Cent	-49.1	-270.9	-40.4	-42.0	-278.1
					3234	-30.3	-293.5	-40.4	-24.2	-299.6
					3232	-30.3	-353.1	-40.4	-25.3	-358.1
					5906	-85.8	-353.1	-40.4	-79.8	-359.1
					5941	-85.8	-293.5	-40.4	-78.2	-301.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		Max	Cent	8977.5	64239.3	7703.3	65293.1	7923.8
82.21								
			3234	25826.4	40757.0	5735.5	42705.9	23877.5
71.23			3232	16495.3	6785.8	3923.0	17882.3	5398.8
19.47			5906	22169.3	131649.4	10642.4	132674.3	21144.4
84.50			5941	20846.4	91523.9	11438.1	93328.9	19041.4
81.03								
		Min	Cent	-6613.6	-16059.9	-11402.5	1005.3	-23678.7
-33.75			3234	-9050.4	-16297.6	-8455.6	-3474.6	-21873.4
-33.40			3232	-40607.7	-11396.0	-7428.7	-9615.4	-42388.3
-76.52			5906	-21042.6	-25786.2	-12569.3	-10623.2	-36205.5
-39.66			5941	-4532.1	-29983.7	-13575.3	1349.5	-35865.2
-23.42								

		NODE	Vxx	Vyy
	Max	Cent	42.0	24.9
		3234	62.9	26.3
		3232	62.9	35.1
		5906	39.2	35.1
		5941	39.2	26.3
	Min	Cent	-10.0	-142.5
		3234	-23.3	-86.4
		3232	-23.3	-201.6
		5906	-14.6	-201.6
		5941	-14.6	-86.4

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
		c mob-b	Max	Cent	1227.6	48.6	1141.6	1922.9	-646.7
31.34				3234	956.4	149.3	1141.6	1763.7	-658.0
35.27				3232	956.4	40.2	1141.6	1728.4	-731.8
34.07				5906	1500.5	40.2	1141.6	2125.5	-584.8
28.70				5941	1500.5	149.3	1141.6	2151.4	-501.6
29.69			Min	Cent	-32.7	-173.2	-27.3	-27.6	-178.3
-10.63				3234	-21.9	-210.1	-27.3	-18.0	-214.0
-8.10				3232	-21.9	-233.1	-27.3	-18.4	-236.6
-7.25				5906	-59.1	-233.1	-27.3	-54.9	-237.3
-8.72				5941	-59.1	-210.1	-27.3	-54.3	-214.9
-9.95									

			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE									
			Max	Cent	6480.9	37270.2	5736.1	38304.1	5447.0
79.78				3234	13835.5	20439.5	4746.7	22919.8	11355.2
62.41				3232	13725.2	4328.7	3017.0	14610.5	3443.4

PROJECT TITLE :

	Company		Client	
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16.35							
		5906	13637.5	82474.2	6586.3	83098.7	13013.0
84.58							
		5941	15639.3	51584.6	8007.6	53287.8	13936.1
77.99							
	Min	Cent	-5497.8	-10934.3	-4514.0	-2946.8	-13485.3
-29.47							
		3234	-5888.7	-11120.2	-3873.8	-3830.2	-13178.7
-27.99							
		3232	-22593.8	-9557.2	-3663.3	-8598.3	-23552.6
-75.33							
		5906	-18427.8	-19586.5	-5362.8	-13613.2	-24401.1
-41.92							
		5941	-2716.7	-20076.6	-5253.9	-1250.5	-21542.9
-15.59							

		NODE	Vxx	Vyy
Max	Cent		28.7	16.4
		3234	34.2	17.4
		3232	34.2	26.3
		5906	35.2	26.3
		5941	35.2	17.4
Min	Cent		-8.1	-91.6
		3234	-17.7	-52.5
		3232	-17.7	-131.9
		5906	-6.6	-131.9
		5941	-6.6	-52.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	3422.8	9.4	3192.4	5336.1	-1903.9
30.94							
		3234	2656.2	369.2	3192.4	4903.7	-1878.3
35.15							
		3232	2656.2	-350.4	3192.4	4681.5	-2375.7
32.39							
		5906	4189.4	-350.4	3192.4	5836.6	-1997.6
27.29							
		5941	4189.4	369.2	3192.4	5999.5	-1440.9
29.55							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-1526.8	45054.2	6676.4	45992.3	-2464.8
82.00							
		3234	16359.2	13318.8	6377.2	21394.9	8283.1
38.30							
		3232	-30575.1	-14472.0	2138.0	-14193.0	-30854.2
82.56							
		5906	-30932.7	109152.7	6860.3	109487.9	-31267.9
87.20							
		5941	39041.3	72217.5	11099.5	75588.5	35670.4
73.11							

		NODE	Vxx	Vyy
		Cent	66.0	-141.9
		3234	46.0	-86.7
		3232	46.0	-197.2
		5906	86.0	-197.2
		5941	86.0	-86.7

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

30.76	vento -y	Cent	18.9	-3.4	20.5	31.0	-15.6
34.05		3234	21.1	4.7	20.5	35.0	-9.2
25.77		3232	21.1	-11.4	20.5	31.0	-21.3
27.83		5906	16.6	-11.4	20.5	27.4	-22.2
36.89		5941	16.6	4.7	20.5	32.0	-10.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-68.62		Cent	-579.9	1182.4	-814.8	1501.4	-898.9
-61.15		3234	-29.7	1147.6	-931.3	1660.7	-542.8
-73.22		3232	-1631.0	524.2	-714.7	739.6	-1846.5
-76.63		5906	323.6	2437.7	-532.8	2564.3	196.9
-68.46		5941	-982.6	620.1	-749.4	915.9	-1278.4
		NODE	Vxx	Vyy			
		Cent	0.3	-0.9			
		3234	1.6	0.5			
		3232	1.6	-2.4			
		5906	-1.0	-2.4			
		5941	-1.0	0.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

34.43	cedime~1	Cent	141.5	-7.1	192.3	273.3	-139.0
37.93		3234	126.1	29.2	192.3	276.0	-120.6
33.10		3232	126.1	-43.5	192.3	251.4	-168.9
31.24		5906	156.9	-43.5	192.3	273.5	-160.1
35.82		5941	156.9	29.2	192.3	295.7	-109.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-69.58		Cent	1169.9	5384.3	-1822.1	6062.8	491.3
-67.93		3234	-78.1	3820.0	-1891.5	4586.9	-845.0
-58.07		3232	1894.9	3812.1	-1954.0	5029.9	677.1
-74.13		5906	4516.9	9350.1	-1495.4	9775.4	4091.6
-77.61		5941	-1654.3	4554.8	-1432.9	4869.6	-1969.0

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	Company		Client	
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NODE	Vxx	Vyy
Cent	-4.0	-4.8
3234	-2.2	-1.7
3232	-2.2	-8.0
5906	-5.8	-8.0
5941	-5.8	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.63	perm	Cent	851.7	-0.0	845.3	1372.3	-520.7
35.83		3234	653.9	93.6	845.3	1264.3	-516.7
33.07		3232	653.9	-93.6	845.3	1204.4	-644.1
27.97		5906	1049.4	-93.6	845.3	1498.3	-542.4
30.26		5941	1049.4	93.6	845.3	1542.6	-399.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.84	Cent	1764.7	12422.9	1973.0	12776.4	1411.2
46.59	3234	4928.6	5165.9	2135.3	7185.8	2908.7
71.25	3232	-3199.9	-1396.8	691.6	-1162.1	-3434.6
86.97	5906	-4920.0	27436.6	1714.8	27527.2	-5010.6
71.26	5941	10250.1	18486.1	3158.5	19557.9	9178.4

NODE	Vxx	Vyy
Cent	13.2	-33.0
3234	7.6	-19.5
3232	7.6	-46.5
5906	18.8	-46.5
5941	18.8	-19.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.55	INV TO~1 Max	Cent	2723.8	74.8	2617.8	4331.1	-768.2
35.51		3234	2130.6	329.6	2617.8	3998.5	-758.5
33.59		3232	2130.6	-29.8	2617.8	3868.9	-966.2
28.53		5906	3318.8	-29.8	2617.8	4741.9	-909.6
30.14		5941	3318.8	329.6	2617.8	4838.6	-688.2
26.97	Min	Cent	785.4	-372.9	790.8	1187.9	-1539.7
29.96		3234	613.1	-302.7	790.8	1069.0	-1538.3
26.60		3232	613.1	-613.8	790.8	1009.0	-1811.7
		5906	933.6	-613.8	790.8	1272.8	-1496.5

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23.22
25.99

5941 933.6 -302.7 790.8 1319.1 -1190.2

NODE Mxx Myy Mxy Mmax Mmin

Max Cent 15054.2 104530.3 12372.5 105757.5 13827.0

83.37 3234 39794.2 64007.7 9878.2 66398.3 37325.5

73.34 3232 20963.7 11576.1 5987.7 22458.8 10081.0

20.34 5906 29525.5 214513.3 16082.0 215656.5 28382.3

85.52 5941 38392.7 146598.2 18599.9 149218.3 35156.1

81.32 Min Cent -7163.6 -9257.9 -15242.4 5250.4 -21671.9

-42.77 3234 -7367.5 -16835.9 -11171.4 -1627.2 -22498.2

-31.39 3232 -58020.3 -16781.5 -11291.1 -14765.9 -60035.9

-77.82 5906 -33327.4 -7374.8 -16749.2 -324.5 -40377.6

-65.19 5941 2477.6 -21991.8 -16601.1 11087.1 -28947.1

-24.63

NODE Vxx Vyy

Max Cent 69.9 0.5

3234 92.5 15.9

3232 92.5 0.9

5906 71.7 0.9

5941 71.7 15.9

Min Cent -4.3 -230.2

3234 -26.1 -137.9

3232 -26.1 -326.7

5906 -6.7 -326.7

5941 -6.7 -137.9

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

INV TO~2 Max Cent 4620.7 74.8 4309.7 7203.7 -768.2

30.94 3234 3585.8 498.4 4309.7 6620.0 -758.5

35.15 3232 3585.8 -29.8 4309.7 6320.1 -966.2

32.39 5906 5655.7 -29.8 4309.7 7879.4 -909.6

27.29 5941 5655.7 498.4 4309.7 8099.3 -688.2

29.55 Min Cent 785.4 -372.9 790.8 1187.9 -2570.2

26.97 3234 613.1 -302.7 790.8 1069.0 -2535.8

29.96 3232 613.1 -613.8 790.8 1009.0 -3207.2

26.60 5906 933.6 -613.8 790.8 1272.8 -2696.8

23.22 5941 933.6 -302.7 790.8 1319.1 -1945.2

25.99

NODE Mxx Myy Mxy Mmax Mmin

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ANGLE

	Max	Cent	15054.2	104530.3	12372.5	105757.5	13827.0
83.37		3234	39794.2	64007.7	9878.2	66398.3	37325.5
73.34		3232	20963.7	11576.1	5987.7	22458.8	10081.0
20.34		5906	29525.5	214513.3	16082.0	215656.5	28382.3
85.52		5941	52705.8	146598.2	18599.9	149218.3	48155.0
81.32	Min	Cent	-7163.6	-9257.9	-15242.4	5250.4	-21671.9
-42.77		3234	-7367.5	-16835.9	-11171.4	-1627.2	-22498.2
-31.39		3232	-58020.3	-19537.2	-11291.1	-19160.5	-60035.9
82.56		5906	-41759.2	-7374.8	-16749.2	-324.5	-42211.6
-65.19		5941	2477.6	-21991.8	-16601.1	11087.1	-28947.1
-24.63							

	NODE	Vxx	Vyy
Max	Cent	89.1	0.5
	3234	92.5	15.9
	3232	92.5	0.9
	5906	116.0	0.9
	5941	116.0	15.9
Min	Cent	-4.3	-230.2
	3234	-26.1	-137.9
	3232	-26.1	-326.7
	5906	-6.7	-326.7
	5941	-6.7	-137.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3434	1	2	c mob-a	Max	Cent	885.4	58.7	1422.4	1953.3	-1009.2
36.90					3236	706.9	43.6	1422.4	1835.8	-1085.3
38.44					3234	706.9	84.2	1422.4	1851.7	-1060.6
38.83					5941	1065.2	84.2	1422.4	2079.4	-929.9
35.49					5977	1065.2	43.6	1422.4	2065.8	-957.0
35.12				Min	Cent	-66.0	-293.0	-60.3	-51.0	-308.0
-13.99					3236	-36.3	-311.0	-60.3	-23.6	-323.7
-11.85					3234	-36.3	-294.1	-60.3	-22.8	-307.5
-12.54					5941	-112.5	-294.1	-60.3	-94.3	-312.3
-16.80					5977	-112.5	-311.0	-60.3	-95.7	-327.9
-15.64										

ANGLE

	Max	Cent	19961.3	59589.7	6777.5	60716.7	18834.2
80.56							

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82.03		3236	20386.9	44578.8	3452.7	45061.9	19903.8
77.40		3234	21608.9	39778.7	4274.3	40734.0	20653.6
81.31		5941	30580.4	93148.6	9788.0	94644.0	29084.9
79.97		5977	16084.5	72031.3	10215.7	73838.3	14277.5
-22.26	Min	Cent	-7331.1	-25418.8	-8891.3	-3692.4	-29057.5
-24.03		3236	-10083.9	-20500.0	-5795.3	-7500.3	-23083.6
-27.11		3234	-5420.6	-15189.6	-6777.5	-1950.8	-18659.3
-22.99		5941	-10382.6	-31467.3	-10911.7	-5752.4	-36097.5
-16.59		5977	-7643.8	-37818.1	-9866.6	-4703.9	-40757.9

	NODE	Vxx	Vyy
Max	Cent	1.3	26.7
	3236	15.5	28.7
	3234	15.5	26.3
	5941	9.6	26.3
	5977	9.6	28.7
Min	Cent	-7.8	-62.9
	3236	-18.6	-46.2
	3234	-18.6	-86.4
	5941	-19.9	-86.4
	5977	-19.9	-46.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
37.05	c mob-b	Max	Cent	844.6	56.9	1383.4	1889.1	-987.7
38.56			3236	671.8	39.5	1383.4	1774.7	-1063.5
38.95			3234	671.8	78.9	1383.4	1790.2	-1039.5
35.62			5941	1018.5	78.9	1383.4	2009.7	-912.3
35.26			5977	1018.5	39.5	1383.4	1996.5	-938.5
-12.30		Min	Cent	-50.4	-235.5	-42.4	-41.2	-244.7
-9.60			3236	-19.3	-262.5	-42.4	-12.1	-269.7
-11.75			3234	-19.3	-214.2	-42.4	-10.5	-223.0
-17.59			5941	-94.0	-214.2	-42.4	-80.6	-227.6
-13.35			5977	-94.0	-262.5	-42.4	-84.0	-272.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
73.66	Max	Cent	10249.8	26174.7	5107.1	27671.8	8752.7	
69.00			3236	7868.4	16434.2	3857.6	17915.4	6387.2
63.49			3234	13892.2	20316.8	4265.2	22444.1	11764.9
			5941	16407.9	51762.7	7225.8	53182.5	14988.1

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78.88			5977	8933.9	25131.1	7419.8	28016.2	6048.8
68.75								
-17.61	Min	Cent		-5004.0	-17503.8	-4411.0	-3604.1	-18903.6
-21.04			3236	-6934.2	-14386.5	-3364.0	-5640.3	-15680.4
-21.89			3234	-3181.7	-10362.7	-3439.7	-1799.9	-11744.4
-18.38			5941	-7341.1	-20969.5	-5090.6	-5649.6	-22661.0
-12.16			5977	-5313.9	-26617.4	-4813.2	-4276.9	-27654.4

	NODE	Vxx	Vyy
Max	Cent	1.5	18.3
	3236	7.6	20.3
	3234	7.6	17.4
	5941	7.4	17.4
	5977	7.4	20.3
Min	Cent	-6.0	-30.3
	3236	-13.2	-15.3
	3234	-13.2	-52.5
	5941	-11.1	-52.5
	5977	-11.1	-15.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.05	pp	Cent	2335.1	96.0	3932.6	5304.4	-2873.3
38.54		3236	1844.0	40.3	3932.6	4976.9	-3092.5
38.93		3234	1844.0	151.6	3932.6	5020.4	-3024.8
35.61		5941	2826.2	151.6	3932.6	5642.7	-2664.9
35.25		5977	2826.2	40.3	3932.6	5605.3	-2738.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
70.02	Cent	16232.7	27210.1	4600.3	28883.0	14559.8
82.54	3236	4730.5	10048.6	708.9	10141.5	4637.6
18.48	3234	19508.9	13948.7	2091.7	20207.9	13249.7
77.93	5941	29060.1	70221.3	9224.3	72194.0	27087.5
50.40	5977	11631.3	14621.8	7841.6	21109.4	5143.7

	NODE	Vxx	Vyy
	Cent	-10.4	-45.9
	3236	-14.4	-5.1
	3234	-14.4	-86.7
	5941	-6.5	-86.7
	5977	-6.5	-5.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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38.94	vento -y	Cent	11.4	3.2	19.3	27.0	-12.4
		3236	12.9	3.2	19.3	27.9	-11.9
37.89		3234	12.9	3.2	19.3	27.9	-11.8
37.91		5941	10.0	3.2	19.3	26.1	-13.0
40.01		5977	10.0	3.2	19.3	26.1	-13.0
40.00							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-15.8	557.2	-1003.6	1314.4	-773.0
-52.97		3236	420.6	886.0	-1035.6	1714.7	-408.1
-51.33		3234	-237.4	1106.0	-1060.9	1690.0	-821.4
-61.17		5941	782.3	973.1	-832.5	1715.7	39.7
-48.27		5977	-1028.6	-736.3	-807.2	-62.1	-1702.8
-50.13							
		NODE	Vxx	Vyy			
		Cent	-0.4	1.3			
		3236	0.7	2.1			
		3234	0.7	0.5			
		5941	-1.5	0.5			
		5977	-1.5	2.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	88.4	16.5	209.4	265.0	-160.1
40.12		3236	76.1	14.3	209.4	256.9	-166.5
40.80		3234	76.1	18.6	209.4	258.8	-164.0
41.09		5941	100.7	18.6	209.4	273.1	-153.7
39.45		5977	100.7	14.3	209.4	271.4	-156.3
39.17							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-69.3	3323.0	-2010.7	4257.4	-1003.7
-65.07		3236	-353.6	1617.1	-2287.0	3122.0	-1858.5
-56.65		3234	-287.1	3778.1	-2124.3	4685.6	-1194.6
-66.87		5941	1791.7	5244.0	-1573.8	5853.8	1181.9
-68.82		5977	-1428.2	2652.8	-1736.5	3291.7	-2067.1
-69.80							
		NODE	Vxx	Vyy			

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Cent	-1.2	-1.8
3236	0.4	-2.0
3234	0.4	-1.7
5941	-2.8	-1.7
5977	-2.8	-2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.53	perm	Cent	574.6	24.4	1031.2	1366.8	-767.8
39.05		3236	445.3	10.5	1031.2	1281.8	-826.0
39.42		3234	445.3	38.2	1031.2	1292.9	-809.4
36.06		5941	703.9	38.2	1031.2	1454.7	-712.6
35.71		5977	703.9	10.5	1031.2	1445.2	-730.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
65.65	Cent	4522.6	8316.9	2159.2	9294.0	3545.6
68.53	3236	1306.0	3982.2	1245.1	4471.9	816.3
40.08	3234	5877.4	5355.6	1505.1	7144.1	4089.0
75.76	5941	6431.5	17722.4	3062.2	18499.4	5654.5
53.59	5977	4475.6	6207.4	2802.2	8274.5	2408.5

NODE	Vxx	Vyy
Cent	-2.0	-11.0
3236	-4.4	-2.5
3234	-4.4	-19.5
5941	0.4	-19.5
5977	0.4	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.31	INV TO~1 Max	Cent	1858.4	120.1	3161.0	4267.5	-984.8
38.79		3236	1475.8	83.7	3161.0	4016.4	-1038.2
39.17		3234	1475.8	170.5	3161.0	4050.8	-1003.3
35.93		5941	2242.7	170.5	3161.0	4533.0	-956.7
35.57		5977	2242.7	83.7	3161.0	4503.4	-993.2
32.86	Min	Cent	485.5	-371.2	949.8	1099.1	-2289.1
33.51		3236	396.4	-409.4	949.8	1025.2	-2457.0
34.16		3234	396.4	-358.8	949.8	1040.9	-2404.5
32.19		5941	552.0	-358.8	949.8	1149.9	-2119.8
		5977	552.0	-409.4	949.8	1135.8	-2177.0

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31.58

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.48	Max	Cent	31470.3	92086.0	11308.7	93478.6	30008.4
83.71		3236	28828.3	65780.7	6453.0	66240.2	28015.2
79.92		3234	35049.5	62835.1	7275.4	63750.4	33847.0
81.75		5941	49506.7	148717.0	16276.1	150849.9	47373.8
79.97		5977	26189.6	106102.5	16593.5	108731.2	22776.6
-21.84	Min	Cent	-5443.6	-25998.5	-11854.9	-1430.0	-29942.8
-24.56		3236	-12660.8	-23692.7	-8865.6	-9300.2	-27406.1
-24.06		3234	-1727.5	-15150.3	-9768.9	1972.6	-18563.2
-26.83		5941	-7585.1	-24758.5	-13242.4	-1684.3	-30659.3
-17.53		5977	-7271.7	-44847.0	-12254.2	-3400.8	-47502.4

		NODE	Vxx	Vyy
Max	Cent		0.0	25.0
		3236	16.9	36.3
		3234	16.9	15.9
		5941	13.3	15.9
		5977	13.3	36.3
Min	Cent		-13.7	-97.8
		3236	-29.5	-66.9
		3234	-29.5	-137.9
		5941	-29.3	-137.9
		5977	-29.3	-66.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
37.05	INV TO~2	Max	Cent	3152.3	129.6	5309.0	7160.9	-984.8
38.54			3236	2489.4	83.7	5309.0	6718.8	-1038.2
38.93			3234	2489.4	204.7	5309.0	6777.6	-1003.3
35.61			5941	3815.3	204.7	5309.0	7617.6	-956.7
35.25			5977	3815.3	83.7	5309.0	7567.1	-993.2
32.86		Min	Cent	485.5	-371.2	949.8	1099.1	-3879.0
33.51			3236	396.4	-409.4	949.8	1025.2	-4174.9
34.16			3234	396.4	-358.8	949.8	1040.9	-4083.5
32.19			5941	552.0	-358.8	949.8	1149.9	-3597.6
31.58			5977	552.0	-409.4	949.8	1135.8	-3697.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

81.48		Max	Cent	31470.3	92086.0	11308.7	93478.6	30008.4
				3236	28828.3	65780.7	6453.0	28015.2
83.71				3234	35049.5	62835.1	7275.4	33847.0
79.92				5941	49506.7	148717.0	16276.1	150849.9
81.75				5977	26189.6	106102.5	16593.5	108731.2
79.97								
-21.84		Min	Cent	-5443.6	-25998.5	-11854.9	-1430.0	-29942.8
				3236	-12660.8	-23692.7	-8865.6	-9300.2
-24.56				3234	-1727.5	-15150.3	-9768.9	1972.6
-24.06				5941	-7585.1	-24758.5	-13242.4	-1684.3
-26.83				5977	-7271.7	-44847.0	-12254.2	-3400.8
-17.53								

		NODE	Vxx	Vyy
Max	Cent		0.0	25.0
		3236	16.9	36.3
		3234	16.9	15.9
		5941	13.3	15.9
		5977	13.3	36.3
Min	Cent		-14.1	-97.8
		3236	-29.5	-66.9
		3234	-29.5	-137.9
		5941	-29.3	-137.9
		5977	-29.3	-66.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3550	2	14	c mob-a	Max	Cent	14.8	1.1	1.7	15.0	0.9
6.97					5951	18.1	4.6	3.4	18.9	3.8
13.48					5949	32.2	7.9	3.9	32.8	7.3
9.01					5948	11.7	10.6	1.4	12.6	9.7
33.65					5950	4.6	4.8	0.3	5.0	4.4
51.92				Min	Cent	-7.4	-21.7	-20.7	7.3	-36.4
-35.43					5951	-15.1	-47.7	-31.3	3.9	-66.7
-31.28					5949	-13.0	-4.6	-36.5	27.9	-45.5
-48.31					5948	-0.8	-4.6	-10.8	8.3	-13.7
-40.02					5950	-7.8	-48.0	-5.9	-6.9	-48.8
-8.18										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	927.1	3267.5	1783.9	4230.7	-36.1
61.63					5951	280.7	4487.3	1129.5	4771.4	-3.4
75.88										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

75.09		5949	3536.1	8913.8	1540.8	9323.9	3125.9
39.22		5948	1349.0	445.2	2209.5	3152.3	-1358.2
48.17		5950	446.1	837.6	1759.9	2412.6	-1128.9
-26.01	Min	Cent	-535.1	-1629.8	-701.1	-193.0	-1971.9
-18.67		5951	-1157.7	-2169.1	-385.9	-1027.2	-2299.5
-8.42		5949	-2045.9	-5129.0	-466.3	-1976.9	-5198.0
-44.16		5948	-939.1	-1001.5	-1063.2	93.3	-2033.9
-36.94		5950	-114.5	-659.9	-944.1	595.5	-1369.8

	NODE	Vxx	Vyy
Max	Cent	1.0	4.7
	5951	1.6	2.9
	5949	1.6	6.5
	5948	1.6	6.7
	5950	1.6	3.1
Min	Cent	-2.4	-2.2
	5951	-3.5	-1.4
	5949	-3.5	-3.9
	5948	-1.7	-3.8
	5950	-1.7	-1.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
16.04	c mob-b	Max	Cent	26.9	3.3	7.4	29.0	1.1
23.91			5951	36.8	13.8	12.7	42.5	8.2
17.26			5949	55.4	20.7	11.9	59.1	17.0
67.37			5948	20.5	29.0	4.3	30.8	18.8
43.33			5950	11.2	10.8	3.6	14.7	7.4
-36.55		Min	Cent	-12.6	-33.2	-34.0	12.6	-58.4
-32.35			5951	-27.1	-82.5	-58.5	9.9	-119.5
-47.64			5949	-17.9	-6.5	-61.8	49.9	-74.3
-36.97			5948	-1.4	-10.1	-15.1	9.9	-21.4
-6.32			5950	-14.0	-77.9	-7.2	-13.2	-78.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
61.92	Max	Cent	2035.2	7471.5	4055.2	9635.3	-128.6
76.09		5951	643.7	10538.8	2610.6	11185.3	-2.8
75.37		5949	7747.0	20538.1	3583.7	21473.7	6811.4
36.08		5948	3885.7	657.3	5013.6	7538.6	-2995.6
		5950	1041.9	1997.6	3965.2	5513.6	-2474.2

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	Company		Client	
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48.44								
	Min	Cent	-1856.9	-6807.0	-2871.6	-541.0	-8123.0	
-24.62			5951	-2727.4	-12506.0	-2271.6	-2225.5	-13007.9
-12.46			5949	-6780.1	-15819.8	-2832.6	-5965.8	-16634.1
-16.04			5948	-2693.7	-2555.7	-3271.6	647.7	-5897.0
-45.60			5950	-283.7	-1075.5	-3023.1	2369.3	-3728.5
-41.27								

	NODE	Vxx	Vyy
Max	Cent	4.2	10.9
	5951	6.9	6.8
	5949	6.9	15.1
	5948	3.6	15.6
	5950	3.6	7.3
Min	Cent	-5.5	-9.2
	5951	-7.8	-8.6
	5949	-7.8	-10.5
	5948	-4.8	-10.8
	5950	-4.8	-9.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	22.7	-45.2	-42.8	43.4	-65.9
-25.77		5951	27.2	-94.0	-62.7	53.7	-120.6
-22.99		5949	56.6	4.3	-72.6	107.6	-46.7
-35.09		5948	18.3	3.5	-23.0	35.0	-13.2
-36.03		5950	-11.2	-94.8	-13.0	-9.2	-96.8
-8.66							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-625.5	-2942.2	204.1	-607.7	-2960.0
5.00	5951	-167.6	-4769.1	493.5	-115.3	-4821.5
6.05	5949	-3265.7	-6975.9	546.1	-3187.0	-7054.6
8.20	5948	1078.4	226.7	89.5	1087.7	217.4
5.94	5950	-168.0	-229.6	-30.7	-155.3	-242.3
-22.45						

	NODE	Vxx	Vyy
	Cent	0.7	-3.8
	5951	2.6	-3.2
	5949	2.6	-4.2
	5948	-1.2	-4.5
	5950	-1.2	-3.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.32	vento -y	Cent	-0.2	-0.1	-0.2	0.1	-0.4
-41.30		5951	-0.3	-0.4	-0.3	0.0	-0.7
-54.69		5949	-0.2	0.1	-0.3	0.3	-0.4
-70.47		5948	-0.1	0.1	-0.1	0.2	-0.1
-32.49		5950	-0.2	-0.3	-0.1	-0.1	-0.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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57.42		Cent	6.9	16.3	10.1	22.8	0.4
75.45		5951	-7.5	16.2	6.6	17.9	-9.2
71.52		5949	28.4	48.8	7.6	51.3	25.9
33.56		5948	4.6	-5.4	11.9	12.5	-13.3
48.56		5950	2.5	5.1	10.5	14.3	-6.8

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	5951	-0.0	0.0
	5949	-0.0	0.0
	5948	-0.0	0.0
	5950	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-39.02	cedime~1	Cent	-0.6	-2.6	-4.6	3.1	-6.3
-28.09		5951	-0.4	-11.6	-8.3	4.0	-16.0
-46.86		5949	4.9	6.2	-9.9	15.4	-4.3
-83.39		5948	-0.9	6.4	-0.9	6.5	-1.0
7.29		5950	-6.2	-11.4	0.7	-6.1	-11.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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59.35		Cent	201.6	548.7	317.0	736.5	13.7
77.08		5951	-260.2	216.7	115.4	243.2	-286.6
82.69		5949	863.9	1936.1	139.9	1954.1	845.9
33.05		5948	145.7	-247.5	443.7	434.4	-536.2
51.59		5950	86.0	260.3	372.4	555.6	-209.3

	NODE	Vxx	Vyy
	Cent	-0.4	0.7
	5951	-0.7	0.0

PROJECT TITLE :

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5949 -0.7 1.4
 5948 -0.2 1.5
 5950 -0.2 0.1

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

 perm Cent 12.7 -20.0 -18.3 20.8 -28.2
 -24.10
 5951 16.1 -42.0 -27.0 26.7 -52.6
 -21.47
 5949 29.6 3.2 -32.2 51.2 -18.4
 -33.85
 5948 9.2 2.0 -9.5 15.8 -4.6
 -34.52
 5950 -4.3 -43.2 -4.3 -3.8 -43.7
 -6.23

ANGLE NODE Mxx Myy Mxy Mmax Mmin

 Cent -746.7 -3227.1 -303.7 -710.1 -3263.7
 -6.88
 5951 -62.9 -5358.4 35.7 -62.6 -5358.7
 0.39
 5949 -3210.4 -7485.7 -59.2 -3209.6 -7486.5
 -0.79
 5948 377.9 175.7 -490.8 777.9 -224.3
 -39.18
 5950 -113.2 -218.0 -440.8 278.3 -609.5
 -41.61

 NODE Vxx Vyy
 Cent 1.2 -4.3
 5951 2.7 -3.6
 5949 2.7 -4.7
 5948 -0.4 -4.9
 5950 -0.4 -3.9

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

 INV TO~1 Max Cent 49.0 -15.6 -8.3 50.7 -16.6
 -10.57
 5951 65.8 -23.3 -9.9 68.6 -24.4
 -9.98
 5949 109.3 37.3 -16.1 131.1 29.0
 -43.89
 5948 37.0 47.5 -3.7 49.1 34.8
 -70.58
 5950 10.8 -28.6 1.3 10.8 -28.6
 0.91
 Min Cent -4.9 -67.4 -68.7 36.3 -111.7
 -32.37
 5951 -21.0 -164.8 -114.3 38.1 -228.0
 -28.97
 5949 5.4 -5.6 -125.5 107.8 -120.1
 -11.87
 5948 6.4 -11.7 -30.7 29.2 -33.5
 -36.18
 5950 -29.5 -159.8 -14.0 -28.1 -161.1
 -5.77

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	2202.5	7408.2	5487.9	10879.2	-1268.6
57.69		5951	806.1	9085.6	3675.4	10449.6	-540.8
69.64		5949	8112.0	22176.9	4918.7	23726.3	6562.5
72.51		5948	5769.3	1063.0	6721.3	10455.6	-3335.7
34.89		5950	1379.3	2739.0	5284.6	7387.3	-3061.8
48.67	Min	Cent	-3253.6	-12416.5	-4180.3	-1633.0	-14037.0
-21.19		5951	-4005.1	-22241.6	-3030.9	-3545.1	-22725.5
-8.97		5949	-12363.5	-28842.4	-3883.3	-11494.3	-29711.7
-12.62		5948	-3258.6	-3522.0	-4907.5	1151.0	-8174.0
-43.69		5950	-496.1	-1670.0	-4521.9	3269.6	-5642.9
-41.57							

		NODE	Vxx	Vyy
	Max	Cent	6.8	11.2
		5951	12.0	5.6
		5949	12.0	17.2
		5948	4.5	17.6
		5950	4.5	6.0
	Min	Cent	-6.7	-16.6
		5951	-8.5	-15.3
		5949	-8.5	-18.8
		5948	-7.1	-19.5
		5950	-7.1	-16.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	49.0	-15.6	-8.3	58.6	-16.6
-25.77			5951	65.8	-23.3	-9.9	72.6	-24.4
-22.99			5949	109.3	37.3	-16.1	145.3	29.0
-35.09			5948	37.0	47.5	-3.7	49.1	34.8
-70.58			5950	10.8	-28.6	1.3	10.8	-28.6
0.91		Min	Cent	-4.9	-67.4	-68.7	36.3	-111.7
-32.37			5951	-21.0	-164.8	-114.3	38.1	-228.0
-28.97			5949	5.4	-5.6	-125.5	107.8	-120.1
-11.87			5948	6.4	-11.7	-31.0	29.2	-33.5
-36.18			5950	-29.5	-159.8	-17.6	-28.1	-161.1
-5.77								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	2202.5	7408.2	5487.9	10879.2	-1268.6

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57.69							
		5951	806.1	9085.6	3675.4	10449.6	-540.8
69.64		5949	8112.0	22176.9	4918.7	23726.3	6562.5
72.51		5948	5769.3	1063.0	6721.3	10455.6	293.5
34.89		5950	1379.3	2739.0	5284.6	7387.3	-327.1
48.67	Min	Cent	-3253.6	-12416.5	-4180.3	-1633.0	-14037.0
-21.19		5951	-4005.1	-22241.6	-3030.9	-3545.1	-22725.5
-8.97		5949	-12363.5	-28842.4	-3883.3	-11494.3	-29711.7
-12.62		5948	-3258.6	-3522.0	-4907.5	1151.0	-8174.0
-43.69		5950	-496.1	-1670.0	-4521.9	-209.6	-5642.9
-22.45							

	NODE	Vxx	Vyy
Max	Cent	6.8	11.2
	5951	12.0	5.6
	5949	12.0	17.2
	5948	4.5	17.6
	5950	4.5	6.0
Min	Cent	-6.7	-16.6
	5951	-8.5	-15.3
	5949	-8.5	-18.8
	5948	-7.1	-19.5
	5950	-7.1	-16.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3551	2	14	c mob-a	Max	Cent	2.9	24.3	2.9	24.7	2.5
					5949	3.9	7.8	5.6	11.7	-0.1
					5914	23.2	100.5	6.7	101.1	22.6
					5913	7.0	58.8	1.1	58.8	7.0
					5948	8.6	6.5	16.4	23.9	-8.9
				Min	Cent	-93.1	-4.0	-32.5	6.6	-103.7
					5949	-31.7	-18.0	-37.5	13.3	-63.0
					5914	-23.0	-8.0	-80.5	65.3	-96.4
					5913	-165.7	-5.9	-27.8	-1.2	-170.4
					5948	-199.0	-53.4	-3.8	-53.3	-199.1
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	963.9	1221.0	2287.1	3383.1	-1198.3
					5949	2865.3	9161.3	3629.0	10817.4	1209.1
					5914	789.8	1487.5	4347.0	5499.6	-3222.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

35.53		5913	1593.8	523.7	1559.5	2707.5	-590.0
28.87		5948	2156.4	671.9	1175.7	2804.5	23.8
-30.77	Min	Cent	-690.1	-1553.2	-796.4	-215.9	-2027.5
-17.93		5949	-2379.7	-5481.7	-1121.4	-2016.8	-5844.6
-14.10		5914	-2248.1	-7279.4	-1348.8	-1909.3	-7618.2
-56.14		5913	-998.8	-359.5	-780.3	164.1	-1522.4
-40.46		5948	-840.7	-1034.4	-605.4	-324.4	-1550.6

	NODE	Vxx	Vyy
Max	Cent	1.2	2.2
	5949	1.5	6.8
	5914	1.5	1.2
	5913	2.0	1.2
Min	5948	2.0	6.8
	Cent	-1.1	-2.4
	5949	-2.4	-4.0
	5914	-2.4	-5.9
	5913	-1.0	-5.6
	5948	-1.0	-3.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
64.28	c mob-b	Max	Cent	25.8	39.5	8.6	43.6	21.7
36.42			5949	28.5	19.0	15.4	39.9	7.6
79.88			5914	51.9	157.5	19.5	160.9	48.4
87.53			5913	30.1	90.1	2.6	90.3	29.9
35.59			5948	34.9	16.0	27.7	54.8	-3.9
-71.18		Min	Cent	-135.1	-7.8	-49.0	8.9	-151.8
-51.79			5949	-47.1	-20.4	-55.3	23.2	-90.6
-47.09			5914	-40.5	-22.5	-123.5	92.4	-155.4
-79.75			5913	-251.6	-19.5	-43.4	-11.6	-259.4
-88.95			5948	-301.9	-83.3	-4.0	-83.2	-302.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
46.44	Max	Cent	1857.4	2397.4	5364.7	7498.9	-3244.1
65.26			5949	6034.0	21146.9	8842.5	25221.9
46.29			5914	759.5	1708.1	10559.8	11804.3
33.56			5913	5116.6	1965.0	3734.7	7594.4
24.48			5948	5603.5	572.4	2890.0	6919.4
	Min	Cent	-2417.5	-7911.3	-3583.8	-649.0	-9679.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-26.27		5949	-7254.1	-16177.6	-3183.1	-6235.0	-17196.7
-17.75		5914	-5831.4	-28236.6	-3644.9	-5253.4	-28814.6
-9.01		5913	-4039.1	-780.7	-4476.2	2353.5	-7173.4
-55.00		5948	-3330.4	-2712.1	-3657.3	649.1	-6691.6
-47.42							

	NODE	Vxx	Vyy
Max	Cent	2.5	4.3
	5949	3.3	15.8
	5914	3.3	1.5
	5913	6.6	1.4
	5948	6.6	16.0
Min	Cent	-4.2	-11.6
	5949	-9.1	-11.4
	5914	-9.1	-22.7
	5913	-4.5	-21.8
	5948	-4.5	-10.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-209.1	45.8	-72.2	64.9	-228.1
-75.24		5949	-70.8	-36.2	-87.4	35.6	-142.6
-50.58		5914	2.1	206.5	-172.3	304.6	-96.1
-60.34		5913	-347.4	127.9	-56.9	134.6	-354.1
-83.26		5948	-420.2	-114.8	27.9	-112.3	-422.8
84.81							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-798.8	-2891.7	852.0	-495.9	-3194.7
19.58	5949	-3812.2	-7162.7	588.3	-3711.9	-7263.0
9.67	5914	184.9	-4577.7	732.7	295.0	-4687.9
8.55	5913	-284.4	-100.6	916.6	728.7	-1113.7
47.86	5948	738.2	252.3	856.0	1385.0	-394.5
37.08						

	NODE	Vxx	Vyy
	Cent	-1.3	-4.0
	5949	-3.5	-4.7
	5914	-3.5	-3.6
	5913	1.0	-3.3
	5948	1.0	-4.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.7	0.1	-0.1	0.1	-0.7
-79.58							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-75.81	5949	-0.2	0.1	-0.1	0.1	-0.3
-64.81	5914	-0.2	0.4	-0.3	0.5	-0.3
-80.70	5913	-1.1	0.1	-0.2	0.1	-1.1
88.78	5948	-1.2	-0.2	0.0	-0.2	-1.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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42.74	Cent	7.2	5.8	8.9	15.5	-2.4
63.41	5949	25.3	49.8	16.4	58.0	17.1
39.34	5914	-15.2	-22.9	19.0	0.4	-38.5
29.02	5913	8.3	3.0	4.2	10.6	0.7
11.62	5948	9.5	-5.6	3.3	10.2	-6.3

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	5949	0.0	0.0
	5914	0.0	-0.0
	5913	0.0	-0.0
	5948	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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76.17	cedime~1	Cent	-0.2	7.2	1.9	7.7	-0.6
35.32		5949	19.4	14.1	7.6	24.8	8.8
-12.50		5914	18.8	12.1	-1.6	19.2	11.8
-79.90		5913	-19.8	0.3	-3.7	1.0	-20.4
76.58		5948	-19.2	2.3	5.4	3.6	-20.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.19	Cent	188.6	215.1	318.1	520.3	-116.5
68.08	5949	738.6	2000.4	605.7	2244.1	494.9
39.36	5914	-641.8	-940.9	750.2	-26.4	-1556.3
28.39	5913	295.5	117.2	136.1	369.0	43.7
6.76	5948	317.7	-271.6	70.9	326.1	-280.0

	NODE	Vxx	Vyy
	Cent	0.3	0.4
	5949	0.5	1.5
	5914	0.5	-0.6
	5913	0.2	-0.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5948			0.2	1.5				
ANGLE								

	perm	Cent	-83.9	22.2	-29.8	30.0	-91.7	
-75.32		5949	-16.5	-10.8	-34.4	20.8	-48.2	
-47.37		5914	14.9	93.8	-74.6	138.7	-30.1	
-58.94		5913	-151.2	55.3	-25.3	58.3	-154.2	
-83.11		5948	-182.6	-49.3	14.9	-47.7	-184.2	
83.68								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-1066.4	-3457.7	-81.0	-1063.6	-3460.5	
-1.94		5949	-3652.1	-7643.7	-54.2	-3651.4	-7644.5	
-0.78		5914	-102.3	-6196.8	-82.3	-101.1	-6197.9	
-0.77		5913	-494.5	-105.3	-253.4	19.6	-619.4	
-63.76		5948	-9.7	108.1	-129.8	191.7	-93.3	
-57.21								
		NODE	Vxx	Vyy				

		Cent	-1.5	-4.8				
		5949	-3.4	-5.2				
		5914	-3.4	-4.8				
		5913	0.5	-4.5				
		5948	0.5	-4.8				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	-49.0	82.7	-16.3	84.7	-51.1
-83.04			5949	41.4	28.9	-6.0	60.7	26.5
-50.09			5914	103.8	318.5	-48.3	329.5	92.7
-77.54			5913	-110.6	177.3	-21.8	179.4	-112.2
-85.29			5948	-135.4	-25.4	57.8	-3.3	-156.7
69.08								
		Min	Cent	-266.3	11.6	-96.0	41.6	-296.1
-72.67			5949	-80.1	-38.3	-109.0	32.4	-170.2
-37.62			5914	-39.9	63.5	-242.9	258.6	-235.0
-51.04			5913	-510.6	29.0	-87.6	42.2	-524.4
-81.06			5948	-609.3	-161.7	9.5	-161.5	-609.8
88.73								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

41.88		Max	Cent	1629.8	-6.0	7479.5	8335.9	-6599.5
62.64				5949	5232.4	22905.0	12488.9	29367.5
40.14				5914	964.0	-3890.8	14923.6	12916.4
33.84				5913	6708.5	2664.6	4924.5	10010.0
23.58				5948	7872.8	1015.3	3842.6	9549.6
-21.63		Min	Cent	-4329.9	-14137.9	-4919.1	-2317.3	-16179.9
-14.24				5949	-13445.2	-29483.5	-4351.4	-12340.7
-6.53				5914	-8616.5	-45257.1	-5003.0	-8129.4
-55.41				5913	-5947.3	-1159.3	-6296.3	3182.7
-46.04				5948	-4505.8	-3824.8	-5067.1	993.1

		NODE	Vxx	Vyy
Max	Cent		2.3	1.4
		5949	1.6	17.7
		5914	1.6	-2.8
		5913	9.6	-2.6
		5948	9.6	18.2
Min	Cent		-7.1	-20.4
		5949	-15.6	-20.5
		5914	-15.6	-36.1
		5913	-5.6	-34.6
		5948	-5.6	-19.6

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

-75.24	INV TO~2	Max	Cent	-49.0	82.7	-16.3	87.6	-51.1
-50.09				5949	41.4	28.9	-6.0	60.7
-60.34				5914	103.8	318.5	-48.3	411.3
-83.26				5913	-110.6	177.3	-21.8	181.8
69.08				5948	-135.4	-25.4	57.8	-3.3
-72.67		Min	Cent	-282.3	11.6	-97.5	41.6	-307.9
-37.62				5949	-95.5	-48.9	-118.0	32.4
-51.04				5914	-39.9	63.5	-242.9	258.6
-81.06				5913	-510.6	29.0	-87.6	42.2
88.73				5948	-609.3	-161.7	9.5	-161.5

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

41.88		Max	Cent	1629.8	-6.0	7479.5	8335.9	-4312.8
				5949	5232.4	22905.0	12488.9	29367.5
								-1230.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

62.64								
		5914	964.0	-3890.8	14923.6	12916.4	-6328.6	
40.14								
		5913	6708.5	2664.6	4924.5	10010.0	-636.9	
33.84								
		5948	7872.8	1015.3	3842.6	9549.6	-532.6	
23.58								
	Min	Cent	-4329.9	-14137.9	-4919.1	-2317.3	-16179.9	
-21.63								
		5949	-13445.2	-29483.5	-4351.4	-12340.7	-30588.0	
-14.24								
		5914	-8616.5	-45257.1	-5003.0	-8129.4	-45744.2	
-6.53								
		5913	-5947.3	-1159.3	-6296.3	983.7	-10289.3	
47.86								
		5948	-4505.8	-3824.8	-5067.1	993.1	-9118.9	
-46.04								

	NODE	Vxx	Vyy
Max	Cent	2.3	1.4
	5949	1.6	17.7
	5914	1.6	-2.8
	5913	9.6	-2.6
	5948	9.6	18.2
Min	Cent	-7.1	-20.4
	5949	-15.6	-20.5
	5914	-15.6	-36.1
	5913	-5.6	-34.6
	5948	-5.6	-19.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3567	2	14	c mob-a	Max	Cent	4.6	18.8	19.3	32.3	-8.9
55.06					5952	8.1	22.2	12.8	29.8	0.5
59.34					5916	16.1	26.2	20.3	42.0	0.2
52.00					6051	33.4	29.6	34.7	66.3	-3.3
43.42					5984	8.2	25.3	16.5	35.4	-1.8
58.68				Min	Cent	-7.8	-87.0	-34.1	4.9	-99.7
-20.39					5952	-22.2	-121.0	-38.6	-8.9	-134.3
-19.02					5916	-13.8	-45.8	-47.4	20.2	-79.9
-35.67					6051	-17.3	-46.8	-30.1	1.5	-65.6
-31.97					5984	-23.3	-128.8	-26.1	-17.1	-134.9
-13.16										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	1256.2	2337.9	4830.8	6658.0	-3063.9
48.19					5952	5226.6	52435.7	4514.5	52863.5	4798.8
84.59					5916	2106.8	4402.2	4606.2	8001.6	-1492.5
52.00					6051	3394.1	4963.3	4889.7	9130.9	-773.6
49.56										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

41.39		5984	3619.8	2733.0	3502.4	6706.8	-354.0
-45.35	Min	Cent	-8332.1	-8067.7	-10888.9	2689.8	-19089.5
-40.10		5952	-3257.0	-6630.9	-9758.1	4958.9	-14846.7
-56.70		5916	-10773.7	-5845.8	-5693.2	-2106.2	-14513.3
-34.91		6051	-19464.6	-26136.5	-9076.0	-13130.9	-32470.2
-21.41		5984	-7996.8	-46037.6	-17621.8	-1088.4	-52946.0

	NODE	Vxx	Vyy
Max	Cent	10.4	69.7
	5952	5.6	112.1
	5916	0.2	42.6
	6051	31.1	42.8
	5984	47.6	101.4
Min	Cent	-2.4	-3.0
	5952	-28.3	-8.5
	5916	-9.3	-8.4
	6051	-5.0	-8.3
	5984	-2.7	-9.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
47.13	c mob-b	Max	Cent	9.3	15.5	41.8	54.4	-29.5
41.99			5952	22.4	15.9	30.9	50.2	-11.9
45.67			5916	21.8	24.1	50.6	73.5	-27.6
39.83			6051	59.4	34.6	68.0	116.1	-22.1
46.17			5984	18.8	21.7	34.9	55.2	-14.6
-16.74		Min	Cent	-8.2	-120.2	-37.0	2.9	-131.4
-15.36			5952	-30.2	-154.9	-37.1	-20.0	-165.1
-25.43			5916	-25.9	-113.5	-53.8	-0.3	-139.0
-26.55			6051	-44.9	-121.3	-50.9	-19.5	-146.7
-11.45			5984	-22.4	-162.1	-29.5	-16.4	-168.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
47.94	Max	Cent	1946.3	4076.6	10350.6	13416.8	-7393.8	
60.74			5952	3988.9	15218.8	9170.5	20356.8	-1149.0
58.12			5916	5353.0	14186.6	8964.0	19762.9	-223.3
46.92			6051	4647.0	6220.5	11697.4	17157.5	-6290.1
44.51			5984	7918.8	7665.0	7368.0	15161.0	422.8
-38.75	Min	Cent	-11722.1	-12889.1	-2629.9	-9611.8	-14999.4	
			5952	-6264.8	-15697.3	-2506.0	-5640.3	-16321.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-13.99							
		5916	-14780.9	-3499.9	-1975.1	-3164.1	-15116.7
-80.35							
		6051	-33120.3	-43826.1	-2467.2	-32579.1	-44367.3
-12.37							
		5984	-1810.6	-18996.5	-3326.4	-1189.2	-19617.9
-10.58							

	NODE	Vxx	Vyy
Max	Cent	24.0	51.9
	5952	18.8	37.6
	5916	1.0	106.0
	6051	58.8	105.6
	5984	34.2	33.4
Min	Cent	-3.8	-7.1
	5952	-11.9	-21.1
	5916	-12.5	-14.3
	6051	-7.1	-14.0
	5984	-4.3	-23.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-4.2	-128.0	-39.5	7.4	-139.5
-16.29		5952	-47.7	-236.4	-69.0	-25.1	-259.0
-18.09		5916	16.5	8.1	-71.9	84.4	-59.8
-43.34		6051	62.3	22.7	13.8	66.7	18.3
17.46		5984	-30.7	-254.0	-24.7	-28.0	-256.7
-6.24							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-871.9	-2082.8	-724.6	-533.1	-2421.6
-25.06		5952	-330.3	2719.4	-784.9	2909.5	-520.5
-76.38		5916	-239.6	-11.2	-438.2	327.4	-578.2
-52.31		6051	-2501.6	-4472.4	-321.9	-2450.4	-4523.6
-9.04		5984	-214.8	-6370.6	-1583.2	168.6	-6753.9
-13.61							

	NODE	Vxx	Vyy
	Cent	1.2	8.6
	5952	-3.3	10.7
	5916	-2.6	6.8
	6051	5.3	6.9
	5984	6.0	9.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.1	-1.1	-0.1	-0.1	-1.1
-8.01		5952	-0.1	-1.0	-0.1	-0.0	-1.0
-6.52							

PROJECT TITLE :

MIDAS	Company		Client			
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl		

-6.78		5916	-0.1	-1.2	-0.1	-0.1	-1.2
-10.40		6051	-0.2	-1.2	-0.2	-0.2	-1.2
-8.63		5984	-0.1	-1.0	-0.1	-0.1	-1.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-4.15		Cent	-42.0	-125.4	-6.1	-41.6	-125.9
-2.47		5952	-5.2	-80.6	-3.3	-5.0	-80.7
-13.62		5916	-51.0	-80.7	-7.7	-49.1	-82.6
-3.71		6051	-111.4	-208.5	-6.3	-111.0	-208.9
-7.34		5984	2.3	-126.2	-16.8	4.5	-128.4

NODE	Vxx	Vyy
Cent	0.1	0.1
5952	0.0	0.0
5916	-0.0	0.2
6051	0.2	0.2
5984	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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30.39	cedime~1	Cent	7.1	-14.2	19.0	18.3	-25.3
37.85		5952	11.1	-0.1	21.9	28.1	-17.1
27.68		5916	0.8	-33.6	24.9	13.8	-46.6
18.54		6051	1.9	-33.4	13.3	6.3	-37.8
36.79		5984	12.7	3.4	15.7	24.4	-8.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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7.27		Cent	-1531.7	-3412.5	244.0	-1500.6	-3443.6
8.61		5952	-304.5	-2526.4	344.3	-252.4	-2578.5
53.60		5916	-1910.4	-1801.1	176.6	-1670.9	-2040.6
3.16		6051	-4273.8	-6826.8	141.4	-4266.0	-6834.6
-2.49		5984	437.8	-2336.3	-120.7	443.1	-2341.5

NODE	Vxx	Vyy
Cent	2.8	3.8
5952	1.9	-0.4
5916	-0.1	9.1
6051	6.0	9.1
5984	3.8	-0.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.93	perm	Cent	1.7	-41.2	2.2	1.9	-41.3
-8.96		5952	-16.9	-78.5	-10.0	-15.3	-80.0
-46.96		5916	0.9	1.6	-5.3	6.5	-4.1
32.93		6051	32.0	11.2	23.2	47.0	-3.8
3.02		5984	-2.7	-81.7	4.2	-2.5	-82.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-23.66		Cent	-382.5	-1232.5	-461.1	-180.5	-1434.6
-78.03		5952	-123.9	1888.7	-446.7	1983.4	-218.6
-24.55		5916	159.6	-269.1	-247.5	272.7	-382.1
-13.01		6051	-1455.0	-2749.5	-316.1	-1382.0	-2822.5
-13.92		5984	-24.6	-3778.7	-991.6	221.2	-4024.5
		NODE	Vxx	Vyy			
		Cent	0.6	5.1			
		5952	-2.4	6.8			
		5916	-1.8	3.4			
		6051	3.0	3.6			
		5984	3.6	5.9			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.84	INV TO~1 Max	Cent	21.4	-15.9	77.7	77.5	-61.4
27.86		5952	24.4	-48.6	53.6	52.8	-61.9
40.51		5916	31.1	36.9	87.8	106.1	-29.5
35.38		6051	114.1	58.0	128.2	205.2	-33.0
29.65		5984	35.4	-44.1	66.9	73.5	-74.5
-7.48	Min	Cent	-9.4	-217.7	-47.8	1.5	-221.5
-14.19		5952	-57.7	-287.7	-62.1	-41.9	-303.3
-17.46		5916	-34.1	-185.2	-77.9	-16.6	-201.9
-11.01		6051	-28.7	-185.9	-45.5	-20.5	-192.2
-7.49		5984	-34.1	-300.6	-35.7	-29.5	-305.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

47.14	Max	Cent	2245.0	4270.9	13756.3	16808.2	-10292.2
80.02		5952	6932.1	72676.9	12277.7	74775.9	4833.0
57.94		5916	7386.1	18882.9	12030.5	26308.7	-39.7
45.77		6051	4818.4	5648.1	15616.8	20714.2	-10247.7
38.56		5984	11103.7	6569.0	8955.2	17803.9	-569.0
-40.89	Min	Cent	-17739.1	-22045.3	-15161.0	-4820.6	-34963.8
-32.01		5952	-8885.9	-21829.1	-13620.1	-588.3	-30126.7
-63.56		5916	-21705.0	-9962.0	-7933.3	-6105.1	-25561.9
-26.82		6051	-50441.2	-68741.5	-12568.6	-44158.9	-75023.8
-20.98		5984	-10820.3	-68265.8	-24901.7	-1316.1	-77504.1

		NODE	Vxx	Vyy
Max	Cent		35.8	102.9
	5952		24.9	158.2
	5916		-0.4	155.6
	6051		88.4	155.2
	5984		71.7	142.7
Min	Cent		-4.5	-4.5
	5952		-40.7	-22.0
	5916		-18.8	-15.9
	6051		-6.6	-15.4
	5984		-2.2	-26.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
35.84	INV TO~2	Max	Cent	21.4	-15.9	77.7	77.5	-61.4
27.86			5952	24.4	-48.6	53.6	52.8	-61.9
-43.34			5916	31.1	36.9	87.8	113.9	-29.5
35.38			6051	114.1	58.0	128.2	205.2	24.8
29.65			5984	35.4	-44.1	66.9	73.5	-74.5
-7.48		Min	Cent	-9.4	-217.7	-53.4	1.5	-221.5
-14.19			5952	-64.4	-319.2	-93.2	-41.9	-349.6
-17.46			5916	-34.1	-185.2	-97.1	-16.6	-201.9
-11.01			6051	-28.7	-185.9	-45.5	-20.5	-192.2
-6.24			5984	-41.5	-342.9	-35.7	-37.9	-346.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.14	Max	Cent	2245.0	4270.9	13756.3	16808.2	-3269.2
80.02		5952	6932.1	72676.9	12277.7	74775.9	4833.0
		5916	7386.1	18882.9	12030.5	26308.7	-39.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

57.94							
		6051	4818.4	5648.1	15616.8	20714.2	-6106.9
45.77							
		5984	11103.7	6569.0	8955.2	17803.9	-569.0
38.56							
	Min	Cent	-17739.1	-22045.3	-15161.0	-4820.6	-34963.8
-40.89							
		5952	-8885.9	-21829.1	-13620.1	-588.3	-30126.7
-32.01							
		5916	-21705.0	-9962.0	-7933.3	-6105.1	-25561.9
-63.56							
		6051	-50441.2	-68741.5	-12568.6	-44158.9	-75023.8
-26.82							
		5984	-10820.3	-68265.8	-24901.7	-1316.1	-77504.1
-20.98							

	NODE	Vxx	Vyy
Max	Cent	35.8	102.9
	5952	24.9	158.2
	5916	-0.4	155.6
	6051	88.4	155.2
	5984	71.7	142.7
Min	Cent	-4.5	-4.5
	5952	-40.7	-22.0
	5916	-18.8	-15.9
	6051	-6.6	-15.4
	5984	-2.2	-26.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3588	2	14	c mob-a	Max	Cent	6.2	68.7	63.1	107.9	-33.0
					5915	4.8	33.2	41.8	63.2	-25.1
					5880	16.3	98.0	76.8	144.2	-29.9
					5881	42.9	125.3	87.1	180.4	-12.2
					5916	24.6	55.1	51.4	93.4	-13.7
				Min	Cent	-44.5	-28.2	-49.5	13.8	-86.5
					5915	-90.9	-53.2	-59.6	-9.5	-134.6
					5880	-75.3	-22.6	-65.9	22.0	-119.9
					5881	-20.0	-21.7	-39.6	18.7	-60.4
					5916	-42.6	-51.9	-35.8	-11.2	-83.4

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	4269.4	12512.4	5328.5	15127.3	1654.5
		5915	12961.2	26703.2	2243.1	27060.1	12604.4
		5880	10170.8	37136.7	3814.2	37665.8	9641.7
		5881	4292.9	11322.1	8083.2	16621.7	-1006.7
		5916	2393.0	3208.8	6335.2	9149.2	-3547.4

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	Company		Client	
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-52.14	Min	Cent	-3334.1	-1255.2	-4084.8	1920.4	-6509.6
-71.95		5915	-8066.5	-716.8	-2679.6	156.4	-8939.7
-44.23		5880	-3679.8	-3905.1	-4165.8	374.8	-7959.8
-35.81		5881	-1457.5	-5498.6	-6080.5	2929.4	-9885.5
-67.49		5916	-11966.8	-3674.2	-4148.3	-1955.3	-13685.6

	NODE	Vxx	Vyy
Max	Cent	8.0	35.1
	5915	14.4	27.8
	5880	14.3	50.6
	5881	3.0	50.8
	5916	3.0	27.1
Min	Cent	-9.8	-3.0
	5915	-10.3	-2.3
	5880	-12.1	-4.3
	5881	-14.8	-4.3
	5916	-14.5	-2.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
53.74	c mob-b	Max	Cent	9.0	83.5	118.4	170.4	-77.9
51.16		5915	8.3	46.4	87.1	116.5	-61.8	
52.33		5880	24.4	100.6	145.7	213.1	-88.1	
51.71		5881	64.7	137.3	152.2	257.5	-55.5	
50.75		5916	47.9	86.6	95.3	164.5	-30.0	
-41.17		Min	Cent	-54.2	-66.6	-46.3	-13.7	-107.1
-51.89		5915	-124.6	-96.5	-57.4	-51.5	-169.6	
-61.64		5880	-123.8	-43.1	-61.5	-9.9	-156.9	
-35.17		5881	-21.4	-47.0	-35.7	3.7	-72.1	
-25.17		5916	-39.6	-97.1	-34.7	-23.3	-113.4	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.02	Max	Cent	6339.5	31988.9	5170.2	5336.6
79.26		5915	19068.9	29079.8	1969.0	18695.5
86.60		5880	11527.7	61520.0	2981.9	11350.5
72.00		5881	21780.5	58295.9	13267.9	17468.8
43.64		5916	4900.1	3923.5	10311.4	-5911.1
-47.09	Min	Cent	-4386.5	-3696.1	-4726.8	-8780.7
-64.80		5915	-12681.6	-1141.2	-6976.2	-15964.7
		5880	-5075.6	-3876.9	-8974.0	-13470.2

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	Company		Client	
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-46.91							
		5881	-5968.4	-10685.6	-4360.0	-3369.9	-13284.1
-30.79							
		5916	-21912.7	-6422.0	-2276.9	-6094.2	-22240.5
-81.81							

	NODE	Vxx	Vyy
Max	Cent	13.0	26.6
	5915	20.8	35.9
	5880	21.9	40.8
	5881	8.8	41.1
	5916	8.5	35.0
Min	Cent	-17.2	-4.9
	5915	-13.2	-3.9
	5880	-12.2	-20.6
	5881	-27.7	-20.2
	5916	-27.3	-3.9

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	-64.8	151.6	37.8	158.0	-71.2
80.38		5915	-182.0	-0.7	-32.7	5.0	-187.7
-80.09		5880	-115.0	259.0	31.5	261.7	-117.6
85.22		5881	61.1	303.6	111.8	347.3	17.4
68.66		5916	-23.9	55.0	41.7	72.9	-41.8
66.72							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE						

	Cent	-63.3	1305.9	-369.7	1399.3	-156.7
-75.82	5915	667.4	2663.6	-453.1	2761.6	569.4
-77.79	5880	454.7	3780.0	-483.4	3848.8	385.9
-81.89	5881	-859.3	-735.9	-358.6	-433.7	-1161.5
-49.88	5916	-548.6	-461.2	-263.9	-237.4	-772.4
-49.70						

	NODE	Vxx	Vyy
	Cent	0.5	4.7
	5915	0.5	3.5
	5880	0.3	5.9
	5881	0.6	5.9
	5916	0.5	3.5

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-0.6	-0.5	0.1	-0.4	-0.7
47.71		5915	-1.1	-1.2	-0.2	-1.0	-1.4
-36.64		5880	-0.8	-0.1	0.1	-0.0	-0.8
82.11							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.83		5881	0.0	0.2	0.5	0.6	-0.4
11.92		5916	-0.4	-1.0	0.1	-0.3	-1.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-15.3	-47.0	-13.4	-10.4	-52.0
-20.11		5915	-6.9	-7.1	-11.3	4.3	-18.3
-44.76		5880	13.6	-8.7	-16.3	22.3	-17.3
-27.81		5881	-2.0	-66.5	-15.5	1.5	-70.1
-12.83		5916	-66.7	-106.6	-7.5	-65.3	-108.0
-10.27							
		NODE	Vxx	Vyy			

		Cent	-0.0	0.1			
		5915	-0.0	0.1			
		5880	-0.0	0.1			
		5881	-0.1	0.1			
		5916	-0.1	0.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	22.5	-23.0	49.7	54.4	-54.9
32.69		5915	19.0	-8.1	50.9	58.1	-47.2
37.53		5880	6.9	-44.4	59.4	46.0	-83.4
33.32		5881	27.3	-37.2	47.9	52.8	-62.6
28.03		5916	36.0	-4.2	41.3	61.9	-30.0
32.04							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-711.5	-522.7	22.8	-520.0	-714.2
83.22		5915	-990.2	230.9	-131.7	244.9	-1004.2
-83.92		5880	432.3	1667.2	-85.6	1673.1	426.4
-86.05		5881	115.9	-1272.5	135.1	129.0	-1285.5
5.50		5916	-2438.5	-2722.5	205.8	-2330.5	-2830.5
27.70							
		NODE	Vxx	Vyy			

		Cent	-1.8	3.6			
		5915	-1.4	3.2			
		5880	-1.5	4.1			
		5881	-2.2	4.2			
		5916	-2.2	3.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

	perm	Cent					
65.37		5915	-21.0	57.4	45.6	78.3	-41.9
77.88		5880	-71.2	11.9	18.7	15.9	-75.2
71.01		5881	-56.7	78.6	52.8	96.8	-74.9
57.76		5881	33.8	103.6	73.2	149.8	-12.3
55.36		5916	8.8	38.1	38.7	64.8	-17.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
83.62	Cent	-75.0	670.4	84.4	679.8	-84.5
89.80	5915	351.2	1574.4	4.3	1574.4	351.2
-88.59	5880	852.7	3582.5	-67.1	3584.2	851.0
-0.70	5881	-1653.3	-2091.5	-5.3	-1653.2	-2091.5
13.62	5916	118.2	-363.4	124.0	148.3	-393.5

NODE	Vxx	Vyy
Cent	0.8	4.7
5915	-0.0	2.4
5880	-0.3	7.1
5881	1.8	7.1
5916	1.5	2.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.33	INV TO~1 Max	Cent	13.6	170.2	255.1	344.1	-93.2
53.00		5915	-40.9	74.5	187.2	207.5	-144.7
53.42		5880	-16.9	214.5	308.9	399.3	-181.2
49.50		5881	148.4	289.0	326.5	530.7	-4.0
47.83		5916	109.5	155.0	208.7	339.8	-58.0
52.90	Min	Cent	-94.2	-55.5	-21.3	-34.0	-183.4
-83.43		5915	-239.4	-126.5	-61.8	-125.2	-265.4
83.22		5880	-223.8	-23.9	-36.1	-21.1	-246.2
65.93		5881	4.9	3.1	19.7	49.0	-130.4
-11.78		5916	-48.7	-97.2	-9.7	-46.6	-107.8

ANGLE

	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
78.82		Cent	8483.4	43855.4	7300.7	45294.3	7044.5

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

80.01		5915	26094.2	41063.1	3032.6	41574.0	25494.6
86.02		5880	16847.4	88301.7	5082.0	88649.4	16499.8
71.88		5881	27866.4	76608.1	18041.4	82467.9	21890.6
43.17		5916	6733.4	4933.3	14250.2	19906.6	-8239.9
-49.23	Min	Cent	-6708.3	-4842.0	-6296.7	567.8	-12118.2
-65.87		5915	-17759.2	33.8	-9545.1	4249.7	-21874.5
-50.02		5880	-5999.4	-1689.3	-12267.6	8526.8	-16215.5
-31.55		5881	-9710.7	-17789.5	-8214.1	-4633.5	-22750.7
-76.19		5916	-31902.4	-11755.6	-5476.2	-10460.2	-33197.9

	NODE	Vxx	Vyy
Max	Cent	18.4	55.7
	5915	28.1	53.9
	5880	29.2	79.6
	5881	13.7	79.8
	5916	13.0	52.7
Min	Cent	-24.2	-1.9
	5915	-19.2	-2.9
	5880	-18.2	-20.6
	5881	-37.7	-20.2
	5916	-37.5	-2.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.33	INV TO~2	Max	Cent	13.6	204.6	255.1	344.1	-93.2
53.00			5915	-40.9	74.5	187.2	207.5	-144.7
53.42			5880	-16.9	349.7	308.9	399.3	-158.8
49.50			5881	148.4	409.9	326.5	530.7	23.5
47.83			5916	109.5	155.0	208.7	339.8	-56.5
52.90		Min	Cent	-94.2	-55.5	-21.3	-34.0	-183.4
-83.43			5915	-245.7	-126.5	-61.8	-125.2	-265.4
83.22			5880	-223.8	-23.9	-36.1	-21.1	-246.2
65.93			5881	4.9	3.1	19.7	49.0	-130.4
-11.78			5916	-48.7	-97.2	-9.7	-46.6	-107.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
78.82	Max	Cent	8483.4	43855.4	7300.7	45294.3	7044.5	
80.01			5915	26094.2	41063.1	3032.6	41574.0	25494.6
86.02			5880	16847.4	88301.7	5082.0	88649.4	16499.8
			5881	27866.4	76608.1	18041.4	82467.9	21890.6

PROJECT TITLE :

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71.88								
43.17			5916	6733.4	4933.3	14250.2	19906.6	-1042.8
-49.23		Min	Cent	-6708.3	-4842.0	-6296.7	567.8	-12118.2
-77.79			5915	-17759.2	33.8	-9545.1	3728.2	-21874.5
-81.89			5880	-5999.4	-1689.3	-12267.6	5195.9	-16215.5
-31.55			5881	-9710.7	-17789.5	-8214.1	-4633.5	-22750.7
-76.19			5916	-31902.4	-11755.6	-5476.2	-10460.2	-33197.9

	NODE	Vxx	Vyy
Max	Cent	18.4	55.7
	5915	28.1	53.9
	5880	29.2	79.6
	5881	13.7	79.8
	5916	13.0	52.7
Min	Cent	-24.2	-1.9
	5915	-19.2	-2.9
	5880	-18.2	-20.6
	5881	-37.7	-20.2
	5916	-37.5	-2.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3589	2	14	c mob-a	Max	Cent	48.7	44.9	25.0	71.9	21.7
42.78					5952	48.7	44.9	25.0	71.9	21.7
42.78					5915	48.7	44.9	25.0	71.9	21.7
42.78					5916	48.7	44.9	25.0	71.9	21.7
42.78				Min	Cent	-18.7	-92.1	-24.0	-11.5	-99.3
-16.59					5952	-18.7	-92.1	-24.0	-11.5	-99.3
-16.59					5915	-18.7	-92.1	-24.0	-11.5	-99.3
-16.59					5916	-18.7	-92.1	-24.0	-11.5	-99.3

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	2809.5	8673.9	1115.0	8878.8	2604.7	
79.59		5952	506.4	7611.3	2065.1	8167.9	-50.2	
74.91		5915	10829.6	17949.4	289.8	17961.2	10817.8	
87.67		5916	2219.1	2867.0	1938.8	4508.8	577.3	
49.74		Min	Cent	-4178.8	-998.0	-8762.5	6317.3	-11494.0
-50.14			5952	-4151.6	-1544.2	-10670.1	7901.5	-13597.3
-48.48			5915	-5352.4	-1008.3	-10810.5	7846.2	-14206.9
-50.68			5916	-7230.3	-3050.9	-5524.7	766.1	-11047.3
-55.36								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	2.4	16.1
	5952	6.2	12.6
	5915	6.2	30.8
	5916	2.9	19.7
Min	Cent	-9.5	-2.5
	5952	-9.8	-14.2
	5915	-9.8	-3.0
	5916	-21.9	-2.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
57.10	c mob-b	Max	Cent	46.0	86.6	45.1	115.8	16.8
57.10			5952	46.0	86.6	45.1	115.8	16.8
57.10			5915	46.0	86.6	45.1	115.8	16.8
57.10			5916	46.0	86.6	45.1	115.8	16.8
-19.75		Min	Cent	-45.5	-102.8	-23.6	-37.0	-111.3
-19.75			5952	-45.5	-102.8	-23.6	-37.0	-111.3
-19.75			5915	-45.5	-102.8	-23.6	-37.0	-111.3
-19.75			5916	-45.5	-102.8	-23.6	-37.0	-111.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
83.06	Max	Cent	5121.0	14908.8	1209.8	4973.7	
82.56		5952	1239.9	16667.1	2048.7	972.5	
86.33		5915	16825.5	29191.1	795.4	16774.5	
46.54		5916	3315.8	3629.8	2918.4	550.2	
-63.47		Min	Cent	-8433.4	-1956.3	-4307.2	-10583.8
-62.50			5952	-6281.3	-2967.5	-2365.9	-7512.7
-58.14			5915	-7410.0	-1149.7	-6338.2	-11348.8
-72.04			5916	-16841.2	-4107.4	-4613.2	-18336.8

	NODE	Vxx	Vyy
Max	Cent	4.8	30.0
	5952	5.8	27.7
	5915	5.8	33.6
	5916	5.1	30.8
Min	Cent	-15.4	-3.9
	5952	-14.4	-6.9
	5915	-14.4	-4.7
	5916	-19.6	-4.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-------	----	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
-8.21          pp          Cent          66.8          -104.6          -25.3          70.5          -108.2
-8.21          5952          66.8          -104.6          -25.3          70.5          -108.2
-8.21          5915          66.8          -104.6          -25.3          70.5          -108.2
-8.21          5916          66.8          -104.6          -25.3          70.5          -108.2

```

```

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----

```

```

-44.17          Cent          367.2          323.3          -756.8          1102.4          -411.9
-38.88          5952          139.2          -305.8          -1026.4          966.9          -1133.5
-56.03          5915          950.3          1860.1          -1123.0          2616.8          193.6
-11.05          5916          12.2          -584.6          -121.2          35.9          -608.2

```

```

          NODE          Vxx          Vyy
-----
          Cent          -1.2          1.6
          5952          -0.1          -1.3
          5915          -0.1          4.0
          5916          -3.3          2.2

```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----

```

```

12.78          vento -y          Cent          0.1          -1.1          0.3          0.1          -1.2
12.78          5952          0.1          -1.1          0.3          0.1          -1.2
12.78          5915          0.1          -1.1          0.3          0.1          -1.2
12.78          5916          0.1          -1.1          0.3          0.1          -1.2

```

```

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----

```

```

22.83          Cent          -25.8          -42.8          8.7          -22.2          -46.5
22.90          5952          5.2          -20.0          12.9          10.6          -25.5
-76.87          5915          -20.9          -10.4          -2.6          -9.8          -21.5
20.46          5916          -61.7          -98.0          15.7          -55.9          -103.9

```

```

          NODE          Vxx          Vyy
-----
          Cent          0.0          0.1
          5952          0.0          0.0
          5915          0.0          0.1
          5916          -0.0          0.1

```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
72.85          cedime~1      Cent      -36.1      42.1      26.7      50.3      -44.3
72.85          5952         -36.1      42.1      26.7      50.3      -44.3
72.85          5915         -36.1      42.1      26.7      50.3      -44.3
72.85          5916         -36.1      42.1      26.7      50.3      -44.3

```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----

```

```

78.21          Cent      -1096.4   -591.8     110.1     -568.9   -1119.4
58.53          5952         -21.7     309.9     324.6     508.6    -220.4
-79.55         5915         -908.1    394.6    -248.7     440.5    -953.9
38.33          5916        -2359.5  -2480.0    254.3    -2158.5  -2681.1

```

```

          NODE      Vxx      Vyy
-----
          Cent         0.3         3.1
          5952         0.8         1.8
          5915         0.8         4.1
          5916        -0.6         3.4

```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----

```

```

-21.19         perm      Cent         3.4      -0.6     -1.8         4.1      -1.3
-21.19         5952         3.4      -0.6     -1.8         4.1      -1.3
-21.19         5915         3.4      -0.6     -1.8         4.1      -1.3
-21.19         5916         3.4      -0.6     -1.8         4.1      -1.3

```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----

```

```

-50.15          Cent      139.2     247.5    -297.5     495.8    -109.0
-38.04          5952         -8.7    -280.1    -547.8     420.0    -708.8
-64.04          5915         451.7    1312.3    -549.2    1579.7     184.3
28.55           5916        -25.3    -289.7     204.5      86.0    -401.0

```

```

          NODE      Vxx      Vyy
-----
          Cent        -0.8         0.9
          5952         0.0        -1.4
          5915         0.0         2.8
          5916        -2.5         1.4

```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

63.07	INV TO~1	Max	Cent	69.2	158.3	85.8	201.9	29.1
63.07			5952	69.2	158.3	85.8	201.9	29.1
63.07			5915	69.2	158.3	85.8	201.9	29.1
63.07			5916	69.2	158.3	85.8	201.9	29.1
-39.17		Min	Cent	-94.1	-139.3	-34.3	-88.0	-151.9
-39.17			5952	-94.1	-139.3	-34.3	-88.0	-151.9
-39.17			5915	-94.1	-139.3	-34.3	-88.0	-151.9
-39.17			5916	-94.1	-139.3	-34.3	-88.0	-151.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.33		Max	Cent	7052.6	20374.3	1445.8	20506.9	6920.0
83.10			5952	1665.2	22530.4	2564.7	22840.7	1423.9
89.16			5915	23166.1	41114.9	524.6	41118.9	23150.4
45.55			5916	4451.0	4610.5	4398.5	8675.8	385.7
-55.64		Min	Cent	-12342.3	-2985.4	-12126.9	5231.6	-20559.3
-49.40			5952	-8510.1	-4286.2	-14952.4	8559.2	-21486.6
-53.55			5915	-10459.8	-239.9	-15392.1	10947.2	-21433.9
-70.10			5916	-25120.5	-8314.7	-7253.9	-5781.3	-27653.9

		NODE	Vxx	Vyy
Max	Cent		5.9	44.5
	5952		9.2	37.7
	5915		9.2	52.4
	5916		4.4	46.3
Min	Cent		-21.6	-4.3
	5952		-19.4	-20.6
	5915		-19.4	-3.6
	5916		-32.7	-4.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.07	INV TO~2	Max	Cent	90.2	158.3	85.8	201.9	29.1
63.07			5952	90.2	158.3	85.8	201.9	29.1
63.07			5915	90.2	158.3	85.8	201.9	29.1
63.07			5916	90.2	158.3	85.8	201.9	29.1
-39.17		Min	Cent	-94.1	-141.2	-34.3	-88.0	-151.9
-39.17			5952	-94.1	-141.2	-34.3	-88.0	-151.9
-39.17			5915	-94.1	-141.2	-34.3	-88.0	-151.9
-39.17			5916	-94.1	-141.2	-34.3	-88.0	-151.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-39.17

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

84.33	Max	Cent	7052.6	20374.3	1445.8	20506.9	6920.0
83.10		5952	1665.2	22530.4	2564.7	22840.7	1423.9
89.16		5915	23166.1	41114.9	524.6	41118.9	23150.4
45.55		5916	4451.0	4610.5	4398.5	8675.8	385.7
-44.17	Min	Cent	-12342.3	-2985.4	-12126.9	1488.3	-20559.3
-38.88		5952	-8510.1	-4286.2	-14952.4	1305.3	-21486.6
-56.03		5915	-10459.8	-239.9	-15392.1	3532.7	-21433.9
-70.10		5916	-25120.5	-8314.7	-7253.9	-5781.3	-27653.9

		NODE	Vxx	Vyy
Max	Cent	5952	5.9	44.5
		5915	9.2	37.7
		5916	9.2	52.4
Min	Cent	5916	4.4	46.3
		5952	-21.6	-4.3
		5915	-19.4	-20.6
		5916	-19.4	-3.6
		5916	-32.7	-4.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
------	-----	-----	----	------	-----	-----	-----	------	------

3614	2	14	c mob-a	Max	Cent	75.6	49.9	19.6	86.2	39.3
28.37					5953	78.8	44.5	13.1	83.2	40.1
18.63					5917	182.1	90.6	16.1	184.9	87.8
9.71					5915	55.9	93.4	54.8	132.6	16.7
54.43					5952	8.8	46.7	63.3	93.8	-38.3
53.32				Min	Cent	-21.4	-145.9	-14.7	-19.7	-147.6
-6.66					5953	-27.7	-280.0	-27.4	-24.8	-283.0
-6.13					5917	-36.5	-41.0	-86.3	47.6	-125.1
-44.25					5915	-14.0	-45.6	-11.0	-10.6	-49.0
-17.41					5952	-29.3	-251.8	-14.0	-28.4	-252.7

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

83.37	Max	Cent	6069.3	19517.6	1584.2	19701.7	5885.2
68.82		5953	3835.8	15406.6	5273.8	17449.7	1792.8
		5917	15600.8	16814.5	6707.7	22942.7	9472.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

47.58			5915	10657.7	19841.8	598.1	19880.6	10618.9
86.29			5952	6984.4	38622.2	1195.0	38667.3	6939.3
87.84								
-54.39	Min	Cent		-4337.0	-1667.0	-3923.8	1142.7	-7146.7
-47.19			5953	-3376.9	-2963.3	-2700.1	-462.1	-5878.1
-50.33			5917	-12439.5	-10240.4	-5846.8	-5390.6	-17289.3
-66.92			5915	-8841.2	-1202.3	-3976.5	491.9	-10535.4
-47.34			5952	-5021.2	-4387.7	-3872.1	-819.4	-8589.5

		NODE	Vxx	Vyy
Max	Cent		6.5	2.1
	5953		10.6	4.7
	5917		14.7	4.3
	5915		5.4	4.8
	5952		4.5	4.4
Min	Cent		-10.8	-15.3
	5953		-10.8	-20.4
	5917		-13.1	-20.3
	5915		-10.7	-21.6
	5952		-11.7	-21.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
59.05	c mob-b	Max	Cent	73.0	103.1	28.2	120.0	56.1
52.94			5953	79.0	92.9	24.5	111.4	60.5
33.09			5917	184.9	154.2	34.8	207.5	131.5
66.27			5915	54.1	154.1	54.5	178.0	30.2
59.11			5952	15.6	92.3	71.5	135.0	-27.2
-9.11		Min	Cent	-45.9	-163.0	-19.3	-42.8	-166.1
-7.53			5953	-53.9	-281.9	-30.7	-49.8	-285.9
-44.09			5917	-73.7	-79.4	-89.4	12.9	-166.0
-20.86			5915	-39.4	-81.5	-18.8	-32.2	-88.7
-5.44			5952	-49.7	-254.1	-19.7	-47.9	-255.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
73.02		Max	Cent	7171.4	12344.7	1741.6	12876.3	6639.8
31.81			5953	7520.1	5446.7	2089.6	8816.0	4150.8
38.69			5917	14083.7	13106.2	2184.1	15833.0	11356.9
85.85			5915	16692.0	33948.4	1257.8	34039.6	16600.8
85.94			5952	2208.5	16939.4	1051.6	17014.1	2133.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.48	Min	Cent	-5494.8	-2331.3	-8163.2	4402.0	-12228.1
-39.11		5953	-1654.7	-3981.3	-5574.5	2876.6	-8512.5
-34.86		5917	-9064.7	-17456.9	-11356.0	-1154.3	-25367.3
-57.10		5915	-8951.5	-1678.9	-8091.5	3555.9	-14186.2
-52.79		5952	-10695.1	-8164.6	-4536.7	-4720.0	-14139.7

	NODE	Vxx	Vyy
Max	Cent	8.6	4.8
	5953	15.3	8.6
	5917	23.0	5.6
	5915	3.0	6.1
	5952	7.4	9.0
Min	Cent	-12.6	-24.2
	5953	-9.9	-15.0
	5917	-10.4	-39.0
	5915	-20.4	-41.4
	5952	-17.7	-18.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.12	pp	Cent	155.7	-244.1	14.8	156.3	-244.7
-3.87		5953	150.1	-638.0	-53.5	153.7	-641.6
-27.88		5917	439.0	161.2	-204.1	547.0	53.2
46.79		5915	117.8	133.4	125.5	251.3	-0.1
16.53		5952	-43.1	-549.0	164.6	5.7	-597.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-58.09	Cent	249.4	1269.2	-1037.5	1915.4	-396.7
-56.59	5953	494.9	1313.0	-955.2	1943.1	-135.1
-52.42	5917	-258.7	269.0	-995.7	1035.3	-1025.0
-64.37	5915	608.3	2240.2	-1016.7	2727.8	120.6
-59.94	5952	156.7	1318.0	-1010.8	1903.0	-428.4

	NODE	Vxx	Vyy
	Cent	0.2	-0.9
	5953	0.5	0.1
	5917	0.9	-1.8
	5915	-0.5	-1.9
	5952	-0.2	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	0.4	-1.6	0.0	0.4	-1.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.33							
-1.85		5953	0.5	-2.6	-0.1	0.5	-2.6
-16.27		5917	1.3	-0.5	-0.6	1.5	-0.7
14.45		5915	0.1	-0.7	0.2	0.2	-0.8
10.67		5952	-0.2	-2.4	0.4	-0.2	-2.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	7.8	25.6	-11.7	31.4	2.1
-63.65		5953	8.7	101.8	-27.8	109.5	1.0
-74.59		5917	45.7	89.3	-15.5	94.3	40.7
-72.32		5915	-19.3	-8.6	-3.9	-7.3	-20.6
-71.90		5952	-7.7	-78.3	-0.7	-7.7	-78.3
-0.56							

		NODE	Vxx	Vyy
		Cent	-0.0	0.1
		5953	-0.1	0.1
		5917	-0.1	0.1
		5915	0.0	0.1
		5952	0.1	0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

		Cent	-43.2	85.1	10.7	86.0	-44.0
85.27	cedime~1	5953	-49.5	152.2	19.5	154.0	-51.3
84.52		5917	-103.4	10.8	51.7	30.7	-123.4
68.91		5915	-26.7	21.7	-5.6	22.4	-27.3
-83.45		5952	-1.2	140.8	-17.6	143.0	-3.4
-83.03							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	132.7	812.0	-477.4	1058.2	-113.5
-62.72		5953	452.7	2657.6	-735.7	2880.5	229.7
-73.14		5917	1640.2	2065.6	-743.7	2626.5	1079.4
-52.98		5915	-989.6	650.1	-392.5	739.2	-1078.7
-77.21		5952	-606.9	-1992.1	-21.4	-606.6	-1992.4
-0.88							

		NODE	Vxx	Vyy
		Cent	-0.2	2.1
		5953	-2.0	3.0
		5917	-1.5	0.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			5915	1.0	0.7			
			5952	1.5	3.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	perm	Cent	30.3	-30.7	3.7	30.5	-31.0	
3.47		5953	26.1	-144.6	-17.0	27.8	-146.2	
-5.64		5917	107.9	84.4	-58.2	155.5	36.8	
-39.31		5915	22.9	78.7	36.6	96.8	4.8	
63.64		5952	-24.3	-117.5	46.0	-5.4	-136.4	
22.31								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	185.7	976.5	-466.5	1192.6	-30.4	
-65.14		5953	172.8	950.9	-432.6	1143.6	-19.9	
-65.98		5917	107.2	394.0	-430.7	704.5	-203.3	
-54.21		5915	298.0	1573.5	-475.5	1731.2	140.3	
-71.65		5952	168.7	1018.1	-447.3	1210.2	-23.4	
-66.76								
		NODE	Vxx	Vyy				
		Cent	-0.0	-0.6				
		5953	-0.1	-0.0				
		5917	0.1	-1.2				
		5915	-0.2	-1.2				
		5952	0.0	-0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	132.3	193.6	52.4	215.3	77.0
67.44			5953	132.7	133.0	35.5	151.5	64.7
62.52			5917	357.4	303.3	40.5	359.3	290.7
-9.54			5915	98.4	308.4	110.6	348.3	47.3
69.20			5952	-3.2	147.9	142.5	218.0	-74.5
60.70		Min	Cent	-74.8	-250.8	-22.3	-73.4	-253.0
-7.18			5953	-96.2	-525.1	-58.4	-90.8	-532.1
-7.85			5917	-95.1	-22.7	-178.9	80.3	-187.2
-54.05			5915	-56.9	-31.4	5.6	-19.6	-57.6
43.48			5952	-92.6	-460.5	1.8	-92.6	-461.5
0.47								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Max	Cent	9999.9	28137.2	1884.6	28245.8	9891.3
85.59		5953	10777.6	24407.5	6687.1	26640.3	8544.8
69.43		5917	22808.6	25159.2	8624.7	31952.0	16015.8
49.24		5915	22832.2	48053.9	1222.5	48080.1	22771.5
88.19		5952	9597.6	53158.1	1166.0	53189.3	9566.4
88.47	Min	Cent	-7232.3	-2170.8	-11964.2	7060.8	-16532.9
-51.21		5953	-4386.0	-4423.8	-8693.9	3553.2	-12363.1
-44.93		5917	-16686.2	-23172.8	-16505.1	-3837.9	-36021.0
-39.19		5915	-12776.1	-693.0	-11791.6	6437.2	-19810.0
-57.97		5952	-14876.6	-11996.3	-6593.2	-6687.8	-20185.1
-51.16							

	NODE	Vxx	Vyy
Max	Cent	11.6	7.9
	5953	20.6	14.5
	5917	31.2	6.9
	5915	8.1	7.7
	5952	11.6	15.8
Min	Cent	-17.3	-33.3
	5953	-16.8	-27.6
	5917	-19.0	-53.8
	5915	-27.7	-57.1
	5952	-23.9	-29.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
67.44	INV TO~2	Max	Cent	210.2	193.6	52.4	215.3	77.0
-3.87			5953	202.6	133.0	35.5	207.5	64.7
-27.88			5917	592.7	303.3	40.5	738.5	290.7
69.20			5915	159.0	308.4	169.4	348.3	47.3
60.70			5952	-3.2	147.9	222.2	218.0	-74.5
-7.18		Min	Cent	-74.8	-329.6	-22.3	-73.4	-330.3
-7.85			5953	-96.2	-861.3	-72.2	-90.8	-866.2
-54.05			5917	-95.1	-22.7	-275.6	80.3	-187.2
43.48			5915	-56.9	-31.4	5.6	-19.6	-57.6
0.47			5952	-92.6	-741.2	1.8	-92.6	-807.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
85.59	Max	Cent	9999.9	28137.2	1884.6	28245.8	9891.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

69.43		5953	10777.6	24407.5	6687.1	26640.3	8544.8
49.24		5917	22808.6	25159.2	8624.7	31952.0	16015.8
88.19		5915	22832.2	48053.9	1222.5	48080.1	22771.5
88.47		5952	9597.6	53158.1	1166.0	53189.3	9566.4
-58.09	Min	Cent	-7232.3	-2170.8	-11964.2	2585.8	-16532.9
-56.59		5953	-4386.0	-4423.8	-8693.9	2623.1	-12363.1
-39.19		5917	-16686.2	-23172.8	-16505.1	-3837.9	-36021.0
-64.37		5915	-12776.1	-693.0	-11791.6	3682.6	-19810.0
-51.16		5952	-14876.6	-11996.3	-6593.2	-6687.8	-20185.1

	NODE	Vxx	Vyy
Max	Cent	11.6	7.9
	5953	20.6	14.5
	5917	31.2	6.9
	5915	8.1	7.7
	5952	11.6	15.8
Min	Cent	-17.3	-33.3
	5953	-16.8	-27.6
	5917	-19.0	-53.8
	5915	-27.7	-57.1
	5952	-23.9	-29.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3621	2	14	c mob-a	Max	Cent	6.7	161.4	38.9	170.7	-2.5
76.65					5917	8.2	81.7	32.3	93.9	-3.9
69.34					5882	8.4	268.1	28.8	271.2	5.2
83.74					5880	21.4	254.6	69.7	273.8	2.1
74.56					5915	8.7	58.4	68.7	106.6	-39.5
54.94				Min	Cent	-78.2	-39.8	-39.0	-15.6	-102.4
-58.10					5917	-126.6	-41.3	-92.8	18.2	-186.0
-57.34					5882	-65.0	-52.5	-70.3	11.8	-129.3
-47.55					5880	-42.5	-49.7	-7.7	-37.6	-54.6
-32.53					5915	-99.6	-62.4	-14.7	-57.3	-104.8
-70.78										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	7401.3	16033.4	3512.7	17282.2	6152.5
70.43					5917	14851.6	16339.2	4352.8	20011.3	11179.5
49.85					5882	10029.5	17950.9	3030.5	18977.3	9003.1
71.29					5880	6530.8	15472.5	3392.2	16613.7	5389.5

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	Company		Client	
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71.41			5915	13326.1	23661.7	4080.1	25078.3	11909.6
70.85								
-56.70	Min	Cent		-5411.9	-2426.2	-3448.6	-161.2	-7677.0
-51.51			5917	-10081.3	-7253.4	-6115.4	-2390.6	-14944.1
-59.00			5882	-10417.7	-5315.6	-4798.4	-2432.3	-13301.0
-63.85			5880	-6720.7	-1644.8	-3284.3	-32.1	-8333.4
-64.89			5915	-6695.4	-1605.9	-3055.7	-174.1	-8127.2

	NODE	Vxx	Vyy
Max	Cent	14.4	1.9
	5917	14.1	3.8
	5882	13.5	9.3
	5880	16.2	9.6
	5915	15.4	3.1
Min	Cent	-10.7	-10.7
	5917	-12.8	-22.1
	5882	-12.9	-12.5
	5880	-10.6	-13.6
	5915	-9.2	-21.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
68.75	c mob-b	Max	Cent	13.0	173.9	73.7	202.5	-15.6
62.55			5917	22.8	126.3	73.6	164.5	-15.4
77.68			5882	12.9	285.4	62.5	299.1	-0.7
72.62			5880	22.9	271.7	86.3	298.7	-4.1
57.01			5915	13.9	99.2	95.7	161.3	-48.1
-47.53		Min	Cent	-93.4	-86.9	-36.2	-53.8	-126.5
-53.02			5917	-131.4	-80.4	-88.7	-13.6	-198.2
-38.28			5882	-73.6	-105.0	-65.7	-21.8	-156.9
-23.42			5880	-80.6	-102.0	-11.4	-75.6	-106.9
-66.57			5915	-120.9	-96.2	-13.2	-90.5	-126.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
77.86	Max	Cent	8346.2	17885.9	2152.3	18349.0	7883.1	
34.23			5917	14437.8	12732.8	2160.1	15907.6	11263.1
72.26			5882	9197.7	17126.8	2825.7	18030.7	8293.7
79.13			5880	6866.8	18979.3	2414.1	19442.7	6403.4
84.72			5915	19800.0	42757.6	2138.3	42955.0	19602.6
-56.92	Min	Cent	-9416.9	-1278.0	-9213.2	4724.4	-15419.3	

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-47.21	5917	-12784.3	-11034.7	-11298.5	-577.2	-23241.8
-54.30	5882	-14552.5	-7370.3	-10670.1	296.8	-22219.6
-60.14	5880	-13397.7	-1629.3	-10080.4	4158.6	-19185.6
-50.88	5915	-6002.9	-2943.5	-7352.4	3036.7	-11983.1

	NODE	Vxx	Vyy
Max	Cent	17.9	4.6
	5917	14.4	5.9
	5882	16.1	8.9
	5880	23.3	9.8
	5915	23.6	6.8
Min	Cent	-12.6	-26.5
	5917	-15.4	-43.2
	5882	-14.0	-17.7
	5880	-12.4	-19.2
	5915	-11.0	-44.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
87.72	pp	Cent	-153.9	387.0	21.6	387.8	-154.8
-75.45		5917	-276.5	138.3	-115.4	168.3	-306.4
-84.96		5882	-101.2	703.5	-71.6	709.8	-107.6
78.28		5880	-25.4	668.4	150.5	699.6	-56.6
65.17		5915	-217.4	7.7	132.5	69.0	-278.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-78.92	Cent	-248.1	1385.0	-332.4	1450.1	-313.2
-71.95	5917	-533.1	596.4	-412.0	730.7	-667.4
-84.20	5882	-1077.1	346.1	-146.1	361.0	-1092.0
-80.13	5880	-183.0	1715.0	-340.6	1774.3	-242.3
-77.01	5915	773.7	2917.5	-522.1	3037.9	653.3

	NODE	Vxx	Vyy
	Cent	0.6	-1.6
	5917	0.4	-2.1
	5882	0.5	-1.0
	5880	0.8	-1.1
	5915	0.8	-2.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-77.43	vento -y	Cent	-1.1	0.0	-0.3	0.1	-1.1
		5917	-1.6	-0.7	-0.7	-0.3	-1.9

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	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
81.60	perm	Cent	-52.3	133.3	28.0	137.5	-56.4	
-87.50		5917	-77.8	70.0	-6.5	70.2	-78.1	
89.69		5882	-32.5	218.3	1.4	218.3	-32.6	
76.20		5880	-24.7	205.5	60.2	220.2	-39.4	
65.98		5915	-76.0	31.5	59.8	58.1	-102.6	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-83.00		Cent	32.4	1095.7	-132.7	1112.0	16.1	
-70.39		5917	-10.2	553.8	-230.1	635.8	-92.1	
-88.02		5882	-527.2	672.8	-41.5	674.2	-528.6	
-84.15		5880	156.8	1262.4	-114.6	1274.1	145.1	
-82.51		5915	482.4	1914.2	-191.5	1939.4	457.2	
		NODE	Vxx	Vyy				
		Cent	0.4	-0.9				
		5917	0.5	-1.4				
		5882	0.6	-0.4				
		5880	0.2	-0.4				
		5915	0.2	-1.3				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
73.83	INV TO~1	Max	Cent	0.9	368.1	164.8	405.0	-70.9
61.21			5917	31.4	240.4	164.0	329.7	-58.8
82.25			5882	22.7	603.6	138.4	615.3	-16.1
74.01			5880	6.2	572.2	181.5	622.8	-44.4
58.29			5915	-24.2	183.8	207.9	312.2	-152.7
82.75		Min	Cent	-178.3	-44.4	-24.6	-42.8	-181.4
-69.30			5917	-255.2	-39.4	-131.7	-16.5	-317.4
-59.34			5882	-131.9	-49.5	-93.5	-25.3	-167.7
64.78			5880	-140.8	-59.0	44.8	-35.7	-164.1
75.24			5915	-239.2	-98.4	39.9	-87.9	-249.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

76.54		Max	Cent	11299.7	27338.1	4609.6	28332.2	9989.9
57.02				5917	20737.7	25025.2	5646.1	28142.9
78.12				5882	13012.6	28694.2	4049.7	29494.1
77.53				5880	9599.2	27761.4	4464.9	28695.2
82.13				5915	27212.4	60977.2	5316.6	61646.0
-56.33		Min	Cent	-12996.2	-2179.7	-13027.1	6192.8	-21079.0
-47.70				5917	-17268.9	-14343.0	-16324.3	-253.9
-55.33				5882	-21763.1	-9277.1	-14693.9	714.1
-60.87				5880	-17930.1	-958.1	-13965.3	6690.7
-53.90				5915	-9092.1	-2059.4	-10597.9	5318.0

		NODE	Vxx	Vyy
Max	Cent		25.5	7.1
		5917	23.1	6.6
		5882	25.6	15.1
		5880	31.6	16.2
		5915	32.1	8.7
Min	Cent		-16.6	-36.6
		5917	-20.3	-59.8
		5882	-18.3	-24.3
		5880	-17.9	-26.2
		5915	-15.8	-61.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

87.72	INV TO~2	Max	Cent	0.9	522.4	164.8	523.6	-70.9
61.21				5917	31.4	240.4	164.0	-58.8
-84.96				5882	22.7	949.7	138.4	958.2
78.28				5880	6.2	902.3	203.1	944.5
58.29				5915	-24.2	183.8	207.9	312.2
82.75		Min	Cent	-207.8	-44.4	-24.6	-42.8	-209.0
-69.30				5917	-373.2	-39.4	-155.8	-16.5
-59.34				5882	-136.7	-49.5	-96.6	-25.3
64.78				5880	-140.8	-59.0	44.8	-35.7
75.24				5915	-293.5	-98.4	39.9	-87.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

76.54		Max	Cent	11299.7	27338.1	4609.6	28332.2	9989.9
57.02				5917	20737.7	25025.2	5646.1	28142.9

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78.12			5882	13012.6	28694.2	4049.7	29494.1	11764.7
77.53			5880	9599.2	27761.4	4464.9	28695.2	8665.5
82.13			5915	27212.4	60977.2	5316.6	61646.0	26362.9
-78.92		Min	Cent	-12996.2	-2179.7	-13027.1	1957.7	-21079.0
-47.70			5917	-17268.9	-14343.0	-16324.3	-253.9	-31358.0
-84.20			5882	-21763.1	-9277.1	-14693.9	487.3	-30422.7
-80.13			5880	-17930.1	-958.1	-13965.3	2395.3	-25579.0
-77.01			5915	-9092.1	-2059.4	-10597.9	4101.1	-16300.4

	NODE	Vxx	Vyy
Max	Cent	25.5	7.1
	5917	23.1	6.6
	5882	25.6	15.1
	5880	31.6	16.2
Min	5915	32.1	8.7
	Cent	-16.6	-36.6
	5917	-20.3	-59.8
	5882	-18.3	-24.3
	5880	-17.9	-26.2
	5915	-15.8	-61.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
3642	2	24	c mob-a	Max	Cent	3.2	0.1	208.7	210.4	-207.0
44.79					4628	1.9	246.1	565.0	702.0	-454.0
51.10					4598	1.3	0.1	0.2	1.4	0.1
7.19					4597	5.5	1.6	0.7	5.6	1.5
10.40					4629	4.2	0.1	377.8	380.0	-375.7
44.85				Min	Cent	-856.9	-36.9	-0.8	-36.9	-856.9
-89.94					4628	-523.0	-1.0	-2.3	-1.0	-523.0
-89.75					4598	-366.6	-28.5	-36.0	-24.7	-370.4
-83.99					4597	-1403.2	-392.3	-176.7	-362.3	-1433.2
-80.36					4629	-1091.5	-12.7	-1.5	-12.7	-1091.5
-89.92										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	1374.2	2096.1	10433.0	12174.4	-8704.1
	4628	1281.0	4499.0	12008.3	15005.6	-9225.6
	4598	1193.2	1776.4	8892.0	10381.6	-7412.0
	4597	2111.2	1373.3	9495.7	11245.1	-7760.6
	4629	3065.0	4290.6	10707.1	14402.4	-7046.7

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46.64								
	Min	Cent	-5778.3	-10938.6	-3702.8	-3845.3	-12871.5	
-27.57			4628	-4334.9	-30153.1	-3880.8	-3764.2	-30723.8
-8.37			4598	-6093.8	-8716.6	-4287.7	-2921.4	-11889.0
-36.50			4597	-7693.0	-792.8	-3363.9	575.7	-9061.6
-67.86			4629	-9171.3	-6620.2	-4229.2	-3478.4	-12313.1
-53.39								

		NODE	Vxx	Vyy
Max	Cent		4.8	4.2
		4628	4.6	6.6
		4598	5.0	4.3
		4597	4.9	5.3
		4629	5.4	17.1
Min	Cent		-5.0	-21.5
		4628	-1.6	-24.9
		4598	-2.6	-14.1
		4597	-7.6	-15.1
		4629	-8.8	-44.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	2.3	0.1	225.0	226.2	-223.8
44.86			4628	1.4	268.6	611.1	760.5	-490.5
51.17			4598	1.0	0.1	0.1	1.0	0.1
6.63			4597	3.9	1.1	0.5	4.0	1.0
10.27			4629	3.0	0.2	408.1	409.7	-406.5
44.90		Min	Cent	-918.4	-39.3	-0.6	-39.3	-918.4
-89.96			4628	-559.9	-0.7	-1.6	-0.7	-559.9
-89.83			4598	-393.9	-31.2	-39.2	-27.0	-398.0
-83.91			4597	-1510.7	-425.6	-192.5	-392.5	-1543.9
-80.23			4629	-1172.2	-12.9	-1.1	-12.9	-1172.2
-89.95								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	2069.1	3296.9	12616.8	15314.7	-9948.8
46.39			4628	1855.7	8334.7	14131.3	19593.1	-9402.7
51.46			4598	1860.4	3283.2	11020.0	13614.8	-8471.2
46.85			4597	3793.1	1956.7	11394.5	14306.3	-8556.5
42.70			4629	4224.7	5641.5	13083.8	18036.1	-8169.9
46.55		Min	Cent	-7038.4	-13175.4	-5121.9	-4136.2	-16077.6
-29.54			4628	-5216.3	-36641.9	-5512.6	-4277.4	-37580.8
-9.67								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-37.57	4598	-7515.4	-10804.6	-6194.1	-2751.3	-15568.7
-66.27	4597	-9561.2	-973.1	-4681.0	1085.1	-11619.4
-53.54	4629	-11856.8	-8310.3	-5768.9	-4048.2	-16118.8

	NODE	Vxx	Vyy
Max	Cent	6.7	7.0
	4628	6.0	9.5
	4598	6.6	5.8
	4597	7.1	7.2
Min	4629	7.9	24.2
	Cent	-7.5	-26.3
	4628	-3.0	-29.5
	4598	-4.2	-17.8
	4597	-10.8	-18.9
4629	-12.4	-54.5	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.73	pp	Cent	-2157.7	-87.2	517.1	34.7	-2279.7
62.24		4628	-1314.2	623.3	1411.0	1366.1	-2057.0
-83.66		4598	-908.3	-69.2	-94.3	-58.7	-918.8
-80.29		4597	-3529.6	-982.3	-449.2	-905.4	-3606.5
72.67		4629	-2745.9	-23.0	941.1	270.6	-3039.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
33.60	Cent	-1403.2	-3721.0	2757.3	428.8	-5553.0
19.87	4628	-1156.5	-10353.7	3822.0	224.5	-11734.6
36.52	4598	-1184.8	-2355.6	1918.9	236.0	-3776.5
53.37	4597	-1489.6	72.7	2598.2	2004.6	-3421.5
46.65	4629	-1691.8	-1393.6	2585.4	1047.0	-4132.3

	NODE	Vxx	Vyy
	Cent	-0.0	-7.8
	4628	0.7	-9.4
	4598	0.4	-3.6
	4597	-0.4	-3.8
	4629	-0.7	-12.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.08	vento -y	Cent	76.3	2.8	-18.1	80.5	-1.4
-27.89		4628	45.5	-23.4	-50.6	72.3	-50.2
		4598	30.8	2.3	4.2	31.4	1.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.14		4597	126.3	35.6	17.2	129.5	32.5
10.38		4629	97.7	0.3	-33.5	108.1	-10.1
-17.25							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

37.67		Cent	-53.6	-91.6	72.7	2.5	-147.7
23.21		4628	-36.8	-235.1	104.2	7.9	-279.8
42.88		4598	-61.8	-69.3	50.3	-15.1	-116.0
56.91		4597	-62.0	-0.5	69.6	44.8	-107.3
48.56		4629	-52.0	-34.5	70.1	27.4	-113.8

	NODE	Vxx	Vyy
	Cent	0.0	-0.2
	4628	0.0	-0.2
	4598	0.0	-0.1
	4597	0.0	-0.1
	4629	-0.0	-0.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-13.06	cedime~1	Cent	183.6	6.9	-43.3	193.7	-3.1
-27.72		4628	111.2	-54.2	-120.1	174.2	-117.3
7.21		4598	76.4	5.6	9.1	77.6	4.4
10.02		4597	301.4	84.0	39.6	308.4	77.0
-17.20		4629	234.0	1.3	-79.7	258.7	-23.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-54.22		Cent	106.4	276.5	-255.2	460.5	-77.6
-67.60		4628	84.5	721.7	-316.4	852.1	-45.9
-52.80		4598	111.2	225.4	-204.4	380.6	-43.9
-36.54		4597	154.6	9.7	-238.3	331.2	-166.9
-45.70		4629	69.5	81.3	-238.1	313.6	-162.7

	NODE	Vxx	Vyy
	Cent	-0.1	0.5
	4628	-0.1	0.7
	4598	-0.1	0.3
	4597	-0.0	0.3
	4629	-0.0	0.7

PROJECT TITLE :

	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.74	perm	Cent	-687.1	-27.5	164.6	11.3	-725.9
62.22		4628	-417.6	199.8	450.1	436.9	-654.8
-83.52		4598	-288.2	-22.0	-30.6	-18.5	-291.7
-80.23		4597	-1125.4	-313.7	-144.1	-288.9	-1150.2
72.68		4629	-875.0	-6.8	300.0	86.8	-968.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
29.59		Cent	-245.6	-1210.2	808.4	213.4	-1669.3
18.08		4628	-228.2	-3481.7	1189.1	160.1	-3870.0
34.48		4598	-10.0	-384.2	486.6	324.2	-718.4
46.70		4597	69.1	169.0	841.5	962.1	-723.9
42.88		4629	-782.0	-902.1	808.3	-31.4	-1652.6
		NODE	Vxx	Vyy			
		Cent	-0.4	-2.5			
		4628	-0.0	-2.8			
		4598	-0.1	-0.8			
		4597	-0.7	-1.0			
		4629	-0.8	-4.8			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
59.70	INV TO~1 Max	Cent	-499.2	-20.4	468.3	228.0	-747.5
55.49		4628	-303.9	562.4	1275.1	1439.2	-1122.2
-83.79		4598	-209.9	-16.3	-21.3	-14.0	-212.3
-80.32		4597	-816.7	-227.6	-103.5	-210.0	-834.3
58.44		4629	-635.3	-5.2	850.9	516.1	-1153.3
84.98	Min	Cent	-1927.0	-80.6	120.2	-66.2	-1941.3
75.77		4628	-1173.5	144.2	327.0	227.1	-1306.4
-83.77		4598	-819.9	-64.1	-83.5	-55.0	-829.0
-80.23		4597	-3164.9	-888.3	-404.0	-818.8	-3234.5
84.39		4629	-2457.4	-24.2	218.3	-1.4	-2493.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	2654.0	3517.0	17841.0	20738.5	-14505.6

PROJECT TITLE :

	Company		Client	
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45.56							
		4628	2361.5	8491.8	20266.4	25610.8	-14757.5
49.37							
		4598	2612.8	4273.6	15363.6	18657.9	-11738.7
46.44							
		4597	5344.4	2820.3	16224.0	20267.8	-11953.1
42.90							
		4629	4990.9	6795.2	18471.5	24310.9	-12362.6
46.39							
	Min	Cent	-9747.5	-18997.0	-6361.5	-6712.3	-22032.1
-26.43							
		4628	-7270.2	-52948.2	-6569.3	-6429.7	-53788.8
-7.66							
		4598	-10155.8	-14970.4	-8079.9	-4327.9	-20809.5
-36.50							
		4597	-12838.5	-1144.6	-5716.2	1020.6	-15034.6
-68.43							
		4629	-16788.6	-12120.9	-7217.8	-7095.2	-21966.9
-54.24							

		NODE	Vxx	Vyy
	Max	Cent	8.6	7.5
		4628	8.1	10.7
		4598	8.8	7.4
		4597	8.8	9.0
		4629	9.9	28.6
	Min	Cent	-10.6	-38.0
		4628	-4.1	-42.7
		4598	-5.9	-24.9
		4597	-15.3	-26.5
		4629	-17.5	-78.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	-499.2	-20.4	698.1	228.0	-747.5
59.70								
			4628	-303.9	841.5	1904.9	1844.3	-1122.2
62.24								
			4598	-209.9	-16.3	-21.3	-14.0	-212.3
-83.79								
			4597	-816.7	-227.6	-103.5	-210.0	-834.3
-80.32								
			4629	-635.3	-5.2	1270.5	516.1	-1153.3
58.44								
	Min	Cent	-2912.9	-117.8	120.2	-66.2	-3077.5	
84.98								
			4628	-1774.1	144.2	327.0	227.1	-2777.0
75.77								
			4598	-1226.2	-93.4	-127.4	-79.2	-1240.3
-83.66								
			4597	-4765.0	-1326.1	-606.4	-1222.3	-4868.8
-80.29								
			4629	-3707.0	-31.1	218.3	-1.4	-4103.4
84.39								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	2654.0	3517.0	17841.0	20738.5	-7496.6
45.56								
			4628	2361.5	8491.8	20266.4	25610.8	-14757.5
49.37								
			4598	2612.8	4273.6	15363.6	18657.9	-5098.2
46.44								

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42.90			4597	5344.4	2820.3	16224.0	20267.8	-4619.0
46.39			4629	4990.9	6795.2	18471.5	24310.9	-5578.7
-26.43		Min	Cent	-9747.5	-18997.0	-6361.5	-6712.3	-22032.1
-7.66			4628	-7270.2	-52948.2	-6569.3	-6429.7	-53788.8
-36.50			4598	-10155.8	-14970.4	-8079.9	-4327.9	-20809.5
-68.43			4597	-12838.5	-1144.6	-5716.2	1020.6	-15034.6
-54.24			4629	-16788.6	-12120.9	-7217.8	-7095.2	-21966.9

	NODE	Vxx	Vyy
Max	Cent	8.6	7.5
	4628	8.1	10.7
	4598	8.8	7.4
	4597	8.8	9.0
	4629	9.9	28.6
Min	Cent	-10.6	-38.0
	4628	-4.1	-42.7
	4598	-5.9	-24.9
	4597	-15.3	-26.5
	4629	-17.5	-78.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3702	2	14	c mob-a	Max	Cent	16.9	184.4	43.2	194.9	6.5
76.35					5918	75.9	104.8	43.2	135.9	44.8
54.23					5883	75.9	278.4	43.2	287.2	67.1
78.44					5882	6.4	278.4	43.2	285.1	-0.3
81.19					5917	6.4	104.8	43.2	121.1	-9.9
69.35				Min	Cent	-43.6	-39.7	-50.7	9.1	-92.5
-46.10					5918	-59.8	-55.1	-50.7	-6.7	-108.3
-46.32					5883	-59.8	-73.2	-50.7	-15.3	-117.7
-41.26					5882	-81.7	-73.2	-50.7	-26.5	-128.4
-47.41					5917	-81.7	-55.1	-50.7	-16.0	-120.9
-52.33										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	1994.9	1485.5	5582.4	7328.5	-3848.0
43.69					5918	658.2	2150.5	4461.8	5928.2	-3119.4
49.75					5883	4424.9	6504.6	5379.2	10943.6	-14.0
50.47					5882	10580.6	18712.9	6582.8	22384.1	6909.4
60.85					5917	15438.1	18668.2	6032.1	23297.8	10808.5
52.49				Min	Cent	-8061.0	-19699.2	-8456.1	-3615.2	-24145.0

PROJECT TITLE :

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-27.73							
	5918	-16240.4	-47637.0	-4496.7	-15609.1	-48268.3	
-7.99							
	5883	-16398.1	-64661.2	-8721.1	-14870.5	-66188.7	
-9.93							
	5882	-10709.1	-6716.4	-11723.6	3179.6	-20605.1	
-49.83							
	5917	-11191.0	-9035.2	-7448.2	-2587.3	-17638.9	
-49.12							

	NODE	Vxx	Vyy
Max	Cent	7.1	7.8
	5918	3.0	5.3
	5883	3.0	20.2
	5882	14.1	20.2
	5917	14.1	5.3
Min	Cent	-11.6	-125.7
	5918	-12.1	-119.0
	5883	-12.1	-165.5
	5882	-12.4	-165.5
	5917	-12.4	-119.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	12.8	205.7	65.6	225.9	-7.4
72.89			5918	71.1	164.3	65.6	198.1	37.2
62.69			5883	71.1	305.1	65.6	322.2	53.9
75.36			5882	15.9	305.1	65.6	319.2	1.7
77.80			5917	15.9	164.3	65.6	189.1	-9.0
69.26		Min	Cent	-47.6	-85.3	-49.4	-13.6	-119.3
-34.54			5918	-71.6	-103.2	-49.4	-35.5	-139.2
-36.14			5883	-71.6	-151.4	-49.4	-48.0	-175.0
-25.53			5882	-93.6	-151.4	-49.4	-65.3	-179.7
-29.83			5917	-93.6	-103.2	-49.4	-48.8	-148.0
-42.23								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	2128.1	4070.2	5287.3	8474.9	-2276.6
50.20		5918	4251.9	7322.9	2768.4	8953.1	2621.6
59.51		5883	3742.4	7615.8	5091.9	11126.8	231.4
55.41		5882	9994.9	15023.8	6520.4	19497.7	5520.9
55.54		5917	15030.9	15471.7	4032.4	19289.7	11212.9
46.56	Min	Cent	-12551.1	-29607.0	-12478.5	-5964.9	-36193.3
-27.83		5918	-19548.9	-55374.6	-6976.0	-18238.5	-56685.0
-10.64		5883	-25677.0	-93203.3	-12061.3	-23587.3	-95293.0
-9.83							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.90		5882	-15131.2	-8072.9	-16895.2	5657.8	-28861.9
-45.17		5917	-11967.6	-11832.4	-11718.5	-181.4	-23618.7

	NODE	Vxx	Vyy
Max	Cent	10.8	7.7
	5918	6.1	13.1
	5883	6.1	14.6
	5882	15.8	14.6
	5917	15.8	13.1
Min	Cent	-12.2	-138.4
	5918	-12.6	-118.8
	5883	-12.6	-216.5
	5882	-13.9	-216.5
	5917	-13.9	-118.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.69	pp	Cent	5.9	430.5	9.7	430.8	5.6
14.01		5918	176.4	140.0	9.7	178.9	137.6
88.98		5883	176.4	721.0	9.7	721.2	176.3
89.37		5882	-164.7	721.0	9.7	721.2	-164.8
88.18		5917	-164.7	140.0	9.7	140.3	-165.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-29.76	Cent	-1260.0	-1410.9	-128.2	-1186.7	-1484.2
-1.62	5918	-1970.2	-2529.2	-15.8	-1969.8	-2529.7
-2.56	5883	-1603.2	-4231.4	-117.6	-1598.0	-4236.6
-78.13	5882	-1053.0	347.3	-307.9	412.0	-1117.7
-80.39	5917	-413.5	769.7	-206.1	804.6	-448.4

	NODE	Vxx	Vyy
	Cent	-0.2	-8.1
	5918	-1.0	-6.3
	5883	-1.0	-9.9
	5882	0.6	-9.9
	5917	0.6	-6.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-62.95	vento -y	Cent	-0.7	0.2	-0.6	0.5	-1.0
-36.28		5918	-0.2	-0.6	-0.6	0.3	-1.0
-66.60		5883	-0.2	1.0	-0.6	1.3	-0.4
		5882	-1.2	1.0	-0.6	1.2	-1.3

PROJECT TITLE :

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-75.21
-58.48

5917 -1.2 -0.6 -0.6 -0.2 -1.6
 NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent 26.9 98.6 8.1 99.5 26.0

83.66 5918 48.8 155.5 12.3 156.9 47.4

83.52 5883 23.3 102.6 12.3 104.5 21.4

81.38 5882 14.8 50.5 5.0 51.2 14.1

82.23 5917 20.8 85.9 4.9 86.3 20.4

85.68

NODE Vxx Vyy

Cent 0.0 0.1

5918 0.0 0.1

5883 0.0 0.1

5882 -0.0 0.1

5917 -0.0 0.1

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

26.48 cedime~1 Cent 14.6 -55.6 46.5 37.7 -78.7

56.17 5918 -18.8 19.4 46.5 50.6 -49.9

19.87 5883 -18.8 -130.6 46.5 -2.0 -147.4

13.75 5882 47.9 -130.6 46.5 59.3 -141.9

36.48 5917 47.9 19.4 46.5 82.3 -14.9

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

-69.84 Cent -15.0 2919.7 -1245.0 3376.7 -472.0

-76.44 5918 2964.0 6011.9 -780.4 6200.1 2775.8

-64.13 5883 -2283.3 -164.9 -1342.8 486.2 -2934.3

-74.57 5882 -1478.0 3734.8 -1557.0 4164.4 -1907.7

-62.18 5917 737.4 2096.9 -994.6 2621.9 212.4

NODE Vxx Vyy

Cent 3.3 -0.5

5918 3.7 7.3

5883 3.7 -8.2

5882 2.9 -8.2

5917 2.9 7.3

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	perm	Cent	-0.8	153.6	21.7	156.6	-3.8
82.14		5918	49.1	83.8	21.7	94.2	38.6
64.31		5883	49.1	223.3	21.7	226.0	46.4
83.00		5882	-50.7	223.3	21.7	225.1	-52.4
85.50		5917	-50.7	83.8	21.7	87.2	-54.1
81.05							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-514.3	-603.1	-136.8	-414.9	-702.5
-36.00		5918	-706.1	-1059.9	-14.4	-705.5	-1060.5
-2.33		5883	-861.3	-2611.1	-173.6	-844.3	-2628.1
-5.61		5882	-516.1	674.6	-290.1	741.6	-583.0
-77.01		5917	26.5	583.8	-130.9	613.0	-2.7
-77.42							
		NODE	Vxx	Vyy			

		Cent	0.1	-5.2			
		5918	-0.3	-3.2			
		5883	-0.3	-7.1			
		5882	0.6	-7.1			
		5917	0.6	-3.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~1	Max	Cent	36.7	431.3	156.8	459.2
75.84			5918	151.6	325.0	156.8	94.1
60.75			5883	151.6	635.2	156.8	127.6
77.74			5882	18.7	635.2	156.8	653.0
80.82			5917	18.7	325.0	156.8	391.0
67.16		Min	Cent	-65.0	-17.2	-46.8	-17.2
-89.50			5918	-66.3	-55.5	-46.8	-36.0
-89.45			5883	-66.3	-111.6	-46.8	-111.6
-0.37			5882	-177.0	-111.6	-46.8	-111.6
-89.05			5917	-177.0	-55.5	-46.8	-39.6
-71.21							
ANGLE			NODE	Mxx	Myy	Mxy	Mmax

		Max	Cent	2358.6	7811.3	7399.5	11811.8
56.98			5918	7997.9	14837.9	6009.1	17665.8
							-1656.9
							5170.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

61.59			5883	5112.3	7670.2	7088.3	13594.0	-811.5
50.11			5882	13767.8	29671.8	8596.6	32165.1	9796.4
70.50			5917	21605.3	27882.8	8012.5	32431.8	17056.3
57.05								
-27.88	Min	Cent		-17473.3	-40572.6	-18227.8	-8473.2	-49557.7
-10.58			5918	-27097.1	-75815.6	-10212.4	-25334.8	-77577.9
-10.70			5883	-37808.6	-128600.4	-17799.1	-34443.9	-131965.1
-51.53			5882	-22421.2	-10223.8	-24655.6	8128.7	-40365.7
-45.66			5917	-16129.8	-15390.0	-16945.5	195.3	-31715.0

	NODE	Vxx	Vyy
Max	Cent	18.0	5.4
	5918	11.6	21.8
	5883	11.6	20.1
	5882	24.9	20.1
	5917	24.9	21.8
Min	Cent	-16.4	-192.5
	5918	-17.3	-163.8
	5883	-17.3	-307.6
	5882	-18.1	-307.6
	5917	-18.1	-163.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
88.69	INV TO~2	Max	Cent	36.7	581.2	156.8	581.5	7.6
60.75			5918	238.2	325.0	156.8	412.8	185.8
88.98			5883	238.2	973.4	156.8	973.6	238.0
89.37			5882	18.7	973.4	156.8	973.6	-27.5
67.16			5917	18.7	325.0	156.8	391.0	-47.3
-89.50		Min	Cent	-65.0	-17.2	-46.8	-17.2	-83.0
-89.45			5918	-66.3	-55.5	-46.8	-36.0	-98.5
-0.37			5883	-66.3	-111.6	-46.8	-66.3	-111.6
-89.05			5882	-222.4	-111.6	-46.8	-111.6	-222.5
-71.21			5917	-222.4	-55.5	-46.8	-39.6	-222.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
56.98	Max	Cent	2358.6	7811.3	7399.5	11811.8	-1656.9
61.59		5918	7997.9	14837.9	6009.1	17665.8	5170.0
50.11		5883	5112.3	7670.2	7088.3	13594.0	-811.5
70.50		5882	13767.8	29671.8	8596.6	32165.1	9796.4

PROJECT TITLE :

	Company		Client	
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57.05			5917	21605.3	27882.8	8012.5	32431.8	17056.3
-27.88	Min	Cent		-17473.3	-40572.6	-18227.8	-8473.2	-49557.7
-10.58			5918	-27097.1	-75815.6	-10212.4	-25334.8	-77577.9
-10.70			5883	-37808.6	-128600.4	-17799.1	-34443.9	-131965.1
-78.13			5882	-22421.2	-10223.8	-24655.6	556.2	-40365.7
-45.66			5917	-16129.8	-15390.0	-16945.5	195.3	-31715.0

	NODE	Vxx	Vyy
Max	Cent	18.0	5.4
	5918	11.6	21.8
	5883	11.6	20.1
	5882	24.9	20.1
	5917	24.9	21.8
Min	Cent	-16.4	-192.5
	5918	-17.3	-163.8
	5883	-17.3	-307.6
	5882	-18.1	-307.6
	5917	-18.1	-163.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3703	2	14	c mob-a	Max	Cent	36.0	59.3	13.6	65.6	29.7
65.26					5954	4.3	63.0	13.6	66.0	1.3
77.54					5918	4.3	106.9	13.6	108.7	2.5
82.56					5917	82.3	106.9	13.6	113.0	76.2
66.07					5953	82.3	63.0	13.6	89.3	55.9
27.39				Min	Cent	-22.0	-170.0	-51.3	-6.0	-186.1
-17.36					5954	-42.7	-330.3	-51.3	-33.9	-339.1
-9.82					5918	-42.7	-50.5	-51.3	4.8	-98.0
-42.84					5917	-29.1	-50.5	-51.3	12.6	-92.2
-39.12					5953	-29.1	-330.3	-51.3	-20.6	-338.7
-9.40										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	1117.4	1838.7	10077.1	11561.6	-8605.6
	5954	471.9	7125.2	10849.7	15146.8	-7549.7
	5918	754.7	2143.5	4257.9	5763.3	-2865.0
	5917	15513.9	18748.6	8939.8	26216.2	8046.3
	5953	2485.7	17080.9	15550.5	26961.0	-7394.4
Min	Cent	-7335.9	-28458.9	-6317.5	-5590.6	-30204.2
	5954	-12011.3	-88959.6	-5689.0	-11593.0	-89377.9

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-4.21							
	5918	-18464.0	-47305.1	-3912.1	-17942.8	-47826.3	
-7.59							
	5917	-9719.8	-8631.7	-5830.0	-3320.4	-15031.1	
-47.67							
	5953	-1699.8	-5028.0	-7659.8	4474.6	-11202.4	
-38.87							

	NODE	Vxx	Vyy
Max	Cent	12.2	6.2
	5954	21.6	20.3
	5918	21.6	5.3
	5917	10.8	5.3
	5953	10.8	20.3
Min	Cent	-5.1	-157.1
	5954	-1.2	-219.6
	5918	-1.2	-119.0
	5917	-12.1	-119.0
	5953	-12.1	-219.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	34.9	125.2	30.1	134.3	25.8
73.17			5954	9.1	123.7	30.1	131.1	1.6
76.16			5918	9.1	165.3	30.1	170.9	3.5
79.47			5917	80.2	165.3	30.1	174.8	70.7
72.36			5953	80.2	123.7	30.1	139.1	64.9
62.94		Min	Cent	-25.1	-186.3	-52.4	-9.6	-201.8
-16.52			5954	-30.6	-335.0	-52.4	-21.8	-343.8
-9.50			5918	-30.6	-97.8	-52.4	-1.9	-126.4
-28.67			5917	-49.6	-97.8	-52.4	-16.0	-131.3
-32.66			5953	-49.6	-335.0	-52.4	-40.3	-344.4
-10.08								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

		Max	Cent	1634.5	5201.3	1670.1	5861.2	974.6
68.44			5954	1233.3	15284.3	1703.5	15487.8	1029.7
83.19			5918	4018.0	7202.6	1347.8	7696.4	3524.1
69.88			5917	13805.7	15174.6	1691.6	16315.0	12665.3
56.01			5953	4712.0	6454.6	2427.5	8162.5	3004.2
54.87		Min	Cent	-4249.7	-16915.6	-8157.4	-255.6	-20909.8
-26.09			5954	-2352.0	-21685.8	-7397.6	153.8	-24191.5
-18.71			5918	-17970.1	-54857.5	-5131.4	-17269.6	-55558.0
-7.77			5917	-12093.0	-11929.8	-8117.1	-3893.9	-20128.9
-45.29								

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	perm	Cent	16.8	-30.2	-6.0	17.6	-31.0
-7.12		5954	-7.8	-149.5	-6.0	-7.6	-149.8
-2.41		5918	-7.8	89.1	-6.0	89.5	-8.2
-86.49		5917	41.5	89.1	-6.0	89.8	40.8
-82.96		5953	41.5	-149.5	-6.0	41.7	-149.7
-1.79							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-219.7	-58.0	-138.3	21.4	-299.0
-60.15		5954	-186.8	-779.8	-67.4	-179.2	-787.3
-6.41		5918	-694.2	-1056.4	-126.4	-654.5	-1096.2
-17.46		5917	-22.7	569.1	-180.1	619.6	-73.2
-74.33		5953	25.1	1035.3	-121.1	1049.6	10.8
-83.26							
		NODE	Vxx	Vyy			

		Cent	0.2	-3.6			
		5954	0.5	-3.9			
		5918	0.5	-3.2			
		5917	-0.1	-3.2			
		5953	-0.1	-3.9			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~1	Max	Cent	65.4	250.4	72.1	274.0
71.92			5954	19.2	229.4	72.1	251.8
72.77			5918	19.2	323.5	72.1	339.8
77.32			5917	152.6	323.5	72.1	345.9
72.80			5953	152.6	229.4	72.1	263.9
64.48		Min	Cent	-29.5	-281.7	-76.7	-19.3
-14.57			5954	-65.5	-601.8	-76.7	-54.8
-7.98			5918	-65.5	-42.9	-76.7	-0.8
-51.87			5917	-65.2	-42.9	-76.7	-5.7
-56.62			5953	-65.2	-601.8	-76.7	-60.6
-6.79							
ANGLE			NODE	Mxx	Myy	Mxy	Mmax

		Max	Cent	3087.0	10237.9	13465.8	20300.3
52.60			5954	1478.1	21779.7	14579.6	29069.4
62.82			5918	7562.3	14639.6	5621.7	17309.7

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62.37							
		5917	22308.7	28171.6	11888.7	37181.1	13299.3
52.11							
		5953	6621.8	27000.7	20872.1	39879.2	-6256.7
58.11							
	Min	Cent	-10123.1	-38477.5	-11455.8	-6263.3	-42337.3
-19.09							
		5954	-16457.1	-120875.3	-10437.6	-15443.3	-121834.0
-5.45							
		5918	-25620.7	-75114.0	-7573.9	-24635.0	-76099.7
-7.95							
		5917	-16348.3	-15536.1	-11451.4	-4796.6	-27087.8
-46.04							
		5953	-2269.6	-8443.0	-14409.4	9207.4	-19920.0
-38.88							

		NODE	Vxx	Vyy
	Max	Cent	16.7	15.9
		5954	29.6	47.8
		5918	29.6	21.8
		5917	20.7	21.8
		5953	20.7	47.8
	Min	Cent	-8.4	-215.7
		5954	-6.1	-302.4
		5918	-6.1	-163.8
		5917	-17.9	-163.8
		5953	-17.9	-302.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	107.5	250.4	72.1	274.0	51.7
71.92								
			5954	19.2	229.4	72.1	251.8	-3.2
72.77								
			5918	19.2	323.5	72.1	339.8	3.0
77.32								
			5917	252.3	323.5	72.1	345.9	159.1
72.80								
			5953	252.3	229.4	72.1	263.9	78.3
64.48								
		Min	Cent	-29.5	-364.2	-76.7	-19.3	-375.7
-14.57								
			5954	-65.5	-947.3	-76.7	-54.8	-953.4
-7.98								
			5918	-65.5	-42.9	-76.7	-0.8	-131.7
-51.87								
			5917	-65.2	-42.9	-76.7	-5.7	-111.3
-56.62								
			5953	-65.2	-947.3	-76.7	-60.6	-951.9
-6.79								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	3087.0	10237.9	13465.8	20300.3	-1219.4
52.60								
			5954	1478.1	21779.7	14579.6	29069.4	-724.7
62.82								
			5918	7562.3	14639.6	5621.7	17309.7	4892.2
62.37								
			5917	22308.7	28171.6	11888.7	37181.1	13299.3
52.11								
			5953	6621.8	27000.7	20872.1	39879.2	-121.4
58.11								

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-19.09	Min	Cent	-10123.1	-38477.5	-11455.8	-6263.3	-42337.3
-5.45		5954	-16457.1	-120875.3	-10437.6	-15443.3	-121834.0
-7.95		5918	-25620.7	-75114.0	-7573.9	-24635.0	-76099.7
-46.04		5917	-16348.3	-15536.1	-11451.4	-4796.6	-27087.8
-70.02		5953	-2269.6	-8443.0	-14409.4	2359.3	-19920.0

	NODE	Vxx	Vyy
Max	Cent	16.7	15.9
	5954	29.6	47.8
	5918	29.6	21.8
	5917	20.7	21.8
	5953	20.7	47.8
Min	Cent	-8.4	-215.7
	5954	-6.1	-302.4
	5918	-6.1	-163.8
	5917	-17.9	-163.8
	5953	-17.9	-302.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3707	2	24	c mob-a	Max	Cent	2.3	47.2	27.8	60.5	-11.0
64.47					4659	2.6	0.5	0.3	2.6	0.5
6.77					4630	2.3	160.2	2.7	160.3	2.3
89.02					4629	2.0	240.1	108.2	282.0	-39.9
68.87					4658	2.3	0.3	56.9	58.2	-55.6
44.50				Min	Cent	-584.1	-0.2	-0.5	-0.2	-584.1
-89.95					4659	-689.3	-137.8	-53.7	-132.6	-694.5
-84.49					4630	-618.1	-0.6	-21.5	0.1	-618.9
-88.01					4629	-470.6	-0.8	-0.4	-0.8	-470.6
-89.95					4658	-564.1	-70.8	-0.3	-70.8	-564.1
-89.96										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
54.09				Max	Cent	1286.0	8031.4	10265.2	15463.8	-6146.4
76.88					4659	568.2	51961.5	12667.9	54914.3	-2384.7
48.51					4630	1071.7	6160.8	20642.0	24414.6	-17182.0
49.44					4629	5292.5	8660.5	10778.7	17885.9	-3932.9
33.98					4658	6154.1	1898.2	5258.2	9698.6	-1646.3
-36.02				Min	Cent	-715.9	-4142.9	-5286.4	3127.7	-7986.5
-21.18					4659	-1425.7	-13412.6	-5466.4	692.8	-15531.0
					4630	-6427.1	-44362.9	-4124.0	-5984.0	-44806.0

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-6.13							
	4629	-2663.5	-1321.5	-5466.3	3514.8	-7499.8	
-48.50							
	4658	-2095.0	-9091.5	-6623.2	1897.0	-13083.5	
-31.08							

	NODE	Vxx	Vyy
Max	Cent	4.2	12.7
	4659	3.7	39.5
	4630	5.6	5.6
	4629	4.7	5.5
	4658	6.7	40.5
Min	Cent	-1.1	-8.5
	4659	-1.9	-9.6
	4630	-1.4	-44.1
	4629	-3.2	-44.8
	4658	-3.3	-10.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	1.6	51.6	33.2	68.2	-15.0
63.46			4659	1.9	0.4	0.2	1.9	0.3
8.95			4630	1.7	173.5	4.5	173.6	1.5
88.49			4629	1.4	258.1	116.3	303.0	-43.4
68.92			4658	1.6	0.2	63.4	64.3	-62.4
44.68		Min	Cent	-628.2	-0.1	-0.9	-0.1	-628.2
-89.92			4659	-741.7	-146.2	-57.7	-140.7	-747.2
-84.52			4630	-666.1	-0.4	-26.0	0.6	-667.2
-87.77			4629	-508.6	-0.6	-0.3	-0.6	-508.6
-89.96			4658	-606.5	-76.4	-0.2	-76.4	-606.5
-89.98								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	1469.6	9298.2	12409.5	18396.1	-7628.3
53.75		4659	838.0	56552.7	15452.9	60551.7	-3160.9
75.49		4630	1885.9	10719.3	24059.6	30764.2	-18159.0
50.20		4629	6408.4	9972.5	13299.2	21608.4	-5227.6
48.82		4658	6739.1	2765.7	6792.4	11829.4	-2324.6
36.85	Min	Cent	-1096.3	-6911.3	-7024.8	3598.9	-11606.5
-33.76		4659	-1693.1	-19859.4	-7445.5	968.5	-22520.9
-19.67		4630	-7400.0	-53636.6	-6582.9	-6481.0	-54555.6
-7.95		4629	-3981.3	-1979.5	-7198.9	4287.8	-10248.5
-48.96		4658	-2746.7	-10021.8	-8252.6	2634.5	-15403.0
-33.11							

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	NODE	Vxx	Vyy
Max	Cent	5.0	15.3
	4659	4.4	43.1
	4630	6.6	10.1
	4629	5.6	9.1
	4658	7.7	44.1
Min	Cent	-1.5	-13.1
	4659	-2.6	-14.3
	4630	-2.3	-52.5
	4629	-3.9	-53.4
	4658	-4.1	-15.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
87.80	pp	Cent	-1457.7	109.4	60.4	111.7	-1460.0
-85.13		4659	-1711.1	-335.0	-118.2	-324.9	-1721.2
-88.79		4630	-1525.1	400.7	-40.5	401.6	-1525.9
81.54		4629	-1168.0	592.5	267.8	632.4	-1207.8
83.69		4658	-1413.6	-175.1	138.7	-159.8	-1428.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
49.99	Cent	715.1	1710.2	2824.9	4081.0	-1655.7
81.70	4659	233.8	24121.8	3561.0	24641.3	-285.7
24.18	4630	-2364.8	-16100.1	7726.0	1104.7	-19569.6
55.81	4629	1758.3	3827.2	2609.1	5599.4	-14.0
0.83	4658	3004.8	-4883.6	114.2	3006.5	-4885.2

	NODE	Vxx	Vyy
	Cent	1.5	1.5
	4659	1.3	18.9
	4630	2.3	-16.7
	4629	0.7	-17.3
	4658	1.7	19.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.54	vento -y	Cent	50.4	-3.8	-2.4	50.5	-3.9
2.51		4659	55.1	9.6	2.0	55.2	9.6
1.94		4630	48.3	-14.7	2.1	48.3	-14.8
-6.76		4629	45.3	-18.2	-7.6	46.2	-19.1
-7.50		4658	52.6	6.7	-6.2	53.4	5.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.91		Cent	5.8	93.0	76.1	137.1	-38.3
83.58		4659	-24.8	758.0	89.3	768.1	-34.9
27.97		4630	-63.8	-351.5	212.8	49.3	-464.6
59.37		4629	20.1	94.6	67.9	134.8	-20.0
-0.73		4658	85.4	-127.1	-2.7	85.4	-127.1

NODE	Vxx	Vyy
Cent	0.0	0.1
4659	0.0	0.6
4630	0.0	-0.4
4629	0.0	-0.4
4658	0.1	0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.45	cedime~1	Cent	121.4	-8.6	-5.6	121.6	-8.9
3.31		4659	135.1	25.9	6.3	135.5	25.5
1.95		4630	118.3	-35.5	5.2	118.5	-35.6
-7.24		4629	106.1	-45.9	-19.6	108.6	-48.4
-7.48		4658	124.9	17.2	-14.4	126.8	15.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-31.08		Cent	-75.3	-317.3	-229.0	62.6	-455.3
-6.19		4659	11.6	-2434.0	-268.5	40.7	-2463.2
-61.97		4630	161.6	1049.9	-660.0	1401.3	-189.8
-33.97		4629	-120.0	-289.1	-208.7	20.7	-429.8
88.26		4658	-335.4	396.2	22.2	396.9	-336.1

NODE	Vxx	Vyy
Cent	-0.1	-0.4
4659	-0.0	-1.8
4630	-0.1	1.2
4629	-0.2	1.2
4658	-0.2	-1.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
87.77	perm	Cent	-464.4	34.4	19.5	35.2	-465.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-85.16			4659	-544.8	-107.3	-37.3	-104.1	-548.0
-88.80			4630	-485.4	127.5	-12.9	127.8	-485.7
81.53			4629	-372.5	188.4	85.5	201.2	-385.2
83.62			4658	-450.8	-56.5	44.6	-51.5	-455.8
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

17.26			Cent	52.0	-2294.6	806.7	302.5	-2545.2
14.88			4659	572.7	-3101.4	1050.6	851.9	-3380.6
12.74			4630	-929.8	-6335.7	1287.6	-638.8	-6626.7
41.92			4629	1277.7	1046.4	1071.1	2239.4	84.7
44.81			4658	-740.6	-750.0	693.5	-51.7	-1438.9
			NODE	Vxx	Vyy			

			Cent	-0.2	-3.8			
			4659	1.2	-1.1			
			4630	1.3	-5.5			
			4629	-1.7	-6.6			
			4658	-1.6	-2.2			
			NODE	Fxx	Fyy	Fxy	Fmax	Fmin

		LC	Cent	-339.9	104.1	64.4	111.3	-347.7
83.59		INV TO~1 Max	4659	-406.2	-80.7	-30.7	-77.9	-409.1
-84.67			4630	-364.0	361.8	-1.5	361.9	-364.0
-89.54			4629	-263.8	536.9	242.4	597.6	-324.6
75.93			4658	-322.7	-38.9	130.1	2.3	-363.9
70.40			Cent	-1312.5	25.6	12.7	25.7	-1312.8
89.40		Min	4659	-1546.1	-304.7	-115.2	-294.1	-1556.7
-84.74			4630	-1384.7	91.3	-48.0	92.6	-1386.2
-88.20			4629	-1059.1	141.4	65.2	145.3	-1064.9
86.60			4658	-1269.5	-159.6	29.8	-157.9	-1271.3
87.72			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	2036.0	10257.9	17559.6	24181.3	-11833.3
51.59			4659	1715.7	73244.8	21912.0	79422.6	-4473.8
74.25			4630	1777.8	9185.2	33768.1	38800.8	-27833.1
47.76			4629	9929.0	14509.3	19025.0	31381.5	-6930.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.43			4658	8357.2	3380.0	9885.5	15893.2	-4453.5
37.38								
-29.78		Min	Cent	-1503.4	-11942.2	-8905.7	3537.4	-17045.3
-15.59				4659	-1712.9	-32345.6	884.3	-34931.2
-6.32				4630	-10919.8	-78745.1	-8259.3	-10078.8
-48.70				4629	-4217.0	-1915.0	5864.6	-11996.6
-33.21				4658	-4784.1	-14279.4	2041.2	-20910.1

	NODE	Vxx	Vyy
Max	Cent	6.5	16.8
	4659	7.2	57.0
	4630	10.2	9.3
	4629	5.8	6.8
	4658	8.8	57.4
Min	Cent	-2.3	-21.9
	4659	-2.3	-22.3
	4630	-2.0	-76.4
	4629	-7.1	-78.7
	4658	-7.4	-24.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
87.80	INV TO~2	Max	Cent	-339.9	147.7	81.5	150.8	-347.7
-84.67				4659	-406.2	-80.7	-30.7	-77.9
-88.79				4630	-364.0	541.0	-1.5	542.1
81.54				4629	-263.8	799.9	361.5	853.7
70.40				4658	-322.7	-38.9	187.2	2.3
89.40		Min	Cent	-1967.9	25.6	12.7	25.7	-1971.1
-85.13				4659	-2310.0	-452.2	-159.6	-438.6
-88.20				4630	-2058.9	91.3	-54.7	92.6
86.60				4629	-1576.8	141.4	65.2	145.3
83.69				4658	-1908.3	-236.4	29.8	-215.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.59	Max	Cent	2036.0	10257.9	17559.6	24181.3
74.25			4659	1715.7	73244.8	21912.0
47.76			4630	1777.8	9185.2	33768.1
48.43			4629	9929.0	14509.3	19025.0
37.38			4658	8357.2	3380.0	9885.5
-29.78	Min	Cent	-1503.4	-11942.2	-8905.7	3537.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.59	4659	-1712.9	-32345.6	-9269.3	884.3	-34931.2
-6.32	4630	-10919.8	-78745.1	-8259.3	-10078.8	-79586.1
-48.70	4629	-4217.0	-1915.0	-8856.1	5864.6	-11996.6
-33.21	4658	-4784.1	-14279.4	-10447.5	2041.2	-20910.1

	NODE	Vxx	Vyy
Max	Cent	6.5	16.8
	4659	7.2	57.0
	4630	10.2	9.3
	4629	5.8	6.8
	4658	8.8	57.4
Min	Cent	-2.3	-21.9
	4659	-2.3	-22.3
	4630	-2.0	-76.4
	4629	-7.1	-78.7
	4658	-7.4	-24.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3711	2	24	c mob-a	Max	Cent	0.2	0.4	26.1	26.3	-25.8
45.11					4630	0.2	0.4	26.1	26.3	-25.8
45.11					4628	0.2	0.4	26.1	26.3	-25.8
45.11					4629	0.2	0.4	26.1	26.3	-25.8
45.11				Min	Cent	-40.9	-86.1	-0.1	-40.9	-86.1
-0.12					4630	-40.9	-86.1	-0.1	-40.9	-86.1
-0.12					4628	-40.9	-86.1	-0.1	-40.9	-86.1
-0.12					4629	-40.9	-86.1	-0.1	-40.9	-86.1
-0.12										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
Max	Cent	1576.1	787.9	179.5	1615.1	748.9	
12.25	4630	1639.9	851.0	282.3	1730.4	760.4	
17.79	4628	920.1	702.7	145.7	993.2	629.6	
26.64	4629	2638.1	926.0	155.3	2652.1	912.1	
5.14	Min	Cent	-962.9	-2304.1	-1280.7	-187.8	-3079.1
-31.18	4630	-2311.4	-3731.0	-2054.5	-847.6	-5194.8	
-35.47	4628	-1323.5	-2342.8	-1051.2	-664.9	-3001.4	
-32.07	4629	-406.1	-948.2	-972.8	332.7	-1687.1	
-37.22							

	NODE	Vxx	Vyy
Max	Cent	0.9	0.5
	4630	1.7	0.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	4628	1.7	0.4
	4629	0.7	1.0
Min	Cent	-2.2	-3.0
	4630	-1.0	-6.8
	4628	-1.0	-2.3
	4629	-5.0	-0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	0.1	0.3	28.0	28.2	-27.8
45.06			4630	0.1	0.3	28.0	28.2	-27.8
45.06			4628	0.1	0.3	28.0	28.2	-27.8
45.06			4629	0.1	0.3	28.0	28.2	-27.8
45.06		Min	Cent	-44.7	-94.2	-0.1	-44.7	-94.2
-0.08			4630	-44.7	-94.2	-0.1	-44.7	-94.2
-0.08			4628	-44.7	-94.2	-0.1	-44.7	-94.2
-0.08			4629	-44.7	-94.2	-0.1	-44.7	-94.2
-0.08								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	2044.5	1132.8	288.1	2127.9	1049.4
16.15		4630	2449.9	1328.2	451.3	2608.9	1169.2
19.41		4628	1167.6	1020.5	220.7	1326.6	861.4
35.78		4629	2956.0	1199.5	302.0	3006.5	1149.0
9.49	Min	Cent	-1457.8	-2847.1	-1450.7	-544.0	-3760.9
-32.21		4630	-3242.2	-4547.8	-2375.1	-1431.8	-6358.2
-37.32		4628	-1802.2	-2885.9	-1182.9	-1042.9	-3645.2
-32.69		4629	-615.2	-1297.1	-1161.3	254.1	-2166.5
-36.82							

	NODE	Vxx	Vyy
Max	Cent	1.6	0.8
	4630	2.3	1.4
	4628	2.3	0.7
	4629	1.2	1.5
Min	Cent	-2.9	-3.6
	4630	-1.5	-8.2
	4628	-1.5	-2.7
	4629	-6.2	-1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-90.6	-209.3	61.2	-64.7	-235.2
22.93		4630	-90.6	-209.3	61.2	-64.7	-235.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.93							
	4628	-90.6	-209.3	61.2	-64.7	-235.2	
22.93							
	4629	-90.6	-209.3	61.2	-64.7	-235.2	
22.93							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	352.6	-611.8	-568.4	615.8	-875.0	
-24.85	4630	-151.8	-1189.8	-864.3	337.3	-1679.0	
-29.51	4628	-29.1	-617.6	-481.9	241.3	-888.0	
-29.30	4629	1238.7	-28.1	-359.1	1333.4	-122.8	
-14.78							

	NODE	Vxx	Vyy
	Cent	-0.5	-1.0
	4630	0.1	-2.4
	4628	0.1	-0.8
	4629	-1.8	0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	2.4	7.9	-1.8	8.4	1.9
-73.31		4630	2.4	7.9	-1.8	8.4	1.9
-73.31		4628	2.4	7.9	-1.8	8.4	1.9
-73.31		4629	2.4	7.9	-1.8	8.4	1.9
-73.31							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
--	------	-----	-----	-----	------	------	--

	Cent	8.6	-17.8	-12.7	13.7	-23.0	
-22.01	4630	-1.9	-30.8	-20.0	8.3	-41.1	
-27.09	4628	-1.5	-18.4	-10.4	3.5	-23.3	
-25.50	4629	29.1	-4.2	-7.8	30.8	-5.9	
-12.51							

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	4630	0.0	-0.1
	4628	0.0	-0.0
	4629	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	cedime~1	Cent	7.0	18.1	-4.8	19.9	5.2
-69.62		4630	7.0	18.1	-4.8	19.9	5.2
-69.62							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-69.62		4628	7.0	18.1	-4.8	19.9	5.2
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-69.62		4629	7.0	18.1	-4.8	19.9	5.2
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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                          Cent      -40.8     36.0     47.4     58.5     -63.4
64.51
                          4630     -10.5     75.2     69.8    114.2     -49.5
60.78
                          4628      -8.9     39.6     40.1     62.2     -31.5
60.57
                          4629    -103.0     -6.9     32.2      2.9    -112.8
73.07
    
```

	NODE	Vxx	Vyy
	Cent	0.0	0.1
	4630	-0.0	0.2
	4628	-0.0	0.1
	4629	0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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perm                          Cent      -28.2    -66.9     19.4    -20.1    -74.9
22.53
                          4630     -28.2    -66.9     19.4    -20.1    -74.9
22.53
                          4628     -28.2    -66.9     19.4    -20.1    -74.9
22.53
                          4629     -28.2    -66.9     19.4    -20.1    -74.9
22.53
    
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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                          Cent      33.7    -258.3   -157.2    102.2   -326.8
-23.55
                          4630   -191.8   -462.0   -234.7    -56.1   -597.7
-30.04
                          4628    -29.6   -217.9   -143.0     47.4   -294.9
-28.32
                          4629    322.5    -95.0    -93.8    342.6   -115.1
-12.10
    
```

	NODE	Vxx	Vyy
	Cent	-0.3	-0.2
	4630	-0.1	-0.6
	4628	-0.1	-0.1
	4629	-0.7	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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INV TO~1 Max                          Cent      -20.9    -48.2     57.2     19.6    -88.7
37.71
                          4630     -20.9    -48.2     57.2     19.6    -88.7
37.71
                          4628     -20.9    -48.2     57.2     19.6    -88.7
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

37.71			4629	-20.9	-48.2	57.2	19.6	-88.7
37.71		Min	Cent	-88.5	-194.1	14.5	-85.1	-197.5
10.02			4630	-88.5	-194.1	14.5	-85.1	-197.5
10.02			4628	-88.5	-194.1	14.5	-85.1	-197.5
10.02			4629	-88.5	-194.1	14.5	-85.1	-197.5

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Max	Cent	2793.7	1306.9	279.1	2828.2	1254.9
8.46			4630	3115.5	1406.3	444.3	3214.2	1297.1
13.81			4628	1546.6	1199.3	195.0	1626.7	1110.4
24.53			4629	4313.1	1524.3	346.1	4348.0	1489.4
6.34		Min	Cent	-1975.1	-4101.9	-2115.6	-703.1	-5395.1
-31.59			4630	-4579.2	-6601.5	-3441.2	-2043.6	-9173.3
-36.95			4628	-2471.5	-4113.9	-1739.9	-1393.6	-5214.1
-32.38			4629	-611.0	-1853.0	-1661.5	511.6	-2975.6
-34.57								

		NODE	Vxx	Vyy
Max	Cent	4630	1.8	0.9
		4628	2.9	1.6
		4629	2.9	0.9
Min	Cent	4630	1.1	2.2
		4628	-4.3	-5.0
		4629	-2.3	-11.6
		4628	-2.3	-3.8
		4629	-9.0	-1.3

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----		INV TO~2	Max	Cent	-20.9	-48.2	82.6	19.6	-88.7
37.71				4630	-20.9	-48.2	82.6	19.6	-88.7
37.71				4628	-20.9	-48.2	82.6	19.6	-88.7
37.71				4629	-20.9	-48.2	82.6	19.6	-88.7
37.71		Min	Cent	-122.3	-282.5	14.5	-87.3	-317.5	
22.93				4630	-122.3	-282.5	14.5	-87.3	-317.5
22.93				4628	-122.3	-282.5	14.5	-87.3	-317.5
22.93				4629	-122.3	-282.5	14.5	-87.3	-317.5
22.93									

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.46		Max	Cent	2793.7	1306.9	279.1	2828.2	1254.9
13.81				4630	3115.5	1406.3	444.3	1297.1
24.53				4628	1546.6	1199.3	195.0	1626.7
6.34				4629	4313.1	1524.3	346.1	4348.0
-31.59		Min	Cent	-1975.1	-4101.9	-2115.6	-703.1	-5395.1
-36.95				4630	-4579.2	-6601.5	-3441.2	-2043.6
-32.38				4628	-2471.5	-4113.9	-1739.9	-1393.6
-34.57				4629	-611.0	-1853.0	-1661.5	511.6

		NODE	Vxx	Vyy
Max	Cent		1.8	0.9
		4630	2.9	1.6
		4628	2.9	0.9
		4629	1.1	2.2
Min	Cent		-4.3	-5.0
		4630	-2.3	-11.6
		4628	-2.3	-3.8
		4629	-9.0	-1.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3717	2	24	c mob-a	Max	Cent	1.0	0.2	0.2	1.0
13.61						4628	1.0	0.2	0.2
13.61						4599	1.0	0.2	0.2
13.61						4598	1.0	0.2	0.2
13.61				Min	Cent	-276.8	-62.6	-53.6	-49.9
-76.70						4628	-276.8	-62.6	-53.6
-76.70						4599	-276.8	-62.6	-53.6
-76.70						4598	-276.8	-62.6	-53.6

				NODE	Mxx	Myy	Mxy	Mmax	Mmin

43.97				Max	Cent	485.1	416.4	958.4	1409.8
44.11						4628	592.9	493.8	1590.0
32.16						4599	1363.1	604.3	788.7
39.16						4598	630.2	283.0	839.2
-26.99				Min	Cent	-1902.3	-2352.5	-309.6	-1744.6
-60.73						4628	-3010.7	-2617.8	-321.1
-15.59						4599	-1299.0	-2618.5	-399.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.92

4598 -2184.7 -1913.1 -647.4 -1387.5 -2710.4

		NODE	Vxx	Vyy
Max	Cent		0.4	1.5
	4628		0.9	10.6
	4599		0.9	2.6
Min	Cent		2.5	2.1
	4628		-2.2	-0.6
	4599		-3.9	-2.0
	4598		-3.9	-5.3
	4598		-1.1	-3.5

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
14.10	c mob-b	Max	Cent	0.7	0.2	0.2	0.8	0.1
			4628	0.7	0.2	0.2	0.8	0.1
			4599	0.7	0.2	0.2	0.8	0.1
			4598	0.7	0.2	0.2	0.8	0.1
-76.54		Min	Cent	-295.9	-66.8	-58.2	-52.9	-309.8
			4628	-295.9	-66.8	-58.2	-52.9	-309.8
			4599	-295.9	-66.8	-58.2	-52.9	-309.8
			4598	-295.9	-66.8	-58.2	-52.9	-309.8

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.86		Max	Cent	696.8	685.6	1169.5	1860.7	-478.3
			4628	919.6	766.0	1863.6	2708.0	-1022.4
			4599	1935.0	1122.9	999.1	2607.4	450.5
			4598	1080.6	460.1	1077.6	1891.8	-351.0
-28.27		Min	Cent	-2346.6	-2906.4	-423.4	-2119.0	-3134.0
			4628	-3589.5	-3215.2	-497.9	-2870.4	-3934.2
			4599	-1818.2	-3315.2	-574.3	-1623.3	-3510.2
			4598	-2741.9	-2298.1	-841.8	-1649.5	-3390.5

		NODE	Vxx	Vyy
Max	Cent		0.6	1.7
	4628		1.4	13.1
	4599		1.4	3.9
	4598		3.3	3.0
Min	Cent		-2.8	-0.8
	4628		-4.9	-3.8
	4599		-4.9	-7.0
	4598		-1.8	-4.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-76.82	pp	Cent	-685.6	-156.3	-131.2	-125.5	-716.4
-76.82		4628	-685.6	-156.3	-131.2	-125.5	-716.4
-76.82		4599	-685.6	-156.3	-131.2	-125.5	-716.4
-76.82		4598	-685.6	-156.3	-131.2	-125.5	-716.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

29.13		Cent	-402.5	-740.1	272.8	-250.5	-892.1
47.63		4628	-1003.8	-892.3	604.6	-340.9	-1555.1
10.53		4599	160.0	-736.2	172.6	192.1	-768.3
9.98		4598	-363.8	-591.8	41.4	-356.5	-599.0

	NODE	Vxx	Vyy

	Cent	-0.7	0.3
	4628	-1.3	3.3
	4599	-1.3	-1.4
	4598	0.5	-0.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

13.59	vento -y	Cent	22.8	5.4	4.5	23.9	4.3
13.59		4628	22.8	5.4	4.5	23.9	4.3
13.59		4599	22.8	5.4	4.5	23.9	4.3
13.59		4598	22.8	5.4	4.5	23.9	4.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

40.65		Cent	-16.8	-18.7	6.3	-11.4	-24.1
52.11		4628	-25.9	-18.5	14.7	-7.0	-37.3
14.14		4599	-5.6	-19.4	3.7	-4.7	-20.4
62.39		4598	-18.8	-18.2	0.4	-18.0	-19.0

	NODE	Vxx	Vyy

	Cent	-0.0	0.0
	4628	-0.0	0.1
	4599	-0.0	-0.0
	4598	0.0	-0.0

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

13.56	cedime~1	Cent	56.8	13.2	11.2	59.5	10.5
13.56		4628	56.8	13.2	11.2	59.5	10.5
13.56		4599	56.8	13.2	11.2	59.5	10.5
13.56		4598	56.8	13.2	11.2	59.5	10.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-53.84		Cent	38.1	54.1	-25.1	72.4	19.8
-40.74		4628	76.9	62.4	-48.6	118.8	20.5
-73.13		4599	-1.4	50.4	-17.3	55.7	-6.6
-59.97		4598	38.7	49.4	-9.3	54.8	33.3

NODE	Vxx	Vyy
Cent	0.1	-0.0
4628	0.1	-0.2
4599	0.1	0.1
4598	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-76.79	perm	Cent	-217.2	-49.6	-41.6	-39.9	-227.0
-76.79		4628	-217.2	-49.6	-41.6	-39.9	-227.0
-76.79		4599	-217.2	-49.6	-41.6	-39.9	-227.0
-76.79		4598	-217.2	-49.6	-41.6	-39.9	-227.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
22.50		Cent	-49.2	-217.2	84.0	-14.4	-252.0
42.49		4628	-253.4	-284.2	175.5	-92.6	-445.0
9.61		4599	110.6	-250.0	62.8	121.2	-260.7
6.79		4598	-4.8	-117.4	13.6	-3.2	-119.0

NODE	Vxx	Vyy
Cent	-0.2	-0.1
4628	-0.4	0.9
4599	-0.4	-0.7
4598	0.2	-0.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
-76.92				-159.1	-36.1	-30.2	-29.1	-166.1
			4628	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92			4599	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92			4598	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92		Min	Cent	-616.7	-139.8	-120.1	-111.2	-645.2
-76.63			4628	-616.7	-139.8	-120.1	-111.2	-645.2
-76.63			4599	-616.7	-139.8	-120.1	-111.2	-645.2
-76.63			4598	-616.7	-139.8	-120.1	-111.2	-645.2
-76.63								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	929.6	762.5	1662.8	2485.9	-793.8
43.54			4628	1064.9	812.3	2691.4	3584.4	-1707.2
43.63			4599	2722.9	1316.3	1411.6	3582.9	457.6
31.35			4598	1492.7	553.1	1468.4	2555.8	-509.9
36.08		Min	Cent	-3217.2	-4140.9	-512.6	-3007.5	-4350.6
-23.27			4628	-5099.3	-4624.7	-545.2	-4311.6	-5412.3
-57.77			4599	-2345.4	-4725.6	-729.8	-2147.1	-4922.5
-15.45			4598	-3706.5	-3219.9	-1132.1	-2314.4	-4612.0
-51.11								
			NODE	Vxx	Vyy			
		Max	Cent	0.7	2.3			
			4628	1.5	18.5			
			4599	1.5	4.6			
			4598	4.6	3.7			
		Min	Cent	-4.0	-1.2			
			4628	-7.0	-4.4			
			4599	-7.0	-10.1			
			4598	-2.2	-6.8			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max	Cent	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92			4628	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92			4599	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92			4598	-159.1	-36.1	-30.2	-29.1	-166.1
-76.92		Min	Cent	-925.6	-211.0	-177.1	-169.5	-967.1
-76.82			4628	-925.6	-211.0	-177.1	-169.5	-967.1
-76.82			4599	-925.6	-211.0	-177.1	-169.5	-967.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-76.82
 -76.82

4598 -925.6 -211.0 -177.1 -169.5 -967.1
 ANGLE NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	929.6	762.5	1662.8	2485.9	-793.8		
43.54			4628	1064.9	812.3	2691.4	3584.4	-1707.2	
43.63			4599	2722.9	1316.3	1411.6	3582.9	457.6	
31.35			4598	1492.7	553.1	1468.4	2555.8	-509.9	
36.08									
	Min	Cent	-3217.2	-4140.9	-512.6	-3007.5	-4350.6		
-23.27			4628	-5099.3	-4624.7	-545.2	-4311.6	-5412.3	
-57.77			4599	-2345.4	-4725.6	-729.8	-2147.1	-4922.5	
-15.45			4598	-3706.5	-3219.9	-1132.1	-2314.4	-4612.0	
-51.11									

			NODE	Vxx	Vyy
	Max	Cent		0.7	2.3
			4628	1.5	18.5
			4599	1.5	4.6
			4598	4.6	3.7
	Min	Cent		-4.0	-1.2
			4628	-7.0	-4.4
			4599	-7.0	-10.1
			4598	-2.2	-6.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
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3777	2	14	c mob-a	Max	Cent	91.2	394.6	53.3	403.7	82.1	
80.32						5919	90.0	253.4	53.3	269.3	74.1
73.43						5884	90.0	645.0	53.3	650.1	84.9
84.56						5883	93.0	645.0	53.3	650.1	87.9
84.53						5918	93.0	253.4	53.3	269.5	76.9
73.19											
				Min	Cent	-15.2	-11.5	-54.9	41.6	-68.3	
-45.95						5919	-18.2	-23.7	-54.9	34.0	-75.9
-43.59						5884	-18.2	-61.2	-54.9	19.2	-98.7
-34.31						5883	-12.6	-61.2	-54.9	23.1	-97.0
-33.07						5918	-12.6	-23.7	-54.9	37.0	-73.3
-42.14											

ANGLE NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	1196.7	464.1	1873.7	2739.5	-1078.7		
39.47			5919	2356.7	4482.5	1365.4	5150.0	1689.2	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

63.95			5884	4559.2	7917.2	2464.5	9220.2	3256.1
62.13			5883	4078.8	835.9	2778.7	5674.5	-759.8
29.87			5918	387.8	891.4	1568.8	2228.5	-949.3
49.56								
-26.84	Min	Cent		-2095.9	-5803.5	-2522.2	-819.5	-7079.9
-52.15			5919	-3299.2	-2069.6	-2412.1	-195.2	-5173.6
-51.98			5884	-1643.2	-883.9	-1527.3	310.2	-2837.3
-6.91			5883	-4823.3	-20331.9	-1908.3	-4592.0	-20563.2
-16.87			5918	-7310.3	-15709.8	-2804.4	-6460.1	-16560.0

	NODE	Vxx	Vyy
Max	Cent	2.5	88.5
	5919	2.3	77.4
	5884	2.3	117.0
	5883	3.0	117.0
	5918	3.0	77.4
Min	Cent	-7.6	-4.8
	5919	-4.8	-6.6
	5884	-4.8	-5.2
	5883	-12.1	-5.2
	5918	-12.1	-6.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
78.99	c mob-b	Max	Cent	96.8	468.4	75.1	483.0	82.2
70.05			5919	92.8	272.6	75.1	299.8	65.6
83.93		5884	92.8	791.1	75.1	799.1	84.8	
83.76		5883	112.6	791.1	75.1	799.3	104.3	
68.40		5918	112.6	272.6	75.1	302.3	82.8	
-46.64	Min	Cent		-24.0	-17.5	-56.2	35.6	-77.1
-46.69			5919	-30.2	-23.6	-56.2	29.4	-83.2
-44.20		5884	-30.2	-33.3	-56.2	24.5	-88.0	
-41.28		5883	-18.6	-33.3	-56.2	30.7	-82.7	
-43.75		5918	-18.6	-23.6	-56.2	35.2	-77.4	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.69	Max	Cent	1382.6	1467.1	1765.3	3190.6	-340.9
62.36		5919	3445.9	5414.8	1420.1	6158.3	2702.4
73.91		5884	4462.9	12224.0	2442.3	12928.6	3758.3
39.35		5883	2789.4	1755.0	2589.5	4912.8	-368.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.37		5918	3227.7	3763.8	1412.4	4933.3	2058.1
-32.71	Min	Cent	-3580.6	-7185.7	-3942.3	-1048.3	-9718.0
-47.87		5919	-2020.7	-1246.5	-3844.6	2230.4	-5497.7
-55.09		5884	-3311.4	-1279.6	-2764.5	649.8	-5240.7
-8.85		5883	-8757.8	-28747.9	-3188.6	-8261.6	-29244.2
-20.31		5918	-8678.1	-18636.8	-4269.9	-7098.0	-20216.9

	NODE	Vxx	Vyy
Max	Cent	6.0	115.3
	5919	6.1	91.5
	5884	6.1	169.5
	5883	6.1	169.5
	5918	6.1	91.5
Min	Cent	-7.2	-10.6
	5919	-3.2	-16.0
	5884	-3.2	-10.9
	5883	-12.6	-10.9
	5918	-12.6	-16.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
84.48	pp	Cent	180.8	491.1	30.3	494.1	177.9
53.76		5919	167.0	186.1	30.3	208.3	144.8
87.25		5884	167.0	796.2	30.3	797.6	165.5
87.13		5883	194.6	796.2	30.3	797.7	193.1
40.99		5918	194.6	186.1	30.3	220.9	159.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.34	Cent	-1187.1	-1445.3	272.8	-1014.4	-1618.0
70.13	5919	-1449.3	-598.2	353.8	-470.3	-1577.2
25.88	5884	-482.8	-946.5	294.2	-340.0	-1089.2
4.48	5883	-1309.8	-3253.4	153.3	-1297.8	-3265.4
70.43	5918	-1506.4	-983.2	212.9	-907.5	-1582.1

	NODE	Vxx	Vyy
	Cent	-1.1	5.3
	5919	-1.2	1.6
	5884	-1.2	9.0
	5883	-1.0	9.0
	5918	-1.0	1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	vento -y	Cent	-0.2	-0.1	-0.8	0.6	-1.0
-46.92		5919	-0.2	-0.8	-0.8	0.3	-1.4
-34.69		5884	-0.2	0.6	-0.8	1.1	-0.7
-57.70		5883	-0.3	0.6	-0.8	1.0	-0.8
-58.52		5918	-0.3	-0.8	-0.8	0.3	-1.4
-35.59							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	2.0	17.0	21.1	31.9	-12.9
54.83		5919	-21.4	-28.5	19.0	-5.6	-44.2
39.68		5884	6.3	2.3	20.3	24.7	-16.1
42.15		5883	-2.2	17.6	19.0	29.1	-13.7
58.80		5918	25.2	76.8	17.6	82.3	19.7
72.85							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.2			
		5919	-0.0	-0.4			
		5884	-0.0	-0.1			
		5883	0.0	-0.1			
		5918	0.0	-0.4			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	-15.1	-57.7	44.4	12.9	-85.7
32.17		5919	-10.7	-12.9	44.4	32.6	-56.2
44.30		5884	-10.7	-102.6	44.4	7.2	-120.5
22.02		5883	-19.4	-102.6	44.4	-0.2	-121.8
23.44		5918	-19.4	-12.9	44.4	28.4	-60.7
47.10							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-355.4	100.6	-658.7	569.7	-824.4
-54.55		5919	-268.3	-3104.3	-529.3	-172.7	-3199.9
-10.23		5884	-2325.7	-3979.5	-1000.2	-1854.9	-4450.4
-25.21		5883	-1200.4	3444.8	-989.9	3646.9	-1402.6
-78.46		5918	2372.9	4041.6	-519.0	4189.8	2224.6
-74.06							
		NODE	Vxx	Vyy			

		Cent	2.8	-29.5			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5919 1.9 -27.9
 5884 1.9 -31.2
 5883 3.7 -31.2
 5918 3.7 -27.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
77.24	perm	Cent	54.4	179.7	29.9	186.4	47.6
63.93		5919	51.9	98.3	29.9	113.0	37.2
82.02		5884	51.9	261.0	29.9	265.2	47.7
81.83		5883	56.9	261.0	29.9	265.3	52.6
62.36		5918	56.9	98.3	29.9	114.0	41.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.59	Cent	-405.4	-557.4	94.5	-360.1	-602.7
68.03	5919	-499.6	-287.7	102.1	-246.5	-540.7
49.40	5884	-88.9	-52.4	117.9	48.6	-189.9
4.43	5883	-517.4	-1464.6	73.9	-511.7	-1470.4
63.99	5918	-515.6	-425.0	58.1	-396.7	-544.0

NODE	Vxx	Vyy
Cent	-0.4	3.1
5919	-0.4	0.6
5884	-0.4	5.6
5883	-0.3	5.6
5918	-0.3	0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
78.63	INV TO~1 Max	Cent	185.1	812.0	175.7	838.4	158.7
64.62		5919	177.2	466.3	175.7	536.8	126.4
83.58		5884	177.2	1329.0	175.7	1343.8	162.4
83.40		5883	208.9	1329.0	175.7	1344.2	193.7
63.46		5918	208.9	466.3	175.7	541.2	153.7
-89.00	Min	Cent	7.0	98.3	-46.0	98.3	6.9
-88.29		5919	0.4	53.5	-46.0	53.6	-14.9
-88.79		5884	0.4	75.8	-46.0	75.8	-0.7
-88.57		5883	12.3	75.8	-46.0	75.8	12.3
-87.80		5918	12.3	53.5	-46.0	53.6	-0.1

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.79	Max	Cent	1461.1	1523.8	2623.9	4066.1	-661.6
62.70		5919	4152.4	7022.2	2019.2	8064.5	3110.2
73.22		5884	6066.0	16450.0	3444.9	17488.9	5027.1
30.95		5883	4988.9	4349.4	3825.0	7282.8	1220.0
63.42		5918	6214.6	8697.7	2175.9	9526.7	5385.6
-32.18	Min	Cent	-5594.6	-10258.1	-5886.3	-1949.9	-14189.0
-42.55		5919	-5221.8	-6185.9	-5617.5	-65.8	-11342.0
-48.48		5884	-6885.0	-5759.3	-4614.4	-1673.6	-10970.8
-12.07		5883	-13540.9	-40274.3	-5220.6	-12424.2	-40901.0
-20.26		5918	-12231.0	-25584.6	-6225.3	-10124.7	-27690.9

		NODE	Vxx	Vyy
Max	Cent		10.5	158.8
	5919		9.8	124.0
	5884		9.8	234.4
	5883		11.6	234.4
	5918		11.6	124.0
Min	Cent		-10.6	-40.7
	5919		-6.8	-48.9
	5884		-6.8	-40.3
	5883		-17.3	-40.3
	5918		-17.3	-48.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
78.63	INV TO~2	Max	Cent	244.1	812.0	175.7	838.4	240.1
64.62			5919	225.4	466.3	175.7	536.8	195.5
83.58			5884	225.4	1329.0	175.7	1343.8	223.4
83.40			5883	262.7	1329.0	175.7	1344.2	260.7
63.46			5918	262.7	466.3	175.7	541.2	215.7
-89.00		Min	Cent	7.0	98.3	-46.0	98.3	6.9
-88.29			5919	0.4	53.5	-46.0	53.6	-14.9
-88.79			5884	0.4	75.8	-46.0	75.8	-0.7
-88.57			5883	12.3	75.8	-46.0	75.8	12.3
-87.80			5918	12.3	53.5	-46.0	53.6	-0.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Company		Client	
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44.79	Max	Cent	1461.1	1523.8	2623.9	4066.1	-661.6
62.70			5919	4152.4	7022.2	2019.2	3110.2
73.22			5884	6066.0	16450.0	3444.9	5027.1
30.95			5883	4988.9	4349.4	3825.0	1220.0
63.42			5918	6214.6	8697.7	2175.9	5385.6
-32.18	Min	Cent	-5594.6	-10258.1	-5886.3	-1949.9	-14189.0
70.13			5919	-5221.8	-6185.9	-5617.5	-11342.0
-48.48			5884	-6885.0	-5759.3	-4614.4	-10970.8
-12.07			5883	-13540.9	-40274.3	-5220.6	-40901.0
-20.26			5918	-12231.0	-25584.6	-6225.3	-27690.9

	NODE	Vxx	Vyy
Max	Cent	10.5	158.8
	5919	9.8	124.0
	5884	9.8	234.4
	5883	11.6	234.4
	5918	11.6	124.0
Min	Cent	-10.6	-40.7
	5919	-6.8	-48.9
	5884	-6.8	-40.3
	5883	-17.3	-40.3
	5918	-17.3	-48.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3778	2	14	c mob-a	Max	Cent	64.7	322.0	16.9	323.1	63.6
86.25					5955	75.9	423.0	16.9	423.8	75.0
87.21					5919	75.9	246.9	16.9	248.6	74.2
84.40					5918	61.7	246.9	16.9	248.4	60.2
84.82					5954	61.7	423.0	16.9	423.8	60.9
87.32				Min	Cent	-10.6	-180.5	-47.9	2.0	-193.1
-14.72					5955	-12.9	-342.3	-47.9	-6.0	-349.1
-8.11					5919	-12.9	-29.9	-47.9	27.3	-70.0
-39.97					5918	-20.8	-29.9	-47.9	22.8	-73.5
-42.28					5954	-20.8	-342.3	-47.9	-13.8	-349.3
-8.30										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	1658.8	429.0	2586.7	3702.7	-1614.9
38.31					5955	7231.8	22185.0	802.6	22228.0	7188.9
86.94					5919	2401.3	4342.8	3771.0	7266.0	-521.9

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52.22							
46.39		5918	516.0	895.4	3918.3	4628.6	-3217.2
7.49		5954	7761.9	2246.4	737.8	7858.9	2149.4
-23.84	Min	Cent	-1744.7	-4904.8	-1735.4	-977.8	-5671.7
-41.35		5955	-333.1	-1176.3	-3287.4	2559.6	-4069.0
-56.63		5919	-2340.4	-1195.4	-1331.5	-318.6	-3217.3
-13.11		5918	-10386.7	-16674.2	-1547.8	-10026.3	-17034.6
-7.38		5954	-2728.9	-28012.3	-3328.4	-2298.1	-28443.1

		NODE	Vxx	Vyy
Max	Cent		10.6	143.5
	5955		2.5	219.1
	5919		2.5	77.4
	5918		21.6	77.4
	5954		21.6	219.1
Min	Cent		-0.5	-6.3
	5955		-1.2	-15.6
	5919		-1.2	-6.6
	5918		-1.2	-6.6
	5954		-1.2	-15.6

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
80.48	c mob-b	Max	Cent	52.9	220.6	28.9	225.4	48.0
79.33			5955	80.1	228.3	28.9	233.8	74.7
81.32			5919	80.1	265.3	28.9	269.7	75.7
82.82			5918	39.2	265.3	28.9	268.9	35.6
81.49			5954	39.2	228.3	28.9	232.6	34.9
-15.68		Min	Cent	-14.4	-173.7	-48.5	-0.8	-187.3
-8.57			5955	-17.5	-332.2	-48.5	-10.2	-339.5
-41.28			5919	-17.5	-30.2	-48.5	25.1	-72.8
-42.22			5918	-20.7	-30.2	-48.5	23.3	-74.2
-8.66			5954	-20.7	-332.2	-48.5	-13.3	-339.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.64	Max	Cent		1495.5	1296.8	2085.7	3484.3	-691.9
62.89		5955		1892.4	5735.3	2666.4	7100.4	527.3
61.16		5919		2942.8	5042.9	1659.3	5956.5	2029.2
51.41		5918		2984.7	3694.8	1561.5	4941.1	1738.4
72.48		5954		3365.4	10663.1	2559.0	11471.0	2557.5

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-36.08	Min	Cent	-2227.3	-3983.4	-2729.0	-238.5	-5972.2
-23.10		5955	-1948.1	-8287.1	-3304.0	-539.2	-9696.0
-51.37		5919	-2477.8	-1263.9	-2686.2	883.1	-4624.8
-13.95		5918	-7062.6	-18157.8	-2937.8	-6332.7	-18887.7
-28.35		5954	-2612.6	-7411.0	-3652.5	-641.8	-9381.8

	NODE	Vxx	Vyy
Max	Cent	3.1	63.8
	5955	3.3	56.2
	5919	3.3	91.5
	5918	5.5	91.5
	5954	5.5	56.2
Min	Cent	-2.2	-38.4
	5955	-2.0	-80.3
	5919	-2.0	-16.0
	5918	-3.5	-16.0
	5954	-3.5	-80.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	pp	Cent	51.2	-251.7	-27.5	53.6	-254.2
-5.14		5955	124.5	-650.6	-27.5	125.5	-651.6
-2.03		5919	124.5	147.2	-27.5	165.6	106.2
-56.21		5918	-22.2	147.2	-27.5	151.5	-26.5
-81.02		5954	-22.2	-650.6	-27.5	-21.0	-651.8
-2.50							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-605.8	501.2	79.6	506.8	-611.5
85.91	5955	154.6	1350.2	122.6	1362.6	142.2
84.20	5919	-1529.0	-622.1	248.0	-558.7	-1592.4
75.66	5918	-1455.1	-967.8	52.3	-962.3	-1460.7
83.94	5954	406.2	2244.3	-73.1	2247.2	403.3
-87.73						

	NODE	Vxx	Vyy
-----	Cent	1.1	-1.0
	5955	1.2	-3.6
	5919	1.2	1.6
	5918	1.0	1.6
	5954	1.0	-3.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	-0.1	-2.8	-0.8	0.1	-3.0

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-15.87		5955	0.2	-4.8	-0.8	0.3	-4.9
-9.12		5919	0.2	-0.8	-0.8	0.7	-1.3
-29.56		5918	-0.5	-0.8	-0.8	0.2	-1.5
-39.38		5954	-0.5	-4.8	-0.8	-0.3	-4.9
-10.39							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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77.22	Cent	-6.8	19.8	6.4	21.2	-8.3
35.94	5955	-10.4	-19.6	14.0	-0.3	-29.7
27.50	5919	-23.4	-29.1	4.1	-21.2	-31.2
85.26	5918	23.2	76.2	4.4	76.6	22.8
78.63	5954	-16.8	51.5	14.3	54.4	-19.6

NODE	Vxx	Vyy
Cent	-0.0	-0.4
5955	0.0	-0.3
5919	0.0	-0.4
5918	-0.0	-0.4
5954	-0.0	-0.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

73.06	cedime~1	Cent	1.3	112.7	37.4	124.1	-10.1
81.54		5955	-12.5	233.3	37.4	238.9	-18.1
46.74		5919	-12.5	-8.0	37.4	27.2	-47.7
36.41		5918	15.1	-8.0	37.4	42.7	-35.5
80.54		5954	15.1	233.3	37.4	239.6	8.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-37.03		Cent	254.9	-155.9	-718.9	797.2	-698.2
-6.65		5955	-1955.4	-6681.3	-558.4	-1890.3	-6746.4
-15.37		5919	-173.1	-3075.8	-862.8	63.9	-3312.9
-69.06		5918	2241.2	4002.1	-789.6	4304.3	1939.0
-83.53		5954	906.7	5131.5	-485.2	5186.5	851.7

NODE	Vxx	Vyy
Cent	-1.3	-38.0
5955	-0.8	-48.2
5919	-0.8	-27.9

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			5918	-1.8	-27.9			
			5954	-1.8	-48.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

0.93	perm	Cent	17.0	-20.1	0.6	17.0	-20.1	
0.21		5955	38.9	-127.4	0.6	38.9	-127.4	
89.28		5919	38.9	87.1	0.6	87.1	38.9	
89.62		5918	-4.8	87.1	0.6	87.1	-4.8	
0.28		5954	-4.8	-127.4	0.6	-4.8	-127.4	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-80.52		Cent	-192.8	22.4	-37.0	28.5	-198.9	
-83.30		5955	186.6	710.0	-62.3	717.3	179.3	
79.52		5919	-530.3	-296.9	44.7	-288.6	-538.6	
-83.65		5918	-503.8	-421.5	-9.3	-420.4	-504.8	
-47.62		5954	76.5	97.8	-116.3	203.9	-29.7	
		NODE	Vxx	Vyy				
		Cent	0.5	1.6				
		5955	0.5	2.5				
		5919	0.5	0.6				
		5918	0.5	0.6				
		5954	0.5	2.5				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

79.96	INV TO~1	Max	Cent	105.8	527.2	77.1	540.9	99.4
82.07			5955	147.1	677.1	77.1	687.8	141.8
76.51			5919	147.1	445.2	77.1	455.8	141.9
77.92			5918	93.7	445.2	77.1	453.8	77.2
82.60			5954	93.7	677.1	77.1	687.1	83.7
-10.08		Min	Cent	-2.4	-263.8	-64.9	3.8	-279.0
-4.36			5955	2.7	-589.4	-64.9	4.8	-596.3
-61.48			5919	2.7	38.4	-64.9	53.4	-36.0
-67.77			5918	-32.8	38.4	-64.9	49.7	-69.3
-6.57			5954	-32.8	-589.4	-64.9	-25.3	-596.9
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

	Max	Cent	2301.5	1773.1	3455.1	5367.7	-798.2
43.87			5955	9949.6	30659.7	3537.3	31247.2
80.57			5919	3442.5	6511.0	5135.6	10336.6
53.32			5918	5766.7	8568.7	5280.5	11872.0
53.66			5954	11461.8	19624.4	3338.3	20522.8
72.52							10563.5
-32.72	Min	Cent	-3199.6	-6755.0	-4440.1	-808.4	-9681.4
-19.27			5955	-4398.7	-17158.9	-5081.1	-2622.6
-41.69			5919	-4048.6	-5078.9	-4444.5	-89.5
-18.69			5918	-14525.8	-24934.5	-4764.9	-13181.3
-8.24			5954	-3607.6	-37718.8	-5532.4	-2876.4

		NODE	Vxx	Vyy
	Max	Cent	14.8	195.2
		5955	4.9	298.3
		5919	4.9	124.0
		5918	29.6	124.0
		5954	29.6	298.3
	Min	Cent	-3.8	-88.3
		5955	-3.0	-154.0
		5919	-3.0	-48.9
		5918	-6.1	-48.9
		5954	-6.1	-154.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax
	INV TO~2	Max	Cent	105.8	527.2	77.1	540.9
79.96			5955	168.1	677.1	77.1	687.8
82.07			5919	168.1	445.2	77.1	455.8
76.51			5918	93.7	445.2	77.1	453.8
77.92			5954	93.7	677.1	77.1	687.1
82.60							83.7
-10.08		Min	Cent	-2.4	-339.8	-64.9	3.8
-4.36			5955	2.7	-878.3	-64.9	4.8
-61.48			5919	2.7	38.4	-64.9	53.4
-67.77			5918	-32.8	38.4	-64.9	49.7
-2.50			5954	-32.8	-878.3	-64.9	-28.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax
	Max	Cent	2301.5	1773.1	3455.1	5367.7	-798.2
43.87							

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80.57		5955	9949.6	30659.7	3537.3	31247.2	9362.1
53.32		5919	3442.5	6511.0	5135.6	10336.6	-383.1
53.66		5918	5766.7	8568.7	5280.5	11872.0	2463.4
72.52		5954	11461.8	19624.4	3338.3	20522.8	10563.5
-32.72	Min	Cent	-3199.6	-6755.0	-4440.1	-808.4	-9681.4
-19.27		5955	-4398.7	-17158.9	-5081.1	-2622.6	-18934.9
75.66		5919	-4048.6	-5078.9	-4444.5	-754.2	-9038.0
-18.69		5918	-14525.8	-24934.5	-4764.9	-13181.3	-26279.1
-8.24		5954	-3607.6	-37718.8	-5532.4	-2876.4	-38450.0

	NODE	Vxx	Vyy
Max	Cent	14.8	195.2
	5955	4.9	298.3
	5919	4.9	124.0
	5918	29.6	124.0
	5954	29.6	298.3
Min	Cent	-3.8	-88.3
	5955	-3.0	-154.0
	5919	-3.0	-48.9
	5918	-6.1	-48.9
	5954	-6.1	-154.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3785	2	24	c mob-a	Max	Cent	2.3	0.2	1.0	2.7	-0.2
22.48					4630	2.9	0.3	1.6	3.7	-0.5
25.79					4600	3.6	0.8	19.7	22.0	-17.5
42.99					4599	1.0	4.9	2.5	6.1	-0.2
63.94					4628	1.7	48.5	2.0	48.6	1.6
87.61				Min	Cent	-646.1	-61.7	-286.5	55.3	-763.1
-67.78					4630	-798.4	-76.7	-451.1	140.1	-1015.2
-64.33					4600	-1002.4	-226.8	-19.5	-226.4	-1002.9
-88.56					4599	-286.9	-2.1	-41.1	3.7	-292.8
-81.94					4628	-461.3	-0.1	-549.1	364.8	-826.3
-56.39										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	1794.8	3454.2	11546.7	14201.0	-8952.0
47.06					4630	5837.4	7390.8	15939.4	22572.4	-9344.2
46.39					4600	1633.1	5559.0	10459.8	14238.4	-7046.4
50.31					4599	5588.8	2853.1	7510.5	11855.0	-3413.2

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39.84							
46.72		4628	1440.3	3485.0	17039.0	19532.3	-14607.0
-17.01	Min	Cent	-1703.9	-21545.6	-6697.8	345.4	-23594.9
-13.13		4630	-862.0	-26998.5	-6444.9	640.9	-28501.3
-16.44		4600	-4673.5	-29177.2	-7919.3	-2336.9	-31513.8
-23.33		4599	-2812.9	-17330.8	-7693.2	505.3	-20649.1
-10.50		4628	-6277.7	-25928.5	-3772.5	-5578.4	-26627.9

	NODE	Vxx	Vyy
Max	Cent	3.1	4.1
	4630	7.6	17.7
	4600	9.5	11.5
	4599	3.5	11.1
	4628	2.9	44.9
Min	Cent	-3.9	-8.9
	4630	-1.2	-24.2
	4600	-1.3	-46.3
	4599	-14.6	-44.5
	4628	-12.2	-8.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
23.07	c mob-b	Max	Cent	1.7	0.2	0.8	2.0	-0.2
26.12			4630	2.1	0.2	1.2	2.7	-0.4
43.93			4600	2.6	0.6	26.8	28.4	-25.2
60.73			4599	0.8	7.3	5.3	10.3	-2.2
88.40			4628	1.2	53.1	1.5	53.1	1.2
-67.73		Min	Cent	-691.6	-66.5	-307.5	59.4	-817.5
-64.32			4630	-855.6	-82.6	-483.6	150.0	-1088.1
-88.16			4600	-1074.3	-243.6	-26.7	-242.8	-1075.2
-81.08			4599	-306.3	-3.6	-48.7	4.1	-313.9
-56.35			4628	-493.0	-0.1	-588.9	391.8	-884.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
48.80	Max	Cent	2456.1	6478.0	15068.3	19668.9	-10734.8	
49.92			4630	6473.1	13563.6	20419.5	30743.3	-10706.6
53.08			4600	2571.5	10832.5	14251.1	21539.6	-8135.6
41.38			4599	7373.0	4846.2	9957.1	16146.5	-3927.3
48.01			4628	2164.3	6438.8	20246.0	24660.1	-16057.0
-19.86	Min	Cent	-2371.5	-26235.7	-9912.7	1208.9	-29816.1	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.84	4630	-1289.6	-34636.4	-10291.1	1630.6	-37556.6
-18.10	4600	-5702.7	-37218.7	-11533.1	-1933.1	-40988.3
-24.88	4599	-3961.3	-21594.9	-10416.5	868.9	-26425.1
-13.05	4628	-7569.4	-31377.2	-5831.1	-6218.0	-32728.6

	NODE	Vxx	Vyy
Max	Cent	3.9	5.7
	4630	8.2	29.3
	4600	10.8	22.0
	4599	5.5	21.1
	4628	4.3	56.8
Min	Cent	-5.3	-10.5
	4630	-1.9	-33.2
	4600	-2.0	-60.7
	4599	-18.2	-58.3
	4628	-14.9	-12.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.74	pp	Cent	-1590.8	-153.2	-706.9	136.2	-1880.2
-64.25		4630	-1963.5	-190.4	-1114.7	347.3	-2501.2
-89.95		4600	-2461.7	-557.3	-1.7	-557.3	-2461.7
-83.65		4599	-708.3	-0.3	-79.8	8.6	-717.2
-57.37		4628	-1138.2	110.7	-1354.8	978.0	-2005.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
11.44	Cent	529.7	-7587.6	1713.3	876.4	-7934.4
15.18	4630	3279.0	-7696.8	3215.3	4151.5	-8569.3
6.75	4600	-928.7	-8590.9	919.6	-819.8	-8699.7
-0.07	4599	1462.9	-5532.5	-8.3	1462.9	-5532.5
28.78	4628	-1772.1	-8993.9	5681.8	1349.1	-12115.1

	NODE	Vxx	Vyy
	Cent	-0.1	-3.5
	4630	3.7	-6.4
	4600	4.1	-11.6
	4599	-4.8	-11.3
	4628	-4.1	12.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.88	vento -y	Cent	51.8	5.8	23.6	61.7	-4.2
		4630	63.7	7.0	36.7	81.8	-11.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

26.16		4600	79.6	18.6	1.0	79.6	18.5
0.97		4599	23.4	0.7	3.5	23.9	0.2
8.55		4628	37.3	-2.6	44.4	66.0	-31.3
32.91							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----		Cent	-6.8	-170.1	53.1	8.9	-185.9
16.52		4630	64.7	-150.2	94.9	100.6	-186.1
20.73		4600	-42.0	-192.3	26.0	-37.6	-196.7
9.54		4599	0.4	-136.5	5.7	0.6	-136.7
2.37		4628	-52.7	-207.7	144.9	34.1	-294.5
30.93							

	NODE	Vxx	Vyy
-----	Cent	0.0	-0.1
	4630	0.1	-0.1
	4600	0.1	-0.2
	4599	-0.1	-0.2
	4628	-0.1	0.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-----		Cent	129.0	13.6	58.9	153.8	-11.2
22.79	cedime~1	4630	158.8	16.6	91.5	203.6	-28.1
26.08		4600	198.5	45.8	2.6	198.6	45.7
0.98		4599	58.5	1.3	8.8	59.8	-0.1
8.55		4628	92.9	-7.4	110.6	164.2	-78.7
32.81							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----		Cent	-28.9	499.0	-194.2	562.7	-92.7
-71.83		4630	-263.4	426.9	-332.7	561.2	-397.6
-68.03		4600	88.8	550.4	-111.8	576.1	63.1
-77.07		4599	-67.8	406.6	-40.8	410.1	-71.3
-85.12		4628	133.4	638.3	-499.8	945.8	-174.1
-58.40							

	NODE	Vxx	Vyy
-----	Cent	-0.0	0.1
	4630	-0.3	0.3
	4600	-0.3	0.6
	4599	0.3	0.6
	4628	0.3	-1.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.73	perm	Cent	-504.2	-48.8	-224.2	43.1	-596.0
-64.24		4630	-622.5	-60.6	-353.6	110.1	-793.1
-89.96		4600	-780.6	-177.0	-0.4	-177.0	-780.6
-83.67		4599	-224.1	-0.2	-25.2	2.6	-226.9
-57.36		4628	-360.6	35.0	-429.8	310.3	-635.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
7.11		Cent	288.7	-3026.2	419.8	341.0	-3078.6
5.99		4630	1057.8	-3920.8	528.1	1113.2	-3976.2
8.74		4600	-319.3	-3644.5	523.8	-238.7	-3725.0
5.60		4599	763.0	-1880.5	261.6	788.7	-1906.2
25.06		4628	-358.2	-2777.3	1447.9	318.9	-3454.4
		NODE	Vxx	Vyy			
		Cent	-0.0	-3.7			
		4630	1.2	-4.8			
		4600	1.4	-6.1			
		4599	-1.6	-6.0			
		4628	-1.4	1.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-67.73	INV TO~1 Max	Cent	-372.1	-34.8	-163.9	123.2	-438.6
-64.29		4630	-459.8	-43.5	-259.9	312.5	-584.7
85.13		4600	-577.2	-130.1	38.4	-126.8	-580.5
-87.01		4599	-164.3	10.9	-9.2	11.3	-164.7
-56.71		4628	-265.5	106.6	-316.5	839.0	-448.3
-67.91	Min	Cent	-1437.9	-138.5	-639.3	31.7	-1699.6
-64.34		4630	-1777.5	-172.1	-1006.4	81.3	-2262.1
-88.79		4600	-2230.9	-505.9	-36.4	-505.1	-2231.7
-82.04		4599	-637.6	-5.1	-90.9	7.7	-650.4
-59.98		4628	-1026.1	27.4	-1224.8	282.2	-1830.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.84		Max	Cent	3604.5	6218.1	20762.0	25507.0	-15713.4
47.34				4630	9796.5	14816.9	28094.4	-15712.1
50.95				4600	3241.0	11529.8	19762.8	-12697.8
39.23				4599	10716.6	5068.5	13703.7	-6086.2
46.67				4628	2696.9	6553.4	28780.1	-23720.8
-18.06		Min	Cent	-2941.7	-38444.4	-13156.6	1313.4	-42670.5
-14.53				4630	-946.6	-50680.0	-13697.6	-54028.4
-16.63				4600	-8017.9	-53889.8	-15157.7	-3523.3
-23.11				4599	-4652.5	-31033.7	-13841.5	1304.9
-10.20				4628	-10576.9	-45136.5	-6923.9	-9421.4

		NODE	Vxx	Vyy
Max	Cent		5.2	4.1
		4630	12.4	35.1
		4600	15.9	24.1
		4599	6.2	23.0
		4628	4.7	78.1
Min	Cent		-7.2	-17.9
		4630	-1.6	-49.7
		4600	-1.7	-88.0
		4599	-26.2	-84.8
		4628	-21.5	-16.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-67.74	INV TO~2	Max	Cent	-372.1	-34.8	-163.9	183.9	-438.6
-64.25				4630	-459.8	-43.5	-259.9	468.9
85.13				4600	-577.2	-130.1	38.4	-126.8
-83.65				4599	-164.3	10.9	-9.2	11.6
-57.37				4628	-265.5	149.4	-316.5	1320.3
-67.91		Min	Cent	-2147.6	-206.8	-954.3	31.7	-2538.2
-64.34				4630	-2650.7	-257.0	-1504.9	81.3
-89.95				4600	-3323.3	-752.4	-36.4	-752.4
-82.04				4599	-956.2	-5.1	-107.8	7.7
-59.98				4628	-1536.5	27.4	-1829.0	282.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

46.84		Max	Cent	3604.5	6218.1	20762.0	25507.0	-10711.4
47.34				4630	9796.5	14816.9	28094.4	-11568.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.95		4600	3241.0	11529.8	19762.8	27468.6	-11744.6
39.23		4599	10716.6	5068.5	13703.7	21803.4	-6086.2
46.67		4628	2696.9	6553.4	28780.1	33068.1	-16355.4
11.44	Min	Cent	-2941.7	-38444.4	-13156.6	1183.2	-42670.5
-14.53		4630	-946.6	-50680.0	-13697.6	2603.1	-54028.4
-16.63		4600	-8017.9	-53889.8	-15157.7	-3523.3	-58384.4
-23.11		4599	-4652.5	-31033.7	-13841.5	1304.9	-36923.2
-10.20		4628	-10576.9	-45136.5	-6923.9	-9421.4	-46292.0

	NODE	Vxx	Vyy
Max	Cent	5.2	4.1
	4630	12.4	35.1
	4600	15.9	24.1
	4599	6.2	23.0
	4628	4.7	78.1
Min	Cent	-7.2	-17.9
	4630	-1.6	-49.7
	4600	-1.7	-88.0
	4599	-26.2	-84.8
	4628	-21.5	-16.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3845	2	14	c mob-a	Max	Cent	132.5	333.5	61.6	350.9	115.1
74.25					5920	195.3	231.7	61.6	277.7	149.3
53.22					5885	195.3	539.8	61.6	550.5	184.6
80.16					5884	89.4	539.8	61.6	548.1	81.1
82.35					5919	89.4	231.7	61.6	254.7	66.4
69.55				Min	Cent	-28.3	-13.2	-61.3	41.0	-82.6
-48.51					5920	-31.4	-25.4	-61.3	33.0	-89.8
-46.40					5885	-31.4	-61.7	-61.3	16.6	-109.7
-38.06					5884	-26.3	-61.7	-61.3	19.8	-107.8
-36.94					5919	-26.3	-25.4	-61.3	35.5	-87.2

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	650.3	835.4	1253.3	1999.5	-513.8
47.11	5920	1856.7	5390.0	1156.9	5735.1	1511.6
73.39	5885	4704.3	10137.4	1984.3	10784.9	4056.8
71.93	5884	2765.4	2146.1	2097.6	4576.0	335.4
40.80	5919	299.1	295.6	1392.0	1689.4	-1094.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.96								
-19.10	Min	Cent	-1600.1	-4322.2	-1071.4	-1229.0	-4693.3	
-59.96			5920	-2379.8	-1245.7	-985.1	-676.1	-2949.4
-41.30			5885	-642.6	-1050.0	-1568.7	735.6	-2428.2
-8.70			5884	-6619.8	-18761.5	-1902.3	-6328.7	-19052.6
-10.42			5919	-5541.2	-12519.9	-1327.8	-5297.1	-12764.0

		NODE	Vxx	Vyy
Max	Cent		1.2	74.2
		5920	0.8	67.2
		5885	0.8	103.2
		5884	2.3	103.2
		5919	2.3	67.2
Min	Cent		-3.3	-2.5
		5920	-4.6	-2.3
		5885	-4.6	-6.1
		5884	-4.8	-6.1
		5919	-4.8	-2.3

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
71.93	c mob-b	Max	Cent	143.7	360.8	79.3	386.7	117.8
49.63			5920	215.7	241.6	79.3	309.0	148.3
78.10			5885	215.7	575.2	79.3	591.9	199.0
81.02			5884	86.0	575.2	79.3	587.7	73.5
67.22			5919	86.0	241.6	79.3	274.9	52.7
-48.33		Min	Cent	-30.7	-16.4	-61.5	38.4	-85.5
-48.21			5920	-39.0	-25.2	-61.5	29.8	-94.0
-48.21			5885	-39.0	-25.2	-61.5	29.8	-94.0
-45.88			5884	-29.0	-25.2	-61.5	34.5	-88.6
-45.88			5919	-29.0	-25.2	-61.5	34.5	-88.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.20		Max	Cent	804.1	828.0	1699.8	2515.9	-883.8
77.53			5920	2001.5	7859.7	1361.7	8160.8	1700.5
79.28			5885	6114.6	16021.9	1944.4	16389.9	5746.7
62.53			5884	3070.3	5901.4	2016.5	6949.6	2022.1
47.41			5919	2511.5	2757.8	1460.5	4100.4	1169.0
-30.20		Min	Cent	-2144.7	-4879.3	-2406.4	-744.3	-6279.7
-39.95			5920	-1972.6	-2592.4	-1740.6	-514.5	-4050.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-31.42	5885	-783.3	-4422.4	-3546.2	1382.9	-6588.6
-11.93	5884	-11267.1	-28928.8	-3905.2	-10442.2	-29753.8
-10.58	5919	-4997.3	-15817.3	-2094.5	-4606.0	-16208.6

	NODE	Vxx	Vyy
Max	Cent	2.6	104.4
	5920	0.9	88.3
	5885	0.9	160.9
	5884	6.1	160.9
	5919	6.1	88.3
Min	Cent	-2.9	-18.9
	5920	-3.7	-17.5
	5885	-3.7	-35.4
	5884	-3.2	-35.4
	5919	-3.2	-17.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.08	pp	Cent	300.6	517.3	57.2	531.5	286.4
12.94		5920	426.4	190.4	57.2	439.5	177.2
82.34		5885	426.4	844.2	57.2	851.9	418.7
85.15		5884	174.8	844.2	57.2	849.1	170.0
48.88		5919	174.8	190.4	57.2	240.4	124.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.41	Cent	-1156.3	-1336.4	557.4	-681.7	-1811.0
77.07	5920	-1667.0	614.3	552.7	741.2	-1793.8
22.72	5885	-91.2	-1298.7	613.3	165.7	-1555.5
14.19	5884	-990.8	-2639.8	445.4	-878.1	-2752.4
39.66	5919	-1876.4	-2021.5	384.8	-1557.3	-2340.6

	NODE	Vxx	Vyy
	Cent	-1.7	7.4
	5920	-2.3	10.5
	5885	-2.3	4.4
	5884	-1.2	4.4
	5919	-1.2	10.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-39.83	vento -y	Cent	0.4	0.0	-0.9	1.1	-0.7
-19.74		5920	0.9	-1.4	-0.9	1.2	-1.7
		5885	0.9	1.4	-0.9	2.1	0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-52.79		5884	-0.2	1.4	-0.9	1.8	-0.6
-65.16		5919	-0.2	-1.4	-0.9	0.3	-1.9
-28.61							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-3.3	9.3	19.0	23.0	-17.0
54.14		5920	-11.0	13.2	16.4	21.5	-19.2
63.22		5885	-4.7	-8.8	23.5	16.8	-30.3
42.52		5884	12.3	22.3	22.5	40.4	-5.8
51.21		5919	-9.7	10.5	15.4	18.8	-18.0
61.58							

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	5920	-0.0	0.0
	5885	-0.0	-0.1
	5884	-0.0	-0.1
	5919	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	cedime~1	Cent	-42.3	-68.6	31.7	-21.1	-89.7
33.70		5920	-70.5	-16.2	31.7	-1.6	-85.1
65.33		5885	-70.5	-121.1	31.7	-55.3	-136.3
25.71		5884	-14.0	-121.1	31.7	-5.3	-129.7
15.30		5919	-14.0	-16.2	31.7	16.6	-46.8
44.01							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	-194.7	-917.0	-646.0	184.3	-1296.0
-30.40		5920	-605.3	-3977.6	-294.6	-579.7	-4003.2
-4.95		5885	-662.7	-2883.9	-1201.9	-136.8	-3409.8
-23.63		5884	-862.4	898.1	-1182.5	1492.1	-1456.4
-63.33		5919	1351.6	2295.4	-275.2	2369.8	1277.3
-74.88							

	NODE	Vxx	Vyy
	Cent	1.2	-19.4
	5920	0.4	-23.1
	5885	0.4	-15.6
	5884	1.9	-15.6
	5919	1.9	-23.1

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
70.78	perm	Cent	93.2	186.2	36.9	199.1	80.4
32.82		5920	132.6	99.2	36.9	156.4	75.4
76.15		5885	132.6	273.3	36.9	282.4	123.5
80.70		5884	53.8	273.3	36.9	279.3	47.8
60.78		5919	53.8	99.2	36.9	119.8	33.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
37.61		Cent	-411.3	-507.6	182.4	-270.8	-648.1
79.66		5920	-572.3	273.5	159.7	302.6	-601.5
35.40		5885	88.2	-54.7	205.3	234.1	-200.7
10.11		5884	-466.6	-1311.3	155.6	-438.8	-1339.1
21.07		5919	-694.6	-937.6	109.9	-652.2	-980.0
		NODE	Vxx	Vyy			
		Cent	-0.6	4.6			
		5920	-0.8	4.8			
		5885	-0.8	4.4			
		5884	-0.4	4.4			
		5919	-0.4	4.8			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
71.64	INV TO~1 Max	Cent	287.2	673.4	175.6	721.1	239.4
45.15		5920	423.8	425.3	175.6	568.6	280.6
77.65		5885	423.8	1049.8	175.6	1081.3	392.3
80.89		5884	174.6	1049.8	175.6	1072.9	151.5
62.64		5919	174.6	425.3	175.6	500.0	109.0
-80.70	Min	Cent	9.5	95.5	-46.1	97.9	7.1
-71.82		5920	9.4	48.7	-46.1	53.5	4.6
-77.02		5885	9.4	68.9	-46.1	72.2	6.1
-78.49		5884	0.8	68.9	-46.1	71.8	-2.2
-74.44		5919	0.8	48.7	-46.1	52.8	-12.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	674.2	620.2	2477.1	3124.5	-1780.4

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44.69			5920	2129.7	10884.1	1998.0	11318.5	1695.3
77.73			5885	8342.9	21574.9	2884.1	22176.2	7741.6
78.22			5884	3678.4	7553.7	2987.3	8504.6	2206.8
58.24			5919	4047.6	5080.9	2081.6	6443.2	2685.3
52.98		Min	Cent	-3501.3	-8011.6	-3712.2	-1596.7	-10100.0
-29.15			5920	-4390.4	-7203.9	-2484.7	-2941.9	-8652.4
-30.24			5885	-1631.9	-8908.9	-5784.0	1562.8	-12103.6
-28.91			5884	-16539.6	-40365.2	-6299.0	-14923.1	-41383.6
-14.39			5919	-8175.2	-22291.0	-2992.8	-7670.0	-22796.1
-10.53								

		NODE	Vxx	Vyy
Max	Cent		4.0	145.5
		5920	0.8	124.0
		5885	0.8	221.7
		5884	9.8	221.7
		5919	9.8	124.0
Min	Cent		-5.0	-40.2
		5920	-7.1	-42.0
		5885	-7.1	-58.9
		5884	-6.8	-58.9
		5919	-6.8	-42.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
71.64	INV TO~2	Max	Cent	405.8	698.4	175.6	721.1	386.6
12.94			5920	575.6	425.3	175.6	593.3	280.6
82.34			5885	575.6	1139.7	175.6	1150.1	565.2
85.15			5884	236.0	1139.7	175.6	1146.2	229.4
62.64			5919	236.0	425.3	175.6	500.0	168.5
-80.70		Min	Cent	9.5	95.5	-46.1	97.9	7.1
-71.82			5920	9.4	48.7	-46.1	53.5	4.6
-77.02			5885	9.4	68.9	-46.1	72.2	6.1
-78.49			5884	0.8	68.9	-46.1	71.8	-2.2
-74.44			5919	0.8	48.7	-46.1	52.8	-12.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.69		Max	Cent	674.2	620.2	2477.1	3124.5	-1780.4
77.73			5920	2129.7	10884.1	1998.0	11318.5	1695.3
78.22			5885	8342.9	21574.9	2884.1	22176.2	7741.6

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58.24			5884	3678.4	7553.7	2987.3	8504.6	2206.8
52.98			5919	4047.6	5080.9	2081.6	6443.2	2685.3
-29.15		Min	Cent	-3501.3	-8011.6	-3712.2	-1596.7	-10100.0
-30.24			5920	-4390.4	-7203.9	-2484.7	-2941.9	-8652.4
22.72			5885	-1631.9	-8908.9	-5784.0	223.7	-12103.6
-14.39			5884	-16539.6	-40365.2	-6299.0	-14923.1	-41383.6
-10.53			5919	-8175.2	-22291.0	-2992.8	-7670.0	-22796.1

	NODE	Vxx	Vyy
Max	Cent	4.0	145.5
	5920	0.8	124.0
	5885	0.8	221.7
	5884	9.8	221.7
	5919	9.8	124.0
Min	Cent	-5.0	-40.2
	5920	-7.1	-42.0
	5885	-7.1	-58.9
	5884	-6.8	-58.9
	5919	-6.8	-42.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3846	2	14	c mob-a	Max	Cent	49.5	235.3	36.5	242.3	42.6
79.27					5956	46.4	286.0	36.5	291.4	40.9
81.52					5920	46.4	223.4	36.5	230.7	39.2
78.79					5919	66.2	223.4	36.5	231.5	58.1
77.54					5955	66.2	286.0	36.5	291.9	60.3
80.81				Min	Cent	-33.3	-194.9	-34.7	-26.1	-202.0
-11.61					5956	-51.0	-360.7	-34.7	-47.2	-364.5
-6.31					5920	-51.0	-43.0	-34.7	-12.1	-81.9
-48.30					5919	-19.6	-43.0	-34.7	5.3	-67.9
-35.69					5955	-19.6	-360.7	-34.7	-16.1	-364.2
-5.75										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	395.8	1314.5	1091.2	2039.1	-328.9
56.41					5956	7690.0	22979.6	1284.0	23086.6	7582.9
85.23					5920	3472.2	5873.0	1253.2	6408.0	2937.3
66.88					5919	541.8	284.2	1310.2	1729.5	-903.5
42.19					5955	542.1	1694.5	1396.3	2628.8	-392.2
56.21				Min	Cent	-1155.6	-3479.8	-970.6	-803.5	-3831.8

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-19.93							
	5956	-645.4	-970.1	-979.4	185.0	-1800.5	
-40.29							
	5920	-1015.9	-1015.3	-907.4	-108.1	-1923.0	
-45.01							
	5919	-4652.6	-12822.1	-1241.3	-4468.2	-13006.5	
-8.45							
	5955	-7538.2	-27020.2	-1314.3	-7450.0	-27108.4	
-3.84							

	NODE	Vxx	Vyy
Max	Cent	1.6	119.3
	5956	2.7	184.3
	5920	2.7	67.2
	5919	2.5	67.2
	5955	2.5	184.3
Min	Cent	-2.0	-1.9
	5956	-3.8	-9.0
	5920	-3.8	-2.3
	5919	-1.2	-2.3
	5955	-1.2	-9.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

74.04	c mob-b	Max	Cent	59.1	185.9	39.5	197.2	47.8
			5956	50.0	212.1	39.5	221.2	40.9
77.01			5920	50.0	235.9	39.5	244.0	42.0
78.49			5919	75.4	235.9	39.5	245.1	66.2
76.90			5955	75.4	212.1	39.5	222.7	64.8
75.00		Min	Cent	-22.2	-187.9	-32.9	-15.9	-194.2
-10.82			5956	-34.7	-344.2	-32.9	-31.2	-347.7
-5.99			5920	-34.7	-37.8	-32.9	-3.4	-69.2
-43.63			5919	-18.1	-37.8	-32.9	6.3	-62.3
-36.66			5955	-18.1	-344.2	-32.9	-14.9	-347.5
-5.70								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

45.82	Max	Cent	609.4	711.8	1781.6	2443.0	-1121.8
		5956	2605.5	7527.0	1958.3	8211.1	1921.4
70.74		5920	2133.7	7849.6	1530.8	8233.8	1749.5
75.91		5919	2273.8	2745.4	1562.6	4089.9	929.3
49.29		5955	792.6	2423.5	1995.6	3763.9	-547.8
56.11	Min	Cent	-1331.1	-2899.3	-2037.3	67.8	-4298.2
-34.48		5956	-1000.4	-1773.0	-2182.3	829.6	-3603.0
-39.98		5920	-1097.9	-2263.3	-1837.3	246.9	-3608.1
-36.20							

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-11.34	5919	-6271.6	-16191.5	-2073.4	-5855.6	-16607.4
-18.48	5955	-1988.0	-8642.6	-2503.0	-1151.7	-9479.0

	NODE	Vxx	Vyy
Max	Cent	2.3	60.6
	5956	1.7	59.9
	5920	1.7	88.3
	5919	3.3	88.3
Min	5955	3.3	59.9
	Cent	-1.6	-2.0
	5956	-1.6	-14.0
	5920	-1.6	-17.5
	5919	-2.0	-17.5
5955	-2.0	-14.0	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.45	pp	Cent	77.0	-280.9	15.3	77.7	-281.6
1.21		5956	38.3	-685.2	15.3	38.6	-685.5
80.09		5920	38.3	123.3	15.3	126.0	35.6
51.93		5919	115.8	123.3	15.3	135.3	103.8
1.10		5955	115.8	-685.2	15.3	116.1	-685.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
73.74	Cent	-626.9	722.1	429.9	847.5	-752.2
85.59	5956	861.2	6232.4	416.5	6264.5	829.1
71.37	5920	-481.7	969.9	552.2	1156.1	-667.9
41.14	5919	-1956.1	-2045.5	330.0	-1667.8	-2333.8
8.10	5955	-930.9	-2268.4	194.3	-903.3	-2296.1

	NODE	Vxx	Vyy
	Cent	0.5	21.4
	5956	-0.3	32.4
	5920	-0.3	10.5
	5919	1.2	10.5
	5955	1.2	32.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.20	vento -y	Cent	0.2	-2.9	-0.8	0.4	-3.1
-9.16		5956	0.3	-4.4	-0.8	0.4	-4.5
		5920	0.3	-1.4	-0.8	0.6	-1.7
-21.20		5919	0.2	-1.4	-0.8	0.5	-1.7

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-22.40
-9.41

5955 0.2 -4.4 -0.8 0.3 -4.5
 NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -6.2 14.0 11.0 18.8 -11.0
 66.31 5956 -12.1 -22.3 9.7 -6.3 -28.2
 31.08 5920 -13.2 12.5 12.0 17.3 -18.0
 68.50 5919 -11.7 9.9 11.8 15.1 -16.9
 66.17 5955 12.2 55.9 9.5 57.9 10.3
 78.27

NODE Vxx Vyy

 Cent 0.0 -0.1
 5956 0.0 -0.3
 5920 0.0 0.0
 5919 0.0 0.0
 5955 0.0 -0.3

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

cedime~1 Cent 9.6 131.2 37.8 142.0 -1.2
 74.07 5956 26.1 263.1 37.8 268.9 20.2
 81.15 5920 26.1 -0.6 37.8 52.8 -27.4
 35.28 5919 -7.0 -0.6 37.8 34.1 -41.7
 47.39 5955 -7.0 263.1 37.8 268.3 -12.1
 82.18

NODE Mxx Myy Mxy Mmax Mmin
 ANGLE

Cent 83.2 -1240.3 -954.5 582.9 -1740.0
 -27.63 5956 -415.9 -7185.7 -739.0 -336.1 -7265.5
 -6.16 5920 -2040.0 -4408.0 -900.1 -1736.7 -4711.4
 -18.62 5919 1446.8 2324.0 -836.1 2829.5 941.3
 -58.84 5955 1341.7 4308.7 -674.9 4455.0 1195.3
 -77.77

NODE Vxx Vyy

 Cent 1.0 -33.9
 5956 2.7 -44.6
 5920 2.7 -23.1
 5919 -0.8 -23.1
 5955 -0.8 -44.6

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

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13.87	perm	Cent	25.5	-29.2	14.4	29.1	-32.8
5.35		5956	14.9	-137.4	14.4	16.3	-138.7
77.88		5920	14.9	78.9	14.4	82.0	11.8
73.02		5919	36.1	78.9	14.4	83.3	31.7
4.71		5955	36.1	-137.4	14.4	37.3	-138.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

78.59		Cent	-239.6	81.6	67.6	95.2	-253.2
88.94		5956	305.9	2123.5	33.5	2124.1	305.3
77.97		5920	-136.0	404.3	120.6	430.0	-161.7
14.21		5919	-725.3	-946.8	60.0	-710.1	-962.0
-1.82		5955	-402.8	-1254.7	-27.1	-401.9	-1255.6
		NODE	Vxx	Vyy			
		Cent	0.2	8.8			
		5956	-0.1	12.9			
		5920	-0.1	4.8			
		5919	0.5	4.8			
		5955	0.5	12.9			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

72.65	INV TO~1	Max	Cent	114.9	419.7	105.5	452.6
76.19			5956	108.5	511.7	105.5	537.7
71.90			5920	108.5	397.4	105.5	431.2
70.78			5919	137.9	397.4	105.5	433.5
75.50			5955	137.9	511.7	105.5	539.0
-6.68		Min	Cent	-19.4	-292.3	-32.4	-15.6
-3.24			5956	-53.9	-624.3	-32.4	-52.1
83.68			5920	-53.9	20.2	-32.4	20.8
74.21			5919	2.7	20.2	-32.4	21.8
0.85			5955	2.7	-624.3	-32.4	2.8
ANGLE			NODE	Mxx	Myy	Mxy	Mmax
52.22		Max	Cent	666.3	1856.1	2472.8	3773.0
			5956	10687.3	33145.9	2677.2	33460.6

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83.30							
		5920	4551.5	11001.3	2187.3	11673.1	3879.7
72.93							
		5919	3791.1	5083.4	2169.5	5919.0	2955.5
57.93							
		5955	2008.9	6325.8	2667.0	7104.5	1230.1
68.65							
	Min	Cent	-2036.6	-5856.4	-3637.4	-349.6	-8032.8
-32.16							
		5956	-1460.6	-7455.8	-3651.6	266.2	-9182.6
-25.31							
		5920	-3658.2	-7059.2	-3259.9	-1681.9	-9035.5
-31.23							
		5919	-9192.0	-22805.3	-3575.2	-8661.5	-23335.8
-10.96							
		5955	-10579.4	-37731.9	-4081.1	-10158.6	-38152.7
-7.04							

	NODE	Vxx	Vyy
Max	Cent	4.3	169.9
	5956	6.3	261.7
	5920	6.3	124.0
	5919	4.9	124.0
	5955	4.9	261.7
Min	Cent	-2.5	-27.8
	5956	-5.3	-50.6
	5920	-5.3	-42.0
	5919	-3.0	-42.0
	5955	-3.0	-50.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	114.9	419.7	105.5	452.6	83.0
72.65								
			5956	108.5	511.7	105.5	537.7	82.6
76.19								
			5920	108.5	397.4	105.5	431.2	74.0
71.90								
			5919	156.3	397.4	105.5	433.5	140.1
70.78								
			5955	156.3	511.7	105.5	539.0	105.8
75.50								
	Min	Cent	-19.4	-379.3	-32.4	-15.6	-380.1	
-6.68								
			5956	-53.9	-925.0	-32.4	-52.1	-925.4
-3.24								
			5920	-53.9	20.2	-32.4	20.8	-66.0
83.68								
			5919	2.7	20.2	-32.4	21.8	-17.6
74.21								
			5955	2.7	-925.0	-32.4	2.8	-925.4
0.85								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	666.3	1856.1	2472.8	3773.0	-877.4
52.22							
			5956	10687.3	33145.9	2677.2	33460.6
83.30							
			5920	4551.5	11001.3	2187.3	11673.1
72.93							
			5919	3791.1	5083.4	2169.5	5919.0
57.93							

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68.65		5955	2008.9	6325.8	2667.0	7104.5	1230.1
-32.16	Min	Cent	-2036.6	-5856.4	-3637.4	-349.6	-8032.8
-25.31		5956	-1460.6	-7455.8	-3651.6	266.2	-9182.6
-31.23		5920	-3658.2	-7059.2	-3259.9	-1681.9	-9035.5
-10.96		5919	-9192.0	-22805.3	-3575.2	-8661.5	-23335.8
-7.04		5955	-10579.4	-37731.9	-4081.1	-10158.6	-38152.7

	NODE	Vxx	Vyy
Max	Cent	4.3	169.9
	5956	6.3	261.7
	5920	6.3	124.0
	5919	4.9	124.0
	5955	4.9	261.7
Min	Cent	-2.5	-27.8
	5956	-5.3	-50.6
	5920	-5.3	-42.0
	5919	-3.0	-42.0
	5955	-3.0	-50.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3851	2	24	c mob-a	Max	Cent	22.6	3.4	1.0	22.6	3.3
2.87					3454	36.7	44.8	1.9	45.2	36.3
77.16					3423	12.2	2.3	0.9	12.3	2.2
5.26					3422	9.2	1.6	0.9	9.3	1.5
6.59					3453	33.8	43.6	1.5	43.8	33.6
81.59				Min	Cent	-1.0	-4.1	-36.4	33.9	-39.0
-43.80					3454	-0.5	-1.0	-28.6	27.8	-29.4
-44.74					3423	-0.4	-44.1	-30.7	15.4	-59.9
-27.23					3422	-3.0	-45.5	-44.7	25.2	-73.8
-32.29					3453	-2.6	-1.0	-42.4	40.6	-44.2
-45.55										

	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	42.2	409.4	93.2	431.7	19.9
76.54			3454	131.6	1057.5	268.0	1129.5	59.6
74.97			3423	26.4	860.6	254.6	932.2	-45.2
74.30			3422	17.7	1801.6	38.0	1802.4	16.9
88.78			3453	44.6	294.8	48.9	304.0	35.4
79.32		Min	Cent	-105.9	-4843.2	-576.8	-36.7	-4912.4
-6.84			3454	-95.6	-7350.7	-492.4	-62.3	-7383.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.87							
		3423	-143.2	-13695.4	-555.1	-120.5	-13718.1
-2.34							
		3422	-6.9	-114.7	-590.6	532.3	-653.9
-42.39							
		3453	-222.8	-809.6	-540.2	98.5	-1131.0
-30.75							

	NODE	Vxx	Vyy
Max	Cent	0.1	1.6
	3454	0.2	2.5
	3423	0.2	1.8
	3422	0.0	1.8
	3453	0.0	2.5
Min	Cent	-0.1	-22.1
	3454	-0.0	-14.2
	3423	-0.0	-31.3
	3422	-0.2	-31.3
	3453	-0.2	-14.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	22.8	6.0	0.6	22.8	6.0
2.20			3454	36.6	45.2	2.5	45.8	35.9
74.91			3423	12.0	5.0	0.6	12.1	4.9
5.06			3422	9.5	2.9	0.6	9.5	2.9
5.10			3453	34.3	44.3	1.8	44.6	34.0
79.89		Min	Cent	-2.0	-3.9	-37.4	34.4	-40.3
-44.30			3454	-0.3	-0.7	-29.6	29.1	-30.1
-44.82			3423	-0.2	-43.6	-31.4	16.2	-60.0
-27.66			3422	-6.2	-44.7	-45.5	23.9	-74.8
-33.53			3453	-5.4	-0.6	-43.6	40.6	-46.7
-46.58								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	63.1	389.2	134.2	437.3	15.0	
70.28		3454	207.6	787.3	470.8	1050.3	-55.5	
60.81		3423	14.7	893.1	438.1	1074.2	-166.5	
67.53		3422	24.9	2198.7	32.2	2199.2	24.4	
89.15		3453	82.2	514.1	41.7	518.1	78.2	
84.54		Min	Cent	-102.3	-8715.5	-725.0	-41.7	-8776.1
-4.78		3454	-91.6	-13982.4	-680.6	-58.3	-14015.7	
-2.80		3423	-167.5	-23093.1	-749.4	-143.0	-23117.5	
-1.87		3422	-5.3	-102.0	-703.4	651.4	-758.7	
-43.03								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.41

ANGLE NODE Mxx Myy Mxy Mmax Mmin

```

-----
Cent      -0.5   -53.6   -24.4    9.0   -63.1
3454      1.9   -189.3  -27.7    5.8  -193.3
3423     -2.6   -108.8  -28.4    4.5  -116.0
3422      0.7    62.5   -20.2   68.6    -5.3
3453     -2.0    21.2   -19.6   32.4   -13.2
    
```

NODE Vxx Vyy

```

-----
Cent      0.0   -0.4
3454      0.0   -0.4
3423      0.0   -0.3
3422     -0.0   -0.3
3453     -0.0   -0.4
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

```

-----
cedime~1 Cent      4.2   -25.9   26.0   19.1  -40.9
3454    -18.6   -50.7    9.8  -15.8  -53.5
3423     -7.4   -11.9   35.8   26.2  -45.5
3422     26.9    -1.1   42.1   57.3  -31.5
3453     15.7   -40.0   16.1   20.1  -44.3
    
```

NODE Mxx Myy Mxy Mmax Mmin

```

-----
Cent    -294.0  36107.6  2400.9  36265.3  -451.6
3454  -1263.1  67298.8  1546.0  67333.7 -1298.0
3423    555.0  87246.4  1806.1  87284.0   517.3
3422   -135.0 -8641.7  2661.3   629.0 -9405.7
3453   -332.7 -1473.1  2401.2  1565.1 -3370.9
    
```

NODE Vxx Vyy

```

-----
Cent     -1.0   167.9
3454     -1.8   140.3
3423     -1.8   195.6
3422     -0.2   195.6
3453     -0.2   140.3
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

MIDAS		Company		Client					
		Author		File Name		impalcatoUP8-UP9-rev6-OUT.anl			
-37.80		perm	Cent	21.1	2.1	-37.0	49.8	-26.6	
-49.86			3454	33.3	43.6	-30.0	68.9	8.1	
-25.70			3423	9.6	-39.2	-30.5	24.3	-53.9	
-30.63			3422	8.8	-39.4	-44.0	34.8	-65.5	
-48.54			3453	32.6	43.4	-43.4	81.7	-5.7	
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-4.64			Cent	-71.9	-6100.7	-492.0	-32.0	-6140.6	
-1.86			3454	22.6	-7044.4	-229.9	30.1	-7051.9	
-1.33			3423	-127.9	-13572.1	-313.3	-120.6	-13579.4	
-29.44			3422	11.2	-701.8	-590.7	344.6	-1035.2	
-9.67			3453	-193.5	-3084.5	-507.4	-107.0	-3171.0	
			NODE	Vxx	Vyy				
			Cent	-0.0	-17.2				
			3454	0.1	-8.1				
			3423	0.1	-26.3				
			3422	-0.2	-26.3				
			3453	-0.2	-8.1				
ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-41.46		INV TO~1	Max	Cent	56.1	10.2	-9.7	95.6	-10.3
-56.08				3454	82.9	104.6	-16.8	122.5	65.0
-26.75				3423	26.1	-32.5	6.5	45.8	-44.6
-32.16				3422	48.5	-35.5	-0.7	66.6	-36.6
-47.35				3453	94.6	103.1	-24.8	136.2	49.5
-7.56			Min	Cent	18.3	-29.3	-87.4	57.3	-80.6
-39.68				3454	14.1	-8.5	-70.0	64.0	-58.4
-16.72				3423	1.7	-110.7	-72.9	12.8	-135.5
-28.13				3422	0.4	-102.0	-105.3	44.5	-167.1
-28.80				3453	25.2	2.1	-102.2	108.2	-68.9
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
86.14			Max	Cent	13.3	30559.6	2090.0	30700.6	-421.7
88.22				3454	302.9	61682.1	1951.7	61742.8	-1021.0
				3423	462.7	74879.9	2084.3	74938.2	404.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

88.40							
-77.05		3422	44.8	2266.4	2122.0	2390.4	-79.2
24.33		3453	-82.5	-2390.4	1959.9	471.0	-2472.0
-4.73	Min	Cent	-508.8	-17866.6	-1470.7	-93.1	-17988.3
-2.54		3454	-1369.5	-25920.7	-1148.8	-55.4	-25971.7
-1.71		3423	-354.0	-44747.8	-1324.9	-314.5	-44787.3
6.73		3422	-133.1	-9498.4	-1540.3	-0.8	-9630.7
11.16		3453	-835.3	-5785.2	-1385.7	-635.0	-5985.5

		NODE	Vxx	Vyy	
Max	Cent		0.2	153.0	
	3454		0.6	135.5	
	3423		0.6	171.9	
	3422		-0.1	171.9	
Min	3453		-0.1	135.5	
	Cent		-1.2	-68.4	
	3454		-1.7	-45.1	
	3423		-1.7	-95.0	
		3422		-0.7	-95.0
		3453		-0.7	-45.1

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-35.69	INV TO~2	Max	Cent	86.4	10.2	-9.7	185.0	-10.3
-48.37			3454	139.0	164.3	-16.8	259.1	65.0
-23.15			3423	42.0	-32.5	6.5	90.2	-44.6
-28.96			3422	48.5	-35.5	-0.7	126.6	-36.6
-47.73			3453	130.9	161.7	-24.8	308.5	49.5
-7.56		Min	Cent	18.3	-29.3	-137.2	57.3	-104.5
-39.68			3454	14.1	-8.5	-106.7	64.0	-58.4
-16.72			3423	1.7	-173.7	-112.8	12.8	-222.0
-28.13			3422	0.4	-176.3	-167.7	44.5	-269.1
-28.80			3453	25.2	2.1	-161.5	108.2	-68.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
86.14		Max	Cent	13.3	30559.6	2090.0	30700.6	-421.7
88.22			3454	302.9	61682.1	1951.7	61742.8	-1021.0
88.40			3423	462.7	74879.9	2084.3	74938.2	404.3
-67.21			3422	44.8	3776.6	2122.0	4585.0	-79.2
24.33			3453	-82.5	-2390.4	1959.9	471.0	-2472.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.76	Min	Cent	-508.8	-17866.6	-1544.5	-177.4	-17988.3
-3.49		3454	-1369.5	-25920.7	-1148.8	-228.5	-25971.7
-1.40		3423	-400.5	-44747.8	-1324.9	-379.8	-44787.3
6.73		3422	-133.1	-9498.4	-1923.7	-0.8	-9630.7
11.16		3453	-892.7	-5785.2	-1686.8	-635.0	-5985.5

	NODE	Vxx	Vyy
Max	Cent	0.2	153.0
	3454	0.6	135.5
	3423	0.6	171.9
	3422	-0.1	171.9
	3453	-0.1	135.5
Min	Cent	-1.2	-68.4
	3454	-1.7	-45.1
	3423	-1.7	-95.0
	3422	-0.9	-95.0
	3453	-0.9	-45.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3852	2	24	c mob-a	Max	Cent	64.0	41.8	2.0	64.2	41.7
5.04					3485	73.1	34.1	2.3	73.2	34.0
3.37					3454	80.4	58.4	2.1	80.6	58.1
5.51					3453	55.5	50.6	1.9	56.1	49.9
19.17					3484	48.2	25.5	2.1	48.4	25.4
5.16				Min	Cent	-1.4	-0.9	-104.8	103.6	-106.0
-45.07					3485	-1.9	-0.8	-97.9	96.5	-99.2
-45.16					3454	-2.0	-1.2	-116.2	114.5	-117.8
-45.09					3453	-1.7	-1.3	-112.0	110.5	-113.5
-45.06					3484	-1.6	-0.9	-93.7	92.4	-94.9
-45.11										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
67.75				Max	Cent	72.4	652.7	285.2	769.4	-44.2
78.76					3485	586.8	3791.5	662.8	3923.2	455.1
70.45					3454	211.4	1057.5	343.7	1179.6	89.4
71.27					3453	9.1	294.8	109.4	331.9	-28.0
78.28					3484	95.8	1847.6	379.9	1926.4	16.9
-6.61				Min	Cent	-159.9	-3166.7	-353.4	-119.0	-3207.6
-5.56					3485	-654.6	-6794.7	-603.6	-595.8	-6853.4
					3454	-284.7	-7350.7	-338.5	-268.5	-7366.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.74						
	3453	-230.2	-809.6	-366.0	-53.2	-986.7
-25.82						
	3484	-114.8	-1941.5	-516.2	21.0	-2077.2
-14.74						

	NODE	Vxx	Vyy
Max	Cent	0.6	6.2
	3485	0.8	11.6
	3454	0.8	2.5
	3453	0.3	2.5
	3484	0.3	11.6
Min	Cent	-0.5	-14.3
	3485	-0.8	-17.5
	3454	-0.8	-14.2
	3453	-0.1	-14.2
	3484	-0.1	-17.5

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	c mob-b	Max	Cent	64.6	41.8	1.5	64.7	41.7
3.80			3485	73.0	36.3	1.6	73.1	36.3
2.44			3454	80.7	58.9	1.8	80.8	58.8
4.72			3453	56.3	51.3	1.9	57.0	50.7
18.28			3484	48.7	29.6	1.5	48.8	29.5
4.60		Min	Cent	-2.1	-0.8	-107.3	105.8	-108.7
-45.18			3485	-2.9	-0.8	-100.4	98.6	-102.3
-45.31			3454	-2.6	-0.8	-118.6	116.9	-120.3
-45.23			3453	-1.6	-0.9	-114.3	113.0	-115.5
-45.10			3484	-2.0	-0.8	-96.1	94.7	-97.5
-45.18								

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE							

	Max	Cent	61.6	514.1	391.3	739.8	-164.2
60.02		3485	580.0	3500.3	779.1	3695.1	385.2
75.96		3454	386.0	787.3	566.4	1187.5	-14.3
54.75		3453	8.5	514.1	165.9	563.7	-41.1
73.36		3484	91.7	3419.0	438.3	3475.8	35.0
82.62	Min	Cent	-278.6	-6125.0	-488.6	-238.0	-6165.6
-4.74		3485	-1212.3	-13567.8	-1032.1	-1126.6	-13653.4
-4.74		3454	-290.1	-13982.4	-413.9	-277.6	-13994.9
-1.73		3453	-231.9	-909.3	-364.4	-73.1	-1068.1
-23.55		3484	-202.1	-2039.2	-869.0	143.9	-2385.1
-21.71							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	0.6	5.6
	3485	0.8	10.9
	3454	0.8	2.0
	3453	0.3	2.0
Min	3484	0.3	10.9
	Cent	-0.9	-28.3
	3485	-1.5	-34.2
	3454	-1.5	-27.5
	3453	-0.2	-27.5
	3484	-0.2	-34.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	176.8	112.8	-296.3	442.8	-153.2
-41.92		3485	202.7	88.9	-274.7	426.3	-134.7
-39.14		3454	223.0	159.4	-329.3	522.0	-139.6
-42.24		3453	150.8	136.7	-317.9	461.7	-174.2
-44.36		3484	130.6	66.2	-263.3	363.6	-166.8
-41.51							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	6.6	-3045.2	-64.2	7.9	-3046.5
-1.20	3485	1316.9	5246.3	1012.6	5491.9	1071.3
76.37	3454	-802.4	-7558.0	-71.6	-801.7	-7558.7
-0.61	3453	-676.0	-3530.1	-740.6	-495.3	-3710.8
-13.71	3484	187.8	-6338.9	343.6	205.9	-6357.0
3.01						

	NODE	Vxx	Vyy
	Cent	1.5	7.7
	3485	2.1	23.6
	3454	2.1	-8.2
	3453	0.9	-8.2
	3484	0.9	23.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-1.3	-0.2	-0.4	-0.1	-1.4
-72.43		3485	-1.7	0.1	-0.7	0.3	-1.9
-70.40		3454	-1.9	-0.8	0.1	-0.8	-1.9
85.06		3453	-0.9	-0.5	-0.0	-0.4	-0.9
-84.03		3484	-0.6	0.4	-0.9	0.9	-1.1
-60.35							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-13.10		Cent	-10.7	-100.4	-22.0	-5.6	-105.5
-7.18		3485	-35.5	-339.2	-38.9	-30.6	-344.1
-5.56		3454	4.9	-189.3	-19.1	6.7	-191.2
-65.89		3453	-5.1	21.2	-14.7	27.8	-11.7
-74.31		3484	-7.2	105.9	-34.5	115.6	-16.9

NODE	Vxx	Vyy
Cent	-0.0	-0.7
3485	-0.0	-0.9
3454	-0.0	-0.4
3453	-0.0	-0.4
3484	-0.0	-0.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.60	cedime~1	Cent	-7.8	-50.9	46.6	22.0	-80.7
31.84		3485	-2.3	-52.8	51.0	29.4	-84.5
30.64		3454	-0.0	-44.9	41.0	24.2	-69.2
33.53		3453	-13.4	-49.1	42.2	14.6	-77.1
34.22		3484	-15.6	-56.9	52.3	20.0	-92.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
87.63		Cent	1168.2	30557.2	1220.0	30607.7	1117.7
87.38		3485	5475.6	71927.7	3048.2	72067.3	5336.1
89.90		3454	-1785.3	67298.8	120.3	67299.0	-1785.5
22.27		3453	53.7	-1473.1	751.0	361.2	-1780.6
12.05		3484	928.9	-15524.8	3678.8	1714.0	-16309.8

NODE	Vxx	Vyy
Cent	4.0	159.3
3485	7.2	178.4
3454	7.2	140.3
3453	0.9	140.3
3484	0.9	178.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-42.82	perm	Cent	56.8	41.0	-104.1	153.3	-55.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.69		3485	62.8	32.8	-98.9	147.9	-52.2
-43.19		3454	69.2	54.9	-112.8	175.1	-51.0
-44.78		3453	50.8	49.1	-109.2	159.2	-59.3
-42.39		3484	44.5	27.1	-95.4	131.5	-60.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-0.65		Cent	-116.2	-4188.7	-45.9	-115.7	-4189.2
1.67		3485	-90.1	-3943.4	112.6	-86.8	-3946.7
0.21		3454	-102.3	-7044.4	26.0	-102.2	-7044.5
-4.16		3453	-237.0	-3084.5	-208.4	-221.8	-3099.7
-2.63		3484	-35.5	-2682.6	-121.9	-29.9	-2688.2

	NODE	Vxx	Vyy
	Cent	0.1	-5.3
	3485	0.0	-2.6
	3454	0.0	-8.1
	3453	0.2	-8.1
	3484	0.2	-2.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-44.18	INV TO~1	Max	Cent	144.0	97.4	-54.8	295.8	20.5
-43.34			3485	161.5	81.9	-44.8	280.2	17.9
-44.35			3454	178.1	134.4	-69.0	332.4	51.8
-44.94			3453	126.9	118.4	-64.4	311.4	23.3
-43.99			3484	110.2	67.1	-40.3	259.0	-6.0
-25.35		Min	Cent	46.1	-11.2	-248.9	162.1	-202.2
-17.28			3485	56.6	-21.0	-234.5	173.2	-189.5
-28.64			3454	65.6	8.3	-273.0	215.7	-213.6
-35.52			3453	35.1	-1.7	-263.5	159.5	-215.6
-21.82			3484	26.2	-31.1	-225.0	110.7	-191.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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86.28		Max	Cent	1149.8	27249.6	1702.4	27360.1	1039.2
86.41			3485	6177.6	73102.8	4212.6	73367.0	5913.5
89.17			3454	418.7	61682.1	911.0	61695.3	-1379.7
			3453	-170.9	-2390.4	766.5	-18.1	-2390.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.27			3484	1022.7	1933.2	4148.6	2118.3	-19.2
14.79		Min	Cent	-492.3	-12457.5	-705.6	-450.8	-12499.0
-3.36			3485	-1726.7	-22260.0	-1280.8	-1647.1	-22339.5
-3.56			3454	-2279.2	-25920.7	-532.7	-482.8	-25931.9
-1.20			3453	-550.0	-5785.2	-702.5	-495.9	-5785.7
0.53			3484	-308.3	-20960.2	-1295.1	0.2	-21220.4
-13.40								

	NODE	Vxx	Vyy
Max	Cent	4.9	162.4
	3485	8.3	191.5
	3454	8.3	135.5
	3453	1.5	135.5
	3484	1.5	191.5
Min	Cent	-1.1	-43.5
	3485	-2.1	-48.7
	3454	-2.1	-45.1
	3453	-0.1	-45.1
	3484	-0.1	-48.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-41.92	INV TO~2	Max	Cent	238.7	152.3	-54.8	597.8	20.5
-39.14			3485	273.7	120.0	-44.8	575.5	17.9
-42.24			3454	301.0	215.1	-69.0	704.7	51.8
-44.36			3453	203.6	184.6	-64.4	623.3	23.3
-41.51			3484	176.3	89.4	-40.3	490.9	-6.0
-25.35		Min	Cent	46.1	-11.2	-400.0	162.1	-206.8
-17.28			3485	56.6	-21.0	-370.8	173.2	-189.5
-28.64			3454	65.6	8.3	-444.5	215.7	-213.6
-35.52			3453	35.1	-1.7	-429.1	159.5	-235.1
-21.82			3484	26.2	-31.1	-355.4	110.7	-225.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
86.28	Max	Cent	1149.8	27249.6	1702.4	27360.1	1039.2	
86.41			3485	6177.6	73102.8	4212.6	73367.0	5913.5
89.17			3454	418.7	61682.1	911.0	61695.3	-1379.7
11.27			3453	-170.9	-2390.4	766.5	-18.1	-2390.6
14.79			3484	1022.7	1933.2	4148.6	2118.3	-19.2
-3.36	Min	Cent	-492.3	-12457.5	-705.6	-450.8	-12499.0	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.56	3485	-1726.7	-22260.0	-1280.8	-1647.1	-22339.5
-0.61	3454	-2279.2	-25920.7	-532.7	-1082.2	-25931.9
-13.71	3453	-912.6	-5785.2	-999.8	-668.6	-5785.7
-13.40	3484	-308.3	-20960.2	-1295.1	0.2	-21220.4

	NODE	Vxx	Vyy
Max	Cent	4.9	162.4
	3485	8.3	191.5
	3454	8.3	135.5
	3453	1.5	135.5
	3484	1.5	191.5
Min	Cent	-1.1	-43.5
	3485	-2.1	-48.7
	3454	-2.1	-45.1
	3453	-0.1	-45.1
	3484	-0.1	-48.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3889	2	24	c mob-a	Max	Cent	2.8	0.3	50.6	52.2	-49.1
44.27					4631	2.4	0.8	133.9	135.5	-132.3
44.83					4601	2.3	33.1	5.3	34.0	1.4
80.44					4600	3.2	0.2	7.3	9.2	-5.7
39.17					4630	3.3	0.6	148.6	150.6	-146.6
44.74				Min	Cent	-805.2	-69.8	-25.0	-69.0	-806.1
-88.06					4631	-707.4	-99.6	-6.5	-99.5	-707.5
-89.39					4601	-670.9	-0.3	-106.2	16.1	-687.3
-81.21					4600	-904.6	-43.5	-95.4	-33.1	-915.0
-83.75					4630	-940.2	-171.2	-6.2	-171.2	-940.2
-89.54										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
45.73				Max	Cent	4283.4	5128.8	16657.6	21369.0	-11956.9
44.03					4631	13370.1	12131.6	18199.0	30960.3	-5458.7
46.24					4601	5397.0	6666.4	14707.5	20752.9	-8689.4
49.87					4600	790.3	5248.9	12980.7	16190.3	-10151.2
44.59					4630	6336.8	5868.1	16278.1	22382.3	-10177.4
-26.91				Min	Cent	-765.0	-17892.7	-11710.8	5179.1	-23836.8
-39.97					4631	-2289.0	-5363.5	-8669.0	4978.0	-12630.5
-38.37					4601	-4445.6	-11007.8	-13927.1	6581.7	-22035.1
					4600	-3369.7	-30552.2	-12302.5	1371.4	-35293.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-21.08
-9.68

	NODE	Vxx	Vyy
Max	Cent	8.8	60.9
	4631	14.0	87.1
	4601	14.0	46.2
	4600	7.6	46.2
Min	4630	7.6	87.1
	Cent	-2.0	-4.9
	4631	-5.9	-9.6
	4601	-5.9	-4.4
	4600	-1.1	-4.4
	4630	-1.1	-9.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.55	c mob-b	Max	Cent	2.1	0.2	58.0	59.2	-56.9
44.92			4631	1.8	0.9	145.3	146.7	-144.0
76.83			4601	1.7	35.8	8.4	37.7	-0.3
42.06			4600	2.4	0.1	10.7	12.0	-9.5
44.84	Min	Cent	4630	2.4	0.6	160.9	162.4	-159.4
-87.27			Cent	-858.2	-75.0	-37.5	-73.2	-860.0
-89.13			4631	-747.3	-105.2	-9.7	-105.1	-747.4
-80.07			4601	-710.5	-0.5	-128.2	22.0	-733.0
-82.94			4600	-970.5	-51.4	-115.6	-37.1	-984.8
-89.35			4630	-1006.0	-182.0	-9.3	-181.9	-1006.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
47.44	Max	Cent	5108.2	8953.2	22485.0	29597.8	-15536.4	
46.29		4631	16481.2	18576.1	23270.6	40822.8	-5765.5	
49.00		4601	9258.5	14845.7	19888.7	32136.1	-8031.8	
50.87		4600	1347.0	8769.6	17862.3	23302.1	-13185.4	
46.77	Min	Cent	4630	6908.9	9528.1	21150.4	29409.4	-12972.5
-34.00			Cent	-1377.2	-15301.4	-17235.5	10249.2	-26927.8
-48.21			4631	-5406.3	-2433.5	-13195.2	9358.8	-17198.6
-43.83			4601	-6851.0	-8412.0	-19098.5	11482.9	-26746.0
-22.25			4600	-3966.3	-39007.3	-17218.7	3078.4	-46052.1
-12.36			4630	-1438.8	-50328.2	-11252.2	1026.7	-52793.6

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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Max   Cent   10.7   101.1
      4631   18.3   132.5
      4601   18.3   90.0
      4600    8.5   90.0
      4630    8.5   132.5
Min   Cent   -4.7    -7.7
      4631  -11.5  -14.2
      4601  -11.5  -6.8
      4600   -1.7  -6.8
      4630   -1.7  -14.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.02	pp	Cent	-1975.2	-144.7	63.2	-142.6	-1977.4
78.80		4631	-1722.3	-175.0	318.9	-111.9	-1785.4
-82.70		4601	-1653.0	66.2	-223.9	94.8	-1681.7
-84.84		4600	-2228.2	-114.5	-192.5	-97.1	-2245.6
80.08		4630	-2297.4	-355.7	350.3	-294.4	-2358.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.10	Cent	1821.4	-7189.2	1481.8	2058.9	-7426.6
25.16	4631	4837.8	-123.7	2989.3	6241.6	-1527.5
3.48	4601	-222.9	-6250.6	368.0	-200.5	-6273.0
1.80	4600	-757.9	-9106.2	262.9	-749.7	-9114.4
9.53	4630	3428.7	-13276.1	2884.2	3912.7	-13760.0

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-----
      NODE   Vxx   Vyy
      Cent   3.7   16.3
      4631   4.0   26.8
      4601   4.0   5.8
      4600   3.3   5.8
      4630   3.3   26.8
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.50	vento -y	Cent	62.2	4.7	-3.5	62.5	4.4
-15.04		4631	51.9	4.4	-13.8	55.6	0.7
8.06		4601	50.0	-2.1	7.5	51.1	-3.2
5.60		4600	72.6	5.0	6.7	73.3	4.3
-12.44		4630	74.5	11.4	-14.6	77.7	8.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

13.50		Cent	31.4	-170.5	51.4	43.7	-182.8
		4631	122.4	13.3	100.2	181.9	-46.2
30.71		4601	-30.1	-183.1	20.5	-27.4	-185.8
7.50		4600	-37.5	-206.6	15.3	-36.1	-208.0
5.12		4630	70.8	-305.5	94.9	93.4	-328.1
13.39							

	NODE	Vxx	Vyy

	Cent	0.1	0.3
	4631	0.1	0.7
	4601	0.1	0.0
	4600	0.1	0.0
	4630	0.1	0.7

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	156.8	12.6	-6.8	157.1	12.3
-2.68		4631	132.9	14.7	-30.8	140.5	7.2
-13.75		4601	126.9	-6.4	20.0	129.8	-9.4
8.35		4600	180.6	10.5	17.2	182.4	8.7
5.73		4630	186.7	31.6	-33.5	193.6	24.7
-11.69							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE						

	Cent	-149.2	458.7	-189.2	512.8	-203.2
-74.05	4631	-424.5	-190.0	-330.0	42.9	-657.4
-54.78	4601	41.9	500.1	-102.9	522.2	19.9
-77.90	4600	70.8	611.1	-82.2	623.3	58.6
-81.54	4630	-284.9	913.8	-309.2	988.8	-360.0
-76.36						

	NODE	Vxx	Vyy

	Cent	-0.3	-1.2
	4631	-0.4	-2.3
	4601	-0.4	-0.2
	4600	-0.3	-0.2
	4630	-0.3	-2.3

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	-624.9	-44.4	18.3	-43.9	-625.5
88.20		4631	-542.9	-50.6	100.7	-30.8	-562.7
78.88							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-82.45			4601	-522.7	19.6	-73.2	29.3	-532.4
-84.58			4600	-707.0	-38.3	-64.1	-32.2	-713.1
80.23			4630	-727.1	-108.4	109.8	-89.5	-746.0
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----			-----	-----	-----	-----	-----	-----
7.90			Cent	366.7	-2449.5	398.5	422.0	-2504.8
6.00			4631	360.8	-894.4	133.3	374.8	-908.4
18.61			4601	293.6	-618.9	346.5	410.3	-735.5
6.15			4600	-235.4	-3843.7	393.3	-193.1	-3886.1
1.88			4630	1047.9	-4440.9	180.2	1053.8	-4446.8
			NODE	Vxx	Vyy			
			-----	-----	-----			
			Cent	0.5	6.9			
			4631	0.1	7.2			
			4601	0.1	6.6			
			4600	1.0	6.6			
			4630	1.0	7.2			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----			-----	-----	-----	-----	-----	-----
78.73	INV TO~1	Max	Cent	-464.3	-31.5	96.6	-13.6	-482.2
62.48			4631	-406.7	-34.5	296.9	104.1	-545.3
-84.06			4601	-392.7	67.8	-41.8	74.3	-396.5
-86.27			4600	-522.0	-27.5	-32.4	-25.4	-524.1
64.04			4630	-535.9	-75.9	327.0	67.0	-678.8
-88.87		Min	Cent	-1783.5	-145.6	-39.0	-145.0	-1784.2
86.33			4631	-1551.7	-192.6	56.8	-187.0	-1557.3
-80.85			4601	-1481.9	12.5	-246.2	48.9	-1521.3
-83.51			4600	-2017.1	-107.8	-220.1	-82.7	-2042.2
86.80			4630	-2085.1	-354.1	63.7	-348.7	-2090.6
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----			-----	-----	-----	-----	-----	-----
46.11		Max	Cent	7262.8	10096.1	30753.3	39226.3	-21995.7
45.71			4631	22610.4	24183.3	31548.6	54955.3	-8142.1
48.73			4601	12834.6	19922.9	27196.3	43703.0	-10945.4
49.05			4600	1653.9	8606.3	24507.4	29801.5	-19541.3
			4630	10374.9	9335.8	28733.3	38148.3	-18713.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl


44.03								
	Min	Cent	-1641.7	-26604.6	-23058.6	12041.0	-40138.1	
-30.62			4631	-7362.2	-8325.1	-18010.2	10153.9	-25860.3
-44.03			4601	-8955.2	-15479.4	-25539.4	13427.5	-37862.1
-41.35			4600	-5590.0	-56503.6	-22934.1	3162.3	-65255.8
-20.96			4630	-1179.4	-72383.9	-15319.5	2014.3	-75407.6
-11.78								

		NODE	Vxx	Vyy
Max	Cent		15.0	143.4
		4631	24.8	186.1
		4601	24.8	128.1
		4600	12.5	128.1
		4630	12.5	186.1
Min	Cent		-6.1	-4.7
		4631	-15.8	-14.2
		4601	-15.8	-2.8
		4600	-1.6	-2.8
		4630	-1.6	-14.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	-464.3	-31.5	96.6	-13.6	-482.2
78.73			4631	-406.7	-34.5	430.5	104.1	-545.3
62.48			4601	-392.7	89.3	-41.8	128.0	-396.5
-82.70			4600	-522.0	-27.5	-32.4	-25.4	-524.1
-86.27			4630	-535.9	-75.9	472.8	67.0	-678.8
64.04		Min	Cent	-2666.6	-195.4	-39.0	-192.5	-2669.5
88.02			4631	-2325.1	-236.3	56.8	-187.0	-2410.3
86.33			4601	-2231.6	12.5	-302.2	48.9	-2270.3
-80.85			4600	-3008.0	-154.5	-259.9	-131.1	-3031.5
-84.84			4630	-3101.5	-480.2	63.7	-397.5	-3184.2
80.08								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	7262.8	10096.1	30753.3	39226.3	-10025.9
46.11			4631	22610.4	24183.3	31548.6	54955.3	-2062.2
45.71			4601	12834.6	19922.9	27196.3	43703.0	-8468.6
48.73			4600	1653.9	8606.3	24507.4	29801.5	-12304.5
49.05			4630	10374.9	9335.8	28733.3	38148.3	-18576.0
44.03		Min	Cent	-1641.7	-26604.6	-23058.6	2779.5	-40138.1
9.10			4631	-7362.2	-8325.1	-18010.2	8426.1	-25860.3
25.16								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3.48	4601	-8955.2	-15479.4	-25539.4	-270.6	-37862.1
1.80	4600	-5590.0	-56503.6	-22934.1	-1012.0	-65255.8
-11.78	4630	-1179.4	-72383.9	-15319.5	2014.3	-75407.6

	NODE	Vxx	Vyy
Max	Cent	15.0	143.4
	4631	24.8	186.1
	4601	24.8	128.1
	4600	12.5	128.1
Min	4630	12.5	186.1
	Cent	-6.1	-4.7
	4631	-15.8	-14.2
	4601	-15.8	-2.8
	4600	-1.6	-2.8
	4630	-1.6	-14.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3890	2	24	c mob-a	Max	Cent	2.6	23.8	38.2	52.9	-26.5
52.77					4660	2.6	125.7	32.7	133.8	-5.6
76.01					4631	2.7	0.6	73.9	75.5	-72.2
44.60					4630	2.5	0.7	53.4	55.0	-51.9
44.50					4659	2.4	142.7	17.9	144.9	0.2
82.85				Min	Cent	-680.5	-18.0	-39.4	-15.7	-682.9
-86.61					4660	-684.2	-15.8	-52.6	-11.7	-688.4
-85.53					4631	-742.3	-111.3	-28.5	-110.0	-743.6
-87.42					4630	-683.0	-91.6	-29.9	-90.1	-684.5
-87.11					4659	-619.0	-12.2	-63.7	-5.6	-625.6
-84.07										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	637.4	6073.2	35965.4	39423.3	-32712.7
	4660	4346.3	22944.4	30456.2	45489.5	-18198.9
	4631	17863.7	12131.6	31312.5	46441.0	-16445.7
	4630	780.0	5868.1	31565.3	34991.7	-28343.7
Min	4659	1309.6	45730.9	30674.1	61391.3	-14350.8
	Cent	-2536.8	-29872.0	-5665.8	-1409.0	-30999.9
	4660	-19355.5	-121120.4	-6416.5	-18952.5	-121523.4
	4631	-2877.9	-5363.5	-5094.6	1123.3	-9364.7
	4630	-4572.1	-40701.0	-5501.4	-3753.0	-41520.2
	4659	-1337.3	-12934.9	-5508.0	861.7	-15133.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-21.76

	NODE	Vxx	Vyy
Max	Cent	2.9	32.8
	4660	5.7	73.0
	4631	5.7	87.1
	4630	4.5	87.1
	4659	4.5	73.0
Min	Cent	-13.8	-134.5
	4660	-29.4	-333.1
	4631	-29.4	-9.6
	4630	-1.5	-9.6
	4659	-1.5	-333.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
53.29	c mob-b	Max	Cent	1.8	28.0	44.0	60.8	-31.0	
			4660	1.8	140.7	40.1	151.5	-8.9	
			4631	1.9	0.7	79.1	80.4	-77.8	
			4630	1.8	0.7	60.2	61.5	-58.9	
			4659	1.7	156.2	24.7	160.0	-2.1	
	-85.62	Min	Cent	4660	-728.0	-25.0	-54.2	-20.8	-732.1
				4660	-727.0	-22.9	-68.4	-16.4	-733.6
				4631	-789.0	-119.7	-43.6	-116.9	-791.8
				4630	-735.6	-100.5	-44.9	-97.4	-738.8
				4659	-667.7	-18.0	-78.9	-8.6	-677.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
48.30	Max	Cent	1340.0	10940.1	41462.7	47879.7	-35599.7
		4660	6413.0	33794.5	35905.3	58530.6	-18323.1
		4631	20634.8	18576.1	35914.4	55534.6	-16323.7
		4630	1451.3	9528.1	35931.0	41646.9	-30667.5
		4659	1654.9	49623.3	35891.5	68806.6	-17528.5
-16.18	Min	Cent	-2867.0	-29272.9	-8366.1	-439.5	-31700.4
		4660	-21427.1	-120390.8	-9569.5	-20510.3	-121307.7
		4631	-4379.1	-2433.5	-7493.6	4150.2	-10962.7
		4630	-5243.5	-50328.2	-7975.6	-3874.2	-51697.5
		4659	-1777.2	-19157.9	-8984.6	2032.3	-22967.4

	NODE	Vxx	Vyy
Max	Cent	4.2	47.6

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	Company		Client	
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	4660	8.4	107.9
	4631	8.4	132.5
	4630	5.3	132.5
	4659	5.3	107.9
Min	Cent	-15.3	-130.9
	4660	-32.4	-331.3
	4631	-32.4	-14.2
	4630	-2.3	-14.2
	4659	-2.3	-331.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

89.92	pp	Cent	-1704.3	-31.8	2.2	-31.8	-1704.3
-88.45		4660	-1736.6	95.7	-49.6	97.1	-1738.0
86.71		4631	-1823.5	-206.8	93.4	-201.4	-1828.9
87.96		4630	-1672.0	-159.2	54.0	-157.3	-1673.9
-87.06		4659	-1585.1	143.3	-88.9	147.9	-1589.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

33.48	Cent	-893.4	-12683.2	13859.9	8273.2	-21849.8
11.10	4660	-9799.6	-56981.1	9626.0	-7911.3	-58869.4
36.22	4631	7259.0	-123.7	11658.9	15797.0	-8661.7
32.92	4630	-1659.7	-13276.1	12943.5	6719.1	-21654.8
65.54	4659	626.8	19648.1	10910.6	24611.3	-4336.5

NODE	Vxx	Vyy

Cent	-5.9	-64.7
4660	-13.5	-156.3
4631	-13.5	26.8
4630	1.8	26.8
4659	1.8	-156.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-0.85	vento -y	Cent	53.7	2.0	-0.8	53.7	2.0
-0.24		4660	53.8	-0.8	-0.2	53.8	-0.8
-2.43		4631	55.6	5.5	-2.1	55.7	5.4
-1.53		4630	53.6	4.9	-1.3	53.7	4.9
0.64		4659	51.8	-1.4	0.6	51.8	-1.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

36.00	Cent	-41.2	-294.7	390.0	242.1	-578.0
11.63	4660	-293.6	-1563.0	272.8	-237.4	-1619.1
37.79	4631	187.0	13.3	337.7	448.9	-248.5
35.26	4630	-44.1	-305.5	369.6	217.2	-566.8
69.29	4659	-14.3	676.6	304.7	791.8	-129.5

NODE	Vxx	Vyy
Cent	-0.2	-2.0
4660	-0.4	-4.6
4631	-0.4	0.7
4630	0.0	0.7
4659	0.0	-4.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.76	cedime~1	Cent	132.4	2.6	-1.7	132.4	2.6
0.18		4660	132.7	-9.2	0.5	132.7	-9.2
-3.38		4631	140.3	17.0	-7.3	140.7	16.6
-1.89		4630	132.0	14.5	-3.9	132.2	14.3
1.62		4659	124.5	-11.8	3.9	124.6	-11.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-53.40	Cent	79.6	811.6	-1212.0	1711.6	-820.4
-78.21	4660	864.2	4719.3	-841.4	4894.9	688.6
-50.87	4631	-627.0	-190.0	-1052.0	665.9	-1482.9
-54.74	4630	100.9	913.8	-1148.5	1725.7	-711.0
-20.38	4659	-19.9	-2196.5	-937.9	328.5	-2545.0

NODE	Vxx	Vyy
Cent	0.5	5.9
4660	1.2	14.1
4631	1.2	-2.3
4630	-0.1	-2.3
4659	-0.1	14.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.75	perm	Cent	-542.8	-14.3	-2.3	-14.3	-542.8
-88.10		4660	-554.6	18.2	-19.0	18.9	-555.2
87.26		4631	-577.4	-61.4	24.8	-60.2	-578.6

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.30		4630	-531.0	-46.9	14.4	-46.4	-531.5
-86.90		4659	-508.2	32.8	-29.4	34.4	-509.8
		Cent	-39.2	-4061.1	1361.7	378.4	-4478.7
17.05		4660	-708.3	-5287.4	981.1	-506.9	-5488.8
11.60		4631	710.2	-894.4	764.4	1016.0	-1200.2
21.81		4630	-816.5	-4440.9	1063.5	-527.4	-4729.9
15.20		4659	657.6	-5621.6	1280.3	908.6	-5872.6
11.09		4659	657.6	-5621.6	1280.3	908.6	-5872.6
		NODE	Vxx	Vyy			
		Cent	0.0	4.0			
		4660	-1.1	0.7			
		4631	-1.1	7.2			
		4630	1.2	7.2			
		4659	1.2	0.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
82.83	INV TO~1 Max	Cent	-407.0	26.2	57.1	33.1	-413.9
87.35		4660	-418.3	208.2	35.6	209.8	-420.4
73.75		4631	-433.5	-43.4	131.6	-7.2	-469.8
76.62		4630	-395.6	-31.4	95.7	-9.6	-417.4
89.69		4659	-380.4	243.6	7.9	243.6	-380.5
-87.09	Min	Cent	-1525.6	-48.0	-77.1	-44.2	-1529.4
-85.44		4660	-1536.0	-21.9	-111.3	-13.1	-1544.1
-88.63		4631	-1642.5	-223.0	-41.3	-222.2	-1643.3
-88.03		4630	-1524.1	-182.6	-50.1	-181.0	-1525.7
-84.18		4659	-1409.5	-3.3	-135.8	10.2	-1422.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.23	Max	Cent	1849.2	11519.6	57336.4	63749.1	-46488.2
55.22		4660	8813.5	45054.4	49453.2	78813.3	-24945.4
43.73		4631	28567.2	24183.3	49248.8	75672.8	-16134.6
47.10		4630	1243.8	9335.8	49570.3	54486.2	-43300.8
60.23		4659	2891.6	61369.8	49733.8	89822.7	-25311.3
	Min	Cent	-3909.6	-44388.3	-11144.6	-1603.7	-51271.5

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-13.07		4660	-29634.9	-168800.0	-12779.1	-28618.3	-169816.6
-4.87		4631	-5828.6	-8325.1	-10403.9	2797.9	-22922.3
-40.54		4630	-7895.2	-72383.9	-10852.1	-6466.8	-73812.4
-8.37		4659	-1761.5	-33681.4	-11786.9	1795.0	-37562.0
-18.06							

	NODE	Vxx	Vyy
Max	Cent	6.2	74.1
	4660	11.4	160.4
	4631	11.4	186.1
	4630	8.4	186.1
	4659	8.4	160.4
Min	Cent	-20.6	-177.7
	4660	-44.9	-449.0
	4631	-44.9	-14.2
	4630	-2.1	-14.2
	4659	-2.1	-449.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
82.83	INV TO~2	Max	Cent	-407.0	26.2	57.1	33.1	-413.9
87.35			4660	-418.3	208.2	35.6	209.8	-420.4
73.75			4631	-433.5	-43.4	131.6	-7.2	-469.8
76.62			4630	-395.6	-31.4	95.7	-9.6	-417.4
89.69			4659	-380.4	243.6	7.9	243.6	-380.5
-87.09		Min	Cent	-2300.8	-48.0	-77.1	-44.2	-2300.8
-85.44			4660	-2344.4	-21.9	-111.3	-13.1	-2346.2
86.71			4631	-2461.7	-279.2	-41.3	-271.9	-2469.0
87.96			4630	-2257.2	-215.0	-50.1	-212.4	-2259.8
-84.18			4659	-2139.9	-3.3	-135.8	10.2	-2146.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
47.23	Max	Cent	1849.2	11519.6	57336.4	63749.1	-29497.2	
55.22		4660	8813.5	45054.4	49453.2	78813.3	-24945.4	
43.73		4631	28567.2	24183.3	49248.8	75672.8	-11693.3	
47.10		4630	1243.8	9335.8	49570.3	54486.2	-29234.0	
60.23		4659	2891.6	61369.8	49733.8	89822.7	-5854.2	
-13.07		Min	Cent	-3909.6	-44388.3	-11144.6	-1603.7	-51271.5
-4.87			4660	-29634.9	-168800.0	-12779.1	-28618.3	-169816.6
-40.54			4631	-5828.6	-8325.1	-10403.9	2797.9	-22922.3

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-8.37	4630	-7895.2	-72383.9	-10852.1	-6466.8	-73812.4
-18.06	4659	-1761.5	-33681.4	-11786.9	1795.0	-37562.0

	NODE	Vxx	Vyy
Max	Cent	6.2	74.1
	4660	11.4	160.4
	4631	11.4	186.1
	4630	8.4	186.1
	4659	8.4	160.4
Min	Cent	-20.6	-177.7
	4660	-44.9	-449.0
	4631	-44.9	-14.2
	4630	-2.1	-14.2
	4659	-2.1	-449.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3929	2	14	c mob-a	Max	Cent	131.0	297.1	236.3	464.5	-36.5
54.68					5921	77.1	191.6	236.3	377.5	-108.8
51.81					5886	77.1	466.8	236.3	578.2	-34.3
64.75					5885	192.9	466.8	236.3	603.0	56.8
60.05					5920	192.9	191.6	236.3	428.5	-44.0
44.92				Min	Cent	-28.7	-13.3	-23.3	3.6	-45.5
-54.13					5921	-9.1	-18.4	-23.3	10.0	-37.6
-39.38					5886	-9.1	-32.0	-23.3	5.4	-46.6
-31.92					5885	-54.1	-32.0	-23.3	-17.3	-68.9
-57.65					5920	-54.1	-18.4	-23.3	-6.9	-65.6
-63.71										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	210.7	1281.9	3060.9	3853.7	-2361.1
	5921	612.8	1803.7	5796.1	7034.8	-4618.3
	5886	1767.0	5350.9	4883.1	8760.5	-1642.6
	5885	3323.9	11461.5	1451.4	11712.6	3072.8
	5920	1493.9	5223.6	1846.9	5983.4	734.1
Min	Cent	-9620.4	-38482.3	-1973.1	-9486.1	-38616.5
	5921	-30560.5	-79781.1	-3851.2	-30261.0	-80080.6
	5886	-19368.8	-88904.7	-4811.3	-19037.5	-89236.0
	5885	-2862.2	-13985.2	-1686.3	-2612.2	-14235.3
	5920	-5713.7	-13068.1	-1083.2	-5557.5	-13224.3

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	NODE	Vxx	Vyy
Max	Cent	1.8	7.7
	5921	3.1	5.1
	5886	3.1	14.7
	5885	0.8	14.7
	5920	0.8	5.1
Min	Cent	-12.0	-159.9
	5921	-21.4	-153.6
	5886	-21.4	-192.7
	5885	-4.6	-192.7
	5920	-4.6	-153.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
53.42	c mob-b	Max	Cent	143.5	305.7	267.9	504.6	-55.3
52.44			5921	75.6	217.9	267.9	423.9	-130.5
62.76			5886	75.6	458.0	267.9	596.0	-62.4
56.85			5885	222.7	458.0	267.9	633.0	47.8
44.74			5920	222.7	217.9	267.9	488.3	-47.6
-60.98		Min	Cent	-34.0	-12.4	-17.3	-2.8	-43.6
-43.39			5921	-16.2	-18.2	-17.3	0.2	-34.5
-41.08			5886	-16.2	-21.0	-17.3	-1.1	-36.1
-67.57			5885	-55.8	-21.0	-17.3	-13.8	-62.9
-68.68			5920	-55.8	-18.2	-17.3	-11.4	-62.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
49.99	Max	Cent	406.3	1183.3	2209.8	3038.5	-1448.9	
48.53		5921	719.9	1877.4	4675.1	6009.4	-3412.0	
59.93		5886	5570.8	9185.6	3148.0	11008.1	3748.2	
77.74		5885	3071.0	8927.2	1335.3	9217.3	2780.9	
62.22		5920	854.6	3357.6	1825.0	4319.0	-106.8	
-3.22		Min	Cent	-8287.1	-33518.6	-1425.4	-8206.8	-33598.8
-2.46			5921	-23996.9	-64130.0	-1730.3	-23922.5	-64204.4
-2.57			5886	-15927.8	-79983.8	-2878.7	-15798.7	-80112.9
-11.81			5885	-3518.1	-16219.0	-2775.8	-2937.9	-16799.2
-11.42			5920	-4191.1	-10803.5	-1392.7	-3909.8	-11084.8

	NODE	Vxx	Vyy
Max	Cent	0.6	26.3
	5921	1.0	20.9
	5886	1.0	48.1

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	5885	0.9	48.1
	5920	0.9	20.9
Min	Cent	-10.5	-148.4
	5921	-18.5	-130.9
	5886	-18.5	-186.3
	5885	-3.7	-186.3
	5920	-3.7	-130.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	312.0	536.8	535.8	971.9	-123.1
50.92		5921	191.9	260.5	535.8	763.1	-310.7
46.83		5886	191.9	813.1	535.8	1121.8	-116.9
60.05		5885	432.2	813.1	535.8	1191.3	54.0
54.78		5920	432.2	260.5	535.8	889.0	-196.3
40.45							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-1221.2	-1305.9	234.3	-1025.4	-1501.7
39.88	5921	-5663.0	-10867.6	-543.2	-5606.9	-10923.7
-5.90	5886	2441.4	6012.5	-458.9	6070.5	2383.4
-82.79	5885	14.2	-947.6	697.1	380.1	-1313.6
27.70	5920	-1677.5	579.2	612.8	734.9	-1833.2
75.75						

NODE	Vxx	Vyy

Cent	-2.8	-4.5
5921	-3.3	-23.0
5886	-3.3	14.0
5885	-2.3	14.0
5920	-2.3	-23.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	0.0	0.3	1.6	1.8	-1.4
47.32		5921	-0.9	-1.5	1.6	0.4	-2.8
39.67		5886	-0.9	2.1	1.6	2.8	-1.6
66.53		5885	1.0	2.1	1.6	3.2	-0.2
54.66		5920	1.0	-1.5	1.6	1.7	-2.3
26.17							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-31.3	-81.0	26.3	-20.0	-92.3
23.30						

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

15.02		5921	-99.7	-199.4	28.8	-92.0	-207.1
7.57		5886	-42.4	-237.6	26.4	-38.9	-241.1
67.37		5885	14.7	56.0	20.8	64.7	6.0
69.84		5920	2.1	56.9	23.2	65.4	-6.4

NODE	Vxx	Vyy
Cent	-0.0	-0.6
5921	-0.1	-0.5
5886	-0.1	-0.6
5885	-0.0	-0.6
5920	-0.0	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-32.81	cedime~1	Cent	-61.8	-144.3	-91.1	-3.0	-203.1
-41.63		5921	-30.2	-51.8	-91.1	50.7	-132.8
-20.70		5886	-30.2	-236.9	-91.1	4.2	-271.3
-25.88		5885	-93.3	-236.9	-91.1	-49.1	-281.1
-51.41		5920	-93.3	-51.8	-91.1	20.9	-166.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.52	Cent	8913.2	32567.6	-609.7	32583.3	8897.5
-88.94	5921	28877.7	77608.0	-899.8	77624.6	28861.1
88.96	5886	11806.6	72068.5	1089.7	72088.2	11786.9
3.90	5885	-3512.3	-12382.6	607.5	-3470.9	-12424.0
-13.33	5920	-1519.1	-7023.6	-1382.0	-1191.6	-7351.1

NODE	Vxx	Vyy
Cent	8.6	174.1
5921	16.7	169.3
5886	16.7	179.0
5885	0.4	179.0
5920	0.4	169.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.15	perm	Cent	97.0	192.3	187.0	337.7	-48.3
49.76		5921	59.6	122.4	187.0	280.6	-98.6
59.22		5886	59.6	262.3	187.0	373.6	-51.7
54.43		5885	134.5	262.3	187.0	396.0	0.7

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			5920	134.5	122.4	187.0	315.5	-58.7
44.07								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-941.4	-2273.6	113.1	-931.8	-2283.2	
4.82		5921	-3322.8	-7216.1	-105.9	-3319.9	-7219.0	
-1.56		5886	24.4	-2154.0	-130.7	32.2	-2161.8	
-3.42		5885	79.8	-82.6	188.6	204.0	-206.8	
33.35		5920	-546.9	358.2	213.4	406.0	-594.7	
77.38								
		NODE	Vxx	Vyy				

		Cent	-1.4	-9.9				
		5921	-2.0	-15.1				
		5886	-2.0	-4.6				
		5885	-0.8	-4.6				
		5920	-0.8	-15.1				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	290.8	605.0	548.7	1018.7	-54.5
52.99			5921	163.7	416.5	548.7	853.2	-40.5
51.49			5886	163.7	892.4	548.7	1186.8	-51.6
61.79			5885	435.2	892.4	548.7	1258.3	69.3
56.31			5920	435.2	416.5	548.7	974.6	-69.9
44.51		Min	Cent	-10.7	30.1	64.4	77.2	-127.2
53.78			5921	7.5	45.8	64.4	93.8	-273.0
53.28			5886	7.5	-17.9	64.4	60.4	-132.3
39.42			5885	-34.1	-17.9	64.4	38.9	-90.9
48.58			5920	-34.1	45.8	64.4	81.6	-123.0
60.90								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	8520.4	32024.6	4245.4	32574.1	7970.8
81.40			5921	26526.9	72926.4	7718.8	73907.8	25545.5
81.81			5886	19351.5	82315.1	7551.2	83208.1	18458.6
83.26			5885	4567.1	15390.4	2755.5	15801.1	4156.3
79.18			5920	1469.9	7410.1	2706.7	8458.4	421.5
68.83		Min	Cent	-13928.9	-54224.7	-3160.3	-13768.1	-54385.5
-3.61			5921	-44579.4	-114920.5	-6204.8	-44181.6	-115318.4

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-4.29							
	5886	-26123.5	-122175.3	-6625.9	-25668.6	-122630.2	
-3.93							
	5885	-8181.9	-34360.9	-3558.7	-7853.3	-34689.5	
-6.35							
	5920	-9779.5	-24307.4	-3048.7	-9165.7	-24921.2	
-11.38							

	NODE	Vxx	Vyy
Max	Cent	9.6	199.8
	5921	18.9	182.4
	5886	18.9	239.3
	5885	0.8	239.3
	5920	0.8	182.4
Min	Cent	-17.5	-225.7
	5921	-30.8	-222.5
	5886	-30.8	-264.8
	5885	-7.1	-264.8
	5920	-7.1	-222.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

50.92	INV TO~2	Max	Cent	421.2	724.7	723.4	1312.1	-54.5
			5921	259.0	416.5	723.4	1030.2	-40.5
46.83			5886	259.0	1097.6	723.4	1514.4	-51.6
60.05			5885	583.5	1097.6	723.4	1608.3	72.9
54.78			5920	583.5	416.5	723.4	1200.2	-69.9
40.45		Min	Cent	-10.7	30.1	64.4	77.2	-166.1
53.78			5921	7.5	45.8	64.4	93.8	-419.5
53.28			5886	7.5	-17.9	64.4	60.4	-157.8
39.42			5885	-34.1	-17.9	64.4	38.9	-90.9
48.58			5920	-34.1	45.8	64.4	81.6	-265.0
60.90								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

81.40		Max	Cent	8520.4	32024.6	4245.4	32574.1	7970.8
			5921	26526.9	72926.4	7718.8	73907.8	25545.5
81.81			5886	19351.5	82315.1	7551.2	83208.1	18458.6
83.26			5885	4567.1	15390.4	2755.5	15801.1	4156.3
79.18			5920	1469.9	7410.1	2706.7	8458.4	421.5
68.83		Min	Cent	-13928.9	-54224.7	-3160.3	-13768.1	-54385.5
-3.61			5921	-44579.4	-114920.5	-6204.8	-44181.6	-115318.4
-4.29			5886	-26123.5	-122175.3	-6625.9	-25668.6	-122630.2
-3.93			5885	-8181.9	-34360.9	-3558.7	-7853.3	-34689.5
-6.35								

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Max	Cent	23.4	3.1
	5957	48.8	2.8
Min	5921	48.8	5.1
	5920	2.7	5.1
	5956	2.7	2.8
	Cent	-0.3	-257.3
	5957	-0.6	-365.2
	5921	-0.6	-153.6
	5920	-3.8	-153.6
	5956	-3.8	-365.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
59.75	c mob-b	Max Cent	43.4	184.0	124.2	256.5	-29.0
60.96		5957	38.3	193.0	124.2	262.0	-30.7
61.72		5921	38.3	202.3	124.2	269.2	-28.6
60.56		5920	52.3	202.3	124.2	272.4	-17.9
59.77		5956	52.3	193.0	124.2	265.4	-20.2
-7.39		Min Cent	-21.9	-154.5	-17.5	-19.6	-156.8
-3.55		5957	-15.2	-296.4	-17.5	-14.1	-297.5
-35.04		5921	-15.2	-27.8	-17.5	-2.9	-40.1
-51.56		5920	-36.0	-27.8	-17.5	-14.0	-49.9
-3.83		5956	-36.0	-296.4	-17.5	-34.8	-297.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
47.93	Max Cent	88.2	469.5	1854.5	2143.1	-1585.5	
47.56		5957	300.3	1139.0	4675.4	5413.9	-3974.5
50.81		5921	689.6	1862.3	2851.8	4187.5	-1635.5
65.08		5920	1067.0	3255.0	1296.2	3857.2	464.8
73.58		5956	2911.3	12754.2	3176.5	13690.3	1975.2
-2.91	Min Cent	-6061.1	-25463.7	-989.0	-6010.8	-25514.0	
-0.85		5957	-2005.1	-47721.5	-676.6	-1995.1	-47731.5
-1.85		5921	-24413.6	-64257.4	-1286.0	-24372.2	-64298.8
-14.21		5920	-3629.3	-10586.6	-1882.5	-3152.6	-11063.3
-10.38		5956	-1085.0	-6705.7	-1065.6	-889.8	-6901.0

	NODE	Vxx	Vyy
Max	Cent	9.2	13.6
	5957	19.0	11.7
	5921	19.0	20.9
	5920	1.7	20.9
	5956	1.7	11.7

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Min	Cent	-0.2	-130.8
	5957	-0.4	-131.7
	5921	-0.4	-130.9
	5920	-1.6	-130.9
	5956	-1.6	-131.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.00	pp	Cent	74.4	-171.4	252.0	231.8	-328.9
19.78		5957	77.7	-532.1	252.0	168.3	-622.8
51.24		5921	77.7	189.3	252.0	391.5	-124.6
51.60		5920	71.1	189.3	252.0	389.0	-128.6
19.94		5956	71.1	-532.1	252.0	162.5	-623.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.85	Cent	-1710.3	-6811.9	435.6	-1673.4	-6848.8
2.75	5957	-1392.1	-24833.3	1126.8	-1338.0	-24887.4
-9.43	5921	-6257.4	-11045.9	-817.5	-6121.7	-11181.6
89.09	5920	-492.2	934.8	22.6	935.1	-492.6
74.20	5956	1300.6	7696.8	1967.0	8253.3	744.1

NODE	Vxx	Vyy
Cent	4.8	-47.0
5957	9.8	-71.1
5921	9.8	-23.0
5920	-0.3	-23.0
5956	-0.3	-71.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.49	vento -y	Cent	0.2	-2.5	0.1	0.2	-2.5
1.89		5957	0.0	-3.6	0.1	0.0	-3.6
4.57		5921	0.0	-1.4	0.1	0.0	-1.4
3.64		5920	0.4	-1.4	0.1	0.4	-1.4
1.71		5956	0.4	-3.6	0.1	0.4	-3.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.94	Cent	-22.5	-35.0	11.7	-15.5	-42.1
28.35	5957	3.0	-21.8	18.9	13.2	-32.0

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10.64		5921	-94.5	-197.8	20.1	-90.7	-201.6
80.62		5920	-0.1	56.2	9.6	57.8	-1.7
71.27		5956	1.5	23.2	8.3	26.0	-1.3

NODE	Vxx	Vyy
Cent	0.0	-0.3
5957	0.0	-0.1
5921	0.0	-0.5
5920	0.0	-0.5
5956	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-59.31	cedime~1	Cent	-14.6	37.9	-48.0	66.4	-43.1
-72.82		5957	-27.2	113.4	-48.0	128.2	-42.1
-41.91		5921	-27.2	-37.6	-48.0	15.9	-80.7
-34.82		5920	-1.9	-37.6	-48.0	31.5	-71.0
-70.10		5956	-1.9	113.4	-48.0	130.8	-19.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.93	Cent	6335.4	32016.6	-1379.7	32090.5	6261.5
-85.99	5957	3386.9	79575.1	-5370.9	79951.9	3010.2
89.24	5921	29745.6	77868.3	635.6	77876.7	29737.2
12.35	5920	-2953.8	-7454.0	1035.0	-2727.1	-7680.6
-15.10	5956	-4837.1	-21923.2	-4971.4	-3495.9	-23264.4

NODE	Vxx	Vyy
Cent	-13.2	195.6
5957	-29.2	222.0
5921	-29.2	169.3
5920	2.7	169.3
5956	2.7	222.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.05	perm	Cent	24.5	6.8	85.7	101.8	-70.5
28.62		5957	23.3	-87.0	85.7	70.0	-133.8
57.14		5921	23.3	100.6	85.7	156.0	-32.1
56.80		5920	25.7	100.6	85.7	156.7	-30.3
28.33		5956	25.7	-87.0	85.7	71.9	-133.2

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
1.63		Cent	-904.5	-3744.6	80.9	-902.2	-3746.9
2.41		5957	-589.2	-11384.7	455.1	-570.0	-11403.9
-5.45		5921	-3547.4	-7283.5	-360.0	-3513.0	-7317.8
-78.50		5920	-110.6	489.1	-127.3	515.0	-136.5
75.93		5956	629.0	3200.6	687.8	3373.0	456.6

NODE	Vxx	Vyy
Cent	2.2	-23.5
5957	4.5	-31.9
5921	4.5	-15.1
5920	-0.1	-15.1
5956	-0.1	-31.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
55.93	INV TO~1	Max Cent	83.2	324.4	253.4	457.9	-45.5
63.77		5957	106.5	394.9	253.4	496.1	-21.9
58.90		5921	106.5	373.8	253.4	526.6	-28.5
59.35		5920	96.3	373.8	253.4	523.9	-23.1
63.10		5956	96.3	394.9	253.4	499.1	-9.9
5.49	Min	Cent	-19.6	-201.8	14.0	-18.3	-219.8
2.29		5957	-24.4	-487.1	14.0	-23.8	-494.9
73.82		5921	-24.4	19.8	14.0	23.9	-46.4
76.35		5920	-34.4	19.8	14.0	23.2	-64.2
2.36		5956	-34.4	-487.1	14.0	-33.9	-495.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.81	Max	Cent	5549.9	28905.7	3518.7	29100.0	5355.6
86.83		5957	3203.1	69728.1	9064.4	69932.6	2998.7
83.61		5921	27129.2	73099.0	5217.5	73683.8	26544.5
69.41		5920	4082.0	7790.8	2657.5	8400.4	3472.4
75.24		5956	10775.1	45090.3	9715.1	47649.9	8215.5
-3.13	Min	Cent	-12845.0	-71183.2	-4575.3	-12670.4	-71357.7
-0.90		5957	-11641.8	-202890.9	-8380.8	-11594.5	-202938.3
		5921	-50377.3	-116129.2	-10900.7	-48617.2	-117889.3

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-9.17							
		5920	-8989.9	-24521.8	-3877.7	-8486.0	-25025.8
-10.05							
		5956	-5672.9	-29779.5	-5722.1	-4383.6	-31068.8
-12.70							

		NODE	Vxx	Vyy
Max	Cent		33.8	190.4
	5957		70.4	205.9
	5921		70.4	182.4
	5920		6.3	182.4
	5956		6.3	205.9
Min	Cent		-11.4	-370.8
	5957		-25.4	-524.9
	5921		-25.4	-222.5
	5920		-5.3	-222.5
	5956		-5.3	-524.9

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~2	Max	Cent	100.5	324.4	340.1	457.9	-45.5
55.93			5957	106.5	394.9	340.1	496.1	-21.9
63.77			5921	106.5	373.8	340.1	528.6	-28.5
51.24			5920	96.3	373.8	340.1	525.1	-23.1
51.60			5956	96.3	394.9	340.1	499.1	-9.9
63.10		Min	Cent	-19.6	-231.4	14.0	-18.3	-444.0
5.49			5957	-24.4	-718.4	14.0	-23.8	-840.7
2.29			5921	-24.4	19.8	14.0	23.9	-168.2
73.82			5920	-34.4	19.8	14.0	23.2	-173.6
76.35			5956	-34.4	-718.4	14.0	-33.9	-841.8
2.36								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	5549.9	28905.7	3518.7	29100.0	5355.6
84.81			5957	3203.1	69728.1	9064.4	69932.6	2998.7
86.83			5921	27129.2	73099.0	5217.5	73683.8	26544.5
83.61			5920	4082.0	7790.8	2657.5	8400.4	3472.4
69.41			5956	10775.1	45090.3	9715.1	47649.9	8215.5
75.24		Min	Cent	-12845.0	-71183.2	-4575.3	-12670.4	-71357.7
-3.13			5957	-11641.8	-202890.9	-8380.8	-11594.5	-202938.3
-0.90			5921	-50377.3	-116129.2	-10900.7	-48617.2	-117889.3
-9.17			5920	-8989.9	-24521.8	-3877.7	-8486.0	-25025.8
-10.05			5956	-5672.9	-29779.5	-5722.1	-4383.6	-31068.8
-12.70								

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	NODE	Vxx	Vyy
Max	Cent	33.8	190.4
	5957	70.4	205.9
	5921	70.4	182.4
	5920	6.3	182.4
	5956	6.3	205.9
Min	Cent	-11.4	-370.8
	5957	-25.4	-524.9
	5921	-25.4	-222.5
	5920	-5.3	-222.5
	5956	-5.3	-524.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3931	2	21	c mob-a	Max	Cent	12.6	28.2	1.1	28.3	12.5
	85.81				3455	22.1	86.5	1.5	86.5	22.0
	88.65				3424	0.3	0.9	0.9	1.5	-0.4
	53.29				3423	4.3	0.9	0.9	4.5	0.7
	14.88				3454	37.7	91.8	1.4	91.9	37.7
	88.48			Min	Cent	-0.6	-3.8	-54.8	52.6	-57.0
	-44.15				3455	-0.4	-3.0	-51.3	49.6	-53.0
	-44.28				3424	-12.9	-41.9	-38.7	13.9	-68.8
	-34.71				3423	-1.8	-37.6	-58.3	41.3	-80.7
	-36.46				3454	-0.9	-3.2	-70.9	68.8	-73.0
	-44.54									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	63.5	624.8	1239.0	1614.5	-926.3
	51.38				3455	184.0	923.7	1493.0	2092.0	-984.3
	51.96				3424	19.3	738.2	1574.5	1993.8	-1236.2
	51.43				3423	17.2	870.3	887.9	1428.8	-541.3
	57.83				3454	85.7	1060.0	806.6	1515.1	-369.4
	60.56			Min	Cent	-88.3	-7512.4	-484.3	-56.8	-7543.8
	-3.72				3455	-236.9	-4189.1	-534.0	-166.1	-4260.0
	-7.56				3424	-24.6	-6039.7	-561.9	27.5	-6091.8
	-5.29				3423	-93.2	-13680.2	-423.1	-80.1	-13693.3
	-1.78				3454	-62.1	-7381.6	-397.1	-40.6	-7403.1
	-3.10									

	NODE	Vxx	Vyy
Max	Cent	0.1	11.0
	3455	0.2	7.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	3424	0.2	16.0
	3423	0.1	16.0
	3454	0.1	7.2
Min	Cent	-0.1	-0.7
	3455	-0.2	-1.1
	3424	-0.2	-1.0
	3423	-0.0	-1.0
	3454	-0.0	-1.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

87.29	c mob-b	Max Cent	12.7	30.0	0.8	30.0	12.6
88.88		3455	21.8	87.9	1.3	87.9	21.8
58.01		3424	0.2	0.8	0.7	1.3	-0.3
8.60		3423	4.8	1.0	0.6	4.9	0.9
88.94		3454	38.1	93.4	1.0	93.4	38.0
-43.71		Min Cent	-0.9	-6.0	-56.1	52.7	-59.6
-43.85		3455	-0.6	-4.9	-52.9	50.2	-55.7
-35.39		3424	-12.9	-40.6	-39.8	15.4	-68.9
-37.00		3423	-2.3	-36.3	-59.3	42.3	-80.9
-44.25		3454	-1.4	-5.2	-72.4	69.1	-75.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

48.99	Max Cent	81.0	623.9	1937.7	2309.0	-1604.2
46.72		3455	204.3	483.8	2319.4	-1979.5
47.58		3424	23.0	465.7	2450.0	-2215.6
53.62		3423	9.6	892.5	1422.6	-1038.5
52.09		3454	135.3	789.1	1294.1	-872.6
-3.36	Min Cent	-78.6	-13677.1	-801.1	-31.5	-13724.2
-6.66		3455	-211.1	-8257.6	-952.3	-99.9
-4.97		3424	-26.3	-10682.5	-933.8	54.9
-1.62		3423	-109.2	-23093.0	-652.3	-90.7
-2.76		3454	-59.5	-14019.4	-674.8	-27.0

	NODE	Vxx	Vyy

Max	Cent	0.2	17.3
	3455	0.2	11.6
	3424	0.2	24.9
	3423	0.2	24.9
	3454	0.2	11.6
Min	Cent	-0.1	-0.7
	3455	-0.2	-0.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3424 -0.2 -0.9
 3423 -0.0 -0.9
 3454 -0.0 -0.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-48.40	pp	Cent	35.0	71.7	-153.9	208.4	-101.7
-61.24		3455	62.6	243.9	-142.4	322.1	-15.5
-35.08		3424	-36.8	-114.9	-108.2	39.2	-190.9
-35.98		3423	7.4	-100.5	-165.5	127.6	-220.6
-55.40		3454	106.8	258.4	-199.7	396.1	-31.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
10.30	Cent	-160.1	-12281.4	2277.6	253.7	-12695.3
26.93	3455	-300.7	-4671.7	2991.9	1218.9	-6191.3
14.15	3424	-19.0	-11129.0	2990.8	735.0	-11883.0
3.06	3423	-192.9	-25753.3	1369.7	-119.7	-25826.5
10.11	3454	-127.7	-7571.6	1370.8	116.7	-7816.0

NODE	Vxx	Vyy
Cent	-0.1	17.5
3455	-0.3	5.8
3424	-0.3	29.2
3423	0.1	29.2
3454	0.1	5.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
86.79	vento -y	Cent	-0.4	-0.3	0.0	-0.3	-0.4
-25.17		3455	-0.5	-0.7	-0.1	-0.5	-0.8
-87.93		3424	-0.3	0.1	-0.0	0.1	-0.3
72.66		3423	-0.2	0.2	0.1	0.2	-0.2
5.24		3454	-0.4	-0.7	0.0	-0.4	-0.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-12.65	Cent	-0.3	-136.1	-32.1	6.9	-143.3
-13.57	3455	-1.3	-144.4	-36.7	7.5	-153.3
-17.52	3424	0.5	-103.0	-36.3	11.9	-114.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-14.17		3423	-1.7	-105.0	-27.8	5.3	-112.0
-8.16		3454	1.2	-191.8	-28.3	5.3	-195.8

NODE	Vxx	Vyy
Cent	0.0	0.0
3455	-0.0	0.1
3424	-0.0	0.0
3423	0.0	0.0
3454	0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.06	cedime~1	Cent	2.6	6.3	26.0	30.5	-21.6
40.30		3455	1.9	-6.8	26.2	24.1	-29.0
52.81		3424	9.7	21.6	21.2	37.7	-6.4
53.71		3423	3.3	19.5	25.8	38.4	-15.6
42.96		3454	-4.5	-8.9	30.7	24.1	-37.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.54	Cent	-120.0	63414.3	-1621.5	63455.6	-161.3
-87.70	3455	-22.7	47905.4	-1923.9	47982.5	-99.8
-87.30	3424	3.0	51205.0	-2419.2	51319.0	-111.0
-89.39	3423	362.8	86978.5	-925.0	86988.4	353.0
-89.64	3454	-823.1	67568.2	-429.7	67570.9	-825.8

NODE	Vxx	Vyy
Cent	-0.6	-55.4
3455	-0.0	-39.3
3424	-0.0	-71.5
3423	-1.2	-71.5
3454	-1.2	-39.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-49.18	perm	Cent	10.7	26.6	-53.9	73.1	-35.8
-60.69		3455	18.3	80.6	-51.1	109.3	-10.4
-37.84		3424	-13.1	-32.8	-38.5	16.8	-62.7
-37.43		3423	3.2	-27.5	-56.6	46.5	-70.8
-55.18		3454	34.6	85.9	-69.2	134.1	-13.6

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	Vxx	Vyy			
6.01	-39.9	-7072.8	749.1	39.0	-7151.7	
17.71	3455	-84.0	-2825.6	975.2	227.5	-3137.1
11.20	3424	-7.1	-4862.2	1000.7	191.1	-5060.3
1.88	3423	-83.3	-13531.0	441.8	-68.8	-13545.5
3.35	3454	14.9	-7072.5	416.3	39.3	-7096.9

NODE Vxx Vyy

Cent	0.0	12.9
3455	-0.1	8.5
3424	-0.1	17.3
3423	0.1	17.3
3454	0.1	8.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-46.00	INV TO~1	Max	Cent	30.4	73.4	-26.3	143.6	17.9
-73.51			3455	49.9	199.2	-22.9	213.7	46.3
-36.15			3424	-3.0	-10.1	-16.0	36.8	-22.9
-37.01			3423	13.0	-6.6	-29.6	103.0	-27.9
-66.57			3454	85.9	212.0	-36.6	241.2	71.3
-64.60		Min	Cent	9.5	18.5	-129.5	85.9	-115.6
-51.98			3455	17.4	67.2	-122.5	142.5	-80.1
-38.80			3424	-30.5	-89.4	-92.2	9.9	-156.8
-35.84			3423	0.0	-78.2	-136.6	34.4	-181.2
-49.37			3454	28.2	70.0	-166.9	186.9	-112.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
88.26	Max	Cent	69.4	57184.9	3365.0	57237.9	-103.6
87.30		3455	191.8	46326.8	4106.4	46429.8	66.2
87.72		3424	27.0	47339.3	4308.1	47414.6	-48.3
88.89		3423	302.7	74652.5	2362.3	74680.2	274.9
88.41		3454	197.5	61926.6	2163.3	61974.6	-673.6
-0.75	Min	Cent	-279.0	-25536.9	-1953.8	-154.7	-25541.3
-1.31		3455	-426.5	-13973.4	-2234.4	-396.8	-13980.5
-0.77		3424	-42.6	-19283.6	-2679.1	-39.1	-19287.1
		3423	-230.7	-44706.5	-1363.9	-226.4	-44710.8

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-0.57
-1.09

	NODE	Vxx	Vyy
Max	Cent	0.2	36.2
	3455	0.2	24.1
	3424	0.2	51.0
	3423	0.4	51.0
	3454	0.4	24.1
Min	Cent	-0.7	-43.4
	3455	-0.4	-32.3
	3424	-0.4	-55.6
	3423	-1.1	-55.6
	3454	-1.1	-32.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-48.40	INV TO~2	Max	Cent	47.3	96.8	-26.3	281.4	17.9
-61.24			3455	84.5	329.3	-22.9	434.8	46.3
-35.08			3424	-3.0	-10.1	-16.0	53.0	-22.9
-35.98			3423	13.0	-6.6	-29.6	172.2	-27.9
-55.40			3454	144.1	348.8	-36.6	534.8	71.3
-64.60		Min	Cent	9.5	18.5	-207.8	85.9	-137.3
-51.98			3455	17.4	67.2	-192.2	142.5	-80.1
-38.80			3424	-49.6	-155.1	-146.1	9.9	-257.7
-35.84			3423	0.0	-135.6	-223.5	34.4	-297.9
-49.37			3454	28.2	70.0	-269.5	186.9	-112.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

88.26	Max	Cent	69.4	57184.9	3365.0	57237.9	-103.6	
87.30			3455	191.8	46326.8	4106.4	46429.8	66.2
87.72			3424	27.0	47339.3	4308.1	47414.6	-48.3
88.89			3423	302.7	74652.5	2362.3	74680.2	274.9
88.41			3454	197.5	61926.6	2163.3	61974.6	-673.6
-0.75		Min	Cent	-279.0	-25536.9	-1953.8	-154.7	-25541.3
-1.31			3455	-426.5	-13973.4	-2234.4	-396.8	-13980.5
-0.77			3424	-42.6	-19283.6	-2679.1	-39.1	-19287.1
-0.57			3423	-260.5	-44706.5	-1363.9	-226.4	-44710.8
-1.09			3454	-892.0	-25998.6	-924.5	-59.5	-26008.1

PROJECT TITLE :

	Company		Client	
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Max	Cent	0.2	36.2
	3455	0.2	24.1
	3424	0.2	51.0
	3423	0.4	51.0
	3454	0.4	24.1
Min	Cent	-0.7	-43.4
	3455	-0.4	-32.3
	3424	-0.4	-55.6
	3423	-1.1	-55.6
	3454	-1.1	-32.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

3932	2	21	c mob-a	Max	Cent	49.6	74.6	2.1	74.8
85.17					3486	39.9	50.4	2.5	51.0
77.50					3455	52.4	96.3	2.1	96.4
87.33					3454	60.3	99.2	1.8	99.3
87.29					3485	47.7	53.4	2.3	54.2
70.53				Min	Cent	-1.4	-2.7	-125.4	123.3
-44.85					3486	-1.0	-2.9	-132.4	130.4
-44.80					3455	-1.4	-3.3	-125.6	123.3
-44.78					3454	-1.9	-3.5	-118.3	115.6
-44.81					3485	-1.7	-3.2	-125.1	122.7
-44.83									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	143.6	1326.0	1179.0	2053.7
58.32					3486	481.9	1454.1	1412.9	2462.2
54.49					3455	217.2	923.7	1398.6	2013.0
52.09					3454	138.4	1060.0	881.1	1593.5
58.80					3485	382.3	3706.8	899.1	3934.4
75.80				Min	Cent	-207.6	-4560.6	-705.7	-96.1
-8.98					3486	-558.2	-2215.9	-832.9	-212.0
-22.57					3455	-275.8	-4189.1	-700.1	-154.4
-9.84					3454	-186.0	-7381.6	-506.9	-150.4
-4.01					3485	-426.4	-6702.0	-643.6	-361.1
-5.80									
				NODE	Vxx	Vyy			

				Max	Cent	0.6	7.8		
					3486	0.7	10.0		
					3455	0.7	7.2		
					3454	0.6	7.2		

PROJECT TITLE :

	Company		Client	
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	Min	3485	0.6	10.0
	Cent	3486	-0.6	-2.7
		3486	-0.7	-5.4
		3455	-0.7	-1.1
		3454	-0.5	-1.1
		3485	-0.5	-5.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
86.35	c mob-b	Max Cent	49.5	75.8	1.7	75.9	49.4
79.82		3486	39.3	50.8	2.1	51.2	38.9
87.82		3455	51.2	97.7	1.8	97.7	51.1
88.13		3454	60.9	100.9	1.3	100.9	60.9
75.74		3485	48.0	54.1	1.6	54.5	47.6
-44.75		Min Cent	-2.2	-4.4	-128.0	124.7	-131.3
-44.60		3486	-1.3	-5.0	-135.5	132.4	-138.7
-44.66		3455	-2.2	-5.2	-128.0	124.3	-131.7
-44.71		3454	-3.3	-5.7	-120.5	116.0	-125.0
-44.67		3485	-2.6	-5.6	-128.1	124.0	-132.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.53	Max Cent	118.4	1108.0	1613.2	2300.6	-1074.2
49.10	3486	407.5	962.1	1925.0	2629.7	-1260.1
46.52	3455	266.9	483.8	2040.4	2418.6	-1667.9
51.02	3454	252.7	789.1	1256.9	1806.2	-764.3
71.52	3485	378.0	3418.5	1143.9	3800.8	-4.3
-7.38	Min Cent	-360.2	-9592.9	-1215.6	-202.8	-9750.2
-17.43	3486	-888.6	-5219.0	-1508.5	-414.9	-5692.7
-8.49	3455	-257.4	-8257.6	-1222.1	-74.9	-8440.1
-3.44	3454	-189.5	-14019.4	-833.6	-139.5	-14069.4
-5.05	3485	-789.7	-13402.9	-1122.2	-690.6	-13502.0

	NODE	Vxx	Vyy
Max	Cent	0.5	13.1
	3486	0.6	17.0
	3455	0.6	11.6
	3454	0.6	11.6
	3485	0.6	17.0
Min	Cent	-1.0	-2.5
	3486	-0.9	-5.0
	3455	-0.9	-0.7
	3454	-1.0	-0.7

PROJECT TITLE :

	Company		Client	
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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3485			-1.0			-5.0	
ANGLE							

	pp	Cent	139.5	210.8	-353.8	530.8	-180.5
-47.88		3486	110.1	142.9	-373.1	499.9	-246.9
-46.26		3455	145.6	271.1	-355.1	568.9	-152.2
-50.01		3454	168.9	278.7	-334.6	562.9	-115.3
-49.66		3485	133.4	150.5	-352.6	494.7	-210.8
-45.70							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	176.0	-1564.4	2213.7	1684.4	-3072.7
34.27		3486	789.5	938.8	2778.5	3643.6	-1915.4
45.77		3455	-419.9	-4671.7	2738.9	921.4	-6013.0
26.09		3454	-524.0	-7571.6	1539.5	-202.4	-7893.2
11.80		3485	858.4	5047.1	1579.1	5575.7	329.7
71.49							
		NODE	Vxx	Vyy			

		Cent	1.3	-1.2			
		3486	1.2	-8.2			
		3455	1.2	5.8			
		3454	1.4	5.8			
		3485	1.4	-8.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-1.3	-0.4	0.2	-0.3	-1.3
75.47		3486	-1.4	0.1	0.1	0.1	-1.4
85.52		3455	-1.7	-1.1	0.6	-0.8	-2.0
59.26		3454	-1.1	-0.9	0.4	-0.7	-1.4
53.60		3485	-0.8	0.3	-0.1	0.3	-0.8
-85.96							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-10.7	-204.2	-38.5	-3.3	-211.6
-10.86		3486	-24.9	-147.1	-44.3	-10.5	-161.4
-17.99		3455	1.8	-144.4	-40.8	12.4	-155.0
-14.57		3454	3.2	-191.8	-31.3	8.1	-196.7
-8.89							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          Cent      -74.6   -3523.1   562.5    14.8   -3612.5
    9.03
          3486      -76.5    -260.6   721.0    558.3   -895.4
    41.36
          3455      -96.9   -2825.6   775.3    108.0  -3030.5
    14.80
          3454      -66.5   -7072.5   400.0    -43.8  -7095.2
    3.26
          3485      -58.6   -3933.6   345.7    -28.0  -3964.2
    5.06
  
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          NODE      Vxx      Vyy
-----
          Cent      0.0      7.9
          3486      0.0      7.3
          3455      0.0      8.5
          3454      0.0      8.5
          3485      0.0      7.3
  
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          ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
    -46.12      INV TO~1  Max  Cent      114.4    172.8    -71.0    345.0     66.8
          3486      90.7    123.4    -78.1    345.1     27.2
    -45.38      3455      115.0    220.7    -67.9    355.8     80.4
    -47.00      3454      140.4    228.2    -63.9    343.6    105.5
    -46.84      3485      115.5    132.3    -74.0    332.9     49.4
    -45.14      Min  Cent      39.4     62.4   -293.9    220.4   -243.2
    -56.18      3486      29.8     38.0   -311.2    186.8   -277.3
    -50.91      3455      40.8     74.6   -293.7    248.1   -233.1
    -62.97      3454      48.7     78.5   -276.6    257.4   -210.7
    -61.34      3485      37.4     40.3   -294.0    198.4   -255.2
    -48.23
  
```

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          ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Max  Cent      1583.0   53787.6   3825.4   54066.4   1304.2
    85.83      3486      4330.6   37203.2   4557.1   37823.2   3710.5
    82.25      3455      263.4    46326.8   3577.1   46601.2   -310.5
    85.61      3454      274.6    61926.6   2727.4   62044.8  -1012.5
    87.52      3485      4024.7   72178.6   3710.5   72380.1   3823.3
    86.89      Min  Cent      -560.8  -16473.4  -1078.6   -488.0  -16546.2
    -3.86      3486     -1276.1  -7306.3  -1315.5  -1001.6  -7580.7
    -11.79      3455     -768.9  -13973.4  -874.5   -412.9  -14029.8
    -3.69      3454    -1491.3  -25998.6  -725.4   -301.9  -26019.1
    -1.62      3485    -1124.6  -22027.5  -1169.3  -1059.4  -22092.7
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.19

	NODE	Vxx	Vyy
Max	Cent	5.2	25.6
	3486	5.0	30.3
	3455	5.0	24.1
	3454	5.4	24.1
	3485	5.4	30.3
Min	Cent	-1.3	-51.0
	3486	-1.2	-71.1
	3455	-1.2	-32.3
	3454	-1.4	-32.3
	3485	-1.4	-71.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-47.88 -46.26 -50.01 -49.66 -45.70 -56.18 -50.91 -62.97 -61.34 -48.23	INV TO~2	Max	Cent	188.3	284.6	-71.0	716.5	66.8
			3486	148.6	192.9	-78.1	674.9	27.2
			3455	196.5	366.0	-67.9	768.0	80.4
			3454	228.0	376.3	-63.9	759.9	105.5
			3485	180.1	203.2	-74.0	667.8	49.4
	Min	Cent	39.4	62.4	-477.7	220.4	-243.7	
		3486	29.8	38.0	-503.6	186.8	-333.4	
		3455	40.8	74.6	-479.3	248.1	-233.1	
		3454	48.7	78.5	-451.7	257.4	-210.7	
		3485	37.4	40.3	-476.0	198.4	-284.5	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
85.83 82.25 85.61 87.52 86.89 -3.86 -11.79 -3.69 -1.62 -3.19	Max	Cent	1583.0	53787.6	3825.4	54066.4	1304.2
		3486	4330.6	37203.2	4557.1	37823.2	3710.5
		3455	263.4	46326.8	3697.5	46601.2	-310.5
		3454	274.6	61926.6	2727.4	62044.8	-1012.5
		3485	4024.7	72178.6	3710.5	72380.1	3823.3
	Min	Cent	-560.8	-16473.4	-1078.6	-488.0	-16546.2
		3486	-1276.1	-7306.3	-1315.5	-1001.6	-7580.7
		3455	-768.9	-13973.4	-874.5	-412.9	-14029.8
		3454	-1491.3	-25998.6	-725.4	-301.9	-26019.1
		3485	-1124.6	-22027.5	-1169.3	-1059.4	-22092.7

	NODE	Vxx	Vyy
Max	Cent	5.2	25.6

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		3486	5.0	30.3
		3455	5.0	24.1
		3454	5.4	24.1
		3485	5.4	30.3
Min	Cent		-1.3	-51.0
		3486	-1.2	-71.1
		3455	-1.2	-32.3
		3454	-1.4	-32.3
		3485	-1.4	-71.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3969	2	21	c mob-a	Max Cent	1.2	0.2	38.6	39.3	-37.9
44.61				4632	1.2	0.3	39.1	39.8	-38.3
44.64				4602	1.2	0.2	34.6	35.3	-34.0
44.59				4601	1.2	0.2	38.2	38.9	-37.5
44.59				4631	1.3	0.3	42.7	43.5	-42.0
44.66				Min Cent	-362.6	-49.5	-24.7	-47.5	-364.5
-85.51				4632	-365.7	-69.4	-24.9	-67.3	-367.7
-85.22				4602	-354.1	-27.9	-27.4	-25.6	-356.4
-85.24				4601	-360.1	-30.0	-24.8	-28.2	-361.9
-85.74				4631	-371.6	-71.5	-22.4	-69.8	-373.3
-85.75									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	5699.2	13089.7	13039.8	22947.7	-4158.9
52.91				4632	12168.3	20927.3	13635.5	30869.4	2226.2
53.90				4602	7780.2	29267.3	11049.9	33935.6	3111.9
67.10				4601	3513.0	7140.6	11178.4	16651.4	-5997.8
49.61				4631	8702.3	11669.7	13721.4	23987.4	-3615.4
48.09				Min Cent	-1520.6	-3369.4	-8772.2	6375.8	-11265.8
-41.99				4632	-3223.1	-6731.3	-7229.4	2462.0	-12416.4
-38.18				4602	-4068.2	-1416.5	-9582.3	6931.3	-12416.0
-48.94				4601	-2902.7	-11618.8	-9284.4	2995.6	-17517.1
-32.43				4631	-1491.7	-6564.6	-6939.8	3360.7	-11417.0
-34.96									
				NODE	Vxx	Vyy			
				Max Cent	10.9	49.9			
				4632	12.7	40.7			
				4602	12.7	73.2			
				4601	9.1	73.2			
				4631	9.1	40.7			
				Min Cent	-6.1	-6.3			

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4632 -8.4 -24.5
 4602 -8.4 -7.0
 4601 -3.9 -7.0
 4631 -3.9 -24.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.75	c mob-b Max	Cent	0.9	0.1	44.2	44.7	-43.7
44.77		4632	0.9	0.2	45.0	45.6	-44.5
44.76		4602	0.9	0.2	39.9	40.5	-39.4
44.74		4601	0.9	0.1	43.7	44.2	-43.2
44.78		4631	0.9	0.2	48.9	49.4	-48.3
-83.84	Min	Cent	-382.3	-53.1	-36.0	-49.3	-386.2
-83.48		4632	-384.2	-74.3	-35.9	-70.2	-388.3
-83.51		4602	-371.6	-29.4	-39.4	-24.9	-376.1
-84.16		4601	-381.5	-32.3	-36.1	-28.6	-385.2
-84.16		4631	-394.2	-77.7	-32.7	-74.4	-397.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
68.26	Max	Cent	6658.0	37662.2	14705.2	43527.3	792.8
74.18		4632	15317.0	60349.3	13869.1	64278.0	11388.3
79.14		4602	11344.2	67786.9	11242.8	69943.9	9187.2
53.40		4601	6027.6	14365.1	13808.2	24620.1	-4227.4
50.79		4631	10728.3	17452.8	16410.8	30842.2	-2661.1
-42.88	Min	Cent	-2249.5	-3770.0	-10273.8	7292.1	-13311.6
-40.77		4632	-6151.2	-8279.3	-7158.7	22.0	-14452.6
-51.08		4602	-6274.2	-2046.8	-9801.3	5866.1	-14187.1
-40.41		4601	-4470.1	-8312.2	-11896.0	5658.9	-18441.2
-46.24		4631	-3523.0	-2716.9	-9295.1	6183.9	-12423.8

	NODE	Vxx	Vyy
Max	Cent	14.3	98.4
	4632	16.7	97.5
	4602	16.7	124.9
	4601	11.9	124.9
	4631	11.9	97.5
Min	Cent	-10.5	-13.3
	4632	-13.5	-41.2
	4602	-13.5	-10.2
	4601	-7.5	-10.2
	4631	-7.5	-41.2

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
87.22	pp	Cent	-888.2	-111.2	37.8	-109.4	-890.0
87.00		4632	-896.1	-167.3	38.3	-165.3	-898.1
88.44		4602	-863.5	-49.7	22.2	-49.1	-864.2
87.42		4601	-880.3	-55.2	37.2	-53.5	-882.0
85.90		4631	-912.8	-172.8	53.3	-168.9	-916.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
19.40		Cent	1735.4	-1960.4	1485.3	2258.4	-2483.3
12.59		4632	3531.7	-4870.1	1975.4	3972.9	-5311.4
79.68		4602	411.1	3875.0	652.7	3993.9	292.2
7.77		4601	-148.8	-6117.5	829.8	-35.6	-6230.7
24.00		4631	3147.8	-728.8	2152.5	4106.1	-1687.1
		NODE	Vxx	Vyy			
		Cent	2.5	5.8			
		4632	2.5	-8.3			
		4602	2.5	20.0			
		4601	2.6	20.0			
		4631	2.6	-8.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.94	vento -y	Cent	26.3	3.5	-2.8	26.7	3.2
-9.23		4632	26.0	5.4	-3.4	26.5	4.8
-3.92		4602	24.8	1.0	-1.6	24.9	0.9
-4.97		4601	26.7	1.7	-2.2	26.8	1.5
-10.04		4631	27.9	6.0	-4.0	28.6	5.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.08		Cent	36.6	-67.7	54.3	59.7	-90.9
14.18		4632	87.3	-164.3	67.9	104.5	-181.5
70.55		4602	-1.0	75.9	31.0	86.9	-12.0
11.70		4601	-19.7	-178.9	34.5	-12.5	-186.0
29.86		4631	79.7	-3.6	71.3	120.6	-44.6

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		NODE	Vxx	Vyy				
		Cent	0.1	0.1				
		4632	0.1	-0.3				
		4602	0.1	0.5				
		4601	0.1	0.5				
		4631	0.1	-0.3				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	cedime~1	Cent	67.3	9.9	-4.0	67.6	9.6	
-4.01		4632	66.4	14.0	-5.6	67.0	13.4	
-6.03		4602	63.7	4.3	-1.3	63.7	4.3	
-1.21		4601	68.2	5.8	-2.5	68.3	5.7	
-2.29		4631	70.9	15.5	-6.8	71.7	14.7	
-6.93								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-142.5	45.8	-197.1	170.1	-266.8	
-57.76		4632	-295.9	287.0	-235.1	370.0	-378.9	
-70.55		4602	-25.4	-450.2	-133.2	12.9	-488.5	
-16.04		4601	27.6	483.0	-139.4	522.3	-11.6	
-74.27		4631	-276.2	-136.7	-241.3	44.7	-457.7	
-53.06								
		NODE	Vxx	Vyy				
		Cent	-0.2	-0.5				
		4632	-0.2	0.8				
		4602	-0.2	-1.9				
		4601	-0.2	-1.9				
		4631	-0.2	0.8				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	perm	Cent	-280.2	-35.0	10.9	-34.5	-280.7	
87.45		4632	-282.4	-53.3	11.5	-52.8	-283.0	
87.14		4602	-271.7	-14.6	5.5	-14.4	-271.8	
88.78		4601	-277.9	-16.6	10.4	-16.2	-278.3	
87.72		4631	-288.7	-55.4	16.4	-54.2	-289.8	
85.99								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	228.2	421.0	85.0	453.1	196.0	

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69.30		4632	339.7	1106.7	108.0	1121.6	324.7
82.13		4602	147.8	2117.4	20.9	2117.6	147.6
89.39		4601	190.7	-616.6	90.4	200.7	-626.6
6.31		4631	234.5	-923.6	177.6	261.1	-950.2
8.52							

NODE	Vxx	Vyy
Cent	0.1	4.8
4632	0.2	4.1
4602	0.2	5.5
4601	0.0	5.5
4631	0.0	4.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
72.23	INV TO~1	Max	Cent	-211.2	-24.8	70.6	-3.5	-232.6
71.39			4632	-214.4	-39.0	72.2	-16.5	-236.8
74.69			4602	-206.4	-10.0	59.4	5.9	-222.3
72.94			4601	-208.1	-10.6	69.4	9.9	-228.6
69.72			4631	-216.1	-39.5	82.4	-11.6	-244.0
-86.89		Min	Cent	-796.2	-106.7	-41.6	-104.7	-798.3
-86.74			4632	-801.1	-153.6	-42.6	-151.5	-803.2
-86.22			4602	-773.4	-54.2	-49.0	-51.1	-776.6
-87.02			4601	-793.0	-60.2	-40.8	-58.2	-794.9
-87.60			4631	-820.8	-160.3	-34.5	-159.1	-822.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
68.26	Max	Cent	9216.4	51310.7	19937.1	59214.9	1284.6
74.55			4632	21017.6	82865.3	18831.3	88005.0
79.38			4602	15462.5	93629.6	15198.6	96480.8
53.17			4601	8355.7	19259.2	18731.4	33182.3
50.03			4631	14717.7	22637.6	22332.1	41358.2
-43.07	Min	Cent	-2951.1	-4668.6	-13981.7	10077.4	-17793.6
-41.89			4632	-8260.4	-10070.4	-9886.8	691.5
-52.60			4602	-8347.8	-1096.0	-13344.0	9106.0
-35.93			4601	-5843.9	-16302.0	-16108.5	5730.6
-38.99			4631	-4797.7	-9922.6	-12612.2	5494.1

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		NODE	Vxx	Vyy
Max	Cent		19.4	137.6
		4632	22.7	136.6
		4602	22.7	174.0
		4601	16.1	174.0
		4631	16.1	136.6
Min	Cent		-14.3	-13.7
		4632	-18.3	-51.6
		4602	-18.3	-10.2
		4601	-10.3	-10.2
		4631	-10.3	-51.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
72.23	INV TO~2	Max	Cent	-211.2	-24.8	70.6	-3.5	-232.6
71.39			4632	-214.4	-39.0	72.2	-16.5	-236.8
74.69			4602	-206.4	-10.0	59.4	5.9	-222.3
72.94			4601	-208.1	-10.6	69.4	9.9	-228.6
69.72			4631	-216.1	-39.5	82.4	-11.6	-244.0
87.22		Min	Cent	-1199.1	-150.2	-41.6	-147.7	-1201.5
87.00			4632	-1209.8	-225.8	-42.6	-223.1	-1212.5
88.44			4602	-1165.8	-67.1	-49.0	-66.3	-1166.6
87.42			4601	-1188.4	-74.5	-40.8	-72.2	-1190.6
85.90			4631	-1232.3	-233.2	-34.5	-228.1	-1237.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
68.26	Max	Cent	9216.4	51310.7	19937.1	59214.9	1284.6	
74.55		4632	21017.6	82865.3	18831.3	88005.0	15714.0	
79.38		4602	15462.5	93629.6	15198.6	96480.8	12619.7	
53.17		4601	8355.7	19259.2	18731.4	33182.3	-5567.4	
50.03		4631	14717.7	22637.6	22332.1	41358.2	-2277.6	
19.40		Min	Cent	-2951.1	-4668.6	-13981.7	3048.8	-17793.6
-41.89			4632	-8260.4	-10070.4	-9886.8	691.5	-18938.0
79.68			4602	-8347.8	-1096.0	-13344.0	5391.7	-18549.7
7.77			4601	-5843.9	-16302.0	-16108.5	-48.0	-27876.4
-38.99			4631	-4797.7	-9922.6	-12612.2	5494.1	-20230.0

		NODE	Vxx	Vyy
Max	Cent		19.4	137.6
		4632	22.7	136.6
		4602	22.7	174.0

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	4601	16.1	174.0
	4631	16.1	136.6
Min	Cent	-14.3	-13.7
	4632	-18.3	-51.6
	4602	-18.3	-10.2
	4601	-10.3	-10.2
	4631	-10.3	-51.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3970	2	21	c mob-a	Max	Cent	1.3	2.5	24.6	26.6	-22.7
	45.71				4661	1.2	52.3	33.2	68.6	-15.1
	63.79				4632	1.3	0.3	23.8	24.7	-23.0
	44.38				4631	1.4	0.3	16.9	17.8	-16.0
	44.07				4660	1.3	47.8	27.0	60.2	-11.1
	65.37			Min	Cent	-368.0	-35.8	-41.2	-30.8	-373.1
	-83.04				4661	-347.0	-26.4	-30.6	-23.5	-349.9
	-84.60				4632	-368.8	-70.5	-41.6	-64.8	-374.5
	-82.21				4631	-389.1	-77.1	-52.3	-68.6	-397.7
	-80.73				4660	-367.5	-29.4	-40.9	-24.5	-372.3
	-83.19									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	1916.1	8451.9	13545.1	19117.7	-8749.7
	51.78				4661	3957.6	7949.6	11094.5	17226.3	-5319.0
	50.10				4632	13554.1	20927.3	11047.8	28887.4	5594.0
	54.23				4631	11637.8	11669.7	15983.2	27636.9	-4329.5
	45.03				4660	2830.1	22482.2	15563.6	31062.1	-5749.8
	61.13			Min	Cent	-3605.6	-32625.7	-9663.5	-682.3	-35549.1
	-16.83				4661	-15025.2	-20772.8	-12281.8	-5285.5	-30512.5
	-38.42				4632	-3123.2	-6731.3	-10899.5	6120.6	-15975.1
	-40.30				4631	-1875.8	-6564.6	-6603.1	2786.8	-11227.2
	-35.23				4660	-12605.2	-119268.7	-7319.8	-12105.2	-119768.7
	-3.91									
				NODE	Vxx	Vyy				
				Max	Cent	3.8	107.7			
					4661	4.1	203.1			
					4632	4.1	40.7			
					4631	3.7	40.7			
					4660	3.7	203.1			
				Min	Cent	-19.5	-12.3			
					4661	-21.2	-30.6			
					4632	-21.2	-24.5			

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			4631	-19.2	-24.5			
			4660	-19.2	-30.6			
	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	c mob-b	Max	Cent	1.0	4.2	29.8	32.4	-27.3
46.55			4661	0.9	64.0	39.1	82.6	-17.8
64.47			4632	1.0	0.2	29.2	29.8	-28.6
44.63			4631	1.0	0.2	21.7	22.3	-21.0
44.47			4660	0.9	58.5	31.0	72.0	-12.6
66.45		Min	Cent	-389.6	-39.6	-53.4	-31.6	-397.5
-81.52			4661	-364.8	-29.8	-43.5	-24.3	-370.4
-82.71			4632	-388.1	-75.6	-53.2	-66.8	-396.9
-80.60			4631	-414.4	-84.2	-67.1	-71.1	-427.5
-78.94			4660	-391.1	-34.5	-53.7	-26.6	-399.1
-81.62								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	2753.0	19645.5	15428.9	28788.7	-6390.2
59.35			4661	7122.7	39529.8	11699.0	43311.7	3340.8
72.09			4632	16329.3	60349.3	11393.7	63123.5	13555.1
76.32			4631	13441.5	17452.8	18621.2	34176.0	-3281.7
48.07			4660	4175.7	33112.8	18508.4	42136.8	-4848.2
64.01		Min	Cent	-4063.8	-27018.1	-11458.2	676.7	-31758.6
-22.48			4661	-16932.8	-20730.4	-12967.4	-5726.0	-31937.3
-40.83			4632	-5493.5	-8279.3	-11293.1	4492.2	-18265.1
-41.48			4631	-2852.2	-2716.9	-8964.8	6180.5	-11749.6
-45.22			4660	-13954.8	-118629.7	-9638.8	-13074.7	-119509.8
-5.22								
			NODE	Vxx	Vyy			
		Max	Cent	5.5	160.6			
			4661	8.5	268.9			
			4632	8.5	97.5			
			4631	5.5	97.5			
			4660	5.5	268.9			
		Min	Cent	-22.3	-18.1			
			4661	-24.8	-45.0			
			4632	-24.8	-41.2			
			4631	-21.1	-41.2			
			4660	-21.1	-45.0			
	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

	pp	Cent					
-88.18		4661	-901.9	-35.9	-27.6	-35.0	-902.8
89.22		4632	-838.6	118.1	13.1	118.3	-838.8
-87.64		4631	-919.8	-175.0	-30.7	-173.8	-921.0
-85.01		4631	-965.2	-189.9	-68.3	-183.9	-971.2
-88.58		4660	-884.0	103.2	-24.5	103.8	-884.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
3.83	Cent	-1038.1	-19620.3	1248.0	-954.7	-19703.8
-5.15	4661	-6769.2	-16951.9	-924.6	-6685.9	-17035.2
1.67	4632	4267.8	-4870.1	267.3	4275.6	-4877.9
27.22	4631	4730.6	-728.8	3817.5	6693.9	-2692.1
3.02	4660	-6381.7	-55930.5	2625.6	-6242.9	-56069.2

NODE	Vxx	Vyy
Cent	-8.8	34.8
4661	-8.7	77.9
4632	-8.7	-8.3
4631	-8.8	-8.3
4660	-8.8	77.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.30	vento -y	Cent	26.8	0.5	0.1	26.8	0.5
-3.90		4661	23.7	-5.6	-2.0	23.9	-5.8
2.25		4632	26.9	5.7	0.8	26.9	5.6
5.56		4631	29.8	6.6	2.3	30.0	6.4
-1.03		4660	26.7	-4.7	-0.6	26.7	-4.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.72	Cent	-40.8	-548.3	42.2	-37.3	-551.8
-3.64	4661	-202.1	-491.9	-18.5	-201.0	-493.0
3.37	4632	108.2	-164.3	16.1	109.1	-165.3
30.59	4631	121.9	-3.6	114.1	189.4	-71.1
3.38	4660	-191.2	-1533.4	79.5	-186.5	-1538.1

NODE	Vxx	Vyy
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Cent      -0.2      0.9
4661     -0.2      2.1
4632     -0.2     -0.3
4631     -0.2     -0.3
4660     -0.2      2.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.90	cedime~1	Cent	67.9	3.4	1.0	67.9	3.4
-3.05		4661	61.2	-9.9	-3.8	61.4	-10.1
2.87		4632	67.9	14.5	2.7	68.1	14.4
5.67		4631	74.7	16.7	5.8	75.2	16.1
-0.51		4660	67.9	-7.7	-0.7	67.9	-7.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-84.81	Cent	99.6	1517.4	-129.8	1529.2	87.8
84.39	4661	604.8	1294.4	68.4	1301.1	598.1
-84.92	4632	-360.5	287.0	-58.0	292.2	-365.7
-55.28	4631	-408.6	-136.7	-362.4	114.4	-659.8
-86.69	4660	562.8	4624.9	-236.0	4638.5	549.1

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NODE      Vxx      Vyy
Cent      0.8      -2.9
4661      0.8      -6.7
4632      0.8       0.8
4631      0.8       0.8
4660      0.8      -6.7
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-87.78	perm	Cent	-285.1	-8.9	-10.7	-8.5	-285.5
89.44		4661	-263.7	43.4	3.0	43.4	-263.7
-87.15		4632	-291.2	-56.2	-11.7	-55.6	-291.8
-84.35		4631	-306.6	-61.2	-24.5	-58.8	-309.0
-88.24		4660	-279.0	38.4	-9.7	38.7	-279.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.03	Cent	-13.9	-1272.8	89.1	-7.6	-1279.1
	4661	-427.8	-40.4	-67.0	-29.1	-439.0

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-80.46			4632	370.9	1106.7	14.5	1107.0	370.6
88.88			4631	462.6	-923.6	302.4	525.7	-986.7
11.79			4660	-461.4	-5234.0	220.9	-451.2	-5244.2
2.64								

NODE	Vxx	Vyy
Cent	-0.7	7.2
4661	-0.6	10.4
4632	-0.6	4.1
4631	-0.7	4.1
4660	-0.7	10.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
82.09	INV TO~1	Max	Cent	-215.4	0.2	30.5	4.4	-219.7
82.06			4661	-200.9	129.7	55.7	137.5	-209.1
80.71			4632	-221.5	-41.3	30.3	-36.3	-226.5
86.77			4631	-230.0	-44.1	10.5	-43.5	-230.6
85.38			4660	-209.3	117.4	32.1	119.9	-212.4
-83.76		Min	Cent	-811.0	-62.4	-82.8	-53.3	-820.1
-85.09			4661	-756.1	-6.8	-59.6	-1.7	-760.2
-82.86			4632	-815.1	-158.3	-83.6	-147.8	-825.6
-80.79			4631	-866.0	-175.0	-115.1	-156.3	-884.7
-83.54			4660	-807.0	-15.9	-82.9	-6.5	-815.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
59.46	Max	Cent	3802.2	26766.0	20918.1	39032.5	-8464.3	
72.41			4661	9792.8	54619.1	15795.0	59625.5	4786.4
76.62			4632	22415.4	82865.3	15396.0	86514.9	18704.4
47.26			4631	18608.7	22637.6	25441.0	46143.8	-4820.1
63.76			4660	5738.7	44093.2	25207.2	56401.3	-6569.5
-18.84	Min	Cent	-5500.1	-45317.6	-15509.2	-251.7	-50566.0	
-41.11			4661	-23287.1	-28083.6	-17573.0	-7949.5	-43421.2
-42.78			4632	-7405.9	-10070.4	-15289.3	6740.8	-23930.1
-37.42			4631	-3796.5	-9922.6	-12162.5	5639.1	-19401.8
-4.94			4660	-19300.4	-166246.7	-13027.4	-18195.3	-167351.9

NODE	Vxx	Vyy
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Max	Cent	7.5	224.0
	4661	11.6	373.4
	4632	11.6	136.6
	4631	7.4	136.6
	4660	7.4	373.4
Min	Cent	-30.7	-20.1
	4661	-34.1	-57.0
	4632	-34.1	-51.6
	4631	-29.2	-51.6
	4660	-29.2	-57.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
82.09	INV TO~2	Max	Cent	-215.4	0.2	30.5	4.4	-219.7
89.22		4661	-200.9	159.5	55.7	159.7	-209.1	
80.71		4632	-221.5	-41.3	30.3	-36.3	-226.5	
86.77		4631	-230.0	-44.1	10.5	-43.5	-230.6	
-88.58		4660	-209.3	139.4	32.1	140.2	-212.4	
-83.76	Min	Cent	-1217.6	-62.4	-82.8	-53.3	-1218.8	
-85.09		4661	-1132.1	-6.8	-59.6	-1.7	-1132.3	
-87.64		4632	-1241.7	-236.3	-83.6	-234.6	-1243.4	
-85.01		4631	-1303.1	-256.4	-115.1	-248.3	-1311.1	
-83.54		4660	-1193.4	-15.9	-82.9	-6.5	-1194.3	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
59.46	Max	Cent	3802.2	26766.0	20918.1	39032.5	-8464.3
72.41		4661	9792.8	54619.1	15795.0	59625.5	4786.4
76.62		4632	22415.4	82865.3	15396.0	86514.9	18704.4
47.26		4631	18608.7	22637.6	25441.0	46143.8	-3634.4
63.76		4660	5738.7	44093.2	25207.2	56401.3	-6569.5
3.83	Min	Cent	-5500.1	-45317.6	-15509.2	-1288.8	-50566.0
-5.15		4661	-23287.1	-28083.6	-17573.0	-9026.0	-43421.2
1.67		4632	-7405.9	-10070.4	-15289.3	5772.1	-23930.1
-37.42		4631	-3796.5	-9922.6	-12162.5	5639.1	-19401.8
-4.94		4660	-19300.4	-166246.7	-13027.4	-18195.3	-167351.9

	NODE	Vxx	Vyy
Max	Cent	7.5	224.0
	4661	11.6	373.4
	4632	11.6	136.6
	4631	7.4	136.6
	4660	7.4	373.4

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Min	Cent	-30.7	-20.1
	4661	-34.1	-57.0
	4632	-34.1	-51.6
	4631	-29.2	-51.6
	4660	-29.2	-57.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4009	2	14	c mob-a	Max	Cent	78.7	238.0	259.0	429.3	-112.6
53.54					5922	80.9	181.0	259.0	394.7	-132.8
50.47					5887	80.9	288.3	259.0	463.5	-94.4
55.91					5886	76.8	288.3	259.0	462.3	-97.2
56.10					5921	76.8	181.0	259.0	393.1	-135.2
50.69				Min	Cent	-31.4	-51.6	-21.2	-18.0	-65.0
-32.29					5922	-19.8	-62.8	-21.2	-11.1	-71.5
-22.33					5887	-19.8	-80.2	-21.2	-13.1	-86.9
-17.55					5886	-47.0	-80.2	-21.2	-36.6	-90.5
-25.97					5921	-47.0	-62.8	-21.2	-32.2	-77.5
-34.78										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	2489.8	2223.2	15114.7	17471.8	-12758.8
44.75					5922	15842.9	18148.3	13779.7	30823.5	3167.8
47.39					5887	8783.5	18477.4	19606.4	33827.1	-6566.2
51.94					5886	1760.1	5311.8	15961.5	19596.0	-12524.1
48.17					5921	610.7	1792.5	10137.9	11356.7	-8953.5
46.67				Min	Cent	-13562.4	-42896.1	-11851.2	-9372.7	-47085.7
-19.47					5922	-18732.5	-22629.3	-13919.3	-6625.9	-34735.9
-41.02					5887	-13971.8	-15173.7	-12200.6	-2357.3	-26788.1
-43.59					5886	-19184.6	-88406.4	-9307.7	-17954.9	-89636.0
-7.53					5921	-30609.1	-80182.0	-10655.2	-28415.9	-82375.2
-11.63										
				NODE	Vxx	Vyy				
				Max	Cent	8.9	142.4			
					5922	15.7	139.2			
					5887	15.7	182.2			
					5886	3.1	182.2			
					5921	3.1	139.2			
				Min	Cent	-15.7	-3.8			
					5922	-15.7	-1.6			
					5887	-15.7	-8.7			
					5886	-21.4	-8.7			
					5921	-21.4	-1.6			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
53.56	c mob-b	Max Cent	80.6	257.0	286.4	468.5	-130.9
52.81		5922	82.0	242.1	286.4	459.4	-135.3
56.17		5887	82.0	317.2	286.4	509.2	-110.0
56.25		5886	79.9	317.2	286.4	508.6	-111.4
52.91		5921	79.9	242.1	286.4	458.7	-136.6
-41.88		Min Cent	-28.8	-31.6	-13.0	-17.1	-43.3
-33.67		5922	-18.5	-29.3	-13.0	-9.8	-37.9
-23.85		5887	-18.5	-42.1	-13.0	-12.7	-47.8
-46.44		5886	-43.4	-42.1	-13.0	-29.7	-55.7
-59.24		5921	-43.4	-29.3	-13.0	-21.6	-51.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.29	Max Cent	1971.7	2228.0	12639.6	14740.1	-10540.4
38.79	5922	7277.5	1819.8	12386.0	17231.7	-8134.4
42.02	5887	6194.3	2710.9	16663.2	21206.6	-12301.4
49.05	5886	5566.1	9163.6	12651.4	20143.4	-5413.8
46.91	5921	691.4	1806.7	8371.8	9639.4	-7141.3
-14.24	Min Cent	-11608.1	-39299.5	-7511.5	-9701.8	-41205.8
-38.44	5922	-11431.8	-14785.0	-7189.5	-5726.0	-20490.8
-37.57	5887	-10635.2	-15409.0	-8991.6	-3719.1	-22325.1
-5.94	5886	-15815.6	-79643.1	-6709.6	-15117.9	-80340.8
-6.84	5921	-24135.6	-64570.1	-4919.8	-23545.6	-65160.1

	NODE	Vxx	Vyy
Max	Cent	3.6	114.5
	5922	10.5	102.5
	5887	10.5	143.7
	5886	1.0	143.7
	5921	1.0	102.5
Min	Cent	-13.9	-9.1
	5922	-12.9	-2.2
	5887	-12.9	-21.5
	5886	-18.5	-21.5
	5921	-18.5	-2.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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53.44	pp	Cent	213.7	582.1	606.7	1031.9	-236.1
48.88		5922	221.9	387.1	606.7	916.8	-307.8
57.29		5887	221.9	777.1	606.7	1166.7	-167.7
57.61		5886	205.4	777.1	606.7	1161.9	-179.4
49.26		5921	205.4	387.1	606.7	909.7	-317.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-43.16		Cent	-1239.8	-1730.6	-3821.7	2344.3	-5314.8
-42.38		5922	-2731.9	-3551.0	-4463.4	1340.7	-7623.6
-46.69		5887	1023.2	1580.1	-4715.5	6025.5	-3422.1
-60.45		5886	2429.5	5972.7	-2960.8	7651.4	750.8
-22.96		5921	-5680.1	-10924.4	-2708.7	-4532.3	-12072.2

		NODE	Vxx	Vyy			
		Cent	-2.9	2.8			
		5922	-2.4	14.3			
		5887	-2.4	-8.7			
		5886	-3.3	-8.7			
		5921	-3.3	14.3			

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

65.90	vento -y	Cent	-1.4	0.1	0.8	0.5	-1.8
40.87		5922	-1.8	-2.1	0.8	-1.1	-2.8
78.91		5887	-1.8	2.3	0.8	2.5	-2.0
76.33		5886	-0.9	2.3	0.8	2.5	-1.2
28.18		5921	-0.9	-2.1	0.8	-0.5	-2.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

18.25		Cent	-56.3	-163.1	39.5	-43.2	-176.1
30.91		5922	-53.9	-99.8	42.8	-28.3	-125.4
23.29		5887	-29.0	-115.4	45.6	-9.4	-135.1
10.74		5886	-42.2	-236.9	38.3	-34.9	-244.2
17.63		5921	-100.0	-200.2	35.4	-88.7	-211.5

		NODE	Vxx	Vyy			
		Cent	-0.1	0.2			

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5922      -0.0      0.2
5887      -0.0      0.3
5886      -0.1      0.3
5921      -0.1      0.2
    
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-41.16	cedime~1	Cent	-0.2	-24.9	-91.6	79.8	-104.9
-49.75		5922	-6.0	24.7	-91.6	102.2	-83.5
-34.75		5887	-6.0	-74.5	-91.6	57.5	-138.0
-33.19		5886	5.6	-74.5	-91.6	65.5	-134.4
-47.98		5921	5.6	24.7	-91.6	107.2	-76.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.88	Cent	16488.0	59362.1	838.6	59378.5	16471.6
87.22	5922	17171.8	47490.5	1475.3	47562.1	17100.2
89.56	5887	8067.6	40186.4	247.3	40188.4	8065.6
-89.72	5886	11703.3	71724.0	-294.7	71725.4	11701.8
88.91	5921	29009.5	78047.3	933.3	78065.1	28991.7

```

NODE      Vxx      Vyy
Cent      12.1     -63.1
5922       7.5     -59.3
5887       7.5     -66.9
5886      16.7     -66.9
5921      16.7     -59.3
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.04	perm	Cent	64.4	199.6	207.0	349.8	-85.7
51.32		5922	67.0	159.9	207.0	325.6	-98.7
56.30		5887	67.0	239.3	207.0	377.4	-71.0
56.60		5886	61.8	239.3	207.0	375.8	-74.7
51.67		5921	61.8	159.9	207.0	323.6	-101.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-25.40	Cent	-1233.9	-3037.7	-1106.2	-708.5	-3563.1
-36.27	5922	-1580.7	-2457.0	-1392.1	-559.5	-3478.2
	5887	-57.6	-327.9	-1269.3	1083.7	-1469.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-41.96
-16.86
-11.67
          5886      32.4    -2127.2    -720.5      250.7    -2345.5
          5921    -3329.6    -7238.9    -843.3    -3155.4    -7413.1
  
```

```

          NODE      Vxx      Vyy
-----
          Cent      -1.5      6.7
          5922      -1.0      9.4
          5887      -1.0      4.0
          5886      -2.0      4.0
          5921      -2.0      9.4
  
```

ANGLE

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
INV TO~1  Max  Cent      173.2    546.6    593.6    982.2    -32.9
          5922    177.7    511.5    593.6    945.7    -25.7
          5887    177.7    667.6    593.6    1064.8    -42.1
          5886    175.3    667.6    593.6    1062.4    -60.4
          5921    175.3    511.5    593.6    942.7    -47.2
          Min  Cent      21.8    105.0     86.8    159.7    -262.4
          5922    34.3     75.2     86.8    159.9    -281.2
          5887    34.3     56.6     86.8    133.0    -219.5
          5886    -1.6     56.6     86.8    121.0    -225.0
          5921    -1.6     75.2     86.8    151.1    -286.2
  
```

ANGLE

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Max  Cent     18615.4  59332.1  20137.3  67609.0  10338.5
          5922    36979.0  69533.8  18685.9  78037.7  28475.1
          5887    19867.6  64803.1  25446.7  76281.4   8389.4
          5886    19249.9  81967.6  20827.5  88091.7  13125.7
          5921    26613.3  73247.4  13776.1  77013.0  22847.8
          Min  Cent    -19543.1 -60947.4 -17105.3 -13390.6 -67099.9
          5922   -26869.6 -33006.6 -20183.1 -9523.0  -50353.1
          5887   -18919.4 -21130.1 -17740.0 -2250.3  -37799.2
          5886   -25866.8 -121475.8 -13580.6 -24054.9 -123287.7
          5921   -44651.9 -115484.7 -15227.9 -41516.9 -118619.7
  
```

```

          NODE      Vxx      Vyy
-----
          Max  Cent      22.7    199.0
          5922    27.7    197.3
  
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	5887	27.7	250.0
	5886	18.9	250.0
	5921	18.9	197.3
Min	Cent	-22.6	-68.7
	5922	-22.2	-52.9
	5887	-22.2	-91.8
	5886	-30.8	-91.8
	5921	-30.8	-52.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

53.44	INV TO~2	Max Cent	288.5	785.8	819.0	1393.1	-32.9
48.88		5922	299.6	522.5	819.0	1237.6	-25.7
57.29		5887	299.6	1049.1	819.0	1575.0	-42.1
57.61		5886	277.3	1049.1	819.0	1568.6	-60.4
49.26		5921	277.3	522.5	819.0	1228.1	-47.2
57.81	Min	Cent	21.8	105.0	86.8	159.7	-318.8
55.34		5922	34.3	75.2	86.8	159.9	-415.5
48.66		5887	34.3	56.6	86.8	133.0	-226.3
53.43		5886	-1.6	56.6	86.8	121.0	-242.2
59.45		5921	-1.6	75.2	86.8	151.1	-428.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

67.66	Max	Cent	18615.4	59332.1	20137.3	10338.5
65.53		5922	36979.0	69533.8	18685.9	28475.1
65.72		5887	19867.6	64803.1	25446.7	8389.4
73.39		5886	19249.9	81967.6	20827.5	13125.7
74.71		5921	26613.3	73247.4	13776.1	22847.8
-19.78	Min	Cent	-19543.1	-60947.4	-17105.3	-67099.9
-40.68		5922	-26869.6	-33006.6	-20183.1	-50353.1
-43.22		5887	-18919.4	-21130.1	-17740.0	-37799.2
-7.77		5886	-25866.8	-121475.8	-13580.6	-123287.7
-11.63		5921	-44651.9	-115484.7	-15227.9	-118619.7

	NODE	Vxx	Vyy

Max	Cent	22.7	199.0
	5922	27.7	197.3
	5887	27.7	250.0
	5886	18.9	250.0
	5921	18.9	197.3
Min	Cent	-22.6	-68.7
	5922	-22.2	-52.9

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	Company		Client	
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5887 -22.2 -91.8
 5886 -30.8 -91.8
 5921 -30.8 -52.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

4010	2	14	c mob-a	Max	Cent	28.4	113.6	142.8	219.9	-78.0
					5958	9.0	103.4	142.8	206.5	-94.2
					5922	9.0	166.7	142.8	251.0	-75.2
					5921	55.8	166.7	142.8	264.4	-41.9
					5957	55.8	103.4	142.8	224.3	-65.2
				Min	Cent	-16.7	-123.9	-8.1	-16.1	-124.5
					5958	-20.8	-256.6	-8.1	-20.5	-256.9
					5922	-20.8	-63.3	-8.1	-19.3	-64.8
					5921	-27.1	-63.3	-8.1	-25.3	-65.0
					5957	-27.1	-256.6	-8.1	-26.8	-256.9
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	2723.0	925.4	8966.2	10835.3	-7187.0
					5958	3559.3	33016.9	9064.4	35582.6	993.6
					5922	15721.4	18099.0	9472.5	26457.0	7363.3
					5921	589.0	1782.9	8281.4	9488.8	-7116.9
					5957	292.3	895.9	8048.9	8648.6	-7460.4
				Min	Cent	-13459.7	-60091.8	-20163.3	-5950.5	-67601.0
					5958	-1139.0	-26645.6	-28758.6	17567.3	-45351.9
					5922	-17516.7	-22260.2	-17957.1	-1775.4	-38001.5
					5921	-34660.1	-81027.3	-11528.0	-31952.1	-83735.3
					5957	-8514.2	-142598.5	-22322.0	-4895.7	-146217.0
					NODE	Vxx	Vyy			
				Max	Cent	30.7	213.3			
					5958	20.4	297.0			
					5922	20.4	139.2			
					5921	48.8	139.2			
					5957	48.8	297.0			
				Min	Cent	-4.4	-1.1			
					5958	-11.7	-5.7			
					5922	-11.7	-1.6			
					5921	-0.6	-1.6			
					5957	-0.6	-5.7			

PROJECT TITLE :

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

60.17	c mob-b	Max Cent	31.0	217.6	159.4	309.0	-60.4
62.71		5958	9.6	236.3	159.4	318.6	-72.6
62.31		5922	9.6	229.7	159.4	313.3	-74.0
58.84		5921	62.5	229.7	159.4	326.1	-33.9
59.31		5957	62.5	236.3	159.4	330.9	-32.1
-5.79		Min Cent	-14.9	-109.4	-9.7	-13.9	-110.4
-2.46		5958	-17.5	-242.8	-9.7	-17.1	-243.3
-33.30		5922	-17.5	-25.9	-9.7	-11.2	-32.3
-36.95		5921	-20.3	-25.9	-9.7	-13.1	-33.2
-2.49		5957	-20.3	-242.8	-9.7	-19.9	-243.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

46.01		Max Cent	311.6	841.0	7488.2	8069.2	-6916.6
46.74		5958	498.8	1434.0	7678.0	8658.7	-6725.8
36.24		5922	7501.0	1853.8	8943.0	14055.6	-4700.8
47.27		5921	661.4	1791.5	7108.8	8357.7	-5904.8
47.01		5957	305.2	1125.2	5824.4	6554.0	-5123.6
-4.54		Min Cent	-7327.8	-33970.3	-2128.5	-7158.8	-34139.3
-11.22		5958	-507.6	-14503.5	-2889.4	65.5	-15076.5
-28.76		5922	-11821.7	-14911.8	-2427.8	-10489.1	-16244.5
-2.21		5921	-24549.8	-64697.3	-1552.7	-24489.9	-64757.3
-2.39		5957	-1807.7	-47029.7	-1894.4	-1728.5	-47108.9
		NODE	Vxx	Vyy			
		Max Cent	11.5	87.8			
		5958	12.5	75.2			
		5922	12.5	102.5			
		5921	19.0	102.5			
		5957	19.0	75.2			
		Min Cent	-0.5	-0.8			
		5958	-7.4	-4.5			
		5922	-7.4	-2.2			
		5921	-0.4	-2.2			
		5957	-0.4	-4.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	74.2	5.1	334.8	376.3	-297.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.05		5958	17.7	-335.1	334.8	219.8	-537.1
31.11		5922	17.7	345.2	334.8	554.2	-191.2
58.03		5921	130.7	345.2	334.8	589.5	-113.6
53.88		5957	130.7	-335.1	334.8	305.6	-510.1
27.59							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

	Cent	-2455.1	-12105.7	-3241.9	-1467.1	-13093.7
-16.95	5958	225.6	-9009.3	-4646.3	2158.6	-10942.4
-22.59	5922	-2368.7	-3442.1	-4053.9	1183.9	-6994.6
-41.23	5921	-6274.4	-11102.7	-2004.2	-5550.9	-11826.3
-19.85	5957	-1402.7	-24868.8	-2596.6	-1118.8	-25152.7
-6.24						

NODE	Vxx	Vyy
Cent	7.2	24.0
5958	4.6	33.8
5922	4.6	14.3
5921	9.8	14.3
5957	9.8	33.8

LC

ANGLE	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-------	------	-----	-----	-----	------	------

	Cent	-0.2	-2.6	0.1	-0.2	-2.6
2.92	5958	-0.5	-3.4	0.1	-0.5	-3.5
2.32	5922	-0.5	-1.7	0.1	-0.5	-1.7
5.46	5921	0.0	-1.7	0.1	0.0	-1.7
3.95	5957	0.0	-3.4	0.1	0.0	-3.5
1.99						

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

	Cent	-38.0	-101.2	50.7	-9.9	-129.4
29.05	5958	-2.8	-86.7	60.8	29.1	-118.6
27.70	5922	-58.6	-101.2	52.8	-23.0	-136.8
34.03	5921	-94.7	-198.7	38.7	-81.9	-211.5
18.33	5957	4.0	-18.3	46.7	40.9	-55.1
38.28						

NODE	Vxx	Vyy
Cent	0.1	0.0
5958	0.1	-0.1
5922	0.1	0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5921 0.0 0.2
5957 0.0 -0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-63.24	cedime~1	Cent	-1.5	87.4	-60.1	117.8	-31.8
-69.79		5958	9.4	150.6	-60.1	172.7	-12.8
-48.53		5922	9.4	24.3	-60.1	77.4	-43.7
-53.47		5921	-12.3	24.3	-60.1	68.8	-56.9
-71.78		5957	-12.3	150.6	-60.1	170.4	-32.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.84	Cent	12623.0	64793.4	-148.5	64793.8	12622.6
88.65	5958	-127.0	54119.8	1276.6	54149.8	-157.0
88.27	5922	17478.3	47582.4	910.2	47609.9	17450.8
-88.76	5921	29877.4	78307.7	-1052.6	78330.6	29854.5
-89.48	5957	3263.4	79163.5	-686.3	79169.7	3257.2

NODE Vxx Vyy
Cent -25.2 -56.1
5958 -21.2 -52.8
5922 -21.2 -59.3
5921 -29.2 -59.3
5957 -29.2 -52.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
50.74	perm	Cent	23.1	68.7	112.0	160.2	-68.4
43.12		5958	4.4	-10.2	112.0	109.3	-115.1
61.29		5922	4.4	147.6	112.0	208.9	-56.9
57.63		5921	41.8	147.6	112.0	218.5	-29.1
38.45		5957	41.8	-10.2	112.0	130.8	-99.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-11.52	Cent	-1385.4	-6374.2	-1061.2	-1169.0	-6590.5
-17.99	5958	85.3	-4371.4	-1617.7	610.5	-4896.7
-34.99	5922	-1481.2	-2427.1	-1298.4	-572.3	-3336.0
	5921	-3554.2	-7306.3	-596.4	-3461.7	-7398.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.82
-4.81

NODE	Vxx	Vyy
Cent	3.4	12.2
5958	2.3	15.0
5922	2.3	9.4
5921	4.5	9.4
5957	4.5	15.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
62.94	INV TO~1	Max	Cent	65.0	449.8	327.1	586.2	-45.1
64.50			5958	26.8	459.4	327.1	586.7	-100.5
61.97			5922	26.8	481.9	327.1	631.8	-27.4
58.43			5921	126.2	481.9	327.1	658.6	-21.0
61.45			5957	126.2	459.4	327.1	604.6	-31.4
41.22		Min	Cent	-0.9	-98.6	38.8	33.1	-159.6
11.00			5958	-23.6	-356.7	38.8	-6.7	-383.8
71.20			5922	-23.6	62.1	38.8	99.6	-156.7
70.16			5921	-7.0	62.1	38.8	100.4	-74.8
10.64			5957	-7.0	-356.7	38.8	0.2	-381.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
77.02	Max	Cent	14913.7	59668.4	11043.2	62179.6	12402.5
82.56		5958	4890.3	94321.2	11895.8	95874.3	3210.1
71.27		5922	37221.0	69589.0	12399.8	73793.1	33016.8
78.79		5921	27216.1	73420.0	10583.5	75308.8	25327.3
82.18		5957	3084.1	69290.6	9950.3	70562.5	1812.2
-19.89	Min	Cent	-19556.0	-87498.1	-28430.1	-9324.3	-97729.8
-32.16		5958	-1579.4	-40343.0	-40441.8	23976.1	-65771.5
-40.91		5922	-25128.8	-32478.4	-25540.5	-3000.0	-54607.1
-12.99		5921	-50345.4	-116693.2	-17211.8	-46619.1	-120419.5
-8.97		5957	-12085.5	-203899.9	-31736.6	-7184.3	-208801.0

NODE	Vxx	Vyy
Max Cent	44.9	300.1
5958	29.9	415.9
5922	29.9	197.3
5921	70.4	197.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Min	5957	70.4	415.9
	Cent		-27.8	-45.4
	5958		-34.7	-45.5
	5922		-34.7	-52.9
	5921		-25.4	-52.9
	5957		-25.4	-45.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

62.94	INV TO~2	Max	Cent	100.2	449.8	452.0	586.2	-45.1
64.50			5958	26.8	459.4	452.0	586.7	-100.5
58.03			5922	26.8	481.9	452.0	748.2	-27.4
53.88			5921	176.4	481.9	452.0	795.9	-21.0
61.45			5957	176.4	459.4	452.0	604.6	-31.4
41.22		Min	Cent	-0.9	-98.6	38.8	33.1	-400.9
11.00			5958	-23.6	-452.4	38.8	-6.7	-725.1
71.20			5922	-23.6	62.1	38.8	99.6	-258.2
70.16			5921	-7.0	62.1	38.8	100.4	-153.4
10.64			5957	-7.0	-452.4	38.8	0.2	-688.6

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

77.02		Max	Cent	14913.7	59668.4	11043.2	62179.6	12402.5
82.56			5958	4890.3	94321.2	11895.8	95874.3	3210.1
71.27			5922	37221.0	69589.0	12399.8	73793.1	33016.8
78.79			5921	27216.1	73420.0	10583.5	75308.8	25327.3
82.18			5957	3084.1	69290.6	9950.3	70562.5	1812.2
-19.89		Min	Cent	-19556.0	-87498.1	-28430.1	-9324.3	-97729.8
-22.59			5958	-1579.4	-40343.0	-40441.8	2914.2	-65771.5
-40.91			5922	-25128.8	-32478.4	-25540.5	-3000.0	-54607.1
-12.99			5921	-50345.4	-116693.2	-17211.8	-46619.1	-120419.5
-8.97			5957	-12085.5	-203899.9	-31736.6	-7184.3	-208801.0

		NODE	Vxx	Vyy
	Max	Cent	44.9	300.1
		5958	29.9	415.9
		5922	29.9	197.3
		5921	70.4	197.3
		5957	70.4	415.9
	Min	Cent	-27.8	-45.4
		5958	-34.7	-45.5
		5922	-34.7	-52.9
		5921	-25.4	-52.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
					5957	-25.4	-45.5		

4011	2	21	c mob-a	Max	Cent	15.2	81.7	1.3	81.7
	88.89				3456	21.4	119.0	1.5	119.0
	89.10				3425	0.6	42.1	1.2	42.1
	88.28				3424	9.9	45.8	1.1	45.9
	88.24				3455	32.2	122.8	1.4	122.8
	89.13			Min	Cent	-0.4	-3.9	-67.8	65.7
	-44.25				3456	-0.3	-3.2	-66.0	64.3
	-44.35				3425	-2.4	-9.0	-57.0	51.4
	-43.35				3424	-0.8	-8.9	-69.6	64.8
	-43.32				3455	-0.5	-3.3	-78.6	76.7
	-44.48								
					NODE	Mxx	Myy	Mxy	Mmax

				Max	Cent	125.2	788.1	2000.6	2484.6
	49.70				3456	333.6	1121.2	2026.7	2792.0
	50.50				3425	25.5	1070.3	2133.0	2743.9
	51.88				3424	19.3	741.2	1939.7	2353.3
	50.27				3455	184.0	924.8	1830.1	2421.6
	50.72			Min	Cent	-166.3	-3224.0	-604.2	-51.3
	-10.78				3456	-443.2	-1345.6	-608.2	-137.1
	-26.72				3425	-21.3	-1922.8	-608.3	156.7
	-16.31				3424	-24.6	-6224.4	-601.3	33.2
	-5.49				3455	-236.9	-4139.5	-598.9	-147.1
	-8.53								
					NODE	Vxx	Vyy		
				Max	Cent	0.3	8.4		
					3456	0.3	7.2		
					3425	0.3	10.3		
					3424	0.2	10.3		
					3455	0.2	7.2		
				Min	Cent	-0.3	-0.8		
					3456	-0.5	-1.2		
					3425	-0.5	-1.0		
					3424	-0.2	-1.0		
					3455	-0.2	-1.2		
			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

			ANGLE						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	c mob-b	Max	Cent	14.9	84.7	1.2	84.7	14.9
89.05				3456	20.8	120.9	1.4	120.9
89.18				3425	0.7	45.8	1.2	45.8
88.46				3424	10.2	49.7	0.9	49.7
88.70				3455	31.4	124.9	1.1	124.9
89.32								
-43.91		Min	Cent	-0.5	-5.8	-69.1	66.0	-72.3
-44.01				3456	-0.3	-5.0	-67.7	65.1
-43.31				3425	-2.4	-9.3	-58.3	52.5
-43.31				3424	-1.0	-9.3	-70.5	65.5
-44.19				3455	-0.6	-5.1	-79.9	77.1
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	163.9	366.3	3130.3	3397.0	-2866.8
45.93				3456	427.3	500.4	3158.2	-2694.6
45.33				3425	17.5	468.4	3360.6	-3125.2
46.92				3424	23.0	472.7	3029.4	-2789.9
47.12				3455	204.3	481.0	2830.0	-2490.7
46.40								
-11.39		Min	Cent	-182.2	-5805.1	-1180.4	55.5	-6042.9
-28.96				3456	-506.5	-2073.1	-1250.0	185.3
-21.41				3425	-17.6	-2598.8	-1195.5	451.0
-5.68				3424	-26.3	-10994.0	-1102.4	83.4
-8.10				3455	-211.1	-8185.6	-1158.3	-46.2
			NODE	Vxx	Vyy			
		Max	Cent	0.3	15.1			
				3456	0.4	12.9		
				3425	0.4	17.5		
				3424	0.2	17.5		
				3455	0.2	12.9		
		Min	Cent	-0.3	-0.7			
				3456	-0.5	-0.7		
				3425	-0.5	-0.7		
				3424	-0.2	-0.7		
				3455	-0.2	-0.7		
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp		Cent	42.5	223.8	-191.3	344.9	-78.6
-57.68				3456	59.3	336.9	-184.8	429.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-63.45						
	3425	-6.3	100.3	-160.1	215.7	-121.7
-54.20						
	3424	25.7	110.7	-197.9	270.6	-134.1
-51.06						
	3455	91.3	347.3	-222.6	476.1	-37.5
-59.95						

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-178.4	-5265.4	4284.8	2261.0	-7704.7
29.65						
	3456	-391.6	-1437.2	4504.2	3620.0	-5448.8
41.69						
	3425	-2.1	-3478.1	4587.4	3165.5	-6645.6
34.62						
	3424	-19.0	-11589.1	3990.4	1223.8	-12831.9
17.30						
	3455	-300.7	-4557.2	3907.3	2020.3	-6878.3
30.71						

	NODE	Vxx	Vyy
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	Cent	-0.3	11.2
	3456	-0.4	6.2
	3425	-0.4	16.2
	3424	-0.3	16.2
	3455	-0.3	6.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-0.5	-0.5	0.4	-0.1	-0.9
45.63							
		3456	-0.7	-1.0	0.3	-0.5	-1.2
32.98							
		3425	-0.4	-0.0	0.4	0.2	-0.7
58.10							
		3424	-0.3	-0.0	0.5	0.4	-0.7
53.29							
		3455	-0.6	-0.9	0.5	-0.3	-1.3
34.76							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-0.7	-98.6	-44.0	16.2	-115.5
-20.99							
		3456	-2.0	-77.9	-46.1	19.8	-99.7
-25.27							
		3425	0.0	-73.0	-44.8	21.3	-94.3
-25.42							
		3424	0.5	-99.3	-41.6	15.5	-114.4
-19.89							
		3455	-1.3	-144.0	-42.8	10.6	-155.9
-15.49							

	NODE	Vxx	Vyy
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	Cent	-0.0	0.1
	3456	-0.0	0.1
	3425	-0.0	0.1
	3424	-0.0	0.1
	3455	-0.0	0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
36.43	cedime~1	Cent	1.1	-13.7	23.9	18.7	-31.3
36.72		3456	2.5	-12.3	24.9	21.1	-30.9
35.32		3425	2.0	-14.2	23.1	18.3	-30.6
36.11		3424	-0.4	-15.0	22.8	16.2	-31.6
37.49		3455	0.1	-13.1	24.6	19.0	-32.0
			NODE	Mxx	Myy	Mxy	Mmax
-85.13		Cent	147.0	36159.5	-3087.8	36422.3	-115.9
-82.49		3456	627.8	21905.9	-2853.7	22282.0	251.7
-81.59		3425	-20.4	23533.1	-3558.6	24059.0	-546.3
-86.51		3424	3.0	51769.9	-3165.9	51962.8	-189.8
-87.04		3455	-22.7	47429.0	-2461.0	47556.3	-150.0
		NODE	Vxx	Vyy			
		Cent	0.3	-53.7			
		3456	0.6	-51.0			
		3425	0.6	-56.4			
		3424	-0.0	-56.4			
		3455	-0.0	-51.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-58.45	perm	Cent	12.5	78.4	-65.0	118.3	-27.4
-63.24		3456	16.3	110.8	-63.9	143.0	-15.9
-56.11		3425	-2.7	42.4	-55.1	79.4	-39.7
-52.91		3424	8.7	46.1	-66.0	96.0	-41.2
-60.06		3455	27.7	114.5	-74.8	157.6	-15.4
			NODE	Mxx	Myy	Mxy	Mmax
30.02		Cent	-59.9	-1694.4	1417.3	758.9	-2513.2
54.69		3456	-158.5	873.2	1466.9	1912.3	-1197.6
46.20		3425	9.8	138.5	1531.6	1607.1	-1458.9
13.98		3424	-7.1	-5031.1	1333.8	325.0	-5363.2
		3455	-84.0	-2758.2	1269.0	422.3	-3264.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

21.75

NODE	Vxx	Vyy
Cent	-0.1	8.8
3456	-0.2	7.3
3425	-0.2	10.3
3424	-0.1	10.3
3455	-0.1	7.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-70.81	INV TO~1	Max	Cent	34.1	192.7	-39.4	214.7	24.1
-75.80			3456	47.8	274.0	-36.9	289.6	41.6
-48.80			3425	0.3	104.2	-30.3	146.9	-9.0
-47.32			3424	22.5	113.2	-41.8	182.2	3.6
-72.73			3455	71.2	283.1	-48.3	305.7	60.1
-49.66		Min	Cent	11.8	56.9	-158.3	171.1	-119.8
-52.85			3456	15.9	91.7	-155.3	190.4	-101.5
-72.95			3425	-6.0	15.5	-133.8	99.2	-123.1
-66.17			3424	6.9	18.5	-161.3	116.6	-141.4
-51.03			3455	26.8	94.5	-182.7	222.3	-120.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.87	Max	Cent	308.3	35528.9	5643.2	123.8
83.05		3456	1046.2	24292.7	5730.5	695.5
84.34		3425	44.2	25116.5	6068.5	-224.8
87.30		3424	27.0	47739.3	5423.5	-79.6
86.72		3455	191.8	45919.3	5089.5	18.7
-1.09	Min	Cent	-306.0	-9531.3	-3264.1	-9534.7
-11.08		3456	-842.3	-1925.6	-3074.4	-4411.8
-1.41		3425	-39.4	-3369.8	-3640.9	-5303.3
-0.45		3424	-42.6	-19873.1	-3320.4	-19874.3
-1.26		3455	-426.5	-13808.8	-2755.7	-13815.3

NODE	Vxx	Vyy
Max Cent	0.6	29.1
3456	1.0	24.6
3425	1.0	33.9
3424	0.2	33.9
3455	0.2	24.6
Min Cent	-0.6	-46.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3456 -0.9 -45.4
 3425 -0.9 -47.5
 3424 -0.4 -47.5
 3455 -0.4 -45.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.68	INV TO~2	Max Cent	57.4	302.1	-39.4	465.6	24.1
-63.45		3456	80.0	454.8	-36.9	579.4	41.6
-54.20		3425	0.3	135.4	-30.3	291.2	-9.0
-51.06		3424	34.7	149.5	-41.8	365.3	3.6
-59.95		3455	123.2	468.9	-48.3	642.7	60.1
-49.66		Min Cent	11.8	56.9	-258.3	171.1	-119.8
-52.85		3456	15.9	91.7	-249.5	190.4	-101.5
-72.95		3425	-8.4	15.5	-216.1	99.2	-164.3
-66.17		3424	6.9	18.5	-267.1	116.6	-181.1
-51.03		3455	26.8	94.5	-300.5	222.3	-120.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.87	Max Cent	308.3	35528.9	5784.4	35713.4	123.8
83.05	3456	1046.2	24292.7	6080.7	24643.5	695.5
84.34	3425	44.2	25116.5	6192.9	25365.1	-224.8
87.30	3424	27.0	47739.3	5423.5	47845.9	-79.6
86.72	3455	191.8	45919.3	5274.8	46069.8	18.7
-1.09	Min Cent	-306.0	-9531.3	-3264.1	-302.6	-10401.4
-11.08	3456	-842.3	-1940.2	-3074.4	-799.1	-7355.9
-1.41	3425	-39.4	-4695.4	-3640.9	-17.0	-8971.6
-0.45	3424	-42.6	-19873.1	-3320.4	-41.4	-19874.3
-1.26	3455	-426.5	-13808.8	-2755.7	-397.4	-13815.3

	NODE	Vxx	Vyy
Max	Cent	0.6	29.1
	3456	1.0	24.6
	3425	1.0	33.9
	3424	0.2	33.9
	3455	0.2	24.6
Min	Cent	-0.6	-46.0
	3456	-0.9	-45.4
	3425	-0.9	-47.5
	3424	-0.4	-47.5
	3455	-0.4	-45.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4012	2	21	c mob-a	Max Cent	62.6	99.6	2.3	99.7	62.5
	86.44			3487	62.8	66.8	2.6	68.0	61.5
	64.07			3456	82.7	138.8	2.4	138.9	82.6
	87.58			3455	62.2	132.6	2.1	132.6	62.2
	88.30			3486	42.7	60.6	2.3	60.9	42.4
	82.84			Min Cent	-1.1	-2.7	-151.3	149.5	-153.2
	-44.85			3487	-0.9	-2.6	-149.7	148.0	-151.5
	-44.84			3456	-1.5	-3.5	-164.4	161.9	-166.9
	-44.82			3455	-1.4	-3.6	-153.0	150.4	-155.5
	-44.80			3486	-0.9	-2.7	-138.3	136.4	-140.1
	-44.81								
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	174.1	1012.5	1789.5	2431.3	-1244.7
	51.59			3487	402.6	1482.2	1751.9	2775.6	-890.8
	53.56			3456	334.6	1121.2	1946.6	2713.9	-1258.0
	50.71			3455	217.2	924.8	1764.0	2370.1	-1228.0
	50.67			3486	481.9	1495.5	1566.0	2634.7	-657.2
	53.97			Min Cent	-292.4	-1861.3	-772.4	24.1	-2177.7
	-22.28			3487	-537.9	-608.3	-698.8	126.6	-1272.7
	-43.56			3456	-450.3	-1345.6	-722.3	-48.2	-1747.7
	-29.10			3455	-275.8	-4139.5	-777.1	-125.4	-4289.9
	-10.96			3486	-558.2	-2261.9	-751.4	-274.1	-2545.9
	-20.71								
				Max Cent	0.7	6.0			
				3487	0.7	5.8			
				3456	0.7	7.2			
				3455	0.7	7.2			
				3486	0.7	5.8			
				Min Cent	-0.7	-1.5			
				3487	-0.7	-2.5			
				3456	-0.7	-1.2			
				3455	-0.7	-1.2			
				3486	-0.7	-2.5			
	ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

87.04	c mob-b	Max	Cent	61.6	101.1	2.1	101.2	61.5
72.07			3487	61.1	67.6	2.4	68.4	60.3
87.73			3456	81.2	140.6	2.4	140.7	81.1
88.63			3455	61.4	134.7	1.8	134.7	61.3
84.92			3486	42.0	61.6	1.8	61.8	41.8
-44.77		Min	Cent	-1.7	-4.2	-153.8	150.8	-156.8
-44.71			3487	-1.3	-4.3	-152.6	149.8	-155.4
-44.73			3456	-2.3	-5.5	-166.7	162.8	-170.6
-44.69			3455	-2.3	-5.6	-155.0	151.1	-159.0
-44.66			3486	-1.3	-4.6	-141.0	138.1	-143.9

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.61		Max	Cent	186.2	493.7	2741.0	3085.3	-2405.4
48.96			3487	354.4	1110.9	2715.7	3474.6	-2009.3
45.45			3456	405.7	500.4	3032.5	3486.0	-2579.8
46.15			3455	266.9	481.0	2676.2	3052.3	-2304.4
48.58			3486	407.5	1007.3	2390.4	3116.5	-1701.7
-21.06		Min	Cent	-479.5	-3837.6	-1517.9	104.9	-4422.0
-43.94			3487	-706.0	-813.1	-1444.8	686.2	-2205.3
-30.84			3456	-518.2	-2073.1	-1442.9	343.3	-2934.7
-10.11			3455	-257.4	-8185.6	-1460.3	3.0	-8446.0
-16.79			3486	-888.6	-5312.1	-1468.1	-445.7	-5755.0

			NODE	Vxx	Vyy
	Max	Cent		0.5	11.3
		3487		0.5	10.6
		3456		0.5	12.9
		3455		0.6	12.9
		3486		0.6	10.6
	Min	Cent		-0.7	-1.1
		3487		-0.6	-1.9
		3456		-0.6	-0.7
		3455		-0.9	-0.7
		3486		-0.9	-1.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-48.52	pp		Cent	175.7	281.5	-428.6	660.4	-203.2
-45.39			3487	177.2	188.5	-421.8	604.7	-239.0
			3456	234.1	394.1	-468.1	789.0	-160.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.85		3455	174.2	374.5	-435.3	721.0	-172.3
-51.48		3486	117.3	168.9	-389.0	533.0	-246.8
-46.90							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.62	Cent	58.2	-1128.1	3851.1	3361.6	-4431.5
45.68	3487	244.2	420.3	3737.1	4070.4	-3405.9
41.50	3456	-380.9	-1437.2	4306.2	3429.5	-5247.5
30.76	3455	-419.9	-4557.2	3814.4	1850.7	-6827.8
46.20	3486	789.5	1061.6	3245.2	4173.6	-2322.6

NODE	Vxx	Vyy
Cent	0.9	2.5
3487	0.6	-1.3
3456	0.6	6.2
3455	1.2	6.2
3486	1.2	-1.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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65.39	vento -y	Cent	-2.0	-0.4	0.9	0.1	-2.4
76.29		3487	-2.1	0.6	0.7	0.8	-2.3
55.19		3456	-2.8	-1.7	1.5	-0.6	-3.8
50.39		3455	-1.8	-1.3	1.1	-0.4	-2.7
80.64		3486	-1.1	0.9	0.4	1.0	-1.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-21.41		Cent	-9.9	-108.3	-45.6	8.0	-126.2
-29.69		3487	-13.5	-60.8	-39.9	9.2	-83.5
-25.81		3456	-3.0	-77.9	-47.3	19.9	-100.8
-16.67		3455	1.8	-144.0	-48.0	16.2	-158.4
-16.43		3486	-24.9	-150.6	-40.6	-12.9	-162.6

NODE	Vxx	Vyy
Cent	-0.0	0.2
3487	-0.0	0.2
3456	-0.0	0.1
3455	-0.0	0.1
3486	-0.0	0.2

PROJECT TITLE :

	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

43.51	cedime~1	Cent	-0.2	-5.3	49.0	46.3	-51.8
45.61		3487	0.8	2.9	49.3	51.1	-47.5
42.11		3456	-4.0	-14.5	51.5	42.5	-61.0
41.39		3455	-1.2	-13.5	48.7	41.7	-56.5
45.06		3486	3.6	3.8	46.5	50.2	-42.8
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-87.71		Cent	1685.5	29997.2	-1132.3	30042.4	1640.3
-80.67		3487	2468.9	14591.0	-2046.3	14927.1	2132.8
-85.02		3456	816.3	21905.9	-1853.3	22067.5	654.6
-89.25		3455	-299.6	47429.0	-624.2	47437.2	-307.8
-88.55		3486	3756.5	36063.0	-817.2	36083.6	3735.8
		NODE	Vxx	Vyy			

		Cent	2.8	-47.0			
		3487	1.6	-42.9			
		3456	1.6	-51.0			
		3455	4.0	-51.0			
		3486	4.0	-42.9			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-48.93	perm	Cent	52.1	91.8	-143.5	216.9	-72.9
-45.96		3487	51.2	60.7	-142.4	198.5	-86.6
-50.32		3456	69.9	128.3	-155.4	257.2	-59.0
-51.78		3455	53.1	122.8	-144.6	236.7	-60.8
-47.27		3486	34.4	55.3	-131.6	176.9	-87.2
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

46.01		Cent	-108.9	-24.1	1199.0	1133.3	-1266.3
65.34		3487	-111.1	2063.3	1264.6	2643.8	-691.6
55.29		3456	-151.3	873.2	1364.6	1818.5	-1096.7
20.08		3455	-96.9	-2758.2	1122.9	313.6	-3168.7
42.24		3486	-76.5	-274.5	1022.9	852.2	-1203.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	0.0	6.0
3487	0.0	4.7
3456	0.0	7.3
3455	0.0	7.3
3486	0.0	4.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~1	Max	Cent	136.7	228.2	-91.4	419.6	78.6
-46.48			3487	136.7	154.9	-89.7	400.7	55.6
-45.22			3456	181.5	318.1	-100.7	475.2	121.7
-47.03			3455	137.1	304.6	-93.1	438.0	92.3
-47.63			3486	95.7	142.3	-82.1	362.9	33.7
-45.73		Min	Cent	49.6	80.7	-351.2	280.8	-283.7
-57.65			3487	49.5	54.9	-348.5	236.0	-296.3
-47.89			3456	62.7	106.4	-380.5	359.4	-287.6
-61.03			3455	48.8	101.7	-353.9	334.7	-272.8
-64.91			3486	32.7	49.1	-321.9	204.3	-281.2
-52.93								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	1827.9	31340.0	4899.4	31813.2	1354.7	
82.84			3487	2901.3	18655.3	4930.8	2389.8	
79.94			3456	1212.7	24292.7	5458.5	662.6	
81.33			3455	263.4	45919.3	4735.8	-401.1	
84.93			3486	4330.6	37807.4	4249.9	3982.2	
84.21		Min	Cent	-756.2	-5204.8	-1982.5	-599.3	-5361.7
-10.46			3487	-1064.2	965.5	-2732.1	1175.5	-3006.2
-72.97			3456	-850.9	-1925.6	-2436.6	-595.2	-4156.9
-23.67			3455	-768.9	-13808.8	-1472.7	-415.5	-13862.5
-3.62			3486	-1276.1	-7445.9	-1776.2	-1130.4	-7591.5
-8.63								

NODE	Vxx	Vyy	
Max	Cent	3.8	21.2
	3487	2.6	19.0
	3456	2.6	24.6
	3455	5.0	24.6
	3486	5.0	19.0
Min	Cent	-0.9	-43.0
	3487	-0.8	-41.6
	3456	-0.8	-45.4

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
				3455	-1.2	-45.4				
				3486	-1.2	-41.6				
			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
			INV TO~2	Max	Cent	237.2	380.0	-91.4	891.5	78.6
-48.52					3487	239.2	254.5	-89.7	816.4	55.6
-45.39					3456	316.0	532.0	-100.7	1065.1	121.7
-49.85					3455	235.2	505.6	-93.1	973.4	92.3
-51.48					3486	158.3	228.0	-82.1	719.5	33.7
-46.90				Min	Cent	49.6	80.7	-578.5	280.8	-283.7
-57.65					3487	49.5	54.9	-569.5	236.0	-322.7
-47.89					3456	62.7	106.4	-631.9	359.4	-287.6
-61.03					3455	48.8	101.7	-587.6	334.7	-272.8
-64.91					3486	32.7	49.1	-525.2	204.3	-333.1
-52.93										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE										
				Max	Cent	1827.9	31340.0	5199.0	31813.2	1354.7
82.84					3487	2901.3	18655.3	5045.1	19166.8	2389.8
79.94					3456	1212.7	24292.7	5813.4	24842.8	662.6
81.33					3455	263.4	45919.3	5149.4	46284.3	-401.1
84.93					3486	4330.6	37807.4	4381.0	38155.8	3982.2
84.21				Min	Cent	-756.2	-5204.8	-1982.5	-599.3	-5982.5
-10.46					3487	-1064.2	567.5	-2732.1	1175.5	-4598.0
-72.97					3456	-850.9	-1940.2	-2436.6	-595.2	-7084.2
-23.67					3455	-768.9	-13808.8	-1472.7	-415.5	-13862.5
-3.62					3486	-1276.1	-7445.9	-1776.2	-1130.4	-7591.5
-8.63										
				Max	Cent	3.8	21.2			
					3487	2.6	19.0			
					3456	2.6	24.6			
					3455	5.0	24.6			
					3486	5.0	19.0			
				Min	Cent	-0.9	-43.0			
					3487	-0.8	-41.6			
					3456	-0.8	-45.4			
					3455	-1.2	-45.4			
					3486	-1.2	-41.6			

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ANGLE

ANGLE											
4049	2	21	c mob-a	Max	Cent	1.2	0.2	32.8	33.5	-32.2	
44.55						4633	1.2	0.2	35.9	-35.2	
44.61						4603	1.1	0.1	28.9	-28.3	
44.50						4602	1.2	0.2	30.0	-29.3	
44.50						4632	1.2	0.2	37.1	-36.4	
44.60											
-85.20				Min	Cent	-353.7	-47.6	-25.9	-45.4	-355.9	
-85.38						4633	-349.7	-54.1	-24.0	-351.6	
-84.71						4603	-344.9	-37.7	-28.7	-347.5	
-84.98						4602	-357.8	-41.9	-27.9	-360.2	
-85.62						4632	-362.6	-58.3	-23.4	-364.4	
						NODE	Mxx	Myy	Mxy	Mmax	Mmin

ANGLE

				Max	Cent	8013.4	38795.5	10033.1	41776.9	5032.0
73.45						4633	14129.4	51610.1	7973.8	12503.6
78.48						4603	12599.4	61807.1	7307.6	11537.1
81.73						4602	7780.2	28358.6	10304.8	3507.3
67.48						4632	12168.3	20850.4	10902.7	4774.2
55.86										
-48.22				Min	Cent	-2434.5	-602.3	-8125.4	6658.5	-9695.3
-54.65						4633	-5696.4	-531.1	-7373.2	-10926.1
-51.14						4603	-5611.1	-2539.1	-7052.5	-11292.9
-49.79						4602	-4068.2	-1284.1	-8246.4	-11039.2
-39.82						4632	-3223.1	-6314.1	-8447.6	-13356.4

NODE Vxx Vyy

	Max	Cent	13.3	68.5
		4633	14.8	74.7
		4603	14.8	69.2
		4602	12.7	69.2
		4632	12.7	74.7
	Min	Cent	-10.9	-4.4
		4633	-13.5	-5.3
		4603	-13.5	-4.1
		4602	-8.4	-4.1
		4632	-8.4	-5.3

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

44.71			c mob-b	Max	Cent	0.9	0.1	37.7	38.2	-37.2

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44.75		4633	0.9	0.1	41.3	41.8	-40.8
44.68		4603	0.8	0.1	33.1	33.5	-32.6
44.67		4602	0.9	0.1	34.2	34.7	-33.7
44.75		4632	0.9	0.1	42.6	43.1	-42.1
-83.46	Min	Cent	-370.2	-51.7	-37.0	-47.5	-374.4
-83.63		4633	-364.3	-58.4	-34.6	-54.5	-368.2
-82.88		4603	-359.0	-40.2	-40.5	-35.1	-364.1
-83.26		4602	-376.0	-45.7	-39.6	-41.1	-380.7
-83.98		4632	-381.4	-64.0	-33.8	-60.4	-384.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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82.73	Max	Cent	8757.1	52653.7	5696.2	53380.8	8030.0
81.12		4633	14099.4	41839.9	4440.7	42533.4	13405.8
82.82		4603	12471.7	51466.6	4991.0	52095.2	11843.0
82.74		4602	11344.2	67034.9	7206.9	67952.5	10426.7
80.42		4632	15317.0	60245.9	7808.9	61564.4	13998.4
-52.22	Min	Cent	-3026.1	-858.9	-4205.1	2400.0	-6285.0
-57.40		4633	-5868.7	-633.7	-5664.2	2988.5	-9490.9
-51.93		4603	-5469.1	-3758.7	-3467.6	-1042.4	-8185.4
-56.95		4602	-6274.2	-1853.1	-4988.1	1392.3	-9519.6
-41.41		4632	-6151.2	-7521.5	-5437.7	-1355.7	-12317.1

		NODE	Vxx	Vyy
Max	Cent		15.5	22.9
		4633	14.4	35.4
		4603	14.4	29.9
		4602	16.7	29.9
		4632	16.7	35.4
Min	Cent		-13.2	-43.3
		4633	-13.0	-60.2
		4603	-13.0	-60.1
		4602	-13.5	-60.1
		4632	-13.5	-60.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.37	pp	Cent	-862.8	-97.2	21.8	-96.6	-863.4
87.36		4633	-852.5	-110.0	34.3	-108.4	-854.0
89.64		4603	-842.6	-74.4	4.8	-74.4	-842.6
		4602	-873.2	-84.4	9.4	-84.3	-873.3

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89.32
87.09

4632 -883.0 -120.0 38.8 -118.0 -885.0

NODE Mxx Myy Mxy Mmax Mmin

67.18 Cent 1899.4 2705.9 412.4 2879.4 1725.8

4633 2383.5 2801.2 -388.2 3033.2 2151.6

-59.14 4603 1271.3 8922.7 15.4 8922.7 1271.2

89.88 4602 411.1 3548.4 760.4 3723.0 236.5

77.07 4632 3531.7 -4448.9 356.8 3547.6 -4464.8

2.55

NODE Vxx Vyy

Cent 1.7 12.6

4633 0.9 14.5

4603 0.9 10.7

4602 2.5 10.7

4632 2.5 14.5

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

vento -y Cent 24.2 2.8 -2.2 24.4 2.6

-5.76 4633 23.2 3.0 -3.2 23.7 2.5

-8.90 4603 22.8 1.8 -1.0 22.9 1.7

-2.61 4602 25.2 2.5 -1.1 25.3 2.5

-2.84 4632 25.5 3.8 -3.4 26.1 3.3

-8.68

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

39.79 Cent 41.0 31.7 25.4 62.1 10.6

4633 54.0 21.8 2.6 54.2 21.6

4.55 4603 23.8 191.2 14.5 192.4 22.6

85.07 4602 -1.0 66.0 35.0 80.9 -15.9

66.87 4632 87.3 -152.2 23.0 89.5 -154.4

5.44

NODE Vxx Vyy

Cent 0.0 0.3

4633 0.0 0.3

4603 0.0 0.3

4602 0.1 0.3

4632 0.1 0.3

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

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	cedime~1	Cent	Mxx	Myy	Mxy	Mmax	Mmin

-2.66		4633	62.3	8.8	-2.5	62.5	8.7
-5.65		4603	59.9	9.4	-5.0	60.4	8.9
0.49		4602	59.1	6.4	0.4	59.1	6.4
0.07		4602	64.8	8.3	0.1	64.8	8.3
-5.65		4632	65.6	11.3	-5.4	66.1	10.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-23.34		Cent	-151.6	-363.3	-112.2	-103.2	-411.7
-9.61		4633	-184.9	-384.2	-34.7	-179.1	-390.1
-6.02		4603	-100.3	-899.8	-85.3	-91.3	-908.8
-18.51		4602	-25.4	-416.7	-147.6	24.0	-466.1
-80.18		4632	-295.9	247.5	-97.0	264.3	-312.7
		NODE	Vxx	Vyy			
		Cent	-0.1	-1.1			
		4633	-0.1	-1.3			
		4603	-0.1	-1.0			
		4602	-0.2	-1.0			
		4632	-0.2	-1.3			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

88.63	perm	Cent	-271.3	-30.3	5.8	-30.1	-271.4
87.53		4633	-267.6	-34.2	10.1	-33.8	-268.0
90.00		4603	-264.5	-23.0	0.0	-23.0	-264.5
89.67		4602	-275.0	-26.4	1.4	-26.4	-275.0
87.26		4632	-278.1	-37.6	11.5	-37.1	-278.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-88.57		Cent	240.1	2444.8	-55.2	2446.2	238.7
-87.38		4633	250.0	2967.6	-124.6	2973.3	244.3
-88.23		4603	222.9	3583.2	-104.1	3586.4	219.6
-89.38		4602	147.8	2092.4	-21.2	2092.7	147.5
-87.01		4632	339.7	1136.1	-41.7	1138.3	337.5
		NODE	Vxx	Vyy			
		Cent					
		4633					
		4603					
		4602					
		4632					

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Cent	0.1	3.3
4633	0.0	3.7
4603	0.0	3.0
4602	0.2	3.0
4632	0.2	3.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
74.91	INV TO~1	Max	Cent	-207.3	-21.2	56.6	-6.6	-221.9
73.08		4633	-206.1	-24.6	65.9	-6.0	-224.6	
77.16		4603	-203.9	-16.4	45.1	-6.1	-214.2	
76.72		4602	-208.6	-17.9	47.7	-6.7	-219.8	
72.73		4632	-210.8	-26.1	69.0	-6.3	-230.6	
-86.25		Min	Cent	-771.0	-100.1	-46.7	-97.2	-773.9
-86.77		4633	-759.5	-113.0	-41.7	-110.9	-761.5	
-85.38		4603	-749.2	-77.2	-54.6	-72.8	-753.6	
-85.74		4602	-782.6	-88.1	-52.0	-84.3	-786.4	
-87.09		4632	-792.9	-124.0	-39.6	-122.3	-794.6	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
78.15	Max	Cent	12062.2	73527.4	13489.5	76357.5	9232.0
79.12		4633	19324.7	72641.2	10640.0	74686.1	17279.8
82.19		4603	17232.1	87022.8	9761.1	88362.3	15892.5
80.10		4602	15462.5	92589.6	13890.3	95014.9	13050.1
77.40		4632	21017.6	82715.5	14677.0	85973.3	17692.0
-51.23	Min	Cent	-3996.9	922.0	-11136.6	9867.5	-12942.4
-57.68		4633	-7857.7	1727.9	-10113.1	8126.4	-14256.3
-52.30		4603	-7452.5	-2390.8	-9710.3	5113.0	-14956.4
-54.20		4602	-8347.8	-826.0	-11301.4	7323.9	-16497.7
-43.68		4632	-8260.4	-9018.0	-11542.9	2966.8	-20061.2

	NODE	Vxx	Vyy
Max	Cent	21.0	95.8
	4633	20.0	104.5
	4603	20.0	96.4
	4602	22.7	96.4
	4632	22.7	104.5
Min	Cent	-17.9	-56.2
	4633	-18.2	-78.9
	4603	-18.2	-79.1
	4602	-18.3	-79.1
	4632	-18.3	-78.9

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ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
74.91	INV TO~2	Max	Cent	-207.3	-21.2	56.6	-6.6	-221.9
73.08			4633	-206.1	-24.6	65.9	-6.0	-224.6
77.16			4603	-203.9	-16.4	45.1	-6.1	-214.2
76.72			4602	-208.6	-17.9	47.7	-6.7	-219.8
72.73			4632	-210.8	-26.1	69.0	-6.3	-230.6
88.37		Min	Cent	-1164.8	-131.2	-46.7	-130.4	-1165.6
87.36			4633	-1150.8	-148.5	-41.7	-146.4	-1153.0
89.64			4603	-1137.5	-100.5	-54.6	-100.4	-1137.5
89.32			4602	-1178.8	-114.0	-52.0	-113.8	-1178.9
87.09			4632	-1192.1	-162.0	-39.6	-159.4	-1194.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
78.15		Max	Cent	12062.2	73527.4	13489.5	76357.5	9232.0
79.12			4633	19324.7	72641.2	10640.0	74686.1	17279.8
82.19			4603	17232.1	87022.8	9761.1	88362.3	15892.5
80.10			4602	15462.5	92589.6	13890.3	95014.9	13050.1
77.40			4632	21017.6	82715.5	14677.0	85973.3	17692.0
67.18		Min	Cent	-3996.9	922.0	-11136.6	3887.2	-12942.4
-59.14			4633	-7857.7	1727.9	-10113.1	4094.8	-14256.3
-52.30			4603	-7452.5	-2390.8	-9710.3	5113.0	-14956.4
77.07			4602	-8347.8	-826.0	-11301.4	5026.0	-16497.7
-43.68			4632	-8260.4	-9018.0	-11542.9	2966.8	-20061.2

		NODE	Vxx	Vyy
Max	Cent		21.0	95.8
		4633	20.0	104.5
		4603	20.0	96.4
		4602	22.7	96.4
		4632	22.7	104.5
Min	Cent		-17.9	-56.2
		4633	-18.2	-78.9
		4603	-18.2	-79.1
		4602	-18.3	-79.1
		4632	-18.3	-78.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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4050      2      21  c mob-a  Max  Cent      1.2      0.7      26.9      27.9      -25.9
  44.73
  53.39
  44.42
  44.28
  52.99
  -84.33
  -85.15
  -83.84
  -82.85
  -84.61
  
```

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent		3879.0	25819.0	7755.5	28283.6	1414.4
72.37			4662	8822.3	44906.1	6437.7	46020.2	7708.2
80.18			4633	14484.6	51610.1	5353.3	52366.6	13728.0
81.96			4632	13554.1	20850.4	8146.2	26128.1	8276.5
57.06			4661	3957.6	8134.9	9280.6	15559.0	-3466.5
51.34	Min	Cent		-4911.3	-6339.5	-14698.3	9090.3	-20341.1
-43.61			4662	-14098.1	-1024.4	-11641.3	5789.7	-20912.3
-59.66			4633	-4974.8	-531.1	-13450.4	10879.7	-16385.6
-49.69			4632	-3123.2	-6314.1	-14365.8	9735.5	-19172.8
-41.83			4661	-15025.2	-21972.7	-12594.8	-5433.9	-31564.0
-37.29								

			NODE	Vxx	Vyy
	Max	Cent		7.2	97.7
			4662	10.4	126.4
			4633	10.4	74.7
			4632	4.1	74.7
			4661	4.1	126.4
	Min	Cent		-20.9	-9.5
			4662	-21.0	-14.5
			4633	-21.0	-5.3
			4632	-21.2	-5.3
			4661	-21.2	-14.5

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		c mob-b	Max	Cent	0.9	1.0	31.7	32.7	-30.8
45.02				4662	0.8	26.9	37.8	53.9	-26.2
54.50									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.65		4633	0.9	0.2	30.1	30.6	-29.6
44.57		4632	1.0	0.2	26.0	26.6	-25.5
53.99		4661	0.9	22.7	33.6	47.1	-23.5
-82.44	Min	Cent	-371.5	-42.8	-44.4	-36.9	-377.4
-83.42		4662	-357.9	-32.8	-38.0	-28.4	-362.3
-81.76		4633	-369.4	-60.1	-45.8	-53.4	-376.0
-81.15		4632	-385.2	-65.4	-51.1	-57.4	-393.2
-82.85		4661	-373.7	-35.5	-43.1	-30.1	-379.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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81.37	Max	Cent	4430.4	37726.7	5174.1	38512.2	3644.9
81.09		4662	8335.5	33009.7	3967.5	33632.0	7713.2
80.42		4633	14461.3	41839.9	4756.9	42642.8	13658.4
82.40		4632	16329.3	60245.9	5966.9	61042.2	15533.0
79.03		4661	7122.7	38868.0	6396.4	40108.3	5882.4
-43.24	Min	Cent	-5261.9	-6617.2	-11002.8	5084.1	-16963.3
-62.99		4662	-13799.9	-1116.2	-8737.0	3337.9	-18254.1
-51.69		4633	-5351.5	-633.7	-9913.5	7197.7	-13182.9
-42.55		4632	-5493.5	-7521.5	-11849.7	5385.5	-18400.5
-38.79		4661	-16932.8	-21350.9	-10038.4	-8863.3	-29420.4

		NODE	Vxx	Vyy
Max	Cent		9.0	43.9
		4662	9.6	72.3
		4633	9.6	35.4
		4632	8.5	35.4
Min	Cent		8.5	72.3
		4662	-22.6	-29.3
		4633	-20.6	-46.5
		4632	-20.6	-60.2
		4661	-24.8	-60.2
		4661	-24.8	-46.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.65	pp	Cent	-869.8	-47.5	-5.1	-47.4	-869.9
88.68		4662	-833.0	32.8	20.0	33.3	-833.5
-89.17		4633	-874.6	-117.2	-11.0	-117.1	-874.7
-87.78		4632	-906.7	-127.8	-30.2	-126.6	-907.9
		4661	-865.1	22.3	0.8	22.3	-865.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.95

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-29.98	Cent	-1143.6	-4324.6	-2751.3	443.8	-5912.1
-72.22	4662	-4727.0	1823.6	-2340.6	2574.0	-5477.3
-45.72	4633	2653.8	2801.2	-2940.8	5669.2	-214.2
-13.40	4632	4267.8	-4448.9	-2201.9	4792.4	-4973.6
-8.33	4661	-6769.2	-17474.3	-1601.7	-6534.7	-17708.8

NODE	Vxx	Vyy
Cent	-7.3	26.5
4662	-5.8	38.6
4633	-5.8	14.5
4632	-8.7	14.5
4661	-8.7	38.6

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-1.68	vento -y	Cent	24.4	0.8	-0.7	24.4	0.8
-5.14		4662	22.3	-2.5	-2.3	22.5	-2.7
0.36		4633	23.9	3.3	0.1	23.9	3.3
2.23		4632	26.4	4.1	0.9	26.5	4.1
-3.26		4661	24.8	-1.7	-1.5	24.9	-1.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-24.76	Cent	-44.4	-159.8	-67.6	-13.2	-191.0
-70.77	4662	-145.4	-2.3	-56.8	17.5	-165.2
-37.18	4633	61.8	21.8	-71.4	116.0	-32.4
-10.78	4632	108.2	-152.2	-51.5	118.0	-162.0
-6.81	4661	-202.1	-506.4	-36.9	-197.7	-510.8

NODE	Vxx	Vyy
Cent	-0.2	0.7
4662	-0.2	1.0
4633	-0.2	0.3
4632	-0.2	0.3
4661	-0.2	1.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.74	cedime~1	Cent	62.5	4.6	-0.8	62.5	4.6
-4.10		4662	57.9	-2.5	-4.4	58.2	-2.9
1.40		4633	61.3	9.9	1.3	61.4	9.8
2.94		4632	67.2	11.8	2.8	67.3	11.6
-2.46		4661	63.7	-0.6	-2.8	63.9	-0.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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51.94		Cent	117.2	221.0	210.1	385.5	-47.2
13.07		4662	435.5	-318.1	185.0	478.4	-361.1
33.91		4633	-210.9	-384.2	212.7	-67.9	-527.2
76.75		4632	-360.5	247.5	151.6	283.2	-396.2
80.67		4661	604.8	1339.0	123.9	1359.3	584.5

	NODE	Vxx	Vyy
	Cent	0.6	-2.3
	4662	0.5	-3.3
	4633	0.5	-1.3
	4632	0.8	-1.3
	4661	0.8	-3.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-89.35	perm	Cent	-274.2	-13.1	-3.0	-13.0	-274.2
88.81		4662	-261.5	14.3	5.7	14.5	-261.6
-88.77		4633	-275.6	-36.8	-5.1	-36.7	-275.7
-87.29		4632	-286.9	-40.5	-11.7	-39.9	-287.4
-89.83		4661	-272.7	10.7	-0.8	10.7	-272.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-82.07		Cent	-14.0	1684.3	-241.3	1717.9	-47.6
-86.07		4662	-273.0	2713.9	-206.0	2728.0	-287.1
-83.99		4633	273.8	2967.6	-286.9	2997.8	243.6
-75.66		4632	370.9	1136.1	-209.4	1189.6	317.3
-71.76		4661	-427.8	-80.5	-128.4	-38.2	-470.1

	NODE	Vxx	Vyy
	Cent	-0.5	4.6
	4662	-0.4	5.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4633 -0.4 3.7
 4632 -0.6 3.7
 4661 -0.6 5.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
79.45	INV TO~1 Max	Cent	-210.0	-7.2	39.9	0.1	-217.3
79.95		4662	-202.0	50.7	56.8	60.7	-212.6
79.20		4633	-212.6	-26.7	36.8	-19.7	-219.6
82.24		4632	-217.9	-28.4	26.3	-24.8	-221.5
82.05		4661	-207.3	41.3	44.5	47.5	-214.1
-84.94	Min	Cent	-775.7	-70.8	-63.6	-65.3	-781.3
-85.66		4662	-744.6	-32.5	-49.9	-28.7	-747.5
-84.24		4633	-774.3	-117.9	-66.9	-111.2	-781.0
-83.31		4632	-806.9	-128.8	-80.6	-119.3	-816.3
-85.47		4661	-777.2	-37.9	-61.8	-32.5	-781.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.97	Max Cent	6084.3	52836.3	10438.6	55061.1	3859.5
80.91		4662	12072.6	63337.1	8669.8	10637.7
82.64		4633	19828.0	72641.2	7152.7	18931.2
80.08		4632	22415.4	82715.5	10939.6	84628.1
75.16		4661	9792.8	53730.3	12524.4	57049.6
-44.98	Min Cent	-7117.6	-7249.0	-20084.1	12859.9	-27267.5
-61.06		4662	-19305.4	888.9	-15921.7	9590.3
-51.85		4633	-7161.6	1727.9	-18444.9	16049.4
-44.00		4632	-7405.9	-9018.0	-19603.2	11375.4
-39.66		4661	-23287.1	-29743.7	-17131.3	-9082.6

	NODE	Vxx	Vyy
Max	Cent	12.3	136.5
	4662	14.1	176.2
	4633	14.1	104.5
	4632	11.6	104.5
	4661	11.6	176.2
Min	Cent	-31.1	-37.3
	4662	-28.8	-60.5
	4633	-28.8	-78.9
	4632	-34.1	-78.9
	4661	-34.1	-60.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

79.45	INV TO~2	Max Cent	-210.0	-7.2	39.9	0.1	-217.3
79.95		4662	-202.0	50.7	56.8	60.7	-212.6
79.20		4633	-212.6	-26.7	36.8	-19.7	-219.6
82.24		4632	-217.9	-28.4	26.3	-24.8	-221.5
82.05		4661	-207.3	41.3	44.5	47.5	-214.1
-84.94		Min Cent	-1174.3	-70.8	-63.6	-65.3	-1174.3
-85.66		4662	-1124.5	-32.5	-49.9	-28.7	-1125.2
-89.17		4633	-1180.7	-158.3	-66.9	-158.1	-1180.9
-87.78		4632	-1224.0	-172.5	-80.6	-170.9	-1225.6
-85.47		4661	-1167.9	-37.9	-61.8	-32.5	-1167.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

77.97	Max Cent	6084.3	52836.3	10438.6	55061.1	3859.5
80.91	4662	12072.6	63337.1	8669.8	64694.0	10637.7
82.64	4633	19828.0	72641.2	7152.7	73538.0	18931.2
80.08	4632	22415.4	82715.5	10939.6	84628.1	20536.2
75.16	4661	9792.8	53730.3	12524.4	57049.6	6473.5
-29.98	Min Cent	-7117.6	-7249.0	-20084.1	599.2	-27267.5
-72.22	4662	-19305.4	888.9	-15921.7	3474.8	-27988.3
-45.72	4633	-7161.6	1727.9	-18444.9	7653.4	-21483.1
-13.40	4632	-7405.9	-9018.0	-19603.2	6469.8	-27659.7
-39.66	4661	-23287.1	-29743.7	-17131.3	-9082.6	-43948.3

	NODE	Vxx	Vyy
Max	Cent	12.3	136.5
	4662	14.1	176.2
	4633	14.1	104.5
	4632	11.6	104.5
	4661	11.6	176.2
Min	Cent	-31.1	-37.3
	4662	-28.8	-60.5
	4633	-28.8	-78.9
	4632	-34.1	-78.9
	4661	-34.1	-60.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

4089	2	14	c mob-a	Max Cent	91.8	226.2	292.9	459.6	-141.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

51.46							
		5923	106.0	248.0	292.9	478.4	-124.4
51.81							
		5888	106.0	200.9	292.9	450.2	-143.3
49.60							
		5887	77.6	200.9	292.9	438.6	-160.1
50.94							
		5922	77.6	248.0	292.9	467.9	-142.3
53.11							
	Min	Cent	-17.3	-48.4	-13.5	-12.2	-53.4
-20.45							
		5923	-14.0	-51.2	-13.5	-9.6	-55.6
-17.93							
		5888	-14.0	-61.4	-13.5	-10.4	-65.0
-14.79							
		5887	-21.4	-61.4	-13.5	-17.3	-65.5
-16.96							
		5922	-21.4	-51.2	-13.5	-16.2	-56.4
-21.03							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	9841.6	18214.9	13964.4	28606.7	-550.2
53.34								
		5923		29232.3	38324.8	10615.2	45326.3	22230.8
56.59								
		5888		15522.9	41769.5	14371.7	48108.1	9184.3
66.20								
		5887		8615.4	18360.7	16958.2	31132.4	-4156.3
53.02								
		5922		15549.7	17908.7	13740.3	30520.0	2938.4
47.45								
	Min	Cent	-10044.3	-3774.0	-12917.5	6383.4	-20201.7	
-51.82								
		5923		-16376.3	-1529.6	-12339.8	5447.6	-23353.5
-60.52								
		5888		-13791.1	-1610.6	-11043.7	4910.8	-20312.5
-59.44								
		5887		-13991.4	-15454.7	-12465.2	-2236.4	-27209.7
-43.32								
		5922		-17960.2	-20929.3	-13909.4	-5456.3	-33433.1
-41.95								

		NODE	Vxx	Vyy
	Max	Cent	21.5	100.5
		5923	28.5	105.1
		5888	28.5	109.3
		5887	15.7	109.3
		5922	15.7	105.1
	Min	Cent	-16.8	-15.4
		5923	-18.3	-25.3
		5888	-18.3	-25.8
		5887	-15.7	-25.8
		5922	-15.7	-25.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	93.2	249.7	315.5	496.5	-153.6
51.97								
			5923	107.4	311.4	315.5	541.0	-122.2
53.96								
			5888	107.4	209.6	315.5	478.1	-161.1
49.60								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.85		5887	79.0	209.6	315.5	466.5	-177.9
55.11		5922	79.0	311.4	315.5	531.4	-141.0
-27.37	Min	Cent	-17.1	-31.5	-10.2	-11.8	-36.8
-26.27		5923	-13.2	-28.8	-10.2	-8.2	-33.9
-20.82		5888	-13.2	-36.1	-10.2	-9.3	-40.0
-26.73		5887	-21.0	-36.1	-10.2	-15.9	-41.3
-34.53		5922	-21.0	-28.8	-10.2	-14.0	-35.9

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

53.77	Max	Cent	9205.9	17911.9	13775.5	28005.8	-888.0
64.88		5923	26344.6	43885.0	10540.0	48826.4	21403.3
66.85		5888	15044.2	42203.9	14206.6	48277.1	8971.1
42.16		5887	6066.7	2753.0	16635.2	21127.3	-12307.6
39.32		5922	6908.7	1678.6	13010.1	17564.0	-8976.7
-50.40	Min	Cent	-8473.9	-5420.4	-8005.3	1202.4	-15096.7
-61.27		5923	-8765.1	-1346.8	-5811.3	1838.1	-11950.1
-60.07		5888	-11309.9	-2786.5	-7342.2	1441.2	-15537.6
-36.79		5887	-10626.1	-15936.7	-9012.0	-3886.3	-22676.5
-39.26		5922	-11215.1	-14320.3	-7638.8	-4972.6	-20562.7

NODE Vxx Vyy

Max	Cent	17.3	103.4
	5923	24.1	108.1
	5888	24.1	111.7
	5887	10.5	111.7
	5922	10.5	108.1
Min	Cent	-12.9	-2.6
	5923	-12.9	-2.6
	5888	-12.9	-3.8
	5887	-12.9	-3.8
	5922	-12.9	-2.6

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

50.89	pp	Cent	253.8	548.4	706.4	1122.7	-320.5
50.14		5923	295.7	552.2	706.4	1141.9	-294.0
49.99		5888	295.7	544.6	706.4	1137.4	-297.1
51.63		5887	211.8	544.6	706.4	1103.9	-347.5
51.77		5922	211.8	552.2	706.4	1108.6	-344.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-47.10		Cent	-524.8	323.6	-5785.5	5700.4	-5901.6
-48.77		5923	-687.1	897.1	-5991.2	6148.3	-5938.4
-49.35		5888	181.7	1985.4	-5892.8	7045.0	-4877.9
-46.99		5887	1107.3	1860.4	-5418.3	6915.2	-3947.5
-43.06		5922	-2701.1	-3448.5	-5516.7	2454.6	-8604.2

NODE	Vxx	Vyy

Cent	-1.5	4.6
5923	-0.6	8.2
5888	-0.6	0.9
5887	-2.4	0.9
5922	-2.4	8.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-86.24	vento -y	Cent	-2.3	0.6	-0.2	0.6	-2.3
-77.60		5923	-2.9	-2.1	-0.2	-2.0	-2.9
-88.23		5888	-2.9	3.3	-0.2	3.3	-2.9
-87.80		5887	-1.7	3.3	-0.2	3.3	-1.7
-22.07		5922	-1.7	-2.1	-0.2	-1.6	-2.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

32.47		Cent	-32.0	-78.0	49.3	-0.6	-109.4
39.72		5923	-27.6	-46.8	51.3	15.0	-89.4
36.88		5888	-15.7	-45.1	50.3	22.0	-82.8
23.85		5887	-29.5	-117.0	48.1	-8.2	-138.3
31.92		5922	-55.0	-103.2	49.1	-24.4	-133.8

NODE	Vxx	Vyy

Cent	-0.0	0.1
5923	-0.0	0.1
5888	-0.0	0.1
5887	-0.0	0.1
5922	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-43.27	cedime~1	Cent	-2.4	-13.9	-95.2	87.3	-103.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-46.91	5923	-2.1	10.6	-95.2	99.7	-91.2
-39.61	5888	-2.1	-38.4	-95.2	76.7	-117.2
-39.69	5887	-2.7	-38.4	-95.2	76.4	-117.4
-46.99	5922	-2.7	10.6	-95.2	99.4	-91.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

84.37	Cent	9800.6	31774.0	2188.3	31989.9	9584.8
77.84	5923	8554.3	21824.5	2998.3	22470.5	7908.3
82.04	5888	5453.7	17744.1	1752.3	17989.1	5208.8
88.16	5887	8066.9	40184.4	1031.1	40217.5	8033.9
85.71	5922	17127.6	47343.2	2277.1	47513.8	16956.9

NODE	Vxx	Vyy
Cent	4.8	-49.0
5923	2.0	-50.4
5888	2.0	-47.6
5887	7.5	-47.6
5922	7.5	-50.4

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

51.80	perm	Cent	77.1	191.4	236.1	377.2	-108.7
52.50		5923	89.7	216.2	236.1	397.4	-91.5
49.63		5888	89.7	166.7	236.1	367.4	-111.1
51.10		5887	64.6	166.7	236.1	357.2	-126.0
53.90		5922	64.6	216.2	236.1	388.4	-107.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-48.39	Cent	-528.2	-94.1	-1827.5	1529.2	-2151.5
-52.64	5923	-390.6	695.0	-1986.9	2211.9	-1907.5
-57.41	5888	-127.4	1568.6	-1833.4	2740.7	-1299.5
-43.13	5887	-31.3	-240.2	-1596.4	1464.1	-1735.6
-38.28	5922	-1563.6	-2399.7	-1749.9	-182.5	-3780.7

NODE	Vxx	Vyy
Cent	-0.5	5.0
5923	-0.0	6.0
5888	-0.0	4.0
5887	-1.0	4.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5922 -1.0 6.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.91	INV TO~1	Max Cent	202.9	528.5	662.1	1047.5	-44.6
53.44		5923	234.7	647.1	662.1	1127.5	-17.4
49.61		5888	234.7	449.6	662.1	1012.9	-66.2
50.94		5887	171.2	449.6	662.1	986.9	-83.7
54.68		5922	171.2	647.1	662.1	1105.6	-42.3
51.95		Min Cent	51.4	112.2	122.7	208.2	-316.1
54.95		5923	68.7	147.0	122.7	243.7	-256.3
42.28		5888	68.7	45.3	122.7	180.3	-328.6
46.43		5887	33.0	45.3	122.7	162.1	-366.2
58.45		5922	33.0	147.0	122.7	232.9	-297.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
65.63	Max Cent	22558.6	56270.1	19212.7	64973.0	13855.7
69.02	5923	47627.4	81764.3	15342.0	87646.0	41745.7
71.15	5888	26282.2	76288.0	19320.7	82883.1	19687.1
67.63	5887	19666.5	64731.2	22328.2	73920.4	10477.3
65.24	5922	36556.1	69120.2	19076.6	77918.5	27757.8
-49.91	Min Cent	-14088.1	-7411.6	-19266.2	8803.4	-30303.1
-59.77	5923	-22498.5	-1370.0	-18645.6	9496.1	-33364.6
-58.15	5888	-18745.4	-2193.2	-16742.4	8207.0	-29145.5
-42.80	5887	-18919.6	-21754.7	-18424.4	-1858.3	-38816.1
-41.64	5922	-25809.8	-30654.2	-20527.5	-7562.0	-48901.9

	NODE	Vxx	Vyy
Max	Cent	33.3	144.6
	5923	40.5	151.9
	5888	40.5	154.8
	5887	27.7	154.8
	5922	27.7	151.9
Min	Cent	-23.2	-64.7
	5923	-24.7	-78.5
	5888	-24.7	-78.4
	5887	-22.2	-78.4
	5922	-22.2	-78.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.89	INV TO~2	Max	Cent	342.6	740.3	953.6	1515.6	-44.6	
				5923	399.2	745.5	953.6	1541.5	-17.4
50.14				5888	399.2	735.2	953.6	1535.5	-66.2
49.99				5887	286.0	735.2	953.6	1490.3	-83.7
51.63				5922	286.0	745.5	953.6	1496.6	-42.3
51.77									
51.95		Min	Cent	51.4	112.2	122.7	208.2	-432.7	
				5923	68.7	147.0	122.7	243.7	-396.9
54.95				5888	68.7	45.3	122.7	180.3	-401.1
42.28				5887	33.0	45.3	122.7	162.1	-469.2
46.43				5922	33.0	147.0	122.7	232.9	-465.2
58.45									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

		Max	Cent	22558.6	56270.1	19212.7	64973.0	13855.7	
65.63				5923	47627.4	81764.3	15342.0	87646.0	41745.7
69.02				5888	26282.2	76288.0	19320.7	82883.1	19687.1
71.15				5887	19666.5	64731.2	22328.2	73920.4	10477.3
67.63				5922	36556.1	69120.2	19076.6	77918.5	27757.8
65.24									
-47.10		Min	Cent	-14088.1	-7411.6	-19266.2	7695.5	-30303.1	
				5923	-22498.5	-1370.0	-18645.6	8300.2	-33364.6
-48.77				5888	-18745.4	-2193.2	-16742.4	8207.0	-29145.5
-58.15				5887	-18919.6	-21754.7	-18424.4	-1858.3	-38816.1
-42.80				5922	-25809.8	-30654.2	-20527.5	-7562.0	-48901.9
-41.64									
				NODE	Vxx	Vyy			
		Max	Cent	33.3	144.6				
				5923	40.5	151.9			
				5888	40.5	154.8			
				5887	27.7	154.8			
				5922	27.7	151.9			
		Min	Cent	-23.2	-64.7				
				5923	-24.7	-78.5			
				5888	-24.7	-78.4			
				5887	-22.2	-78.4			
				5922	-22.2	-78.5			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

4090	2	14	c mob-a	Max	Cent	19.8	196.1	165.3	295.3
59.04									
				5959	4.0	202.6	165.3	296.1	-89.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

60.50							
		5923	4.0	226.8	165.3	314.7	-83.9
61.99							
		5922	41.5	226.8	165.3	323.7	-55.3
59.64							
		5958	41.5	202.6	165.3	305.9	-61.8
57.99							
	Min	Cent	-11.3	-73.0	-7.2	-10.5	-73.9
-6.61							
		5959	-12.8	-140.4	-7.2	-12.4	-140.8
-3.24							
		5923	-12.8	-51.3	-7.2	-11.5	-52.6
-10.32							
		5922	-14.1	-51.3	-7.2	-12.7	-52.7
-10.64							
		5958	-14.1	-140.4	-7.2	-13.7	-140.8
-3.27							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	10345.7	25587.5	7931.7	28966.2	6967.0
66.93							
		5959	2739.1	74032.6	6916.4	74697.4	2074.3
84.51							
		5923	29246.0	38206.0	8173.4	43046.6	24405.4
59.36							
		5922	15428.2	17858.7	9508.3	26229.1	7057.9
48.64							
		5958	3139.1	32037.1	7904.6	34058.0	1118.2
75.66							
	Min	Cent	-7383.8	-7287.4	-20563.4	13227.9	-27899.1
-45.07							
		5959	-984.1	-3804.9	-24521.2	22167.2	-26956.2
-43.35							
		5923	-16121.6	-1623.1	-14258.7	7123.4	-24868.1
-58.47							
		5922	-16746.3	-20559.6	-17918.9	-632.9	-36673.0
-41.96							
		5958	-1237.7	-29183.4	-27229.1	15394.5	-45815.6
-31.42							

		NODE	Vxx	Vyy
	Max	Cent	15.6	150.2
		5959	15.8	209.5
		5923	15.8	105.1
		5922	20.4	105.1
		5958	20.4	209.5
	Min	Cent	-18.7	-19.4
		5959	-27.4	-48.0
		5923	-27.4	-25.3
		5922	-11.7	-25.3
		5958	-11.7	-48.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	21.4	316.3	180.3	401.8
64.64							
			5959	3.3	356.7	180.3	432.4
67.21							
			5923	3.3	292.7	180.3	379.1
64.38							
			5922	46.1	292.7	180.3	387.8
62.18							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

65.37		5958	46.1	356.7	180.3	439.3	-36.5
-9.81	Min	Cent	-8.9	-52.2	-7.7	-7.6	-53.6
-3.82		5959	-13.5	-128.4	-7.7	-12.9	-128.9
-22.97		5923	-13.5	-28.4	-7.7	-10.2	-31.7
-20.15		5922	-10.2	-28.4	-7.7	-7.4	-31.2
-3.72		5958	-10.2	-128.4	-7.7	-9.7	-128.9

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

55.13	Max	Cent	8266.8	13824.5	7527.1	19069.3	3021.9
74.53		5959	343.1	19152.6	5637.9	20713.1	-1217.3
68.65		5923	26228.3	43745.5	8080.6	46903.7	23070.1
36.91		5922	7132.4	1709.5	9344.5	14150.9	-5309.0
46.60		5958	672.0	1438.5	6873.6	7939.6	-5829.1
-38.19	Min	Cent	-5149.1	-6733.3	-3271.3	-2575.3	-9307.1
-35.73		5959	-855.4	-3348.4	-3714.9	1816.6	-6020.4
-70.59		5923	-9256.3	-1359.0	-3177.5	-239.3	-10376.1
-31.95		5922	-11605.1	-14446.6	-2900.9	-9795.7	-16256.0
-13.45		5958	-255.2	-13699.7	-3410.2	560.4	-14515.2

		NODE	Vxx	Vyy
Max	Cent		12.7	85.7
	5959		13.1	65.0
	5923		13.1	108.1
	5922		12.5	108.1
	5958		12.5	65.0
Min	Cent		-15.2	-1.4
	5959		-23.1	-2.0
	5923		-23.1	-2.6
	5922		-7.4	-2.6
	5958		-7.4	-2.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

54.07	pp	Cent	52.6	313.2	397.7	601.4	-235.6
49.97		5959	-4.9	134.5	397.7	468.5	-338.9
60.99		5923	-4.9	491.9	397.7	712.3	-225.4
57.82		5922	110.2	491.9	397.7	742.1	-140.1
45.87		5958	110.2	134.5	397.7	520.2	-275.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-39.39          Cent    -716.2   -3100.7   -6014.5   4223.0   -8040.0
-44.24          5959    104.2    -261.6    -6927.8   6851.5   -7008.9
-48.68          5923    -646.1     909.4    -6021.4   6203.1   -5939.8
-42.26          5922   -2337.9  -3339.5   -5216.3   2401.6   -8079.0
-25.77          5958     15.0   -9711.2   -6122.7   2971.0  -12667.1
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      2.9      14.5
          5959      1.2      20.7
          5923      1.2      8.2
          5922      4.6      8.2
          5958      4.6      20.7
    
```

```

          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          -6.71          vento -y          Cent      -0.4      -2.6      -0.3      -0.4      -2.6
          -4.46          5959      -0.4      -3.7      -0.3      -0.4      -3.7
          -12.12         5923      -0.4      -1.5      -0.3      -0.3      -1.6
          -13.21         5922      -0.5      -1.5      -0.3      -0.4      -1.6
          -4.61          5958      -0.5      -3.7      -0.3      -0.5      -3.7
    
```

```

          ANGLE          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          33.87          Cent      -22.2    -71.2     59.9     18.0    -111.4
          32.75          5959      -2.5    -57.0     59.9     36.0     -95.6
          40.10          5923     -26.7    -46.5     57.2     21.4     -94.7
          34.40          5922     -59.7   -104.6     57.9    -20.0   -144.3
          28.79          5958      0.2    -76.8     60.6     33.5   -110.1
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.0      0.1
          5959      0.0      0.0
          5923      0.0      0.1
          5922      0.1      0.1
          5958      0.1      0.0
    
```

```

          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          -54.00         cedime~1          Cent      1.3      40.0     -59.4     83.1     -41.8
          -58.53          5959      7.5      68.3     -59.4    104.6     -28.8
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
63.21	INV TO~1	Max Cent	46.7	638.5	374.9	787.8	-25.1
68.66		5959	10.5	694.8	374.9	818.0	-59.1
64.10		5923	10.5	604.7	374.9	775.1	-34.8
61.73		5922	97.5	604.7	374.9	794.7	-13.4
66.83		5958	97.5	694.8	374.9	829.8	-42.4
65.90		Min Cent	1.2	72.9	61.7	140.5	-143.9
53.30		5959	-20.6	-44.5	61.7	69.7	-172.9
70.59		5923	-20.6	128.7	61.7	162.1	-179.1
68.13		5922	11.4	128.7	61.7	165.1	-104.1
47.86		5958	11.4	-44.5	61.7	79.6	-139.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
76.83	Max Cent	19985.3	70224.2	12437.6	73134.8	17074.8
83.83	5959	4180.3	125508.4	13262.6	126941.2	3258.0
71.93	5923	47153.2	81428.2	12511.8	85509.5	43071.8
70.72	5922	36798.1	69174.6	12906.5	73689.9	32282.8
81.73	5958	4252.3	92973.2	13189.2	94891.0	2275.3
-44.54	Min Cent	-10416.4	-11366.2	-29833.7	18946.2	-40728.8
-43.52	5959	-1286.9	-4969.1	-35612.5	32532.1	-38788.1
-57.95	5923	-22149.5	-1494.6	-21273.1	11825.3	-35469.5
-41.67	5922	-24071.5	-30125.3	-25897.1	-1025.0	-53171.8
-30.74	5958	-1720.2	-44004.7	-38951.2	21503.9	-67164.9

	NODE	Vxx	Vyy
Max	Cent	22.5	211.0
	5959	21.9	293.3
	5923	21.9	151.9
	5922	29.9	151.9
	5958	29.9	293.3
Min	Cent	-39.1	-75.1
	5959	-45.8	-118.3
	5923	-45.8	-78.5
	5922	-34.7	-78.5
	5958	-34.7	-118.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~2	Max	Cent	71.1	638.5	536.9	811.8	-25.1
54.07			5959	10.5	694.8	536.9	818.0	-59.1
68.66			5923	10.5	664.0	536.9	961.7	-34.8
60.99			5922	148.7	664.0	536.9	1001.8	-13.4
57.82			5958	148.7	694.8	536.9	829.8	-42.4
66.83		Min	Cent	1.2	72.9	61.7	140.5	-318.0
65.90			5959	-20.6	-44.5	61.7	69.7	-457.6
53.30			5923	-20.6	128.7	61.7	162.1	-304.3
70.59			5922	11.4	128.7	61.7	165.1	-189.1
68.13			5958	11.4	-44.5	61.7	79.6	-372.0
47.86								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	19985.3	70224.2	12437.6	73134.8	17074.8
76.83			5959	4180.3	125508.4	13262.6	126941.2	3258.0
83.83			5923	47153.2	81428.2	12511.8	85509.5	43071.8
71.93			5922	36798.1	69174.6	12906.5	73689.9	32282.8
70.72			5958	4252.3	92973.2	13189.2	94891.0	2275.3
81.73		Min	Cent	-10416.4	-11366.2	-29833.7	5701.1	-40728.8
-39.39			5959	-1286.9	-4969.1	-35612.5	9249.5	-38788.1
-44.24			5923	-22149.5	-1494.6	-21273.1	8374.2	-35469.5
-48.68			5922	-24071.5	-30125.3	-25897.1	-1025.0	-53171.8
-41.67			5958	-1720.2	-44004.7	-38951.2	4010.8	-67164.9
-25.77								

			NODE	Vxx	Vyy
		Max	Cent	22.5	211.0
			5959	21.9	293.3
			5923	21.9	151.9
			5922	29.9	151.9
			5958	29.9	293.3
		Min	Cent	-39.1	-75.1
			5959	-45.8	-118.3
			5923	-45.8	-78.5
			5922	-34.7	-78.5
			5958	-34.7	-118.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4091	2	21	c mob-a	Max	Cent	30.5	149.1	1.4	149.1	30.5
					3457	36.5	157.7	1.7	157.7	36.5
					3426	29.5	141.9	1.5	141.9	29.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.24							
		3425	25.8	140.9	1.2	140.9	25.8
89.40							
		3456	31.3	156.7	1.4	156.7	31.3
89.37							
	Min	Cent	-0.4	-4.6	-88.5	86.0	-91.0
-44.33							
		3457	-0.4	-3.4	-85.9	84.0	-87.8
-44.49							
		3426	-0.7	-7.1	-88.4	84.6	-92.3
-43.97							
		3425	-0.8	-7.4	-91.0	87.0	-95.2
-43.96							
		3456	-0.3	-3.5	-88.6	86.7	-90.4
-44.48							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	181.5	1428.7	2192.8	3084.8	-1474.6
52.94							
		3457	412.1	2394.2	2127.5	3750.2	-943.9
57.49							
		3426	37.7	2608.0	2253.3	3916.9	-1271.2
59.85							
		3425	25.5	1068.1	2219.1	2826.3	-1732.7
51.61							
		3456	333.6	1129.1	2093.6	2862.4	-1399.7
50.38							
	Min	Cent	-243.8	-617.6	-576.3	175.1	-1036.5
-36.02							
		3457	-540.5	-275.6	-543.7	151.6	-967.7
-51.85							
		3426	-49.6	-255.1	-565.4	422.3	-727.0
-39.85							
		3425	-21.3	-2089.2	-586.5	133.5	-2244.0
-14.78							
		3456	-443.2	-1311.0	-563.9	-165.6	-1588.7
-26.21							

		NODE	Vxx	Vyy
	Max	Cent	0.4	7.0
		3457	0.4	6.3
		3426	0.4	8.3
		3425	0.3	8.3
		3456	0.3	6.3
	Min	Cent	-0.5	-1.2
		3457	-0.5	-1.6
		3426	-0.5	-1.5
		3425	-0.5	-1.5
		3456	-0.5	-1.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	29.9	153.1	1.6	153.2	29.9
89.26								
			3457	35.3	159.9	1.9	159.9	35.3
89.11								
			3426	28.8	147.6	1.9	147.6	28.8
89.10								
			3425	26.2	146.8	1.3	146.8	26.2
89.37								
			3456	31.0	159.1	1.3	159.1	31.0
89.40								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.07	Min	Cent	-0.7	-6.5	-89.6	86.0	-93.2
-44.25		3457	-0.5	-5.0	-87.6	84.9	-90.4
-43.76		3426	-1.1	-8.9	-89.6	84.6	-94.7
-43.76		3425	-1.2	-9.1	-91.6	86.6	-96.8
-44.24		3456	-0.3	-5.1	-89.6	86.9	-92.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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52.02	Max	Cent	277.1	2002.3	3447.9	4693.9	-2414.4
60.54		3457	648.2	4628.8	3303.2	6495.0	-1218.0
63.78		3426	76.8	5523.6	3540.7	7267.1	-1666.8
46.85		3425	17.5	474.2	3526.3	3779.5	-3287.9
45.35		3456	427.3	508.1	3293.5	3761.4	-2826.0
-41.12	Min	Cent	-314.4	-642.0	-1201.6	734.6	-1691.0
-50.59		3457	-751.9	-278.7	-1198.1	705.9	-1736.6
-42.24		3426	-60.0	-278.6	-1131.8	967.8	-1306.4
-19.75		3425	-17.6	-2919.4	-1195.7	411.6	-3348.6
-29.36		3456	-506.5	-2041.6	-1263.0	203.8	-2752.0

		NODE	Vxx	Vyy
Max	Cent		0.5	14.2
	3457		0.6	12.6
	3426		0.6	16.0
	3425		0.4	16.0
	3456		0.4	12.6
Min	Cent		-0.6	-0.7
	3457		-0.7	-0.7
	3426		-0.7	-0.8
	3425		-0.5	-0.8
	3456		-0.5	-0.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-61.56	pp	Cent	87.1	415.7	-251.8	552.1	-49.3
-62.79		3457	102.2	448.3	-241.9	572.7	-22.2
-60.46		3426	85.3	387.4	-252.1	530.3	-57.6
-60.35		3425	72.1	383.1	-261.8	532.1	-76.9
-62.60		3456	88.9	444.0	-251.6	574.4	-41.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.22	Cent	-224.2	-496.3	4967.4	4609.0	-5329.5
50.43	3457	-425.8	1480.9	4969.9	5588.0	-4532.9
50.31	3426	-77.4	1831.0	5093.4	6058.8	-4305.2
33.99	3425	-2.1	-3998.3	4939.4	3328.0	-7328.4
42.31	3456	-391.6	-1298.8	4815.8	3991.9	-5682.3

NODE	Vxx	Vyy
Cent	-0.4	8.6
3457	-0.3	5.6
3426	-0.3	11.7
3425	-0.4	11.7
3456	-0.4	5.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.96	vento -y	Cent	-1.0	-1.2	1.1	0.1	-2.2
44.28		3457	-1.3	-1.4	0.9	-0.4	-2.2
46.01		3426	-1.3	-1.2	1.3	0.1	-2.6
42.08		3425	-0.7	-1.0	1.4	0.6	-2.2
38.69		3456	-0.7	-1.2	0.9	0.0	-1.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-31.45	Cent	-1.0	-48.7	-46.5	27.4	-77.1
-40.75	3457	-3.0	-16.9	-46.6	37.2	-57.0
-35.64	3426	0.8	-30.6	-46.4	34.1	-63.8
-26.90	3425	0.0	-68.1	-46.6	23.6	-91.8
-25.27	3456	-2.0	-79.0	-46.8	20.1	-101.0

NODE	Vxx	Vyy
Cent	-0.0	0.1
3457	-0.0	0.1
3426	-0.0	0.1
3425	-0.0	0.1
3456	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.68	cedime~1	Cent	-2.6	-34.2	24.6	10.8	-47.6
33.42		3457	1.7	-21.6	27.3	19.7	-39.7
25.75		3426	-5.0	-46.1	25.8	7.4	-58.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

23.91		3425	-7.0	-46.7	21.9	2.7	-56.4
32.40		3456	-0.2	-22.3	23.4	14.6	-37.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	417.7	9746.5	-3594.6	10970.9	-806.7
-71.19		3457	1131.3	-3289.4	-3341.6	2927.4	-5085.5
-28.26		3426	-67.7	-3392.3	-3856.1	2469.1	-5929.1
-33.34		3425	-20.4	23930.8	-3719.0	24494.9	-584.6
-81.37		3456	627.8	21737.1	-3204.5	22212.8	152.1
-81.56		NODE	Vxx	Vyy			
		Cent	0.9	-52.5			
		3457	1.2	-50.2			
		3426	1.2	-54.8			
		3425	0.6	-54.8			
		3456	0.6	-50.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----		Cent	26.0	142.2	-82.9	185.4	-17.1
-62.50	perm	3457	28.3	146.6	-81.4	188.1	-13.2
-63.00		3426	26.1	138.6	-83.2	182.8	-18.1
-62.03		3425	23.8	137.8	-84.5	182.7	-21.1
-62.01		3456	26.0	145.8	-82.7	188.0	-16.2
-62.97		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		Cent	-82.8	1862.4	1648.9	2804.2	-1024.5
60.27		3457	-155.3	3271.6	1659.1	3943.2	-826.9
67.96		3426	-27.1	3289.9	1697.1	4004.3	-741.5
67.17		3425	9.8	-34.3	1635.5	1623.4	-1648.0
44.61		3456	-158.5	922.7	1597.6	2068.7	-1304.5
54.35		NODE	Vxx	Vyy			
		Cent	-0.1	5.7			
		3457	-0.1	4.7			
		3426	-0.1	6.7			
		3425	-0.2	6.7			
		3456	-0.2	4.7			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~1	Max	Cent					
-75.08				67.2	349.0	-56.2	370.5	52.6
-75.52			3457	79.3	362.4	-51.5	382.8	69.6
-74.65			3426	65.9	337.8	-54.9	359.9	48.5
-74.58			3425	59.2	336.0	-60.8	358.8	37.5
-75.53			3456	68.3	360.6	-57.4	381.4	56.3
-51.04		Min	Cent	22.5	99.2	-203.9	244.2	-131.7
-52.22			3457	27.7	118.2	-199.7	251.8	-123.6
-49.86			3426	19.5	80.5	-204.1	230.9	-134.8
-49.85			3425	15.2	78.9	-208.1	236.0	-141.9
-52.11			3456	25.3	116.7	-203.7	256.9	-129.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.14		Max	Cent	709.1	14312.1	6303.6	14831.7	189.5
62.86			3457	1851.0	9520.5	6118.5	12656.6	504.5
64.74			3426	76.6	10746.7	6477.1	13803.0	-117.5
84.03			3425	44.2	25338.3	6396.0	25618.3	-256.2
83.11			3456	1046.2	24184.1	6043.7	24527.4	702.9
88.98		Min	Cent	-507.2	995.7	-3568.0	996.2	-4227.5
89.41			3457	-1170.4	-394.0	-3299.9	2895.7	-3521.3
86.81			3426	-175.8	-478.6	-3687.0	2923.2	-4017.3
0.31			3425	-39.4	-3975.6	-3697.7	-18.9	-5706.4
-6.11			3456	-842.3	-1833.6	-3311.9	-830.8	-4695.6

NODE Vxx Vyy

				Vxx	Vyy
	Max	Cent		1.5	24.9
		3457		1.9	21.8
		3426		1.9	28.3
		3425		1.0	28.3
		3456		1.0	21.8
	Min	Cent		-1.0	-48.4
		3457		-1.1	-47.6
		3426		-1.1	-50.1
		3425		-0.9	-50.1
		3456		-0.9	-47.6

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-61.56		INV TO~2	Max	Cent	117.6	561.2	-56.2	745.4	52.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-62.79		3457	137.9	605.2	-51.5	773.1	69.6
-60.46		3426	115.1	523.0	-54.9	715.9	48.5
-60.35		3425	97.3	517.2	-60.8	718.3	37.5
-62.60		3456	120.1	599.4	-57.4	775.4	56.3
-51.04	Min	Cent	22.5	99.2	-340.0	244.2	-131.7
-52.22		3457	27.7	118.2	-326.5	251.8	-123.6
-49.86		3426	19.5	80.5	-340.4	230.9	-134.8
-49.85		3425	15.2	78.9	-353.4	236.0	-141.9
-52.11		3456	25.3	116.7	-339.6	256.9	-129.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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79.14	Max	Cent	709.1	14312.1	6706.0	14831.7	189.5
62.86		3457	1851.0	9520.5	6709.3	12656.6	504.5
64.74		3426	76.6	10746.7	6876.1	13803.0	-117.5
84.03		3425	44.2	25338.3	6668.1	25618.3	-256.2
83.11		3456	1046.2	24184.1	6501.3	24527.4	702.9
88.98	Min	Cent	-507.2	-670.0	-3568.0	996.2	-7194.9
89.41		3457	-1170.4	-394.0	-3299.9	2895.7	-6119.5
86.81		3426	-175.8	-478.6	-3687.0	2923.2	-5812.0
0.31		3425	-39.4	-5397.7	-3697.7	-18.9	-9893.3
-6.11		3456	-842.3	-1833.6	-3311.9	-830.8	-7671.1

		NODE	Vxx	Vyy
Max	Cent		1.5	24.9
		3457	1.9	21.8
		3426	1.9	28.3
		3425	1.0	28.3
		3456	1.0	21.8
Min	Cent		-1.0	-48.4
		3457	-1.1	-47.6
		3426	-1.1	-50.1
		3425	-0.9	-50.1
		3456	-0.9	-47.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
4092	2	21	c mob-a	Max	Cent	94.0	122.4	2.5	122.7	93.8	
84.97						3488	94.5	68.6	2.7	94.8	68.3
5.94						3457	127.9	187.3	2.7	187.4	127.7
87.40						3456	93.0	176.5	2.4	176.5	92.9

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

88.39			3487	59.8	57.8	2.4	61.4	56.2
33.48								
-44.88	Min	Cent		-1.2	-2.7	-183.6	181.6	-185.5
-44.87			3488	-1.0	-2.7	-180.1	178.3	-182.0
-44.86			3457	-1.8	-3.8	-205.9	203.1	-208.7
-44.82			3456	-1.5	-3.8	-187.0	184.3	-189.6
-44.82			3487	-0.8	-2.9	-161.2	159.4	-163.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent		240.0	1609.5	1952.2	2993.5	-1144.0
54.66			3488	425.8	2585.7	1809.6	3613.1	-601.6
60.41			3457	454.1	2394.2	2017.4	3662.7	-814.4
57.84			3456	334.6	1129.1	2019.7	2790.2	-1326.5
50.56			3487	402.6	1481.1	1801.5	2822.3	-938.7
53.33	Min	Cent		-367.5	-429.1	-620.3	222.8	-1019.4
-43.58			3488	-567.5	-678.8	-538.3	-82.0	-1164.3
-42.05			3457	-593.6	-275.6	-574.9	161.9	-1031.0
-52.73			3456	-450.3	-1311.0	-637.0	-111.8	-1649.5
-27.98			3487	-537.9	-610.2	-599.1	26.2	-1174.3
-43.27								

		NODE	Vxx	Vyy
	Max	Cent	0.7	5.0
		3488	0.7	4.4
		3457	0.7	6.3
		3456	0.7	6.3
		3487	0.7	4.4
	Min	Cent	-0.7	-1.6
		3488	-0.7	-2.3
		3457	-0.7	-1.6
		3456	-0.7	-1.6
		3487	-0.7	-2.3

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	c mob-b	Max	Cent	92.2	124.2	2.5	124.4	92.0
85.49			3488	92.0	69.8	2.8	92.3	69.4
7.02			3457	125.5	189.4	3.1	189.5	125.4
87.27			3456	91.5	178.8	2.3	178.9	91.5
88.46			3487	59.0	59.2	2.1	61.2	57.0
46.19		Min	Cent	-2.0	-4.1	-185.6	182.6	-188.7
-44.83								

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46.87		3488	-209.2	310.2	3973.0	4032.0	-3931.0
51.09		3457	-525.0	1480.9	4646.9	5231.9	-4276.0
42.16		3456	-380.9	-1298.8	4606.9	3789.9	-5469.5
45.87		3487	244.2	482.7	3932.9	4298.2	-3571.3

NODE	Vxx	Vyy
Cent	0.5	2.6
3488	0.3	-0.3
3457	0.3	5.6
3456	0.6	5.6
3487	0.6	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
62.98	vento -y	Cent	-3.0	-0.2	1.9	0.8	-3.9
71.68		3488	-3.1	1.4	1.7	2.0	-3.7
54.47		3457	-4.1	-2.3	2.7	-0.3	-6.1
51.49		3456	-2.8	-1.8	2.1	-0.2	-4.5
74.52		3487	-1.8	1.9	1.1	2.2	-2.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-34.55	Cent	-6.2	-37.3	-40.7	21.8	-65.3
-51.46	3488	-6.9	8.8	-34.2	36.0	-34.1
-39.97	3457	-1.5	-16.9	-43.4	34.9	-53.2
-25.27	3456	-3.0	-79.0	-46.2	18.8	-100.8
-28.31	3487	-13.5	-62.2	-37.0	6.4	-82.1

NODE	Vxx	Vyy
Cent	-0.0	0.1
3488	-0.0	0.1
3457	-0.0	0.1
3456	-0.0	0.1
3487	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
43.21	cedime~1	Cent	-5.5	-11.8	50.2	41.6	-58.9
46.45		3488	-4.3	0.8	50.4	48.7	-52.2
41.24		3457	-11.7	-26.0	54.2	35.8	-73.6
40.00		3456	-6.8	-24.4	50.0	35.1	-66.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.55		3487	0.7	2.4	46.1	47.7	-44.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-66.49		Cent	1545.3	7331.7	-3105.2	8682.7	194.3
		3488	2091.9	-3927.0	-3572.7	3753.8	-5588.8
-24.95		3457	804.1	-3289.4	-3133.8	2500.4	-4985.6
-28.43		3456	816.3	21737.1	-2637.5	22064.5	488.9
-82.92		3487	2468.9	14806.2	-3076.5	15530.8	1744.3
-76.75							
		NODE	Vxx	Vyy			

		Cent	1.5	-43.9			
		3488	1.3	-37.6			
		3457	1.3	-50.2			
		3456	1.6	-50.2			
		3487	1.6	-37.6			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

-47.81	perm	Cent	79.3	113.0	-171.4	268.4	-76.1
		3488	78.9	62.7	-168.6	239.6	-98.0
-43.62		3457	109.5	173.2	-191.8	335.7	-53.1
-49.71		3456	79.6	163.4	-174.2	300.6	-57.7
-51.76		3487	49.0	52.9	-151.0	202.0	-100.1
-45.37							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

64.95		Cent	-150.5	2359.8	1501.0	3061.3	-852.0
		3488	-104.2	3185.6	1493.8	3762.7	-681.3
68.88		3457	-235.3	3271.6	1580.9	3879.0	-842.7
68.98		3456	-151.3	922.7	1512.0	1990.2	-1218.8
54.78		3487	-111.1	2059.3	1424.9	2765.2	-817.0
63.65							
		NODE	Vxx	Vyy			

		Cent	0.1	3.5			
		3488	0.1	2.3			
		3457	0.1	4.7			
		3456	0.0	4.7			
		3487	0.0	2.3			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.07			3457	493.8	721.7	-133.4	1411.8	187.7
-51.26			3456	356.1	676.6	-121.1	1256.0	137.9
-44.64			3487	227.4	212.0	-101.7	835.1	31.1
-53.08	Min	Cent		71.1	95.7	-705.7	357.4	-330.2
-39.50			3488	72.5	56.7	-689.3	296.5	-380.3
-58.19			3457	94.0	139.5	-796.0	485.5	-337.5
-63.46			3456	69.6	131.4	-722.1	440.8	-314.6
-45.69			3487	47.4	46.6	-615.3	234.5	-395.7

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

77.34	Max	Cent		1954.7	12659.4	5852.4	13228.4	1385.7
64.95			3488	2780.2	9530.8	5363.5	12002.2	1970.5
63.37			3457	1606.6	9520.5	6273.4	12449.0	359.3
82.23			3456	1212.7	24184.1	6219.3	24620.0	776.7
82.31			3487	2901.3	18864.9	5309.5	19161.4	2604.8
-84.79	Min	Cent		-933.4	329.1	-3353.0	1786.1	-5843.2
-88.56			3488	-1233.6	-1674.6	-3660.1	2254.6	-5306.8
-45.61			3457	-1337.5	-394.0	-3263.3	2800.4	-5772.6
-18.07			3456	-850.9	-1833.6	-2996.4	-733.8	-7383.8
-79.57			3487	-1064.2	651.6	-3452.8	981.0	-4821.3

		NODE	Vxx	Vyy
Max	Cent		2.4	18.0
		3488	2.5	15.0
		3457	2.5	21.8
		3456	2.6	21.8
		3487	2.6	15.0
Min	Cent		-1.1	-42.6
		3488	-1.4	-38.4
		3457	-1.4	-47.6
		3456	-0.8	-47.6
		3487	-0.8	-38.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4129	2	21	c mob-a	Max Cent	1.1	0.1	30.5	31.1	-29.8
44.54				4634	1.1	0.1	32.6	33.2	-32.0
44.58				4604	1.1	0.1	28.1	28.7	-27.5
44.51				4603	1.1	0.2	28.5	29.2	-27.9
44.50				4633	1.2	0.2	33.0	33.7	-32.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.57								
	Min	Cent	-344.1	-45.6	-24.8	-43.6	-346.2	
-85.28			4634	-342.0	-49.6	-23.6	-47.7	-343.9
-85.42			4604	-339.4	-40.6	-26.4	-38.3	-341.7
-84.99			4603	-346.2	-43.0	-26.3	-40.7	-348.4
-85.08			4633	-349.1	-52.0	-23.4	-50.2	-350.9
-85.52								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	8579.8	59175.6	2326.9	59282.4	8473.0
87.37			4634	13265.8	62143.3	1660.4	62199.7
88.06			4604	12988.1	66472.8	1918.2	66541.5
87.95			4603	12599.4	61477.6	3943.1	61793.6
85.42			4633	14129.4	51665.2	3719.6	52030.2
84.39							
	Min	Cent	-2795.3	-2508.9	-3733.0	1083.6	-6387.9
-46.10			4634	-5907.4	-3212.0	-4987.3	606.5
-52.56			4604	-5557.1	-4129.4	-2634.9	-2113.3
-52.58			4603	-5611.1	-2513.6	-4015.2	241.2
-55.55			4633	-5696.4	-474.5	-5851.5	3322.2
-57.02							

		NODE	Vxx	Vyy
	Max	Cent	14.4	21.1
		4634	14.0	29.8
		4604	14.0	15.3
		4603	14.8	15.3
		4633	14.8	29.8
	Min	Cent	-13.6	-8.0
		4634	-13.8	-9.8
		4604	-13.8	-8.1
		4603	-13.5	-8.1
		4633	-13.5	-9.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	0.8	0.1	34.8	35.3
44.70			4634	0.8	0.1	37.5	38.0
44.74			4604	0.8	0.1	31.8	32.3
44.68			4603	0.9	0.1	32.2	32.7
44.67			4633	0.9	0.1	37.9	38.4
44.73							
		Min	Cent	-357.2	-50.1	-35.3	-46.1
-83.53			4634	-353.7	-54.1	-33.5	-50.4
-83.71							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-83.14	4604	-350.5	-43.8	-37.4	-39.3	-355.0
-83.30	4603	-360.8	-47.4	-37.3	-43.0	-365.2
-83.86	4633	-364.1	-57.7	-33.4	-54.1	-367.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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84.27	Max	Cent	8750.3	44236.8	3599.6	44598.2	8388.8
84.67			4634	11423.0	40207.4	2706.9	40459.7
83.74			4604	11045.9	44240.8	3688.6	44645.7
84.65			4603	12471.7	51480.8	3684.1	51825.7
82.89			4633	14099.4	42225.8	3565.5	42670.8
-42.56	Min	Cent	-2962.3	-3726.5	-4467.5	1139.4	-7828.2
-44.99			4634	-4783.6	-4786.1	-5260.7	475.8
-38.92			4604	-4288.0	-6143.0	-4304.4	-812.3
-51.86			4603	-5469.1	-3720.3	-3583.1	-906.5
-58.18			4633	-5868.7	-580.4	-5334.0	2728.9

		NODE	Vxx	Vyy
Max	Cent		12.7	20.9
		4634	11.1	28.3
		4604	11.1	15.0
		4603	14.4	15.0
Min	Cent		14.4	28.3
		4634	-12.0	-28.9
		4604	-10.9	-29.4
		4603	-10.9	-31.9
		4603	-13.0	-31.9
		4633	-13.0	-29.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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88.53	pp	Cent	-837.1	-86.5	19.2	-86.0	-837.6
87.84			4634	-828.9	-88.8	28.0	-87.7
89.30			4604	-825.8	-77.8	9.1	-77.7
89.21			4603	-845.3	-84.2	10.5	-84.1
87.77			4633	-848.3	-95.2	29.4	-94.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-83.66			Cent	1633.3	9705.6	-908.2	9806.5
-80.99			4634	1479.3	12372.1	-1771.5	12652.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.06		4604	1399.3	14590.7	-679.8	14625.6	1364.4
-88.08		4603	1271.3	8859.5	-255.1	8868.0	1262.7
-51.45		4633	2383.5	3000.0	-1346.7	4073.3	1310.2

NODE	Vxx	Vyy
Cent	0.5	15.1
4634	0.1	18.8
4604	0.1	11.5
4603	0.9	11.5
4633	0.9	18.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-5.77	vento -y	Cent	22.1	2.2	-2.0	22.3	2.0
-8.64		4634	21.1	2.0	-3.0	21.6	1.6
-3.09		4604	21.0	1.7	-1.0	21.1	1.6
-3.01		4603	23.0	2.3	-1.1	23.1	2.3
-8.22		4633	23.1	2.7	-3.0	23.5	2.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.25	Cent	33.2	206.9	-11.4	207.7	32.4
-81.71	4634	28.1	272.8	-36.4	278.1	22.8
-89.21	4604	26.9	338.2	-4.3	338.2	26.8
87.37	4603	23.8	189.3	7.6	189.7	23.5
-30.81	4633	54.0	27.5	-24.5	68.6	12.9

NODE	Vxx	Vyy
Cent	0.0	0.4
4634	0.0	0.5
4604	0.0	0.3
4603	0.0	0.3
4633	0.0	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.40	cedime~1	Cent	57.3	8.1	-2.1	57.4	8.1
-5.25		4634	55.0	7.8	-4.4	55.4	7.4
0.45		4604	54.7	6.8	0.4	54.7	6.8
0.27		4603	59.6	8.4	0.2	59.6	8.4
-5.05		4633	59.9	9.4	-4.5	60.3	9.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
0.06		Cent	-121.8	-1001.9	0.9	-121.8	-1001.9
4.27		4634	-99.7	-1253.6	86.7	-93.2	-1260.1
-1.28		4604	-102.4	-1456.9	-30.3	-101.7	-1457.6
-4.78		4603	-100.3	-894.2	-66.8	-94.7	-899.8
12.36		4633	-184.9	-402.8	50.1	-174.0	-413.8

NODE	Vxx	Vyy
Cent	-0.0	-1.4
4634	0.0	-1.7
4604	0.0	-1.1
4603	-0.1	-1.1
4633	-0.1	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.78	perm	Cent	-262.4	-26.8	5.0	-26.7	-262.5
87.98		4634	-259.3	-27.1	8.2	-26.8	-259.6
89.65		4604	-258.5	-24.2	1.4	-24.2	-258.5
89.57		4603	-265.5	-26.5	1.8	-26.4	-265.5
87.93		4633	-266.3	-29.4	8.6	-29.1	-266.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.80		Cent	223.6	3676.8	-193.4	3687.6	212.8
-86.16		4634	195.8	3978.9	-255.2	3996.0	178.6
-87.35		4604	225.6	4168.6	-182.8	4177.1	217.1
-87.59		4603	222.9	3579.0	-141.4	3585.0	216.9
-85.55		4633	250.0	2980.5	-213.7	2997.1	233.3

NODE	Vxx	Vyy
Cent	-0.0	1.6
4634	-0.0	2.0
4604	-0.0	1.2
4603	0.0	1.2
4633	0.0	2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	-203.5	-18.5	52.0	-5.9	-216.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

75.83			4634	-202.8	-19.1	58.8	-4.2	-217.7
74.67			4604	-202.2	-17.1	44.8	-6.9	-212.5
77.09			4603	-204.3	-17.8	45.6	-7.3	-214.8
76.98			4633	-204.8	-19.8	59.8	-4.5	-220.1
74.57		Min	Cent	-744.6	-94.5	-44.7	-91.7	-747.4
-86.26			4634	-736.8	-100.2	-41.3	-98.0	-738.9
-86.69			4604	-731.6	-83.4	-49.1	-79.7	-735.3
-85.69			4603	-752.6	-90.4	-48.6	-86.9	-756.1
-85.82			4633	-757.8	-107.3	-41.0	-105.2	-759.8
-86.80								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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86.28		Max	Cent	12036.4	83563.8	4667.0	83866.9	11733.3
87.22			4634	18104.7	87872.4	3485.8	88037.6	17939.4
86.41			4604	17759.6	93906.9	4796.8	94207.9	17458.6
85.75			4603	17232.1	86573.7	5181.8	86958.8	16847.0
84.90			4633	19324.7	72728.5	4857.9	73157.9	18895.3
-48.53		Min	Cent	-3897.4	-2355.9	-6224.5	3144.4	-9397.7
-52.95			4634	-7878.9	-3736.0	-7357.1	1752.3	-13367.2
-49.24			4604	-7378.9	-5581.3	-6024.1	-389.3	-12570.9
-57.22			4603	-7452.5	-2337.6	-5628.7	1287.4	-11077.5
-60.45			4633	-7857.7	1794.2	-8113.3	6365.2	-12428.8

			NODE	Vxx	Vyy
	Max	Cent		19.4	30.1
			4634	18.9	42.2
			4604	18.9	21.8
			4603	20.0	21.8
			4633	20.0	42.2
	Min	Cent		-18.4	-38.8
			4634	-18.7	-39.4
			4604	-18.7	-43.0
			4603	-18.2	-43.0
			4633	-18.2	-39.4

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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75.83		INV TO~2	Max	Cent	-203.5	-18.5	52.0	-5.9	-216.1
74.67				4634	-202.8	-19.1	58.8	-4.2	-217.7
77.09				4604	-202.2	-17.1	44.8	-6.9	-212.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

76.98			4603	-204.3	-17.8	45.6	-7.3	-214.8
74.57			4633	-204.8	-19.8	59.8	-4.5	-220.1
88.53		Min	Cent	-1130.1	-116.8	-44.7	-116.1	-1130.7
87.84			4634	-1119.0	-119.9	-41.3	-118.4	-1120.4
89.30			4604	-1114.9	-105.1	-49.1	-104.9	-1115.0
89.21			4603	-1141.2	-113.7	-48.6	-113.5	-1141.4
87.77			4633	-1145.3	-128.5	-41.0	-126.9	-1146.8

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

86.28		Max	Cent	12036.4	83563.8	4667.0	83866.9	11733.3
87.22			4634	18104.7	87872.4	3485.8	88037.6	17939.4
86.41			4604	17759.6	93906.9	4796.8	94207.9	17458.6
85.75			4603	17232.1	86573.7	5181.8	86958.8	16847.0
84.90			4633	19324.7	72728.5	4857.9	73157.9	18895.3
-48.53		Min	Cent	-3897.4	-2355.9	-6224.5	3144.4	-9397.7
-52.95			4634	-7878.9	-3736.0	-7357.1	1752.3	-13367.2
-49.24			4604	-7378.9	-5581.3	-6024.1	-389.3	-12570.9
-57.22			4603	-7452.5	-2337.6	-5628.7	1287.4	-11077.5
-51.45			4633	-7857.7	1794.2	-8113.3	5499.0	-12428.8

			NODE	Vxx	Vyy
	Max	Cent	19.4	30.1	
		4634	18.9	42.2	
		4604	18.9	21.8	
		4603	20.0	21.8	
		4633	20.0	42.2	
	Min	Cent	-18.4	-38.8	
		4634	-18.7	-39.4	
		4604	-18.7	-43.0	
		4603	-18.2	-43.0	
		4633	-18.2	-39.4	

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4130	2	21	c mob-a	Max	Cent	1.2	0.5	26.8	-26.0
44.62					4663	1.1	7.9	31.2	-26.8
48.11					4634	1.2	0.2	25.0	-24.4
44.44					4633	1.2	0.2	22.8	-22.1
44.35					4662	1.2	6.0	28.8	-25.3
47.40				Min	Cent	-345.3	-40.8	-28.1	-347.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.78			4663	-337.6	-31.6	-24.7	-29.6	-339.5
-85.41			4634	-343.8	-50.3	-29.6	-47.3	-346.7
-84.29			4633	-353.2	-53.5	-32.0	-50.2	-356.6
-83.98			4662	-346.9	-33.7	-26.6	-31.4	-349.2
-85.17								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	5199.9	51976.1	1969.2	52058.8	5117.1
87.59			4663	10071.8	63294.3	1481.7	63335.5	10030.6
88.41			4634	13282.4	62143.3	1850.9	62213.4	13212.4
87.83			4633	14484.6	51665.2	2256.0	51801.6	14348.2
86.54			4662	8822.3	44166.4	2733.5	44376.5	8612.2
85.60		Min	Cent	-4953.3	-1796.8	-8426.6	5198.1	-11948.2
-50.30			4663	-10998.5	-4104.6	-4971.8	-1501.7	-13601.4
-62.37			4634	-5187.8	-3212.0	-7956.2	3817.4	-12217.3
-48.54			4633	-4974.8	-474.5	-10837.7	8344.2	-13793.4
-50.86			4662	-14098.1	-1291.8	-7994.8	2548.0	-17937.8
-64.35								

			NODE	Vxx	Vyy
	Max	Cent	4663	11.1	35.9
			4663	11.9	43.9
			4634	11.9	29.8
			4633	10.4	29.8
			4662	10.4	43.9
	Min	Cent	4663	-19.5	-8.8
			4663	-17.9	-11.4
			4634	-17.9	-9.8
			4633	-21.0	-9.8
			4662	-21.0	-11.4

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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			-----	-----	-----	-----	-----	-----	
		c mob-b	Max	Cent	0.8	0.6	31.5	32.2	-30.8
44.87				4663	0.8	10.8	36.4	42.6	-30.9
48.92				4634	0.8	0.1	29.2	29.7	-28.7
44.65				4633	0.9	0.1	26.8	27.3	-26.3
44.60				4662	0.9	8.0	33.9	38.5	-29.7
48.00		Min	Cent	4663	-359.1	-45.3	-39.5	-40.5	-364.0
-82.94				4663	-349.3	-35.7	-34.7	-31.9	-353.1
-83.76				4634	-356.0	-55.0	-41.5	-49.4	-361.6
-82.29									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-81.98		4633	-369.1	-59.5	-44.5	-53.2	-375.4
-83.47		4662	-362.3	-38.7	-37.5	-34.4	-366.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	5136.7	35693.0	2650.9	35921.2	4908.4
85.08		4663	7751.9	40649.4	1977.5	40767.9	7633.4
86.57		4634	11431.3	40207.4	2611.1	40442.4	11196.3
84.86		4633	14461.3	42225.8	3027.0	42552.0	14135.1
83.85		4662	8335.5	32541.5	3202.7	32958.1	7918.9
82.59	Min	Cent	-4982.6	-2699.4	-8502.2	4737.5	-12419.5
-48.82		4663	-9690.3	-6097.2	-6529.6	-1121.5	-14666.0
-52.69		4634	-4349.2	-4786.1	-8764.2	4199.3	-13334.5
-44.29		4633	-5351.5	-580.4	-8798.9	6150.6	-12082.5
-52.58		4662	-13799.9	-1362.5	-6716.1	1571.9	-16734.3
-66.40							

		NODE	Vxx	Vyy
Max	Cent		9.1	29.8
		4663	8.6	34.7
		4634	8.6	28.3
		4633	9.6	28.3
		4662	9.6	34.7
Min	Cent		-17.9	-18.9
		4663	-15.3	-20.8
		4634	-15.3	-29.4
		4633	-20.6	-29.4
		4662	-20.6	-20.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	-844.2	-54.8	3.5	-54.8	-844.2
89.74		4663	-817.9	-7.2	23.0	-6.5	-818.5
88.38		4634	-841.6	-92.9	-4.9	-92.9	-841.6
-89.62		4633	-870.5	-102.4	-15.9	-102.1	-870.8
-88.82		4662	-846.7	-16.6	12.0	-16.5	-846.9
89.17							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	-811.3	7790.3	-3224.2	8864.7	-1885.7
-71.57		4663	-2674.2	14315.0	-2188.8	14592.5	-2951.7
-82.78		4634	1502.2	12372.1	-3456.2	13377.9	496.3
-73.77							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-46.42		4633	2653.8	3000.0	-3478.1	6309.3	-655.6
-72.25		4662	-4727.0	1474.0	-2210.7	2181.4	-5434.4

NODE	Vxx	Vyy
Cent	-4.6	22.3
4663	-3.3	25.8
4634	-3.3	18.8
4633	-5.8	18.8
4662	-5.8	25.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.67	vento -y	Cent	22.2	0.9	-1.0	22.3	0.9
-6.11		4663	20.6	-1.1	-2.3	20.8	-1.4
-0.18		4634	21.5	2.2	-0.1	21.5	2.2
0.98		4633	23.8	2.9	0.4	23.9	2.9
-4.71		4662	22.9	-0.3	-1.9	23.1	-0.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-69.85	Cent	-35.8	153.2	-80.1	182.6	-65.2
-82.92	4663	-88.3	324.6	-52.1	331.0	-94.8
-72.49	4634	28.6	272.8	-85.6	299.8	1.6
-39.37	4633	61.8	27.5	-86.2	132.6	-43.3
-70.83	4662	-145.4	-12.0	-52.7	6.3	-163.7

NODE	Vxx	Vyy
Cent	-0.1	0.6
4663	-0.1	0.7
4634	-0.1	0.5
4633	-0.2	0.5
4662	-0.2	0.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.52	cedime~1	Cent	57.6	5.5	-1.4	57.6	5.4
-4.91		4663	53.7	1.0	-4.6	54.1	0.7
1.10		4634	55.7	8.1	0.9	55.7	8.0
2.01		4633	61.4	9.9	1.8	61.4	9.8
-3.70		4662	59.4	2.9	-3.7	59.6	2.7

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	4663	4634	4633	4662
13.89	96.8	263.8	-101.3	-210.9	435.5
5.63	-842.0	-1422.8	-1253.6	-402.8	-288.8
11.95	247.3	167.9	255.3	258.2	170.8
34.81	157.9	280.4	-47.3	-31.3	473.7
12.63	-903.2	-1439.3	-1307.7	-582.3	-327.1

NODE Vxx Vyy

Cent	0.4	-2.0
4663	0.3	-2.3
4634	0.3	-1.7
4633	0.5	-1.7
4662	0.5	-2.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.96	perm	Cent	-265.2	-15.8	0.2	-15.8	-265.2
88.44		4663	-256.0	0.5	7.0	0.7	-256.2
-89.29		4634	-264.1	-28.7	-2.9	-28.7	-264.1
-88.43		4633	-274.3	-32.0	-6.6	-31.9	-274.5
89.29		4662	-266.2	-2.9	3.3	-2.8	-266.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-84.75	Cent	21.9	3422.6	-315.3	3451.6	-7.0
-86.82	4663	-113.3	4044.3	-231.8	4057.2	-126.2
-84.71	4634	200.2	3978.9	-352.9	4011.5	167.5
-82.93	4633	273.8	2980.5	-340.9	3022.8	231.6
-85.78	4662	-273.0	2686.7	-219.8	2702.9	-289.2

NODE Vxx Vyy

Cent	-0.3	2.4
4663	-0.2	2.7
4634	-0.2	2.0
4633	-0.4	2.0
4662	-0.4	2.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
78.61	INV TO~1 Max	Cent	-206.0	-9.5	42.6	-1.2	-214.3
		4663	-200.7	16.2	56.1	27.8	-212.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

77.28			4634	-206.8	-20.4	37.5	-13.2	-214.1
79.06			4633	-211.3	-21.9	31.4	-16.8	-216.4
80.84			4662	-205.2	10.8	49.0	20.0	-214.4
78.61								
-85.52	Min	Cent		-750.0	-77.0	-54.5	-72.8	-754.2
-86.65			4663	-727.5	-47.8	-44.4	-45.4	-729.8
-84.79			4634	-744.7	-102.9	-59.0	-97.5	-750.1
-84.29			4633	-772.6	-112.3	-66.7	-105.6	-779.3
-86.15			4662	-755.4	-55.1	-51.1	-52.0	-758.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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87.20	Max	Cent		7138.5	73590.3	3510.7	73749.9	6951.2
88.16			4663	13747.4	89491.6	2605.7	89569.7	13656.2
87.40			4634	18131.4	87872.4	3427.4	88016.4	17987.4
85.97			4633	19828.0	72728.5	4003.8	72992.4	19564.1
85.40			4662	12072.6	62311.2	4274.7	62641.4	11709.5
-51.75	Min	Cent		-6704.6	-1063.6	-11793.2	8038.3	-15709.8
-58.55			4663	-14961.3	-5609.7	-9046.8	-179.6	-20127.6
-48.78			4634	-6904.7	-3736.0	-12184.5	6713.5	-17354.3
-53.46			4633	-7161.6	1794.2	-14971.7	12696.1	-18063.5
-65.93			4662	-19305.4	558.4	-11012.8	5401.5	-24156.0

			NODE	Vxx	Vyy
Max	Cent			15.1	50.8
			4663	16.1	62.1
			4634	16.1	42.2
			4633	14.1	42.2
			4662	14.1	62.1
Min	Cent			-26.6	-25.1
			4663	-24.5	-27.6
			4634	-24.5	-39.4
			4633	-28.8	-39.4
			4662	-28.8	-27.6

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

78.61	INV TO~2	Max	Cent	-206.0	-9.5	42.6	-1.2	-214.3
77.28								
79.06			4663	-200.7	16.2	56.1	27.8	-212.4
80.84			4634	-206.8	-20.4	37.5	-13.2	-214.1
			4633	-211.3	-21.9	31.4	-16.8	-216.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

78.61			4662	-205.2	10.8	49.0	20.0	-214.4
89.74	Min	Cent		-1139.6	-77.0	-54.5	-73.9	-1139.6
-86.65			4663	-1104.1	-47.8	-44.4	-45.4	-1105.0
-89.62			4634	-1136.2	-125.5	-59.0	-125.4	-1136.2
-88.82			4633	-1175.1	-138.2	-66.7	-137.8	-1175.6
-86.15			4662	-1143.1	-55.1	-51.1	-52.0	-1143.3

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

87.20	Max	Cent		7138.5	73590.3	3510.7	73749.9	6951.2
88.16			4663	13747.4	89491.6	2605.7	89569.7	13656.2
87.40			4634	18131.4	87872.4	3427.4	88016.4	17987.4
85.97			4633	19828.0	72728.5	4003.8	72992.4	19564.1
85.40			4662	12072.6	62311.2	4274.7	62641.4	11709.5
-51.75	Min	Cent		-6704.6	-1063.6	-11793.2	8038.3	-15709.8
-58.55			4663	-14961.3	-5609.7	-9046.8	-179.6	-20127.6
-48.78			4634	-6904.7	-3736.0	-12184.5	6713.5	-17354.3
-46.42			4633	-7161.6	1794.2	-14971.7	8517.6	-18063.5
-72.25			4662	-19305.4	558.4	-11012.8	2944.9	-24156.0

		NODE	Vxx	Vyy
Max	Cent		15.1	50.8
		4663	16.1	62.1
		4634	16.1	42.2
		4633	14.1	42.2
		4662	14.1	62.1
Min	Cent		-26.6	-25.1
		4663	-24.5	-27.6
		4634	-24.5	-39.4
		4633	-28.8	-39.4
		4662	-28.8	-27.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
4169	2	14	c mob-a	Max	Cent	104.1	198.8	341.9	496.6	-193.7	
48.94						5924	110.0	330.9	341.9	579.7	-138.9
53.95						5889	110.0	68.6	341.9	431.8	-253.2
43.27						5888	98.3	68.6	341.9	425.7	-258.7
43.76						5923	98.3	330.9	341.9	575.7	-146.5
54.39				Min	Cent	-12.9	-45.1	-9.8	-10.2	-47.9	
-15.66						5924	-10.2	-45.6	-9.8	-7.7	-48.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-14.48			5889	-10.2	-59.0	-9.8	-8.3	-60.9
-10.93			5888	-16.2	-59.0	-9.8	-14.0	-61.2
-12.27			5923	-16.2	-45.6	-9.8	-13.2	-48.6
-16.82								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	18229.9	43890.5	5877.0	45172.5	16947.9
77.69			5924	31607.6	50493.7	4017.3	51312.7	30788.6
78.48			5889	18395.9	53774.1	4663.1	54378.4	17791.6
82.62			5888	15411.7	41371.0	8284.2	43789.4	12993.4
73.73			5923	29122.7	37820.0	7844.4	42440.5	24502.2
59.50		Min	Cent	-9160.0	-335.3	-7356.0	3830.2	-13325.6
-60.48			5924	-12626.7	-193.3	-5286.8	1750.7	-14570.7
-69.81			5889	-10483.0	-481.1	-5975.6	2310.1	-13274.2
-64.96			5888	-13829.0	-1337.8	-9073.8	3432.1	-18598.9
-62.27			5923	-16055.6	-1361.9	-8687.8	2669.1	-20086.5
-65.11								

		NODE	Vxx	Vyy
	Max	Cent	28.8	33.6
		5924	29.1	36.0
		5889	29.1	34.8
		5888	28.5	34.8
		5923	28.5	36.0
	Min	Cent	-16.9	-9.0
		5924	-16.9	-9.0
		5889	-16.9	-11.4
		5888	-18.3	-11.4
		5923	-18.3	-9.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	105.3	226.4	361.8	532.6	-200.9
49.75			5924	110.8	391.0	361.8	638.9	-137.0
55.58			5889	110.8	70.6	361.8	453.0	-271.6
43.41			5888	99.8	70.6	361.8	447.2	-276.9
43.84			5923	99.8	391.0	361.8	635.4	-144.5
55.96		Min	Cent	-13.0	-31.2	-8.4	-9.7	-34.5
-21.38			5924	-9.7	-24.7	-8.4	-5.9	-28.5
-24.10			5889	-9.7	-42.3	-8.4	-7.6	-44.3
-13.66			5888	-16.5	-42.3	-8.4	-14.0	-44.8
-16.56								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
61.02          Cent      4507.3    8551.1    3231.0    10340.7    2717.7
32.88          5924      1236.1   -2315.2    3944.4     3786.1   -4865.2
21.67          5889      2942.1   -2525.3    2580.2     3967.5   -3550.7
79.92          5888      5434.4    17679.7    2247.6    18079.2    5034.9
75.42          5923      8416.5    21365.2    3611.8    22304.5    7477.2
    
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-----
          NODE      Vxx      Vyy
-----
          Cent      0.1     -45.2
          5924     -1.9     -47.4
          5889     -1.9     -42.9
          5888      2.0     -42.9
          5923      2.0     -47.4
    
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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent      88.3     169.7     278.1     410.0    -152.1
49.16          5924      93.3     285.7     278.1     483.8    -104.7
54.54          5889      93.3      53.6     278.1     352.2    -205.3
42.96          5888      83.2      53.6     278.1     346.8    -210.1
43.48          5923      83.2     285.7     278.1     480.4    -111.5
55.01
    
```

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          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent     -90.7    1948.5   -2102.2    3265.3   -1407.6
-57.94          5924      36.7    2681.0   -2192.9    3919.6   -1201.8
-60.54          5889      68.6    2683.9   -2073.0    3827.2   -1074.7
-61.12          5888     -107.6    1634.6   -2001.3    2946.1   -1419.2
-56.76          5923     -360.7     794.6   -2121.2    2415.5   -1981.5
-52.62
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent     -0.0      3.0
          5924     -0.0      3.9
          5889     -0.0      2.2
          5888     -0.0      2.2
          5923     -0.0      3.9
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1 Max Cent      231.6     475.3     766.4    1129.0    -80.2
49.54          5924      243.4     813.6     766.4    1346.1    -34.1
55.21          5889      243.4     155.3     766.4     963.8   -146.5
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.24			5888	220.0	155.3	766.4	950.6	-152.8
43.71			5923	220.0	813.6	766.4	1338.0	-46.0
55.62		Min	Cent	70.7	108.8	169.5	260.9	-423.3
48.10			5924	79.6	217.7	169.5	331.8	-289.5
56.06			5889	79.6	-26.1	169.5	206.8	-572.0
36.82			5888	61.0	-26.1	169.5	196.2	-583.8
38.15			5923	61.0	217.7	169.5	326.7	-306.5
57.27								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	29026.9	69751.8	11241.0	72648.6	26130.1
75.55			5924	43943.0	70847.5	10721.4	72550.5	41159.9
69.46			5889	28535.4	75278.9	11327.9	76774.1	25802.3
80.30			5888	26132.6	75741.4	12219.0	78587.7	23286.3
76.89			5923	47371.5	81560.9	12789.6	85815.7	43116.7
71.60		Min	Cent	-12456.8	-181.5	-12032.9	7188.6	-19827.0
-58.51			5924	-17009.3	-770.9	-9330.1	962.3	-20889.6
-72.16			5889	-14083.4	-2418.1	-10140.1	1948.1	-19364.1
-59.99			5888	-18776.8	-1905.0	-14250.9	6219.7	-26901.5
-60.31			5923	-22035.7	-1043.9	-13849.8	5837.8	-28917.4
-63.58								

			NODE	Vxx	Vyy
	Max	Cent	5888	38.9	48.4
			5924	39.3	52.4
			5889	39.3	55.4
			5888	40.5	55.4
			5923	40.5	52.4
	Min	Cent	5888	-22.9	-60.9
			5924	-26.6	-88.0
			5889	-26.6	-57.1
			5888	-24.7	-57.1
			5923	-24.7	-88.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
		INV TO~2	Max	Cent	393.9	641.0	1148.2	1672.3	-80.2
48.07				5924	418.4	1038.0	1148.2	1917.4	-34.1
52.55				5889	418.4	244.0	1148.2	1482.7	-146.5
42.83				5888	369.4	244.0	1148.2	1456.6	-152.8
43.44				5923	369.4	1038.0	1148.2	1899.6	-46.0
53.12									

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48.10	Min	Cent	70.7	108.8	169.5	260.9	-637.4
56.06		5924	79.6	217.7	169.5	331.8	-461.1
36.82		5889	79.6	-26.1	169.5	206.8	-820.3
38.15		5888	61.0	-26.1	169.5	196.2	-843.2
57.27		5923	61.0	217.7	169.5	326.7	-492.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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75.55	Max	Cent	29026.9	69751.8	11241.0	72648.6	26130.1
69.46		5924	43943.0	70847.5	10721.4	72550.5	41159.9
80.30		5889	28535.4	75278.9	11327.9	76774.1	25802.3
76.89		5888	26132.6	75741.4	12219.0	78587.7	23286.3
71.60		5923	47371.5	81560.9	12789.6	85815.7	43116.7
-58.51	Min	Cent	-12456.8	-181.5	-12032.9	7188.6	-19827.0
-72.16		5924	-17009.3	-770.9	-9330.1	962.3	-20889.6
-59.99		5889	-14083.4	-2418.1	-10140.1	1948.1	-19364.1
-60.31		5888	-18776.8	-1905.0	-14250.9	6219.7	-26901.5
-63.58		5923	-22035.7	-1043.9	-13849.8	5837.8	-28917.4

		NODE	Vxx	Vyy
Max	Cent		38.9	48.4
	5924		39.3	52.4
	5889		39.3	55.4
	5888		40.5	55.4
	5923		40.5	52.4
Min	Cent		-22.9	-60.9
	5924		-26.6	-88.0
	5889		-26.6	-57.1
	5888		-24.7	-57.1
	5923		-24.7	-88.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4170	2	14	c mob-a	Max	Cent	34.1	340.8	188.5	430.4	-55.6
64.56					5960	28.3	364.6	188.5	449.1	-56.1
65.86					5924	28.3	310.5	188.5	404.9	-66.1
63.41					5923	40.1	310.5	188.5	407.3	-56.7
62.82					5959	40.1	364.6	188.5	451.1	-46.4
65.36				Min	Cent	-4.0	-58.3	-5.6	-3.4	-58.8
-5.84					5960	-5.6	-88.1	-5.6	-5.2	-88.5
-3.87					5924	-5.6	-45.9	-5.6	-4.8	-46.6

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-7.79			5923	-4.2	-45.9	-5.6	-3.5	-46.6
-7.55			5959	-4.2	-88.1	-5.6	-3.9	-88.5
-3.81								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	15045.6	62206.0	5756.5	62898.5	14353.1
83.14		5960	2709.3	90179.0	5323.8	90501.8	2386.5
86.53		5924	31541.8	50480.4	4805.5	51630.0	30392.2
76.55		5923	29136.5	37700.6	6288.2	41026.3	25810.8
62.13		5959	1961.3	72453.2	6420.9	73033.3	1381.2
84.84	Min	Cent	-6192.3	-452.2	-7807.8	4996.4	-11640.8
-55.09		5960	-583.0	-263.8	-5316.5	4895.5	-5742.3
-45.86		5924	-12822.2	-194.2	-3781.1	851.4	-13867.8
-74.54		5923	-15801.1	-1458.6	-10820.2	4351.1	-21610.7
-61.77		5959	-757.9	-3551.1	-13197.5	11116.7	-15425.7
-41.98							

		NODE	Vxx	Vyy
	Max	Cent	13.3	46.3
		5960	11.1	58.2
		5924	11.1	36.0
		5923	15.8	36.0
		5959	15.8	58.2
	Min	Cent	-28.9	-14.0
		5960	-30.7	-19.5
		5924	-30.7	-9.0
		5923	-27.4	-9.0
		5959	-27.4	-19.5

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	37.7	453.4	201.4	535.0	-43.9
67.95			5960	32.0	538.2	201.4	608.6	-38.4
70.74			5924	32.0	373.5	201.4	466.8	-61.3
65.14			5923	43.8	373.5	201.4	469.0	-51.6
64.65			5959	43.8	538.2	201.4	609.9	-27.9
70.41		Min	Cent	-3.4	-27.5	-6.3	-1.8	-29.1
-13.73			5960	-5.1	-60.6	-6.3	-4.4	-61.3
-6.38			5924	-5.1	-24.0	-6.3	-3.2	-25.9
-16.77			5923	-3.1	-24.0	-6.3	-1.4	-25.8
-15.50			5959	-3.1	-60.6	-6.3	-2.5	-61.2
-6.17								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
79.38	Max	Cent	11056.6	32291.6	4125.8	33065.1	10283.2
85.32		5960	405.0	29331.9	2386.2	29527.4	209.5
78.42		5924	18513.7	37616.9	4086.4	38454.3	17676.3
73.21		5923	26172.8	43861.0	5872.8	45633.3	24400.5
78.07		5959	477.7	19465.4	4200.7	20353.2	-410.2
-52.87	Min	Cent	-3669.6	-948.6	-4828.5	2707.4	-7325.6
-44.82		5960	-424.6	-496.6	-5586.7	5126.2	-6047.4
-60.22		5924	-5748.2	-866.9	-4152.4	1509.0	-8124.1
-68.51		5923	-9134.5	-1288.7	-3656.0	150.9	-10574.1
-38.40		5959	-858.6	-3243.7	-5085.0	3171.8	-7274.1

		NODE	Vxx	Vyy
Max	Cent		11.2	26.2
	5960		9.6	28.7
	5924		9.6	29.4
	5923		13.1	29.4
	5959		13.1	28.7
Min	Cent		-21.7	-13.6
	5960		-20.3	-3.3
	5924		-20.3	-32.9
	5923		-23.1	-32.9
	5959		-23.1	-3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
61.34	pp	Cent	92.5	685.5	462.1	938.0	-160.1
61.14		5960	78.2	661.9	462.1	916.6	-176.5
62.16		5924	78.2	709.1	462.1	953.1	-165.9
61.55		5923	106.8	709.1	462.1	959.5	-143.6
60.49		5959	106.8	661.9	462.1	923.4	-154.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-49.78		Cent	-155.9	2179.8	-6931.6	8041.2	-6017.4
-53.85		5960	182.7	4878.2	-7360.0	10255.9	-5195.0
-53.22		5924	-58.7	3878.8	-6669.9	8864.5	-5044.4
-48.76		5923	-574.5	1148.1	-6525.3	6868.7	-6295.1
-42.99		5959	-173.1	-1186.1	-7215.4	6553.5	-7912.7

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NODE	Vxx	Vyy
Cent	0.6	9.4
5960	-0.1	13.1
5924	-0.1	5.7
5923	1.2	5.7
5959	1.2	13.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-17.53	vento -y	Cent	-0.8	-3.2	-0.8	-0.6	-3.4
-14.54		5960	-1.1	-4.1	-0.8	-0.9	-4.3
-27.26		5924	-1.1	-2.3	-0.8	-0.7	-2.7
-21.76		5923	-0.6	-2.3	-0.8	-0.2	-2.6
-12.53		5959	-0.6	-4.1	-0.8	-0.4	-4.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
39.95	Cent	-8.2	-28.1	55.9	38.7	-75.0
41.34	5960	0.5	-13.3	53.8	47.9	-60.6
46.08	5924	-5.8	-1.7	54.8	51.1	-58.6
39.71	5923	-27.4	-48.6	56.9	19.8	-95.9
33.19	5959	-0.1	-48.9	55.9	36.5	-85.4

NODE	Vxx	Vyy
Cent	0.0	0.1
5960	0.0	0.1
5924	0.0	0.1
5923	0.0	0.1
5959	0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-43.37	cedime~1	Cent	-2.0	-8.8	-59.6	54.2	-65.1
-41.83		5960	3.0	-10.2	-59.6	56.3	-63.5
-42.50		5924	3.0	-7.4	-59.6	57.6	-62.0
-44.92		5923	-7.1	-7.4	-59.6	52.3	-66.8
-44.25		5959	-7.1	-10.2	-59.6	50.9	-68.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	2409.2	10507.2	6399.0	14030.6	-1114.2

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	Company		Client	
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61.16							
		5960	-1430.7	-3426.4	8451.5	6081.7	-10938.8
41.63							
		5924	2472.1	-1944.4	5218.8	5930.6	-5402.9
33.53							
		5923	7918.6	21215.9	4572.1	22636.2	6498.2
72.74							
		5959	676.9	26183.7	7804.9	28382.4	-1521.8
74.27							

NODE	Vxx	Vyy
Cent	-6.6	-55.7
5960	-3.8	-63.9
5924	-3.8	-47.4
5923	-9.5	-47.4
5959	-9.5	-63.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
65.49	perm	Cent	29.8	293.9	152.0	363.2	-39.5
67.04		5960	25.3	319.7	152.0	384.1	-39.1
64.31		5924	25.3	268.2	152.0	341.3	-47.8
63.79		5923	34.3	268.2	152.0	343.0	-40.5
66.59		5959	34.3	319.7	152.0	385.5	-31.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-54.23	Cent	-44.6	1595.2	-2456.6	3365.1	-1814.5
-59.39	5960	88.6	3029.5	-2676.5	4612.9	-1494.8
-59.43	5924	144.5	2713.4	-2330.1	4089.6	-1231.8
-52.14	5923	-355.4	796.2	-2262.8	2555.3	-2114.5
-44.44	5959	-56.0	-158.2	-2609.2	2502.6	-2716.8

NODE	Vxx	Vyy
Cent	0.2	5.4
5960	-0.2	6.9
5924	-0.2	3.9
5923	0.6	3.9
5959	0.6	6.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
67.11	INV TO~1 Max	Cent	80.7	906.0	423.9	1085.0	-10.1
69.53		5960	71.5	1046.3	423.9	1204.5	-13.7
64.85		5924	71.5	772.5	423.9	971.5	-12.5
		5923	93.5	772.5	423.9	976.1	-11.9

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64.34			5959	93.5	1046.3	423.9	1207.6	-13.1
69.17		Min	Cent	22.4	206.5	83.9	239.0	-98.3
68.81			5960	17.8	190.5	83.9	225.0	-89.7
67.65			5924	17.8	198.9	83.9	232.2	-130.5
68.34			5923	21.5	198.9	83.9	232.3	-110.2
68.29			5959	21.5	190.5	83.9	225.1	-67.9
67.60								

ANGLE NODE Mxx Myy Mxy Mmax Mmin

81.15		Max	Cent	22676.1	96080.5	11713.7	97904.5	20852.2
87.87			5960	3746.2	124771.1	12962.2	124939.0	3578.3
70.84			5924	45198.0	70862.0	9376.1	72176.2	42124.5
73.91			5923	46897.4	81224.4	10798.5	84338.8	43783.0
83.52			5959	3268.6	123837.3	13864.0	125411.0	2207.0
-54.27		Min	Cent	-8404.2	314.6	-12997.1	9663.9	-17753.5
-53.36			5960	-2129.1	-1067.3	-10218.6	246.9	-9502.0
-79.59			5924	-17165.5	-401.3	-7935.9	97.8	-20078.3
-60.65			5923	-21686.9	-1172.9	-16870.1	8313.6	-31173.4
-42.39			5959	-1215.2	-4952.2	-20425.8	17427.3	-23594.8

NODE Vxx Vyy

Max	Cent	18.2	67.9
	5960	14.8	85.5
	5924	14.8	52.4
	5923	21.9	52.4
	5959	21.9	85.5
Min	Cent	-45.4	-69.1
	5960	-45.3	-83.2
	5924	-45.3	-88.0
	5923	-45.8	-88.0
	5959	-45.8	-83.2

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

61.34	INV TO~2	Max	Cent	124.8	925.4	623.8	1266.3	-10.1
61.14			5960	105.5	1046.3	623.8	1237.4	-13.7
62.16			5924	105.5	957.2	623.8	1286.7	-12.5
61.55			5923	144.2	957.2	623.8	1295.3	-11.9
60.49			5959	144.2	1046.3	623.8	1246.6	-13.1
68.81		Min	Cent	22.4	206.5	83.9	239.0	-216.1

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-44.17
-44.61

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	223.4	4366.2	2080.8	5230.8	-641.3
67.43		3458	513.3	5404.6	1803.7	5997.8	-79.9
71.80		3427	91.3	7717.1	1992.7	8206.4	-398.0
76.20		3426	37.7	2495.2	2263.0	3841.6	-1308.6
59.25		3457	412.1	2423.5	2069.9	3719.1	-883.5
57.96	Min	Cent	-312.1	-448.3	-526.1	150.3	-910.7
-41.31		3458	-754.5	-812.4	-471.6	-311.0	-1255.9
-43.24		3427	-50.3	-902.1	-537.1	209.3	-1161.6
-25.79		3426	-49.6	-322.0	-566.6	396.9	-768.5
-38.24		3457	-540.5	-253.0	-526.1	148.6	-942.1
-52.64							

		NODE	Vxx	Vyy
	Max	Cent	0.5	6.5
		3458	0.5	5.2
		3427	0.5	8.4
		3426	0.4	8.4
		3457	0.4	5.2
	Min	Cent	-0.7	-1.9
		3458	-0.8	-2.1
		3427	-0.8	-2.2
		3426	-0.5	-2.2
		3457	-0.5	-2.1

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		c mob-b	Max	Cent	63.5	274.8	2.7	274.8	63.5
89.26				3458	34.5	161.0	3.9	161.1	34.3
88.25				3427	90.7	387.0	3.7	387.1	90.7
89.29				3426	95.7	388.7	1.7	388.7	95.7
89.67				3457	35.2	162.6	1.8	162.6	35.1
89.21			Min	Cent	-1.2	-8.2	-151.3	146.6	-156.0
-44.34				3458	-0.4	-4.7	-180.0	177.4	-182.6
-44.65				3427	-2.2	-12.2	-177.5	170.3	-184.8
-44.19				3426	-2.5	-12.4	-122.5	115.2	-130.1
-43.84				3457	-0.3	-4.9	-125.1	122.5	-127.6
-44.47									

NODE Mxx Myy Mxy Mmax Mmin

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ANGLE

	Max	Cent					
73.76			455.6	10112.0	3073.5	11007.2	-439.7
78.84		3458	1250.7	13470.8	2507.9	13965.4	756.0
81.04		3427	148.8	17873.4	2866.6	18325.4	-303.3
63.53		3426	76.8	5341.4	3485.2	7076.7	-1658.5
61.29		3457	648.2	4636.7	3121.3	6346.4	-1061.5
-45.44	Min	Cent	-503.5	-474.2	-950.3	461.5	-1439.3
-53.69		3458	-1287.6	-763.7	-837.4	-148.2	-1903.1
-35.58		3427	-157.1	-859.4	-1029.2	579.2	-1595.7
-41.28		3426	-60.0	-339.5	-1070.9	880.3	-1279.8
-51.40		3457	-751.9	-256.8	-1090.5	613.8	-1622.6

	NODE	Vxx	Vyy
Max	Cent	1.0	14.4
	3458	1.3	12.4
	3427	1.3	17.8
	3426	0.6	17.8
	3457	0.6	12.4
Min	Cent	-1.0	-1.5
	3458	-1.3	-1.5
	3427	-1.3	-1.7
	3426	-0.7	-1.7
	3457	-0.7	-1.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.71	pp	Cent	186.6	763.4	-436.9	998.5	-48.5
-54.38		3458	96.0	446.2	-515.3	815.3	-273.2
-64.12		3427	271.1	1078.6	-512.2	1327.0	22.7
-69.13		3426	277.3	1080.6	-358.4	1217.3	140.6
-57.79		3457	102.1	448.2	-361.5	676.0	-125.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.87	Cent	-346.9	4692.5	4792.2	7587.1	-3241.5
62.52	3458	-1053.0	4921.9	4260.6	7138.1	-3269.1
69.93	3427	168.5	10938.8	4542.0	12598.5	-1491.2
48.79	3426	-77.4	1281.1	5110.2	5757.0	-4553.3
51.00	3457	-425.8	1628.1	4828.8	5537.9	-4335.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
          Cent      -0.8      8.5
          3458      -1.2      4.3
          3427      -1.2     12.7
          3426      -0.3     12.7
          3457      -0.3      4.3
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.67	vento -y	Cent	-2.0	-3.2	3.1	0.6	-5.8
49.07		3458	-1.4	-0.3	3.7	2.9	-4.6
34.07		3427	-3.0	-6.2	3.9	-0.3	-8.8
27.89		3426	-2.6	-6.0	2.5	-1.3	-7.4
49.92		3457	-1.0	-0.2	2.3	1.8	-2.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-48.87	Cent	-0.3	11.2	-42.3	48.1	-37.2
-65.89	3458	2.3	69.2	-37.5	86.0	-14.5
-52.29	3427	-1.3	19.3	-39.7	50.0	-32.1
-36.89	3426	0.8	-25.7	-45.5	35.0	-59.8
-40.00	3457	-3.0	-18.2	-43.2	33.3	-54.5

```

-----
          NODE      Vxx      Vyy
          Cent      -0.0      0.1
          3458       0.0      0.1
          3427       0.0      0.1
          3426      -0.0      0.1
          3457      -0.0      0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
24.64	cedime~1	Cent	-7.6	-62.7	32.0	7.1	-77.3
35.42		3458	5.1	-24.3	42.3	35.2	-54.4
21.83		3427	-15.7	-99.5	40.0	0.3	-115.6
14.12		3426	-20.3	-101.0	21.7	-14.8	-106.5
30.61		3457	0.6	-25.8	24.0	14.8	-40.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.32	Cent	628.1	-23770.6	-3187.8	1037.7	-24180.2
	3458	1389.6	-39982.4	-2545.2	1545.6	-40138.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-3.51			3427	59.1	-48768.6	-2829.4	222.5	-48932.1
-3.31			3426	-67.7	-2911.2	-3658.9	2436.0	-5414.9
-34.38			3457	1131.3	-3420.2	-3374.7	2925.9	-5214.8
-28.00								

NODE	Vxx	Vyy
Cent	1.2	-54.1
3458	1.3	-48.0
3427	1.3	-60.2
3426	1.2	-60.2
3457	1.2	-48.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-62.77	perm	Cent	56.0	254.0	-138.6	325.4	-15.3
-55.19		3458	24.5	147.4	-165.5	262.5	-90.6
-65.11		3427	83.2	359.2	-163.2	435.0	7.4
-70.35		3426	87.6	360.7	-111.7	400.6	47.7
-58.87		3457	28.9	148.8	-114.0	217.7	-39.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
71.71	Cent	-112.9	4265.4	1625.0	4802.7	-650.1
74.00	3458	-338.2	4386.4	1475.7	4809.5	-761.3
76.75	3427	69.1	6246.9	1539.8	6609.4	-293.4
66.30	3426	-27.1	3110.5	1705.5	3859.0	-775.5
68.31	3457	-155.3	3317.9	1641.4	3970.8	-808.2

NODE	Vxx	Vyy
Cent	-0.3	2.8
3458	-0.4	1.4
3427	-0.4	4.1
3426	-0.1	4.1
3457	-0.1	1.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-75.37	INV TO~1 Max	Cent	143.4	625.0	-103.0	660.2	112.2
-49.08		3458	77.9	364.7	-118.0	495.1	32.7
-77.40		3427	209.1	881.8	-118.3	917.1	173.7
-80.93		3426	216.7	885.4	-87.8	902.9	199.3
		3457	78.3	368.4	-87.6	406.3	51.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-71.24								
	Min	Cent	46.8	180.4	-342.8	431.5	-206.8	
-51.06								
			3458	23.8	116.7	-408.5	385.7	-330.3
-69.02								
			3427	64.4	243.2	-402.8	527.5	-219.9
-51.92								
			3426	64.0	242.9	-279.8	426.6	-119.6
-54.56								
			3457	28.6	116.5	-282.8	335.3	-203.0
-49.79								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	1130.2	17916.6	5774.3	19657.3	-819.0
73.22							
			3458	2739.8	22571.9	4861.4	289.6
77.69							
			3427	329.0	30375.9	5409.7	31318.5
80.12							
			3426	76.6	10321.5	6410.5	13404.8
64.31							
			3457	1851.0	9577.4	5855.1	12490.1
63.55							
	Min	Cent	-792.6	-20145.4	-2845.7	232.8	-20542.8
-7.95							
			3458	-2076.5	-36692.8	-2200.0	-553.0
-3.48							
			3427	-143.0	-43739.6	-2679.0	79.9
-3.50							
			3426	-175.8	-258.9	-3399.2	2676.5
84.67							
			3457	-1170.4	-449.1	-3205.4	2967.9
-43.17							

		NODE	Vxx	Vyy
	Max	Cent	2.3	22.2
		3458	2.7	18.2
		3427	2.7	28.2
		3426	1.9	28.2
		3457	1.9	18.2
	Min	Cent	-1.6	-54.0
		3458	-2.2	-49.4
		3427	-2.2	-59.1
		3426	-1.1	-59.1
		3457	-1.1	-49.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	251.9	1030.6	-103.0	1348.0	112.2
-61.71								
			3458	129.5	602.4	-118.0	1100.7	32.7
-54.38								
			3427	366.0	1456.1	-118.3	1791.5	173.7
-64.12								
			3426	374.3	1458.8	-87.8	1643.3	199.3
-69.13								
			3457	137.9	605.1	-87.6	912.6	51.9
-57.79								
		Min	Cent	46.8	180.4	-589.8	431.5	-206.8
-51.06								
			3458	23.8	116.7	-695.7	385.7	-368.8
-69.02								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.92	3427	64.4	243.2	-691.5	527.5	-219.9
-54.56	3426	64.0	242.9	-483.9	426.6	-119.6
-49.79	3457	28.6	116.5	-488.1	335.3	-203.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

73.22	Max Cent	1130.2	17916.6	6469.5	19657.3	-819.0
77.69	3458	2739.8	22571.9	5751.8	23632.6	289.6
80.12	3427	329.0	30375.9	6131.7	31318.5	-147.4
64.31	3426	76.6	10321.5	6898.8	13404.8	-132.3
63.55	3457	1851.0	9577.4	6518.9	12490.1	719.6
-7.95	Min Cent	-792.6	-20145.4	-2845.7	232.8	-20542.8
-3.48	3458	-2076.5	-36692.8	-2200.0	-553.0	-36826.7
-3.50	3427	-143.0	-43739.6	-2679.0	79.9	-43903.4
84.67	3426	-175.8	-258.9	-3399.2	2676.5	-6146.9
-43.17	3457	-1170.4	-449.1	-3205.4	2967.9	-5853.2

	NODE	Vxx	Vyy
Max	Cent	2.3	22.2
	3458	2.7	18.2
	3427	2.7	28.2
	3426	1.9	28.2
	3457	1.9	18.2
Min	Cent	-1.6	-54.0
	3458	-2.2	-49.4
	3427	-2.2	-59.1
	3426	-1.1	-59.1
	3457	-1.1	-49.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4172	2	21	c mob-a	Max Cent	186.7	132.6	2.7	186.8	132.4
2.85				3489	247.1	76.0	2.9	247.2	75.9
0.98				3458	292.2	241.8	3.2	292.4	241.6
3.64				3457	128.1	189.3	2.6	189.4	128.0
87.59				3488	81.2	25.6	2.3	81.3	25.5
2.40				Min Cent	-2.0	-2.9	-224.4	221.9	-226.9
-44.94				3489	-2.4	-3.0	-203.9	201.2	-206.6
-44.96				3458	-3.3	-4.0	-285.3	281.7	-289.0
-44.97				3457	-1.7	-3.9	-245.0	242.2	-247.8
-44.87				3488	-0.9	-9.8	-163.5	158.3	-168.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.22

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	335.5	3385.3	1703.1	4146.4	-425.6
65.92		3489	497.1	4179.2	1435.6	4672.7	3.5
71.03		3458	395.5	5404.6	1659.2	5904.4	-104.2
73.24		3457	454.1	2423.5	1940.4	3614.8	-737.2
58.45		3488	425.8	2562.5	1718.3	3517.5	-529.1
60.94	Min	Cent	-486.8	-667.9	-473.0	-95.8	-1059.0
-39.58		3489	-654.3	-1742.7	-382.5	-533.3	-1863.7
-17.55		3458	-566.4	-812.4	-493.8	-180.5	-1198.3
-38.00		3457	-593.6	-253.0	-549.7	152.2	-998.7
-53.61		3488	-567.5	-662.9	-499.0	-113.9	-1116.5
-42.27							

		NODE	Vxx	Vyy
Max	Cent		0.6	4.0
		3489	0.6	3.5
		3458	0.6	5.2
		3457	0.7	5.2
		3488	0.7	3.5
Min	Cent		-0.6	-2.2
		3489	-0.6	-2.9
		3458	-0.6	-2.1
		3457	-0.7	-2.1
		3488	-0.7	-2.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	184.8	134.8	3.0	185.0	134.6
3.45			3489	243.7	77.6	3.2	243.7	77.5
1.09			3458	289.5	243.6	4.2	289.9	243.2
5.18			3457	126.0	192.1	3.0	192.2	125.9
87.37			3488	80.2	27.9	2.0	80.3	27.9
2.24		Min	Cent	-3.3	-4.2	-225.5	221.7	-229.2
-44.94			3489	-4.0	-4.7	-205.7	201.4	-210.1
-44.95			3458	-5.3	-5.6	-285.6	280.1	-291.1
-44.98			3457	-2.6	-5.4	-245.2	241.2	-249.2
-44.84			3488	-1.3	-9.3	-165.3	160.1	-170.7
-44.31								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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              Max   Cent      783.8      8070.6      2382.7      8780.6      73.9
73.41
              3489      1433.0      11079.0      2102.7      11517.4      994.5
78.22
              3458      862.0      13470.8      2176.4      13835.9      496.9
80.48
              3457      768.7      4636.7      2912.0      6198.4      -793.0
61.80
              3488      587.0      4647.8      2653.6      5958.7      -723.9
63.71
              Min   Cent      -809.2      -633.3      -930.8      213.7      -1656.2
-47.70
              3489      -955.3      -1617.3      -544.0      -649.5      -1923.1
-29.34
              3458      -1129.2      -763.7      -991.7      62.0      -1954.9
-50.22
              3457      -816.4      -256.8      -1210.2      705.4      -1778.7
-51.51
              3488      -836.6      -676.8      -933.9      180.6      -1694.0
-47.44
    
```

```

              NODE      Vxx      Vyy
-----
              Max   Cent      1.2      10.3
              3489      1.8      9.3
              3458      1.8      12.4
              3457      0.8      12.4
              3488      0.8      9.3
              Min   Cent      -1.0      -1.6
              3489      -1.0      -2.2
              3458      -1.0      -1.5
              3457      -1.1      -1.5
              3488      -1.1      -2.2
    
```

```

              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
              pp      Cent      542.7      371.2      -644.5      1107.1      -193.2
-41.21
              3489      719.7      208.0      -579.6      1097.5      -169.8
-33.09
              3458      854.5      694.4      -827.6      1605.9      -57.0
-42.24
              3457      365.7      534.5      -709.3      1164.4      -264.2
-48.39
              3488      231.0      48.1      -461.4      609.9      -330.8
-39.39
    
```

```

              NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
              Cent      -602.8      1455.8      3783.1      4347.1      -3494.1
52.61
              3489      -1086.5      -1080.9      2981.1      1897.4      -4064.8
45.03
              3458      -590.6      4921.9      3677.0      6761.0      -2429.7
63.43
              3457      -525.0      1628.1      4406.2      5087.4      -3984.3
51.86
              3488      -209.2      354.1      3710.4      3793.5      -3648.6
47.17
    
```

```

              NODE      Vxx      Vyy
-----
              Cent      -0.1      1.2
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

3489      -0.5      -1.9
3458      -0.5       4.3
3457       0.3       4.3
3488       0.3      -1.9
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
67.31	vento -y	Cent	-5.9	0.6	3.3	2.0	-7.3
77.08		3489	-8.1	2.3	2.5	2.9	-8.6
60.61		3458	-9.5	-3.0	5.4	0.1	-12.6
54.11		3457	-3.8	-1.1	4.1	1.9	-6.8
79.71		3488	-2.4	4.2	1.2	4.4	-2.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-62.47	Cent	-0.3	44.2	-31.8	60.7	-16.8
-79.34	3489	10.3	117.5	-20.9	121.5	6.4
-69.00	3458	-3.0	69.2	-32.5	81.7	-15.4
-39.09	3457	-1.5	-18.2	-40.0	31.0	-50.7
-52.36	3488	-6.9	8.0	-28.4	29.9	-28.8

```

NODE      Vxx      Vyy
Cent      0.0      0.1
3489      0.0      0.1
3458      0.0      0.1
3457     -0.0      0.1
3488     -0.0      0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.72	cedime~1	Cent	-18.3	-15.8	49.9	32.9	-67.0
51.41		3489	-23.8	-1.5	49.0	37.6	-62.9
44.20		3458	-33.6	-37.0	59.5	24.3	-94.8
40.18		3457	-12.9	-30.2	50.9	30.1	-73.1
47.95		3488	-3.0	5.3	40.4	41.7	-39.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.51	Cent	1066.1	-19601.6	-2771.7	1431.4	-19966.9
-5.70	3489	-640.6	-31166.0	-3079.6	-333.0	-31473.6
	3458	2009.1	-39982.4	-1952.2	2099.7	-40072.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.66							
		3457	804.1	-3420.2	-2793.9	2194.4	-4810.5
-26.46							
		3488	2091.9	-3838.0	-3921.2	4042.9	-5789.0
-26.45							

NODE	Vxx	Vyy
Cent	-0.7	-41.9
3489	-2.6	-35.9
3458	-2.6	-48.0
3457	1.3	-48.0
3488	1.3	-35.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	161.4	122.4	-206.2	349.1	-65.2
-42.30		3489	212.7	69.4	-188.1	342.3	-60.2
-34.58		3458	255.2	222.9	-261.7	501.2	-23.1
-43.23		3457	110.1	175.4	-224.4	369.5	-83.9
-49.14		3488	67.6	22.0	-150.8	197.3	-107.7
-40.69							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-232.1	3326.6	1440.0	3836.2	-741.8
70.51	3489	-473.5	2417.0	1197.1	2848.4	-905.0
70.18	3458	-115.5	4386.4	1381.3	4776.4	-505.5
74.23	3457	-235.3	3317.9	1592.0	3926.8	-844.2
69.07	3488	-104.2	3185.0	1407.8	3705.3	-624.5
69.72						

NODE	Vxx	Vyy
Cent	-0.1	0.2
3489	-0.4	-1.0
3458	-0.4	1.4
3457	0.1	1.4
3488	0.1	-1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	413.4	304.4	-152.2	647.9	180.6
-43.87		3489	546.3	174.2	-134.8	621.8	126.8
-22.32		3458	649.7	551.7	-196.5	879.1	362.5
-44.27		3457	283.1	434.7	-169.4	693.6	155.2
-46.59		3488	177.3	65.0	-107.3	412.4	-0.7
-42.82	Min	Cent	138.7	100.9	-510.6	503.1	-374.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.35			3489	183.5	61.6	-465.8	543.8	-336.2
-40.84			3458	214.4	178.3	-647.3	768.3	-415.8
-37.77			3457	93.7	138.0	-555.4	519.6	-418.8
-55.82			3488	62.9	8.8	-373.9	240.0	-337.7
-31.51								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1892.1	14221.9	4656.6	15681.6	-633.7
72.60			3489	1461.0	17373.6	4035.8	18338.6	495.9
76.55			3458	3057.3	22571.9	4319.5	23406.4	213.7
79.07			3457	1606.6	9577.4	5523.1	12243.7	328.7
64.23			3488	2780.2	9459.6	4990.2	11717.5	2422.9
65.66		Min	Cent	-1324.6	-17176.8	-2588.3	128.7	-17563.9
-8.51			3489	-2403.7	-31101.6	-2616.8	-2167.0	-31338.3
-5.17			3458	-1640.0	-36692.8	-1909.8	467.2	-36790.9
-2.94			3457	-1337.5	-449.1	-2835.7	2344.7	-3327.2
-45.43			3488	-1233.6	-1566.6	-3774.2	2277.5	-4318.3
87.60								

			NODE	Vxx	Vyy
	Max	Cent		1.6	14.1
		3489		2.0	11.6
		3458		2.0	18.2
		3457		2.5	18.2
		3488		2.5	11.6
	Min	Cent		-2.2	-44.8
		3489		-4.3	-40.8
		3458		-4.3	-49.4
		3457		-1.4	-49.4
		3488		-1.4	-40.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	732.7	501.1	-152.2	1494.6	180.6
-41.21			3489	971.7	280.8	-134.8	1481.6	126.8
-33.09			3458	1153.5	937.4	-196.5	2167.9	362.5
-42.24			3457	493.7	721.5	-169.4	1571.9	155.2
-48.39			3488	311.8	65.0	-107.3	823.3	-0.7
-39.39		Min	Cent	138.7	100.9	-870.0	503.1	-374.1
-35.35			3489	183.5	61.6	-782.5	543.8	-336.2
-40.84			3458	214.4	178.3	-1117.2	768.3	-415.8
-37.77								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-55.82		3457	93.7	138.0	-957.5	519.6	-418.8
-31.51		3488	62.9	8.8	-622.8	240.0	-446.6

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

72.60	Max	Cent	1892.1	14221.9	5107.2	15681.6	-633.7
76.55		3489	1461.0	17373.6	4035.8	18338.6	495.9
79.07		3458	3057.3	22571.9	4963.9	23406.4	213.7
64.23		3457	1606.6	9577.4	5948.4	12243.7	328.7
65.66		3488	2780.2	9459.6	5009.0	11717.5	2422.9
-8.51	Min	Cent	-1324.6	-17176.8	-2588.3	128.7	-17563.9
-5.17		3489	-2403.7	-31101.6	-2616.8	-2167.0	-31338.3
-2.94		3458	-1640.0	-36692.8	-1909.8	467.2	-36790.9
-45.43		3457	-1337.5	-449.1	-2835.7	2344.7	-5378.8
87.60		3488	-1233.6	-1566.6	-3774.2	2277.5	-4925.6

		NODE	Vxx	Vyy
Max	Cent		1.6	14.1
	3489		2.0	11.6
	3458		2.0	18.2
	3457		2.5	18.2
	3488		2.5	11.6
Min	Cent		-2.2	-44.8
	3489		-4.3	-40.8
	3458		-4.3	-49.4
	3457		-1.4	-49.4
	3488		-1.4	-40.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
4209	2	21	c mob-a	Max	Cent	1.1	0.2	29.0	29.6
44.55					4635	1.0	0.1	30.4	31.0
44.58					4605	1.0	0.2	27.6	28.2
44.54					4604	1.1	0.2	27.5	28.2
44.52					4634	1.1	0.2	30.5	31.2
44.56				Min	Cent	-337.5	-44.3	-24.0	-42.3
-85.35					4635	-335.1	-46.4	-23.0	-44.6
-85.47					4605	-333.6	-41.3	-25.1	-39.2
-85.13					4604	-340.1	-43.8	-25.1	-41.7
-85.18					4634	-341.7	-48.9	-23.0	-47.1
-85.54									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	6935.5	46381.5	6141.5	47315.5	6001.4
81.35		4635	6393.7	38259.5	5755.9	39267.4	5385.9
80.07		4605	6433.5	33881.6	6971.0	35550.5	4764.5
76.54		4604	12988.1	66601.0	5625.9	67185.0	12404.2
84.07		4634	13265.8	62423.6	3611.4	62687.5	13001.9
85.82	Min	Cent	-2247.8	-5684.2	-9084.7	5279.7	-13211.7
-39.65		4635	-2360.3	-8465.5	-9993.0	5035.9	-15861.7
-36.51		4605	-2328.0	-7584.9	-8559.9	3997.9	-13910.8
-36.46		4604	-5557.1	-4142.4	-6465.7	1654.5	-11354.0
-48.12		4634	-5907.4	-3262.9	-7841.1	3366.6	-12536.9
-49.79							

		NODE	Vxx	Vyy
	Max	Cent	9.9	18.4
		4635	5.8	23.0
		4605	5.8	14.4
		4604	14.0	14.4
		4634	14.0	23.0
	Min	Cent	-9.8	-61.6
		4635	-5.9	-62.4
		4605	-5.9	-66.2
		4604	-13.8	-66.2
		4634	-13.8	-62.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	0.8	0.1	32.4	32.8	-31.9
44.70			4635	0.8	0.1	34.9	35.4	-34.4
44.75			4605	0.8	0.1	30.0	30.4	-29.5
44.69			4604	0.8	0.1	30.1	30.6	-29.6
44.67			4634	0.8	0.1	35.0	35.5	-34.5
44.72		Min	Cent	-347.0	-49.2	-33.0	-45.6	-350.7
-83.75			4635	-342.5	-50.9	-31.3	-47.6	-345.8
-83.95			4605	-340.7	-44.8	-34.7	-40.8	-344.7
-83.41			4604	-351.7	-48.9	-34.9	-44.9	-355.6
-83.51			4634	-353.8	-55.0	-31.5	-51.7	-357.1
-84.05								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	7088.0	42471.6	4215.0	42966.7	6592.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.30			4635	7299.7	46128.5	3941.4	46524.5	6903.6
84.26			4605	7314.9	42533.6	5344.8	43326.9	6521.6
81.56			4604	11045.9	44292.8	4220.1	44820.1	10518.6
82.88			4634	11423.0	40405.8	2467.6	40614.4	11214.4
85.17								
-33.48	Min	Cent		-2258.4	-8452.2	-7278.9	2555.1	-13265.7
-29.94			4635	-2696.7	-12387.6	-8353.0	2114.4	-17198.8
-29.43			4605	-2644.3	-11007.5	-6922.2	1261.3	-14913.1
-40.20			4604	-4288.0	-6161.9	-5534.7	388.5	-10838.4
-44.84			4634	-4783.6	-4859.8	-6895.1	2073.6	-11716.9

		NODE	Vxx	Vyy
Max	Cent		9.0	20.4
		4635	7.0	26.5
		4605	7.0	18.1
		4604	11.1	18.1
		4634	11.1	26.5
Min	Cent		-9.0	-22.2
		4635	-7.0	-25.4
		4605	-7.0	-24.8
		4604	-10.9	-24.8
		4634	-10.9	-25.4

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	-814.6	-78.3	18.8	-77.8	-815.1
88.54							
		4635	-802.2	-74.6	26.6	-73.6	-803.1
87.91							
		4605	-802.0	-73.8	10.8	-73.6	-802.1
89.15							
		4604	-827.0	-82.0	10.9	-81.8	-827.1
89.16							
		4634	-827.2	-82.8	26.8	-81.8	-828.2
87.94							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	1144.0	19332.5	-1484.2	19452.8	1023.7
-85.37							
		4635	827.9	26402.4	-1987.5	26555.9	674.3
-85.58							
		4605	869.5	23822.0	-900.4	23857.2	834.2
-87.76							
		4604	1399.3	14618.8	-936.5	14684.8	1333.3
-85.97							
		4634	1479.3	12486.8	-2023.6	12847.0	1119.1
-79.91							

		NODE	Vxx	Vyy
		Cent	0.0	15.2
		4635	-0.0	18.3
		4605	-0.0	12.1

PROJECT TITLE :

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		4604	0.1	12.1			
		4634	0.1	18.3			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	19.7	1.6	-1.9	19.9	1.4
-6.06		4635	18.2	1.2	-2.9	18.7	0.7
-9.27		4605	18.2	1.2	-1.0	18.3	1.1
-3.38		4604	21.1	2.1	-1.0	21.2	2.1
-3.04		4634	21.1	2.1	-2.9	21.6	1.7
-8.38							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	18.6	470.7	-28.8	472.6	16.8
-86.37		4635	8.4	662.6	-44.8	665.6	5.4
-86.10		4605	11.2	605.2	-12.2	605.4	10.9
-88.82		4604	26.9	339.1	-11.8	339.5	26.4
-87.84		4634	28.1	276.1	-44.3	283.8	20.4
-80.17							
		NODE	Vxx	Vyy			

		Cent	-0.0	0.4			
		4635	-0.0	0.5			
		4605	-0.0	0.3			
		4604	0.0	0.3			
		4634	0.0	0.5			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	51.7	7.8	-1.8	51.7	7.7
-2.32		4635	48.0	6.7	-4.1	48.4	6.3
-5.57		4605	48.0	6.5	0.6	48.0	6.5
0.77		4604	55.3	8.9	0.5	55.3	8.9
0.64		4634	55.4	9.1	-4.1	55.7	8.7
-5.04							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-68.9	-1941.5	55.8	-67.3	-1943.1
1.70		4635	-29.7	-2593.6	115.5	-24.5	-2598.8
2.57		4605	-43.9	-2446.8	-2.8	-43.9	-2446.8
-0.07		4604	-102.4	-1460.9	-6.8	-102.4	-1461.0

PROJECT TITLE :

	Company		Client	
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-0.29
5.42

NODE	Vxx	Vyy
Cent	0.0	-1.5
4635	0.0	-1.7
4605	0.0	-1.3
4604	0.0	-1.3
4634	0.0	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.76	perm	Cent	-254.2	-24.2	5.0	-24.1	-254.4
87.99		4635	-249.5	-22.5	8.0	-22.3	-249.8
89.48		4605	-249.6	-22.9	2.1	-22.8	-249.7
89.51		4604	-258.9	-25.9	2.0	-25.9	-259.0
88.06		4634	-258.9	-25.6	7.9	-25.3	-259.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.18	Cent	189.9	3764.8	-239.6	3780.7	173.9
-85.63	4635	168.8	3623.3	-265.6	3643.6	148.5
-86.53	4605	169.5	3278.4	-189.2	3289.9	158.1
-87.08	4604	225.6	4171.6	-201.9	4181.9	215.3
-85.82	4634	195.8	3985.7	-278.4	4006.1	175.4

NODE	Vxx	Vyy
Cent	-0.0	-0.8
4635	-0.0	-0.5
4605	-0.0	-1.2
4604	-0.0	-1.2
4634	-0.0	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
76.55	INV TO~1 Max	Cent	-201.1	-16.2	48.7	-5.0	-212.3
75.53		4635	-200.1	-15.7	55.1	-2.5	-213.3
77.46		4605	-200.2	-16.2	43.1	-6.6	-209.8
77.52		4604	-202.2	-16.8	43.1	-7.2	-211.7
75.61		4634	-202.0	-16.3	55.1	-3.2	-215.1
-86.43	Min	Cent	-722.8	-90.6	-41.3	-88.1	-725.2
		4635	-711.9	-91.2	-38.3	-89.3	-713.8

PROJECT TITLE :

	Company		Client	
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-86.85			4605	-709.5	-83.4	-44.7	-80.2	-712.7
-85.94			4604	-733.7	-91.9	-45.1	-88.7	-736.9
-86.00			4634	-736.5	-99.8	-38.7	-97.9	-738.4
-86.90								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	9758.7	66379.7	8107.2	67502.4	8636.0
82.06			4635	10023.3	65896.8	7620.4	66887.3	9032.9
82.48			4605	10044.6	60698.8	9221.7	62325.4	8418.0
80.00			4604	17759.6	94082.9	7393.0	94792.4	17050.1
84.52			4634	18104.7	88257.6	4708.5	88557.6	17804.7
86.27		Min	Cent	-2927.8	-9587.2	-12503.8	6628.2	-19143.2
-37.51			4635	-3501.5	-15693.5	-13756.1	5343.3	-24538.3
-32.96			4605	-3444.1	-14028.6	-11747.8	4148.4	-21621.2
-32.87			4604	-7378.9	-5607.9	-8937.4	2487.8	-15474.5
-47.83			4634	-7878.9	-3839.5	-10863.9	5081.2	-16799.6
-50.32								

			NODE	Vxx	Vyy
	Max	Cent		13.3	26.7
		4635		9.4	35.3
		4605		9.4	23.3
		4604		18.9	23.3
		4634		18.9	35.3
	Min	Cent		-13.3	-85.5
		4635		-9.5	-86.5
		4605		-9.5	-91.8
		4604		-18.7	-91.8
		4634		-18.7	-86.5

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	-201.1	-16.2	48.7	-5.0	-212.3
76.55				4635	-200.1	-15.7	55.1	-2.5	-213.3
75.53				4605	-200.2	-16.2	43.1	-6.6	-209.8
77.46				4604	-202.2	-16.8	43.1	-7.2	-211.7
77.52				4634	-202.0	-16.3	55.1	-3.2	-215.1
75.61			Min	Cent	-1099.7	-105.7	-41.3	-105.0	-1100.3
88.54				4635	-1082.9	-100.7	-38.3	-99.4	-1084.3
87.91				4605	-1082.6	-99.6	-44.7	-99.4	-1082.9
89.15				4604	-1116.4	-110.7	-45.1	-110.4	-1116.6
89.16									

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE										
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin			
87.94		4634	-1116.7	-111.7	-38.7	-110.4	-1118.0			

		Max	Cent	9758.7	66379.7	8107.2	67502.4	8636.0		
82.06		4635	10023.3	65896.8	7620.4	66887.3	9032.9			
82.48		4605	10044.6	60698.8	9221.7	62325.4	8418.0			
80.00		4604	17759.6	94082.9	7393.0	94792.4	17050.1			
84.52		4634	18104.7	88257.6	4708.5	88557.6	17804.7			
86.27		Min	Cent	-2927.8	-9587.2	-12503.8	6628.2	-19143.2		
-37.51		4635	-3501.5	-15693.5	-13756.1	5343.3	-24538.3			
-32.96		4605	-3444.1	-14028.6	-11747.8	4148.4	-21621.2			
-32.87		4604	-7378.9	-5607.9	-8937.4	2487.8	-15474.5			
-47.83		4634	-7878.9	-3839.5	-10863.9	5081.2	-16799.6			
-50.32										
		NODE	Vxx	Vyy						
		Max	Cent	13.3	26.7					
			4635	9.4	35.3					
			4605	9.4	23.3					
			4604	18.9	23.3					
			4634	18.9	35.3					
		Min	Cent	-13.3	-85.5					
			4635	-9.5	-86.5					
			4605	-9.5	-91.8					
			4604	-18.7	-91.8					
			4634	-18.7	-86.5					
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

4210	2	21	c mob-a	Max	Cent	1.1	0.4	26.0	26.8	-25.3
44.60					4664	1.0	2.9	29.6	31.6	-27.6
45.90					4635	1.1	0.2	25.6	26.2	-25.0
44.51					4634	1.2	0.2	23.5	24.2	-22.8
44.42					4663	1.1	1.7	27.4	28.8	-26.0
45.30				Min	Cent	-337.8	-41.8	-26.0	-39.6	-340.1
-85.02					4664	-332.3	-35.4	-24.1	-33.5	-334.3
-85.39					4635	-335.7	-46.8	-26.9	-44.3	-338.2
-84.73					4634	-343.5	-49.6	-28.5	-46.9	-346.2
-84.50					4663	-340.0	-37.7	-25.6	-35.5	-342.1
-85.20										
ANGLE										
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

83.38	Max	Cent	4861.7	47950.5	5071.6	48539.4	4272.9
			4664	5217.8	44777.0	6274.5	4246.5
81.20			4635	6104.0	38259.5	5652.0	39224.1
80.32			4634	13282.4	62423.6	4033.9	62752.5
85.34			4663	10071.8	62779.0	3496.6	63009.9
86.22							
-41.58	Min	Cent	-3594.9	-6339.6	-11455.1	6569.8	-16504.3
			4664	-3945.5	-10153.3	-10102.8	3519.5
-36.46			4635	-2570.1	-8465.5	-11827.3	6671.3
-38.00			4634	-5187.8	-3262.9	-10325.9	6145.3
-47.66			4663	-10998.5	-3990.2	-8544.2	1740.4
-56.15							

		NODE	Vxx	Vyy
	Max	Cent	8.5	23.7
		4664	5.2	25.1
		4635	5.2	23.0
		4634	11.9	23.0
		4663	11.9	25.1
	Min	Cent	-12.3	-53.9
		4664	-6.7	-54.7
		4635	-6.7	-62.4
		4634	-17.9	-62.4
		4663	-17.9	-54.7

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

44.84	c mob-b	Max	Cent	0.8	0.4	30.4	31.0	-29.8
			4664	0.7	4.0	34.5	36.9	-32.1
46.34			4635	0.8	0.2	28.9	29.3	-28.4
44.71			4634	0.8	0.2	26.8	27.3	-26.3
44.64			4663	0.8	2.3	32.2	33.8	-30.6
45.67								
-83.37		Min	Cent	-347.9	-46.8	-35.5	-42.7	-352.0
			4664	-339.8	-39.6	-32.0	-36.2	-343.2
-83.98			4635	-343.6	-51.4	-36.9	-46.8	-348.2
-82.91			4634	-356.1	-55.9	-39.4	-50.8	-361.2
-82.65			4663	-352.3	-43.2	-34.2	-39.5	-356.0
-83.75								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

85.87		Max	Cent	4921.6	43776.0	2822.6	43979.9	4717.6
			4664	5984.8	55604.6	4583.3	56024.4	5565.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

84.77							
		4635	7009.8	46128.5	3363.2	46415.5	6722.8
85.12							
		4634	11431.3	40405.8	2253.6	40580.0	11257.1
85.58							
		4663	7751.9	40009.3	2520.8	40205.1	7556.1
85.56							
	Min	Cent	-3589.5	-9419.9	-9720.2	3643.2	-16652.6
-36.65							
		4664	-4260.7	-14950.2	-8587.0	509.1	-19719.9
-29.05							
		4635	-2900.6	-12387.6	-10220.5	3623.5	-18911.8
-32.55							
		4634	-4349.2	-4859.8	-9425.5	4824.5	-14033.4
-44.22							
		4663	-9690.3	-5929.4	-7715.2	131.2	-15750.9
-51.85							

	NODE	Vxx	Vyy
Max	Cent	7.3	25.9
	4664	6.3	34.5
	4635	6.3	26.5
	4634	8.6	26.5
	4663	8.6	34.5
Min	Cent	-11.5	-18.8
	4664	-7.9	-22.8
	4635	-7.9	-25.4
	4634	-15.3	-25.4
	4663	-15.3	-22.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-817.4	-58.0	8.6	-57.9	-817.5
		4664	-794.9	-29.1	23.3	-28.3	-795.6
89.35							
		4635	-808.0	-76.5	3.1	-76.5	-808.0
88.26							
		4634	-839.9	-86.9	-6.1	-86.9	-840.0
89.76							
		4663	-826.8	-39.5	14.1	-39.2	-827.1
-89.53							
88.98							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-249.8	20916.0	-2622.3	21236.0	-569.8
	4664	-372.5	30735.4	-1498.3	30807.4	-444.5
-83.04						
	4635	545.5	26402.4	-2736.2	26688.7	259.2
-87.25						
	4634	1502.2	12486.8	-3209.2	13355.7	633.3
-84.03						
	4663	-2674.2	14039.2	-1971.4	14268.6	-2903.6
-74.85						
-83.36						

	NODE	Vxx	Vyy
	Cent	-2.0	20.1
	4664	-0.7	21.9
	4635	-0.7	18.3
	4634	-3.3	18.3
	4663	-3.3	21.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.47	vento -y	Cent	19.7	0.8	-1.1	19.7	0.8
-7.14		4664	17.8	-0.6	-2.3	18.1	-0.9
-1.00		4635	18.3	1.2	-0.3	18.3	1.2
0.14		4634	21.5	2.3	0.0	21.5	2.3
-5.49		4663	21.0	0.5	-2.0	21.2	0.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-83.18		Cent	-20.9	507.2	-64.0	514.9	-28.5
-87.57		4664	-25.3	773.2	-34.0	774.7	-26.8
-84.26		4635	1.6	662.6	-67.1	669.3	-5.1
-73.67		4634	28.6	276.1	-79.3	299.3	5.4
-83.58		4663	-88.3	316.9	-46.2	322.1	-93.5
		NODE	Vxx	Vyy			
		Cent	-0.1	0.6			
		4664	-0.0	0.6			
		4635	-0.0	0.5			
		4634	-0.1	0.5			
		4663	-0.1	0.6			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.13	cedime~1	Cent	51.6	6.1	-1.7	51.6	6.1
-5.83		4664	47.1	3.0	-4.6	47.6	2.5
0.60		4635	48.1	6.7	0.4	48.2	6.7
1.43		4634	56.0	9.3	1.2	56.1	9.3
-4.39		4663	55.0	5.5	-3.8	55.3	5.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
5.24		Cent	56.7	-2050.8	194.9	74.6	-2068.6
2.03		4664	75.2	-2945.2	107.4	79.0	-2949.0
4.35		4635	-10.8	-2593.6	197.6	4.2	-2608.6
11.07		4634	-101.3	-1264.6	236.7	-55.0	-1310.9
		4663	263.8	-1399.8	146.5	276.6	-1412.6

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4.99

NODE	Vxx	Vyy
Cent	0.2	-1.9
4664	0.1	-2.0
4635	0.1	-1.7
4634	0.3	-1.7
4663	0.3	-2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.50	perm	Cent	-255.5	-17.2	2.1	-17.1	-255.5
88.24		4664	-247.4	-7.2	7.4	-6.9	-247.6
-89.98		4635	-251.8	-23.3	-0.1	-23.3	-251.8
-89.22		4634	-263.7	-27.2	-3.2	-27.1	-263.7
89.02		4663	-259.2	-11.0	4.3	-11.0	-259.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-85.74	Cent	74.1	3916.7	-287.9	3938.2	52.6
-87.23	4664	73.6	4035.0	-191.8	4044.2	64.3
-85.05	4635	135.7	3623.3	-304.4	3649.7	109.4
-84.90	4634	200.2	3985.7	-340.5	4016.1	169.8
-86.86	4663	-113.3	4022.7	-227.8	4035.2	-125.8

NODE	Vxx	Vyy
Cent	-0.1	-0.2
4664	-0.0	0.0
4635	-0.0	-0.5
4634	-0.2	-0.5
4663	-0.2	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
78.33	INV TO~1 Max	Cent	-202.5	-10.4	43.1	-1.9	-211.0
76.87		4664	-198.9	1.1	53.9	12.6	-210.4
78.54		4635	-202.3	-16.3	39.3	-8.3	-210.2
80.05		4634	-206.1	-17.6	34.1	-11.6	-212.0
78.16		4663	-202.7	-2.3	47.7	6.9	-211.9
-85.96	Min	Cent	-725.2	-80.4	-47.5	-77.2	-728.4
-86.83		4664	-706.1	-60.6	-40.4	-58.7	-708.1
		4635	-715.7	-92.7	-49.9	-88.8	-719.6

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-85.45			4634	-744.4	-102.6	-56.4	-97.7	-749.3
-85.02			4663	-734.8	-69.4	-45.8	-66.8	-737.4
-86.40								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	6774.9	68649.9	6753.6	69336.9	6031.3
84.02			4664	8228.3	79101.2	8386.2	80054.5	7208.3
83.43			4635	9598.9	65896.8	7523.3	66834.5	8661.3
82.71			4634	18131.4	88257.6	5341.9	88627.3	17761.7
85.86			4663	13747.4	88774.3	4639.1	89041.4	13456.3
86.60		Min	Cent	-4779.0	-10850.9	-15752.4	8069.8	-23643.0
-39.43			4664	-5678.3	-19092.9	-13830.6	2943.2	-27639.2
-31.91			4635	-3790.9	-15693.5	-16271.3	7397.9	-26882.3
-34.84			4634	-6904.7	-3839.5	-14280.5	8755.1	-19499.3
-48.11			4663	-14961.3	-5381.7	-11762.4	2475.5	-22554.6
-55.93								

			NODE	Vxx	Vyy
	Max	Cent	4664	11.5	34.8
			4664	8.5	46.5
			4635	8.5	35.3
			4634	16.1	35.3
			4663	16.1	46.5
	Min	Cent	4664	-16.7	-74.9
			4664	-10.7	-75.8
			4635	-10.7	-86.5
			4634	-24.5	-86.5
			4663	-24.5	-75.8

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	INV TO~2	Max	Cent	-202.5	-10.4	43.1	-1.9	-211.0
78.33			4664	-198.9	1.1	53.9	12.6	-210.4
76.87			4635	-202.3	-16.3	39.3	-8.3	-210.2
78.54			4634	-206.1	-17.6	34.1	-11.6	-212.0
80.05			4663	-202.7	-2.3	47.7	6.9	-211.9
78.16		Min	Cent	-1103.5	-80.4	-47.5	-78.2	-1103.6
89.35			4664	-1073.1	-60.6	-40.4	-58.7	-1074.0
-86.83			4635	-1090.8	-103.3	-49.9	-103.3	-1090.8
89.76			4634	-1133.9	-117.4	-56.4	-117.3	-1134.0
-89.53			4663	-1116.2	-69.4	-45.8	-66.8	-1116.5
-86.40								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	6774.9	68649.9	6753.6	69336.9	6031.3
84.02		4664	8228.3	79101.2	8386.2	80054.5	7208.3
83.43		4635	9598.9	65896.8	7523.3	66834.5	8661.3
82.71		4634	18131.4	88257.6	5341.9	88627.3	17761.7
85.86		4663	13747.4	88774.3	4639.1	89041.4	13456.3
86.60							
	Min	Cent	-4779.0	-10850.9	-15752.4	8069.8	-23643.0
-39.43		4664	-5678.3	-19092.9	-13830.6	2943.2	-27639.2
-31.91		4635	-3790.9	-15693.5	-16271.3	7397.9	-26882.3
-34.84		4634	-6904.7	-3839.5	-14280.5	8755.1	-19499.3
-48.11		4663	-14961.3	-5381.7	-11762.4	2475.5	-22554.6
-55.93							

		NODE	Vxx	Vyy
	Max	Cent	11.5	34.8
		4664	8.5	46.5
		4635	8.5	35.3
		4634	16.1	35.3
		4663	16.1	46.5
	Min	Cent	-16.7	-74.9
		4664	-10.7	-75.8
		4635	-10.7	-86.5
		4634	-24.5	-86.5
		4663	-24.5	-75.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
				-----	-----	-----	-----	-----	-----	
4249	2	14	c mob-a	Max	Cent	270.7	125.4	378.6	583.6	-187.5
					5925	453.5	440.8	378.6	825.8	68.5
39.57					5890	453.5	11.9	378.6	671.0	-205.6
44.52					5889	89.1	11.9	378.6	431.1	-330.1
29.87					5924	89.1	440.8	378.6	682.4	-152.5
42.09										
57.46				Min	Cent	-4.4	-42.4	-7.5	-3.0	-43.8
					5925	-8.5	-40.7	-7.5	-6.9	-42.4
-10.81					5890	-8.5	-210.4	-7.5	-8.3	-210.7
-12.54					5889	-14.7	-210.4	-7.5	-14.4	-210.7
-2.13					5924	-14.7	-40.7	-7.5	-12.7	-42.7
-2.20										
-15.04										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----

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	Max	Cent	15810.4	36411.0	5316.8	37702.3	14519.2
76.35		5925	18838.9	26194.3	7143.0	30550.7	14482.5
58.62		5890	4960.6	25033.9	5273.1	26334.8	3659.7
76.14		5889	18443.3	53614.9	4654.2	54220.3	17837.9
82.59		5924	31774.9	50319.9	4975.8	51570.6	30524.2
75.89	Min	Cent	-6050.7	-638.0	-9772.4	6795.9	-13484.5
-52.74		5925	-3076.9	-1955.3	-9245.4	6746.3	-11778.5
-46.74		5890	-5596.2	-2387.0	-11969.9	8085.4	-16068.6
-48.82		5889	-10598.0	-425.6	-9045.7	4865.8	-15889.4
-59.67		5924	-12798.5	-191.7	-6846.0	2810.8	-15801.1
-66.32							

	NODE	Vxx	Vyy
Max	Cent	22.7	11.7
	5925	16.7	13.0
	5890	16.7	12.5
	5889	29.1	12.5
	5924	29.1	13.0
Min	Cent	-9.3	-43.0
	5925	-3.1	-45.0
	5890	-3.1	-49.6
	5889	-16.9	-49.6
	5924	-16.9	-45.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
40.96	c mob-b	Max	Cent	275.2	158.3	411.1	632.0	-198.5
45.70			5925	462.9	483.0	411.1	884.2	61.7
30.60			5890	462.9	11.1	411.1	706.1	-232.1
42.27			5889	89.6	11.1	411.1	463.3	-362.7
57.79			5924	89.6	483.0	411.1	742.0	-169.5
-13.19		Min	Cent	-2.9	-31.2	-7.0	-1.2	-32.8
-21.96			5925	-4.8	-19.3	-7.0	-1.9	-22.2
-2.04			5890	-4.8	-201.6	-7.0	-4.5	-201.8
-2.14			5889	-13.7	-201.6	-7.0	-13.4	-201.8
-33.99			5924	-13.7	-19.3	-7.0	-8.9	-24.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
78.80		Max	Cent	10149.8	34500.3	5018.6	35494.1	9156.0
77.62			5925	6887.6	21679.2	3412.2	22428.4	6138.4
			5890	6080.5	50600.1	4835.4	51119.3	5561.4

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83.87							
		5889	18805.5	49719.3	7901.1	51621.7	16903.1
76.46							
		5924	18703.0	37982.9	4982.1	39194.2	17491.7
76.33							
	Min	Cent	-5746.3	-971.7	-9156.0	6103.2	-12821.1
-52.31							
		5925	-2164.4	-1120.0	-9741.9	8113.7	-11398.1
-46.53							
		5890	-7298.6	-3218.4	-10520.6	5458.1	-15975.1
-50.49							
		5889	-9235.9	-1781.0	-8695.1	3951.9	-14968.8
-56.60							
		5924	-7986.1	-806.4	-6843.9	3332.0	-12124.5
-58.84							

		NODE	Vxx	Vyy
	Max	Cent	14.3	24.6
		5925	13.2	10.7
		5890	13.2	43.8
		5889	19.5	43.8
		5924	19.5	10.7
	Min	Cent	-8.3	-40.3
		5925	-1.7	-35.4
		5890	-1.7	-49.7
		5889	-18.2	-49.7
		5924	-18.2	-35.4

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
	pp	Cent	765.6	277.2	1015.6	1565.9	-523.1
		5925	1280.5	1084.7	1015.6	2202.9	162.3
		5890	1280.5	-530.2	1015.6	1735.7	-985.4
		5889	250.7	-530.2	1015.6	948.3	-1227.8
		5924	250.7	1084.7	1015.6	1765.5	-430.2

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
		Cent	-631.9	3247.7	-5201.4	6859.2	-4243.5
		5925	-189.1	6178.2	-4893.0	8832.1	-2843.0
		5890	-2148.8	110.4	-4375.8	3500.0	-5538.5
		5889	-59.2	2611.3	-5386.0	6825.1	-4273.0
		5924	-130.6	4090.8	-5903.2	8249.3	-4289.2

		NODE	Vxx	Vyy
		Cent	-0.2	0.2
		5925	0.2	3.0
		5890	0.2	-2.7
		5889	-0.6	-2.7
		5924	-0.6	3.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-73.43	vento -y	Cent	-7.8	3.4	-3.7	4.5	-8.9
-69.15		5925	-13.0	-4.8	-3.7	-3.4	-14.4
-81.70		5890	-13.0	11.5	-3.7	12.1	-13.5
-76.37		5889	-2.6	11.5	-3.7	12.4	-3.5
-36.91		5924	-2.6	-4.8	-3.7	0.1	-7.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

56.66		Cent	10.1	45.7	41.4	72.9	-17.2
57.69		5925	27.8	64.0	38.2	88.1	3.6
70.43		5890	22.3	109.2	35.4	121.8	9.8
50.75		5889	-6.0	12.0	44.3	48.3	-42.2
45.47		5924	-3.9	-2.3	47.1	44.0	-50.2
ANGLE		NODE	Vxx	Vyy			

		Cent	0.0	0.1			
		5925	0.0	0.1			
		5890	0.0	0.1			
		5889	0.0	0.1			
		5924	0.0	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-50.59	cedime~1	Cent	-16.3	19.8	-91.2	94.8	-91.2
-47.37		5925	-38.8	-23.7	-91.2	60.3	-122.8
-59.61		5890	-38.8	63.3	-91.2	116.8	-92.3
-53.67		5889	6.3	63.3	-91.2	130.4	-60.8
-40.33		5924	6.3	-23.7	-91.2	83.8	-101.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

9.88		Cent	-1876.2	-18956.2	3068.2	-1341.7	-19490.6
6.00		5925	-9313.9	-38599.3	3113.5	-8986.5	-38926.7
4.04		5890	-2157.4	-31679.7	2095.9	-2009.4	-31827.7
22.57		5889	2928.3	-2571.3	2762.8	4076.5	-3719.5
31.02		5924	1038.3	-2974.5	3780.5	3311.8	-5248.0

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NODE	Vxx	Vyy
Cent	-3.7	-43.3
5925	-5.5	-46.9
5890	-5.5	-39.8
5889	-1.9	-39.8
5924	-1.9	-46.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.51	perm	Cent	233.8	108.5	322.9	500.1	-157.7
44.34		5925	392.7	377.9	322.9	708.2	62.3
24.70		5890	392.7	-160.8	322.9	541.2	-309.3
34.97		5889	75.0	-160.8	322.9	300.8	-386.7
57.56		5924	75.0	377.9	322.9	583.0	-130.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-62.91	Cent	-15.6	2886.9	-2010.8	3915.5	-1044.2
-66.01	5925	584.4	4042.4	-1918.4	4896.0	-269.2
-63.99	5890	-796.7	1991.6	-1785.9	2863.1	-1668.2
-61.54	5889	82.3	2729.6	-2031.3	3830.4	-1018.5
-61.06	5924	67.6	2784.1	-2163.7	3980.6	-1128.9

NODE	Vxx	Vyy
Cent	0.4	0.5
5925	0.8	1.6
5890	0.8	-0.7
5889	-0.0	-0.7
5924	-0.0	1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
40.42	INV TO~1 Max	Cent	605.4	342.1	877.8	1353.0	-91.0
45.20		5925	1017.6	1029.9	877.8	1901.6	205.8
28.25		5890	1017.6	-81.6	877.8	1489.2	-444.1
39.51		5889	202.2	-81.6	877.8	919.8	-473.4
57.71		5924	202.2	1029.9	877.8	1584.8	-71.0
36.20	Min	Cent	211.6	51.3	221.5	373.7	-425.4
42.22		5925	342.4	299.3	221.5	543.3	38.0
15.73		5890	342.4	-444.9	221.5	404.7	-616.4
		5889	55.1	-444.9	221.5	153.1	-868.7

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22.49			5924	55.1	299.3	221.5	431.7	-358.9
59.12								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----			-----	-----	-----	-----	-----	-----
		Max	Cent	21328.5	52041.8	8235.0	52887.7	20482.6
80.70			5925	26016.9	39404.7	10838.1	42932.2	22489.4
65.46			5890	7412.1	70301.8	7428.6	70750.8	6963.1
85.19			5889	28398.0	75109.7	11398.1	76568.9	25628.5
80.41			5924	44002.1	70715.9	8342.5	71446.6	42233.0
80.90		Min	Cent	-10060.2	-17381.0	-15203.5	-1045.3	-26395.9
-36.61			5925	-12883.3	-37196.5	-15070.0	-7988.8	-42091.1
-22.26			5890	-12807.1	-34032.9	-17945.4	-4345.4	-42494.6
-28.10			5889	-14225.0	-2246.1	-14243.0	5568.5	-22943.3
-55.76			5924	-17210.4	-1279.1	-11405.9	1932.6	-22571.4
-67.16								

			NODE	Vxx	Vyy
		Max	Cent	31.0	33.7
			5925	23.4	19.2
			5890	23.4	58.4
			5889	39.3	58.4
			5924	39.3	19.2
		Min	Cent	-15.9	-100.9
			5925	-8.8	-106.0
			5890	-8.8	-107.5
			5889	-26.6	-107.5
			5924	-26.6	-106.0

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE			-----	-----	-----	-----	-----	-----	-----	
			INV TO~2	Max	Cent	1033.6	374.3	1371.0	2114.0	-91.0
38.24					5925	1728.7	1464.3	1371.0	2973.9	219.1
42.25					5890	1728.7	-81.6	1371.0	2343.2	-444.1
24.14					5889	338.4	-81.6	1371.0	1280.1	-473.4
34.49					5924	338.4	1464.3	1371.0	2383.4	-71.0
56.16				Min	Cent	211.6	51.3	221.5	373.7	-706.2
36.20					5925	342.4	299.3	221.5	543.3	38.0
42.22					5890	342.4	-715.8	221.5	404.7	-1330.2
15.73					5889	55.1	-715.8	221.5	153.1	-1657.5
22.49					5924	55.1	299.3	221.5	431.7	-580.7
59.12										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

		Max	Cent	21328.5	52041.8	8235.0	52887.7	20482.6
80.70			5925	26016.9	39404.7	10838.1	42932.2	22489.4
65.46			5890	7412.1	70301.8	7428.6	70750.8	6963.1
85.19			5889	28398.0	75109.7	11398.1	76568.9	25628.5
80.41			5924	44002.1	70715.9	8342.5	71446.6	42233.0
80.90		Min	Cent	-10060.2	-17381.0	-15203.5	-1045.3	-26395.9
-36.61			5925	-12883.3	-37196.5	-15070.0	-7988.8	-42091.1
-22.26			5890	-12807.1	-34032.9	-17945.4	-4345.4	-42494.6
-28.10			5889	-14225.0	-2246.1	-14243.0	5568.5	-22943.3
-55.76			5924	-17210.4	-1279.1	-11405.9	1932.6	-22571.4
-67.16								

		NODE	Vxx	Vyy
Max	Cent		31.0	33.7
	5925		23.4	19.2
	5890		23.4	58.4
	5889		39.3	58.4
	5924		39.3	19.2
Min	Cent		-15.9	-100.9
	5925		-8.8	-106.0
	5890		-8.8	-107.5
	5889		-26.6	-107.5
	5924		-26.6	-106.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4250	2	14	c mob-a	Max	Cent	74.6	575.3	267.4	691.3	-41.4
66.55					5961	56.2	770.7	267.4	859.7	-32.8
71.59					5925	56.2	381.7	267.4	532.0	-94.1
60.66					5924	95.9	381.7	267.4	542.0	-64.5
59.06					5960	95.9	770.7	267.4	863.8	2.7
70.80				Min	Cent	-2.0	-57.3	-6.8	-1.1	-58.2
-6.90					5961	-6.2	-77.0	-6.8	-5.6	-77.7
-5.44					5925	-6.2	-40.3	-6.8	-4.9	-41.6
-10.87					5924	-2.5	-40.3	-6.8	-1.3	-41.5
-9.90					5960	-2.5	-77.0	-6.8	-1.9	-77.7
-5.17										

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent		11895.8	44874.1	15589.1	51076.7	5693.3
68.30							

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62.30		5961	1487.8	31055.8	21435.8	42311.4	-9767.8
53.45		5925	17653.3	25748.0	13326.3	35628.0	7773.3
69.01		5924	31713.1	50539.1	8468.2	53787.7	28464.6
79.63		5960	2761.3	90254.1	16561.3	93284.0	-268.6
-51.96	Min	Cent	-3330.5	-487.7	-5735.7	4000.0	-7818.3
-34.29		5961	-2014.8	-6514.5	-5733.7	1894.6	-10423.9
-52.58		5925	-4822.4	-1940.1	-5322.3	2132.7	-8895.3
-70.88		5924	-12994.9	-192.5	-5045.4	1556.9	-14744.2
-45.87		5960	-611.5	-267.0	-5661.8	5225.1	-6103.7

	NODE	Vxx	Vyy
Max	Cent	7.2	14.4
	5961	7.6	21.1
	5925	7.6	13.0
	5924	11.1	13.0
	5960	11.1	21.1
Min	Cent	-24.3	-81.0
	5961	-20.2	-117.7
	5925	-20.2	-45.0
	5924	-30.7	-45.0
	5960	-30.7	-117.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
68.28	c mob-b	Max	Cent	79.6	677.5	283.2	790.3	-33.2
73.50			5961	55.2	927.3	283.2	1011.2	-28.7
61.71			5925	55.2	429.0	283.2	581.4	-97.2
59.85			5924	106.0	429.0	283.2	593.5	-58.4
72.71			5960	106.0	927.3	283.2	1015.4	17.9
-15.63		Min	Cent	-1.5	-19.8	-5.6	0.0	-21.3
-12.93			5961	-5.6	-28.5	-5.6	-4.3	-29.8
-19.54			5925	-5.6	-19.3	-5.6	-3.6	-21.2
-15.63			5924	-1.0	-19.3	-5.6	0.6	-20.8
-10.98			5960	-1.0	-28.5	-5.6	0.1	-29.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
87.08	Max	Cent	5953.1	24437.3	945.5	24485.6	5904.9	
87.60			5961	1949.1	20966.8	799.6	21000.4	1915.5
85.98			5925	4421.2	19922.9	1095.5	19999.9	4344.1
			5924	18759.5	38686.2	1744.7	38837.8	18607.9

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85.03			5960	121.2	28443.2	1354.6	28507.8	56.6
87.27								
-48.56	Min	Cent		-2082.3	-724.8	-5427.0	4065.7	-6872.8
-42.31			5961	-96.0	-1123.8	-5454.2	4868.5	-6088.3
-52.07			5925	-4136.9	-1119.7	-5990.9	3549.6	-8806.3
-57.47			5924	-5814.3	-828.4	-5358.9	2589.1	-9231.7
-44.59			5960	-420.3	-567.4	-5122.5	4629.2	-5616.9

	NODE	Vxx	Vyy
Max	Cent	7.0	12.2
	5961	6.4	17.2
	5925	6.4	10.7
	5924	9.6	10.7
	5960	9.6	17.2
Min	Cent	-12.3	-32.2
	5961	-4.7	-31.0
	5925	-4.7	-35.4
	5924	-20.3	-35.4
	5960	-20.3	-31.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	211.3	1290.2	676.4	1615.9	-114.4
64.29		5961	163.0	1662.0	676.4	1922.1	-97.1
68.97		5925	163.0	918.4	676.4	1315.4	-234.0
59.59		5924	259.6	918.4	676.4	1341.3	-163.4
57.98		5960	259.6	1662.0	676.4	1935.1	-13.5
68.02							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-264.8	6410.8	-6540.7	10416.1	-4270.2
-58.52	5961	-55.5	11603.7	-6590.3	14572.8	-3024.6
-65.75	5925	-925.0	5957.4	-5633.1	9117.2	-4084.9
-60.71	5924	18.3	4135.5	-6390.1	8790.4	-4636.6
-53.93	5960	-96.9	3946.4	-7347.3	9545.2	-5695.6
-52.69						

	NODE	Vxx	Vyy
	Cent	-0.5	7.0
	5961	-0.9	11.0
	5925	-0.9	3.0
	5924	-0.1	3.0
	5960	-0.1	11.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	Mxx	Myy	Mxy	Mmax	Mmin

-31.33		5961	-2.3	-5.3	-2.9	-0.6	-7.1
-25.72		5925	-2.9	-7.5	-2.9	-1.5	-8.9
-43.94		5924	-2.9	-3.1	-2.9	-0.1	-5.9
-38.33		5924	-1.8	-3.1	-2.9	0.5	-5.4
-22.54		5960	-1.8	-7.5	-2.9	-0.6	-8.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

49.14		Cent	7.0	21.8	50.7	65.6	-36.8
55.08		5961	-5.2	29.9	47.8	63.3	-38.6
53.79		5925	37.0	66.7	46.9	101.1	2.6
45.89		5924	-6.2	-3.0	51.3	46.7	-56.0
42.50		5960	2.6	-6.6	52.2	50.4	-54.4
		NODE	Vxx	Vyy			

		Cent	-0.0	0.1			
		5961	-0.0	0.1			
		5925	-0.0	0.1			
		5924	0.0	0.1			
		5960	0.0	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-31.10	cedime~1	Cent	-2.1	-70.3	-64.7	36.9	-109.4
-22.16		5961	11.2	-121.2	-64.7	37.6	-147.6
-38.33		5925	11.2	-19.4	-64.7	62.4	-70.6
-44.11		5924	-15.4	-19.4	-64.7	47.3	-82.2
-25.36		5960	-15.4	-121.2	-64.7	15.2	-151.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

13.39		Cent	-1738.6	-23456.7	5479.6	-434.4	-24760.9
7.14		5961	4031.1	-49534.3	6815.2	4884.6	-50387.8
5.71		5925	-12188.9	-39461.8	2755.0	-11913.3	-39737.3
31.33		5924	2274.3	-2603.7	4717.1	5145.7	-5475.0
43.12		5960	-1070.8	-2227.1	8777.4	7147.4	-10445.4
		NODE	Vxx	Vyy			

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Cent	8.6	-58.7
5961	20.9	-70.4
5925	20.9	-46.9
5924	-3.8	-46.9
5960	-3.8	-70.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
66.96	perm	Cent	65.4	488.9	219.8	582.4	-28.0
71.96		5961	47.0	650.5	219.8	722.1	-24.5
61.26		5925	47.0	327.3	219.8	447.9	-73.5
59.49		5924	83.8	327.3	219.8	456.9	-45.7
71.10		5960	83.8	650.5	219.8	725.7	8.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-64.51	Cent	88.3	3843.4	-2317.7	4948.6	-1016.9
-71.01	5961	-20.7	5936.2	-2324.7	6736.1	-820.5
-66.47	5925	211.4	3930.5	-1997.7	4800.2	-658.3
-60.00	5924	175.4	2816.4	-2288.0	4137.6	-1145.8
-58.67	5960	-13.1	2690.4	-2615.0	4282.4	-1605.1

NODE	Vxx	Vyy
Cent	-0.5	3.1
5961	-0.9	4.7
5925	-0.9	1.6
5924	-0.2	1.6
5960	-0.2	4.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
67.81	INV TO~1 Max	Cent	172.9	1403.5	602.1	1649.1	-1.5
72.96		5961	134.1	1902.3	602.1	2086.9	-0.2
61.53		5925	134.1	906.5	602.1	1233.0	-26.3
59.72		5924	227.0	906.5	602.1	1258.1	-14.5
72.15		5960	227.0	1902.3	602.1	2096.2	45.2
66.93	Min	Cent	60.7	341.2	145.9	403.3	-72.7
71.07		5961	38.6	425.2	145.9	475.3	-61.7
62.45		5925	38.6	253.5	145.9	329.6	-203.6
61.43		5924	65.0	253.5	145.9	332.9	-124.6
		5960	65.0	425.2	145.9	476.9	-0.7

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70.49

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
71.10	Max	Cent	16147.6	64423.5	24207.2	70836.5	9734.6
65.18		5961	6641.7	47861.6	33428.9	60167.5	-9695.3
57.30		5925	24043.4	38690.3	18747.8	48956.7	13777.0
64.95		5924	45262.5	71044.2	13861.2	74919.1	40271.0
77.26		5960	3714.7	124533.5	28520.1	128756.2	570.4
-16.19	Min	Cent	-6146.5	-20591.8	-10060.8	-4816.1	-21922.2
-3.45		5961	-2740.7	-52392.6	-10065.2	1486.5	-52588.6
-18.35		5925	-18487.8	-38150.4	-10085.4	-16055.7	-40582.5
-72.94		5924	-17367.7	-905.6	-9522.6	568.8	-21309.0
-59.24		5960	-1909.5	-302.6	-10258.4	578.8	-9808.1

		NODE	Vxx	Vyy
Max	Cent		17.8	22.6
		5961	30.3	33.2
		5925	30.3	19.2
		5924	14.8	19.2
		5960	14.8	33.2
Min	Cent		-33.3	-164.9
		5961	-28.1	-224.7
		5925	-28.1	-106.0
		5924	-45.3	-106.0
		5960	-45.3	-224.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
64.29	INV TO~2	Max	Cent	285.2	1741.8	913.1	2181.5	-1.5
68.97			5961	220.0	2243.7	913.1	2594.8	-0.2
59.59			5925	220.0	1239.8	913.1	1775.8	-26.3
57.98			5924	350.4	1239.8	913.1	1810.8	-14.5
68.02			5960	350.4	2243.7	913.1	2612.3	45.2
66.93		Min	Cent	60.7	341.2	145.9	403.3	-154.5
71.07			5961	38.6	425.2	145.9	475.3	-131.1
62.45			5925	38.6	253.5	145.9	329.6	-315.9
61.43			5924	65.0	253.5	145.9	332.9	-220.5
70.49			5960	65.0	425.2	145.9	476.9	-18.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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71.10		Max	Cent	16147.6	64423.5	24207.2	70836.5	9734.6	
				5961	6641.7	47861.6	33428.9	60167.5	-4083.2
65.18				5925	24043.4	38690.3	18747.8	48956.7	13777.0
57.30				5924	45262.5	71044.2	13861.2	74919.1	40271.0
64.95				5960	3714.7	124533.5	28520.1	128756.2	570.4
77.26									
-16.19		Min	Cent	-6146.5	-20591.8	-10060.8	-4816.1	-21922.2	
				5961	-2740.7	-52392.6	-10065.2	1486.5	-52588.6
-3.45				5925	-18487.8	-38150.4	-10085.4	-16055.7	-40582.5
-18.35				5924	-17367.7	-905.6	-9522.6	568.8	-21309.0
-72.94				5960	-1909.5	-302.6	-10258.4	578.8	-9808.1
-59.24									

		NODE	Vxx	Vyy
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Max	Cent		17.8	22.6
		5961	30.3	33.2
		5925	30.3	19.2
		5924	14.8	19.2
		5960	14.8	33.2
Min	Cent		-33.3	-164.9
		5961	-28.1	-224.7
		5925	-28.1	-106.0
		5924	-45.3	-106.0
		5960	-45.3	-224.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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4251	2	21	c mob-a	Max	Cent	268.3	438.7	3.3	438.7
88.88						3459	333.0	113.7	3.0
						3428	547.1	874.1	5.5
0.78						3427	200.5	763.9	3.8
89.03						3458	2.9	14.9	1.3
89.61									
83.98				Min	Cent	-2.7	-7.5	-299.8	294.7
-44.77						3459	-3.1	-4.1	-213.6
-44.93						3428	-6.0	-13.7	-499.4
-44.78						3427	-2.7	-12.9	-385.0
-44.62						3458	-13.7	-30.7	-99.4
-42.56									
					NODE	Mxx	Myy	Mxy	Mmax
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				Max	Cent	305.1	7996.5	1135.9	8160.8
81.77						3459	376.7	6787.1	766.2
83.28									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.03		3428	523.2	14702.7	989.2	14771.4	454.5
77.99		3427	91.3	7554.4	1662.8	7908.1	-262.4
74.91		3458	513.3	5387.3	1417.2	5769.4	131.1
-22.34	Min	Cent	-415.2	-1212.4	-394.2	-253.2	-1374.4
-13.12		3459	-605.3	-2139.0	-378.1	-517.2	-2227.1
-14.20		3428	-527.9	-2468.4	-524.6	-395.1	-2601.1
-26.97		3427	-50.3	-873.6	-565.4	237.4	-1161.3
-44.35		3458	-754.5	-774.6	-440.5	-324.0	-1205.2

	NODE	Vxx	Vyy
Max	Cent	0.4	8.5
	3459	0.5	4.4
	3428	0.5	16.5
	3427	0.5	16.5
	3458	0.5	4.4
Min	Cent	-0.6	-3.3
	3459	-0.7	-4.3
	3428	-0.7	-4.5
	3427	-0.8	-4.5
	3458	-0.8	-4.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
88.32	c mob-b	Max	Cent	263.6	443.5	5.3	443.7	263.5
1.18			3459	329.2	116.9	4.4	329.3	116.8
88.45			3428	538.6	879.2	9.2	879.5	538.3
89.37			3427	196.9	770.3	6.4	770.4	196.9
84.00			3458	2.9	18.2	1.6	18.4	2.7
-44.71		Min	Cent	-4.7	-10.6	-293.6	285.9	-301.3
-45.01			3459	-5.3	-5.1	-213.9	208.7	-219.1
-44.70			3428	-10.4	-20.6	-487.7	472.3	-503.3
-44.45			3427	-4.3	-19.0	-379.4	367.8	-391.1
-43.19			3458	-15.0	-27.6	-99.5	78.4	-120.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
86.28	Max	Cent	782.0	19212.4	1202.5	19290.5	703.9
87.09		3459	1142.0	18773.8	897.6	18819.4	1096.4
87.84		3428	1705.2	32101.2	1148.2	32144.5	1661.9
83.52		3427	148.8	17681.6	2018.8	17911.1	-80.7
		3458	1250.7	13396.3	1902.9	13687.4	959.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

81.30								
-39.09	Min	Cent	-785.9	-1078.3	-698.6	-218.3	-1645.8	
-44.40			3459	-1667.1	-1713.6	-1112.6	-577.5	-2803.1
-32.58			3428	-999.8	-2194.7	-1290.4	-175.3	-3019.2
-35.85			3427	-157.1	-837.3	-1027.9	585.5	-1579.8
-55.53			3458	-1287.6	-734.5	-718.2	-241.4	-1780.7

	NODE	Vxx	Vyy
Max	Cent	1.1	19.0
	3459	1.5	12.9
	3428	1.5	34.1
	3427	1.3	34.1
	3458	1.3	12.9
Min	Cent	-1.5	-2.9
	3459	-2.7	-5.0
	3428	-2.7	-3.9
	3427	-1.3	-3.9
	3458	-1.3	-5.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-52.64	pp	Cent	780.2	1254.5	-867.7	1916.8	117.8	
-30.79			3459	978.9	310.0	-618.2	-58.4	
-53.95			3428	1593.8	2530.2	-1450.4	538.0	
-62.95			3427	581.4	2199.0	-1117.1	11.0	
-45.62			3458	-33.5	-21.3	-285.0	257.6	-312.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
77.84	Cent	-556.8	10805.8	2568.1	11359.3	-1110.3		
71.96			3459	-492.6	3887.0	1595.2	4406.4	-1012.0
85.05			3428	-850.3	23727.9	2143.3	23913.4	-1035.8
72.20			3427	168.5	10527.5	3707.3	11717.6	-1021.6
67.08			3458	-1053.0	5081.0	3159.1	6417.1	-2389.0

	NODE	Vxx	Vyy
	Cent	-0.4	12.8
	3459	0.4	-2.5
	3428	0.4	28.1
	3427	-1.2	28.1
	3458	-1.2	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Company	Client	File Name	
47.36	vento -y	Cent		
71.17		3459		
42.26		3428		
32.44		3427		
73.53		3458		
		NODE	Mxx	Myy
				Mxy
				Mmax
				Mmin
		Cent	1.3	55.6
		3459	-1.8	135.6
		3428	6.2	-3.6
		3427	-1.3	22.6
		3458	2.3	67.9
		NODE	Vxx	Vyy
		Cent	-0.0	0.0
		3459	-0.0	0.1
		3428	-0.0	-0.1
		3427	0.0	-0.1
		3458	0.0	0.1
		NODE	Fxx	Fyy
				Fxy
				Fmax
				Fmin
		Cent	-38.6	-96.0
		3459	-41.1	-18.7
		3428	-88.6	-190.4
		3427	-36.2	-173.3
		3458	11.4	-1.5
		NODE	Mxx	Myy
				Mxy
				Mmax
				Mmin
		Cent	674.2	-58817.8
		3459	2313.1	-57289.6
		3428	-1064.8	-89390.6
		3427	59.1	-48482.6
		3458	1389.6	-40108.2
		NODE	Vxx	Vyy
		Cent	2.3	-61.8
		3459	3.3	-36.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3428 3.3 -87.0
 3427 1.3 -87.0
 3458 1.3 -36.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-53.90	perm	Cent	236.1	408.4	-268.4	604.1	40.4
-32.32		3459	291.8	106.6	-195.3	415.3	-16.9
-54.95		3428	486.7	810.5	-447.1	1124.1	173.1
-63.90		3427	180.4	710.2	-341.4	877.5	13.1
-48.33		3458	-14.6	6.4	-89.6	86.1	-94.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.12	Cent	-169.2	5588.0	922.1	5732.1	-313.3
77.94	3459	-38.9	2866.2	650.6	3005.3	-178.0
85.03	3428	-368.8	8941.2	816.3	9012.2	-439.8
78.39	3427	69.1	6105.7	1295.2	6371.8	-197.0
77.35	3458	-338.2	4438.9	1129.4	4692.4	-591.8

NODE	Vxx	Vyy
Cent	-0.0	1.3
3459	0.3	-3.3
3428	0.3	6.0
3427	-0.4	6.0
3458	-0.4	-3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-64.02	INV TO~1 Max	Cent	598.3	1007.1	-209.8	1134.4	471.0
-19.23		3459	741.3	264.5	-146.6	807.4	202.6
-65.81		3428	1225.4	1997.4	-348.8	2192.7	1030.1
-76.43		3427	451.1	1750.1	-272.8	1830.5	370.7
-44.98		3458	0.7	30.9	-70.5	189.0	-56.8
-47.46	Min	Cent	191.1	298.1	-673.1	868.6	-379.3
-39.78		3459	243.6	81.1	-484.0	611.0	-300.6
-47.87		3428	384.0	592.3	-1121.3	1528.8	-552.5
-51.55		3427	138.4	511.3	-861.3	1147.4	-497.7
-50.76		3458	-34.8	-36.6	-223.9	87.0	-258.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1560.7	31524.7	2545.5	31734.8	676.4
85.28		3459	3815.8	28210.8	3039.3	28340.0	1373.5
86.03		3428	1933.2	52277.7	3783.0	52388.7	1822.2
87.31		3427	329.0	29975.8	4020.5	30510.4	-144.7
82.43		3458	2739.8	22523.8	3698.3	23151.2	722.8
80.37	Min	Cent	-1230.1	-54866.5	-302.2	-554.2	-54868.2
-0.32		3459	-2289.5	-57311.0	-851.3	25.5	-57312.9
0.33		3428	-2783.3	-83781.8	-925.6	-2780.3	-83784.7
0.35		3427	-143.0	-43556.3	-1179.2	-52.0	-43588.3
-1.55		3458	-2076.5	-36715.1	-1166.6	-649.2	-36752.8
-1.85							

		NODE	Vxx	Vyy
	Max	Cent	3.8	27.0
		3459	5.6	14.0
		3428	5.6	52.0
		3427	2.7	52.0
		3458	2.7	14.0
	Min	Cent	-2.0	-64.9
		3459	-3.4	-46.6
		3428	-3.4	-87.0
		3427	-2.2	-87.0
		3458	-2.2	-46.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	1053.2	1693.5	-209.8	2587.7	471.0
-52.64			3459	1321.5	418.5	-146.6	1818.9	202.6
-30.79			3428	2151.7	3415.8	-348.8	4841.2	1030.1
-53.95			3427	784.9	2968.6	-272.8	3738.7	370.7
-62.95			3458	0.7	30.9	-70.5	347.8	-56.8
-45.62		Min	Cent	191.1	298.1	-1171.4	868.6	-379.3
-47.46			3459	243.6	81.1	-834.6	611.0	-300.6
-39.78			3428	384.0	592.3	-1958.0	1528.8	-552.5
-47.87			3427	138.4	511.3	-1508.2	1147.4	-497.7
-51.55			3458	-45.3	-36.6	-384.7	87.0	-421.8
-50.76								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1560.7	31524.7	3466.9	31734.8	676.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.28							
		3459	3815.8	28210.8	3039.3	28340.0	1373.5
86.03		3428	1933.2	52277.7	3783.0	52388.7	1822.2
87.31		3427	329.0	29975.8	5004.9	30510.4	-144.7
82.43		3458	2739.8	22523.8	4264.8	23151.2	722.8
80.37							
-0.32	Min	Cent	-1230.1	-54866.5	-302.2	-554.2	-54868.2
0.33		3459	-2289.5	-57311.0	-851.3	25.5	-57312.9
0.35		3428	-2783.3	-83781.8	-925.6	-2780.3	-83784.7
-1.55		3427	-143.0	-43556.3	-1179.2	-52.0	-43588.3
-1.85		3458	-2076.5	-36715.1	-1166.6	-649.2	-36752.8

		NODE	Vxx	Vyy
	Max	Cent	3.8	27.0
		3459	5.6	14.0
		3428	5.6	52.0
		3427	2.7	52.0
		3458	2.7	14.0
	Min	Cent	-2.0	-64.9
		3459	-3.4	-46.6
		3428	-3.4	-87.0
		3427	-2.2	-87.0
		3458	-2.2	-46.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4252	2	21	c mob-a	Max	Cent	253.3	82.1	2.3	253.3	82.1
	0.78									
					3490	258.3	76.6	2.8	258.3	76.6
	0.89									
					3459	261.5	89.4	2.2	261.5	89.4
	0.72									
					3458	248.4	87.3	2.0	248.4	87.3
	0.70									
					3489	245.4	75.4	2.5	245.4	75.4
	0.85									
				Min	Cent	-2.5	-5.3	-204.0	200.1	-207.9
	-44.80									
					3490	-2.4	-4.6	-201.9	198.4	-205.4
	-44.84									
					3459	-2.7	-4.7	-211.0	207.2	-214.7
	-44.86									
					3458	-2.7	-6.2	-209.1	204.7	-213.6
	-44.76									
					3489	-2.3	-6.2	-200.4	196.1	-204.6
	-44.72									
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	385.0	4936.5	973.5	5136.0	185.6
	78.42									
					3490	460.6	5441.1	926.5	5607.8	293.8
	79.80									
					3459	468.7	6787.1	796.9	6886.0	369.7
	82.92									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

77.34		3458	396.9	5387.3	1180.7	5652.5	131.6
72.92		3489	498.5	4089.6	1218.8	4464.2	124.0
-16.04	Min	Cent	-531.6	-1552.6	-320.0	-439.6	-1644.6
-7.03		3490	-499.8	-3230.4	-342.1	-457.6	-3272.6
-12.57		3459	-794.3	-2139.0	-315.4	-724.0	-2209.3
-37.12		3458	-566.8	-774.6	-368.4	-288.0	-1053.4
-18.53		3489	-658.8	-1624.5	-364.8	-536.5	-1746.8

	NODE	Vxx	Vyy
Max	Cent	0.6	4.0
	3490	0.9	4.4
	3459	0.9	4.4
	3458	0.6	4.4
	3489	0.6	4.3
Min	Cent	-0.5	-3.9
	3490	-0.6	-4.2
	3459	-0.6	-4.3
	3458	-0.6	-4.3
	3489	-0.6	-4.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.91	c mob-b	Max	Cent	246.1	85.1	2.6	246.1	85.0
1.04			3490	250.6	78.9	3.1	250.7	78.9
0.91			3459	253.8	92.4	2.6	253.8	92.3
0.80			3458	246.0	90.9	2.2	246.1	90.8
0.93			3489	242.9	78.3	2.7	242.9	78.3
-44.85		Min	Cent	-3.8	-5.9	-204.0	199.2	-208.9
-44.80			3490	-3.4	-6.2	-202.9	198.1	-207.7
-44.89			3459	-4.1	-5.6	-207.2	202.3	-212.0
-44.85			3458	-4.3	-6.5	-205.1	199.7	-210.5
-44.78			3489	-3.8	-6.8	-201.2	195.9	-206.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
85.09	Max	Cent	1018.6	13957.5	1118.7	14053.5	922.6
85.59			3490	1349.0	15979.7	1135.9	1261.3
86.66			3459	1382.7	18773.8	1017.8	1323.3
83.55			3458	860.8	13396.3	1434.7	698.7
81.71			3489	1440.4	10954.1	1415.8	1234.2
	Min	Cent	-919.4	-1216.0	-448.4	-595.5	-1539.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.85							
		3490	-1278.2	-2757.0	-805.3	-924.4	-3110.9
-23.72							
		3459	-1367.7	-1713.6	-773.9	-747.6	-2333.7
-38.70							
		3458	-1133.5	-734.5	-506.7	-389.4	-1478.5
-55.74							
		3489	-961.3	-1522.1	-470.8	-693.7	-1789.7
-29.61							

	NODE	Vxx	Vyy
Max	Cent	1.9	11.9
	3490	2.3	12.7
	3459	2.3	12.9
	3458	1.8	12.9
	3489	1.8	12.5
Min	Cent	-1.4	-3.4
	3490	-2.1	-3.6
	3459	-2.1	-5.0
	3458	-1.0	-5.0
	3489	-1.0	-3.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	736.6	214.1	-586.3	1117.2	-166.6
-32.99		3490	748.6	200.1	-574.5	1110.9	-162.2
-32.24		3459	759.1	238.1	-602.9	1155.3	-158.1
-33.31		3458	724.6	226.8	-597.2	1122.6	-171.3
-33.69		3489	714.8	191.6	-570.9	1081.2	-174.7
-32.69							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-856.1	1423.5	1888.3	2489.3	-1921.9
60.56	3490	-299.6	-2392.1	1698.1	648.6	-3340.4
29.18	3459	-1443.0	3887.0	1650.5	4356.7	-1912.7
74.11	3458	-581.5	5081.0	2486.1	6017.7	-1518.1
69.36	3489	-1097.9	-887.0	2348.3	1358.3	-3343.1
46.29						

	NODE	Vxx	Vyy
	Cent	0.3	-2.3
	3490	1.2	-1.4
	3459	1.2	-2.5
	3458	-0.5	-2.5
	3489	-0.5	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-8.2	3.5	3.1	4.2	-8.9
76.11							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

78.21		3490	-8.4	4.3	2.8	4.9	-9.0
73.67		3459	-9.0	2.4	3.6	3.4	-10.0
73.96		3458	-7.9	2.7	3.3	3.6	-8.9
78.46		3489	-7.4	4.5	2.5	5.0	-8.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-83.43		Cent	4.1	126.6	-14.3	128.2	2.4
-85.65		3490	0.7	188.3	-14.3	189.4	-0.4
-84.08		3459	7.8	135.6	-13.4	137.0	6.4
-75.04		3458	-3.0	67.9	-20.4	73.3	-8.5
-81.14		3489	10.5	114.6	-16.6	117.2	7.9

	NODE	Vxx	Vyy
	Cent	0.0	0.1
	3490	-0.0	0.1
	3459	-0.0	0.1
	3458	0.0	0.1
	3489	0.0	0.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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49.95	cedime~1	Cent	-22.3	-9.0	38.1	23.0	-54.2
49.55		3490	-16.9	-3.4	42.2	32.6	-52.9
48.09		3459	-19.2	-11.5	35.4	20.3	-50.9
50.47		3458	-27.4	-14.2	34.2	14.0	-55.6
51.48		3489	-25.3	-6.7	40.5	25.5	-57.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-1.15		Cent	621.2	-44373.1	-906.1	639.4	-44391.3
0.33		3490	678.8	-49241.3	287.3	680.5	-49243.0
-0.03		3459	550.3	-57289.6	-28.2	550.3	-57289.6
-1.44		3458	1998.8	-40108.2	-1056.2	2025.2	-40134.7
-3.39		3489	-685.6	-30856.7	-1791.7	-579.6	-30962.8

	NODE	Vxx	Vyy
	Cent	-1.3	-38.9
	3490	0.1	-40.4
	3459	0.1	-36.5
	3458	-2.7	-36.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3489 -2.7 -42.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-34.59	perm	Cent	216.6	76.0	-184.9	344.1	-51.5
-34.08		3490	217.1	69.7	-183.9	341.5	-54.7
-34.95		3459	220.9	83.4	-187.8	352.2	-47.9
-35.07		3458	216.1	81.8	-185.8	346.5	-48.6
-34.25		3489	212.6	69.1	-182.1	336.6	-54.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
75.78		Cent	-273.1	2606.0	779.4	2803.5	-470.5
54.39		3490	39.0	628.2	866.6	1248.9	-581.7
79.46		3459	-529.5	2866.2	654.7	2988.1	-651.3
78.66		3458	-112.9	4438.9	951.5	4629.7	-303.8
73.04		3489	-482.5	2488.1	998.8	2792.7	-787.1

	NODE	Vxx	Vyy
	Cent	0.1	-3.4
	3490	0.6	-3.2
	3459	0.6	-3.3
	3458	-0.4	-3.3
	3489	-0.4	-3.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-22.31	INV TO~1 Max	Cent	558.6	190.9	-143.4	633.0	131.2
-21.34		3490	565.8	176.2	-137.4	636.0	127.9
-22.61		3459	573.9	208.1	-149.0	650.7	142.8
-23.25		3458	551.4	204.5	-148.6	630.0	133.7
-22.03		3489	543.8	174.9	-138.0	616.1	120.3
-40.62	Min	Cent	189.2	59.1	-460.3	551.4	-326.1
-40.30		3490	195.6	57.9	-457.8	548.0	-327.1
-40.71		3459	196.3	64.4	-472.6	572.5	-332.1
-40.93		3458	182.9	58.9	-468.1	559.2	-331.4
-40.57		3489	182.1	53.2	-453.7	535.8	-325.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		Max	Cent	1723.2	21448.7	2289.6	21703.2	847.5	
83.66				3490	2539.0	22200.8	2687.5	22480.1	1580.8
83.36				3459	1887.4	28210.8	2028.7	28363.1	1184.8
85.71				3458	3048.0	22523.8	2888.3	22905.5	667.5
82.47				3489	1462.1	17276.1	2910.2	17794.6	943.5
79.90		Min	Cent	-1514.3	-43863.0	-731.9	-880.6	-43875.5	
-0.98				3490	-1686.6	-52974.2	-220.5	-1663.1	-52974.3
-6.08				3459	-2375.8	-57311.0	-418.2	-1822.4	-57314.2
-0.43				3458	-1643.1	-36715.1	-788.8	372.5	-36731.9
-1.22				3489	-2465.8	-30561.7	-1428.5	-2393.4	-30634.2
-2.90									

		NODE	Vxx	Vyy
	Max	Cent	2.7	12.6
		3490	3.8	14.0
		3459	3.8	14.0
		3458	2.0	14.0
		3489	2.0	13.0
	Min	Cent	-3.1	-47.7
		3490	-2.3	-49.3
		3459	-2.3	-46.6
		3458	-4.4	-46.6
		3489	-4.4	-52.2

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
ANGLE										

		INV TO~2	Max	Cent	994.4	289.0	-143.4	1508.2	131.2	
-32.99					3490	1010.6	270.1	-137.4	1499.7	127.9
-32.24					3459	1024.8	321.4	-149.0	1559.7	142.8
-33.31					3458	978.2	306.1	-148.6	1515.5	133.7
-33.69					3489	965.0	258.7	-138.0	1459.6	120.3
-32.69			Min	Cent	189.2	59.1	-791.5	551.4	-326.1	
-40.62					3490	195.6	57.9	-775.5	548.0	-327.1
-40.30					3459	196.3	64.4	-813.9	572.5	-332.1
-40.71					3458	182.9	58.9	-806.2	559.2	-331.4
-40.93					3489	182.1	53.2	-770.7	535.8	-325.9
-40.57										

			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE									

		Max	Cent	1723.2	21448.7	2549.2	21703.2	847.5	
83.66				3490	2539.0	22200.8	2687.5	22480.1	1580.8

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83.36							
		3459	1887.4	28210.8	2228.2	28363.1	1184.8
85.71							
		3458	3048.0	22523.8	3356.3	22905.5	667.5
82.47							
		3489	1462.1	17276.1	3170.3	17794.6	943.5
79.90							
	Min	Cent	-1514.3	-43863.0	-731.9	-880.6	-43875.5
-0.98							
		3490	-1686.6	-52974.2	-220.5	-1663.1	-52974.3
-6.08							
		3459	-2375.8	-57311.0	-418.2	-1822.4	-57314.2
-0.43							
		3458	-1643.1	-36715.1	-788.8	372.5	-36731.9
-1.22							
		3489	-2465.8	-30561.7	-1428.5	-2393.4	-30634.2
-2.90							

	NODE	Vxx	Vyy
Max	Cent	2.7	12.6
	3490	3.8	14.0
	3459	3.8	14.0
	3458	2.0	14.0
	3489	2.0	13.0
Min	Cent	-3.1	-47.7
	3490	-2.3	-49.3
	3459	-2.3	-46.6
	3458	-4.4	-46.6
	3489	-4.4	-52.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4289	2	21	c mob-a	Max	Cent	1.0	0.2	29.9	30.5	-29.3
44.60					4636	1.0	0.2	30.8	31.4	-30.2
44.61					4606	1.0	0.2	29.6	30.2	-29.0
44.61					4605	1.0	0.2	29.3	29.9	-28.7
44.60					4635	1.0	0.2	30.4	31.0	-29.8
44.61				Min	Cent	-333.8	-43.0	-24.1	-41.0	-335.8
-85.29					4636	-334.4	-45.4	-23.8	-43.4	-336.3
-85.33					4606	-333.0	-42.1	-24.6	-40.0	-335.1
-85.19					4605	-333.7	-42.6	-24.6	-40.5	-335.7
-85.20					4635	-334.8	-45.8	-23.7	-43.9	-336.7
-85.34										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	4294.9	34409.9	5498.2	35382.3	3322.5
79.97					4636	4494.2	44641.8	3975.8	45031.7	4104.3
84.40					4606	5286.3	34997.9	5589.6	36014.6	4269.6
79.69					4605	6433.5	33522.7	7028.7	35237.8	4718.4
76.29										

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80.58		4635	6393.7	37760.7	5349.8	38648.1	5506.4
-29.34	Min	Cent	-1278.4	-10236.5	-7360.2	2858.5	-14373.4
-12.99		4636	-2710.1	-32277.9	-7203.7	-1048.4	-33939.6
-9.81		4606	-2238.8	-33099.3	-5503.3	-1286.8	-34051.3
-35.47		4605	-2328.0	-7591.0	-7614.3	3096.7	-13015.7
-36.11		4635	-2360.3	-8440.5	-9478.1	4553.3	-15354.1

	NODE	Vxx	Vyy
Max	Cent	5.1	16.1
	4636	5.0	21.1
	4606	5.0	13.6
	4605	5.8	13.6
	4635	5.8	21.1
Min	Cent	-5.7	-64.4
	4636	-6.1	-66.2
	4606	-6.1	-69.7
	4605	-5.9	-69.7
	4635	-5.9	-66.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.72	c mob-b	Max	Cent	0.8	0.1	30.8	31.3	-30.4
44.75		4636	0.7	0.2	32.6	33.1	-32.2	
44.71		4606	0.7	0.1	29.6	30.1	-29.2	
44.71		4605	0.8	0.2	29.5	29.9	-29.0	
44.75		4635	0.8	0.2	32.6	33.0	-32.1	
-83.98		Min	Cent	-340.2	-48.3	-31.1	-45.0	-343.5
-84.11		4636	-339.5	-50.5	-30.1	-47.4	-342.7	
-83.78		4606	-337.9	-46.4	-32.2	-42.8	-341.5	
-83.79		4605	-341.3	-47.6	-32.3	-44.1	-344.8	
-84.12		4635	-342.6	-51.9	-30.3	-48.8	-345.7	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
80.44	Max	Cent	4610.7	38452.9	5867.7	39441.4	3622.2	
84.23		4636	5295.2	50157.6	4583.0	50621.0	4831.8	
79.63		4606	6128.9	40793.8	6561.4	41994.1	4928.5	
79.31		4605	7314.9	42891.7	6966.3	44207.1	5999.5	
82.70		4635	7299.7	46363.2	5085.7	47014.4	6648.4	
-25.63		Min	Cent	-1354.8	-13717.9	-7702.8	2340.1	-17412.8
		4636	-3314.9	-37028.4	-8116.7	-1462.5	-38880.8	

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-12.86		4606	-2774.3	-37083.9	-6201.7	-1687.7	-38170.5
-9.94		4605	-2644.3	-11033.5	-7339.8	1615.0	-15292.7
-30.13		4635	-2696.7	-12362.7	-9435.9	3071.9	-18131.3
-31.44							

	NODE	Vxx	Vyy
Max	Cent	6.2	21.8
	4636	6.2	29.7
	4606	6.2	19.4
	4605	7.0	19.4
	4635	7.0	29.7
Min	Cent	-6.8	-92.4
	4636	-7.3	-97.7
	4606	-7.3	-99.3
	4605	-7.0	-99.3
	4635	-7.0	-97.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.50	pp	Cent	-797.3	-71.8	19.0	-71.3	-797.8
88.12		4636	-792.6	-69.4	23.7	-68.7	-793.3
88.85		4606	-793.0	-71.1	14.5	-70.8	-793.3
88.88		4605	-802.0	-74.1	14.3	-73.8	-802.3
88.15		4635	-801.6	-72.4	23.5	-71.6	-802.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.12	Cent	720.5	28163.7	-903.7	28193.5	690.8
-88.04	4636	293.4	33815.7	-1150.9	33855.2	253.9
-89.20	4606	891.4	28544.1	-386.7	28549.5	886.0
-88.08	4605	869.5	23899.5	-772.0	23925.3	843.6
-86.57	4635	827.9	26395.6	-1536.1	26487.6	735.9

	NODE	Vxx	Vyy
	Cent	-0.3	12.8
	4636	-0.5	15.8
	4606	-0.5	9.9
	4605	-0.0	9.9
	4635	-0.0	15.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.42	vento -y	Cent	17.5	1.2	-1.9	17.7	1.0
-9.39		4636	16.7	0.9	-2.7	17.1	0.5

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.69	perm	Cent	-247.8	-22.3	5.2	-22.1	-247.9
88.18		4636	-245.8	-21.2	7.1	-20.9	-246.0
89.15		4606	-246.0	-22.1	3.3	-22.1	-246.1
89.19		4605	-249.8	-23.4	3.2	-23.3	-249.8
88.23		4635	-249.5	-22.4	7.0	-22.2	-249.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.55		Cent	160.0	2661.4	-151.2	2670.5	150.9
-85.56		4636	99.7	2206.9	-164.5	2219.6	87.0
-85.30		4606	202.1	1531.3	-110.1	1540.4	193.1
-87.06		4605	169.5	3284.9	-160.4	3293.2	161.3
-86.46		4635	168.8	3622.4	-214.7	3635.6	155.5
		NODE	Vxx	Vyy			
		Cent	-0.0	-3.4			
		4636	-0.1	-3.0			
		4606	-0.1	-3.7			
		4605	-0.0	-3.7			
		4635	-0.0	-3.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
77.02	INV TO~1 Max	Cent	-200.0	-14.4	46.8	-4.0	-210.4
76.48		4636	-200.0	-14.0	51.2	-2.5	-211.4
77.34		4606	-200.3	-15.0	43.8	-5.1	-210.2
77.42		4605	-199.9	-14.8	43.5	-5.1	-209.6
76.52		4635	-199.6	-13.8	51.0	-2.4	-210.9
-86.61	Min	Cent	-707.1	-87.5	-38.4	-85.3	-709.3
-86.89		4636	-704.2	-89.4	-37.2	-87.5	-706.0
-86.30		4606	-702.3	-84.7	-40.1	-82.1	-704.9
-86.30		4605	-710.5	-87.7	-40.5	-85.0	-713.1
-86.88		4635	-712.0	-92.4	-37.5	-90.6	-713.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Max	Cent	6384.4	54572.8	7799.4	55794.8	5162.5
81.06							
		4636	7248.8	69919.7	6083.5	70493.2	6674.7
84.56		4606	8476.2	56602.9	8747.7	58143.6	6935.5
80.01		4605	10044.6	61188.7	9328.4	62837.0	8396.3
79.98		4635	10023.3	66212.6	7092.7	67073.3	9162.6
83.00	Min	Cent	-1690.8	-18707.3	-10549.9	3331.5	-23729.6
-25.52		4636	-4375.3	-51131.8	-11122.1	-1890.1	-53616.5
-12.66		4606	-3557.4	-51531.0	-8510.8	-2092.3	-52996.1
-9.77		4605	-3444.1	-14065.7	-10443.8	2961.6	-20471.4
-31.52		4635	-3501.5	-15660.5	-13010.1	4702.3	-23864.3
-32.40							

	NODE	Vxx	Vyy
Max	Cent	8.3	26.1
	4636	8.3	37.1
	4606	8.3	22.4
	4605	9.4	22.4
	4635	9.4	37.1
Min	Cent	-9.2	-129.5
	4636	-9.9	-136.5
	4606	-9.9	-138.9
	4605	-9.5	-138.9
	4635	-9.5	-136.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	-200.0	-14.4	46.8	-4.0	-210.4
77.02			4636	-200.0	-14.0	51.2	-2.5	-211.4
76.48			4606	-200.3	-15.0	43.8	-5.1	-210.2
77.34			4605	-199.9	-14.8	43.5	-5.1	-209.6
77.42			4635	-199.6	-13.8	51.0	-2.4	-210.9
76.52		Min	Cent	-1076.3	-96.9	-38.4	-96.2	-1077.0
88.50			4636	-1069.9	-93.8	-37.2	-92.7	-1071.0
88.12			4606	-1070.6	-96.0	-40.1	-95.6	-1071.0
88.85			4605	-1082.7	-100.0	-40.5	-99.6	-1083.1
88.88			4635	-1082.1	-97.7	-37.5	-96.7	-1083.1
88.15								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	6384.4	54572.8	7799.4	55794.8	5162.5
81.06			4636	7248.8	69919.7	6083.5	70493.2
84.56			4606	8476.2	56602.9	8747.7	58143.6

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80.01				4605	10044.6	61188.7	9328.4	62837.0	8396.3
79.98				4635	10023.3	66212.6	7092.7	67073.3	9162.6
83.00									
-25.52		Min	Cent	4606	-1690.8	-18707.3	-10549.9	3331.5	-23729.6
-12.66				4636	-4375.3	-51131.8	-11122.1	-1890.1	-53616.5
-9.77				4606	-3557.4	-51531.0	-8510.8	-2092.3	-52996.1
-31.52				4605	-3444.1	-14065.7	-10443.8	2961.6	-20471.4
-32.40				4635	-3501.5	-15660.5	-13010.1	4702.3	-23864.3

	NODE	Vxx	Vyy
Max	Cent	8.3	26.1
	4636	8.3	37.1
	4606	8.3	22.4
	4605	9.4	22.4
	4635	9.4	37.1
Min	Cent	-9.2	-129.5
	4636	-9.9	-136.5
	4606	-9.9	-138.9
	4605	-9.5	-138.9
	4635	-9.5	-136.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4290	2	21	c mob-a	Max	Cent	1.0	0.4	27.5	28.2	-26.8
44.67					4665	1.0	1.3	29.2	30.3	-28.0
45.17					4636	1.0	0.3	27.0	27.7	-26.4
44.61					4635	1.1	0.3	26.1	26.7	-25.4
44.56					4664	1.1	1.2	28.2	29.3	-27.1
45.05				Min	Cent	-333.6	-42.0	-26.1	-39.7	-335.9
-84.93					4665	-332.0	-38.4	-25.7	-36.2	-334.3
-85.03					4636	-334.0	-45.6	-27.0	-43.1	-336.5
-84.70					4635	-335.4	-46.3	-27.4	-43.7	-338.0
-84.62					4664	-333.4	-39.0	-25.4	-36.9	-335.6
-85.11										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	3470.9	41818.6	5221.3	42516.8	2772.7
82.38					4665	4212.7	55944.5	5009.8	56425.2	3732.0
84.52					4636	5198.0	44641.8	4640.6	45180.4	4659.3
83.38					4635	6104.0	37760.7	5838.7	38803.3	5061.5
79.88					4664	5217.8	44175.1	5969.1	45069.2	4323.7
81.48										

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-30.24	Min	Cent	-1801.8	-11362.2	-8445.5	3122.5	-16286.5
-14.94		4665	-3256.5	-27087.0	-6846.3	-1429.6	-28913.8
-13.04		4636	-2649.9	-32277.9	-7248.8	-971.5	-33956.3
-36.79		4635	-2570.1	-8440.5	-9958.4	4876.6	-15887.2
-36.11		4664	-3945.5	-10103.1	-9598.3	3055.8	-17104.3

	NODE	Vxx	Vyy
Max	Cent	4.6	25.4
	4665	5.2	30.9
	4636	5.2	21.1
	4635	5.2	21.1
Min	4664	5.2	30.9
	Cent	-6.4	-54.6
	4665	-6.5	-53.2
	4636	-6.5	-66.2
	4635	-6.7	-66.2
	4664	-6.7	-53.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.86	c mob-b	Max	Cent	0.7	0.5	29.1	29.7	-28.5
45.51		4665	0.7	1.9	31.9	33.2	-30.6	
44.74		4636	0.7	0.2	27.8	28.2	-27.3	
44.71		4635	0.8	0.2	26.9	27.4	-26.4	
45.39		4664	0.8	1.6	31.0	32.2	-29.8	
-83.60		Min	Cent	-340.4	-47.4	-33.3	-43.7	-344.2
-83.96		4665	-337.3	-43.2	-31.5	-39.9	-340.6	
-83.20		4636	-339.6	-50.8	-34.9	-46.7	-343.7	
-83.11		4635	-343.7	-52.4	-35.7	-48.1	-348.0	
-83.88		4664	-341.4	-44.7	-32.2	-41.3	-344.8	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
82.77	Max	Cent	3737.9	47083.0	5592.1	47792.9	3028.1	
84.19		4665	5021.0	61596.3	5819.8	62188.8	4428.5	
83.00		4636	6083.4	50157.6	5492.8	50831.8	5409.2	
81.90		4635	7009.8	46363.2	5715.8	47176.5	6196.4	
83.41		4664	5984.8	55674.4	5820.9	56347.2	5312.0	
-25.16		Min	Cent	-1893.2	-16564.3	-8841.6	2259.7	-20717.2
-15.20		4665	-3891.9	-30959.0	-7941.9	-1733.7	-33117.2	
		4636	-3233.3	-37028.4	-7947.4	-1457.6	-38804.0	

PROJECT TITLE :

	Company		Client	
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-12.59							
	4635	-2900.6	-12362.7	-9719.8	3178.4	-18441.6	
-32.02							
	4664	-4260.7	-14885.9	-9653.4	1445.4	-20592.0	
-30.59							

	NODE	Vxx	Vyy
Max	Cent	5.7	31.5
	4665	6.4	40.5
	4636	6.4	29.7
	4635	6.3	29.7
	4664	6.3	40.5
Min	Cent	-7.5	-81.8
	4665	-7.8	-88.8
	4636	-7.8	-97.7
	4635	-7.9	-97.7
	4664	-7.9	-88.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-796.2	-58.2	9.3	-58.1	-796.3
89.27		4665	-784.9	-42.0	18.6	-41.6	-785.4
88.56		4636	-792.5	-69.4	3.3	-69.4	-792.5
89.74		4635	-807.4	-74.3	0.0	-74.3	-807.4
90.00		4664	-799.8	-46.9	15.3	-46.6	-800.1
88.83							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	235.8	33328.9	-1295.4	33379.5	185.1
-87.76	4665	58.3	42441.5	-479.7	42447.0	52.9
-89.35	4636	711.7	33815.7	-1369.9	33872.3	655.1
-87.63	4635	545.5	26395.6	-2009.4	26550.9	390.3
-85.58	4664	-372.5	30662.8	-1119.2	30703.1	-412.8
-87.94						

	NODE	Vxx	Vyy
	Cent	-0.6	20.4
	4665	-0.5	25.0
	4636	-0.5	15.8
	4635	-0.7	15.8
	4664	-0.7	25.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	17.3	0.7	-1.1	17.4	0.6
-3.85		4665	16.2	-0.1	-2.1	16.5	-0.4
-7.31		4636	16.5	0.9	-0.2	16.5	0.9
-0.85							

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		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.39		4635	18.4	1.5	-0.1	18.4	1.5
-6.45		4664	18.1	0.5	-2.0	18.3	0.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-7.9	856.0	-30.2	857.1	-9.0
-88.00		4665	-11.1	1108.0	-8.1	1108.0	-11.1
-89.59		4636	3.1	882.4	-31.5	883.6	1.9
-87.95		4635	1.6	662.4	-48.1	665.9	-1.9
-85.86		4664	-25.3	771.2	-24.7	772.0	-26.1
-88.23		NODE	Vxx	Vyy			
		Cent	-0.0	0.6			
		4665	-0.0	0.7			
		4636	-0.0	0.5			
		4635	-0.0	0.5			
		4664	-0.0	0.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----		Cent	46.0	6.6	-1.7	46.1	6.5
-2.40	cedime~1	4665	43.4	4.8	-4.1	43.9	4.3
-6.05		4636	44.0	6.8	0.6	44.0	6.8
0.90		4635	48.6	8.3	0.8	48.6	8.3
1.18		4664	48.0	6.3	-3.9	48.4	5.9
-5.28		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		Cent	22.1	-3235.3	88.6	24.5	-3237.7
1.56		4665	31.6	-4058.2	25.0	31.7	-4058.4
0.35		4636	-7.5	-3350.4	85.2	-5.4	-3352.5
1.46		4635	-10.8	-2593.3	137.5	-3.5	-2600.6
3.04		4664	75.2	-2939.3	77.3	77.2	-2941.3
1.47		NODE	Vxx	Vyy			
		Cent	0.0	-2.0			
		4665	0.0	-2.4			
		4636	0.0	-1.6			
		4635	0.1	-1.6			
		4664	0.1	-2.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

	perm	Cent	Mxx	Myy	Mxy	Mmax	Mmin
89.37		4665	-247.6	-17.5	2.5	-17.5	-247.6
88.50		4665	-243.4	-11.9	6.1	-11.8	-243.6
89.98		4636	-246.0	-21.2	0.1	-21.2	-246.0
-89.74		4635	-251.8	-23.1	-1.0	-23.1	-251.8
88.80		4664	-249.2	-13.9	4.9	-13.8	-249.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-87.00	Cent	118.5	3223.7	-163.3	3232.2	109.9
-88.17	4665	82.3	3036.1	-94.5	3039.2	79.3
-85.05	4636	182.2	2206.9	-176.8	2222.2	166.9
-86.11	4635	135.7	3622.4	-238.1	3638.5	119.5
-87.75	4664	73.6	4029.2	-155.8	4035.4	67.5

NODE	Vxx	Vyy
Cent	-0.1	-2.6
4665	-0.1	-2.1
4636	-0.1	-3.0
4635	-0.0	-3.0
4664	-0.0	-2.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
78.54	INV TO~1	Max	Cent	-200.2	-10.4	41.8	-2.2	-208.3
77.57			4665	-198.7	-4.7	49.1	5.2	-208.6
78.88			4636	-200.7	-14.0	38.2	-6.5	-208.2
79.46			4635	-201.8	-14.4	36.1	-7.7	-208.5
78.09			4664	-199.8	-5.4	46.8	3.6	-208.8
-86.14		Min	Cent	-707.2	-81.5	-44.0	-78.7	-710.0
-86.69			4665	-698.8	-70.3	-40.6	-68.2	-700.9
-85.65			4636	-704.4	-89.8	-47.1	-86.2	-708.0
-85.50			4635	-715.7	-93.9	-49.3	-90.0	-719.6
-86.55			4664	-710.1	-74.2	-42.4	-71.9	-712.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
83.26	Max	Cent	5186.8	66785.8	7474.6	67658.7	4291.7

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84.46		4665	6892.3	86191.2	7787.3	86943.6	6108.3
83.38		4636	8394.8	69919.7	7323.7	70759.8	7554.7
82.44		4635	9598.9	66212.6	7781.6	67226.6	8585.0
83.73		4664	8228.3	79189.7	7979.8	80058.2	7304.7
-25.14	Min	Cent	-2437.3	-22373.5	-12099.5	3221.2	-28009.9
-14.90		4665	-5171.7	-42816.8	-10816.1	-2268.3	-45688.6
-12.38		4636	-4190.2	-51131.8	-10905.7	-1816.0	-53506.0
-33.17		4635	-3790.9	-15660.5	-13681.9	5061.9	-24513.3
-31.46		4664	-5678.3	-19006.0	-13187.8	2419.4	-27028.5

	NODE	Vxx	Vyy
Max	Cent	7.6	39.9
	4665	8.6	52.5
	4636	8.6	37.1
	4635	8.5	37.1
	4664	8.5	52.5
Min	Cent	-10.2	-115.0
	4665	-10.6	-124.4
	4636	-10.6	-136.5
	4635	-10.7	-136.5
	4664	-10.7	-124.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
78.54	INV TO~2	Max	Cent	-200.2	-10.4	41.8	-2.2	-208.3
77.57			4665	-198.7	-4.7	49.1	5.2	-208.6
78.88			4636	-200.7	-14.0	38.2	-6.5	-208.2
79.46			4635	-201.8	-14.4	36.1	-7.7	-208.5
78.09			4664	-199.8	-5.4	46.8	3.6	-208.8
-86.14		Min	Cent	-1074.8	-81.5	-44.0	-78.7	-1075.0
-86.69			4665	-1059.6	-70.3	-40.6	-68.2	-1060.2
89.74			4636	-1069.9	-93.7	-47.1	-93.7	-1069.9
90.00			4635	-1090.0	-100.3	-49.3	-100.3	-1090.0
-86.55			4664	-1079.8	-74.2	-42.4	-71.9	-1080.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
83.26	Max	Cent	5186.8	66785.8	7474.6	67658.7	4291.7
84.46		4665	6892.3	86191.2	7787.3	86943.6	6108.3
83.38		4636	8394.8	69919.7	7323.7	70759.8	7554.7
		4635	9598.9	66212.6	7781.6	67226.6	8585.0

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82.44								
83.73			4664	8228.3	79189.7	7979.8	80058.2	7304.7
-25.14		Min	Cent	-2437.3	-22373.5	-12099.5	3221.2	-28009.9
-14.90			4665	-5171.7	-42816.8	-10816.1	-2268.3	-45688.6
-12.38			4636	-4190.2	-51131.8	-10905.7	-1816.0	-53506.0
-33.17			4635	-3790.9	-15660.5	-13681.9	5061.9	-24513.3
-31.46			4664	-5678.3	-19006.0	-13187.8	2419.4	-27028.5

	NODE	Vxx	Vyy
Max	Cent	7.6	39.9
	4665	8.6	52.5
	4636	8.6	37.1
	4635	8.5	37.1
	4664	8.5	52.5
Min	Cent	-10.2	-115.0
	4665	-10.6	-124.4
	4636	-10.6	-136.5
	4635	-10.7	-136.5
	4664	-10.7	-124.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4329	2	14	c mob-a	Max	Cent	429.8	18.0	236.5	537.5	-89.7
24.48					5926	471.2	144.4	250.5	606.9	8.7
28.44					5891	469.1	9.5	222.6	559.2	-80.6
22.04					5890	406.1	9.2	223.6	506.6	-91.3
24.20					5925	408.2	131.5	249.5	555.1	-15.4
30.49				Min	Cent	-5.2	-95.7	-2.6	-5.1	-95.8
-1.67					5926	-8.4	-27.2	-3.1	-7.9	-27.7
-9.07					5891	-8.6	-247.3	-2.2	-8.6	-247.4
-0.54					5890	-7.7	-235.5	-2.3	-7.7	-235.5
-0.57					5925	-7.8	-27.7	-3.0	-7.3	-28.1
-8.51										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	11224.5	22715.8	4679.4	24380.2	9560.1
70.42					5926	20637.3	26659.8	5661.9	30061.4	17235.7
59.00					5891	17980.0	28136.1	3791.1	29395.2	16720.9
71.63					5890	5509.0	25400.0	4831.3	26511.4	4397.7
77.05					5925	18579.7	24991.0	6569.0	29094.7	14475.9
58.01				Min	Cent	-2489.6	-3297.5	-8180.3	5296.7	-11083.8
-43.59										

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-59.45	5926	-10262.2	-4467.3	-5250.1	-1368.2	-13361.3
-37.25	5891	-6954.6	-13303.3	-11454.1	1756.9	-22014.7
-50.14	5890	-6261.3	-2039.7	-11649.0	7688.2	-15989.1
-48.14	5925	-3825.7	-2083.4	-7919.0	5012.2	-10921.3

	NODE	Vxx	Vyy
Max	Cent	18.0	10.4
	5926	26.0	12.9
	5891	26.0	14.6
	5890	16.8	11.5
	5925	16.8	12.9
Min	Cent	-14.2	-36.8
	5926	-32.2	-15.9
	5891	-32.2	-59.6
	5890	-3.3	-61.9
	5925	-3.3	-15.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
26.04	c mob-b	Max	Cent	423.9	46.7	242.1	542.2	-71.6
30.40			5926	457.9	171.4	256.3	608.3	21.0
23.09			5891	455.9	18.4	227.9	553.0	-78.8
24.59			5890	414.4	18.9	229.0	519.2	-85.9
31.64			5925	416.5	159.5	255.3	573.8	2.2
-3.72		Min	Cent	-4.8	-84.4	-5.2	-4.5	-84.8
-23.66			5926	-6.7	-16.9	-5.5	-4.3	-19.3
-1.25			5891	-6.8	-232.8	-4.9	-6.7	-232.9
-1.31			5890	-4.1	-220.9	-4.9	-4.0	-221.0
-19.06			5925	-4.1	-18.1	-5.5	-2.3	-20.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
83.44	Max	Cent	3265.1	24612.9	2486.7	24898.8	2979.3
86.34		5926	1205.1	25732.8	1576.6	25833.7	1104.2
82.91		5891	15624.5	33012.4	2197.6	33285.9	15351.0
85.49		5890	6569.1	51384.7	3553.9	51664.8	6289.1
79.01		5925	6378.4	20411.7	2830.8	20961.2	5828.9
-39.54	Min	Cent	-2446.1	-6654.1	-10898.3	6549.5	-15649.7
-45.05		5926	-10327.3	-10301.2	-7048.3	-3266.0	-17362.6
-24.31		5891	-3447.8	-34939.1	-17877.0	4629.0	-43015.9
		5890	-8081.9	-1677.8	-13723.1	9211.9	-18971.6

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-51.57
-46.48

	NODE	Vxx	Vyy
Max	Cent	5.6	16.0
	5926	6.2	22.0
	5891	6.2	33.9
	5890	13.7	31.0
	5925	13.7	22.0
Min	Cent	-12.4	-82.4
	5926	-36.6	-26.8
	5891	-36.6	-164.9
	5890	-1.6	-169.0
	5925	-1.6	-26.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
21.07	pp	Cent	1239.5	-151.8	629.5	1482.1	-394.4
26.57		5926	1334.9	333.1	668.2	1669.1	-1.1
15.51		5891	1328.7	-636.7	590.9	1492.6	-800.7
17.10		5890	1146.7	-600.8	593.7	1329.3	-783.4
28.64		5925	1152.4	297.2	665.3	1515.7	-66.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-62.25	Cent	-2215.3	1571.5	-2754.1	3020.3	-3664.1
-70.99	5926	-4812.1	2273.1	-2769.6	3227.3	-5766.2
-38.18	5891	-1875.0	-2871.6	-2053.0	-260.7	-4485.9
-56.51	5890	-2100.4	380.5	-2920.6	2313.2	-4033.0
-65.09	5925	-67.4	6499.8	-3887.3	8304.8	-1872.4

	NODE	Vxx	Vyy
	Cent	-2.5	-6.4
	5926	-5.3	-6.6
	5891	-5.3	-5.9
	5890	0.2	-6.8
	5925	0.2	-6.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.63	vento -y	Cent	-15.3	8.2	-0.6	8.2	-15.3
-87.10		5926	-19.3	1.8	-1.1	1.9	-19.3
-89.90		5891	-19.2	14.6	-0.1	14.6	-19.2
-89.79		5890	-11.4	14.1	-0.1	14.1	-11.4

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22.63	perm	Cent	361.6	-24.3	194.6	442.7	-105.4	
29.57		5926	371.7	124.8	206.5	488.9	7.6	
16.97		5891	369.8	-173.4	182.8	425.6	-229.2	
17.77		5890	351.8	-162.4	183.6	410.6	-221.2	
29.88		5925	353.5	113.7	205.7	471.7	-4.4	

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-68.95		Cent	-336.9	2334.2	-1207.1	2798.9	-801.6	
-75.91		5926	-1446.8	2616.8	-1088.9	2890.2	-1720.1	
-47.37		5891	298.7	497.6	-1200.3	1602.6	-806.3	
-67.79		5890	-792.9	2105.4	-1420.0	2685.2	-1372.7	
-69.57		5925	615.3	4115.7	-1513.8	4679.6	51.5	

	NODE	Vxx	Vyy
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Cent	-0.9	-3.0
5926	-2.8	-2.1
5891	-2.8	-3.7
5890	0.9	-4.3
5925	0.9	-2.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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24.56	INV TO~1	Max	Cent	941.7	86.3	521.5	1180.0	-113.7
29.74			5926	1033.3	374.3	552.5	1323.4	115.4
20.21			5891	1028.9	-71.5	490.4	1183.6	-219.7
21.62			5890	911.2	-61.9	492.7	1106.4	-230.2
30.97			5925	915.8	349.5	550.2	1246.0	62.7
14.33		Min	Cent	351.5	-153.5	125.0	383.4	-215.3
21.91			5926	360.3	88.1	134.1	439.7	-17.0
11.07			5891	358.2	-507.3	115.8	392.7	-541.8
9.01			5890	310.3	-480.3	116.5	328.8	-516.8
25.58			5925	311.7	76.4	133.4	375.5	-29.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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76.89		Max	Cent	14816.2	35561.6	5971.6	36752.0	13625.8
66.46			5926	26413.6	38607.6	6554.7	41462.5	23558.6

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79.54		5891	24571.7	45064.3	4636.8	45787.7	23848.3
85.43		5890	8075.4	71474.8	7765.1	71882.7	7667.4
64.79		5925	25697.9	37853.5	8253.0	41316.4	22235.0
-19.13	Min	Cent	-13444.2	-51621.7	-15919.9	-8219.7	-56846.3
-14.30		5926	-30654.7	-71040.2	-11010.5	-27847.9	-73847.0
-16.63		5891	-20895.6	-95972.6	-25334.2	-13544.8	-103323.3
-30.71		5890	-14072.1	-32906.6	-19946.3	-3806.9	-43171.8
-24.82		5925	-13928.5	-37190.5	-14581.2	-7601.5	-43517.5

	NODE	Vxx	Vyy
Max	Cent	23.4	18.5
	5926	32.2	27.6
	5891	32.2	42.1
	5890	23.5	37.5
	5925	23.5	27.6
Min	Cent	-23.1	-154.0
	5926	-52.6	-83.8
	5891	-52.6	-260.7
	5890	-9.1	-265.9
	5925	-9.1	-83.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
21.07	INV TO~2	Max	Cent	1673.3	86.3	849.9	2000.8	-113.7
26.57			5926	1802.0	449.7	902.1	2253.3	115.4
15.51			5891	1793.7	-71.5	797.7	2015.1	-219.7
17.10			5890	1548.1	-61.9	801.5	1794.6	-230.2
28.64			5925	1555.8	401.2	898.2	2046.2	62.7
14.33		Min	Cent	351.5	-204.9	125.0	383.4	-532.4
21.91			5926	360.3	88.1	134.1	439.7	-17.0
11.07			5891	358.2	-859.6	115.8	392.7	-1080.9
9.01			5890	310.3	-811.1	116.5	328.8	-1057.7
25.58			5925	311.7	76.4	133.4	375.5	-89.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
76.89	Max	Cent	14816.2	35561.6	5971.6	13625.8		
66.46			5926	26413.6	38607.6	6554.7	41462.5	23558.6
79.54			5891	24571.7	45064.3	4636.8	45787.7	23848.3
85.43			5890	8075.4	71474.8	7765.1	71882.7	7667.4
			5925	25697.9	37853.5	8253.0	41316.4	22235.0

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64.79								
-19.13	Min	Cent	-13444.2	-51621.7	-15919.9	-8219.7	-56846.3	
-14.30			5926	-30654.7	-71040.2	-11010.5	-27847.9	-73847.0
-16.63			5891	-20895.6	-95972.6	-25334.2	-13544.8	-103323.3
-30.71			5890	-14072.1	-32906.6	-19946.3	-3806.9	-43171.8
-24.82			5925	-13928.5	-37190.5	-14581.2	-7601.5	-43517.5

	NODE	Vxx	Vyy
Max	Cent	23.4	18.5
	5926	32.2	27.6
	5891	32.2	42.1
	5890	23.5	37.5
	5925	23.5	27.6
Min	Cent	-23.1	-154.0
	5926	-52.6	-83.8
	5891	-52.6	-260.7
	5890	-9.1	-265.9
	5925	-9.1	-83.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4330	2	14	c mob-a	Max	Cent	704.9	883.6	545.1	1346.6	241.9
49.66					5962	1267.1	1538.0	545.1	1964.3	840.9
51.98					5926	1267.1	230.0	545.1	1500.9	-3.8
23.21					5925	142.6	230.0	545.1	733.2	-360.5
47.29					5961	142.6	1538.0	545.1	1725.7	-45.1
71.00				Min	Cent	-15.2	-60.4	-12.7	-11.9	-63.7
-14.67					5962	-27.5	-92.5	-12.7	-25.1	-94.9
-10.67					5926	-27.5	-29.9	-12.7	-15.9	-41.4
-42.27					5925	-3.0	-29.9	-12.7	2.1	-34.9
-21.69					5961	-3.0	-92.5	-12.7	-1.2	-94.2
-7.93										
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	8687.9	24935.8	11852.8	31181.5	2442.2
62.21					5962	4849.4	27756.1	12186.6	33026.8	-421.3
66.61					5926	17547.1	28967.6	5549.2	31219.8	15294.9
67.91					5925	17493.9	24564.1	12369.9	33894.1	8163.9
52.97					5961	1564.1	30744.7	18824.7	39971.3	-7662.5
63.89				Min	Cent	-1925.8	-12691.9	-4434.1	-334.7	-14283.0
-19.74					5962	-7807.5	-64922.9	-4190.9	-7501.6	-65228.7
-4.17										

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-39.71	5926	-2651.1	-4660.6	-5377.1	1814.3	-9126.0
-51.60	5925	-4776.9	-2059.1	-5789.7	2529.1	-9365.1
-35.73	5961	-1047.1	-4118.2	-4577.3	2245.3	-7410.6

	NODE	Vxx	Vyy
Max	Cent	12.7	11.5
	5962	22.8	19.8
	5926	22.8	12.9
	5925	7.6	12.9
	5961	7.6	19.8
Min	Cent	-18.2	-90.1
	5962	-18.7	-174.7
	5926	-18.7	-15.9
	5925	-20.2	-15.9
	5961	-20.2	-174.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
50.17	c mob-b	Max	Cent	753.0	969.1	592.3	1463.1	259.0
52.51			5962	1356.1	1674.0	592.3	2128.3	901.8
23.67		5926	1356.1	264.6	592.3	1615.7	4.9	
47.87		5925	145.4	264.6	592.3	800.2	-390.3	
71.11		5961	145.4	1674.0	592.3	1876.7	-57.2	
-23.89		Min	Cent	-7.5	-21.1	-7.5	-4.2	-24.4
-17.63			5962	-13.7	-34.9	-7.5	-11.3	-37.3
-43.03			5926	-13.7	-14.7	-7.5	-6.7	-21.7
-24.51			5925	-1.7	-14.7	-7.5	1.7	-18.1
-12.15			5961	-1.7	-34.9	-7.5	-0.1	-36.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
87.88	Max	Cent	1564.7	22423.4	773.0	1536.1
89.15		5962	1525.1	21295.7	293.6	1520.8
87.51		5926	12605.5	31315.2	815.6	12570.1
84.37		5925	4385.9	18774.3	1431.3	4244.9
86.89		5961	2045.8	20853.5	1025.8	1990.0
-28.64	Min	Cent	-1344.0	-7378.0	-4696.0	-9942.6
-20.22		5962	-9188.7	-19176.0	-4255.7	-20743.5
-27.19		5926	-1011.1	-9811.8	-6140.3	-12965.7
-52.08		5925	-4331.4	-1002.0	-6595.4	-9469.0
		5961	-176.3	-1096.7	-4992.6	-5650.3

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-42.37

	NODE	Vxx	Vyy
Max	Cent	1.2	12.5
	5962	0.6	17.3
	5926	0.6	22.0
	5925	6.4	22.0
	5961	6.4	17.3
Min	Cent	-8.2	-32.8
	5962	-16.5	-46.0
	5926	-16.5	-26.8
	5925	-4.7	-26.8
	5961	-4.7	-46.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.15	pp	Cent	1974.8	2095.5	1497.4	3533.8	536.6
46.14		5962	3545.1	3664.6	1497.4	5103.4	2106.3
22.39		5926	3545.1	526.4	1497.4	4161.8	-90.3
46.17		5925	404.6	526.4	1497.4	1964.1	-1033.1
68.71		5961	404.6	3664.6	1497.4	4248.0	-178.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-71.84	Cent	309.6	10918.6	-3899.7	12197.8	-969.7
-82.50	5962	2716.2	22936.4	-2710.2	23293.3	2359.2
-61.88	5926	-368.6	3606.2	-2972.6	5194.6	-1957.0
-62.66	5925	-831.0	6270.7	-5011.6	8861.9	-3422.2
-69.77	5961	-278.3	10861.1	-4749.2	12610.9	-2028.2

	NODE	Vxx	Vyy
	Cent	-1.9	9.8
	5962	-2.9	26.1
	5926	-2.9	-6.6
	5925	-0.9	-6.6
	5961	-0.9	26.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-55.88	vento -y	Cent	-18.6	-9.7	-11.2	-2.1	-26.2
-59.09		5962	-33.0	-21.0	-11.2	-14.3	-39.7
-73.55		5926	-33.0	1.7	-11.2	5.0	-36.3
-52.35		5925	-4.2	1.7	-11.2	10.3	-12.9
-26.60		5961	-4.2	-21.0	-11.2	1.4	-26.6

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
57.38		Cent	21.7	52.4	33.3	73.7	0.4
29.36		5962	23.6	-14.8	31.6	41.4	-32.6
76.50		5926	30.5	124.8	24.0	130.5	24.7
54.96		5925	36.0	63.2	37.7	89.7	9.6
56.81		5961	-3.3	36.3	45.2	65.8	-32.9

NODE	Vxx	Vyy
Cent	0.0	0.0
5962	0.0	-0.1
5926	0.0	0.1
5925	-0.0	0.1
5961	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-37.05	cedime~1	Cent	-84.5	-136.0	-90.4	-16.3	-204.3
-30.37		5962	-160.6	-261.9	-90.4	-107.6	-314.9
-64.88		5926	-160.6	-10.2	-90.4	32.2	-203.0
-44.73		5925	-8.5	-10.2	-90.4	81.1	-99.7
-17.76		5961	-8.5	-261.9	-90.4	20.5	-290.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
0.90		Cent	-11587.1	-59461.3	749.9	-11575.4	-59473.1
-4.48		5962	-30555.8	-91838.1	-4826.1	-30178.1	-92215.8
0.20		5926	-7783.2	-57505.4	174.7	-7782.6	-57506.1
8.10		5925	-12147.6	-39324.2	3947.3	-11585.9	-39885.9
-1.13		5961	4138.1	-49177.6	-1053.4	4158.9	-49198.4

NODE	Vxx	Vyy
Cent	3.7	-60.5
5962	-13.5	-75.4
5926	-13.5	-45.5
5925	20.9	-45.5
5961	20.9	-75.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	612.8	744.7	473.4	1156.7	200.9

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48.97			5962	1101.9	1294.6	473.4	1681.3	715.2
50.75			5926	1101.9	194.9	473.4	1303.9	-7.1
23.11			5925	123.8	194.9	473.4	634.0	-315.3
47.15			5961	123.8	1294.6	473.4	1462.0	-43.6
70.52								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-75.81			Cent	472.0	5545.5	-1370.3	5891.9	125.6
-84.06			5962	1154.3	9256.0	-852.7	9344.8	1065.6
-69.17			5926	593.9	3229.0	-1172.4	3675.1	147.8
-67.72			5925	232.5	4000.9	-1855.8	4761.3	-528.0
-76.02			5961	-92.7	5696.1	-1536.1	6078.4	-475.1

			NODE	Vxx	Vyy
			Cent	-1.1	2.7
			5962	-1.4	7.4
			5926	-1.4	-2.1
			5925	-0.9	-2.1
			5961	-0.9	7.4

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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49.72	INV TO~1	Max	Cent	1629.4	2053.1	1272.9	3131.7	550.8
51.86			5962	2932.7	3554.5	1272.9	4553.9	1933.2
23.46			5926	2932.7	552.1	1272.9	3485.1	31.7
47.60			5925	320.1	552.1	1272.9	1714.3	-238.3
70.90			5961	320.1	3554.5	1272.9	3995.4	-31.2
45.76		Min	Cent	507.8	527.2	365.8	883.4	151.6
45.14			5962	904.3	907.8	365.8	1271.9	540.3
21.96			5926	904.3	144.4	365.8	1051.7	-34.7
46.30			5925	111.3	144.4	365.8	494.0	-842.1
68.72			5961	111.3	907.8	365.8	1050.3	-120.8

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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66.35		Max	Cent	12200.7	39208.8	15380.9	45615.2	5794.3
70.68			5962	7701.0	46726.8	15599.2	52195.6	2232.1
74.61			5926	24282.5	45504.5	6493.6	47243.5	22543.5

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57.08			5925	23849.2	37162.4	18790.8	46773.6	14238.1
66.50			5961	6807.2	47201.4	23877.1	57583.4	-7712.8
-6.82	Min	Cent	5925	-13715.0	-71050.0	-7709.8	-12882.2	-71882.7
-5.04			5962	-41806.2	-170227.9	-11424.0	-40797.9	-171236.3
-9.06			5926	-10768.3	-67522.4	-9461.8	-9287.2	-69003.5
-17.31			5925	-18363.9	-38103.2	-10759.7	-16241.1	-40225.9
-9.93			5961	-1506.4	-49041.1	-9329.6	4264.6	-50673.9

		NODE	Vxx	Vyy
Max	Cent		19.7	19.6
	5962		29.4	34.2
	5926		29.4	27.6
	5925		30.3	27.6
	5961		30.3	34.2
Min	Cent		-25.7	-179.4
	5962		-40.1	-303.8
	5926		-40.1	-83.8
	5925		-28.1	-83.8
	5961		-28.1	-303.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.15	INV TO~2	Max	Cent	2666.0	2829.0	2021.4	4770.6	724.4
46.14			5962	4785.9	4947.2	2021.4	6889.6	2843.5
22.39			5926	4785.9	710.7	2021.4	5618.5	31.7
46.17			5925	546.2	710.7	2021.4	2651.5	-238.3
68.71			5961	546.2	4947.2	2021.4	5734.8	-31.2
45.76		Min	Cent	507.8	527.2	365.8	883.4	151.6
45.14			5962	904.3	907.8	365.8	1271.9	540.3
21.96			5926	904.3	144.4	365.8	1051.7	-121.9
46.30			5925	111.3	144.4	365.8	494.0	-1394.7
68.72			5961	111.3	907.8	365.8	1050.3	-241.4

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
66.35		Max	Cent	12200.7	39208.8	15380.9	45615.2	5794.3
70.68			5962	7701.0	46726.8	15599.2	52195.6	3185.0
74.61			5926	24282.5	45504.5	6493.6	47243.5	22543.5
57.08			5925	23849.2	37162.4	18790.8	46773.6	14238.1
66.50			5961	6807.2	47201.4	23877.1	57583.4	-2738.1
		Min	Cent	-13715.0	-71050.0	-7709.8	-12882.2	-71882.7

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-6.82							
	5962	-41806.2	-170227.9	-11424.0	-40797.9	-171236.3	
-5.04							
	5926	-10768.3	-67522.4	-9461.8	-9287.2	-69003.5	
-9.06							
	5925	-18363.9	-38103.2	-10759.7	-16241.1	-40225.9	
-17.31							
	5961	-1506.4	-49041.1	-9329.6	4264.6	-50673.9	
-9.93							

	NODE	Vxx	Vyy
Max	Cent	19.7	19.6
	5962	29.4	35.3
	5926	29.4	27.6
	5925	30.3	27.6
	5961	30.3	35.3
Min	Cent	-25.7	-179.4
	5962	-40.1	-303.8
	5926	-40.1	-83.8
	5925	-28.1	-83.8
	5961	-28.1	-303.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4334	1	18	c mob-a	Max	Cent	879.5	311.6	2.7	879.5	311.6
	0.27				3460	776.3	162.4	2.7	776.3	162.4
	0.25				3429	776.3	461.3	2.7	776.4	461.3
	0.49				3428	982.7	461.3	2.7	982.7	461.3
	0.30				3459	982.7	162.4	2.7	982.7	162.4
	0.19			Min	Cent	-8.4	-5.5	-197.8	190.9	-204.7
	-45.21				3460	-7.0	-7.0	-197.8	190.8	-204.8
	-45.00				3429	-7.0	-7.2	-197.8	190.7	-204.9
	-44.99				3428	-9.8	-7.2	-197.8	189.3	-206.3
	-45.19				3459	-9.8	-7.0	-197.8	189.4	-206.2
	-45.20									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	17342.7	6005.4	8201.8	21644.1	1703.9
	27.67				3460	21096.1	6779.9	7438.8	24261.5	3614.5
	23.05				3429	17061.6	5583.2	7034.0	20400.7	2244.1
	25.39				3428	21497.5	6675.8	6768.8	24123.5	4049.8
	21.20				3459	15338.5	7982.3	7152.7	19703.4	3617.4
	31.39			Min	Cent	-20357.1	-1413.4	-7988.5	1505.5	-23276.0
	-69.93				3460	-25691.4	-3120.8	-6923.8	-1166.1	-27646.0
	-74.23				3429	-21765.4	-2276.2	-7117.1	46.1	-24087.7
	-71.93									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-72.17	3428	-20705.9	-1435.3	-6911.1	787.0	-22928.2
-74.25	3459	-23461.3	-1606.1	-6696.8	282.6	-25350.1

	NODE	Vxx	Vyy
Max	Cent	16.2	3.1
	3460	22.4	3.1
	3429	22.4	4.1
	3428	17.5	4.1
	3459	17.5	3.1
Min	Cent	-23.0	-9.0
	3460	-28.0	-9.4
	3429	-28.0	-9.3
	3428	-25.1	-9.3
	3459	-25.1	-9.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.43	c mob-b	Max	Cent	850.0	315.3	4.0	850.0	315.3
0.40			3460	748.5	167.7	4.0	748.5	167.6
0.81			3429	748.5	463.3	4.0	748.6	463.3
0.47			3428	952.4	463.3	4.0	952.5	463.3
0.29			3459	952.4	167.7	4.0	952.4	167.6
-45.34		Min	Cent	-11.7	-7.1	-195.2	185.8	-204.6
-45.04			3460	-7.7	-7.2	-195.2	187.8	-202.7
-44.79			3429	-7.7	-10.5	-195.2	186.1	-204.3
-45.44			3428	-16.5	-10.5	-195.2	181.8	-208.7
-45.68			3459	-16.5	-7.2	-195.2	183.5	-207.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
22.74	Max	Cent	47347.3	20455.1	13677.3	53081.1	14721.3	
19.64		3460	59219.5	28446.8	12585.8	63711.3	23954.9	
20.41		3429	51243.7	22263.7	12512.2	55898.3	17609.1	
13.43		3428	63690.8	19431.9	11210.7	66368.5	16754.2	
21.24		3459	45923.7	20286.5	11737.0	50485.4	15724.8	
-62.42		Min	Cent	-39567.0	-1406.0	-27415.4	12915.2	-53888.2
-64.33			3460	-40929.5	-3049.4	-23669.3	8325.0	-52303.9
-68.59			3429	-60478.8	-8203.7	-24221.1	1293.5	-69975.9
-63.69			3428	-38130.1	-1810.6	-23765.0	9938.7	-49879.4
-71.00			3459	-61946.7	-1873.8	-23458.7	6201.4	-70021.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	52.4	21.5
	3460	63.8	23.6
	3429	63.8	27.5
	3428	50.9	27.5
	3459	50.9	23.6
Min	Cent	-68.2	-23.4
	3460	-61.6	-22.3
	3429	-61.6	-26.1
	3428	-95.6	-26.1
	3459	-95.6	-22.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-17.02	pp	Cent	2560.8	885.7	-565.9	2734.0	712.4
-16.05		3460	2241.2	436.5	-565.9	2403.9	273.7
-25.66		3429	2241.2	1334.9	-565.9	2513.0	1063.1
-18.11		3428	2880.3	1334.9	-565.9	3065.4	1149.9
-12.42		3459	2880.3	436.5	-565.9	3005.0	311.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
70.32	Cent	-27311.6	5080.8	13284.6	9832.1	-32062.8
75.87	3460	-46250.4	-1446.7	12043.1	1585.3	-49282.4
61.35	3429	-8325.5	5735.1	10946.9	11714.9	-14305.2
75.81	3428	-33611.4	6739.6	10903.6	9497.5	-36369.2
70.83	3459	-21059.0	9295.1	11999.7	13465.8	-25229.7

	NODE	Vxx	Vyy
	Cent	-12.6	-13.0
	3460	-37.5	-12.6
	3429	-37.5	-13.4
	3428	12.4	-13.4
	3459	12.4	-12.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
79.86	vento -y	Cent	-30.4	-3.7	4.9	-2.8	-31.3
80.60		3460	-26.5	2.5	4.9	3.3	-27.3
74.63		3429	-26.5	-9.9	4.9	-8.5	-27.8
79.00		3428	-34.3	-9.9	4.9	-8.9	-35.3
82.50		3459	-34.3	2.5	4.9	3.2	-35.0

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	Vxx	Vyy			
-43.99	111.2	98.4	-179.6	284.5	-74.9	
-32.92	3460	335.3	201.4	-149.2	431.9	104.8
-59.12	3429	-107.4	48.2	-144.8	134.8	-194.0
-29.98	3428	238.6	53.9	-159.6	330.6	-38.1
-54.43	3459	-21.9	90.2	-164.0	207.5	-139.1
	NODE	Vxx	Vyy			
	Cent	0.1	0.1			
	3460	0.4	0.1			
	3429	0.4	0.1			
	3428	-0.3	0.1			
	3459	-0.3	0.1			

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
57.57	cedime~1	Cent	-88.6	-65.5	24.6	-49.8	-104.3
55.50		3460	-55.5	-36.6	24.6	-19.6	-72.4
25.86		3429	-55.5	-94.4	24.6	-43.5	-106.3
59.50		3428	-121.7	-94.4	24.6	-79.9	-136.2
74.97		3459	-121.7	-36.6	24.6	-29.9	-128.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
27.43	Cent	14852.3	-51881.0	47393.8	39446.9	-76475.6
29.72	3460	-22108.0	-66103.9	37266.2	-831.5	-87380.4
21.86	3429	48952.5	-35235.4	40266.8	65110.7	-51393.6
41.29	3428	-40325.5	-51871.9	44305.4	-1418.7	-90778.7
16.50	3459	72890.1	-54312.6	41304.9	85125.5	-66548.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.50	perm	Cent	746.9	289.2	-172.4	804.6	231.6
		3460	642.1	152.8	-172.4	696.8	98.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-17.58			3429	642.1	425.6	-172.4	737.4	330.3
-28.93			3428	851.6	425.6	-172.4	912.6	364.6
-19.49			3459	851.6	152.8	-172.4	891.8	112.6
-13.13								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

-----			Cent	-8171.3	1934.4	6919.5	5449.5	-11686.5
63.07			3460	-15713.8	-1403.6	6200.9	909.5	-18026.9
69.54			3429	-898.0	1649.5	5792.4	6306.5	-5555.0
51.20			3428	-13891.9	2224.3	5733.2	4055.7	-15723.4
72.28			3459	-2181.5	5267.3	6141.8	8725.7	-5639.9
60.62								

	NODE	Vxx	Vyy
-----	Cent	-1.6	-7.9
	3460	-14.6	-8.8
	3429	-14.6	-7.0
	3428	11.4	-7.0
	3459	11.4	-8.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

-----			INV TO~1	Max	Cent	1934.2	714.9	-142.3	1956.6	692.4
-7.66					3460	1690.2	379.2	-142.3	1711.1	358.3
-7.14					3429	1690.2	1051.1	-142.3	1731.2	1010.1
-13.79					3428	2178.3	1051.1	-142.3	2202.5	1026.9
-8.25					3459	2178.3	379.2	-142.3	2193.6	363.8
-5.26				Min	Cent	642.5	214.2	-439.4	895.1	-38.5
-31.34					3460	576.3	106.6	-439.4	818.1	-135.2
-30.24					3429	576.3	317.0	-439.4	881.2	12.1
-36.32					3428	707.7	317.0	-439.4	970.8	53.9
-32.39					3459	707.7	106.6	-439.4	919.4	-105.1
-27.04										

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

-----			Max	Cent	70599.8	29548.8	72777.7	110480.1	14083.6	
28.72					3460	64232.4	36999.5	60458.0	77509.6	23722.4
29.79					3429	117233.5	31705.5	62950.7	144079.9	20855.6
23.10					3428	72090.7	28457.3	65173.2	80463.9	20084.1
21.86										

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	Company		Client	
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19.68			3459	132705.6	32654.1	63291.7	155337.9	20391.9
40.79	Min	Cent		-61586.8	-51854.7	-30091.4	-31803.8	-73844.6
66.42			3460	-93076.7	-71720.6	-25752.7	-66695.7	-98101.6
33.75			3429	-82544.3	-44660.9	-26906.2	-24664.8	-91378.0
73.09			3428	-105693.1	-52091.9	-26349.5	-46632.7	-111152.2
19.61			3459	-85809.6	-51574.9	-25527.5	-7297.6	-92641.8

	NODE	Vxx	Vyy
Max	Cent	94.3	27.8
	3460	71.5	39.1
	3429	71.5	30.1
	3428	197.1	30.1
	3459	197.1	39.1
Min	Cent	-93.7	-39.5
	3460	-164.5	-38.9
	3429	-164.5	-44.9
	3428	-117.6	-44.9
	3459	-117.6	-38.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-17.02	INV TO~2	Max	Cent	3457.0	1195.7	-142.3	3690.9	961.8
-16.05			3460	3025.6	589.3	-142.3	3245.3	369.5
-25.66			3429	3025.6	1802.2	-142.3	3392.6	1435.2
-18.11			3428	3888.5	1802.2	-142.3	4138.3	1552.3
-12.42			3459	3888.5	589.3	-142.3	4056.8	420.9
-31.34		Min	Cent	642.5	214.2	-764.0	895.1	-38.5
-30.24			3460	576.3	106.6	-764.0	818.1	-135.2
-36.32			3429	576.3	317.0	-764.0	881.2	12.1
-32.39			3428	707.7	317.0	-764.0	970.8	53.9
-27.04			3459	707.7	106.6	-764.0	919.4	-105.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
28.72	Max	Cent	70599.8	29548.8	72777.7	110480.1	14083.6
29.79		3460	64232.4	36999.5	60458.0	77509.6	23722.4
23.10		3429	117233.5	31705.5	62950.7	144079.9	20855.6
21.86		3428	72090.7	28457.3	65173.2	80463.9	20084.1
19.68		3459	132705.6	32654.1	63291.7	155337.9	20391.9
40.79	Min	Cent	-61586.8	-51854.7	-30091.4	-31803.8	-73844.6
		3460	-93076.7	-71720.6	-25752.7	-66695.7	-98101.6

PROJECT TITLE :

	Company		Client	
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66.42							
	3429	-82544.3	-44660.9	-26906.2	-24664.8	-91378.0	
33.75							
	3428	-105693.1	-52091.9	-26349.5	-46632.7	-111152.2	
73.09							
	3459	-85809.6	-51574.9	-25527.5	-7297.6	-92641.8	
19.61							

	NODE	Vxx	Vyy
Max	Cent	94.3	27.8
	3460	71.5	39.1
	3429	71.5	30.1
	3428	197.1	30.1
	3459	197.1	39.1
Min	Cent	-93.7	-39.5
	3460	-164.5	-38.9
	3429	-164.5	-44.9
	3428	-117.6	-44.9
	3459	-117.6	-38.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
4335	1	18	c mob-a	Max	Cent	802.9	100.0	2.4	802.9	99.9	
0.19					3491	858.0	54.9	2.4	858.0	54.9	
0.17					3460	858.0	145.7	2.4	858.0	145.7	
0.19					3459	747.4	145.7	2.4	747.4	145.7	
0.22					3490	747.4	54.9	2.4	747.4	54.9	
0.20					Min	Cent	-7.7	-7.7	-216.1	208.4	-223.9
-45.00					3491	-7.4	-10.5	-216.1	207.2	-225.1	
-44.80					3460	-7.4	-7.4	-216.1	208.7	-223.5	
-45.00					3459	-8.0	-7.4	-216.1	208.4	-223.9	
-45.04					3490	-8.0	-10.5	-216.1	206.9	-225.4	
-44.84											

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	17695.3	5479.2	10483.5	23720.4	-545.8
	3491	20271.8	6282.0	9060.7	24723.6	1830.2
	3460	18299.8	7475.9	8854.1	23265.0	2510.7
	3459	19801.2	6512.3	9389.5	24659.4	1654.1
	3490	18916.2	5601.4	9610.7	23950.1	567.5
Min	Cent	-21580.1	-2237.0	-6108.9	-469.3	-23347.9
	3491	-29460.7	-5014.9	-5417.4	-3868.2	-30607.4
	3460	-19814.9	-2573.8	-5570.5	-930.6	-21458.1
	3459	-30173.0	-2097.5	-5182.7	-1171.3	-31099.1

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Max	Cent	60.7	23.1
	3491	61.8	27.6
Min	3460	61.8	23.6
	3459	78.1	23.6
	3490	78.1	27.6
	Cent	-61.0	-16.5
	3491	-71.1	-11.6
	3460	-71.1	-22.3
	3459	-73.0	-22.3
	3490	-73.0	-11.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.37	pp	Cent	2313.5	255.9	-612.0	2481.8	87.6
-13.75		3491	2476.3	124.8	-612.0	2626.1	-25.0
-15.18		3460	2476.3	387.0	-612.0	2642.4	221.0
-17.38		3459	2150.7	387.0	-612.0	2342.3	195.5
-15.57		3490	2150.7	124.8	-612.0	2321.2	-45.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
67.18	Cent	-37457.3	-152.4	19074.2	7873.6	-45483.3
73.43	3491	-57360.9	-8652.1	15895.2	-3923.9	-62089.1
62.69	3460	-18243.9	4154.6	15772.1	12299.1	-26388.4
74.76	3459	-55976.6	2311.5	17158.2	6987.3	-60652.4
59.92	3490	-18247.8	1576.2	17281.3	11586.4	-28257.9

NODE	Vxx	Vyy
Cent	0.7	-9.0
3491	-40.6	-5.3
3460	-40.6	-12.6
3459	42.1	-12.6
3490	42.1	-5.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
83.56	vento -y	Cent	-28.7	4.3	3.8	4.7	-29.1
83.88		3491	-29.0	5.7	3.8	6.1	-29.4
83.36		3460	-29.0	2.9	3.8	3.3	-29.5
83.21		3459	-28.3	2.9	3.8	3.3	-28.8
83.75		3490	-28.3	5.7	3.8	6.1	-28.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-41.60          Cent      215.7      179.8      -150.7      349.5      45.9
-31.27          3491      395.6      264.8      -125.8      472.0      188.4
-55.40          3460       47.2       143.8      -127.2      231.5      -40.6
-29.09          3459      329.9      160.6      -136.4      405.8      84.7
-51.25          3490       90.0       149.9      -135.1      258.3      -18.4
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.0      0.1
          3491      0.4      0.1
          3460      0.4      0.1
          3459     -0.3      0.1
          3490     -0.3      0.1
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1      Cent      -50.8     -17.1      29.8      0.3      -68.2
59.71          3491     -50.1      -5.3      29.8      9.6      -65.0
63.45          3460     -50.1     -29.0      29.8     -7.9     -71.2
54.74          3459     -51.5     -29.0      29.8     -8.4     -72.1
55.33          3490     -51.5      -5.3      29.8      9.3     -66.1
63.87
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent     15640.9  -55443.2  11408.2  17427.0  -57229.2
8.90          3491      757.5   -55823.9  10668.8   2702.3  -57768.7
10.33         3460     28238.1  -56034.7  12406.6  30026.6  -57823.2
8.20          3459     11769.8  -66536.7   9599.7  12929.5  -67696.3
6.89          3490     21798.4  -43377.4   7862.0  22733.4  -44312.3
6.78
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent     -12.3     -1.1
          3491     -30.6    -18.2
          3460     -30.6     16.0
          3459      6.0     16.0
          3490      6.0    -18.2
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm          Cent      663.0      93.0     -188.9     719.9     36.1
-16.77        3491      708.6      49.9     -188.9     758.9     -0.4
-14.92        3460      708.6     136.1     -188.9     765.3     79.4
    
```


PROJECT TITLE :

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-16.71			3459	617.5	136.1	-188.9	682.8	70.8
-19.06			3490	617.5	49.9	-188.9	674.6	-7.2
-16.82								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Cent	-10234.5	382.4	9190.0	5686.9	-15539.0
60.01			3491	-19193.1	-4127.7	7802.7	-814.9	-22505.8
67.00			3460	-1755.4	1388.1	7618.8	7595.6	-7962.9
50.83			3459	-19501.3	1803.4	8158.9	4568.9	-22266.9
71.28			3490	-488.2	2465.7	8342.8	9461.3	-7483.8
50.02								

			NODE	Vxx	Vyy
			Cent	1.4	-7.6
			3491	-18.1	-6.3
			3460	-18.1	-8.8
			3459	21.0	-8.8
			3490	21.0	-6.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~1	Max	Cent	1746.9	233.5	-155.1	1769.2	211.2
-6.87				3491	1866.8	128.4	-155.1	1886.3	109.1
-6.01				3460	1866.8	339.2	-155.1	1888.9	317.1
-6.81				3459	1626.6	339.2	-155.1	1652.6	313.2
-8.02				3490	1626.6	128.4	-155.1	1649.1	106.8
-6.93			Min	Cent	598.3	65.4	-480.7	855.5	-192.1
-29.71				3491	645.4	30.5	-480.7	883.7	-217.3
-27.85				3460	645.4	96.7	-480.7	898.9	-156.7
-29.34				3459	550.7	96.7	-480.7	828.5	-181.1
-31.64				3490	550.7	30.5	-480.7	811.1	-239.0
-30.01									

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	68731.3	28982.9	46197.1	87464.5	4218.7
22.07				3491	56120.1	32356.9	40734.8	76051.1	11668.4
34.53				3460	98852.5	39170.0	42629.4	112861.1	20824.5
18.19				3459	63801.3	30301.6	39720.3	77654.2	9146.3
19.23				3490	89953.1	25122.4	37827.9	101865.8	9748.1
17.48									

PROJECT TITLE :

	Company		Client	
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-13.82	Min	Cent	-59690.8	-58080.7	-15082.2	-43146.0	-63432.4
-78.82		3491	-83029.3	-66721.7	-13868.5	-66089.1	-85603.8
-5.72		3460	-65207.2	-62382.9	-14978.2	-36711.5	-68799.5
-73.85		3459	-89458.9	-67564.9	-12798.6	-66638.9	-91274.0
-42.24		3490	-66193.2	-45067.4	-11342.5	-41234.4	-68129.6

		NODE	Vxx	Vyy
Max	Cent		83.4	23.7
	3491		65.2	31.0
	3460		65.2	39.1
	3459		132.4	39.1
	3490		132.4	31.0
Min	Cent		-93.2	-30.9
	3491		-144.8	-40.3
	3460		-144.8	-38.9
	3459		-77.6	-38.9
	3490		-77.6	-40.3

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-15.37	INV TO~2	Max	Cent	3123.2	345.5	-155.1	3350.4	211.2
-13.75			3491	3343.0	168.5	-155.1	3545.2	109.1
-15.18			3460	3343.0	522.5	-155.1	3567.2	317.1
-17.38			3459	2903.4	522.5	-155.1	3162.0	313.2
-15.57			3490	2903.4	168.5	-155.1	3133.6	106.8
-29.71		Min	Cent	598.3	65.4	-826.2	855.5	-192.1
-27.85			3491	645.4	30.5	-826.2	883.7	-217.3
-29.34			3460	645.4	96.7	-826.2	898.9	-156.7
-31.64			3459	550.7	96.7	-826.2	828.5	-181.1
-30.01			3490	550.7	30.5	-826.2	811.1	-239.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

22.07		Max	Cent	68731.3	28982.9	46197.1	87464.5	4218.7
34.53			3491	56120.1	32356.9	40734.8	76051.1	11668.4
18.19			3460	98852.5	39170.0	42629.4	112861.1	20824.5
19.23			3459	63801.3	30301.6	39720.3	77654.2	9146.3
17.48			3490	89953.1	25122.4	37827.9	101865.8	9748.1
-13.82		Min	Cent	-59690.8	-58080.7	-15082.2	-43146.0	-63432.4
-78.82			3491	-83029.3	-66721.7	-13868.5	-66089.1	-85603.8
			3460	-65207.2	-62382.9	-14978.2	-36711.5	-68799.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-5.72							
	3459	-89458.9	-67564.9	-12798.6	-66638.9	-91274.0	
-73.85							
	3490	-66193.2	-45067.4	-11342.5	-41234.4	-68129.6	
-42.24							

	NODE	Vxx	Vyy
Max	Cent	83.4	23.7
	3491	65.2	31.0
	3460	65.2	39.1
	3459	132.4	39.1
	3490	132.4	31.0
Min	Cent	-93.2	-30.9
	3491	-144.8	-40.3
	3460	-144.8	-38.9
	3459	-77.6	-38.9
	3490	-77.6	-40.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4372	1	18	c mob-a	Max	Cent	2.9	0.3	35.1	36.7	-33.5
43.92					4637	2.9	0.4	35.1	36.8	-33.5
44.01					4607	2.9	0.6	35.1	36.9	-33.4
44.08					4606	3.0	0.6	35.1	36.9	-33.3
44.03					4636	3.0	0.4	35.1	36.8	-33.4
43.96				Min	Cent	-980.5	-41.6	-26.8	-40.9	-981.3
-88.37					4637	-978.5	-43.9	-26.8	-43.1	-979.3
-88.36					4607	-978.5	-41.9	-26.8	-41.1	-979.3
-88.36					4606	-982.5	-41.9	-26.8	-41.1	-983.3
-88.37					4636	-982.5	-43.9	-26.8	-43.1	-983.3
-88.37										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	135150.0	36150.0	58346.3	162165.0	9135.0
24.84		4637	143252.8	49225.1	48591.9	163851.6	28626.2
22.97		4607	136434.0	43072.1	49558.5	157835.0	21671.1
23.36		4606	207211.7	43920.3	52797.7	222795.7	28336.3
16.44		4636	176782.7	49167.2	50015.1	194048.6	31901.2
19.05	Min	Cent	-38406.2	-13507.4	-75671.8	50732.2	-102645.8
-49.67		4637	-70118.6	-23111.2	-63728.5	21309.7	-114539.5
-55.12		4607	-66150.7	-27449.9	-60429.8	16652.0	-110252.6
-53.88		4606	-87470.6	-22451.7	-65205.4	17899.1	-127821.4
-58.25		4636	-96507.2	-22439.2	-68518.4	18413.2	-137359.6
-59.20							

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	NODE	Vxx	Vyy
Max	Cent	123.6	57.8
	4637	86.6	77.8
	4607	86.6	80.9
	4606	191.8	80.9
	4636	191.8	77.8
Min	Cent	-140.5	-45.8
	4637	-81.6	-56.3
	4607	-81.6	-52.2
	4606	-232.2	-52.2
	4636	-232.2	-56.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

44.17	c mob-b	Max	Cent	2.2	0.3	33.0	34.2	-31.8
44.31			4637	2.1	0.5	33.0	34.3	-31.7
44.35			4607	2.1	0.6	33.0	34.4	-31.6
44.31			4606	2.2	0.6	33.0	34.4	-31.6
44.27			4636	2.2	0.5	33.0	34.4	-31.6
-88.12		Min	Cent	-990.3	-47.3	-31.0	-46.2	-991.3
-88.11			4637	-985.5	-49.6	-31.0	-48.5	-986.5
-88.11			4607	-985.5	-46.7	-31.0	-45.7	-986.5
-88.13			4606	-995.0	-46.7	-31.0	-45.7	-996.1
-88.12			4636	-995.0	-49.6	-31.0	-48.6	-996.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

29.63	Max	Cent	143398.7	49324.7	79071.6	188366.0	4357.4	
28.06			4637	146139.7	61984.3	62655.2	179535.2	28588.8
29.21			4607	139021.8	57460.5	66343.9	176116.5	20365.8
18.24			4606	239528.2	47372.0	71048.3	262944.3	23955.9
20.50			4636	207321.3	52452.5	67303.2	232482.3	27291.6
-46.52		Min	Cent	-42498.9	-32174.0	-97043.3	59844.1	-134517.0
-49.76			4637	-79081.3	-51961.1	-80931.1	16538.0	-147580.4
-47.75			4607	-72373.4	-57525.3	-77122.1	12529.2	-142427.9
-57.59			4606	-98952.9	-20693.8	-83252.8	32166.6	-151813.3
-59.08			4636	-115463.7	-21948.3	-87336.9	30359.7	-167771.8

	NODE	Vxx	Vyy
Max	Cent	138.4	43.1
	4637	92.0	43.0

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	4607	92.0	47.1
	4606	236.1	47.1
	4636	236.1	43.0
Min	Cent	-155.6	-56.7
	4637	-91.1	-60.6
	4607	-91.1	-56.8
	4606	-277.6	-56.8
	4636	-277.6	-60.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

89.49	pp	Cent	-2332.5	-66.5	20.0	-66.3	-2332.7
89.49		4637	-2310.9	-65.5	20.0	-65.3	-2311.0
89.49		4607	-2310.9	-67.5	20.0	-67.3	-2311.0
89.50		4606	-2354.1	-67.5	20.0	-67.3	-2354.3
89.50		4636	-2354.1	-65.5	20.0	-65.3	-2354.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-50.12	Cent	32361.3	35415.0	-8449.7	42474.7	25301.6
-55.97	4637	36173.0	41881.6	-7083.0	46663.8	31390.8
-58.93	4607	29534.7	36418.6	-6513.7	40343.9	25609.5
-25.61	4606	42625.1	30913.9	-7287.3	46118.0	27421.1
-62.90	4636	21112.3	32445.9	-7856.7	36466.1	17092.0

NODE	Vxx	Vyy

Cent	-6.7	16.1
4637	4.6	14.2
4607	4.6	18.0
4606	-18.0	18.0
4636	-18.0	14.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-2.16	vento -y	Cent	47.0	0.9	-1.7	47.0	0.8
-2.31		4637	44.1	0.9	-1.7	44.1	0.8
-2.31		4607	44.1	0.9	-1.7	44.1	0.8
-2.04		4606	49.9	0.9	-1.7	50.0	0.8
-2.04		4636	49.9	0.9	-1.7	50.0	0.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	268.6	972.3	-109.2	988.9	252.1

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-81.38		4637	279.2	1148.9	-93.9	1159.0	269.2
-83.91		4607	294.8	1067.7	-74.1	1074.8	287.7
-84.58		4606	439.7	802.6	-91.7	824.4	417.8
-76.59		4636	60.9	870.0	-111.5	885.1	45.8
-82.29							

NODE	Vxx	Vyy
Cent	-0.2	0.6
4637	-0.0	0.5
4607	-0.0	0.7
4606	-0.3	0.7
4636	-0.3	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.65	cedime~1	Cent	124.3	7.5	-1.3	124.3	7.5
-0.68		4637	118.6	7.6	-1.3	118.6	7.6
-0.68		4607	118.6	7.4	-1.3	118.6	7.4
-0.61		4606	130.0	7.4	-1.3	130.0	7.4
-0.62		4636	130.0	7.6	-1.3	130.0	7.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-1.07	Cent	-1009.3	-3778.8	-51.6	-1008.4	-3779.7
-0.34	4637	-744.5	-4324.7	-21.3	-744.4	-4324.8
-2.22	4607	-1403.0	-4282.0	-111.9	-1398.6	-4286.3
-2.01	4606	-1186.4	-3103.2	-67.5	-1184.0	-3105.6
0.49	4636	-703.5	-3405.2	23.2	-703.3	-3405.4

NODE	Vxx	Vyy
Cent	0.5	-2.3
4637	0.6	-2.0
4607	0.6	-2.5
4606	0.4	-2.5
4636	0.4	-2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.54	perm	Cent	-722.5	-20.7	5.6	-20.7	-722.6
89.54		4637	-714.7	-20.2	5.6	-20.2	-714.8
89.54		4607	-714.7	-21.2	5.6	-21.2	-714.8
89.54		4606	-730.4	-21.2	5.6	-21.2	-730.4

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89.55			4636	-730.4	-20.2	5.6	-20.2	-730.4	
89.55									
			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE									

			Cent	6639.5	755.9	-1770.5	7131.1	264.2	
-15.52			4637	7471.4	132.6	-1473.2	7756.1	-152.1	
-10.94			4607	5315.8	-913.3	-1436.0	5630.9	-1228.5	
-12.38			4606	8756.9	1919.1	-1539.2	9087.4	1588.6	
-12.12			4636	5013.8	1885.3	-1576.4	5670.3	1228.7	
-22.61									
			NODE	Vxx	Vyy				
			Cent	-0.7	-4.9				
			4637	1.6	-5.0				
			4607	1.6	-4.7				
			4606	-3.1	-4.7				
			4636	-3.1	-5.0				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									

		INV TO~1	Max	Cent	-594.3	-12.8	53.0	-8.3	-598.8
84.96				4637	-592.3	-11.9	53.0	-7.3	-596.8
84.95				4607	-592.3	-12.9	53.0	-8.4	-596.8
84.94				4606	-596.3	-12.9	53.0	-8.4	-600.8
84.98				4636	-596.3	-11.9	53.0	-7.4	-600.8
84.99									
			Min	Cent	-2059.4	-84.5	-37.6	-83.9	-2060.1
-88.95				4637	-2045.1	-87.1	-37.6	-86.5	-2045.8
-88.94				4607	-2045.1	-84.2	-37.6	-83.6	-2045.8
-88.94				4606	-2073.7	-84.2	-37.6	-83.6	-2074.3
-88.96				4636	-2073.7	-87.1	-37.6	-86.5	-2074.3
-88.96									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	200227.7	67344.2	104976.2	258021.7	9550.3
28.83				4637	204760.0	83811.4	83111.3	247070.0	41501.4
26.98				4607	192995.2	76658.4	88128.2	240421.0	29232.5
28.29				4606	332120.0	65871.4	94376.0	362179.3	35812.0
17.67				4636	284897.6	72696.2	89306.1	317464.8	40128.9
20.04									
			Min	Cent	-51743.4	-46457.7	-132830.6	83756.3	-181957.4
-45.57									

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-48.31	4637	-100032.9	-74339.7	-110751.5	24307.8	-198680.4
-46.48	4607	-93791.4	-82854.5	-105662.8	17481.2	-194127.1
-56.26	4606	-126015.8	-31493.8	-113998.0	44651.6	-202161.2
-58.31	4636	-151565.7	-31812.8	-119481.3	41935.0	-225313.5

	NODE	Vxx	Vyy
Max	Cent	186.6	73.2
	4637	126.3	100.1
	4607	126.3	104.5
	4606	316.0	104.5
	4636	316.0	100.1
Min	Cent	-210.8	-83.7
	4637	-121.4	-88.8
	4607	-121.4	-83.9
	4606	-377.9	-83.9
	4636	-377.9	-88.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
84.96	INV TO~2	Max	Cent	-594.3	-12.8	53.0	-8.3	-598.8
			4637	-592.3	-11.9	53.0	-7.3	-596.8
84.95			4607	-592.3	-12.9	53.0	-8.4	-596.8
84.94			4606	-596.3	-12.9	53.0	-8.4	-600.8
84.98			4636	-596.3	-11.9	53.0	-7.4	-600.8
84.99		Min	Cent	-3148.8	-89.8	-37.6	-89.5	-3149.1
89.49			4637	-3119.7	-88.4	-37.6	-88.2	-3119.9
89.49			4607	-3119.7	-91.1	-37.6	-90.8	-3119.9
89.49			4606	-3178.0	-91.1	-37.6	-90.9	-3178.3
89.50			4636	-3178.0	-88.4	-37.6	-88.2	-3178.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
28.83	Max	Cent	200227.7	67344.2	104976.2	258021.7	34157.2	
			4637	204760.0	83811.4	83111.3	247070.0	42377.5
26.98			4607	192995.2	76658.4	88128.2	240421.0	34572.8
28.29			4606	332120.0	65871.4	94376.0	362179.3	37018.5
17.67			4636	284897.6	72696.2	89306.1	317464.8	40128.9
20.04		Min	Cent	-51743.4	-46457.7	-132830.6	57340.8	-181957.4
-50.12			4637	-100032.9	-74339.7	-110751.5	24307.8	-198680.4
-48.31			4607	-93791.4	-82854.5	-105662.8	17481.2	-194127.1
-46.48			4606	-126015.8	-31493.8	-113998.0	44651.6	-202161.2

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-56.26
-58.31

	NODE	Vxx	Vyy
Max	Cent	186.6	73.2
	4637	126.3	100.1
	4607	126.3	104.5
	4606	316.0	104.5
Min	4636	316.0	100.1
	Cent	-210.8	-83.7
	4637	-121.4	-88.8
	4607	-121.4	-83.9
	4606	-377.9	-83.9
	4636	-377.9	-88.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4373	1	18	c mob-a	Max	Cent	2.9	0.5	31.9	33.6	-30.2
43.95					4666	2.8	1.8	31.9	34.2	-29.6
44.52					4637	2.8	0.7	31.9	33.7	-30.1
44.07					4636	2.9	0.7	31.9	33.8	-30.1
44.02					4665	2.9	1.8	31.9	34.2	-29.6
44.48				Min	Cent	-980.1	-41.4	-30.1	-40.5	-981.1
-88.17					4666	-979.0	-39.1	-30.1	-38.1	-980.0
-88.17					4637	-979.0	-44.3	-30.1	-43.4	-980.0
-88.16					4636	-981.5	-44.3	-30.1	-43.4	-982.4
-88.16					4665	-981.5	-39.1	-30.1	-38.1	-982.4
-88.17										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	119217.2	43492.7	64293.2	155968.4	6741.5
	4666	127040.7	56840.0	56386.4	158359.1	25521.5
	4637	122183.3	47367.4	53163.0	149780.4	19770.3
	4636	202982.5	50357.8	56019.0	221336.4	32003.9
	4665	164866.7	59044.9	56098.0	189069.7	34841.9
Min	Cent	-43263.8	-14849.2	-81895.5	54062.2	-112175.2
	4666	-79692.2	-24426.0	-67709.3	21071.9	-125190.1
	4637	-75402.5	-28688.0	-66203.8	18158.0	-122248.5
	4636	-102223.0	-21106.5	-71793.3	20792.8	-144122.3
	4665	-114459.9	-17975.4	-73277.0	21514.0	-153949.3

NODE Vxx Vyy

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Max	Cent	121.8	49.2
	4666	84.7	67.9
	4637	84.7	77.8
	4636	196.6	77.8
	4665	196.6	67.9
Min	Cent	-146.3	-51.2
	4666	-82.2	-61.8
	4637	-82.2	-56.3
	4636	-247.8	-56.3
	4665	-247.8	-61.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.30	c mob-b	Max Cent	2.1	0.6	30.1	31.5	-28.7
45.17		4666	2.0	2.4	30.1	32.3	-27.9
44.38		4637	2.0	0.7	30.1	31.5	-28.7
44.34		4636	2.1	0.7	30.1	31.5	-28.7
45.12		4665	2.1	2.4	30.1	32.4	-27.8
-87.94	Min	Cent	-991.0	-47.1	-33.9	-45.8	-992.3
-87.94		4666	-987.0	-44.6	-33.9	-43.4	-988.2
-87.93		4637	-987.0	-50.2	-33.9	-49.0	-988.2
-87.95		4636	-995.1	-50.2	-33.9	-49.0	-996.3
-87.96		4665	-995.1	-44.6	-33.9	-43.4	-996.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
33.62	Max	Cent	125753.4	54158.5	85365.2	182523.1	-2611.2
32.95		4666	128511.0	66072.5	69815.6	173769.5	20813.9
32.94		4637	123490.7	60127.1	70749.1	169327.7	14290.1
19.67		4636	236877.1	54062.5	74938.6	263669.1	27270.4
24.00		4665	195341.1	62566.5	73726.7	228165.2	29742.4
-47.85	Min	Cent	-47204.7	-26328.9	-104711.6	68463.7	-141997.3
-51.61		4666	-89157.8	-48674.3	-86142.7	19572.9	-157405.0
-49.38		4637	-83174.0	-57272.9	-84125.9	14893.5	-155340.4
-58.90		4636	-116757.2	-20717.6	-91065.3	34213.0	-171687.8
-60.55		4665	-135725.3	-23047.3	-93395.8	29686.4	-188459.0

	NODE	Vxx	Vyy
Max	Cent	136.6	36.8
	4666	99.5	34.7
	4637	99.5	43.0
	4636	242.7	43.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	4665	242.7	34.7
	Cent	-162.0	-61.2
	4666	-99.8	-67.8
	4637	-99.8	-60.6
	4636	-295.5	-60.6
	4665	-295.5	-67.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.82	pp	Cent	-2331.4	-56.2	7.0	-56.2	-2331.5
89.82		4666	-2311.0	-47.0	7.0	-47.0	-2311.1
89.82		4637	-2311.0	-65.3	7.0	-65.3	-2311.1
89.82		4636	-2351.8	-65.3	7.0	-65.3	-2351.9
89.82		4665	-2351.8	-47.0	7.0	-47.0	-2351.9
89.83							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.44	Cent	24939.9	39953.9	-8081.7	43477.2	21416.5
-73.12	4666	27851.4	45551.0	-5913.9	47345.2	26057.2
-69.70	4637	23746.0	39396.2	-6707.9	41877.8	21264.4
-44.56	4636	35581.6	35339.7	-7803.8	43265.4	27655.9
-76.26	4665	12580.4	39528.5	-7009.8	41242.9	10866.1

NODE	Vxx	Vyy
Cent	-8.6	10.4
4666	2.4	6.6
4637	2.4	14.2
4636	-19.7	14.2
4665	-19.7	6.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.17	vento -y	Cent	46.4	0.5	-0.9	46.5	0.5
-1.24		4666	43.6	0.2	-0.9	43.6	0.2
-1.26		4637	43.6	0.8	-0.9	43.6	0.7
-1.11		4636	49.3	0.8	-0.9	49.3	0.7
-1.10		4665	49.3	0.2	-0.9	49.3	0.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-82.66	Cent	50.9	1075.2	-134.2	1092.5	33.6
	4666	60.1	1231.5	-90.2	1238.4	53.2

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-85.62							
	4637	97.6	1112.6	-109.3	1124.2	85.9	
-83.92							
	4636	267.8	911.4	-137.1	939.4	239.8	
-78.46							
	4665	-221.7	1045.4	-118.0	1056.3	-232.6	
-84.72							

NODE	Vxx	Vyy
Cent	-0.2	0.4
4666	-0.1	0.3
4637	-0.1	0.5
4636	-0.4	0.5
4665	-0.4	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	123.2	6.8	-1.3	123.2	6.7
-0.64		4666	117.6	6.1	-1.3	117.6	6.1
-0.66		4637	117.6	7.4	-1.3	117.6	7.4
-0.67		4636	128.8	7.4	-1.3	128.8	7.4
-0.61		4665	128.8	6.1	-1.3	128.8	6.1
-0.60							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-309.3	-4059.9	296.1	-286.0	-4083.1
4.49	4666	-237.0	-4604.6	189.7	-228.8	-4612.8
2.48	4637	-567.3	-4289.3	224.4	-553.9	-4302.8
3.44	4636	-883.1	-3441.2	310.7	-845.9	-3478.4
6.83	4665	450.5	-3904.6	275.9	467.9	-3922.0
3.61						

NODE	Vxx	Vyy
Cent	0.8	-1.6
4666	0.3	-1.2
4637	0.3	-2.0
4636	1.2	-2.0
4665	1.2	-1.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-722.7	-17.1	1.9	-17.1	-722.8
89.84		4666	-715.3	-14.0	1.9	-14.0	-715.3
89.84		4637	-715.3	-20.2	1.9	-20.2	-715.3
89.84		4636	-730.2	-20.2	1.9	-20.2	-730.2
89.84		4665	-730.2	-14.0	1.9	-14.0	-730.2

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89.85

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	6004.8	1335.2	-1600.5	6500.7	839.3
-17.22		4666	6663.7	614.2	-1261.6	6916.3	361.6
-11.32		4637	4932.7	-375.2	-1343.3	5253.3	-695.8
-13.42		4636	8021.1	2486.7	-1459.4	8382.4	2125.5
-13.90		4665	4401.7	2615.2	-1377.6	5150.3	1866.6
-28.52							

	NODE	Vxx	Vyy
	Cent	-0.9	-5.2
	4666	1.3	-5.4
	4637	1.3	-5.0
	4636	-3.0	-5.0
	4665	-3.0	-5.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~1	Max	Cent	-595.7	-9.5	45.0	-6.3	-598.9
85.76			4666	-593.9	-4.6	45.0	-1.4	-597.1
85.78			4637	-593.9	-11.9	45.0	-8.6	-597.1
85.73			4636	-597.5	-11.9	45.0	-8.6	-600.7
85.76			4665	-597.5	-4.6	45.0	-1.4	-600.7
85.81		Min	Cent	-2060.7	-80.7	-45.2	-79.7	-2061.6
-88.73			4666	-2047.8	-74.2	-45.2	-73.3	-2048.7
-88.73			4637	-2047.8	-88.0	-45.2	-87.0	-2048.7
-88.72			4636	-2073.5	-88.0	-45.2	-87.1	-2074.5
-88.73			4665	-2073.5	-74.2	-45.2	-73.3	-2074.5
-88.74								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	175771.9	74449.2	113938.7	249534.1	687.0	
32.99			4666	180153.5	89812.0	93179.1	238362.8	31602.8
32.05			4637	171645.2	80796.4	94392.4	230772.1	21669.5
32.12			4636	327805.2	75471.1	100018.4	362447.8	40828.4
19.16			4665	268562.6	87080.0	98429.4	311114.8	44077.3
23.66		Min	Cent	-58030.8	-38268.7	-142961.1	94857.1	-191156.5
-46.98			4666	-113936.3	-69700.7	-117554.2	27611.9	-211248.9
-50.34								

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-48.23	4637	-107919.5	-81982.9	-114913.4	20468.6	-210371.0
-58.00	4636	-150484.2	-29448.1	-124397.5	48091.7	-228024.0
-59.92	4665	-178827.5	-32403.2	-127462.0	41250.2	-252030.4

	NODE	Vxx	Vyy
Max	Cent	184.4	61.2
	4666	135.9	86.2
	4637	135.9	100.1
	4636	325.8	100.1
	4665	325.8	86.2
Min	Cent	-219.6	-89.5
	4666	-133.5	-98.2
	4637	-133.5	-88.8
	4636	-401.9	-88.8
	4665	-401.9	-98.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
85.76	INV TO~2	Max	Cent	-595.7	-9.5	45.0	-6.3	-598.9
85.78			4666	-593.9	-4.6	45.0	-1.4	-597.1
85.73			4637	-593.9	-11.9	45.0	-8.6	-597.1
85.76			4636	-597.5	-11.9	45.0	-8.6	-600.7
85.81			4665	-597.5	-4.6	45.0	-1.4	-600.7
-88.73		Min	Cent	-3147.4	-80.7	-45.2	-79.7	-3147.5
-88.73			4666	-3119.9	-74.2	-45.2	-73.3	-3119.9
89.82			4637	-3119.9	-88.2	-45.2	-88.1	-3119.9
89.82			4636	-3175.0	-88.2	-45.2	-88.1	-3175.0
-88.74			4665	-3175.0	-74.2	-45.2	-73.3	-3175.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
32.99	Max	Cent	175771.9	74449.2	113938.7	249534.1	28912.3	
32.05		4666	180153.5	89812.0	93179.1	238362.8	35177.3	
32.12		4637	171645.2	80796.4	94392.4	230772.1	28707.0	
19.16		4636	327805.2	75471.1	100018.4	362447.8	40828.4	
23.66		4665	268562.6	87080.0	98429.4	311114.8	44077.3	
-66.44		Min	Cent	-58030.8	-38268.7	-142961.1	58694.2	-191156.5
-50.34			4666	-113936.3	-69700.7	-117554.2	27611.9	-211248.9
-48.23			4637	-107919.5	-81982.9	-114913.4	20468.6	-210371.0
-58.00			4636	-150484.2	-29448.1	-124397.5	48091.7	-228024.0
			4665	-178827.5	-32403.2	-127462.0	41250.2	-252030.4

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-59.92

	NODE	Vxx	Vyy
Max	Cent	184.4	61.2
	4666	135.9	86.2
	4637	135.9	100.1
	4636	325.8	100.1
Min	4665	325.8	86.2
	Cent	-219.6	-89.5
	4666	-133.5	-98.2
	4637	-133.5	-88.8
	4636	-401.9	-88.8
	4665	-401.9	-98.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4412	1	18	c mob-a	Max	Cent	513.0	45.4	167.1	566.6	-8.2
17.78					5927	716.4	182.3	167.1	764.4	134.3
16.02					5892	716.4	5.7	167.1	753.7	-31.6
12.60					5891	310.8	5.7	167.1	384.5	-68.0
23.81					5926	310.8	182.3	167.1	425.6	67.5
34.49				Min	Cent	-5.4	-78.0	-1.6	-5.3	-78.1
-1.26					5927	-7.6	-42.4	-1.6	-7.5	-42.5
-2.61					5892	-7.6	-173.0	-1.6	-7.6	-173.0
-0.55					5891	-4.0	-173.0	-1.6	-3.9	-173.0
-0.54					5926	-4.0	-42.4	-1.6	-3.9	-42.5
-2.37										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	91306.9	21714.0	50364.1	117725.9	-4705.0
27.68					5927	96725.1	36721.0	42771.2	118967.7	14478.5
27.48					5892	106995.8	26975.2	42722.8	125518.0	8452.9
23.44					5891	137014.4	33911.6	45000.4	153892.4	17033.6
20.56					5926	127480.4	24858.2	45048.9	144449.9	7888.8
20.64				Min	Cent	-54271.8	-5199.1	-64776.9	39532.7	-99003.6
-55.37					5927	-46033.5	-14882.5	-55168.5	26867.1	-87783.1
-52.88					5892	-103290.5	-19833.5	-57074.2	9139.8	-132263.7
-63.09					5891	-80999.1	-8478.6	-59644.3	25062.7	-114540.3
-60.65					5926	-121325.4	-6151.4	-58189.7	18129.2	-145606.0
-67.35										
				NODE	Vxx	Vyy				
				Max	Cent	98.5	34.0			

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	5927	116.4	51.5
	5892	116.4	58.4
	5891	195.6	58.4
	5926	195.6	51.5
Min	Cent	-130.9	-46.6
	5927	-85.6	-50.5
	5892	-85.6	-53.7
	5891	-243.9	-53.7
	5926	-243.9	-50.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
19.21	c mob-b	Max	Cent	502.0	81.6	166.7	560.0	23.6
17.78			5927	704.7	238.5	166.7	758.2	185.0
12.82			5892	704.7	10.3	166.7	742.6	-27.6
24.38			5891	302.5	10.3	166.7	378.0	-65.3
39.57			5926	302.5	238.5	166.7	440.2	100.8
-2.70		Min	Cent	-5.0	-64.3	-2.8	-4.9	-64.4
-8.18			5927	-6.4	-25.4	-2.8	-6.0	-25.8
-1.00			5892	-6.4	-166.2	-2.8	-6.3	-166.2
-0.99			5891	-3.8	-166.2	-2.8	-3.8	-166.2
-7.26			5926	-3.8	-25.4	-2.8	-3.5	-25.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
18.21	Max	Cent	46354.9	9562.9	13575.1	50821.5	5096.4
17.74		5927	42984.5	13568.8	10482.7	46337.8	10215.4
11.80		5892	55028.1	3352.8	11293.2	57388.4	992.5
6.76		5891	145463.8	37199.4	13025.2	147008.8	35654.4
24.78		5926	31775.6	10953.8	12213.0	37412.9	5316.6
-51.36	Min	Cent	-53723.3	-16726.9	-82011.2	48846.4	-119296.5
-44.20		5927	-10616.5	-14305.6	-65787.6	53352.4	-78274.5
-57.09		5892	-102624.6	-40164.1	-69526.6	4824.2	-147612.9
-45.17		5891	-23833.7	-22892.7	-78483.1	55121.3	-101847.8
-63.55		5926	-125041.7	-11451.9	-75121.0	25927.6	-162421.2

	NODE	Vxx	Vyy
Max	Cent	24.1	1.8
	5927	106.9	2.8
	5892	106.9	8.5
	5891	46.2	8.5
	5926	46.2	2.8
Min	Cent	-121.5	-49.9

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5927 -27.9 -59.2
 5892 -27.9 -54.7
 5891 -278.5 -54.7
 5926 -278.5 -59.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
15.38	pp	Cent	1469.5	-63.6	456.1	1595.0	-189.0
13.94		5927	2056.2	331.3	456.1	2169.4	218.1
9.97		5892	2056.2	-458.4	456.1	2136.4	-538.6
17.11		5891	882.9	-458.4	456.1	1023.3	-598.8
29.42		5926	882.9	331.3	456.1	1140.1	74.0


ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-65.39	Cent	-34546.7	-979.4	-19461.7	7936.1	-43462.2
-59.26	5927	-15717.1	2553.4	-16816.4	12555.6	-25719.3
-72.64	5892	-55681.9	-10033.7	-15818.4	-5088.0	-60627.6
-58.30	5891	-15515.5	1591.9	-17085.3	12145.1	-26068.7
-72.91	5926	-51272.3	1970.6	-18083.3	7531.5	-56833.2

NODE	Vxx	Vyy
Cent	0.9	-11.2
5927	41.6	-14.5
5892	41.6	-8.0
5891	-39.8	-8.0
5926	-39.8	-14.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-86.35	vento -y	Cent	-17.6	7.7	-1.6	7.8	-17.7
-86.80		5927	-22.6	6.2	-1.6	6.3	-22.7
-87.09		5892	-22.6	9.1	-1.6	9.2	-22.7
-85.77		5891	-12.6	9.1	-1.6	9.2	-12.7
-85.13		5926	-12.6	6.2	-1.6	6.4	-12.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
41.33	Cent	204.9	165.5	152.7	339.2	31.3
54.68	5927	37.3	133.5	136.9	230.5	-59.7
	5892	402.7	249.1	120.4	468.7	183.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.74							
		5891	64.5	126.9	127.4	226.9	-35.5
51.88							
		5926	315.1	152.5	143.9	399.1	68.5
30.27							

NODE	Vxx	Vyy
Cent	-0.1	0.1
5927	-0.4	0.1
5892	-0.4	0.1
5891	0.3	0.1
5926	0.3	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	-4.1	23.3	-31.7	44.1	-24.9
-56.70		5927	-20.7	-6.4	-31.7	18.9	-46.1
-51.36		5892	-20.7	53.0	-31.7	64.7	-32.5
-69.68		5891	12.5	53.0	-31.7	70.3	-4.8
-61.30		5926	12.5	-6.4	-31.7	36.1	-30.0
-36.67							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	16282.5	-56033.7	-10490.0	17773.4	-57524.6
-8.09	5927	30771.6	-57885.4	-12924.8	32617.4	-59731.2
-8.13	5892	-3827.7	-56551.2	-8649.1	-2445.1	-57933.7
-9.08	5891	22733.9	-41808.9	-5213.4	23152.3	-42227.3
-4.59	5926	15452.1	-67889.3	-9489.2	16518.9	-68956.1
-6.41						

NODE	Vxx	Vyy
Cent	18.2	-2.8
5927	38.7	15.4
5892	38.7	-20.9
5891	-2.3	-20.9
5926	-2.3	15.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	perm	Cent	421.1	11.4	135.1	461.6	-29.1
16.71		5927	594.3	149.3	135.1	632.1	111.4
15.64		5892	594.3	-126.4	135.1	618.8	-150.9
10.28		5891	247.8	-126.4	135.1	291.5	-170.1
17.92		5926	247.8	149.3	135.1	342.4	54.7
34.98							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-60.29		Cent	-10636.2	463.2	-9389.9	5820.8	-15993.7
-52.68		5927	-2679.8	1669.4	-7919.8	7707.7	-8718.1
-67.08		5892	-19326.7	-4057.0	-7860.5	-733.8	-22649.9
-49.91		5891	-683.7	2253.5	-8483.8	9394.9	-7825.1
-70.98		5926	-19854.5	1987.0	-8543.1	4931.6	-22799.0

NODE	Vxx	Vyy
Cent	-2.0	-7.0
5927	17.2	-8.3
5892	17.2	-5.7
5891	-21.2	-5.7
5926	-21.2	-8.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
18.02	INV TO~1	Max Cent	1113.6	144.9	360.8	1230.9	43.3
16.75		5927	1561.4	471.2	360.8	1670.0	372.1
11.66		5892	1561.4	-59.5	360.8	1635.9	-124.6
21.39		5891	679.9	-59.5	360.8	808.7	-184.8
37.40		5926	679.9	471.2	360.8	943.2	226.1
11.27		Min Cent	409.7	-93.9	99.7	429.6	-125.9
11.33		5927	563.3	85.5	99.7	583.3	59.1
6.45		5892	563.3	-359.9	99.7	574.6	-377.9
11.78		5891	242.5	-359.9	99.7	269.9	-387.3
24.82		5926	242.5	85.5	99.7	301.1	15.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
27.37	Max	Cent	128910.7	29777.1	58601.6	142967.7	-562.4
12.03		5927	158670.7	51242.8	49821.3	166531.8	26712.3
23.52		5892	125117.6	32359.4	49815.2	146801.5	10675.5
12.18		5891	218426.3	52472.7	52266.8	228586.0	35427.1
11.58		5926	167696.2	35545.6	52273.0	176462.5	15555.2
-43.85	Min	Cent	-83903.1	-78151.8	-130594.9	57814.8	-203587.2
-39.55		5927	-64825.1	-76307.4	-109657.9	56494.1	-166855.0
-51.11		5892	-162596.5	-114829.7	-110370.4	-25788.1	-251638.1

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	Company		Client	
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-47.01	5891	-110032.5	-70460.6	-119649.5	41065.7	-198824.9
-55.52	5926	-188660.8	-81362.4	-119445.6	683.9	-255255.0

	NODE	Vxx	Vyy
Max	Cent	149.1	38.9
	5927	213.1	76.6
	5892	213.1	73.1
	5891	242.9	73.1
Min	5926	242.9	76.6
	Cent	-178.8	-77.2
	5927	-98.3	-88.2
	5892	-98.3	-100.5
	5891	-399.5	-100.5
	5926	-399.5	-88.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
15.38	INV TO~2	Max	Cent	1983.9	144.9	615.8	2153.2	43.3
13.94			5927	2775.9	471.2	615.8	2928.7	372.1
9.97		5892	2775.9	-59.5	615.8	2884.1	-124.6	
17.11		5891	1191.8	-59.5	615.8	1381.4	-184.8	
29.42		5926	1191.8	471.2	615.8	1539.1	226.1	
11.27		Min	Cent	409.7	-93.9	99.7	429.6	-255.2
11.33			5927	563.3	85.5	99.7	583.3	59.1
6.45			5892	563.3	-618.9	99.7	574.6	-727.1
11.78			5891	242.5	-618.9	99.7	269.9	-808.4
24.82			5926	242.5	85.5	99.7	301.1	15.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
27.37	Max	Cent	128910.7	29777.1	58601.6	142967.7	-562.4	
12.03		5927	158670.7	51242.8	49821.3	166531.8	26712.3	
23.52		5892	125117.6	32359.4	49815.2	146801.5	10675.5	
12.18		5891	218426.3	52472.7	52266.8	228586.0	35427.1	
11.58		5926	167696.2	35545.6	52273.0	176462.5	15555.2	
-65.39		Min	Cent	-83903.1	-78151.8	-130594.9	10713.7	-203587.2
-59.26			5927	-64825.1	-76307.4	-109657.9	16950.1	-166855.0
-51.11			5892	-162596.5	-114829.7	-110370.4	-25788.1	-251638.1
-58.30			5891	-110032.5	-70460.6	-119649.5	16395.9	-198824.9
-55.52			5926	-188660.8	-81362.4	-119445.6	683.9	-255255.0

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	NODE	Vxx	Vyy
Max	Cent	149.1	38.9
	5927	213.1	76.6
	5892	213.1	73.1
	5891	242.9	73.1
	5926	242.9	76.6
Min	Cent	-178.8	-77.2
	5927	-98.3	-88.2
	5892	-98.3	-100.5
	5891	-399.5	-100.5
	5926	-399.5	-88.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4413	1	18	c mob-a	Max	Cent	721.1	541.9	258.1	904.7	358.3
					5963	688.9	858.9	258.1	1045.7	502.1
					5927	688.9	227.7	258.1	804.4	112.1
					5926	764.1	227.7	258.1	868.1	123.6
					5962	764.1	858.9	258.1	1073.9	549.1
				Min	Cent	-10.1	-40.7	-3.2	-9.8	-41.1
					5963	-7.0	-45.1	-3.2	-6.8	-45.4
					5927	-7.0	-41.7	-3.2	-6.7	-42.0
					5926	-14.3	-41.7	-3.2	-14.0	-42.0
					5962	-14.3	-45.1	-3.2	-14.0	-45.5

ELEM	MAT	SEC	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
4413	1	18	c mob-a	Max	Cent	101824.4	15865.6	33518.1	113349.0	4341.0
					5963	101471.4	13130.5	25033.0	108071.8	6530.1
					5927	102481.8	32729.2	28883.0	112888.9	22322.2
					5926	107349.4	36597.0	33676.2	120815.4	23131.0
					5962	153975.9	7216.4	29839.3	159810.8	1381.4
				Min	Cent	-51652.3	-6289.2	-54351.0	29923.1	-87864.6
					5963	-24408.1	-10219.8	-46119.9	29348.4	-63976.3
					5927	-86525.4	-12822.4	-49409.0	11964.5	-111312.2
					5926	-38119.8	-6090.3	-48154.0	28642.2	-72852.3
					5962	-103105.6	-18758.4	-44878.0	652.5	-122516.5

	NODE	Vxx	Vyy
Max	Cent	124.5	43.8
	5963	90.3	71.2
	5927	90.3	51.5

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	5926	176.1	51.5
	5962	176.1	71.2
Min	Cent	-92.9	-40.9
	5963	-81.1	-32.4
	5927	-81.1	-50.5
	5926	-144.5	-50.5
	5962	-144.5	-32.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.96	c mob-b	Max Cent	726.4	595.9	260.0	929.2	393.0
58.72		5963	674.8	944.9	260.0	1102.8	516.8
26.56		5927	674.8	284.5	260.0	804.8	154.5
22.37		5926	809.3	284.5	260.0	916.3	177.5
52.30		5962	809.3	944.9	260.0	1145.8	608.3
-17.48		Min Cent	-6.9	-14.2	-2.6	-6.0	-15.0
-12.38		5963	-6.4	-17.5	-2.6	-5.9	-18.1
-10.46		5927	-6.4	-19.8	-2.6	-6.0	-20.3
-11.55		5926	-7.8	-19.8	-2.6	-7.3	-20.3
-13.90		5962	-7.8	-17.5	-2.6	-7.2	-18.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
14.53	Max Cent	15159.1	6955.9	2278.2	15749.4	6365.7
5.62	5963	22613.2	3673.2	1882.6	22798.5	3487.9
8.86	5927	14562.3	1408.6	2101.6	14890.0	1081.0
6.51	5926	53682.3	35622.7	2089.4	53920.9	35384.1
9.51	5962	13811.2	2969.1	1867.8	14123.9	2656.3
-53.91	Min Cent	-48871.9	-10761.2	-59274.6	32445.7	-92078.8
-45.30	5963	-9548.2	-8513.1	-49716.7	40688.7	-58750.1
-60.54	5927	-87611.2	-21709.5	-54676.9	9178.0	-118498.6
-49.02	5926	-24542.7	-9478.8	-53314.6	36833.3	-70854.7
-66.93	5962	-105424.8	-12495.2	-48344.9	8093.8	-126013.7

	NODE	Vxx	Vyy
Max	Cent	16.0	1.7
	5963	85.3	1.3
	5927	85.3	2.8
	5926	4.5	2.8
	5962	4.5	1.3
Min	Cent	-31.6	-46.2
	5963	-3.5	-33.4
	5927	-3.5	-59.2

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5926 -127.5 -59.2
5962 -127.5 -33.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
30.69	pp	Cent	2060.2	1272.6	721.7	2488.6	844.3
47.43		5963	1972.9	2095.9	721.7	2758.7	1310.1
21.73		5927	1972.9	449.4	721.7	2260.5	161.8
20.18		5926	2147.6	449.4	721.7	2412.8	184.1
43.97		5962	2147.6	2095.9	721.7	2843.9	1399.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.92	Cent	-27116.5	4071.7	-16243.4	10994.8	-34039.6
-57.82	5963	-6866.0	5431.5	-12808.6	13490.7	-14925.2
-72.42	5927	-46162.8	-3535.7	-15010.0	1219.3	-50917.8
-64.84	5926	-16287.5	8967.5	-15216.7	16113.8	-23433.8
-74.86	5962	-39149.8	5423.6	-13015.3	8945.7	-42671.9

NODE	Vxx	Vyy
Cent	7.9	-14.4
5963	38.6	-14.3
5927	38.6	-14.5
5926	-22.8	-14.5
5962	-22.8	-14.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-74.55	vento -y	Cent	-20.6	-3.4	-5.1	-2.0	-22.0
-64.83		5963	-21.0	-12.5	-5.1	-10.1	-23.4
-79.44		5927	-21.0	5.6	-5.1	6.6	-22.0
-79.15		5926	-20.2	5.6	-5.1	6.6	-21.2
-63.47		5962	-20.2	-12.5	-5.1	-9.9	-22.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.47	Cent	123.5	90.8	184.6	292.4	-78.2
55.77	5963	-79.9	36.9	148.0	137.6	-180.7
33.21	5927	327.6	191.6	155.8	429.6	89.5
	5926	-15.8	86.3	172.0	214.6	-144.2

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53.27
28.46

NODE	Vxx	Vyy
Cent	-0.0	0.1
5963	-0.4	0.1
5927	-0.4	0.1
5926	0.3	0.1
5962	0.3	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-38.87	cedime~1	Cent	-67.3	-80.2	-29.7	-43.3	-104.1
-15.30		5963	-40.7	-141.3	-29.7	-32.6	-149.4
-55.01		5927	-40.7	-19.1	-29.7	1.7	-61.5
-70.74		5926	-93.8	-19.1	-29.7	-8.7	-104.2
-25.69		5962	-93.8	-141.3	-29.7	-79.5	-155.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-26.91	Cent	18965.3	-52704.8	-48981.1	43820.4	-77559.9
-23.22	5963	48068.5	-36603.1	-44515.8	67165.4	-55700.0
-28.16	5927	-18024.5	-67644.6	-37231.9	1906.4	-87575.5
-16.32	5926	73198.2	-56340.1	-41493.8	85349.6	-68491.5
-38.41	5962	-27381.0	-50231.3	-48777.7	11291.7	-88904.1

NODE	Vxx	Vyy
Cent	-21.6	6.1
5963	61.6	-3.2
5927	61.6	15.4
5926	-104.7	15.4
5962	-104.7	-3.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
34.84	perm	Cent	616.0	455.3	217.0	767.0	304.3
54.63		5963	570.7	722.3	217.0	876.3	416.7
24.30		5927	570.7	188.2	217.0	668.6	90.3
21.27		5926	661.3	188.2	217.0	745.7	103.8
49.00		5962	661.3	722.3	217.0	910.9	472.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-65.57		Cent	-9386.9	2088.6	-6566.1	5070.7	-12369.0
		5963	-2006.0	1992.0	-5182.0	5547.2	-5561.3
-55.55		5927	-16282.2	-1051.0	-6198.3	1152.5	-18485.8
-70.43		5926	-4257.9	5106.3	-6153.5	8156.5	-7308.1
-63.63		5962	-15001.3	2307.2	-5137.3	3717.1	-16411.2
-74.65							

	NODE	Vxx	Vyy
	Cent	1.8	-7.4
	5963	14.1	-6.5
	5927	14.1	-8.3
	5926	-10.5	-8.3
	5962	-10.5	-6.5

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

36.74	INV TO~1	Max	Cent	1596.6	1259.8	568.0	2020.6	835.7
			5963	1500.7	1997.8	568.0	2369.3	1129.2
56.82			5927	1500.7	572.3	568.0	1770.1	303.0
25.37			5926	1753.8	572.3	568.0	1982.6	343.6
21.94			5962	1753.8	1997.8	568.0	2456.8	1294.8
51.06		Min	Cent	535.0	320.1	182.9	639.7	215.4
29.78			5963	520.5	520.1	182.9	703.2	337.4
44.97			5927	520.5	112.9	182.9	590.5	42.9
20.96			5926	548.1	112.9	182.9	614.8	46.3
20.03			5962	548.1	520.1	182.9	717.6	350.7
42.81								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

-3.33		Max	Cent	147041.3	23507.2	38683.3	147641.0	10752.7
			5963	183048.8	19718.2	28612.6	184305.8	13006.3
-4.52			5927	122068.3	43133.4	32793.8	133914.7	31287.0
19.86			5926	213861.9	54512.2	39309.3	213884.0	39272.1
-0.58			5962	192866.1	12049.3	35145.8	199457.2	5458.2
10.62		Min	Cent	-79117.4	-65143.8	-135567.9	47005.3	-198238.9
-55.53			5963	-34957.0	-48407.9	-116815.4	49839.6	-138445.5
-49.55			5927	-152581.7	-98003.4	-117244.0	-4914.6	-245670.5
-51.55			5926	-55719.7	-64030.1	-119622.0	50030.9	-149649.6
-53.54								

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Max	Cent	169.8	57.8
	5963	197.5	89.6
Min	5927	197.5	76.6
	5926	227.3	76.6
	5962	227.3	89.6
	Cent	-145.3	-69.7
	5963	-95.4	-54.8
Min	5927	-95.4	-88.2
	5926	-310.3	-88.2
	5962	-310.3	-54.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4420	1	20	c mob-a	Max	Cent	500.5	277.6	3.7	500.6	277.6
	0.96				3461	480.2	173.0	3.7	480.3	173.0
	0.70				3430	480.2	382.7	3.7	480.4	382.6
	2.19				3429	521.8	382.7	3.7	521.9	382.6
	1.53				3460	521.8	173.0	3.7	521.8	173.0
	0.61			Min	Cent	-4.4	-5.2	-225.0	220.2	-229.8
	-44.95				3461	-4.4	-8.1	-225.0	218.8	-231.2
	-44.77				3430	-4.4	-5.8	-225.0	219.9	-230.1
	-44.91				3429	-4.6	-5.8	-225.0	219.8	-230.2
	-44.92				3460	-4.6	-8.1	-225.0	218.7	-231.3
	-44.78									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	6224.0	6748.3	2474.0	8974.0	3998.3
	48.02				3461	8319.2	9700.0	3006.5	12094.3	5924.9
	51.47				3430	8362.8	9275.4	2637.9	11496.2	6142.1
	49.91				3429	5104.8	5610.0	2194.8	7566.6	3148.1
	48.28				3460	6840.3	6460.2	2895.3	9551.7	3748.7
	43.12			Min	Cent	-5374.4	-3057.6	-2213.8	-1717.5	-6714.5
	-58.81				3461	-6169.6	-4198.7	-2545.5	-2454.5	-7913.7
	-55.58				3430	-4595.2	-3875.8	-2766.4	-1445.8	-7025.2
	-48.70				3429	-6416.1	-2704.9	-2696.2	-1287.5	-7833.6
	-62.27				3460	-7572.0	-2571.7	-2226.3	-1724.2	-8419.5
	-69.16									
				NODE	Vxx	Vyy				
				Max	Cent	7.8	11.1			
					3461	8.8	13.9			
					3430	8.8	14.4			
					3429	7.3	14.4			
					3460	7.3	13.9			

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Min	Cent	-9.6	-7.5
	3461	-10.5	-9.1
	3430	-10.5	-6.9
	3429	-9.1	-6.9
	3460	-9.1	-9.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
1.59	c mob-b	Max	Cent	484.5	281.4	5.6	484.6	281.2
1.12			3461	464.9	178.4	5.6	465.0	178.3
3.99			3430	464.9	384.7	5.6	465.3	384.3
2.69			3429	504.2	384.7	5.6	504.4	384.4
0.99			3460	504.2	178.4	5.6	504.3	178.3
-44.92		Min	Cent	-5.0	-6.3	-221.6	215.9	-227.3
-44.81			3461	-5.1	-8.1	-221.6	215.0	-228.2
-44.79			3430	-5.1	-8.3	-221.6	214.9	-228.3
-44.79			3429	-5.1	-8.3	-221.6	214.9	-228.3
-44.81			3460	-5.1	-8.1	-221.6	215.0	-228.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.69	Max	Cent	15880.6	22084.6	5508.2	12661.0
53.44		3461	21547.7	25414.4	6374.3	16820.1
47.83		3430	21635.2	22839.7	6081.6	16126.1
58.60		3429	17206.8	22215.2	4874.3	14231.0
59.10		3460	20425.9	26138.9	5325.9	17238.9
-49.72	Min	Cent	-10490.0	-7879.6	-7855.3	-17147.8
-52.33		3461	-12290.4	-8167.3	-7883.9	-18377.9
-42.36		3430	-9345.5	-11048.7	-9206.5	-19442.9
-59.81		3429	-19128.6	-8922.4	-8978.4	-24352.8
-58.73		3460	-12294.5	-4481.7	-7518.1	-16860.5

	NODE	Vxx	Vyy
Max	Cent	21.3	2.3
	3461	22.6	21.2
	3430	22.6	20.9
	3429	20.7	20.9
	3460	20.7	21.2
Min	Cent	-22.0	-24.5
	3461	-25.9	-34.8
	3430	-25.9	-33.9
	3429	-20.0	-33.9
	3460	-20.0	-34.8

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-31.24	pp	Cent	1447.9	782.1	-639.2	1835.8	394.3
-27.09		3461	1384.9	462.0	-639.2	1711.9	135.1
-38.77		3430	1384.9	1102.3	-639.2	1898.3	588.9
-36.14		3429	1510.9	1102.3	-639.2	1977.7	635.5
-25.32		3460	1510.9	462.0	-639.2	1813.3	159.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
66.85		Cent	-7238.2	-1054.4	3234.6	328.3	-8621.0
59.55		3461	-9494.7	-4882.1	4142.7	-2447.0	-11929.8
62.97		3430	-3974.2	-249.7	2569.7	1061.6	-5285.5
59.42		3429	-1584.1	1569.6	2862.4	3260.8	-3275.2
73.09		3460	-13899.9	-655.6	4435.4	692.5	-15248.1
		NODE	Vxx	Vyy			
		Cent	-8.5	-7.8			
		3461	-4.7	-12.3			
		3430	-4.7	-3.2			
		3429	-12.2	-3.2			
		3460	-12.2	-12.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
69.79	vento -y	Cent	-16.2	-2.1	6.0	0.1	-18.4
73.25		3461	-15.0	3.0	6.0	4.8	-16.8
61.45		3430	-15.0	-7.3	6.0	-4.1	-18.3
64.97		3429	-17.3	-7.3	6.0	-4.5	-20.1
74.78		3460	-17.3	3.0	6.0	4.6	-19.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-74.32		Cent	52.1	150.9	-30.1	159.4	43.7
-78.53		3461	86.5	227.0	-29.7	233.1	80.5
-76.84		3430	19.2	114.2	-23.5	119.7	13.8
-73.46		3429	-23.9	89.8	-37.0	100.8	-34.9
		3460	126.7	172.7	-43.3	198.7	100.7

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-58.99

NODE	Vxx	Vyy
Cent	0.1	0.1
3461	0.0	0.2
3430	0.0	0.0
3429	0.1	0.0
3460	0.1	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.60	cedime~1	Cent	-30.3	-57.4	21.0	-18.8	-68.9
33.65		3461	-21.3	-38.9	21.0	-7.3	-52.9
18.81		3430	-21.3	-75.9	21.0	-14.1	-83.1
24.48		3429	-39.3	-75.9	21.0	-29.7	-85.5
45.27		3460	-39.3	-38.9	21.0	-18.1	-60.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
10.48	Cent	-5883.3	-51191.3	8676.1	-4278.8	-52795.8
6.63	3461	-7311.5	-62086.7	6451.6	-6561.9	-62836.3
14.52	3430	-11107.3	-50530.5	10944.9	-8272.6	-53365.2
14.50	3429	9688.3	-37619.9	13109.0	13078.0	-41009.5
11.72	3460	-14802.9	-54528.0	8615.7	-13014.8	-56316.1

NODE	Vxx	Vyy
Cent	-7.7	-21.5
3461	6.3	-21.8
3430	6.3	-21.1
3429	-21.7	-21.1
3460	-21.7	-21.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-33.92	perm	Cent	413.5	257.1	-192.1	542.7	127.8
-29.52		3461	392.1	161.6	-192.1	500.9	52.8
-42.06		3430	392.1	352.5	-192.1	565.4	179.2
-38.95		3429	434.9	352.5	-192.1	590.2	197.2
-27.29		3460	434.9	161.6	-192.1	534.0	62.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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49.79	Cent	-2436.1	-1869.2	1678.0	-450.9	-3854.3
36.46	3461	-2923.0	-4179.3	2043.6	-1413.2	-5689.1
41.06	3430	-1918.3	-2326.6	1473.5	-634.9	-3610.0
44.94	3429	-56.3	-62.9	1610.3	1550.8	-1669.9
66.04	3460	-4846.7	-907.9	2180.5	60.9	-5815.5

NODE	Vxx	Vyy
Cent	-2.7	-6.7
3461	-0.7	-8.8
3430	-0.7	-4.6
3429	-4.8	-4.6
3460	-4.8	-8.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-19.61	INV TO~1	Max	Cent	1089.2	636.9	-163.5	1154.9	571.2
-15.03			3461	1040.4	402.5	-163.5	1090.0	353.0
-32.72			3430	1040.4	871.8	-163.5	1159.0	753.3
-27.04			3429	1139.2	871.8	-163.5	1233.4	777.7
-13.30			3460	1139.2	402.5	-163.5	1182.9	358.9
-39.48		Min	Cent	376.4	191.1	-495.8	767.5	-200.0
-37.56			3461	364.0	111.8	-495.8	729.1	-253.4
-42.04			3430	364.0	265.4	-495.8	792.0	-162.7
-41.30			3429	388.7	265.4	-495.8	805.8	-151.8
-36.87			3460	388.7	111.8	-495.8	744.8	-244.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
58.07	Max	Cent	19002.8	27945.0	17790.1	33625.5	13322.2
50.27		3461	26166.4	30130.2	17100.4	38980.0	17316.6
46.80		3430	27289.3	28507.0	20628.4	37600.8	18195.4
23.20		3429	32861.2	29927.7	21299.7	41992.3	17690.6
60.93		3460	22728.3	34379.6	17986.1	39587.6	17520.3
-0.35	Min	Cent	-22480.9	-63697.9	-8926.7	-22479.4	-63699.5
-2.43		3461	-26826.6	-77291.9	-8599.7	-26735.3	-77383.2
-0.01		3430	-25642.0	-67772.8	-10955.4	-25642.0	-67772.8
4.40		3429	-25879.9	-49728.0	-10510.5	-15991.4	-49928.1
1.47		3460	-36247.1	-61486.2	-7968.9	-36230.6	-61502.7

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	NODE	Vxx	Vyy
Max	Cent	26.0	8.4
	3461	36.1	19.9
	3430	36.1	23.6
	3429	23.3	23.6
	3460	23.3	19.9
Min	Cent	-40.1	-61.2
	3461	-35.6	-77.6
	3430	-35.6	-71.4
	3429	-53.5	-71.4
	3460	-53.5	-77.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	INV TO~2	Max	Cent	1954.7	1055.9	-163.5	2478.3	571.2
-31.24			3461	1869.7	623.7	-163.5	2311.0	353.0
-27.09			3430	1869.7	1488.1	-163.5	2562.7	795.1
-38.77			3429	2039.8	1488.1	-163.5	2669.9	858.0
-36.14			3460	2039.8	623.7	-163.5	2448.0	358.9
-25.32		Min	Cent	376.4	191.1	-863.0	767.5	-200.0
-39.48			3461	364.0	111.8	-863.0	729.1	-253.4
-37.56			3430	364.0	265.4	-863.0	792.0	-162.7
-42.04			3429	388.7	265.4	-863.0	805.8	-151.8
-41.30			3460	388.7	111.8	-863.0	744.8	-244.3
-36.87								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-----		Max	Cent	19002.8	27945.0	17790.1	33625.5	13322.2
58.07			3461	26166.4	30130.2	17100.4	38980.0	17316.6
50.27			3430	27289.3	28507.0	20628.4	37600.8	18195.4
46.80			3429	32861.2	29927.7	21299.7	41992.3	17690.6
23.20			3460	22728.3	34379.6	17986.1	39587.6	17520.3
60.93		Min	Cent	-22480.9	-63697.9	-8926.7	-22479.4	-63699.5
-0.35			3461	-26826.6	-77291.9	-8599.7	-26735.3	-77383.2
-2.43			3430	-25642.0	-67772.8	-10955.4	-25642.0	-67772.8
-0.01			3429	-25879.9	-49728.0	-10510.5	-15991.4	-49928.1
4.40			3460	-36247.1	-61486.2	-7968.9	-36230.6	-61502.7
1.47								

	NODE	Vxx	Vyy
Max	Cent	26.0	8.4
	3461	36.1	19.9

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	3430	36.1	23.6
	3429	23.3	23.6
	3460	23.3	19.9
Min	Cent	-40.1	-61.2
	3461	-35.6	-77.6
	3430	-35.6	-71.4
	3429	-53.5	-71.4
	3460	-53.5	-77.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

4421	1	20	c mob-a	Max	Cent	574.0	113.0	2.5	574.1
	0.31				3492	577.0	43.3	2.5	577.0
	0.27				3461	577.0	186.5	2.5	577.0
	0.37				3460	571.2	186.5	2.5	571.2
	0.38				3491	571.2	43.3	2.5	571.2
	0.27			Min	Cent	-4.7	-10.1	-205.3	198.0
	-44.63				3492	-4.8	-21.5	-205.3	192.4
	-43.83				3461	-4.8	-7.3	-205.3	199.3
	-44.82				3460	-4.7	-7.3	-205.3	199.4
	-44.81				3491	-4.7	-21.5	-205.3	192.4
	-43.82								

				NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	6345.1	7410.0	2979.5	9904.3
	50.07				3492	8113.8	9956.3	3239.4	12402.9
	52.94				3461	8442.0	9667.3	3274.0	12385.5
	50.30				3460	5878.9	6549.6	3111.7	9344.0
	48.08				3491	6692.0	6089.4	3305.8	9710.2
	42.40			Min	Cent	-6075.6	-3966.2	-1941.5	-2811.4
	-59.26				3492	-7057.6	-5818.9	-2277.4	-4078.2
	-52.61				3461	-6331.2	-4362.8	-2339.7	-2808.7
	-56.41				3460	-5500.2	-2622.3	-2161.7	-1464.4
	-61.83				3491	-8966.9	-3872.5	-1834.8	-3280.5
	-72.12								

				NODE	Vxx	Vyy			

				Max	Cent	8.1	11.5		
					3492	9.5	14.3		
					3461	9.5	13.9		
					3460	7.6	13.9		
					3491	7.6	14.3		
				Min	Cent	-10.1	-9.3		
					3492	-9.9	-11.2		

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3461 -9.9 -9.1
 3460 -11.2 -9.1
 3491 -11.2 -11.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
0.46	c mob-b Max	Cent	556.2	117.8	3.5	556.2	117.8
0.39		3492	558.9	47.7	3.5	558.9	47.7
0.55		3461	558.9	191.4	3.5	558.9	191.4
0.56		3460	554.0	191.4	3.5	554.0	191.4
0.40		3491	554.0	47.7	3.5	554.0	47.7
-44.75	Min	Cent	-5.9	-9.5	-203.0	195.3	-210.8
-44.00		3492	-5.9	-20.0	-203.0	190.2	-216.1
-44.87		3461	-5.9	-7.7	-203.0	196.2	-209.8
-44.89		3460	-6.2	-7.7	-203.0	196.1	-210.0
-44.03		3491	-6.2	-20.0	-203.0	190.0	-216.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
62.06	Max Cent	15941.2	24082.1	6006.1	27267.2	12756.1
54.79		3492	20451.1	25222.3	6706.3	15718.7
51.55		3461	21988.1	25018.9	6508.0	16821.4
61.19		3460	18449.9	25869.6	5848.8	29085.9
60.10		3491	19248.7	26531.8	6255.6	30128.6
-53.16	Min Cent	-9806.8	-6103.0	-6323.0	-1366.3	-14543.6
-55.36		3492	-12497.5	-7416.1	-6713.5	-2778.6
-51.68		3461	-11209.2	-7713.7	-7356.9	-1899.8
-60.79		3460	-14209.1	-6212.1	-6504.1	-2575.8
-63.62		3491	-13768.1	-4879.5	-5845.3	-1980.8

	NODE	Vxx	Vyy
Max	Cent	21.8	2.4
	3492	24.4	18.1
	3461	24.4	21.2
	3460	20.5	21.2
	3491	20.5	18.1
Min	Cent	-23.7	-25.2
	3492	-26.3	-33.7
	3461	-26.3	-34.8
	3460	-23.6	-34.8
	3491	-23.6	-33.7

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-20.00	pp	Cent	1652.8	285.3	-573.6	1861.5	76.6
-17.91		3492	1656.9	67.7	-573.6	1842.3	-117.7
-22.41		3461	1656.9	502.9	-573.6	1893.5	266.4
-22.52		3460	1648.6	502.9	-573.6	1886.4	265.1
-17.98		3491	1648.6	67.7	-573.6	1834.7	-118.5
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

66.03		Cent	-11749.8	-5130.4	3668.4	-3499.3	-13380.9
54.20		3492	-13081.5	-10745.1	3511.7	-8212.4	-15614.1
65.34		3461	-11922.6	-5367.7	3813.4	-3616.8	-13673.5
60.16		3460	-4242.3	1275.9	4717.0	3981.5	-6948.0
71.90		3491	-17752.9	-5684.7	4415.3	-4241.9	-19195.8
		NODE	Vxx	Vyy			

		Cent	-6.8	-13.4			
		3492	-0.1	-14.4			
		3461	-0.1	-12.3			
		3460	-13.5	-12.3			
		3491	-13.5	-14.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

82.05	vento -y	Cent	-18.4	5.2	3.4	5.7	-18.9
82.77		3492	-18.2	7.8	3.4	8.2	-18.7
81.05		3461	-18.2	2.6	3.4	3.1	-18.8
81.19		3460	-18.6	2.6	3.4	3.1	-19.1
82.86		3491	-18.6	7.8	3.4	8.2	-19.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-80.11		Cent	105.0	234.6	-23.3	238.7	100.9
-85.80		3492	133.8	319.3	-13.7	320.3	132.8
-78.52		3461	106.4	231.0	-26.4	236.4	101.1
-73.74		3460	27.9	153.0	-39.9	164.6	16.3
-73.45		3491	151.8	235.2	-27.2	243.2	143.7

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NODE	Vxx	Vyy
Cent	0.1	0.2
3492	0.0	0.2
3461	0.0	0.2
3460	0.1	0.2
3491	0.1	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
48.76	cedime~1	Cent	-26.9	-22.0	18.4	-5.9	-43.1
54.67		3492	-18.8	-5.8	18.4	7.2	-31.9
31.11		3461	-18.8	-38.2	18.4	-7.7	-49.4
42.52		3460	-35.0	-38.2	18.4	-18.1	-55.1
64.17		3491	-35.0	-5.8	18.4	3.1	-44.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
3.76	Cent	-6756.4	-57855.9	3371.9	-6534.8	-58077.4
1.52	3492	-9731.4	-65279.6	1470.3	-9692.5	-65318.5
6.41	3461	-11153.9	-62855.2	5886.3	-10492.2	-63516.9
6.44	3460	1570.1	-51253.4	6043.3	2252.7	-51935.9
2.10	3491	-7710.3	-52035.4	1627.4	-7650.6	-52095.0

NODE	Vxx	Vyy
Cent	-4.0	-26.4
3492	2.1	-30.9
3461	2.1	-21.8
3460	-10.1	-21.8
3491	-10.1	-30.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-21.78	perm	Cent	470.9	104.5	-174.3	540.6	34.8
-19.44		3492	468.2	35.8	-174.3	529.6	-25.7
-24.87		3461	468.2	173.1	-174.3	549.0	92.3
-24.61		3460	473.7	173.1	-174.3	553.5	93.3
-19.26		3491	473.7	35.8	-174.3	534.6	-25.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.17	Cent	-3605.6	-3453.0	1861.4	-1666.4	-5392.2

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27.68	3492	-4002.7	-6581.1	1866.2	-3023.7	-7560.1
42.61	3461	-4090.5	-4412.8	1924.3	-2320.6	-6182.7
46.23	3460	-169.8	27.4	2295.3	2226.2	-2368.6
63.26	3491	-6159.4	-2845.5	2237.1	-1718.6	-7286.4

NODE	Vxx	Vyy
Cent	-2.7	-9.4
3492	0.6	-10.0
3461	0.6	-8.8
3460	-6.0	-8.8
3491	-6.0	-10.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-9.52	INV TO~1	Max	Cent	1245.9	263.5	-151.1	1274.3	235.1
-8.23			3492	1247.1	100.2	-151.1	1271.7	75.7
-11.29			3461	1247.1	431.6	-151.1	1281.0	397.7
-11.31			3460	1244.8	431.6	-151.1	1278.8	397.6
-8.25			3491	1244.8	100.2	-151.1	1269.4	75.6
-33.51		Min	Cent	436.0	68.8	-451.5	722.7	-217.9
-31.52			3492	441.4	0.9	-451.5	707.0	-271.7
-34.95			3461	441.4	124.5	-451.5	744.1	-178.1
-35.28			3460	430.3	124.5	-451.5	736.6	-181.8
-31.81			3491	430.3	0.9	-451.5	698.9	-270.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
59.60	Max	Cent	17914.9	29057.9	13341.5	34907.2	12065.6
50.02		3492	23606.3	27469.0	12390.0	36626.8	14448.4
49.99		3461	25593.4	29362.7	16596.4	38352.7	16603.4
58.31		3460	26307.7	34951.4	16234.5	41243.6	18445.4
60.80		3491	19826.3	32972.3	12309.6	38941.8	13856.9
-4.09	Min	Cent	-23601.2	-69548.0	-6674.8	-23364.9	-69784.2
-6.30		3492	-30605.8	-81872.5	-7197.1	-29973.8	-82504.4
-2.56		3461	-30376.8	-77681.5	-8007.5	-30281.8	-77776.4
-0.61		3460	-19352.1	-59612.3	-6485.2	-17777.3	-59617.0
-7.76		3491	-32456.6	-61468.2	-5654.0	-31908.1	-62016.6

NODE	Vxx	Vyy
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Max	Cent	26.8	6.0
	3492	35.6	14.5
	3461	35.6	19.9
	3460	21.6	19.9
	3491	21.6	14.5
Min	Cent	-38.8	-69.8
	3492	-34.9	-86.5
	3461	-34.9	-77.6
	3460	-48.0	-77.6
	3491	-48.0	-86.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-20.00	INV TO~2	Max Cent	2231.2	385.2	-151.1	2513.0	235.1
-17.91		3492	2236.9	100.2	-151.1	2487.1	75.7
-22.41		3461	2236.9	679.0	-151.1	2556.3	397.7
-22.52		3460	2225.6	679.0	-151.1	2546.6	397.6
-17.98		3491	2225.6	100.2	-151.1	2476.9	75.6
-33.51	Min	Cent	436.0	68.8	-774.3	722.7	-217.9
-31.52		3492	441.4	0.9	-774.3	707.0	-271.7
-34.95		3461	441.4	124.5	-774.3	744.1	-178.1
-35.28		3460	430.3	124.5	-774.3	736.6	-181.8
-31.81		3491	430.3	0.9	-774.3	698.9	-270.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
59.60	Max	Cent	17914.9	29057.9	13341.5	12065.6
50.02		3492	23606.3	27469.0	12390.0	14448.4
49.99		3461	25593.4	29362.7	16596.4	16603.4
58.31		3460	26307.7	34951.4	16234.5	18445.4
60.80		3491	19826.3	32972.3	12309.6	13856.9
-4.09	Min	Cent	-23601.2	-69548.0	-6674.8	-23364.9
-6.30		3492	-30605.8	-81872.5	-7197.1	-29973.8
-2.56		3461	-30376.8	-77681.5	-8007.5	-30281.8
-0.61		3460	-19352.1	-59612.3	-6485.2	-17777.3
-7.76		3491	-32456.6	-61468.2	-5654.0	-31908.1

Max	Cent	26.8	6.0
	3492	35.6	14.5
	3461	35.6	19.9
	3460	21.6	19.9

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Min	3491	21.6	14.5
	Cent	-38.8	-69.8
	3492	-34.9	-86.5
	3461	-34.9	-77.6
	3460	-48.0	-77.6
	3491	-48.0	-86.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		

4458	1	20	c mob-a	Max	Cent	1.8	1.2	41.9	43.4	-40.4	
	44.81				4638	1.8	1.9	41.9	43.7	-40.1	
	45.04				4608	1.8	2.3	41.9	44.0	-39.9	
	45.18				4607	1.9	2.3	41.9	44.0	-39.8	
	45.14				4637	1.9	1.9	41.9	43.8	-40.0	
	45.00				Min	Cent	-646.0	-40.2	-33.5	-38.4	-647.9
	-86.84				4638	-647.7	-42.0	-33.5	-40.2	-649.5	
	-86.84				4608	-647.7	-40.8	-33.5	-38.9	-649.5	
	-86.85				4607	-644.4	-40.8	-33.5	-38.9	-646.3	
	-86.83				4637	-644.4	-42.0	-33.5	-40.1	-646.3	
	-86.83										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin		

				Max	Cent	33832.1	46477.4	15918.5	57282.9	23026.6	
	55.83				4638	27525.4	53151.2	16584.7	61295.9	19380.7	
	63.84				4608	28525.6	51261.5	19795.0	62720.5	17066.5	
	59.93				4607	45765.7	47635.8	18804.1	65528.0	27873.4	
	46.42				4637	48006.9	50555.1	16959.1	66287.9	32274.0	
	47.15				Min	Cent	-12221.5	-28872.6	-18983.9	182.3	-41276.3
	-33.16				4638	-15183.9	-48150.3	-23248.0	-3168.5	-60165.6	
	-27.33				4608	-14233.7	-49925.2	-18079.3	-6676.0	-57482.8	
	-22.69				4607	-21836.5	-22529.4	-18948.7	-3231.1	-41134.8	
	-44.48				4637	-22766.1	-21956.0	-22991.8	634.3	-45356.4	
	-45.50										
				NODE	Vxx	Vyy					
				Max	Cent	23.4	26.6				
					4638	26.8	28.7				
					4608	26.8	28.1				
					4607	27.0	28.1				
					4637	27.0	28.7				
				Min	Cent	-23.6	-122.5				
					4638	-29.5	-125.4				
					4608	-29.5	-126.7				
					4607	-25.4	-126.7				

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			4637	-25.4	-125.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

45.19	c mob-b	Max Cent	1.4	1.9	40.9	42.6	-39.3	
45.40		4638	1.3	2.5	40.9	42.9	-39.0	
45.51		4608	1.3	2.8	40.9	43.0	-38.9	
45.49		4607	1.4	2.8	40.9	43.0	-38.8	
45.39		4637	1.4	2.5	40.9	42.9	-39.0	
-86.89		Min Cent	-649.0	-45.7	-32.9	-43.9	-650.8	
-86.88		4638	-648.9	-48.0	-32.9	-46.2	-650.6	
-86.89		4608	-648.9	-45.4	-32.9	-43.6	-650.6	
-86.89		4607	-649.5	-45.4	-32.9	-43.6	-651.2	
-86.88		4637	-649.5	-48.0	-32.9	-46.2	-651.2	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

63.62		Max Cent	34423.4	61240.3	17635.4	69985.7	25678.0	
66.04		4638	31568.3	65471.9	18769.1	73811.3	23228.9	
62.86		4608	32547.0	63250.2	21342.9	74189.1	21608.1	
55.21		4607	43081.9	59453.7	21984.9	74727.2	27808.4	
56.40		4637	45385.2	61577.8	19264.0	74377.7	32585.3	
-22.56		Min Cent	-13904.9	-55582.5	-20925.9	-5211.6	-64275.8	
-20.04		4638	-18110.6	-77638.2	-25051.7	-8971.0	-86777.8	
-16.53		4608	-17583.2	-79051.5	-20008.4	-11644.1	-84990.5	
-36.90		4607	-25070.6	-37276.2	-20994.3	-9310.1	-53036.7	
-41.24		4637	-26665.4	-33623.4	-26352.5	-3563.3	-56725.5	
		NODE	Vxx	Vyy				
		Max Cent	22.6	16.8				
		4638	26.6	29.6				
		4608	26.6	28.9				
		4607	28.6	28.9				
		4637	28.6	29.6				
		Min Cent	-22.9	-103.8				
		4638	-29.3	-109.6				
		4608	-29.3	-110.8				
		4607	-28.4	-110.8				
		4637	-28.4	-109.6				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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      pp      Cent      -1511.1      -60.5      21.3      -60.2      -1511.4
89.16
      4638      -1502.4      -59.7      21.3      -59.4      -1502.7
89.15
      4608      -1502.4      -61.3      21.3      -61.0      -1502.7
89.15
      4607      -1519.9      -61.3      21.3      -61.0      -1520.2
89.16
      4637      -1519.9      -59.7      21.3      -59.4      -1520.2
89.16

      NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
      Cent      15199.5      41969.7      -1512.1      42054.8      15114.3
-86.78
      4638      14957.6      45451.2      -1816.9      45559.0      14849.7
-86.60
      4608      15808.6      42992.4      -1167.7      43042.4      15758.5
-87.54
      4607      13885.7      38382.4      -1513.6      38475.5      13792.6
-86.48
      4637      16145.9      41052.8      -2162.7      41239.2      15959.5
-85.07

      NODE      Vxx      Vyy
-----
      Cent      0.2      10.7
      4638      -1.1      11.2
      4608      -1.1      10.2
      4607      1.4      10.2
      4637      1.4      11.2

      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
      vento -y      Cent      27.3      0.5      -1.6      27.4      0.4
-3.42
      4638      25.7      0.5      -1.6      25.8      0.4
-3.64
      4608      25.7      0.5      -1.6      25.8      0.4
-3.64
      4607      28.9      0.5      -1.6      29.0      0.5
-3.23
      4637      28.9      0.5      -1.6      29.0      0.4
-3.23

      NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
      Cent      254.9      1232.9      -18.9      1233.3      254.6
-88.89
      4638      256.5      1351.4      -29.7      1352.2      255.7
-88.45
      4608      274.8      1322.6      -5.1      1322.6      274.7
-89.72
      4607      246.4      1114.7      -9.5      1114.9      246.3
-89.37
      4637      242.1      1143.0      -34.1      1144.3      240.8
-87.83

      NODE      Vxx      Vyy
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Cent      -0.0      0.5
4638      -0.0      0.5
4608      -0.0      0.5
4607      -0.0      0.5
4637      -0.0      0.5
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.89	cedime~1	Cent	75.0	7.4	-1.0	75.0	7.4
-0.93		4638	71.7	7.5	-1.0	71.7	7.5
-0.93		4608	71.7	7.4	-1.0	71.7	7.3
-0.84		4607	78.3	7.4	-1.0	78.3	7.4
-0.84		4637	78.3	7.5	-1.0	78.3	7.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.22	Cent	-963.6	-4771.3	-14.4	-963.5	-4771.3
0.54	4638	-969.5	-5127.7	39.4	-969.2	-5128.1
-1.16	4608	-1003.9	-5155.0	-84.4	-1002.2	-5156.7
-1.46	4607	-1048.9	-4424.6	-86.1	-1046.8	-4426.8
0.61	4637	-832.0	-4377.8	37.7	-831.6	-4378.2

NODE	Vxx	Vyy
Cent	0.1	-1.8
4638	0.0	-1.7
4608	0.0	-1.8
4607	0.2	-1.8
4637	0.2	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.21	perm	Cent	-466.7	-18.9	6.1	-18.9	-466.8
89.21		4638	-463.2	-18.5	6.1	-18.5	-463.3
89.21		4608	-463.2	-19.3	6.1	-19.3	-463.3
89.22		4607	-470.1	-19.3	6.1	-19.3	-470.2
89.22		4637	-470.1	-18.5	6.1	-18.5	-470.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-5.65	Cent	1447.5	-1824.4	-326.6	1479.8	-1856.7
-4.88	4638	1077.1	-3039.8	-353.8	1107.3	-3070.0

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-3.76	4608	1196.3	-3550.3	-313.2	1216.9	-3570.9
-10.27	4607	1397.8	-641.7	-382.2	1467.0	-711.0
-10.58	4637	2118.8	-65.8	-422.7	2197.7	-144.7

NODE	Vxx	Vyy
Cent	0.2	-6.8
4638	-0.2	-6.7
4608	-0.2	-6.9
4607	0.5	-6.9
4637	0.5	-6.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
81.02	INV TO~1	Max	Cent	-389.2	-9.0	62.7	0.8	-399.0
81.04			4638	-389.2	-7.7	62.7	2.0	-398.9
81.03			4608	-389.2	-8.2	62.7	1.5	-398.9
81.03			4607	-389.2	-8.2	62.7	1.5	-399.0
81.04			4637	-389.2	-7.7	62.7	2.0	-399.0
-88.23	Min	Cent	Cent	-1342.8	-80.6	-40.1	-79.4	-1344.0
-88.22			4638	-1339.2	-83.3	-40.1	-82.1	-1340.4
-88.22			4608	-1339.2	-80.7	-40.1	-79.5	-1340.4
-88.23			4607	-1346.9	-80.7	-40.1	-79.5	-1348.1
-88.23			4637	-1346.9	-83.3	-40.1	-82.1	-1348.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
62.52	Max	Cent	47919.0	80850.0	23481.1	35705.7	
64.91		4638	43694.3	85347.3	25024.0	31994.3	
61.39		4608	45134.8	81837.4	28499.7	97383.1	29589.2
52.84		4607	63181.4	79620.8	29297.5	101829.8	40972.4
53.75		4637	66928.1	83064.3	25621.5	101821.9	48170.4
-21.04	Min	Cent	-18287.7	-81632.0	-28590.9	-7291.8	-92628.0
-18.80		4638	-24341.8	-112979.2	-34173.5	-12720.5	-124600.5
-15.41		4608	-23544.8	-115424.9	-27408.9	-15989.7	-122980.1
-34.60		4607	-33496.5	-55389.1	-28810.5	-13622.9	-75262.7
-39.06		4637	-34711.5	-49835.1	-35998.6	-5526.0	-79020.6

NODE	Vxx	Vyy
Max Cent	31.9	29.1

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	4638	36.0	33.3
	4608	36.0	32.1
	4607	39.3	32.1
	4637	39.3	33.3
Min	Cent	-31.7	-173.9
	4638	-40.0	-177.6
	4608	-40.0	-179.8
	4607	-37.8	-179.8
	4637	-37.8	-177.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
81.02	INV TO~2	Max	Cent	-389.2	-9.0	62.7	0.8	-399.0
81.04			4638	-389.2	-7.7	62.7	2.0	-398.9
81.03			4608	-389.2	-8.2	62.7	1.5	-398.9
81.03			4607	-389.2	-8.2	62.7	1.5	-399.0
81.04			4637	-389.2	-7.7	62.7	2.0	-399.0
89.16		Min	Cent	-2040.0	-81.7	-40.1	-81.2	-2040.5
-88.22			4638	-2028.2	-83.3	-40.1	-82.1	-2028.7
89.15			4608	-2028.2	-82.7	-40.1	-82.3	-2028.7
89.16			4607	-2051.8	-82.7	-40.1	-82.3	-2052.3
-88.23			4637	-2051.8	-83.3	-40.1	-82.1	-2052.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
62.52	Max	Cent	47919.0	80850.0	23481.1	93063.3	35705.7
64.91		4638	43694.3	85347.3	25024.0	97047.3	31994.3
61.39		4608	45134.8	81837.4	28499.7	97383.1	29589.2
52.84		4607	63181.4	79620.8	29297.5	101829.8	40972.4
53.75		4637	66928.1	83064.3	25621.5	101821.9	48170.4
-21.04	Min	Cent	-18287.7	-81632.0	-28590.9	-7291.8	-92628.0
-18.80		4638	-24341.8	-112979.2	-34173.5	-12720.5	-124600.5
-15.41		4608	-23544.8	-115424.9	-27408.9	-15989.7	-122980.1
-34.60		4607	-33496.5	-55389.1	-28810.5	-13622.9	-75262.7
-39.06		4637	-34711.5	-49835.1	-35998.6	-5526.0	-79020.6

	NODE	Vxx	Vyy
Max	Cent	31.9	29.1
	4638	36.0	33.3
	4608	36.0	32.1
	4607	39.3	32.1
	4637	39.3	33.3
Min	Cent	-31.7	-173.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4638 -40.0 -177.6
 4608 -40.0 -179.8
 4607 -37.8 -179.8
 4637 -37.8 -177.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4459	1	20	c mob-a	Max Cent	1.8	2.1	38.0	39.9	-36.0
45.11				4667	1.8	3.6	38.0	40.7	-35.3
45.66				4638	1.8	2.4	38.0	40.1	-35.9
45.23				4637	1.9	2.4	38.0	40.1	-35.8
45.21				4666	1.9	3.6	38.0	40.7	-35.3
45.64				Min Cent	-646.4	-40.4	-37.5	-38.1	-648.7
-86.47				4667	-647.9	-38.3	-37.5	-36.0	-650.2
-86.49				4638	-647.9	-43.0	-37.5	-40.6	-650.3
-86.47				4637	-644.9	-43.0	-37.5	-40.6	-647.2
-86.45				4666	-644.9	-38.3	-37.5	-36.0	-647.2
-86.48									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.03				Max Cent	31625.1	48240.4	16986.2	58841.7	21023.8
63.22				4667	26959.8	55159.6	19098.3	64798.9	17320.5
61.23				4638	28197.6	53149.1	19617.6	63922.0	17424.8
51.85				4637	42114.9	51260.4	18764.6	66001.4	27374.0
53.25				4666	43789.9	55474.9	19722.9	70202.5	29062.3
-34.24				Min Cent	-13038.7	-28889.5	-20095.8	638.1	-42566.3
-30.06				4667	-15781.9	-42418.9	-23183.3	-2363.7	-55837.1
-25.86				4638	-15014.7	-47427.2	-20533.2	-5062.7	-57379.2
-45.44				4637	-24150.6	-23479.8	-21684.7	-2128.0	-45502.5
-46.52				4666	-25276.2	-22810.1	-23142.1	-868.3	-47218.1
				NODE	Vxx	Vyy			
				Max Cent	23.0	27.1			
				4667	27.4	29.0			
				4638	27.4	28.7			
				4637	26.4	28.7			
				4666	26.4	29.0			
				Min Cent	-23.7	-118.7			
				4667	-30.3	-121.7			
				4638	-30.3	-125.4			
				4637	-25.6	-125.4			
				4666	-25.6	-121.7			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.51	c mob-b Max	Cent	1.3	2.7	37.1	39.1	-35.1
46.12		4667	1.3	4.2	37.1	39.9	-34.4
45.64		4638	1.3	3.0	37.1	39.2	-35.0
45.62		4637	1.3	3.0	37.1	39.3	-35.0
46.10		4666	1.3	4.2	37.1	39.9	-34.4
-86.54	Min	Cent	-650.2	-46.1	-36.7	-43.9	-652.4
-86.55		4667	-649.9	-44.1	-36.7	-41.9	-652.1
-86.52		4638	-649.9	-48.6	-36.7	-46.4	-652.1
-86.52		4637	-650.5	-48.6	-36.7	-46.4	-652.8
-86.55		4666	-650.5	-44.1	-36.7	-41.9	-652.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
64.56	Max	Cent	32246.7	63316.2	19097.8	72399.6	23163.3
64.95		4667	31053.6	67704.3	21923.0	77952.4	20805.6
63.92		4638	32154.5	65294.8	21336.2	75739.5	21709.8
58.16		4637	39024.4	61026.0	22246.7	74843.3	25207.1
58.11		4666	40907.7	63360.6	22794.8	77543.5	26724.8
-25.62	Min	Cent	-14747.7	-50604.0	-22330.5	-4039.0	-61312.7
-22.26		4667	-19315.1	-70578.0	-25202.5	-9000.2	-80892.9
-19.24		4638	-18996.5	-77068.8	-23084.8	-10938.1	-85127.2
-39.44		4637	-28191.7	-37793.6	-24441.9	-8083.7	-57901.6
-41.75		4666	-29772.0	-35881.9	-26848.8	-5804.9	-59848.9

	NODE	Vxx	Vyy
Max	Cent	22.2	17.1
	4667	27.1	29.9
	4638	27.1	29.6
	4637	31.0	29.6
	4666	31.0	29.9
Min	Cent	-23.0	-98.8
	4667	-30.3	-104.6
	4638	-30.3	-109.6
	4637	-31.1	-109.6
	4666	-31.1	-104.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

89.79	pp	Cent	-1510.7	-52.5	5.4	-52.4	-1510.7
89.79		4667	-1501.6	-45.3	5.4	-45.3	-1501.6
89.79		4638	-1501.6	-59.6	5.4	-59.6	-1501.6
89.79		4637	-1519.7	-59.6	5.4	-59.6	-1519.8
89.79		4666	-1519.7	-45.3	5.4	-45.3	-1519.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-87.39		Cent	14150.0	44196.3	-1373.2	44258.9	14087.4
-88.63		4667	14679.4	47942.9	-796.2	47962.0	14660.3
-86.55		4638	15482.6	45556.2	-1818.9	45665.8	15372.9
-85.57		4637	12508.2	40325.2	-2168.4	40493.3	12340.2
-87.74		4666	13930.0	42960.9	-1145.8	43006.0	13884.9

	NODE	Vxx	Vyy
	Cent	-0.2	11.4
	4667	-1.1	11.6
	4638	-1.1	11.2
	4637	0.7	11.2
	4666	0.7	11.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-1.63	vento -y	Cent	27.0	0.2	-0.8	27.0	0.2
-1.72		4667	25.4	0.0	-0.8	25.4	-0.0
-1.75		4638	25.4	0.5	-0.8	25.4	0.4
-1.55		4637	28.6	0.5	-0.8	28.6	0.4
-1.53		4666	28.6	0.0	-0.8	28.6	-0.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-88.81		Cent	217.9	1261.2	-21.7	1261.7	217.4
-89.62		4667	239.2	1388.2	-7.6	1388.2	239.1
-88.38		4638	259.4	1352.0	-30.9	1352.9	258.5
-87.77		4637	192.2	1133.0	-36.7	1134.5	190.7
-89.23		4666	180.8	1171.7	-13.4	1171.8	180.7

	NODE	Vxx	Vyy
	Cent	-0.0	0.5
	4667	-0.0	0.5

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4638 -0.0 0.5
 4637 -0.0 0.5
 4666 -0.0 0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-0.81	cedime~1	Cent	74.4	6.9	-1.0	74.4	6.9
-0.85		4667	71.0	6.4	-1.0	71.1	6.4
-0.86		4638	71.0	7.3	-1.0	71.1	7.3
-0.78		4637	77.7	7.3	-1.0	77.7	7.3
-0.77		4666	77.7	6.4	-1.0	77.7	6.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

0.62	Cent	-833.7	-4790.1	43.1	-833.2	-4790.6
0.23	4667	-894.3	-5208.6	17.1	-894.2	-5208.6
0.68	4638	-950.3	-5123.9	49.7	-949.7	-5124.5
1.03	4637	-797.7	-4370.9	64.1	-796.6	-4372.1
0.48	4666	-692.5	-4457.1	31.6	-692.2	-4457.3

NODE Vxx Vyy

 Cent 0.1 -1.7
 4667 0.1 -1.7
 4638 0.1 -1.7
 4637 0.1 -1.7
 4666 0.1 -1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

89.80	perm	Cent	-466.8	-16.2	1.6	-16.2	-466.8
89.80		4667	-463.3	-13.7	1.6	-13.7	-463.3
89.80		4638	-463.3	-18.6	1.6	-18.6	-463.3
89.80		4637	-470.4	-18.6	1.6	-18.6	-470.4
89.80		4666	-470.4	-13.7	1.6	-13.7	-470.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-5.95	Cent	1402.9	-1372.9	-292.7	1433.4	-1403.4
-3.75	4667	1107.5	-2547.4	-240.4	1123.3	-2563.2
-4.71	4638	1226.9	-3009.9	-351.1	1255.8	-3038.8

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-13.90	4637	1349.4	-219.6	-413.6	1451.8	-322.0
-10.13	4666	1927.7	285.5	-302.9	1981.8	231.4

NODE	Vxx	Vyy
Cent	0.1	-6.5
4667	-0.2	-6.4
4638	-0.2	-6.7
4637	0.4	-6.7
4666	0.4	-6.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
82.45	INV TO~1	Max	Cent	-390.0	-5.7	52.8	1.2	-396.9
82.52			4667	-389.8	-1.7	52.8	5.1	-396.6
82.41			4638	-389.8	-7.2	52.8	-0.3	-396.7
82.42			4637	-390.2	-7.2	52.8	-0.3	-397.1
82.52			4666	-390.2	-1.7	52.8	5.1	-397.0
-87.79		Min	Cent	-1344.6	-78.4	-50.0	-76.5	-1346.5
-87.79			4667	-1340.6	-73.3	-50.0	-71.4	-1342.5
-87.77			4638	-1340.6	-84.2	-50.0	-82.3	-1342.6
-87.78			4637	-1348.6	-84.2	-50.0	-82.3	-1350.5
-87.80			4666	-1348.6	-73.3	-50.0	-71.4	-1350.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.77	Max	Cent	44936.0	84104.0	25532.4	32376.0
63.99			4667	43029.9	88853.4	28703.2
62.72			4638	44635.5	85138.1	29963.0
56.01			4637	58204.6	82165.5	38234.4
56.06			4666	61044.1	85822.3	40540.8
-23.90	Min	Cent	-19340.2	-74478.3	-30438.8	-87945.3
-20.79			4667	-25862.1	-103036.3	-116041.8
-17.97			4638	-25368.7	-112176.6	-122382.5
-37.41			4637	-37507.1	-55612.0	-81112.5
-39.70			4666	-38957.0	-52612.1	-82934.5

NODE	Vxx	Vyy
Max	Cent	31.2
	4667	36.9
	4638	36.9

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	4637	42.3	33.3
	4666	42.3	33.9
Min	Cent	-31.9	-168.5
	4667	-41.1	-172.4
	4638	-41.1	-177.6
	4637	-41.6	-177.6
	4666	-41.6	-172.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

82.45	INV TO~2	Max Cent	-390.0	-5.7	52.8	1.2	-396.9
82.52		4667	-389.8	-1.7	52.8	5.1	-396.6
82.41		4638	-389.8	-7.2	52.8	-0.3	-396.7
82.42		4637	-390.2	-7.2	52.8	-0.3	-397.1
82.52		4666	-390.2	-1.7	52.8	5.1	-397.0
-87.79		Min Cent	-2039.4	-78.4	-50.0	-76.5	-2039.4
-87.79		4667	-2027.2	-73.3	-50.0	-71.4	-2027.2
-87.77		4638	-2027.2	-84.2	-50.0	-82.3	-2027.2
-87.78		4637	-2051.6	-84.2	-50.0	-82.3	-2051.7
-87.80		4666	-2051.6	-73.3	-50.0	-71.4	-2051.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

63.77	Max Cent	44936.0	84104.0	25532.4	96664.0	32376.0
63.99		4667	43029.9	88853.4	29372.8	103180.1
62.72		4638	44635.5	85138.1	28502.3	99810.6
56.01		4637	58204.6	82165.5	29683.6	102135.7
56.06		4666	61044.1	85822.3	30501.6	106325.6
-23.90	Min Cent	-19340.2	-74478.3	-30438.8	-5873.2	-87945.3
-20.79		4667	-25862.1	-103036.3	-34263.8	-12856.6
-17.97		4638	-25368.7	-112176.6	-31515.6	-15162.8
-37.41		4637	-37507.1	-55612.0	-33410.2	-12006.5
-39.70		4666	-38957.0	-52612.1	-36548.8	-8634.6

	NODE	Vxx	Vyy
Max	Cent	31.2	30.1
	4667	36.9	33.9
	4638	36.9	33.3
	4637	42.3	33.3
	4666	42.3	33.9
Min	Cent	-31.9	-168.5
	4667	-41.1	-172.4
	4638	-41.1	-177.6

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
				4637	-41.6	-177.6			
				4666	-41.6	-172.4			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4498	1	20	c mob-a	Max Cent	502.0	68.8	185.3	570.5	0.3
	20.28			5928	530.9	201.0	185.3	614.1	117.9
	24.17			5893	530.9	7.2	185.3	589.8	-51.7
	17.65			5892	473.2	7.2	185.3	537.9	-57.5
	19.25			5927	473.2	201.0	185.3	567.0	107.2
	26.86			Min Cent	-5.1	-66.8	-1.8	-5.1	-66.8
	-1.67			5928	-5.2	-41.9	-1.8	-5.1	-42.0
	-2.80			5893	-5.2	-139.4	-1.8	-5.1	-139.4
	-0.77			5892	-5.3	-139.4	-1.8	-5.3	-139.4
	-0.77			5927	-5.3	-41.9	-1.8	-5.3	-42.0
	-2.81								

ELEM	MAT	SEC	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	22336.8	11233.7	14149.6	31985.0	1585.5
	34.29			5928	19763.7	10177.4	13963.5	29733.8	207.3
	35.53			5893	18968.7	10371.7	16563.0	31781.9	-2441.5
	37.73			5892	35983.0	33300.0	16084.0	50781.4	18501.6
	42.62			5927	32258.6	35260.3	13534.3	47376.7	20142.2
	48.16			Min Cent	-15430.9	-16711.0	-17855.0	1795.5	-33937.4
	-43.97			5928	-18407.4	-29816.5	-20040.4	-3275.5	-44948.4
	-37.06			5893	-14567.7	-30789.9	-18837.9	-2168.9	-43188.7
	-33.35			5892	-33009.9	-14380.7	-19695.2	-1908.6	-45482.0
	-57.66			5927	-14017.8	-8462.8	-19525.0	8481.3	-30961.9
	-49.05								

ELEM	MAT	SEC	LC	NODE	Vxx	Vyy			
				Max Cent	27.5	12.1			
				5928	29.6	14.5			
				5893	29.6	14.9			
				5892	38.6	14.9			
				5927	38.6	14.5			
				Min Cent	-25.8	-115.7			
				5928	-33.3	-119.4			
				5893	-33.3	-119.1			
				5892	-28.4	-119.1			
				5927	-28.4	-119.4			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

21.82	c mob-b	Max	Cent	493.8	111.0	182.5	566.9	37.9
27.10			5928	521.2	257.9	182.5	614.6	164.5
17.96			5893	521.2	17.2	182.5	580.3	-42.0
19.50			5892	468.0	17.2	182.5	532.7	-47.4
30.04			5927	468.0	257.9	182.5	573.6	152.4
-2.71		Min	Cent	-4.4	-52.3	-2.3	-4.2	-52.4
-6.43			5928	-4.6	-24.5	-2.3	-4.4	-24.7
-1.02			5893	-4.6	-131.9	-2.3	-4.6	-132.0
-1.02			5892	-4.1	-131.9	-2.3	-4.1	-132.0
-6.28			5927	-4.1	-24.5	-2.3	-3.9	-24.7

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
22.57		Max	Cent	6534.3	1464.2	2548.3	7593.7	404.8	
49.48			5928	769.4	1314.2	1727.3	2790.4	-706.8	
33.36			5893	4848.8	2028.0	3279.0	7007.9	-131.0	
15.68			5892	15714.9	3071.1	3853.4	16796.7	1989.3	
13.08			5927	11136.1	1809.8	2291.5	11668.8	1277.1	
-35.32		Min	Cent	-14929.3	-27483.2	-17865.2	-2270.4	-40142.1	
-33.12			5928	-18561.6	-35572.8	-19313.2	-5964.0	-48170.4	
-24.05			5893	-11061.7	-45446.7	-19159.1	-2512.2	-53996.3	
-53.16			5892	-32756.8	-20963.0	-20135.7	-5878.5	-47841.4	
-37.42			5927	-2312.5	-14034.4	-21637.9	14244.1	-30591.1	

NODE Vxx Vyy

Max	Cent	13.3	1.7
	5928	3.0	1.3
	5893	3.0	3.0
	5892	35.4	3.0
	5927	35.4	1.3
Min	Cent	-8.6	-62.3
	5928	-20.1	-51.6
	5893	-20.1	-74.9
	5892	-9.3	-74.9
	5927	-9.3	-51.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
17.78	pp	Cent	1440.3	11.5	510.5	1603.9	-152.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

20.79		5928	1520.5	369.4	510.5	1714.3	175.6
14.34		5893	1520.5	-346.4	510.5	1651.0	-476.9
15.45		5892	1360.0	-346.4	510.5	1501.1	-487.4
22.93		5927	1360.0	369.4	510.5	1576.0	153.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-60.88		Cent	-11669.8	-6945.4	-3815.9	-4819.7	-13795.5
-58.73		5928	-12211.9	-7866.7	-4181.2	-5327.4	-14751.2
-44.94		5893	-13413.8	-13427.7	-3453.6	-9967.1	-16874.4
-70.48		5892	-17419.6	-6672.4	-4358.9	-5126.8	-18965.2
-55.29		5927	-3634.0	185.4	-5086.4	3708.8	-7157.4

	NODE	Vxx	Vyy
	Cent	6.9	-16.7
	5928	0.1	-15.3
	5893	0.1	-18.2
	5892	13.8	-18.2
	5927	13.8	-15.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-83.41	vento -y	Cent	-14.8	8.3	-2.7	8.6	-15.1
-83.05		5928	-15.5	6.4	-2.7	6.7	-15.8
-84.04		5893	-15.5	10.1	-2.7	10.4	-15.7
-83.73		5892	-14.2	10.1	-2.7	10.4	-14.5
-82.63		5927	-14.2	6.4	-2.7	6.7	-14.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

78.50		Cent	101.5	218.4	24.8	223.4	96.4
76.68		5928	102.7	214.1	28.0	220.7	96.0
84.57		5893	128.3	298.2	16.3	299.8	126.8
69.81		5892	152.2	220.7	29.1	231.4	141.5
72.65		5927	22.7	140.4	40.8	153.2	10.0

	NODE	Vxx	Vyy
	Cent	-0.1	0.2
	5928	-0.0	0.1
	5893	-0.0	0.2
	5892	-0.1	0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5927			-0.1	0.1			
ANGLE							

	cedime~1	Cent	-9.5	10.7	-18.1	21.3	-20.2
-59.53		5928	-4.5	-18.6	-18.1	7.9	-31.0
-34.38		5893	-4.5	39.9	-18.1	46.4	-10.9
-70.36		5892	-14.5	39.9	-18.1	45.4	-20.0
-73.16		5927	-14.5	-18.6	-18.1	1.7	-34.8
-41.83							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-7181.4	-59352.7	-3193.6	-6986.6	-59547.5
-3.49		5928	-11164.0	-64949.5	-5701.2	-10566.4	-65547.2
-5.98		5893	-10547.7	-66974.6	-1450.4	-10510.4	-67011.8
-1.47		5892	-9451.3	-53569.3	-1587.1	-9394.3	-53626.3
-2.06		5927	2437.4	-51917.6	-5837.8	3057.3	-52537.5
-6.06							
		NODE	Vxx	Vyy			

		Cent	5.9	-28.3			
		5928	-1.1	-24.8			
		5893	-1.1	-31.8			
		5892	12.8	-31.8			
		5927	12.8	-24.8			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	415.4	39.0	147.0	466.0	-11.6
18.99		5928	434.5	163.6	147.0	498.9	99.2
23.67		5893	434.5	-85.7	147.0	473.2	-124.3
14.73		5892	396.3	-85.7	147.0	437.6	-127.0
15.69		5927	396.3	163.6	147.0	467.4	92.5
25.82							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-3661.9	-3031.3	-1889.6	-1430.9	-5262.3
-49.74		5928	-4095.1	-3663.0	-1917.5	-1949.4	-5808.7
-48.21		5893	-3969.5	-5970.8	-1893.5	-2828.5	-7111.8
-31.07		5892	-6147.1	-2676.8	-2282.9	-1544.5	-7279.4
-63.62							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			5927	-435.8	185.2	-2306.9	2202.4	-2453.0
-48.83								
			NODE	Vxx	Vyy			
			Cent	2.5	-8.2			
			5928	-0.7	-7.5			
			5893	-0.7	-9.0			
			5892	5.7	-9.0			
			5927	5.7	-7.5			
	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								
	INV TO~1	Max	Cent	1093.1	199.4	397.2	1242.8	59.2
20.65			5928	1151.2	511.8	397.2	1341.4	321.7
25.58			5893	1151.2	-22.6	397.2	1269.7	-134.7
16.60			5892	1035.1	-22.6	397.2	1163.8	-145.7
17.95			5927	1035.1	511.8	397.2	1249.1	297.8
28.31		Min	Cent	399.0	-51.2	125.8	432.5	-92.5
14.89			5928	423.1	88.4	125.8	465.1	46.4
18.46			5893	423.1	-273.9	125.8	446.3	-302.3
10.47			5892	374.6	-273.9	125.8	399.5	-303.8
11.23			5927	374.6	88.4	125.8	422.0	41.0
20.66								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								
		Max	Cent	26492.9	12134.1	17212.4	37963.2	663.8
33.68			5928	22585.9	10076.4	16933.2	34382.7	-1720.3
34.86			5893	21638.3	8031.0	20466.5	36402.4	-6733.1
35.81			5892	42430.0	42278.3	19430.6	61784.8	22923.4
44.89			5927	45550.6	47786.6	15964.4	61584.4	29315.4
49.16		Min	Cent	-31675.0	-99486.5	-29201.2	-20833.5	-110327.9
-20.37			5928	-40317.3	-116635.8	-34673.2	-26917.3	-130035.8
-21.13			5893	-34183.5	-134298.4	-29208.7	-26284.9	-142196.9
-15.13			5892	-60161.8	-84546.2	-31053.2	-38993.0	-105714.9
-34.28			5927	-19359.9	-70678.8	-37355.9	2220.0	-89821.3
-27.13								
			NODE	Vxx	Vyy			
		Max	Cent	45.5	8.0			
			5928	39.2	12.0			
			5893	39.2	11.2			
			5892	70.6	11.2			
			5927	70.6	12.0			

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	Company		Client	
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Min	Cent	-32.3	-192.7
	5928	-46.8	-193.5
	5893	-46.8	-201.5
	5892	-32.6	-201.5
	5927	-32.6	-193.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
17.78	INV TO~2	Max Cent	1944.3	199.4	689.2	2165.3	59.2
20.79		5928	2052.6	511.8	689.2	2314.3	321.7
14.34		5893	2052.6	-22.6	689.2	2228.8	-134.7
15.45		5892	1836.0	-22.6	689.2	2026.5	-145.7
22.93		5927	1836.0	511.8	689.2	2127.6	297.8
14.89	Min	Cent	399.0	-51.2	125.8	432.5	-205.4
18.46		5928	423.1	88.4	125.8	465.1	46.4
10.47		5893	423.1	-467.6	125.8	446.3	-643.7
11.23		5892	374.6	-467.6	125.8	399.5	-658.0
20.66		5927	374.6	88.4	125.8	422.0	41.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
33.68	Max	Cent	26492.9	12134.1	17212.4	663.8	
34.86		5928	22585.9	10076.4	16933.2	-1720.3	
35.81		5893	21638.3	8031.0	20466.5	-6733.1	
44.89		5892	42430.0	42278.3	19430.6	61784.8	22923.4
49.16		5927	45550.6	47786.6	15964.4	61584.4	29315.4
-20.37	Min	Cent	-31675.0	-99486.5	-29201.2	-110327.9	
-21.13		5928	-40317.3	-116635.8	-34673.2	-26917.3	-130035.8
-15.13		5893	-34183.5	-134298.4	-29208.7	-26284.9	-142196.9
-34.28		5892	-60161.8	-84546.2	-31053.2	-38993.0	-105714.9
-27.13		5927	-19359.9	-70678.8	-37355.9	2220.0	-89821.3

	NODE	Vxx	Vyy
Max	Cent	45.5	8.0
	5928	39.2	12.0
	5893	39.2	11.2
	5892	70.6	11.2
	5927	70.6	12.0
Min	Cent	-32.3	-192.7
	5928	-46.8	-193.5
	5893	-46.8	-201.5
	5892	-32.6	-201.5
	5927	-32.6	-193.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
4499	1	20	c mob-a	Max	Cent	447.8	445.1	196.4	642.8	250.1	
	44.80				5964	432.6	703.1	196.4	806.3	329.4	
	62.27				5928	432.6	182.2	196.4	540.3	74.5	
	28.74				5927	463.7	182.2	196.4	564.6	81.3	
	27.18				5963	463.7	703.1	196.4	813.4	353.4	
	60.68			Min	Cent	-4.5	-36.2	-3.4	-4.2	-36.6	
	-6.09				5964	-4.2	-36.4	-3.4	-3.9	-36.8	
	-6.00				5928	-4.2	-43.0	-3.4	-3.9	-43.3	
	-5.00				5927	-5.1	-43.0	-3.4	-4.8	-43.3	
	-5.11				5963	-5.1	-36.4	-3.4	-4.7	-36.8	
	-6.16										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	22793.7	8287.5	9748.8	27691.6	3389.6	
	26.68				5964	20312.6	9609.9	7168.9	23907.2	6015.3	
	26.63				5928	19087.4	10198.7	13204.0	28574.9	711.1	
	35.70				5927	33185.3	34202.0	12512.0	46216.0	21171.4	
	46.16				5963	32230.1	23237.2	6645.2	35757.1	19710.1	
	27.96			Min	Cent	-13522.0	-15583.7	-14595.8	79.4	-29185.0	
	-42.98				5964	-16055.4	-36073.5	-15668.6	-7471.8	-44657.1	
	-28.71				5928	-11660.0	-30697.2	-17725.0	-1059.4	-41297.8	
	-30.88				5927	-27483.2	-12249.4	-17611.0	-678.7	-39053.9	
	-56.69				5963	-7076.3	-10037.6	-13832.1	5354.2	-22468.1	
	-41.95										
					NODE	Vxx	Vyy				
				Max	Cent	27.8	11.8				
					5964	27.6	15.1				
					5928	27.6	14.5				
					5927	29.4	14.5				
					5963	29.4	15.1				
				Min	Cent	-23.9	-110.8				
					5964	-28.5	-112.3				
					5928	-28.5	-119.4				
					5927	-26.4	-119.4				
					5963	-26.4	-112.3				
					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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48.79          c mob-b Max Cent      440.2      492.3      195.6      663.6      268.9
65.75                                5964      424.3      770.5      195.6      858.6      336.2
33.02                                5928      424.3      250.4      195.6      551.4      123.2
31.03                                5927      457.9      250.4      195.6      575.6      132.7
64.31                                5963      457.9      770.5      195.6      864.6      363.8
-12.26          Min Cent      -4.2      -12.6      -1.9      -3.7      -13.0
-10.63                                5964      -4.2      -14.1      -1.9      -3.8      -14.5
-4.76                                5928      -4.2      -27.1      -1.9      -4.0      -27.3
-4.74                                5927      -4.1      -27.1      -1.9      -4.0      -27.3
-10.55                                5963      -4.1      -14.1      -1.9      -3.8      -14.4

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ANGLE NODE Mxx Myy Mxy Mmax Mmin

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39.28          Max Cent      1456.1     1231.5     555.3     1910.3     777.3
69.25                                5964       627.3     1729.3     487.6     1914.1     442.6
50.37                                5928       890.5     1299.1     1077.2     2191.2     -1.5
23.67                                5927     3421.9     1550.6     1015.5     3867.1     1105.4
7.21                                5963     5191.5     1202.3     513.1     5256.4     1137.4
-35.53          Min Cent     -12752.5   -22818.6   -14668.0   -2278.1   -33293.0
-33.19                                5964     -14552.5   -26100.7   -13202.1   -5917.0   -34736.2
-28.18                                5928    -10493.3   -34473.6   -18021.4    -837.8   -44129.1
-52.59                                5927    -27950.8   -17662.7   -18948.5   -3172.3   -42441.1
-34.28                                5963     -2327.4   -13396.9   -14097.0     7282.5   -23006.7

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-----
          NODE      Vxx      Vyy
Max Cent      12.0      1.1
          5964       1.9      1.7
          5928       1.9      1.3
          5927       27.8     1.3
          5963       27.8     1.7
Min Cent      -0.6     -36.7
          5964      -11.8    -23.6
          5928      -11.8    -51.6
          5927       -1.1    -51.6
          5963       -1.1    -23.6

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ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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-----
38.43          pp Cent      1287.6     1031.4     548.5     1722.8     596.3
56.88                                5964     1241.3     1724.0     548.5     2081.9     883.4

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PROJECT TITLE :

	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.18	cedime~1	Cent	-18.9	-65.7	-14.8	-14.6	-70.0
-8.07		5964	-8.5	-110.9	-14.8	-6.4	-113.0
-34.01		5928	-8.5	-20.5	-14.8	1.5	-30.4
-53.35		5927	-29.3	-20.5	-14.8	-9.4	-40.4
-9.98		5963	-29.3	-110.9	-14.8	-26.7	-113.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-10.71		Cent	-5737.4	-52523.7	-9175.5	-4002.3	-54258.8
-14.68		5964	-11229.3	-52050.7	-11481.7	-8221.5	-55058.5
-6.68		5928	-7331.6	-64183.0	-6750.5	-6541.1	-64973.6
-11.66		5927	-13573.2	-55119.7	-8951.5	-11726.6	-56966.3
-14.86		5963	9184.8	-38741.2	-13682.6	12815.9	-42372.4
		NODE	Vxx	Vyy			
		Cent	6.8	-23.5			
		5964	-6.5	-22.2			
		5928	-6.5	-24.8			
		5927	20.0	-24.8			
		5963	20.0	-22.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.09	perm	Cent	371.7	372.7	162.8	535.0	209.4
63.00		5964	354.1	590.5	162.8	673.5	271.1
29.27		5928	354.1	154.9	162.8	445.3	63.6
27.12		5927	389.3	154.9	162.8	472.7	71.5
60.86		5963	389.3	590.5	162.8	681.3	298.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-55.02		Cent	-2534.8	-1383.1	-1577.9	-279.3	-3638.7
-48.30		5964	-1827.9	-1527.3	-1297.7	-371.2	-2983.9
-41.68		5928	-2976.3	-3439.2	-1986.0	-1208.4	-5207.2
-67.47		5927	-4978.8	-723.4	-2131.8	160.8	-5863.0
-50.04		5963	-356.2	157.3	-1443.4	1366.6	-1565.6

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NODE	Vxx	Vyy
Cent	2.7	-5.4
5964	0.8	-3.3
5928	0.8	-7.5
5927	4.6	-7.5
5963	4.6	-3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
47.04	INV TO~1	Max	Cent	976.3	1037.3	427.9	1435.8	577.8
64.49			5964	938.1	1630.7	427.9	1834.9	733.9
31.26			5928	938.1	492.9	427.9	1197.8	233.1
29.30			5927	1015.3	492.9	427.9	1255.4	252.8
62.86			5963	1015.3	1630.7	427.9	1850.1	796.0
36.42		Min	Cent	346.6	258.1	143.3	452.4	152.4
53.77			5964	339.9	430.5	143.3	535.6	234.9
23.71			5928	339.9	76.3	143.3	402.8	13.4
23.01			5927	353.1	76.3	143.3	413.9	15.5
52.56			5963	353.1	430.5	143.3	540.3	243.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.75	Max	Cent	28236.7	9804.9	11582.9	4218.9
24.92		5964	25594.1	11446.1	8380.4	7553.2
34.26		5928	22791.7	10329.0	15839.4	-460.7
50.40		5927	39821.4	45449.3	14759.4	27610.1
-5.84		5963	52339.1	31527.5	7527.5	52968.6
-23.20	Min	Cent	-26526.9	-84712.0	-30555.2	-97809.4
-22.57		5964	-34732.0	-102277.2	-33932.0	-116379.1
-18.44		5928	-26049.0	-114161.6	-33065.5	-125189.6
-36.15		5927	-56285.6	-79687.7	-36663.8	-106472.3
-39.46		5963	-9909.3	-56669.6	-34157.1	-72846.4

NODE	Vxx	Vyy
Max	Cent	47.0
	5964	38.1
	5928	38.1
	5927	64.3
	5963	64.3
Min	Cent	-29.5
	5964	-44.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5928 -44.2 -193.5
 5927 -31.0 -193.5
 5963 -31.0 -177.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

38.43	INV TO~2	Max Cent	1738.3	1392.4	740.4	2325.7	805.0
56.88		5964	1675.7	2327.4	740.4	2810.5	1192.6
25.28		5928	1675.7	492.9	740.4	2025.4	233.1
23.89		5927	1800.9	492.9	740.4	2128.9	252.8
54.79		5963	1800.9	2327.4	740.4	2850.0	1278.3
36.42		Min Cent	346.6	258.1	143.3	452.4	152.4
53.77		5964	339.9	430.5	143.3	535.6	234.9
23.71		5928	339.9	76.3	143.3	402.8	13.4
23.01		5927	353.1	76.3	143.3	413.9	15.5
52.56		5963	353.1	430.5	143.3	540.3	243.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

25.75	Max Cent	28236.7	9804.9	11582.9	33822.7	4218.9
24.92	5964	25594.1	11446.1	8380.4	29486.9	7553.2
34.26	5928	22791.7	10329.0	15839.4	33581.4	-460.7
50.40	5927	39821.4	45449.3	14759.4	57660.6	27610.1
-5.84	5963	52339.1	31527.5	7527.5	52968.6	27829.9
-23.20	Min Cent	-26526.9	-84712.0	-30555.2	-13429.5	-97809.4
-22.57	5964	-34732.0	-102277.2	-33932.0	-20630.1	-116379.1
-18.44	5928	-26049.0	-114161.6	-33065.5	-15021.0	-125189.6
-36.15	5927	-56285.6	-79687.7	-36663.8	-29501.0	-106472.3
-52.39	5963	-9909.3	-56669.6	-34157.1	4615.1	-72846.4

	NODE	Vxx	Vyy
Max	Cent	47.0	10.5
	5964	38.1	17.1
	5928	38.1	12.0
	5927	64.3	12.0
	5963	64.3	17.1
Min	Cent	-29.5	-178.5
	5964	-44.2	-177.2
	5928	-44.2	-193.5
	5927	-31.0	-193.5
	5963	-31.0	-177.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.44							
		3462	524.6	170.6	7.0	524.8	170.4
1.13							
		3431	524.6	315.8	7.0	524.9	315.6
1.91							
		3430	516.3	315.8	7.0	516.6	315.5
1.99							
		3461	516.3	170.6	7.0	516.5	170.4
1.15							
	Min	Cent	-6.0	-6.3	-286.3	280.1	-292.4
-44.99							
		3462	-6.7	-10.3	-286.3	277.8	-294.7
-44.82							
		3431	-6.7	-6.7	-286.3	279.6	-293.0
-45.00							
		3430	-5.5	-6.7	-286.3	280.2	-292.3
-44.94							
		3461	-5.5	-10.3	-286.3	278.4	-294.1
-44.76							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	13489.0	2195.6	12559.1	21612.5	-5927.9
32.90							
		3462	10264.4	1526.5	10954.1	17688.7	-5897.8
34.13							
		3431	10309.3	2866.8	12753.6	19873.5	-6697.4
36.87							
		3430	30194.9	25238.0	12177.4	40143.5	15289.4
39.25							
		3461	29914.0	27719.8	10909.5	39781.4	17852.3
42.13							
	Min	Cent	-11868.2	-14031.8	-14502.5	1592.8	-27492.8
-42.87							
		3462	-13492.0	-28094.4	-14241.8	-4788.9	-36797.5
-31.43							
		3431	-11419.3	-31348.9	-12733.6	-5215.0	-37553.3
-25.98							
		3430	-13374.0	-12576.1	-13499.8	530.6	-26480.7
-45.85							
		3461	-17610.4	-9257.4	-14306.2	1469.5	-28337.2
-53.14							

		NODE	Vxx	Vyy
	Max	Cent	24.8	1.9
		3462	17.3	2.6
		3431	17.3	3.4
		3430	32.6	3.4
		3461	32.6	2.6
	Min	Cent	-29.4	-103.6
		3462	-21.6	-113.0
		3431	-21.6	-110.5
		3430	-37.4	-110.5
		3461	-37.4	-113.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	1544.9	662.0	-828.6	2042.4	164.5
-30.98							
		3462	1553.5	429.4	-828.6	1992.7	-9.8
-27.93							
		3431	1553.5	894.5	-828.6	2115.7	332.2
-34.16							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-34.41		3430	1536.4	894.5	-828.6	2104.1	326.8
-28.13		3461	1536.4	429.4	-828.6	1979.4	-13.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

60.85	Cent	-10058.1	-4998.7	4095.5	-2714.6	-12342.2
65.43	3462	-18172.5	-11944.0	3600.8	-10297.5	-19819.0
45.55	3431	-2315.7	-2194.7	3155.6	901.0	-5411.4
61.43	3430	-6196.8	-1115.6	3932.6	1025.7	-8338.0
67.58	3461	-13547.5	-4740.4	4377.8	-2934.6	-15353.3

NODE	Vxx	Vyy
Cent	-10.6	-9.8
3462	-14.3	-15.1
3431	-14.3	-4.5
3430	-6.8	-4.5
3461	-6.8	-15.1

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

66.92	vento -y	Cent	-16.2	-0.3	8.3	3.2	-19.7
70.14		3462	-15.6	4.3	8.3	7.3	-18.6
61.42		3431	-15.6	-4.9	8.3	-0.4	-20.1
62.82		3430	-16.8	-4.9	8.3	-0.7	-21.0
70.95		3461	-16.8	4.3	8.3	7.2	-19.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-85.10		Cent	64.6	194.1	-11.2	195.0	63.7
89.09		3462	175.6	310.5	2.1	310.5	175.5
87.77		3431	-42.1	120.3	6.3	120.5	-42.3
-82.22		3430	20.2	122.1	-14.2	124.1	18.2
-81.37		3461	104.9	223.3	-18.4	226.1	102.1

NODE	Vxx	Vyy
Cent	0.1	0.1
3462	0.2	0.2
3431	0.2	0.0
3430	0.1	0.0
3461	0.1	0.2

LC

NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	cedime~1	Cent	Mxx	Myy	Mxy	Mmax	Mmin
26.81		3462	-15.5	-49.2	22.9	-3.9	-60.8
28.98		3431	-9.9	-38.6	22.9	2.8	-51.2
21.25		3430	-9.9	-59.9	22.9	-1.0	-68.8
24.85		3430	-21.1	-59.9	22.9	-10.5	-70.5
34.54		3461	-21.1	-38.6	22.9	-5.3	-54.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.77	Cent	-9848.7	-60716.5	9021.6	-8296.1	-62269.1
6.37	3462	-13433.0	-73186.6	6758.7	-12678.1	-73941.6
9.28	3431	-9989.3	-59180.9	8259.3	-8639.6	-60530.6
14.24	3430	-11344.9	-50022.4	10493.6	-8681.3	-52686.0
8.93	3461	-4627.8	-60475.9	8993.0	-3215.4	-61888.3

NODE	Vxx	Vyy
Cent	4.2	-24.5
3462	-0.7	-26.4
3431	-0.7	-22.7
3430	9.1	-22.7
3461	9.1	-26.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-33.29	perm	Cent	433.9	220.7	-246.1	595.5	59.1
-30.13		3462	434.4	153.1	-246.1	577.2	10.3
-36.73		3431	434.4	288.2	-246.1	618.0	104.5
-36.78		3430	433.5	288.2	-246.1	617.5	104.2
-30.17		3461	433.5	153.1	-246.1	576.6	10.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
34.88	Cent	-3584.6	-5160.9	2138.5	-2093.6	-6651.9
26.69	3462	-6112.7	-8943.9	1904.7	-5155.2	-9901.5
22.99	3431	-1587.3	-4929.3	1729.6	-853.4	-5663.2
45.46	3430	-2713.9	-2645.4	2116.3	-563.0	-4796.2
43.75	3461	-3924.6	-4125.1	2291.4	-1731.2	-6318.5

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          Cent      -2.4      -8.3
          3462      -3.8     -10.6
          3431      -3.8      -6.0
          3430      -0.9      -6.0
          3461      -0.9     -10.6
    
```

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-18.88	INV TO~1	Max	Cent	1159.8	548.6	-213.8	1240.8	467.6
			3462	1165.7	383.4	-213.8	1231.8	317.3
-15.59			3431	1165.7	714.5	-213.8	1267.1	613.1
-23.19			3430	1153.3	714.5	-213.8	1256.6	611.1
-23.59			3461	1153.3	383.4	-213.8	1220.2	316.4
-15.80		Min	Cent	410.3	162.9	-634.5	910.6	-337.4
-39.28			3462	415.4	100.2	-634.5	889.4	-373.8
-37.77			3431	415.4	219.3	-634.5	936.8	-302.1
-40.44			3430	405.1	219.3	-634.5	930.8	-306.5
-40.68			3461	405.1	100.2	-634.5	883.0	-377.7
-38.00								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

42.97		Max	Cent	14625.5	11915.6	28115.0	32411.9	-5870.8
			3462	17770.9	18199.9	23451.5	34679.5	1291.3
45.37			3431	22048.2	22692.1	27206.2	41319.8	3420.4
45.49			3430	38049.1	31426.0	29049.4	53586.6	15888.6
39.94			3461	36459.3	33296.6	26012.3	51970.6	17785.4
42.35		Min	Cent	-29455.5	-84820.3	-17439.9	-28203.8	-86072.0
-8.46			3462	-37760.0	-120058.0	-17321.8	-36425.8	-121392.1
-7.20			3431	-26992.7	-106431.3	-15460.7	-26345.1	-107078.8
-5.14			3430	-32113.7	-69645.5	-16108.4	-31291.8	-70467.4
-8.33			3461	-32326.3	-77098.5	-17021.9	-30930.1	-78494.7
-9.87								

		NODE	Vxx	Vyy
	Max	Cent	35.3	18.5
		3462	22.9	34.3
		3431	22.9	38.8
		3430	52.1	38.8
		3461	52.1	34.3
	Min	Cent	-42.0	-172.7
		3462	-36.4	-189.5
		3431	-36.4	-177.9
		3430	-51.4	-177.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
			3461	-51.4	-189.5			
	INV TO~2	Max	Cent	2085.7	893.6	-213.8	2757.2	467.6
-30.98			3462	2097.2	579.7	-213.8	2690.2	317.3
-27.93			3431	2097.2	1207.5	-213.8	2856.3	613.1
-34.16			3430	2074.1	1207.5	-213.8	2840.5	611.1
-34.41			3461	2074.1	579.7	-213.8	2672.2	316.4
-28.13		Min	Cent	410.3	162.9	-1118.7	910.6	-337.4
-39.28			3462	415.4	100.2	-1118.7	889.4	-373.8
-37.77			3431	415.4	219.3	-1118.7	936.8	-302.1
-40.44			3430	405.1	219.3	-1118.7	930.8	-306.5
-40.68			3461	405.1	100.2	-1118.7	883.0	-377.7
-38.00								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	14625.5	11915.6	28115.0	32411.9	-5870.8	
42.97			3462	17770.9	18199.9	23451.5	1291.3	
45.37			3431	22048.2	22692.1	27206.2	41319.8	3420.4
45.49			3430	38049.1	31426.0	29049.4	53586.6	15888.6
39.94			3461	36459.3	33296.6	26012.3	51970.6	17785.4
42.35		Min	Cent	-29455.5	-84820.3	-17439.9	-28203.8	-86072.0
-8.46			3462	-37760.0	-120058.0	-17321.8	-36425.8	-121392.1
-7.20			3431	-26992.7	-106431.3	-15460.7	-26345.1	-107078.8
-5.14			3430	-32113.7	-69645.5	-16108.4	-31291.8	-70467.4
-8.33			3461	-32326.3	-77098.5	-17021.9	-30930.1	-78494.7
-9.87								

	NODE	Vxx	Vyy
Max	Cent	35.3	18.5
	3462	22.9	34.3
	3431	22.9	38.8
	3430	52.1	38.8
	3461	52.1	34.3
Min	Cent	-42.0	-172.7
	3462	-36.4	-189.5
	3431	-36.4	-177.9
	3430	-51.4	-177.9
	3461	-51.4	-189.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.37							
		3462	658.4	193.1	4.0	658.4	193.1
0.49							
		3461	634.3	193.1	4.0	634.3	193.1
0.52							
		3492	634.3	40.9	4.0	634.3	40.8
0.38							
	Min	Cent	-6.4	-13.6	-226.5	216.5	-236.5
-44.55							
		3493	-6.4	-36.1	-226.5	205.7	-248.2
-43.12							
		3462	-6.4	-8.9	-226.5	218.8	-234.2
-44.84							
		3461	-6.5	-8.9	-226.5	218.8	-234.2
-44.85							
		3492	-6.5	-36.1	-226.5	205.7	-248.3
-43.13							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	13312.5	3394.6	13206.8	22460.6	-5753.5
34.71							
		3493	9943.0	1482.6	11651.5	18108.5	-6682.9
35.02							
		3462	10567.6	1562.9	13365.7	20168.9	-8038.4
35.69							
		3461	30454.9	27195.7	12996.4	41923.4	15727.2
41.43							
		3492	28254.2	27500.9	11438.3	39322.1	16433.0
44.06							
	Min	Cent	-13381.3	-11678.0	-13235.9	733.6	-25792.9
-46.84							
		3493	-15585.0	-27514.4	-13405.0	-6877.6	-36221.9
-33.01							
		3462	-12325.7	-27845.6	-11688.1	-6056.0	-34115.2
-28.21							
		3461	-16224.2	-8584.2	-11664.0	-130.6	-24677.9
-54.07							
		3492	-17890.9	-8190.0	-13003.0	837.8	-26918.7
-55.23							

		NODE	Vxx	Vyy
	Max	Cent	26.4	2.5
		3493	18.3	3.2
		3462	18.3	2.6
		3461	35.0	2.6
		3492	35.0	3.2
	Min	Cent	-29.6	-104.5
		3493	-22.0	-110.3
		3462	-22.0	-113.0
		3461	-37.7	-113.0
		3492	-37.7	-110.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	1911.5	256.3	-639.3	2129.7	38.2
-18.84							
		3493	1943.3	9.9	-639.3	2135.6	-182.3
-16.74							
		3462	1943.3	502.8	-639.3	2186.1	260.0
-20.80							
		3461	1879.7	502.8	-639.3	2130.7	251.7
-21.44							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
35.57          cedime~1      Cent      -13.6      -23.5      14.5      -3.2      -33.8
42.31          3493          -6.1      -8.8      14.5      7.1      -21.9
21.00          3462          -6.1      -38.2     14.5      -0.5     -43.7
29.74          3461         -21.1     -38.2     14.5     -12.9    -46.4
56.57          3492         -21.1     -8.8      14.5      0.8     -30.7
    
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ANGLE          NODE          Mxx          Myy          Mxy          Mmax          Mmin
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-----
4.30          Cent      -11281.1   -69211.3   4383.9   -10951.2   -69541.2
2.67          3493     -14373.7   -78208.2   2987.3   -14234.2   -78347.7
4.48          3462     -12709.7   -73042.0   4754.1   -12337.3   -73414.3
6.03          3461     -10145.7   -61579.5   5495.8   -9565.0    -62160.2
3.78          3492     -7895.4    -64015.4   3729.0   -7648.7    -64262.1
    
```

```

-----
NODE          Vxx          Vyy
-----
Cent          1.2          -28.7
3493          -0.7         -31.1
3462          -0.7         -26.4
3461          3.0          -26.4
3492          3.0          -31.1
    
```

```

ANGLE          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
    
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-----
-20.59        perm      Cent          536.4          98.1         -191.7         608.4          26.1
-18.22        3493          541.9          22.7         -191.7         605.1         -40.5
-23.08        3462          541.9         173.6         -191.7         623.6          91.9
-23.51        3461          530.8         173.6         -191.7         614.2          90.2
-18.52        3492          530.8          22.7         -191.7         595.0         -41.6
    
```

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ANGLE          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
    
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-----
33.26          Cent      -6119.8     -7928.4     2082.1     -4754.1     -9294.1
19.83          3493     -8235.6    -12129.3    1614.1     -7653.5    -12711.4
23.38          3462     -5283.8     -8778.1    1857.7     -4480.7     -9581.2
52.25          3461     -5668.3     -4473.8    2308.8     -2686.3     -7455.9
37.93          3492     -5291.6     -6332.3    2065.2     -3682.2     -7941.7
    
```

```

-----
NODE          Vxx          Vyy
-----
Cent          -0.9         -11.6
    
```


PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

3493 -2.5 -12.5
 3462 -2.5 -10.6
 3461 0.8 -10.6
 3492 0.8 -12.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.72	INV TO~1	Max Cent	1437.2	250.6	-171.9	1465.8	222.0
-7.55		3493	1459.4	77.8	-171.9	1484.1	53.1
-9.99		3462	1459.4	434.3	-171.9	1492.2	401.5
-10.41		3461	1414.9	434.3	-171.9	1449.2	400.1
-7.79		3492	1414.9	77.8	-171.9	1440.4	52.3
-32.37		Min Cent	514.1	54.4	-501.8	823.1	-254.6
-29.92		3493	527.2	-39.3	-501.8	807.7	-324.2
-33.75		3462	527.2	123.4	-501.8	852.8	-202.2
-34.41		3461	500.9	123.4	-501.8	834.8	-210.5
-30.50		3492	500.9	-39.3	-501.8	788.0	-327.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.77	Max Cent	11852.1	10137.4	24295.2	30924.4	-8935.0
45.13	3493	14304.5	14465.5	20331.0	31729.0	-2958.9
44.48	3462	19184.3	18458.0	24655.5	38725.9	-1083.6
42.69	3461	35445.8	32240.4	25349.7	53761.6	13924.6
43.32	3492	32851.6	30793.8	21236.0	49359.9	14285.5
-10.83	Min Cent	-35465.7	-92905.0	-15786.3	-33285.0	-95085.7
-8.92	3493	-43649.1	-127482.0	-16482.7	-41530.2	-129600.9
-6.10	3462	-34633.1	-119411.6	-13921.3	-33653.2	-120391.5
-10.85	3461	-37716.7	-77642.0	-13437.6	-36195.0	-79163.8
-14.05	3492	-37339.7	-81404.2	-15488.9	-34397.7	-84346.2

	NODE	Vxx	Vyy
Max	Cent	36.0	15.4
	3493	25.0	28.9
	3462	25.0	34.3
	3461	51.1	34.3
	3492	51.1	28.9
Min	Cent	-40.8	-181.3
	3493	-36.1	-192.5
	3462	-36.1	-189.5
	3461	-50.0	-189.5
	3492	-50.0	-192.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.84	INV TO~2	Max Cent	2580.5	346.1	-171.9	2875.0	222.0
-16.74		3493	2623.4	77.8	-171.9	2883.0	53.1
-20.80		3462	2623.4	678.7	-171.9	2951.2	401.5
-21.44		3461	2537.6	678.7	-171.9	2876.5	400.1
-17.18		3492	2537.6	77.8	-171.9	2804.5	52.3
-32.37		Min Cent	514.1	54.4	-863.0	823.1	-254.6
-29.92		3493	527.2	-39.3	-863.0	807.7	-324.2
-33.75		3462	527.2	123.4	-863.0	852.8	-202.2
-34.41		3461	500.9	123.4	-863.0	834.8	-210.5
-30.50		3492	500.9	-39.3	-863.0	788.0	-327.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.77	Max Cent	11852.1	10137.4	24295.2	30924.4	-8935.0
45.13	3493	14304.5	14465.5	20331.0	31729.0	-2958.9
44.48	3462	19184.3	18458.0	24655.5	38725.9	-1083.6
42.69	3461	35445.8	32240.4	25349.7	53761.6	13924.6
43.32	3492	32851.6	30793.8	21236.0	49359.9	14285.5
-10.83	Min Cent	-35465.7	-92905.0	-15786.3	-33285.0	-95085.7
-8.92	3493	-43649.1	-127482.0	-16482.7	-41530.2	-129600.9
-6.10	3462	-34633.1	-119411.6	-13921.3	-33653.2	-120391.5
-10.85	3461	-37716.7	-77642.0	-13437.6	-36195.0	-79163.8
-14.05	3492	-37339.7	-81404.2	-15488.9	-34397.7	-84346.2

	NODE	Vxx	Vyy
Max	Cent	36.0	15.4
	3493	25.0	28.9
	3462	25.0	34.3
	3461	51.1	34.3
	3492	51.1	28.9
Min	Cent	-40.8	-181.3
	3493	-36.1	-192.5
	3462	-36.1	-189.5
	3461	-50.0	-189.5
	3492	-50.0	-192.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

PROJECT TITLE :

	Company				Client					
	Author				File Name		impalcatoUP8-UP9-rev6-OUT.anl			

4544	1	19	c mob-a	Max	Cent	2.0	4.8	49.3	52.7	-45.9
45.80										
						4639	2.0	6.0	49.3	-45.3
46.17										
						4609	2.0	6.5	49.3	-45.1
46.30										
						4608	2.0	6.5	49.3	-45.1
46.29										
						4638	2.0	6.0	49.3	-45.3
46.15										
				Min	Cent	-741.9	-39.1	-39.8	-36.9	-744.2
-86.77										
						4639	-745.3	-40.5	-39.8	-747.6
-86.77										
						4609	-745.3	-39.9	-39.8	-747.6
-86.78										
						4608	-738.5	-39.9	-39.8	-740.7
-86.75										
						4638	-738.5	-40.5	-39.8	-740.7
-86.74										

					NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE										

				Max	Cent	28289.4	58521.9	23478.1	71329.2	15482.1
61.39										
						4639	28905.1	67698.3	20299.5	20225.1
66.85										
						4609	28459.8	65615.4	22847.1	17590.6
64.56										
						4608	43089.8	51466.2	25543.7	21393.3
49.66										
						4638	40875.8	53000.9	22319.1	23810.6
52.60										
				Min	Cent	-13371.7	-72550.4	-26873.8	-2989.4	-82932.7
-21.12										
						4639	-16779.1	-100687.9	-25825.9	-107999.6
-15.81										
						4609	-16328.9	-103046.5	-21829.3	-108231.6
-13.36										
						4608	-18509.6	-45357.0	-25251.1	-60530.7
-31.00										
						4638	-18960.2	-44500.1	-29338.1	-63726.9
-33.24										

					NODE	Vxx	Vyy				

				Max	Cent	31.3	33.3				
						4639	23.7	42.5			
						4609	23.7	41.8			
						4608	39.1	41.8			
						4638	39.1	42.5			
				Min	Cent	-33.7	-131.4				
						4639	-24.8	-135.8			
						4609	-24.8	-137.2			
						4608	-43.0	-137.2			
						4638	-43.0	-135.8			

					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE											

				c mob-b	Max	Cent	1.5	5.2	48.6	52.0	-45.3
46.08											
						4639	1.5	6.5	48.6	52.6	-44.6
46.48											
						4609	1.5	7.0	48.6	52.9	-44.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.62							
		4608	1.5	7.0	48.6	52.9	-44.4
46.61							
		4638	1.5	6.5	48.6	52.7	-44.6
46.47							
	Min	Cent	-741.2	-43.7	-40.1	-41.4	-743.5
-86.72							
		4639	-742.6	-45.9	-40.1	-43.6	-744.9
-86.72							
		4609	-742.6	-44.0	-40.1	-41.7	-744.9
-86.73							
		4608	-739.8	-44.0	-40.1	-41.7	-742.1
-86.71							
		4638	-739.8	-45.9	-40.1	-43.6	-742.1
-86.70							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	26307.0	47458.6	25123.2	64141.3	9624.4
56.41							
		4639	22216.1	47759.4	22525.1	60881.7	9093.9
59.78							
		4609	22267.2	46017.2	24502.5	61370.6	6913.7
57.93							
		4608	47153.8	65574.9	27498.4	85364.3	27364.4
54.26							
		4638	45234.2	67399.1	24745.4	83430.4	29202.9
57.06							
	Min	Cent	-14847.3	-94786.5	-28767.1	-5571.5	-104062.4
-17.87							
		4639	-16882.3	-117987.2	-27701.1	-9790.1	-125079.3
-14.36							
		4609	-16357.5	-120008.4	-23845.3	-11134.9	-125231.0
-12.35							
		4608	-23340.5	-74622.3	-26637.0	-12008.6	-85954.2
-23.05							
		4638	-23811.4	-73423.9	-31564.2	-8472.3	-88762.9
-25.92							

		NODE	Vxx	Vyy
	Max	Cent	29.4	16.2
		4639	20.1	17.2
		4609	20.1	16.6
		4608	38.8	16.6
		4638	38.8	17.2
	Min	Cent	-31.8	-147.4
		4639	-21.2	-151.3
		4609	-21.2	-152.4
		4608	-42.7	-152.4
		4638	-42.7	-151.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	pp	Cent	-1704.8	-54.0	22.6	-53.7	-1705.1
89.22							
		4639	-1695.5	-53.3	22.6	-53.0	-1695.8
89.21							
		4609	-1695.5	-54.7	22.6	-54.4	-1695.8
89.21							
		4608	-1714.0	-54.7	22.6	-54.4	-1714.3
89.22							
		4638	-1714.0	-53.3	22.6	-53.0	-1714.3
89.22							

PROJECT TITLE :

	Company		Client	
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-86.61		Cent	18860.0	46102.4	-1617.4	46198.1	18764.3
-87.15		4639	19133.6	49249.7	-1501.9	49324.4	19058.9
-87.48		4609	19041.1	46438.2	-1207.6	46491.3	18988.0
-86.24		4608	19404.2	43322.6	-1577.1	43426.1	19300.7
-86.13		4638	17861.1	45399.3	-1871.4	45525.9	17734.5

NODE	Vxx	Vyy
Cent	-1.0	8.2
4639	-0.4	8.7
4609	-0.4	7.7
4608	-1.6	7.7
4638	-1.6	8.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.14	vento -y	Cent	27.5	0.2	-1.5	27.6	0.1
-3.36		4639	25.6	0.2	-1.5	25.7	0.1
-3.36		4609	25.6	0.2	-1.5	25.7	0.1
-2.94		4608	29.3	0.2	-1.5	29.4	0.1
-2.94		4638	29.3	0.2	-1.5	29.4	0.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.05		Cent	282.0	1447.0	-19.4	1447.3	281.6
-89.00		4639	292.6	1565.2	-22.2	1565.5	292.2
-89.51		4609	303.6	1537.8	-10.6	1537.9	303.5
-89.21		4608	281.4	1332.8	-14.6	1333.0	281.2
-88.64		4638	250.2	1352.1	-26.1	1352.7	249.6

NODE	Vxx	Vyy
Cent	-0.0	0.5
4639	-0.0	0.5
4609	-0.0	0.5
4608	-0.0	0.5
4638	-0.0	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	78.0	7.3	-0.9	78.0	7.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.72		4639	74.2	7.4	-0.9	74.2	7.4
-0.76		4609	74.2	7.3	-0.9	74.2	7.2
-0.76		4608	81.7	7.3	-0.9	81.7	7.2
-0.68		4638	81.7	7.4	-0.9	81.7	7.4
-0.68							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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Cent		-1022.2	-5539.4	-22.7	-1022.1	-5539.5
-0.29	4639	-1041.2	-5873.7	10.2	-1041.2	-5873.7
0.12	4609	-1104.0	-5945.9	-47.4	-1103.6	-5946.4
-0.56	4608	-998.3	-5196.3	-54.8	-997.5	-5197.0
-0.75	4638	-945.2	-5141.7	2.8	-945.2	-5141.7
0.04						

NODE	Vxx	Vyy
Cent	0.0	-1.7
4639	0.0	-1.7
4609	0.0	-1.8
4608	0.0	-1.8
4638	0.0	-1.7

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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perm	Cent	-524.8	-17.1	6.6	-17.0	-524.9
89.25	4639	-521.2	-16.7	6.6	-16.6	-521.3
89.25	4609	-521.2	-17.4	6.6	-17.3	-521.3
89.25	4608	-528.5	-17.4	6.6	-17.3	-528.6
89.26	4638	-528.5	-16.7	6.6	-16.6	-528.6
89.26						

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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Cent		1646.5	-5127.4	-367.4	1666.4	-5147.3
-3.10	4639	1324.8	-6652.4	-321.6	1337.7	-6665.3
-2.30	4609	1214.6	-7285.3	-300.9	1225.2	-7295.9
-2.02	4608	2138.3	-3517.9	-380.8	2163.9	-3543.4
-3.83	4638	1908.3	-3054.0	-401.6	1940.6	-3086.3
-4.60						

NODE	Vxx	Vyy
Cent	-0.1	-8.5
4639	-0.0	-8.4
4609	-0.0	-8.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			4608	-0.3	-8.6			
			4638	-0.3	-8.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	-444.2	-2.7	73.1	8.8	-455.7
80.94			4639	-444.3	-0.5	73.1	11.0	-455.7
80.98			4609	-444.3	-0.7	73.1	10.8	-455.7
80.98			4608	-444.1	-0.7	73.1	10.8	-455.6
80.97			4638	-444.1	-0.5	73.1	11.0	-455.6
80.98		Min	Cent	-1526.4	-76.0	-48.4	-74.4	-1528.0
-88.13			4639	-1527.4	-78.6	-48.4	-77.1	-1528.9
-88.12			4609	-1527.4	-76.8	-48.4	-75.2	-1528.9
-88.13			4608	-1527.2	-76.8	-48.4	-75.2	-1528.8
-88.13			4638	-1527.2	-78.6	-48.4	-77.1	-1528.8
-88.12								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Max	Cent	39837.2	73877.2	33548.9	94476.5	19237.9
58.45			4639	40346.7	84740.3	30097.5	99932.5	25154.4
63.21			4609	39635.3	81295.5	32777.5	99301.7	21629.1
61.22			4608	65796.0	85008.2	36742.0	113379.1	37425.1
52.33			4638	62974.5	87934.8	33007.5	110740.1	40169.1
55.36		Min	Cent	-19419.6	-138628.6	-39225.6	-7670.4	-150377.8
-16.67			4639	-22507.5	-171808.8	-37718.1	-13524.4	-180791.9
-13.40			4609	-21972.0	-175242.6	-32539.4	-15350.0	-181864.6
-11.50			4608	-30369.6	-109454.4	-36395.5	-16169.7	-123654.3
-21.31			4638	-31182.3	-107317.9	-43013.2	-11812.7	-126687.5
-24.24								
		NODE	Vxx	Vyy				
		Max	Cent	42.2	36.4			
			4639	32.0	48.9			
			4609	32.0	47.8			
			4608	52.5	47.8			
			4638	52.5	48.9			
		Min	Cent	-45.6	-209.3			
			4639	-33.4	-214.4			
			4609	-33.4	-216.1			
			4608	-58.3	-216.1			
			4638	-58.3	-214.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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ANGLE

	INV TO~2	Max	Cent					
80.94				-444.2	-2.7	73.1	8.8	-455.7
80.98			4639	-444.3	-0.5	73.1	11.0	-455.7
80.98			4609	-444.3	-0.7	73.1	10.8	-455.7
80.97			4608	-444.1	-0.7	73.1	10.8	-455.6
80.98			4638	-444.1	-0.5	73.1	11.0	-455.6
-88.13		Min	Cent	-2301.4	-76.0	-48.4	-74.4	-2301.8
-88.12			4639	-2289.0	-78.6	-48.4	-77.1	-2289.4
-88.13			4609	-2289.0	-76.8	-48.4	-75.2	-2289.4
-88.13			4608	-2313.9	-76.8	-48.4	-75.2	-2314.3
-88.12			4638	-2313.9	-78.6	-48.4	-77.1	-2314.3

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
58.45	Max	Cent		39837.2	73877.2	33548.9	94476.5	25331.8
63.21			4639	40346.7	84740.3	30097.5	99932.5	25729.6
61.22			4609	39635.3	81295.5	32777.5	99301.7	25633.7
52.33			4608	65796.0	85008.2	36742.0	113379.1	37425.1
55.36			4638	62974.5	87934.8	33007.5	110740.1	40169.1
-16.67	Min	Cent		-19419.6	-138628.6	-39225.6	-7670.4	-150377.8
-13.40			4639	-22507.5	-171808.8	-37718.1	-13524.4	-180791.9
-11.50			4609	-21972.0	-175242.6	-32539.4	-15350.0	-181864.6
-21.31			4608	-30369.6	-109454.4	-36395.5	-16169.7	-123654.3
-24.24			4638	-31182.3	-107317.9	-43013.2	-11812.7	-126687.5

NODE Vxx Vyy

	Max	Cent	Vxx	Vyy
			42.2	36.4
		4639	32.0	48.9
		4609	32.0	47.8
		4608	52.5	47.8
		4638	52.5	48.9
	Min	Cent	-45.6	-209.3
		4639	-33.4	-214.4
		4609	-33.4	-216.1
		4608	-58.3	-216.1
		4638	-58.3	-214.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4545	1	19	c mob-a	Max	Cent	2.0	5.6	44.6	48.5	-40.9
46.13										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.77		4668	2.0	7.5	44.6	49.5	-40.0
46.47		4639	2.0	6.6	44.6	49.0	-40.4
46.45		4638	2.1	6.6	44.6	49.0	-40.4
46.75		4667	2.1	7.5	44.6	49.5	-39.9
-86.40	Min	Cent	-742.2	-39.5	-44.4	-36.7	-745.0
-86.43		4668	-745.6	-37.6	-44.4	-34.9	-748.4
-86.41		4639	-745.6	-41.8	-44.4	-39.0	-748.4
-86.37		4638	-738.8	-41.8	-44.4	-39.0	-741.6
-86.39		4667	-738.8	-37.6	-44.4	-34.8	-741.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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61.70	Max	Cent	27549.3	60378.2	24895.5	73783.5	14144.0
66.12		4668	28891.4	69649.5	22451.2	79591.5	18949.5
64.87		4639	28805.5	67560.5	23307.8	78493.7	17872.3
50.83		4638	42178.2	53016.6	26256.5	74407.3	20787.5
53.47		4667	39425.2	54606.5	24907.1	73053.9	20977.8
-23.42	Min	Cent	-14050.8	-66828.3	-28139.9	-1862.1	-79017.0
-17.21		4668	-16831.5	-93504.3	-26273.3	-8692.4	-101643.3
-14.75		4639	-16395.9	-100662.8	-23838.9	-10119.4	-106939.2
-33.62		4638	-20152.0	-42953.3	-27173.0	-2084.9	-61020.3
-35.23		4667	-20376.7	-41718.2	-30068.3	858.2	-62953.1

		NODE	Vxx	Vyy
Max	Cent	4668	31.8	34.0
		4668	23.8	43.0
		4639	23.8	42.5
		4638	40.0	42.5
		4667	40.0	43.0
Min	Cent	4668	-34.4	-127.3
		4668	-25.0	-131.5
		4639	-25.0	-135.8
		4638	-44.2	-135.8
		4667	-44.2	-131.5

46.48	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.14	c mob-b	Max	Cent	1.4	6.0	44.1	47.9
46.86		4668	1.4	8.0	44.1	48.9	-39.5
		4639	1.4	7.1	44.1	48.4	-39.9
		4638	1.5	7.1	44.1	48.5	-39.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.84			4667	1.5	8.0	44.1	48.9	-39.4
47.12								
	Min	Cent		-742.3	-44.6	-44.7	-41.7	-745.1
-86.35			4668	-743.6	-42.9	-44.7	-40.0	-746.4
-86.37								
			4639	-743.6	-46.7	-44.7	-43.9	-746.4
-86.35								
			4638	-741.0	-46.7	-44.7	-43.9	-743.8
-86.33								
			4667	-741.0	-42.9	-44.7	-40.0	-743.8
-86.35								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	25727.9	49683.0	26937.2	67185.6	8225.3
56.99								
			4668	22092.5	49526.6	25195.8	64497.3	7121.8
59.28								
			4639	22133.8	47734.6	25226.0	63222.0	6646.4
58.45								
			4638	46308.6	67256.5	28550.3	87193.4	26371.6
55.07								
			4667	43898.3	69189.2	27984.8	87253.0	25834.6
57.16								
	Min	Cent		-15620.1	-87926.4	-30268.3	-4622.2	-98924.3
-19.97								
			4668	-17175.0	-109008.0	-28343.5	-9131.5	-117051.5
-15.84								
			4639	-17181.0	-118063.8	-26347.0	-10714.6	-124530.3
-13.79								
			4638	-25541.5	-72643.5	-29637.1	-11237.4	-86947.5
-25.76								
			4667	-25719.8	-67060.5	-32537.7	-7841.9	-84938.4
-28.79								

			NODE	Vxx	Vyy
		Max	Cent	29.9	16.7
			4668	20.3	17.6
			4639	20.3	17.2
			4638	39.6	17.2
			4667	39.6	17.6
		Min	Cent	-32.4	-143.6
			4668	-21.4	-147.3
			4639	-21.4	-151.3
			4638	-44.2	-151.3
			4667	-44.2	-147.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

		pp	Cent	-1704.4	-47.5	3.8	-47.5	-1704.4
89.87								
			4668	-1695.1	-41.8	3.8	-41.7	-1695.1
89.87								
			4639	-1695.1	-53.2	3.8	-53.2	-1695.1
89.87								
			4638	-1713.6	-53.2	3.8	-53.2	-1713.6
89.87								
			4667	-1713.6	-41.8	3.8	-41.7	-1713.6
89.87								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE							
-87.37	Cent	18470.4	48521.7	-1381.2	48585.0	18407.1	
-88.46	4668	19120.1	51819.5	-878.3	51843.1	19096.5	
-87.36	4639	19045.0	49232.0	-1392.4	49296.1	18980.9	
-86.33	4638	18598.0	45546.7	-1735.6	45658.0	18486.6	
-87.70	4667	17118.6	47488.5	-1221.5	47537.5	17069.6	

NODE Vxx Vyy

Cent	-1.0	9.1
4668	-0.4	9.5
4639	-0.4	8.7
4638	-1.5	8.7
4667	-1.5	9.5

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.30	vento -y	Cent	27.1	-0.0	-0.6	27.1	-0.0
-1.38		4668	25.2	-0.2	-0.6	25.3	-0.2
-1.40		4639	25.2	0.2	-0.6	25.3	0.1
-1.22		4638	28.9	0.2	-0.6	28.9	0.1
-1.21		4667	28.9	-0.2	-0.6	28.9	-0.2

ANGLE

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.02	Cent	262.3	1473.3	-20.7	1473.6	262.0
-89.50	4668	283.1	1597.7	-11.5	1597.8	283.0
-88.97	4639	294.1	1565.5	-22.8	1565.9	293.7
-88.57	4638	253.6	1352.8	-27.5	1353.5	252.9
-89.20	4667	218.5	1377.1	-16.2	1377.3	218.2

NODE Vxx Vyy

Cent	-0.0	0.5
4668	-0.0	0.5
4639	-0.0	0.5
4638	-0.0	0.5
4667	-0.0	0.5

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.56	cedime~1	Cent	77.3	6.9	-0.7	77.3	6.9
		4668	73.7	6.6	-0.7	73.7	6.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.59		4639	73.7	7.3	-0.7	73.7	7.3
-0.59		4638	81.0	7.3	-0.7	81.0	7.3
-0.54		4667	81.0	6.6	-0.7	81.0	6.6
-0.53							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	-948.2	-5531.8	32.9	-948.0	-5532.1
0.41		4668	-1010.7	-5933.8	16.3	-1010.6	-5933.8
0.19		4639	-1049.8	-5875.4	34.5	-1049.6	-5875.7
0.41		4638	-914.7	-5135.6	43.9	-914.3	-5136.0
0.60		4667	-817.7	-5182.6	25.7	-817.5	-5182.7
0.34							

	NODE	Vxx	Vyy
-----	Cent	0.1	-1.7
	4668	0.0	-1.7
	4639	0.0	-1.7
	4638	0.1	-1.7
	4667	0.1	-1.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----		perm	Cent	-525.0	-14.8	1.2	-14.8	-525.0
89.86			4668	-521.3	-12.8	1.2	-12.8	-521.3
89.86			4639	-521.3	-16.7	1.2	-16.7	-521.3
89.86			4638	-528.7	-16.7	1.2	-16.7	-528.7
89.86			4667	-528.7	-12.8	1.2	-12.8	-528.7
89.87								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	1678.5	-4585.1	-324.1	1695.2	-4601.8
-2.95		4668	1391.1	-6074.8	-243.9	1399.1	-6082.8
-1.87		4639	1301.0	-6657.2	-301.5	1312.4	-6668.6
-2.17		4638	2124.2	-3010.8	-374.5	2151.4	-3038.0
-4.15		4667	1897.8	-2597.7	-316.8	1920.0	-2620.0
-4.01							

	NODE	Vxx	Vyy
-----	Cent	-0.1	-8.3
	4668	-0.0	-8.1
	4639	-0.0	-8.4
	4638	-0.3	-8.4
	4667	-0.3	-8.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
82.36	INV TO~1	Max	Cent	-445.0	0.2	61.5	8.4	-453.1
82.43			4668	-445.0	4.6	61.5	12.6	-453.1
82.36			4639	-445.0	0.2	61.5	8.3	-453.1
82.36			4638	-444.9	0.2	61.5	8.3	-453.1
82.43			4667	-444.9	4.6	61.5	12.6	-453.0
-87.67		Min	Cent	-1527.1	-75.0	-59.8	-72.6	-1529.5
-87.68			4668	-1527.9	-70.7	-59.8	-68.3	-1530.3
-87.67			4639	-1527.9	-79.8	-59.8	-77.4	-1530.3
-87.67			4638	-1529.0	-79.8	-59.8	-77.4	-1531.4
-87.68			4667	-1529.0	-70.7	-59.8	-68.3	-1531.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
58.92	Max	Cent	38870.0	76925.5	36074.1	98653.4	17142.2	
62.58			4668	40394.5	87952.0	33786.8	105475.5	22871.0
61.66			4639	40188.4	84549.5	33788.0	102758.1	21979.9
53.43			4638	64640.8	87785.4	38212.4	116097.3	36329.0
55.79			4667	61160.5	90807.7	37488.4	116272.9	35695.3
-18.60		Min	Cent	-20356.8	-128817.6	-41186.3	-6509.8	-142664.7
-14.72			4668	-22805.9	-159169.3	-38507.6	-12691.2	-169284.1
-12.85			4639	-22943.2	-171918.8	-35870.0	-14771.4	-180090.6
-23.94			4638	-33271.5	-106215.0	-40384.5	-15359.9	-124126.7
-26.91			4667	-33641.7	-98312.1	-44242.8	-11198.1	-120755.6

	NODE	Vxx	Vyy
Max	Cent	42.9	37.6
	4668	32.2	49.9
	4639	32.2	48.9
	4638	53.8	48.9
	4667	53.8	49.9
Min	Cent	-46.6	-203.9
	4668	-33.7	-208.7
	4639	-33.7	-214.4
	4638	-59.9	-214.4
	4667	-59.9	-208.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
      82.36      INV TO~2  Max  Cent    -445.0      0.2      61.5      8.4      -453.1
      82.43      4668      -445.0      4.6      61.5      12.6      -453.1
      82.36      4639      -445.0      0.2      61.5      8.3      -453.1
      82.36      4638      -444.9      0.2      61.5      8.3      -453.1
      82.43      4667      -444.9      4.6      61.5      12.6      -453.0
-87.67      Min  Cent    -2300.9     -75.0     -59.8     -72.6     -2300.9
-87.68      4668      -2288.4     -70.7     -59.8     -68.3     -2288.4
-87.67      4639      -2288.4     -79.8     -59.8     -77.4     -2288.4
-87.67      4638      -2313.4     -79.8     -59.8     -77.4     -2313.4
-87.67      4667      -2313.4     -70.7     -59.8     -68.3     -2313.4
-87.68
  
```

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      ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
  
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-----
      58.92      Max  Cent    38870.0     76925.5     36074.1     98653.4     24849.5
      62.58      4668     40394.5     87952.0     33786.8     105475.5     25780.3
      61.66      4639     40188.4     84549.5     33788.0     102758.1     25624.2
      53.43      4638     64640.8     87785.4     38212.4     116097.3     36329.0
      55.79      4667     61160.5     90807.7     37488.4     116272.9     35695.3
-18.60      Min  Cent    -20356.8    -128817.6    -41186.3     -6509.8    -142664.7
-14.72      4668     -22805.9    -159169.3    -38507.6    -12691.2    -169284.1
-12.85      4639     -22943.2    -171918.8    -35870.0    -14771.4    -180090.6
-23.94      4638     -33271.5    -106215.0    -40384.5    -15359.9    -124126.7
-26.91      4667     -33641.7     -98312.1    -44242.8    -11198.1    -120755.6
  
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      NODE      Vxx      Vyy
-----
      Max  Cent     42.9     37.6
      4668     32.2     49.9
      4639     32.2     48.9
      4638     53.8     48.9
      4667     53.8     49.9
      Min  Cent    -46.6    -203.9
      4668     -33.7    -208.7
      4639     -33.7    -214.4
      4638     -59.9    -214.4
      4667     -59.9    -208.7
  
```

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      ELEM  MAT  SEC  LC  NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
      4584   1   19  c  mob-a  Max  Cent     627.2     82.3     205.7     696.2     13.4
      18.53      5929     645.1     218.0     205.7     728.0     135.0
      21.97
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

16.48			5894	645.1	10.5	205.7	705.9	-50.3
17.24			5893	609.6	10.5	205.7	673.4	-53.3
23.21			5928	609.6	218.0	205.7	697.8	129.8
-2.02		Min	Cent	-5.8	-63.5	-2.0	-5.7	-63.5
-3.53			5929	-5.8	-38.7	-2.0	-5.7	-38.8
-0.87			5894	-5.8	-139.6	-2.0	-5.8	-139.6
-0.87			5893	-5.8	-139.6	-2.0	-5.8	-139.6
-3.53			5928	-5.8	-38.7	-2.0	-5.7	-38.8

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.16		Max	Cent	14899.4	13703.6	20392.1	34702.4	-6099.4
45.46			5929	19885.8	20420.3	16687.2	36842.4	3463.7
45.98			5894	18544.1	19887.9	19704.8	38932.2	-500.2
33.62			5893	29194.9	10560.5	22212.4	43965.1	-4209.6
31.22			5928	30176.2	10113.0	19217.4	41822.7	-1533.5
-28.99		Min	Cent	-19933.2	-51277.7	-25065.2	-6043.9	-65167.0
-19.04			5929	-20087.7	-79312.1	-23205.8	-12078.2	-87321.6
-18.54			5894	-23998.0	-81608.0	-21763.6	-16700.7	-88905.4
-39.12			5893	-20235.8	-30510.8	-24660.9	-183.0	-50563.7
-44.09			5928	-26091.1	-27763.9	-26414.4	-499.8	-53355.2

		NODE	Vxx	Vyy
	Max	Cent	34.9	20.3
		5929	31.9	33.5
		5894	31.9	30.9
		5893	42.4	30.9
		5928	42.4	33.5
	Min	Cent	-37.0	-124.7
		5929	-29.0	-126.7
		5894	-29.0	-130.2
		5893	-47.8	-130.2
		5928	-47.8	-126.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.84	c mob-b	Max	Cent	614.7	126.7	202.4	687.7	53.7
24.10			5929	631.2	269.3	202.4	721.7	178.8
16.92			5894	631.2	27.6	202.4	692.8	-33.9
17.67			5893	598.3	27.6	202.4	662.7	-36.9
			5928	598.3	269.3	202.4	694.6	173.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

25.45							
	Min	Cent	-5.3	-48.4	-2.8	-5.1	-48.6
-3.64							
			5929	-5.5	-20.3	-2.8	-5.0
-10.24							
			5894	-5.5	-130.5	-2.8	-5.5
-1.26							
			5893	-5.1	-130.5	-2.8	-5.1
-1.26							
			5928	-5.1	-20.3	-2.8	-4.7
-10.00							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	1525.6	1836.2	2694.8	4380.1	-1018.3
46.65							
			5929	1039.4	1760.0	1870.0	-504.8
50.45							
			5894	1143.4	2532.3	2805.1	-1052.0
51.95							
			5893	10879.8	2012.9	3337.7	11995.7
18.49							
			5928	2101.5	1365.0	2437.2	4198.1
40.70							
	Min	Cent	-18975.9	-51084.6	-22026.9	-7773.6	-62286.9
-26.96							
			5929	-16796.0	-56119.0	-19660.7	-8652.5
-22.50							
			5894	-21819.5	-77482.1	-20794.7	-14908.8
-18.38							
			5893	-15570.4	-41808.4	-23693.6	-1606.3
-30.51							
			5928	-26270.2	-35464.2	-23222.7	-7193.9
-39.40							

		NODE	Vxx	Vyy
	Max	Cent	3.8	1.9
		5929	5.3	1.6
		5894	5.3	2.3
		5893	4.4	2.3
		5928	4.4	1.6
	Min	Cent	-18.0	-65.7
		5929	-7.8	-53.0
		5894	-7.8	-80.5
		5893	-28.8	-80.5
		5928	-28.8	-53.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	1792.5	47.7	565.6	1959.9	-119.6
16.48							
		5929	1840.5	423.6	565.6	2038.6	225.5
19.30							
		5894	1840.5	-328.2	565.6	1979.2	-466.9
13.77							
		5893	1744.6	-328.2	565.6	1888.9	-472.5
14.31							
		5928	1744.6	423.6	565.6	1953.7	214.5
20.29							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-60.52          Cent   -19466.9   -14654.1   -3998.2   -12394.0   -21727.0
-48.19          5929   -15817.3   -14994.8   -3683.6   -11699.6   -19112.5
-59.15          5894   -26084.0   -23263.0   -2619.7   -21698.3   -27648.8
-64.71          5893   -18515.6   -12520.1   -3646.2   -10797.6   -20238.1
-67.79          5928   -17450.6   -7838.6    -4710.1   -5915.4    -19373.9
    
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-----
          NODE      Vxx      Vyy
-----
          Cent      4.9      -20.1
          5929      9.6      -18.0
          5894      9.6      -22.2
          5893      0.1      -22.2
          5928      0.1      -18.0
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
          vento -y  Cent      -17.8      9.3      -3.1      9.6      -18.1
-83.52          5929      -17.8      6.2      -3.1      6.6      -18.2
-82.76          5894      -17.8      12.3     -3.1      12.6     -18.2
-84.17          5893      -17.7      12.3     -3.1      12.6     -18.0
-84.14          5928      -17.7      6.2      -3.1      6.6      -18.1
-82.72
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent      159.3     294.0      7.6     294.4     158.9
86.80          5929      102.3     273.4     -0.6     273.4     102.3
-89.80          5894      242.5     400.2     -8.8     400.7     242.0
-86.81          5893      160.3     289.9      7.6     290.3     159.8
86.67          5928      132.1     212.5     15.8     215.5     129.1
79.28
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      -0.1      0.2
          5929      -0.1      0.2
          5894      -0.1      0.2
          5893      -0.0      0.2
          5928      -0.0      0.2
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
          cedime~1 Cent      1.3      2.0     -12.3     14.0     -10.6
-45.81          5929      9.8     -23.4     -12.3     13.8     -27.5
-18.21          5894      9.8     27.5     -12.3     33.8      3.5
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-62.90		5893	-7.1	27.5	-12.3	31.4	-11.0
-72.35		5928	-7.1	-23.4	-12.3	-0.6	-30.0
-28.20							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-4.12	Cent	-11831.9	-71439.6	-4320.7	-11520.3	-71751.2
-4.35	5929	-13116.6	-75823.8	-4801.6	-12751.0	-76189.3
-2.57	5894	-15319.7	-80601.0	-2937.4	-15187.8	-80732.9
-3.61	5893	-8957.6	-65891.9	-3608.3	-8729.8	-66119.7
-5.78	5928	-9933.5	-63441.8	-5472.5	-9379.5	-63995.7

NODE	Vxx	Vyy
Cent	-0.1	-30.3
5929	1.4	-28.3
5894	1.4	-32.4
5893	-1.6	-32.4
5928	-1.6	-28.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

17.72	perm	Cent	507.7	52.7	161.9	559.4	1.0
21.85		5929	517.1	178.2	161.9	582.1	113.3
14.38		5894	517.1	-72.8	161.9	558.7	-114.3
14.78		5893	498.2	-72.8	161.9	541.0	-115.5
22.67		5928	498.2	178.2	161.9	565.9	110.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-39.01		Cent	-6090.2	-6964.9	-2062.0	-4419.7	-8635.3
-28.76		5929	-5139.8	-7436.5	-1803.4	-4150.2	-8426.2
-24.44		5894	-8163.3	-10945.4	-1593.4	-7439.2	-11669.6
-42.16		5893	-5302.2	-5712.9	-2068.4	-3429.0	-7586.1
-56.80		5928	-5755.3	-3764.6	-2278.4	-2273.6	-7246.2

NODE	Vxx	Vyy
Cent	0.8	-10.2
5929	2.6	-9.1
5894	2.6	-11.2
5893	-0.9	-11.2
5928	-0.9	-9.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

18.94	INV TO~1	Max Cent	1355.8	225.9	439.6	1505.3	82.4
23.05		5929	1397.8	541.8	439.6	1575.0	354.8
15.65		5894	1397.8	-8.0	439.6	1517.5	-127.7
16.47		5893	1321.2	-8.0	439.6	1451.2	-134.1
24.22		5928	1321.2	541.8	439.6	1519.0	344.0
14.37		Min Cent	499.9	-32.9	145.9	538.6	-76.4
17.51		5929	509.3	102.6	145.9	565.1	56.5
11.16		5894	509.3	-261.2	145.9	540.5	-292.4
11.07		5893	483.3	-261.2	145.9	511.8	-293.1
18.74		5928	483.3	102.6	145.9	532.8	53.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

43.60		Max Cent	14024.0	11534.9	25467.4	38277.3	-12718.3
43.91		5929	21706.0	20130.9	20724.3	41657.7	179.2
44.45		5894	16871.2	15903.2	25008.0	41399.8	-8625.4
32.70		5893	34110.9	8543.8	27918.3	52033.3	-9378.5
31.03		5928	34982.6	9888.0	23665.1	49220.9	-4350.3
-19.02		Min Cent	-44831.8	-147629.4	-40220.6	-30965.5	-161495.8
-13.81		5929	-45374.8	-190331.6	-37932.8	-36048.4	-199658.0
-12.47		5894	-55880.4	-201717.2	-33911.7	-48380.6	-209217.1
-21.01		5893	-41578.2	-128046.1	-38968.9	-26607.8	-143016.5
-26.82		5928	-51153.5	-115083.0	-43410.4	-29209.0	-137027.5
		NODE	Vxx	Vyy			
		Max Cent	47.9	17.2			
		5929	47.0	36.1			
		5894	47.0	30.5			
		5893	56.3	30.5			
		5928	56.3	36.1			
		Min Cent	-49.2	-208.9			
		5929	-36.6	-208.5			
		5894	-36.6	-219.3			
		5893	-67.2	-219.3			
		5928	-67.2	-208.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max Cent	2419.9	225.9	763.6	2645.8	82.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

16.48							
		5929	2484.7	571.9	763.6	2752.1	354.8
19.30							
		5894	2484.7	-8.0	763.6	2671.9	-127.7
13.77							
		5893	2355.2	-8.0	763.6	2550.0	-134.1
14.31							
		5928	2355.2	571.9	763.6	2637.5	344.0
20.29							
	Min	Cent	499.9	-32.9	145.9	538.6	-161.5
14.37							
		5929	509.3	102.6	145.9	565.1	56.5
17.51							
		5894	509.3	-443.1	145.9	540.5	-630.3
11.16							
		5893	483.3	-443.1	145.9	511.8	-637.9
11.07							
		5928	483.3	102.6	145.9	532.8	53.1
18.74							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	14024.0	11534.9	25467.4	38277.3	-12718.3
43.60							
		5929	21706.0	20130.9	20724.3	41657.7	179.2
43.91							
		5894	16871.2	15903.2	25008.0	41399.8	-8625.4
44.45							
		5893	34110.9	8543.8	27918.3	52033.3	-9378.5
32.70							
		5928	34982.6	9888.0	23665.1	49220.9	-4350.3
31.03							
	Min	Cent	-44831.8	-147629.4	-40220.6	-30965.5	-161495.8
-19.02							
		5929	-45374.8	-190331.6	-37932.8	-36048.4	-199658.0
-13.81							
		5894	-55880.4	-201717.2	-33911.7	-48380.6	-209217.1
-12.47							
		5893	-41578.2	-128046.1	-38968.9	-26607.8	-143016.5
-21.01							
		5928	-51153.5	-115083.0	-43410.4	-29209.0	-137027.5
-26.82							

NODE Vxx Vyy

Max	Cent	47.9	17.2
	5929	47.0	36.1
	5894	47.0	30.5
	5893	56.3	30.5
	5928	56.3	36.1
Min	Cent	-49.2	-208.9
	5929	-36.6	-208.5
	5894	-36.6	-219.3
	5893	-67.2	-219.3
	5928	-67.2	-208.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

4585	1	19	c mob-a	Max	Cent	490.0	365.0	266.4	701.1	153.9
					5965	508.7	540.8	266.4	791.6	257.9
					5929	508.7	182.9	266.4	658.0	33.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

30.77		5928	471.7	182.9	266.4	630.3	24.3
48.69		5964	471.7	540.8	266.4	774.8	237.7
-8.71	Min	Cent	-5.1	-33.2	-4.4	-4.4	-33.9
-10.02		5965	-6.1	-30.4	-4.4	-5.4	-31.2
-6.98		5929	-6.1	-41.7	-4.4	-5.6	-42.3
-6.67		5928	-4.4	-41.7	-4.4	-3.9	-42.2
-9.41		5964	-4.4	-30.4	-4.4	-3.7	-31.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

42.74	Max	Cent	15118.0	12973.2	13585.1	27673.0	418.3
47.21		5965	19315.1	20708.5	9005.6	29044.2	10979.3
45.83		5929	19629.6	20462.2	14310.2	34362.2	5729.7
29.52		5928	29502.1	10079.5	16193.6	38673.1	908.5
21.89		5964	32086.0	9377.8	10877.9	36455.9	5007.9
-24.03	Min	Cent	-16125.6	-54750.3	-21496.1	-6540.8	-64335.1
-15.66		5965	-16288.7	-82792.1	-20230.5	-10618.1	-88462.7
-18.01		5929	-20700.6	-79417.6	-21352.1	-13757.2	-86361.1
-38.14		5928	-16382.3	-27870.8	-23532.9	2097.3	-46350.4
-39.72		5964	-22504.3	-30812.6	-22266.5	-4007.8	-49309.1

		NODE	Vxx	Vyy
Max	Cent		33.1	20.3
	5965		30.2	33.8
	5929		30.2	33.5
	5928		39.9	33.5
	5964		39.9	33.8
Min	Cent		-33.0	-120.1
	5965		-27.6	-122.2
	5929		-27.6	-126.7
	5928		-41.2	-126.7
	5964		-41.2	-122.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
41.18	c mob-b	Max	Cent	478.9	407.8	265.2	710.9	175.8
50.14			5965	497.8	594.1	265.2	815.5	276.4
32.41			5929	497.8	248.6	265.2	666.2	80.2
34.07			5928	461.4	248.6	265.2	640.8	69.3
52.02			5964	461.4	594.1	265.2	801.1	254.4
	Min	Cent	-5.0	-11.6	-2.6	-4.0	-12.6	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-19.22			5965	-5.3	-11.5	-2.6	-4.3	-12.5
-20.31			5929	-5.3	-26.3	-2.6	-5.0	-26.7
-7.08			5928	-4.6	-26.3	-2.6	-4.3	-26.6
-6.86			5964	-4.6	-11.5	-2.6	-3.7	-12.4
-18.81								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Max	Cent	696.3	1488.5	776.2	1963.8	221.0
58.52				5965	774.0	2359.0	661.8	2599.0	534.0
70.07				5929	613.2	1751.3	856.8	2210.8	153.6
61.80				5928	3297.9	1337.3	888.7	3640.8	994.5
21.10				5964	929.3	1522.3	711.6	1996.6	454.9
56.31			Min	Cent	-14138.5	-38109.8	-19104.1	-3571.5	-48676.8
-28.95				5965	-10898.3	-37017.6	-15472.0	-3711.1	-44204.9
-24.92				5929	-17056.2	-56263.0	-18238.9	-9883.7	-63435.5
-21.47				5928	-14684.0	-33909.5	-21363.4	-870.3	-47723.2
-32.89				5964	-20101.4	-27038.3	-18570.1	-4678.6	-42461.1
-39.71									

			NODE	Vxx	Vyy
	Max	Cent		4.4	1.4
		5965		6.6	2.2
		5929		6.6	1.6
		5928		2.7	1.6
		5964		2.7	2.2
	Min	Cent		-10.1	-39.2
		5965		-3.7	-26.1
		5929		-3.7	-53.0
		5928		-17.0	-53.0
		5964		-17.0	-26.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

			pp	Cent	1401.1	828.2	748.5	1916.0	313.2
34.53				5965	1453.7	1311.0	748.5	2134.2	630.5
42.28				5929	1453.7	345.3	748.5	1830.8	-31.8
26.74				5928	1348.5	345.3	748.5	1747.9	-54.1
28.09				5964	1348.5	1311.0	748.5	2078.5	581.1
44.28									

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Cent	-10444.2	-7483.0	-4735.3	-4002.3	-13924.9
--	--	--	------	----------	---------	---------	---------	----------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-53.68		5965	-2617.8	-4458.6	-3691.5	266.3	-7342.7
-38.00		5929	-18901.1	-15611.6	-4072.3	-12864.4	-21648.3
-56.00		5928	-13437.4	-7036.0	-5031.7	-4273.3	-16200.1
-61.23		5964	-6820.5	-2825.7	-4650.8	238.5	-9884.7
-56.62							

NODE	Vxx	Vyy
Cent	10.2	-12.0
5965	14.5	-6.0
5929	14.5	-18.0
5928	5.9	-18.0
5964	5.9	-6.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-13.6	0.7	-6.4	3.2	-16.0
-68.98		5965	-13.5	-5.7	-6.4	-2.0	-17.1
-60.60		5929	-13.5	7.1	-6.4	8.9	-15.3
-73.97		5928	-13.7	7.1	-6.4	8.9	-15.5
-74.09		5964	-13.7	-5.7	-6.4	-2.1	-17.2
-60.92							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	63.4	175.7	14.2	177.4	61.6
82.92	5965	-38.9	101.5	-3.5	101.6	-39.0
-88.58	5929	167.6	286.4	1.7	286.5	167.6
89.20	5928	100.5	206.2	21.8	210.5	96.2
78.81	5964	24.2	108.6	16.6	111.7	21.0
79.25						

NODE	Vxx	Vyy
Cent	-0.1	0.1
5965	-0.2	0.0
5929	-0.2	0.2
5928	-0.1	0.2
5964	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-1.1	-53.1	-16.6	3.7	-57.9
-16.26		5965	3.1	-82.2	-16.6	6.2	-85.3
-10.61		5929	3.1	-23.9	-16.6	11.0	-31.8
-25.39		5928	-5.3	-23.9	-16.6	4.4	-33.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-30.34
-11.66

5964 -5.3 -82.2 -16.6 -1.9 -85.6

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -9967.7 -62752.9 -9509.6 -8306.7 -64413.8

-9.91 5965 -10318.4 -61225.9 -8827.8 -8831.1 -62713.3

-9.56 5929 -13781.1 -75956.7 -7043.5 -12993.2 -76744.6

-6.38 5928 -4409.6 -62337.0 -9381.0 -2928.3 -63818.3

-8.97 5964 -11361.6 -51492.0 -11165.3 -8464.3 -54389.3

-14.55

NODE Vxx Vyy

Cent -4.4 -26.1

5965 0.5 -24.0

5929 0.5 -28.3

5928 -9.4 -28.3

5964 -9.4 -24.0

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

perm Cent 394.8 304.3 221.8 575.9 123.2

39.24 5965 409.2 453.0 221.8 654.0 208.2

47.82 5929 409.2 155.6 221.8 537.9 27.0

30.12 5928 380.3 155.6 221.8 516.6 19.4

31.57 5964 380.3 453.0 221.8 641.4 191.9

49.65

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -3538.3 -4142.2 -1963.9 -1853.3 -5827.3

-40.63 5965 -1360.7 -3628.6 -1515.0 -602.3 -4387.0

-26.59 5929 -6039.0 -7616.3 -1777.4 -4883.1 -8772.2

-33.04 5928 -4082.7 -3430.1 -2160.5 -1571.4 -5941.4

-49.29 5964 -2670.7 -1894.0 -1898.1 -344.9 -4219.8

-50.78

NODE Vxx Vyy

Cent 2.6 -7.0

5965 4.0 -4.8

5929 4.0 -9.1

5928 1.1 -9.1

5964 1.1 -4.8

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

PROJECT TITLE :


	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	1056.3	854.9	581.4	1545.6	365.6	
40.09				5965	1099.1	1255.0	581.4	1762.3	588.7
48.90				5929	1099.1	491.2	581.4	1448.9	138.3
31.26				5928	1017.1	491.2	581.4	1392.2	116.1
32.83				5964	1017.1	1255.0	581.4	1729.5	542.7
50.78		Min	Cent	386.9	206.4	199.2	515.4	77.9	
32.82				5965	400.9	329.8	199.2	569.6	164.2
39.72				5929	400.9	75.4	199.2	498.0	-18.5
25.24				5928	368.8	75.4	199.2	469.5	-25.3
26.82				5964	368.8	329.8	199.2	549.5	149.1
42.21									
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	16871.1	13371.6	16375.9	31590.4	-1347.8	
41.95				5965	24714.7	24327.9	10642.5	35165.5	13877.0
44.48				5929	20461.0	20007.6	17541.3	37777.1	2691.5
44.63				5928	35745.1	10177.3	19700.8	46446.3	-523.9
28.51				5964	40645.4	10766.0	12787.1	45370.5	6040.9
20.28		Min	Cent	-35275.6	-140808.0	-40493.2	-21528.9	-154554.8	
-18.75				5965	-33668.9	-176623.8	-37654.0	-24357.4	-185935.2
-13.89				5929	-47765.9	-190786.8	-37646.2	-38461.9	-200090.8
-13.88				5928	-30608.5	-111545.0	-43310.9	-11801.8	-130351.6
-23.47				5964	-44413.2	-94983.0	-43123.2	-19708.7	-119687.4
-29.81									
			NODE	Vxx	Vyy				
		Max	Cent	47.3	20.5				
				5965	45.3	40.8			
				5929	45.3	36.1			
				5928	55.0	36.1			
				5964	55.0	40.8			
		Min	Cent	-46.4	-195.2				
				5965	-33.3	-193.7			
				5929	-33.3	-208.5			
				5928	-63.8	-208.5			
				5964	-63.8	-193.7			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	1891.5	1118.1	1010.4	2586.7	422.9	
34.53				5965	1962.5	1769.9	1010.4	2881.2	851.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.28							
		5929	1962.5	491.2	1010.4	2471.6	138.3
26.74							
		5928	1820.5	491.2	1010.4	2359.6	116.1
28.09							
		5964	1820.5	1769.9	1010.4	2805.9	784.5
44.28							
	Min	Cent	386.9	206.4	199.2	515.4	77.9
32.82							
		5965	400.9	329.8	199.2	569.6	164.2
39.72							
		5929	400.9	75.4	199.2	498.0	-42.9
25.24							
		5928	368.8	75.4	199.2	469.5	-73.0
26.82							
		5964	368.8	329.8	199.2	549.5	149.1
42.21							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	16871.1	13371.6	16375.9	31590.4	-1347.8
41.95								
			5965	24714.7	24327.9	10642.5	35165.5	13877.0
44.48								
			5929	20461.0	20007.6	17541.3	37777.1	2691.5
44.63								
			5928	35745.1	10177.3	19700.8	46446.3	-523.9
28.51								
			5964	40645.4	10766.0	12787.1	45370.5	6040.9
20.28								
	Min	Cent	-35275.6	-140808.0	-40493.2	-21528.9	-154554.8	
-18.75								
			5965	-33668.9	-176623.8	-37654.0	-24357.4	-185935.2
-13.89								
			5929	-47765.9	-190786.8	-37646.2	-38461.9	-200090.8
-13.88								
			5928	-30608.5	-111545.0	-43310.9	-11801.8	-130351.6
-23.47								
			5964	-44413.2	-94983.0	-43123.2	-19708.7	-119687.4
-29.81								

		NODE	Vxx	Vyy
	Max	Cent	47.3	20.5
		5965	45.3	40.8
		5929	45.3	36.1
		5928	55.0	36.1
		5964	55.0	40.8
	Min	Cent	-46.4	-195.2
		5965	-33.3	-193.7
		5929	-33.3	-208.5
		5928	-63.8	-208.5
		5964	-63.8	-193.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
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4592	1	22	c mob-a	Max	Cent	631.3	202.4	5.0	631.3	202.3	
	0.67					3463	645.5	132.3	5.0	645.5	132.3
	0.56					3432	645.5	274.0	5.0	645.5	273.9
	0.77					3431	617.2	274.0	5.0	617.2	273.9
	0.84										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.59			3462	617.2	132.3	5.0	617.2	132.3
-45.05	Min	Cent		-8.8	-7.4	-369.3	361.2	-377.3
-44.74			3463	-10.5	-17.2	-369.3	355.4	-383.1
-45.21			3432	-10.5	-5.0	-369.3	361.6	-377.0
-45.08			3431	-7.1	-5.0	-369.3	363.2	-375.3
-44.61			3462	-7.1	-17.2	-369.3	357.1	-381.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

35.79	Max	Cent		10636.8	4633.2	9010.8	17132.6	-1862.6
27.94			3463	12880.3	1420.8	8458.5	17367.0	-3065.9
31.19			3432	12508.6	2828.3	9249.0	18107.3	-2770.5
39.55			3431	25142.2	21824.6	8614.6	32256.3	14710.6
38.56			3462	25369.3	21651.8	8128.2	31848.6	15172.6
-44.95	Min	Cent		-10988.4	-11021.0	-8564.5	-2440.2	-19569.2
-40.01			3463	-15226.4	-18362.2	-8911.2	-7746.3	-25842.4
-35.96			3432	-11467.5	-16651.0	-7943.5	-5703.7	-22414.9
-53.63			3431	-13173.0	-8507.7	-7509.1	-2977.3	-18703.4
-61.53			3462	-19513.8	-8998.0	-8076.1	-4619.0	-23892.7

		NODE	Vxx	Vyy
Max	Cent		24.2	2.4
		3463	19.0	2.8
		3432	19.0	4.1
		3431	29.9	4.1
		3462	29.9	2.8
Min	Cent		-28.6	-66.5
		3463	-21.7	-74.1
		3432	-21.7	-70.0
		3431	-35.7	-70.0
		3462	-35.7	-74.1

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

1.12	c mob-b	Max	Cent		611.7	206.9	7.9	611.8	206.7
0.93				3463	625.9	138.9	7.9	626.0	138.7
1.29				3432	625.9	276.2	7.9	626.1	276.1
1.41				3431	597.5	276.2	7.9	597.7	276.0
0.98				3462	597.5	138.9	7.9	597.7	138.7
-45.06		Min	Cent		-9.0	-7.6	-360.5	352.2	-368.8
				3463	-11.1	-15.2	-360.5	347.4	-373.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.84			3432	-11.1	-6.2	-360.5	351.9	-369.1
-45.20			3431	-7.5	-6.2	-360.5	353.6	-367.3
-45.05			3462	-7.5	-15.2	-360.5	349.1	-371.9
-44.70								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	5612.8	1237.7	15300.3	18881.2	-12030.6
40.93			3463	2126.9	1445.7	13467.3	15258.0	-11685.3
44.28			3432	1988.5	3072.2	13951.0	16491.8	-11431.2
46.11			3431	18980.0	2837.5	17518.0	30196.7	-8379.2
32.63			3462	18734.5	1692.7	15770.8	28139.1	-7711.9
30.81		Min	Cent	-14966.4	-44319.6	-17122.6	-7091.1	-52194.8
-24.70			3463	-15809.5	-66835.3	-15427.8	-11507.6	-71137.3
-15.58			3432	-14292.5	-69741.8	-15192.0	-10403.0	-73631.3
-14.36			3431	-16483.4	-27162.5	-17918.2	-3126.1	-40519.8
-36.70			3462	-19714.2	-23874.9	-19360.5	-2322.6	-41266.4
-41.93								

			NODE	Vxx	Vyy
	Max	Cent		18.6	2.4
		3463		11.6	3.4
		3432		11.6	3.8
		3431		26.1	3.8
		3462		26.1	3.4
	Min	Cent		-23.8	-95.2
		3463		-15.1	-98.8
		3432		-15.1	-96.7
		3431		-32.5	-96.7
		3462		-32.5	-98.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	1803.8	547.7	-1061.2	2408.9	-57.4
-29.69			3463	1840.1	319.8	-1061.2	2385.4	-225.4
-27.19			3432	1840.1	775.5	-1061.2	2495.1	120.6
-31.68			3431	1767.5	775.5	-1061.2	2442.9	100.1
-32.48			3462	1767.5	319.8	-1061.2	2328.2	-240.9
-27.85								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	-15393.7	-10444.4	3269.0	-8819.0	-17019.1
63.56			3463	-21477.3	-20607.2	3638.4	-17377.9	-24706.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.41			3432	-9068.0	-6243.6	2241.9	-5006.2	-10305.4
61.10			3431	-4090.6	-2818.3	3722.4	321.9	-7230.8
49.85			3462	-26939.1	-12108.6	5118.9	-10513.4	-28534.3
72.69								

NODE	Vxx	Vyy
Cent	-15.7	-14.4
3463	-9.8	-23.1
3432	-9.8	-5.8
3431	-21.6	-5.8
3462	-21.6	-23.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
65.09	vento -y	Cent	-17.2	1.6	11.1	6.8	-22.3
68.08		3463	-16.5	6.6	11.1	11.1	-21.0
60.30		3432	-16.5	-3.4	11.1	3.0	-22.9
61.46		3431	-17.8	-3.4	11.1	2.7	-23.8
68.83		3462	-17.8	6.6	11.1	10.9	-22.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
72.98	Cent	78.3	245.4	56.4	262.7	61.0
79.31	3463	112.3	393.4	55.0	403.7	101.9
63.86	3432	37.5	148.0	71.4	183.0	2.4
79.14	3431	-72.9	125.3	39.5	132.9	-80.4
74.82	3462	236.1	314.9	23.1	321.2	229.9

NODE	Vxx	Vyy
Cent	0.2	0.1
3463	0.0	0.2
3432	0.0	0.0
3431	0.3	0.0
3462	0.3	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
24.66	cedime~1	Cent	-3.4	-41.8	22.3	6.8	-52.0
25.39		3463	1.6	-34.8	22.3	12.2	-45.4
20.78		3432	1.6	-48.7	22.3	10.0	-57.2
23.96		3431	-8.4	-48.7	22.3	1.5	-58.7
		3462	-8.4	-34.8	22.3	4.3	-47.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

29.70

ANGLE NODE Mxx Myy Mxy Mmax Mmin

7.52	Cent	-12545.5	-71060.6	7865.5	-11506.7	-72099.4
4.88	3463	-16119.2	-84735.0	5899.4	-15615.6	-85238.5
7.35	3432	-12802.8	-68980.6	7371.3	-11851.7	-69931.7
10.83	3431	-8785.6	-58465.2	9863.6	-6898.8	-60352.0
7.87	3462	-12474.6	-72061.5	8391.8	-11315.3	-73220.8

NODE Vxx Vyy

Cent	-0.6	-26.0
3463	-0.2	-28.7
3432	-0.2	-23.3
3431	-1.0	-23.3
3462	-1.0	-28.7

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-31.57	perm	Cent	501.4	186.5	-310.8	692.3	-4.5
-29.00		3463	510.2	121.8	-310.8	682.4	-50.5
-33.69		3432	510.2	251.1	-310.8	717.4	44.0
-34.39		3431	492.6	251.1	-310.8	705.3	38.5
-29.59		3462	492.6	121.8	-310.8	669.1	-54.7

ANGLE NODE Mxx Myy Mxy Mmax Mmin

22.69	Cent	-5543.5	-9295.3	1900.7	-4748.9	-10089.9
14.40	3463	-7619.9	-14468.3	1882.5	-7136.5	-14951.6
15.88	3432	-3902.0	-8559.0	1442.0	-3491.6	-8969.3
27.29	3431	-2134.1	-5163.1	2130.1	-1034.9	-6262.3
42.37	3462	-8518.1	-8990.8	2570.6	-6173.0	-11335.9

NODE Vxx Vyy

Cent	-4.2	-10.5
3463	-2.6	-13.6
3432	-2.6	-7.3
3431	-5.8	-7.3
3462	-5.8	-13.6

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	1353.6	465.7	-277.8	1445.5	373.8
-17.03			3463	1383.1	309.3	-277.8	1459.8	231.0
-14.62			3432	1383.1	624.1	-277.8	1486.1	519.6
-19.20			3431	1325.8	624.1	-277.8	1436.6	513.2
-20.27			3462	1325.8	309.3	-277.8	1407.8	227.2
-15.28		Min	Cent	485.7	134.4	-809.3	1116.4	-496.3
-38.71			3463	495.2	63.7	-809.3	1096.5	-536.3
-37.31			3432	495.2	194.1	-809.3	1146.9	-455.9
-39.56			3431	474.0	194.1	-809.3	1133.4	-465.3
-39.96			3462	474.0	63.7	-809.3	1082.1	-544.4
-37.70								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	8816.2	-3040.5	30421.6	26210.0	-20434.3
37.64			3463	9768.5	-12516.5	25962.8	21575.8	-24323.8
30.48			3432	12984.7	-4411.5	27647.1	26349.3	-17776.2
33.39			3431	31807.9	24300.1	35643.0	54105.3	2002.7
40.86			3462	25730.5	20239.2	32253.0	47003.5	-1033.8
41.72		Min	Cent	-38293.7	-140187.3	-21214.8	-36573.8	-141907.2
-7.34			3463	-45081.9	-189430.9	-18945.0	-43912.4	-190600.5
-5.12			3432	-35999.5	-171691.0	-19067.2	-34998.8	-172691.7
-4.89			3431	-33172.2	-100297.8	-22059.4	-31025.1	-102444.9
-9.98			3462	-47606.8	-113283.3	-23566.0	-44270.4	-116619.8
-12.40								

			NODE	Vxx	Vyy
	Max	Cent	28.5	-7.3	
		3463	23.0	-9.0	
		3432	23.0	-1.8	
		3431	34.6	-1.8	
		3462	34.6	-9.0	
	Min	Cent	-43.4	-165.0	
		3463	-32.0	-175.7	
		3432	-32.0	-161.2	
		3431	-54.9	-161.2	
		3462	-54.9	-175.7	

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	2435.2	739.4	-277.8	3252.0	373.8
-29.69			3463	2484.2	431.8	-277.8	3220.2	231.0
-27.19			3432	2484.2	1047.0	-277.8	3368.3	519.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-31.68							
		3431	2386.1	1047.0	-277.8	3297.9	513.2
-32.48							
		3462	2386.1	431.8	-277.8	3143.1	227.2
-27.85							
	Min	Cent	485.7	134.4	-1432.6	1116.4	-496.3
-38.71							
		3463	495.2	63.7	-1432.6	1096.5	-536.3
-37.31							
		3432	495.2	194.1	-1432.6	1146.9	-455.9
-39.56							
		3431	474.0	194.1	-1432.6	1133.4	-465.3
-39.96							
		3462	474.0	63.7	-1432.6	1082.1	-544.4
-37.70							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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37.64							
	Max	Cent	8816.2	-3040.5	30421.6	26210.0	-20434.3
30.48							
		3463	9768.5	-12516.5	25962.8	21575.8	-24323.8
33.39							
		3432	12984.7	-4411.5	27647.1	26349.3	-13912.3
40.86							
		3431	31807.9	24300.1	35643.0	54105.3	2002.7
41.72							
		3462	25730.5	20239.2	32253.0	47003.5	-1033.8
-7.34							
	Min	Cent	-38293.7	-140187.3	-21214.8	-36573.8	-141907.2
-5.12							
		3463	-45081.9	-189430.9	-18945.0	-43912.4	-190600.5
-4.89							
		3432	-35999.5	-171691.0	-19067.2	-34998.8	-172691.7
-9.98							
		3431	-33172.2	-100297.8	-22059.4	-31025.1	-102444.9
-12.40							
		3462	-47606.8	-113283.3	-23566.0	-44270.4	-116619.8

		NODE	Vxx	Vyy
	Max	Cent	28.5	-7.3
		3463	23.0	-9.0
		3432	23.0	-1.8
		3431	34.6	-1.8
		3462	34.6	-9.0
	Min	Cent	-43.4	-165.0
		3463	-32.0	-175.7
		3432	-32.0	-161.2
		3431	-54.9	-161.2
		3462	-54.9	-175.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4593	1	22	c mob-a	Max	Cent	813.3	83.1	3.4	813.3	83.1
	0.27				3494	842.8	22.7	3.4	842.8	22.7
	0.24				3463	842.8	164.0	3.4	842.8	164.0
	0.29				3462	783.8	164.0	3.4	783.8	164.0
	0.31				3493	783.8	22.7	3.4	783.8	22.7
	0.26									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.98	Min	Cent	-6.9	-26.8	-280.6	263.9	-297.6
-41.63		3494	-7.4	-73.7	-280.6	242.0	-323.1
-44.78		3463	-7.4	-11.7	-280.6	271.0	-290.1
-44.74		3462	-6.5	-11.7	-280.6	271.5	-289.7
-41.59		3493	-6.5	-73.7	-280.6	242.5	-322.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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37.67	Max	Cent	10396.6	5494.5	9366.2	17627.1	-1736.0
28.81		3494	12683.5	1639.4	8707.7	17472.5	-3149.6
30.38		3463	12551.0	1297.0	10048.0	18440.3	-4592.3
38.56		3462	25917.7	21743.2	9134.4	33200.3	14460.6
40.60		3493	23791.0	21332.7	7937.6	30594.1	14529.6
-50.44	Min	Cent	-15702.4	-12411.4	-8558.1	-5342.0	-22771.8
-45.37		3494	-19345.1	-19113.0	-9054.8	-10173.5	-28284.6
-44.79		3463	-18427.1	-18543.8	-7902.2	-10583.1	-26387.9
-61.39		3462	-17888.3	-8671.4	-7157.8	-4766.9	-21792.9
-63.18		3493	-22576.2	-10743.1	-8037.5	-6679.4	-26639.9

		NODE	Vxx	Vyy
Max	Cent		24.8	2.5
	3494		20.7	3.2
	3463		20.7	2.8
	3462		30.5	2.8
	3493		30.5	3.2
Min	Cent		-28.3	-68.4
	3494		-21.3	-72.4
	3463		-21.3	-74.1
	3462		-36.5	-74.1
	3493		-36.5	-72.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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0.36	c mob-b	Max	Cent	788.0	90.7	4.4	788.0	90.6
0.32			3494	816.8	27.9	4.4	816.8	27.9
0.39			3463	816.8	169.2	4.4	816.8	169.2
0.43			3462	759.2	169.2	4.4	759.3	169.2
0.34			3493	759.2	27.9	4.4	759.2	27.9
-44.09		Min	Cent	-7.5	-25.1	-277.2	261.1	-293.7
-41.95			3494	-7.9	-67.2	-277.2	241.3	-316.4
			3463	-7.9	-11.6	-277.2	267.5	-287.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.81		3462	-7.2	-11.6	-277.2	267.8	-286.7
-44.77		3493	-7.2	-67.2	-277.2	241.7	-316.1
-41.91							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	4997.4	1003.1	16309.4	19431.5	-13431.0
41.51			3494	1897.0	1514.2	13278.1	14985.0	-11573.8
44.59			3463	1371.4	1309.2	15311.7	16652.0	-13971.4
44.94			3462	19097.2	1758.1	18678.8	31020.4	-10165.0
32.55			3493	17914.1	1790.2	16376.4	28105.4	-8401.1
31.89		Min	Cent	-18846.9	-43684.8	-16204.7	-10849.6	-51682.1
-26.27			3494	-20763.1	-66379.5	-14764.8	-16401.2	-70741.4
-16.46			3463	-19173.8	-67404.6	-14100.3	-15354.1	-71224.3
-15.16			3462	-17853.8	-23642.6	-16352.5	-4141.5	-37354.9
-39.98			3493	-22942.1	-23080.4	-18375.1	-4636.0	-41386.5
-44.89								

		NODE	Vxx	Vyy
	Max	Cent	19.1	3.1
		3494	12.4	3.9
		3463	12.4	3.4
		3462	27.5	3.4
		3493	27.5	3.9
	Min	Cent	-22.6	-97.4
		3494	-13.4	-99.7
		3463	-13.4	-98.8
		3462	-33.0	-98.8
		3493	-33.0	-99.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	2319.9	161.5	-792.5	2579.7	-98.3
-18.15			3494	2400.2	-100.1	-792.5	2630.2	-330.2
-16.19			3463	2400.2	423.1	-792.5	2678.7	144.6
-19.36			3462	2239.7	423.1	-792.5	2536.8	125.9
-20.55			3493	2239.7	-100.1	-792.5	2482.8	-343.3
-17.06								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	-31968.3	-19818.0	3184.2	-19034.1	-32752.2
76.17			3494	-33919.1	-27220.0	2611.6	-26322.2	-34816.9
71.03			3463	-33674.2	-23046.6	3991.2	-21714.7	-35006.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

71.55							
		3462	-23290.8	-11379.0	4726.2	-9731.6	-24938.2
70.78							
		3493	-36989.1	-17626.3	3346.6	-17064.2	-37551.2
80.47							

NODE	Vxx	Vyy
Cent	-6.6	-23.8
3494	0.7	-24.5
3463	0.7	-23.1
3462	-13.8	-23.1
3493	-13.8	-24.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
80.53	vento -y	Cent	-23.1	9.4	5.6	10.3	-24.0
81.46		3494	-22.9	13.4	5.6	14.2	-23.8
79.27		3463	-22.9	5.4	5.6	6.5	-24.0
79.38		3462	-23.3	5.4	5.6	6.5	-24.3
81.54		3493	-23.3	13.4	5.6	14.2	-24.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
74.25	Cent	262.5	416.7	47.3	430.0	249.1
77.81	3494	276.8	527.7	56.8	540.0	264.5
75.11	3463	292.6	429.4	39.2	439.8	282.2
82.20	3462	138.6	295.4	21.9	298.4	135.6
66.17	3493	342.0	414.1	39.6	431.6	324.5

NODE	Vxx	Vyy
Cent	0.1	0.3
3494	-0.0	0.3
3463	-0.0	0.2
3462	0.2	0.2
3493	0.2	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.34	cedime~1	Cent	1.6	-22.7	12.0	6.5	-27.6
24.52		3494	9.3	-11.6	12.0	14.7	-17.0
14.56		3463	9.3	-33.8	12.0	12.4	-37.0
20.45		3462	-6.1	-33.8	12.0	-1.6	-38.3
38.60		3493	-6.1	-11.6	12.0	3.5	-21.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
3.89		Cent	-14973.0	-81350.8	4533.3	-14664.8	-81659.0
2.24		3494	-19145.4	-91919.2	2850.7	-19033.9	-92030.7
4.18		3463	-16021.3	-84715.4	5044.7	-15652.8	-85083.9
5.73		3462	-11381.5	-71842.9	6130.1	-10766.3	-72458.1
3.53		3493	-13343.7	-76925.8	3936.1	-13101.0	-77168.6

NODE	Vxx	Vyy
Cent	-1.5	-31.0
3494	-1.9	-33.2
3463	-1.9	-28.7
3462	-1.1	-28.7
3493	-1.1	-33.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.67	perm	Cent	643.3	72.7	-233.9	726.9	-10.9
-17.51		3494	662.7	-4.7	-233.9	736.5	-78.5
-21.19		3463	662.7	150.2	-233.9	753.4	59.5
-22.32		3462	623.9	150.2	-233.9	719.9	54.2
-18.33		3493	623.9	-4.7	-233.9	701.4	-82.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
25.68		Cent	-10337.1	-13405.6	1919.6	-9414.0	-14328.7
13.04		3494	-11556.9	-18034.5	1585.3	-11189.7	-18401.7
21.79		3463	-10869.4	-15118.2	2021.3	-10061.4	-15926.1
37.59		3462	-7459.9	-8779.2	2492.2	-5541.5	-10697.6
43.41		3493	-11462.3	-11690.5	2056.2	-9517.0	-13635.8

NODE	Vxx	Vyy
Cent	-2.0	-14.4
3494	-0.1	-15.2
3463	-0.1	-13.6
3462	-3.8	-13.6
3493	-3.8	-15.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.22	INV TO~1 Max	Cent	1742.8	195.1	-216.0	1774.1	162.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.79		3494	1809.7	32.9	-216.0	1835.4	4.0
-8.21		3463	1809.7	378.6	-216.0	1840.9	343.0
-9.64		3462	1682.0	378.6	-216.0	1720.7	339.9
-7.73		3493	1682.0	32.9	-216.0	1712.9	2.0
-31.33	Min	Cent	633.2	13.8	-612.7	1000.5	-351.9
-28.55		3494	652.0	-115.7	-612.7	988.1	-446.0
-32.49		3463	652.0	100.5	-612.7	1043.8	-282.0
-33.55		3462	608.1	100.5	-612.7	1006.4	-297.8
-29.47		3493	608.1	-115.7	-612.7	947.5	-455.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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39.28	Max	Cent	3698.3	-5988.0	28470.6	23277.5	-25567.2
30.64		3494	5565.9	-15821.3	22361.4	17121.3	-27376.8
33.41		3463	6074.4	-13350.7	27736.8	21045.2	-28321.5
41.42		3462	27529.0	20574.1	33838.7	51977.6	-3874.4
42.90		3493	20655.5	17108.6	28100.4	43111.4	-5347.3
-8.34	Min	Cent	-50753.4	-153730.9	-19956.7	-48493.0	-155991.3
-6.21		3494	-58732.4	-199566.0	-18347.1	-57047.5	-201250.9
-4.92		3463	-52775.3	-190829.8	-17014.1	-51745.2	-191859.8
-10.58		3462	-42990.7	-112539.5	-19583.7	-40478.9	-115051.3
-15.23		3493	-55777.8	-119774.8	-22750.1	-50656.6	-124896.1

		NODE	Vxx	Vyy
Max	Cent		31.5	-10.2
		3494	27.8	-9.9
		3463	27.8	-9.0
		3462	37.4	-9.0
		3493	37.4	-9.9
Min	Cent		-41.7	-176.9
		3494	-30.7	-183.0
		3463	-30.7	-175.7
		3462	-54.2	-175.7
		3493	-54.2	-183.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-18.15	INV TO~2	Max	Cent	3131.9	218.0	-216.0	3482.6	162.2
-16.19			3494	3240.3	32.9	-216.0	3550.8	4.0
-19.36			3463	3240.3	571.1	-216.0	3616.2	343.0
			3462	3023.5	571.1	-216.0	3424.7	339.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.55			3493	3023.5	32.9	-216.0	3351.8	2.0
-17.06								
-31.33		Min	Cent	633.2	13.8	-1069.9	1000.5	-351.9
-28.55				3494	652.0	-135.1	-1069.9	988.1
-32.49				3463	652.0	100.5	-1069.9	1043.8
-33.55				3462	608.1	100.5	-1069.9	1006.4
-29.47				3493	608.1	-135.1	-1069.9	947.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

39.28		Max	Cent	3698.3	-5988.0	28470.6	23277.5	-25567.2
30.64				3494	5565.9	-15821.3	22361.4	-27376.8
33.41				3463	6074.4	-13350.7	27736.8	-28321.5
41.42				3462	27529.0	20574.1	33838.7	-3874.4
42.90				3493	20655.5	17108.6	28100.4	-5347.3
-8.34		Min	Cent	-50753.4	-153730.9	-19956.7	-48493.0	-155991.3
-6.21				3494	-58732.4	-199566.0	-18347.1	-57047.5
-4.92				3463	-52775.3	-190829.8	-17014.1	-51745.2
-10.58				3462	-42990.7	-112539.5	-19583.7	-40478.9
-15.23				3493	-55777.8	-119774.8	-22750.1	-50656.6

NODE Vxx Vyy

Max	Cent	31.5	-10.2
	3494	27.8	-9.9
	3463	27.8	-9.0
	3462	37.4	-9.0
	3493	37.4	-9.9
Min	Cent	-41.7	-176.9
	3494	-30.7	-183.0
	3463	-30.7	-175.7
	3462	-54.2	-175.7
	3493	-54.2	-183.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4630	1	22	c mob-a	Max	Cent	2.3	9.7	59.6	65.7	-53.7
46.78					4640	2.3	11.6	59.6	66.7	-52.8
47.24					4610	2.3	12.2	59.6	67.0	-52.6
47.38					4609	2.3	12.2	59.6	67.0	-52.5
47.37					4639	2.3	11.6	59.6	66.7	-52.8
47.23				Min	Cent	-873.6	-37.6	-49.5	-34.7	-876.5
-86.62										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.64		4640	-879.6	-38.5	-49.5	-35.6	-882.5
-86.64		4610	-879.6	-38.7	-49.5	-35.8	-882.5
-86.60		4609	-867.5	-38.7	-49.5	-35.8	-870.4
-86.60		4639	-867.5	-38.5	-49.5	-35.6	-870.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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59.39	Max	Cent	26675.3	56922.2	27542.4	73220.2	10377.4
60.58		4640	26743.9	56314.8	24446.6	70099.3	12959.4
58.91		4610	26569.8	54419.3	26391.2	70334.0	10655.2
55.37		4609	43434.2	67255.4	31466.5	88990.0	21699.5
57.32		4639	43100.2	69019.5	28264.0	87153.4	24966.4
-14.75	Min	Cent	-15174.8	-123105.8	-30540.0	-7132.5	-131148.1
-11.92		4640	-19549.9	-151109.3	-29076.9	-13410.0	-157249.3
-10.43		4610	-19343.5	-153922.6	-25639.3	-14624.3	-158641.8
-18.95		4609	-19399.7	-96688.5	-30081.6	-9071.7	-107016.5
-21.54		4639	-19542.1	-94572.0	-35079.4	-5696.2	-108417.9

		NODE	Vxx	Vyy
Max	Cent	4640	28.0	16.6
		4610	20.6	17.8
		4609	20.6	17.0
		4639	36.4	17.0
		4639	36.4	17.8
Min	Cent	4640	-28.9	-158.5
		4640	-21.2	-160.7
		4610	-21.2	-162.3
		4609	-38.0	-162.3
		4639	-38.0	-160.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

47.15	c mob-b	Max	Cent	1.7	10.5	58.6	64.8	-52.6
47.64			4640	1.7	12.5	58.6	65.9	-51.7
47.76			4610	1.7	13.0	58.6	66.2	-51.5
47.75			4609	1.7	13.0	58.6	66.2	-51.5
47.62			4639	1.7	12.5	58.6	65.9	-51.7
-86.60		Min	Cent	-867.9	-41.0	-49.3	-38.1	-870.8
-86.61			4640	-871.6	-42.9	-49.3	-40.0	-874.5
-86.61			4610	-871.6	-41.8	-49.3	-38.9	-874.5
			4609	-864.2	-41.8	-49.3	-38.9	-867.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.58
-86.58

4639 -864.2 -42.9 -49.3 -40.0 -867.2

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Max Cent 22285.6 49462.7 26713.0 65844.7 5903.6

58.48 4640 17749.3 53955.5 23812.8 65765.1 5939.7

63.62 4610 17575.2 52139.7 25119.0 65347.4 4367.5

62.26 4609 32960.0 46175.8 31608.2 71859.4 7276.4

50.90 4639 32628.7 47623.9 29706.1 70764.0 9488.6

52.08 Min Cent -16515.1 -142003.2 -29892.2 -9758.4 -148760.0

-12.74 4640 -20580.1 -174308.0 -27986.9 -15643.5 -179244.6

-10.00 4610 -20750.3 -177280.8 -24730.9 -16935.9 -181095.2

-8.77 4609 -18845.0 -113729.1 -31214.7 -9497.1 -123077.0

-16.67 4639 -19776.3 -111780.0 -35512.6 -7663.5 -123892.9

-18.83

NODE Vxx Vyy

Max Cent 22.6 16.1

4640 14.8 17.2

4610 14.8 16.6

4609 30.9 16.6

4639 30.9 17.2

Min Cent -23.7 -143.6

4640 -15.5 -144.8

4610 -15.5 -146.3

4609 -32.5 -146.3

4639 -32.5 -144.8

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

pp Cent -1964.6 -46.5 24.2 -46.2 -1964.9

89.28 4640 -1954.4 -45.9 24.2 -45.6 -1954.7

89.27 4610 -1954.4 -47.1 24.2 -46.8 -1954.7

89.27 4609 -1974.8 -47.1 24.2 -46.8 -1975.1

89.28 4639 -1974.8 -45.9 24.2 -45.6 -1975.1

89.28

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent 24832.5 49077.3 -1510.6 49171.1 24738.7

-86.45 4640 25226.2 51735.8 -1397.9 51809.3 25152.7

-86.99 4610 24690.0 48657.0 -1159.6 48713.0 24634.1

-87.24 4609 24818.5 46715.4 -1553.1 46825.0 24708.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-85.96
 -85.86

NODE	Vxx	Vyy
Cent	-0.3	5.3
4640	-0.1	5.8
4610	-0.1	4.7
4609	-0.6	4.7
4639	-0.6	5.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.82	vento -y	Cent	27.7	-0.1	-1.4	27.8	-0.2
-3.06		4640	25.5	-0.1	-1.4	25.6	-0.2
-3.06		4610	25.5	-0.1	-1.4	25.6	-0.2
-2.62		4609	29.9	-0.1	-1.4	29.9	-0.2
-2.62		4639	29.9	-0.1	-1.4	29.9	-0.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.13	Cent	308.5	1660.5	-20.5	1660.9	308.2
-89.11	4640	327.2	1779.1	-22.7	1779.5	326.9
-89.51	4610	323.0	1750.3	-12.3	1750.4	322.9
-89.27	4609	302.8	1547.3	-15.9	1547.5	302.6
-88.83	4639	281.1	1565.4	-26.3	1566.0	280.6

NODE	Vxx	Vyy
Cent	-0.0	0.5
4640	-0.0	0.5
4610	-0.0	0.5
4609	-0.0	0.5
4639	-0.0	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.59	cedime~1	Cent	82.1	7.2	-0.8	82.1	7.2
-0.63		4640	77.8	7.2	-0.8	77.8	7.2
-0.63		4610	77.8	7.1	-0.8	77.8	7.1
-0.56		4609	86.3	7.1	-0.8	86.3	7.1
-0.56		4639	86.3	7.2	-0.8	86.3	7.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-0.08          Cent    -1063.3   -6301.5    -7.5    -1063.3   -6301.5
              4640    -1106.4   -6616.7    23.3    -1106.3   -6616.8
  0.24          4610    -1119.9   -6717.1   -33.3    -1119.7   -6717.3
-0.34          4609    -1061.0   -5988.0   -46.3    -1060.6   -5988.4
-0.54          4639    -966.1    -5884.0    10.2    -966.1    -5884.1
  0.12
  
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              NODE      Vxx      Vyy
-----
              Cent      0.0     -1.7
              4640     -0.0     -1.7
              4610     -0.0     -1.7
              4609      0.1     -1.7
              4639      0.1     -1.7
  
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              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
              perm    Cent      -602.9   -14.9      7.2     -14.8     -603.0
89.29          4640     -598.8   -14.5      7.2     -14.4     -598.9
89.29          4610     -598.8   -15.2      7.2     -15.1     -598.9
89.29          4609     -607.0   -15.2      7.2     -15.1     -607.1
89.30          4639     -607.0   -14.5      7.2     -14.4     -607.1
89.30
  
```

```

              NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
              Cent      2386.3   -9181.9   -346.6    2396.7   -9192.3
-1.71          4640      2021.9  -11044.4  -306.2    2029.1  -11051.6
-1.34          4610      1849.0  -11760.6  -289.8    1855.1  -11766.7
-1.22          4609      2789.7  -7261.8   -380.2    2804.1  -7276.1
-2.16          4639      2884.7  -6660.8   -396.6    2901.2  -6677.3
-2.37
  
```

```

-----
              NODE      Vxx      Vyy
-----
              Cent      0.0     -10.2
              4640      0.0     -10.1
              4610      0.0     -10.4
              4609     -0.0     -10.4
              4639     -0.0     -10.1
  
```

```

              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
              INV TO~1  Max    Cent      -517.8      6.5      87.7      20.5     -531.8
80.83          4640     -518.0      9.6      87.7      23.5     -532.0
80.89
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

80.88			4610	-518.0	9.5	87.7	23.4	-532.0
80.88			4609	-517.6	9.5	87.7	23.4	-531.5
80.88			4639	-517.6	9.6	87.7	23.5	-531.5
-88.01		Min	Cent	-1782.3	-70.3	-60.3	-68.2	-1784.3
-88.01			4640	-1786.3	-72.5	-60.3	-70.4	-1788.4
-88.01			4610	-1786.3	-71.7	-60.3	-69.6	-1788.4
-88.00			4609	-1778.2	-71.7	-60.3	-69.6	-1780.2
-88.00			4639	-1778.2	-72.5	-60.3	-70.4	-1780.2

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

55.83		Max	Cent	38398.0	67663.1	36835.7	92666.2	13395.0
56.16			4640	38126.2	64980.6	32719.9	86899.6	16207.1
54.37			4610	37718.2	61705.5	35338.3	87030.0	12393.8
52.32			4609	61425.9	83532.9	42290.9	116190.9	28767.9
53.88			4639	61070.0	86515.5	39716.9	115487.9	32097.6
-12.03		Min	Cent	-20972.4	-207187.7	-41583.1	-12108.5	-216051.6
-9.64			4640	-26867.6	-252976.9	-39560.1	-20153.7	-259690.9
-8.43			4610	-27283.9	-257806.7	-34936.2	-22105.6	-262985.0
-15.44			4609	-24460.9	-166784.0	-42566.3	-12701.6	-178543.3
-17.44			4639	-24779.4	-163447.9	-48338.6	-9598.2	-178629.2

			NODE	Vxx	Vyy
	Max	Cent		37.8	12.2
			4640	27.9	13.9
			4610	27.9	12.6
			4609	49.1	12.6
			4639	49.1	13.9
	Min	Cent		-39.0	-226.0
			4640	-28.5	-228.7
			4610	-28.5	-231.2
			4609	-51.3	-231.2
			4639	-51.3	-228.7

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

80.83	INV TO~2	Max	Cent	-517.8	6.5	87.7	20.5	-531.8
80.89			4640	-518.0	9.6	87.7	23.5	-532.0
80.88			4610	-518.0	9.5	87.7	23.4	-532.0
80.88			4609	-517.6	9.5	87.7	23.4	-531.5
80.88			4639	-517.6	9.6	87.7	23.5	-531.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

80.88								
	Min	Cent	-2652.2	-70.3	-60.3	-68.2	-2652.6	
-88.01			4640	-2638.4	-72.5	-60.3	-70.4	-2638.8
-88.01			4610	-2638.4	-71.7	-60.3	-69.6	-2638.8
-88.01			4609	-2666.0	-71.7	-60.3	-69.6	-2666.4
-88.00			4639	-2666.0	-72.5	-60.3	-70.4	-2666.4
-88.00								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	38398.0	67663.1	36835.7	92666.2	33397.2
55.83			4640	38126.2	69843.3	32719.9	33956.1
56.16			4610	37718.2	65686.9	35338.3	87030.0
54.37			4609	61425.9	83532.9	42290.9	116190.9
52.32			4639	61070.0	86515.5	39716.9	115487.9
53.88							
	Min	Cent	-20972.4	-207187.7	-41583.1	-12108.5	-216051.6
-12.03			4640	-26867.6	-252976.9	-39560.1	-20153.7
-9.64			4610	-27283.9	-257806.7	-34936.2	-22105.6
-8.43			4609	-24460.9	-166784.0	-42566.3	-12701.6
-15.44			4639	-24779.4	-163447.9	-48338.6	-9598.2
-17.44							

		NODE	Vxx	Vyy
	Max	Cent	37.8	12.2
		4640	27.9	13.9
		4610	27.9	12.6
		4609	49.1	12.6
		4639	49.1	13.9
	Min	Cent	-39.0	-226.0
		4640	-28.5	-228.7
		4610	-28.5	-231.2
		4609	-51.3	-231.2
		4639	-51.3	-228.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4631	1	22	c mob-a	Max	Cent	2.3	10.4	54.0	60.5
47.14					4669	2.3	13.0	54.0	61.9
47.83					4640	2.3	12.3	54.0	61.5
47.64					4639	2.3	12.3	54.0	61.5
47.62					4668	2.3	13.0	54.0	61.9
47.81				Min	Cent	-873.9	-38.1	-54.8	-34.5
-86.26					4669	-880.0	-36.7	-54.8	-33.2
-86.30									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.28	4640	-880.0	-40.3	-54.8	-36.8	-883.6
-86.23	4639	-867.9	-40.3	-54.8	-36.7	-871.5
-86.24	4668	-867.9	-36.7	-54.8	-33.1	-871.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

59.66	Max	Cent	26458.5	58898.3	28881.9	75803.2	9553.7
60.39			4669	26843.1	58269.0	26385.5	73265.9
59.49			4640	26682.3	56377.3	26805.0	72172.2
55.96			4639	42914.1	68853.9	32225.1	90621.3
57.29			4668	42480.8	70624.9	30756.9	90376.0
-16.15	Min	Cent	-15727.6	-115902.3	-31668.9	-6555.7	-125074.2
-12.79			4669	-19441.2	-142386.5	-29419.8	-12764.0
-11.36			4640	-19846.1	-151103.9	-27484.1	-14323.6
-20.55			4639	-20290.3	-94624.1	-32417.6	-8139.1
-23.29			4668	-20352.0	-88028.6	-35754.0	-4962.5

	NODE	Vxx	Vyy
Max	Cent	28.1	17.3
	4669	20.7	18.5
	4640	20.7	17.8
	4639	36.6	17.8
	4668	36.6	18.5
Min	Cent	-29.1	-154.0
	4669	-21.3	-156.0
	4640	-21.3	-160.7
	4639	-38.3	-160.7
	4668	-38.3	-156.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

47.59	c mob-b	Max	Cent	1.6	11.2	53.1	59.8	-46.9
48.30				4669	1.6	13.9	53.1	61.2
48.10				4640	1.6	13.1	53.1	60.8
48.08				4639	1.6	13.1	53.1	60.8
48.28				4668	1.6	13.9	53.1	61.3
-86.24		Min	Cent	-869.0	-42.2	-54.6	-38.6	-872.6
-86.26				4669	-872.6	-40.8	-54.6	-37.3
-86.24				4640	-872.6	-44.2	-54.6	-40.6
-86.21				4639	-865.4	-44.2	-54.6	-40.5
				4668	-865.4	-40.8	-54.6	-37.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.23

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	22067.2	51147.8	29121.6	69157.3	4057.7
58.27		4669	17853.9	55802.7	26224.5	69197.3	4459.3
62.94		4640	17696.9	54002.8	25855.8	67441.8	4257.8
62.54		4639	32480.2	47581.1	32869.8	73756.5	6304.8
51.47		4668	32146.8	49106.2	32846.6	74550.0	6703.0
52.24	Min	Cent	-17247.1	-132386.0	-31253.7	-9310.5	-140322.6
-14.25		4669	-20068.6	-162401.2	-28554.4	-14553.7	-167916.0
-10.93		4640	-20646.5	-174310.6	-27055.9	-16021.9	-178935.2
-9.70		4639	-19962.2	-111887.4	-34180.6	-8645.9	-123203.7
-18.32		4668	-20027.2	-103415.8	-36487.4	-6316.2	-117126.8
-20.59							

		NODE	Vxx	Vyy
Max	Cent		22.7	16.8
		4669	14.9	17.9
		4640	14.9	17.2
		4639	31.1	17.2
		4668	31.1	17.9
Min	Cent		-24.0	-136.0
		4669	-15.6	-137.9
		4640	-15.6	-144.8
		4639	-32.8	-144.8
		4668	-32.8	-137.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-1964.8	-41.3	2.0	-41.3	-1964.8
89.94		4669	-1954.8	-36.6	2.0	-36.6	-1954.8
89.94		4640	-1954.8	-45.9	2.0	-45.9	-1954.8
89.94		4639	-1974.8	-45.9	2.0	-45.9	-1974.8
89.94		4668	-1974.8	-36.6	2.0	-36.6	-1974.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	24801.2	51701.2	-1215.1	51756.0	24746.4
-87.42		4669	25482.8	54510.9	-758.4	54530.7	25463.0
-88.50		4640	25093.5	51709.3	-1256.5	51768.4	25034.3
-87.30		4639	24428.5	49167.7	-1615.4	49272.7	24323.5
-86.28		4668	24199.9	51417.0	-1117.3	51462.8	24154.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.65

NODE	Vxx	Vyy
Cent	-0.4	6.3
4669	-0.1	6.8
4640	-0.1	5.8
4639	-0.6	5.8
4668	-0.6	6.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.93	vento -y	Cent	27.2	-0.3	-0.4	27.2	-0.3
-1.00		4669	25.1	-0.5	-0.4	25.1	-0.5
-1.01		4640	25.1	-0.2	-0.4	25.1	-0.2
-0.86		4639	29.4	-0.2	-0.4	29.4	-0.2
-0.86		4668	29.4	-0.5	-0.4	29.4	-0.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-89.15	Cent	297.3	1685.7	-20.6	1686.0	297.0
-89.53	4669	324.8	1811.1	-12.3	1811.2	324.7
-89.12	4640	321.7	1778.0	-22.4	1778.4	321.4
-88.81	4639	282.5	1565.7	-26.6	1566.3	282.0
-89.29	4668	260.2	1587.8	-16.5	1588.1	260.0

NODE	Vxx	Vyy
Cent	-0.0	0.5
4669	-0.0	0.5
4640	-0.0	0.5
4639	-0.0	0.5
4668	-0.0	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.31	cedime~1	Cent	81.5	6.9	-0.4	81.5	6.9
-0.32		4669	77.4	6.7	-0.4	77.4	6.7
-0.33		4640	77.4	7.1	-0.4	77.4	7.1
-0.29		4639	85.7	7.1	-0.4	85.7	7.1
-0.29		4668	85.7	6.7	-0.4	85.7	6.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.33	Cent	-1020.0	-6267.9	30.4	-1019.9	-6268.0
0.18	4669	-1096.9	-6659.5	17.2	-1096.8	-6659.5
0.32	4640	-1102.6	-6615.9	31.1	-1102.4	-6616.1
0.43	4639	-977.0	-5886.2	37.0	-976.7	-5886.5
0.27	4668	-903.8	-5909.8	23.2	-903.7	-5910.0

NODE	Vxx	Vyy
Cent	0.0	-1.7
4669	0.0	-1.7
4640	0.0	-1.7
4639	0.1	-1.7
4668	0.1	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.92	perm	Cent	-603.4	-13.0	0.8	-13.0	-603.4
89.92		4669	-599.3	-11.4	0.8	-11.4	-599.3
89.92		4640	-599.3	-14.6	0.8	-14.6	-599.3
89.92		4639	-607.4	-14.6	0.8	-14.6	-607.4
89.92		4668	-607.4	-11.4	0.8	-11.4	-607.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-1.54	Cent	2474.4	-8552.9	-296.0	2482.3	-8560.8
-1.01	4669	2134.6	-10374.7	-219.9	2138.5	-10378.5
-1.24	4640	2002.1	-11048.4	-282.3	2008.2	-11054.5
-2.20	4639	2845.7	-6668.6	-366.9	2859.8	-6682.8
-1.93	4668	2915.1	-6119.7	-304.5	2925.4	-6130.0

NODE	Vxx	Vyy
Cent	-0.0	-10.0
4669	-0.0	-9.9
4640	-0.0	-10.1
4639	-0.0	-10.1
4668	-0.0	-9.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
82.24	INV TO~1 Max	Cent	-518.7	9.1	73.7	19.1	-528.7
82.31		4669	-518.9	14.0	73.7	23.9	-528.8
82.26		4640	-518.9	10.2	73.7	20.2	-528.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

82.25		4639	-518.5	10.2	73.7	20.2	-528.5
82.30		4668	-518.5	14.0	73.7	23.9	-528.4
-87.56	Min	Cent	-1783.2	-70.0	-73.6	-66.9	-1786.3
-87.57		4669	-1787.3	-66.5	-73.6	-63.4	-1790.4
-87.56		4640	-1787.3	-74.2	-73.6	-71.1	-1790.4
-87.55		4639	-1779.0	-74.2	-73.6	-71.1	-1782.1
-87.56		4668	-1779.0	-66.5	-73.6	-63.4	-1782.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

56.39	Max	Cent	38193.4	70959.9	39048.5	96894.8	12258.5
56.45		4669	38372.8	68288.5	35417.8	91761.6	14899.7
55.32		4640	38023.3	65061.0	35935.6	89907.3	13176.9
53.08		4639	60779.7	86284.1	44044.4	119349.7	27714.2
54.10		4668	60264.1	89223.8	44061.6	121101.8	28386.2
-13.31	Min	Cent	-21829.2	-193541.9	-43049.0	-11654.8	-203716.3
-10.40		4669	-26054.8	-236275.8	-39936.6	-18729.7	-243600.9
-9.15		4640	-26973.2	-252983.6	-37385.9	-20959.3	-258997.5
-16.97		4639	-25523.2	-163602.8	-46510.7	-11338.6	-177787.4
-19.07		4668	-25463.9	-151641.0	-49562.4	-8338.4	-168766.5

NODE Vxx Vyy

Max	Cent	37.9	13.4
	4669	28.0	15.1
	4640	28.0	13.9
	4639	49.4	13.9
	4668	49.4	15.1
Min	Cent	-39.3	-219.6
	4669	-28.7	-222.1
	4640	-28.7	-228.7
	4639	-51.7	-228.7
	4668	-51.7	-222.1

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

82.24	INV TO~2	Max	Cent	-518.7	9.1	73.7	19.1	-528.7
82.31			4669	-518.9	14.0	73.7	23.9	-528.8
82.26			4640	-518.9	10.2	73.7	20.2	-528.9
82.25			4639	-518.5	10.2	73.7	20.2	-528.5
82.30			4668	-518.5	14.0	73.7	23.9	-528.4
		Min	Cent	-2652.5	-70.0	-73.6	-66.9	-2652.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.56			4669	-2639.0	-66.5	-73.6	-63.4	-2639.0
-87.57			4640	-2639.0	-74.2	-73.6	-71.1	-2639.0
-87.56			4639	-2666.0	-74.2	-73.6	-71.1	-2666.0
-87.55			4668	-2666.0	-66.5	-73.6	-63.4	-2666.0
-87.56								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	38193.4	70959.9	39048.5	96894.8	33407.6
56.39					4669	38372.8	73589.7	35417.8	91761.6
56.45					4640	38023.3	69807.5	35935.6	89907.3
55.32					4639	60779.7	86284.1	44044.4	119349.7
53.08					4668	60264.1	89223.8	44061.6	121101.8
54.10			Min	Cent	-21829.2	-193541.9	-43049.0	-11654.8	-203716.3
-13.31					4669	-26054.8	-236275.8	-39936.6	-18729.7
-10.40					4640	-26973.2	-252983.6	-37385.9	-20959.3
-9.15					4639	-25523.2	-163602.8	-46510.7	-11338.6
-16.97					4668	-25463.9	-151641.0	-49562.4	-8338.4
-19.07									

			NODE	Vxx	Vyy
		Max	Cent	37.9	13.4
			4669	28.0	15.1
			4640	28.0	13.9
			4639	49.4	13.9
			4668	49.4	15.1
		Min	Cent	-39.3	-219.6
			4669	-28.7	-222.1
			4640	-28.7	-228.7
			4639	-51.7	-228.7
			4668	-51.7	-222.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
4670	1	22	c mob-a	Max	Cent	781.8	78.0	262.0	868.6
18.33					5930	814.7	194.1	262.0	910.5
20.09					5895	814.7	16.1	262.0	893.0
16.64					5894	748.9	16.1	262.0	833.0
17.78					5929	748.9	194.1	262.0	853.1
21.68				Min	Cent	-6.8	-78.6	-3.0	-6.7
-2.43					5930	-7.3	-38.8	-3.0	-7.1
-5.49					5895	-7.3	-160.5	-3.0	-7.3
-1.14									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.13		5894	-6.5	-160.5	-3.0	-6.4	-160.5
-5.35		5929	-6.5	-38.8	-3.0	-6.2	-39.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	10428.1	5844.6	23207.6	31456.8	-15184.2
42.18		5930	12581.6	1340.4	17896.5	25719.4	-11797.4
36.28		5895	12708.2	1659.0	22531.0	30382.0	-16014.8
38.11		5894	30026.7	21494.0	26959.7	53055.5	-1534.8
40.50		5929	32009.8	21956.1	22429.5	49968.9	3997.0
38.68	Min	Cent	-27158.2	-99760.6	-28521.4	-17294.0	-109624.9
-19.08		5930	-29621.8	-128704.3	-26768.9	-22852.2	-135473.8
-14.19		5895	-32461.8	-130779.5	-25307.9	-26329.8	-136911.5
-13.62		5894	-32483.7	-76207.0	-29801.4	-17385.2	-91305.5
-26.87		5929	-28428.3	-75176.9	-32332.4	-11906.0	-91699.3
-27.07							

		NODE	Vxx	Vyy			
	Max	Cent	36.9	2.6			
		5930	26.8	2.9			
		5895	26.8	3.3			
		5894	47.8	3.3			
		5929	47.8	2.9			
	Min	Cent	-34.0	-153.3			
		5930	-25.6	-154.8			
		5895	-25.6	-159.2			
		5894	-43.5	-159.2			
		5929	-43.5	-154.8			

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	c mob-b	Max	Cent	764.1	119.9	257.6	854.5	29.5
19.33			5930	795.8	241.4	257.6	897.0	140.2
21.45			5895	795.8	38.9	257.6	875.2	-40.5
17.12			5894	732.5	38.9	257.6	817.7	-46.3
18.30			5929	732.5	241.4	257.6	842.8	131.1
23.19		Min	Cent	-6.7	-62.8	-3.6	-6.4	-63.1
-3.69			5930	-7.1	-22.7	-3.6	-6.3	-23.5
-12.50			5895	-7.1	-149.1	-3.6	-7.0	-149.1
-1.47			5894	-6.3	-149.1	-3.6	-6.2	-149.1
-1.46			5929	-6.3	-22.7	-3.6	-5.5	-23.5
-11.94								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1047.3	2451.5	2779.1	4615.8	-1117.0
52.09		5930	660.5	2427.6	2010.6	3740.2	-652.2
56.86		5895	1916.2	3522.7	2879.9	5709.3	-270.3
52.79		5894	3777.1	2544.1	3493.9	6708.4	-387.3
40.00		5929	1515.0	1845.5	2521.1	4206.8	-846.2
46.88	Min	Cent	-26270.9	-78565.5	-23982.4	-16938.1	-87898.3
-21.26		5930	-24696.0	-81158.8	-20342.6	-18130.4	-87724.4
-17.89		5895	-31029.9	-110453.7	-22810.1	-24945.1	-116538.5
-14.94		5894	-29521.7	-73192.4	-27832.0	-15981.9	-86732.2
-25.94		5929	-23888.9	-56234.1	-25660.3	-9729.9	-70393.0
-28.89							

		NODE	Vxx	Vyy
	Max	Cent	7.1	2.5
		5930	6.8	2.1
		5895	6.8	3.1
		5894	8.0	3.1
		5929	8.0	2.1
	Min	Cent	-7.7	-69.9
		5930	-5.0	-56.9
		5895	-5.0	-85.3
		5894	-11.6	-85.3
		5929	-11.6	-56.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	2225.9	-5.0	724.9	2440.8	-219.9
16.51		5930	2316.7	361.6	724.9	2556.2	122.2
18.28		5895	2316.7	-371.6	724.9	2499.7	-554.7
14.17		5894	2135.1	-371.6	724.9	2329.7	-566.2
15.02		5929	2135.1	361.6	724.9	2393.7	103.0
19.63							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-32968.9	-24286.8	-3250.0	-23205.0	-34050.7
-71.59		5930	-34884.0	-27952.5	-4162.0	-26002.2	-36834.3
-64.89		5895	-35317.5	-32760.3	-2507.3	-31224.4	-36853.4
-58.51		5894	-37963.8	-21572.6	-3333.7	-20920.5	-38615.9
-78.93		5929	-23710.4	-14861.9	-4988.4	-12618.5	-25953.9
-65.79							

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	6.9	-27.1
5930	-0.6	-26.1
5895	-0.6	-28.2
5894	14.3	-28.2
5929	14.3	-26.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-20.8	11.3	-4.6	11.9	-21.4
-81.95		5930	-20.8	7.5	-4.6	8.2	-21.5
-80.94		5895	-20.8	15.1	-4.6	15.7	-21.4
-82.77		5894	-20.7	15.1	-4.6	15.7	-21.3
-82.75		5929	-20.7	7.5	-4.6	8.2	-21.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	253.6	387.8	-39.1	398.3	243.1
-74.90	5930	278.1	396.4	-31.9	404.5	270.0
-75.85	5895	270.9	494.9	-48.6	504.9	260.8
-78.27	5894	330.3	387.5	-31.7	401.6	316.2
-66.03	5929	135.3	272.5	-14.9	274.1	133.7

NODE	Vxx	Vyy
Cent	-0.1	0.3
5930	0.0	0.2
5895	0.0	0.3
5894	-0.2	0.3
5929	-0.2	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	19.3	-2.3	-8.9	22.5	-5.5
-19.74		5930	28.2	-21.7	-8.9	29.7	-23.2
-9.86		5895	28.2	17.0	-8.9	33.1	12.0
-28.96		5894	10.5	17.0	-8.9	23.2	4.2
-54.96		5929	10.5	-21.7	-8.9	12.8	-24.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-15830.5	-84262.6	-4633.1	-15518.2	-84574.9
-3.86						

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.15	5930	-16683.0	-88099.7	-5205.5	-16305.5	-88477.2
-2.27	5895	-20382.2	-95049.7	-2970.7	-20264.2	-95167.7
-3.51	5894	-14568.7	-79476.3	-3999.8	-14323.1	-79721.9
-5.62	5929	-11688.0	-74424.7	-6234.6	-11074.4	-75038.3

NODE	Vxx	Vyy
Cent	2.3	-32.6
5930	2.6	-30.5
5895	2.6	-34.6
5894	2.1	-34.6
5929	2.1	-30.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
17.72	perm	Cent	621.1	39.3	207.0	687.3	-26.9
20.19		5930	643.3	156.6	207.0	719.5	80.4
14.93		5895	643.3	-78.0	207.0	698.6	-133.2
15.73		5894	598.9	-78.0	207.0	657.2	-136.3
21.56		5929	598.9	156.6	207.0	680.7	74.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-32.84	Cent	-10233.5	-11877.8	-1818.7	-9059.7	-13051.6
-28.15	5930	-10725.2	-13248.7	-1891.6	-9713.2	-14260.7
-15.67	5895	-11322.2	-16264.9	-1505.0	-10900.0	-16687.1
-51.85	5894	-11486.1	-10512.1	-1996.8	-8943.8	-13054.4
-44.49	5929	-7400.4	-7485.5	-2383.3	-5059.2	-9826.6

NODE	Vxx	Vyy
Cent	1.9	-13.1
5930	-0.0	-12.3
5895	-0.0	-13.9
5894	3.9	-13.9
5929	3.9	-12.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
18.20	INV TO~1 Max	Cent	1695.9	201.1	560.8	1877.3	17.4
20.05		5930	1771.3	482.5	560.8	1972.7	269.2
15.90		5895	1771.3	-8.5	560.8	1928.5	-165.7
17.06		5894	1620.5	-8.5	560.8	1789.8	-177.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.42			5929	1620.5	482.5	560.8	1841.4	251.1
15.39	Min	Cent		611.9	-69.2	193.2	667.5	-122.5
18.69			5930	633.4	82.6	193.2	701.8	24.0
11.77			5895	633.4	-294.6	193.2	675.5	-336.7
12.28			5894	590.2	-294.6	193.2	634.1	-338.6
19.88			5929	590.2	82.6	193.2	663.2	18.5

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
41.22	Max	Cent		3844.4	-3987.6	29511.6	29698.6	-29841.8
34.99			5930	6260.0	-9971.4	22268.8	21845.8	-25557.3
36.65			5895	5833.9	-11509.2	28911.8	27346.6	-33021.9
40.64			5894	29050.0	18504.8	34398.8	58577.9	-11023.2
38.12			5929	35812.8	22155.3	27896.6	57704.3	263.9
-14.07	Min	Cent		-62727.5	-230817.2	-44955.7	-51459.5	-242085.3
-11.30			5930	-67397.6	-275099.2	-43235.0	-58757.2	-283739.5
-10.00			5895	-75527.8	-287866.9	-38641.3	-68714.5	-294680.2
-18.47			5894	-69907.7	-192867.8	-46228.5	-54466.6	-208309.0
-19.85			5929	-57466.7	-183399.1	-52266.7	-38600.4	-202265.3

		NODE	Vxx	Vyy
Max	Cent		54.0	-9.6
		5930	38.8	-8.3
		5895	38.8	-9.5
		5894	70.5	-9.5
		5929	70.5	-8.3
Min	Cent		-44.0	-252.6
		5930	-34.6	-251.7
		5895	-34.6	-263.5
		5894	-54.8	-263.5
		5929	-54.8	-251.7

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
16.51	INV TO~2	Max	Cent	3005.0	201.1	978.6	3295.1	17.4
18.28				5930	3127.5	488.2	978.6	269.2
14.17				5895	3127.5	-8.5	978.6	-165.7
15.02				5894	2882.4	-8.5	978.6	3145.1
19.63				5929	2882.4	488.2	978.6	3231.5
15.39		Min	Cent	611.9	-69.2	193.2	667.5	-296.8
				5930	633.4	82.6	193.2	24.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.69							
		5895	633.4	-501.7	193.2	675.5	-748.8
11.77							
		5894	590.2	-501.7	193.2	634.1	-764.3
12.28							
		5929	590.2	82.6	193.2	663.2	18.5
19.88							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	3844.4	-3987.6	29511.6	29698.6	-29841.8
41.22							
		5930	6260.0	-9971.4	22268.8	21845.8	-25557.3
34.99							
		5895	5833.9	-11509.2	28911.8	27346.6	-33021.9
36.65							
		5894	29050.0	18504.8	34398.8	58577.9	-11023.2
40.64							
		5929	35812.8	22155.3	27896.6	57704.3	263.9
38.12							
	Min	Cent	-62727.5	-230817.2	-44955.7	-51459.5	-242085.3
-14.07							
		5930	-67397.6	-275099.2	-43235.0	-58757.2	-283739.5
-11.30							
		5895	-75527.8	-287866.9	-38641.3	-68714.5	-294680.2
-10.00							
		5894	-69907.7	-192867.8	-46228.5	-54466.6	-208309.0
-18.47							
		5929	-57466.7	-183399.1	-52266.7	-38600.4	-202265.3
-19.85							

		NODE	Vxx	Vyy
	Max	Cent	54.0	-9.6
		5930	38.8	-8.3
		5895	38.8	-9.5
		5894	70.5	-9.5
		5929	70.5	-8.3
	Min	Cent	-44.0	-252.6
		5930	-34.6	-251.7
		5895	-34.6	-263.5
		5894	-54.8	-263.5
		5929	-54.8	-251.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										

4671	1	22	c mob-a	Max	Cent	596.4	301.3	350.0	828.7	69.1
33.57										
					5966	619.4	445.0	350.0	892.9	171.5
38.00										
					5930	619.4	157.2	350.0	807.7	-31.1
28.28										
					5929	573.5	157.2	350.0	772.6	-41.8
29.63										
					5965	573.5	445.0	350.0	865.1	153.4
39.80										
				Min	Cent	-8.6	-31.2	-5.0	-7.6	-32.2
-11.88										
					5966	-11.3	-25.5	-5.0	-9.7	-27.1
-17.49										
					5930	-11.3	-49.0	-5.0	-10.7	-49.6
-7.39										
					5929	-6.9	-49.0	-5.0	-6.3	-49.6
-6.64										

PROJECT TITLE :

	Company		Client	
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	Max	Cent	935.4	2006.2	1152.7	2741.8	199.8
57.46		5966	919.4	2994.4	997.2	3395.9	517.8
68.07		5930	1259.1	2537.9	1221.8	3277.5	519.6
58.81		5929	879.6	1810.6	1220.9	2651.7	38.5
55.44		5965	1150.5	2199.4	1048.7	2847.5	502.4
58.28	Min	Cent	-17648.0	-54975.4	-19310.8	-9455.8	-63167.6
-22.99		5966	-13854.4	-49294.5	-15118.7	-8281.2	-54867.7
-20.24		5930	-21524.8	-80588.2	-18387.9	-16268.1	-85845.0
-15.95		5929	-24124.3	-56491.8	-23469.4	-11799.7	-68816.5
-27.71		5965	-14674.8	-37870.1	-20327.4	-2869.3	-49675.7
-30.15							

	NODE	Vxx	Vyy
Max	Cent	8.0	1.8
	5966	6.0	3.1
	5930	6.0	2.1
	5929	10.0	2.1
	5965	10.0	3.1
Min	Cent	-4.4	-41.5
	5966	-3.6	-27.2
	5930	-3.6	-56.9
	5929	-5.6	-56.9
	5965	-5.6	-27.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1698.8	663.5	989.2	2297.6	64.7
31.19		5966	1762.1	1070.7	989.2	2464.2	368.6
35.37		5930	1762.1	256.2	989.2	2252.3	-234.0
26.36		5929	1635.5	256.2	989.2	2151.7	-260.0
27.56		5965	1635.5	1070.7	989.2	2381.8	324.4
37.03							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-15989.0	-13863.4	-3672.0	-11103.5	-18748.9
-53.07	5966	-9698.1	-9247.3	-2559.3	-6903.5	-12042.0
-47.52	5930	-22307.0	-25437.1	-3887.5	-19681.3	-28062.8
-34.04	5929	-27633.1	-15646.4	-5629.0	-13417.5	-29862.0
-68.40	5965	-4317.9	-5122.7	-4300.8	-400.7	-9039.9
-42.33						

NODE	Vxx	Vyy
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Cent	15.7	-16.7
5966	9.6	-7.3
5930	9.6	-26.1
5929	21.8	-26.1
5965	21.8	-7.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-66.76	vento -y	Cent	-15.0	2.5	-9.3	6.5	-19.0
-60.52		5966	-14.7	-3.6	-9.3	1.7	-19.9
-70.80		5930	-14.7	8.6	-9.3	11.9	-17.9
-71.19		5929	-15.4	8.6	-9.3	11.8	-18.5
-61.27		5965	-15.4	-3.6	-9.3	1.5	-20.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-72.78	Cent	76.1	221.3	-49.8	236.7	60.7
-62.16	5966	35.0	124.1	-65.2	158.5	0.5
-79.61	5930	108.6	362.5	-48.2	371.4	99.7
-75.93	5929	226.7	290.8	-17.1	295.1	222.4
-79.25	5965	-65.8	107.7	-34.2	114.2	-72.3

NODE	Vxx	Vyy

Cent	-0.1	0.1
5966	-0.0	-0.0
5930	-0.0	0.2
5929	-0.3	0.2
5965	-0.3	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-14.62	cedime~1	Cent	12.0	-43.3	-15.5	16.0	-47.3
-10.57		5966	16.5	-63.4	-15.5	19.4	-66.3
-18.97		5930	16.5	-23.1	-15.5	21.9	-28.4
-22.70		5929	7.4	-23.1	-15.5	13.8	-29.6
-11.80		5965	7.4	-63.4	-15.5	10.6	-66.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-7.68	Cent	-12951.9	-73676.7	-8339.2	-11827.5	-74801.1
-7.57	5966	-13258.3	-71506.7	-7876.5	-12212.0	-72553.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.93	5930	-16834.2	-88130.0	-6190.4	-16300.6	-88663.5
-7.94	5929	-12664.3	-74620.0	-8808.1	-11436.4	-75847.8
-11.11	5965	-9050.8	-60450.3	-10494.2	-6990.7	-62510.3

NODE	Vxx	Vyy
Cent	0.5	-27.5
5966	0.3	-24.6
5930	0.3	-30.5
5929	0.8	-30.5
5965	0.8	-24.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
34.41	perm	Cent	474.1	249.5	289.8	672.6	51.0
39.15		5966	491.9	371.9	289.8	727.8	136.0
28.91		5930	491.9	127.2	289.8	651.9	-32.9
30.20		5929	456.3	127.2	289.8	625.0	-41.5
40.86		5965	456.3	371.9	289.8	707.0	121.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-27.07	Cent	-5365.7	-7742.9	-1644.9	-4524.9	-8583.6
-18.19	5966	-3629.1	-6774.4	-1158.9	-3248.2	-7155.2
-16.41	5930	-7328.9	-12569.4	-1689.4	-6831.6	-13066.8
-50.07	5929	-8561.8	-7717.8	-2361.7	-5740.7	-10538.9
-30.88	5965	-1942.9	-3909.9	-1831.2	-847.9	-5005.0

NODE	Vxx	Vyy
Cent	4.3	-9.2
5966	2.6	-6.1
5930	2.6	-12.3
5929	6.0	-12.3
5965	6.0	-6.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
34.76	INV TO~1 Max	Cent	1291.3	709.8	762.3	1808.3	180.8
39.51		5966	1344.7	1032.3	762.3	1956.7	403.7
29.61		5930	1344.7	419.8	762.3	1761.3	-13.3
31.00		5929	1237.9	419.8	762.3	1688.6	-38.2
41.30		5965	1237.9	1032.3	762.3	1900.1	362.7

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29.95	Min	Cent	462.5	164.2	267.6	628.6	10.0
33.87		5966	476.6	274.0	267.6	672.8	94.4
24.81		5930	476.6	37.9	267.6	616.9	-85.8
26.05		5929	447.1	37.9	267.6	585.3	-92.9
35.69		5965	447.1	274.0	267.6	646.6	81.8

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

37.54	Max	Cent	9034.5	-996.9	18818.0	23493.8	-15456.2
29.74		5966	13292.3	-2732.0	13594.7	21060.2	-10499.9
32.31		5930	10088.5	-9143.2	20268.1	22906.1	-21960.8
37.45		5929	34337.9	21907.1	23050.6	51996.4	4248.7
31.45		5965	41417.4	25784.3	15273.5	50758.3	16443.3
-13.87	Min	Cent	-46687.7	-217436.4	-44888.1	-35606.2	-228517.8
-10.67		5966	-46286.3	-251233.5	-40027.7	-38746.0	-258773.8
-10.47		5930	-59173.9	-273839.5	-41071.6	-51584.1	-281429.3
-19.77		5929	-60562.9	-183820.7	-50892.1	-42266.1	-202117.6
-19.09		5965	-41360.2	-167899.7	-49758.1	-24138.2	-185121.7

		NODE	Vxx	Vyy
Max	Cent	52.7	-5.6	
	5966	37.2	0.2	
	5930	37.2	-8.3	
	5929	68.4	-8.3	
	5965	68.4	0.2	
Min	Cent	-39.9	-235.8	
	5966	-29.9	-230.0	
	5930	-29.9	-251.7	
	5929	-50.2	-251.7	
	5965	-50.2	-230.0	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
31.19	INV TO~2	Max	Cent	2293.3	895.7	1335.4	3101.7	180.8
35.37			5966	2378.8	1445.5	1335.4	3326.7	497.6
26.36			5930	2378.8	419.8	1335.4	3040.6	-13.3
27.56			5929	2207.9	419.8	1335.4	2904.8	-38.2
37.03			5965	2207.9	1445.5	1335.4	3215.4	438.0
29.95		Min	Cent	462.5	164.2	267.6	628.6	10.0
33.87			5966	476.6	274.0	267.6	672.8	94.4
			5930	476.6	37.9	267.6	616.9	-315.9

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24.81							
	5929	447.1	37.9	267.6	585.3	-351.0	
26.05							
	5965	447.1	274.0	267.6	646.6	81.8	
35.69							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	9034.5	-996.9	18818.0	23493.8	-15456.2
37.54							
		5966	13292.3	-2732.0	13594.7	21060.2	-10499.9
29.74							
		5930	10088.5	-9143.2	20268.1	22906.1	-21960.8
32.31							
		5929	34337.9	21907.1	23050.6	51996.4	4248.7
37.45							
		5965	41417.4	25784.3	15273.5	50758.3	16443.3
31.45							
	Min	Cent	-46687.7	-217436.4	-44888.1	-35606.2	-228517.8
-13.87							
		5966	-46286.3	-251233.5	-40027.7	-38746.0	-258773.8
-10.67							
		5930	-59173.9	-273839.5	-41071.6	-51584.1	-281429.3
-10.47							
		5929	-60562.9	-183820.7	-50892.1	-42266.1	-202117.6
-19.77							
		5965	-41360.2	-167899.7	-49758.1	-24138.2	-185121.7
-19.09							

		NODE	Vxx	Vyy
	Max	Cent	52.7	-5.6
		5966	37.2	0.2
		5930	37.2	-8.3
		5929	68.4	-8.3
		5965	68.4	0.2
	Min	Cent	-39.9	-235.8
		5966	-29.9	-230.0
		5930	-29.9	-251.7
		5929	-50.2	-251.7
		5965	-50.2	-230.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
4678	1	17	c mob-a	Max	Cent	908.8	153.0	8.5	908.9	152.9
	0.64				3464	943.3	71.9	8.5	943.3	71.9
	0.56				3433	943.3	240.0	8.5	943.4	239.9
	0.69				3432	874.7	240.0	8.5	874.8	239.9
	0.77				3463	874.7	71.9	8.5	874.8	71.9
	0.61			Min	Cent	-24.2	-10.9	-553.6	536.1	-571.2
-45.34					3464	-34.8	-37.1	-553.6	517.7	-589.6
-44.94					3433	-34.8	-5.9	-553.6	533.4	-574.2
-45.75					3432	-13.9	-5.9	-553.6	543.7	-563.6
-45.21					3463	-13.9	-37.1	-553.6	528.2	-579.3
-44.40										

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.93	Max	Cent	3528.2	2136.5	18558.3	21403.7	-15739.1
44.88		3464	4667.3	4554.9	13389.6	18000.8	-8778.6
41.51		3433	9190.5	5717.4	14192.9	21752.6	-6844.8
29.10		3432	33804.6	6183.8	22268.6	46197.5	-6209.2
27.70		3463	34640.6	6394.2	20467.4	45384.7	-4349.9
-23.35	Min	Cent	-20404.1	-54851.0	-18276.7	-12514.1	-62741.0
-13.35		3464	-43953.0	-104329.2	-15187.8	-40347.8	-107934.4
-8.97		3433	-18333.9	-99203.5	-13097.1	-16265.7	-101271.7
-48.43		3432	-25070.6	-20326.3	-19699.7	-2856.4	-42540.4
-51.46		3463	-32617.3	-22069.1	-22979.5	-3766.3	-50920.2

		NODE	Vxx	Vyy
Max	Cent		30.7	3.9
	3464		21.3	6.3
	3433		21.3	2.9
	3432		43.6	2.9
	3463		43.6	6.3
Min	Cent		-48.9	-112.4
	3464		-51.0	-116.6
	3433		-51.0	-115.3
	3432		-49.8	-115.3
	3463		-49.8	-116.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.84	c mob-b	Max	Cent	883.0	157.6	10.6	883.2	157.5
0.72			3464	918.9	80.7	10.6	919.0	80.6
0.90			3433	918.9	241.5	10.6	919.0	241.3
1.00			3432	847.6	241.5	10.6	847.8	241.3
0.79			3463	847.6	80.7	10.6	847.8	80.6
-45.40		Min	Cent	-25.7	-10.7	-539.0	520.8	-557.2
-45.14			3464	-38.2	-32.9	-539.0	503.4	-574.5
-45.85			3433	-38.2	-6.2	-539.0	517.0	-561.4
-45.22			3432	-14.4	-6.2	-539.0	528.6	-549.3
-44.51			3463	-14.4	-32.9	-539.0	515.3	-562.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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45.99	Max	Cent	1162.3	2548.7	20053.2	21920.7	-18209.6
44.39		3464	6122.7	5373.8	17483.6	23235.8	-11739.4
42.31		3433	8945.6	6031.6	15464.0	23021.1	-8043.9
36.79		3432	18200.4	3038.6	25718.9	37432.4	-16193.4
36.48		3463	17953.8	1742.8	26437.4	37500.3	-17803.7
-17.22	Min	Cent	-25097.3	-92286.3	-23042.1	-17954.5	-99429.1
-14.30		3464	-57062.6	-130984.6	-20153.7	-51925.1	-136122.1
-10.89		3433	-26928.2	-126605.7	-19920.4	-23094.6	-130439.3
-29.82		3432	-29580.0	-64000.9	-29374.0	-12745.8	-80835.0
-32.24		3463	-31738.1	-61139.1	-30782.6	-12326.0	-80551.2

	NODE	Vxx	Vyy
Max	Cent	25.0	4.4
	3464	26.0	7.8
	3433	26.0	3.0
	3432	26.6	3.0
	3463	26.6	7.8
Min	Cent	-48.0	-83.9
	3464	-63.0	-88.9
	3433	-63.0	-84.5
	3432	-34.8	-84.5
	3463	-34.8	-88.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-27.78	pp	Cent	2571.3	395.5	-1587.0	3407.5	-440.7
-25.66		3464	2653.0	112.2	-1587.0	3415.5	-650.3
-29.06		3433	2653.0	678.8	-1587.0	3534.9	-203.0
-30.15		3432	2489.6	678.8	-1587.0	3411.3	-242.9
-26.58		3463	2489.6	112.2	-1587.0	3283.7	-681.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.43	Cent	-37052.4	-21209.4	1560.7	-21057.1	-37204.6
-87.84	3464	-93195.0	-47291.2	-1737.8	-47225.5	-93260.7
-6.50	3433	18959.3	-7820.1	-3093.1	19311.9	-8172.7
87.33	3432	-24737.8	-8427.7	763.5	-8392.0	-24773.5
85.69	3463	-49235.9	-21298.7	2118.8	-21138.9	-49395.7

	NODE	Vxx	Vyy
	Cent	-64.9	-17.6
	3464	-107.3	-23.9

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3433 -107.3 -11.3
 3432 -22.6 -11.3
 3463 -22.6 -23.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
62.42	vento -y	Cent	-19.6	3.8	16.8	12.6	-28.3
64.02		3464	-16.4	9.9	16.8	18.1	-24.6
56.43		3433	-16.4	-2.2	16.8	8.9	-27.6
60.68		3432	-22.7	-2.2	16.8	7.2	-32.2
67.07		3463	-22.7	9.9	16.8	17.0	-29.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
55.79	Cent	85.5	336.0	316.8	551.4	-129.9
32.94	3464	1207.8	849.3	400.6	1467.4	589.7
69.21	3433	-1096.7	-97.9	443.1	70.3	-1264.9
50.09	3432	63.3	184.1	336.7	465.8	-218.4
56.15	3463	167.4	408.7	294.2	606.0	-29.9

NODE	Vxx	Vyy
Cent	1.1	0.1
3464	2.2	0.3
3433	2.2	-0.1
3432	0.1	-0.1
3463	0.1	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
16.53	cedime~1	Cent	23.4	-31.7	17.9	28.7	-37.0
13.98		3464	39.3	-28.2	17.9	43.8	-32.7
12.86		3433	39.3	-35.1	17.9	43.4	-39.2
20.04		3432	7.5	-35.1	17.9	14.0	-41.6
22.55		3463	7.5	-28.2	17.9	15.0	-35.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
7.46	Cent	-16497.8	-84865.4	9111.1	-15304.4	-86058.7
3.46	3464	-19250.4	-104929.3	5199.5	-18936.0	-105243.6
6.77	3433	-21385.9	-83152.4	7434.8	-20503.5	-84034.7

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12.40		3432	-10926.1	-67884.5	13157.6	-8033.5	-70777.0
8.78		3463	-14428.7	-83495.4	10922.3	-12742.6	-85181.5

NODE	Vxx	Vyy
Cent	3.1	-23.4
3464	6.7	-28.5
3433	6.7	-18.3
3432	-0.4	-18.3
3463	-0.4	-28.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-29.02	perm	Cent	707.8	140.3	-454.7	960.0	-111.9
-26.86		3464	729.0	61.5	-454.7	959.2	-168.8
-30.36		3433	729.0	219.1	-454.7	995.3	-47.2
-31.39		3432	686.7	219.1	-454.7	964.2	-58.3
-27.74		3463	686.7	61.5	-454.7	925.9	-177.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
18.25	Cent	-12237.2	-16467.3	1565.2	-11721.1	-16983.5
34.85	3464	-27933.6	-28136.7	274.3	-27742.6	-28327.7
-0.62	3433	2461.3	-13797.2	-177.2	2463.3	-13799.1
37.39	3432	-8272.7	-9215.2	1731.7	-6949.3	-10538.6
48.16	3463	-15203.9	-14720.3	2183.2	-12765.6	-17158.6

NODE	Vxx	Vyy
Cent	-17.2	-12.2
3464	-28.3	-15.1
3433	-28.3	-9.4
3432	-6.0	-9.4
3463	-6.0	-15.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.65	INV TO~1 Max	Cent	1958.2	353.1	-422.4	2060.8	238.8
-11.99		3464	2041.7	170.5	-422.4	2131.4	70.1
-14.44		3433	2041.7	545.1	-422.4	2150.5	422.4
-16.83		3432	1875.0	545.1	-422.4	2000.7	411.9
-13.71		3463	1875.0	170.5	-422.4	1975.0	63.0
-37.86	Min	Cent	673.2	93.9	-1202.1	1617.2	-833.5

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-36.39		3464	677.4	-16.9	-1202.1	1589.6	-903.0
-38.56		3433	677.4	175.6	-1202.1	1660.9	-780.5
-39.05		3432	667.2	175.6	-1202.1	1635.4	-785.0
-36.86		3463	667.2	-16.9	-1202.1	1562.6	-906.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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42.23	Max	Cent	-7474.2	-13026.6	37748.0	18520.8	-39021.6
44.27		3464	-19668.0	-20882.1	29076.7	3609.9	-44159.9
31.82		3433	14868.4	-5654.5	28134.1	27710.2	-18496.3
31.16		3432	37363.5	-867.1	49609.7	59408.3	-22911.9
31.79		3463	31560.9	-6088.2	48795.9	55030.2	-29557.5
-7.02	Min	Cent	-62616.4	-225919.2	-29541.7	-60099.2	-228436.4
-6.59		3464	-124218.5	-309895.1	-26933.1	-121708.5	-312405.1
-5.23		3433	-55277.7	-267867.3	-27069.6	-53479.4	-269665.6
-12.69		3432	-59131.8	-163500.9	-37923.3	-53553.3	-169079.3
-13.99		3463	-73666.0	-180753.5	-39373.3	-66576.5	-187843.0

		NODE	Vxx	Vyy
Max	Cent	3464	27.5	-6.3
		3464	13.5	-4.6
		3433	13.5	-5.3
		3432	52.9	-5.3
		3463	52.9	-4.6
Min	Cent	3464	-83.1	-187.3
		3464	-113.4	-201.0
		3433	-113.4	-183.3
		3432	-73.7	-183.3
		3463	-73.7	-201.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-27.78	INV TO~2	Max	Cent	3471.2	534.0	-422.4	4600.1	238.8
-25.66			3464	3581.6	170.5	-422.4	4610.9	70.1
-29.06			3433	3581.6	916.4	-422.4	4772.1	422.4
-30.15			3432	3360.9	916.4	-422.4	4605.3	411.9
-26.58			3463	3360.9	170.5	-422.4	4433.0	63.0
-37.86		Min	Cent	673.2	93.9	-2142.5	1617.2	-833.5
-36.39			3464	677.4	-16.9	-2142.5	1589.6	-903.0
-38.56			3433	677.4	175.6	-2142.5	1660.9	-780.5
			3432	667.2	175.6	-2142.5	1635.4	-785.0

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-39.05
-36.86

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent		-7474.2	-13026.6	37748.0	18520.8	-39021.6
42.23		3464	-19668.0	-20882.1	29076.7	3609.9	-44159.9
44.27		3433	25595.1	-5654.5	28134.1	27710.2	-11033.1
31.82		3432	37363.5	-867.1	49609.7	59408.3	-22911.9
31.16		3463	31560.9	-6088.2	48795.9	55030.2	-29557.5
31.79	Min	Cent	-62616.4	-225919.2	-29541.7	-60099.2	-228436.4
-7.02		3464	-125813.2	-309895.1	-26933.1	-121708.5	-312405.1
-6.59		3433	-55277.7	-267867.3	-27069.6	-53479.4	-269665.6
-5.23		3432	-59131.8	-163500.9	-37923.3	-53553.3	-169079.3
-12.69		3463	-73666.0	-180753.5	-39373.3	-66576.5	-187843.0
-13.99							

		NODE	Vxx	Vyy
Max	Cent		27.5	-6.3
		3464	13.5	-4.6
		3433	13.5	-5.3
		3432	52.9	-5.3
		3463	52.9	-4.6
Min	Cent		-87.6	-187.3
		3464	-144.8	-201.0
		3433	-144.8	-183.3
		3432	-73.7	-183.3
		3463	-73.7	-201.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
4679	1	17	c mob-a	Max	Cent	1266.3	27.3	8.0	1266.4	27.3	
0.37						3495	1383.2	14.3	8.0	1383.3	14.2
0.33						3464	1383.2	129.5	8.0	1383.3	129.5
0.36						3463	1150.1	129.5	8.0	1150.2	129.5
0.45						3494	1150.1	14.3	8.0	1150.2	14.2
0.40				Min	Cent	-12.3	-92.2	-432.4	382.0	-486.5	
-42.36						3495	-17.4	-231.8	-432.4	320.9	-570.1
-38.04						3464	-17.4	-15.0	-432.4	416.2	-448.6
-45.08						3463	-10.0	-15.0	-432.4	419.9	-444.9
-44.83						3494	-10.0	-231.8	-432.4	325.5	-567.3
-37.81											

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Max	Cent	2058.6	3154.7	21626.9	24240.5	-19027.2
45.73		3495	7446.4	5226.8	14870.6	21248.5	-8575.3
42.87		3464	8438.3	6517.2	17505.8	25009.9	-10054.4
43.43		3463	33323.0	6107.8	25440.9	48566.8	-9136.0
30.93		3494	33327.7	7459.7	22153.9	46046.8	-5259.4
29.86	Min	Cent	-36999.4	-58446.8	-18766.8	-26108.6	-69337.7
-30.13		3495	-76929.4	-117179.8	-16958.5	-70737.0	-123372.1
-20.06		3464	-23819.3	-100454.1	-12690.4	-21772.5	-102500.9
-9.16		3463	-41979.6	-23153.0	-19726.1	-10709.2	-54423.3
-57.76		3494	-42967.5	-20114.1	-24505.5	-4502.2	-58579.5
-57.50							

	NODE	Vxx	Vyy
Max	Cent	32.2	6.5
	3495	25.0	7.7
	3464	25.0	6.3
	3463	46.6	6.3
	3494	46.6	7.7
Min	Cent	-62.4	-119.3
	3495	-83.8	-131.2
	3464	-83.8	-116.6
	3463	-48.0	-116.6
	3494	-48.0	-131.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.47	c mob-b	Max	Cent	1227.8	34.4	9.8	1227.9	34.3
0.42			3495	1342.1	16.1	9.8	1342.2	16.0
0.46			3464	1342.1	134.3	9.8	1342.2	134.2
0.57			3463	1114.3	134.3	9.8	1114.4	134.2
0.51			3494	1114.3	16.1	9.8	1114.4	16.0
-42.60		Min	Cent	-13.0	-83.7	-421.3	374.5	-471.2
-38.40			3495	-18.0	-215.5	-421.3	316.0	-549.5
-45.10			3464	-18.0	-15.0	-421.3	404.8	-437.8
-44.85			3463	-10.7	-15.0	-421.3	408.5	-434.2
-38.17			3494	-10.7	-215.5	-421.3	320.5	-546.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
46.64	Max	Cent	726.6	3477.5	24057.8	26199.1	-21995.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.03		3495	10544.7	6162.4	21084.9	29552.0	-12844.9
42.59		3464	10842.9	7627.0	19102.0	28404.5	-9934.7
38.38		3463	15733.5	1778.4	29647.2	39213.2	-21701.2
37.83		3494	17283.1	2752.4	28435.5	39366.8	-19331.3
-19.85	Min	Cent	-40670.8	-96284.6	-23092.1	-32332.5	-104622.8
-17.93		3495	-90315.2	-148406.8	-20988.3	-83525.7	-155196.3
-11.94		3464	-34352.8	-126358.8	-20365.9	-30046.3	-130665.3
-34.88		3463	-42125.5	-63261.8	-28653.5	-22153.3	-83233.9
-38.78		3494	-44767.3	-58009.6	-30010.3	-20656.5	-82120.5

	NODE	Vxx	Vyy
Max	Cent	28.4	7.5
	3495	37.6	8.8
	3464	37.6	7.8
	3463	28.0	7.8
	3494	28.0	8.8
Min	Cent	-62.8	-96.5
	3495	-101.4	-111.4
	3464	-101.4	-88.9
	3463	-30.2	-88.9
	3494	-30.2	-111.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.65	pp	Cent	3594.7	-130.7	-1223.9	3960.8	-496.8
-14.28		3495	3917.4	-578.2	-1223.9	4228.9	-889.8
-17.10		3464	3917.4	316.9	-1223.9	4294.0	-59.7
-19.82		3463	3272.0	316.9	-1223.9	3713.1	-124.2
-16.22		3494	3272.0	-578.2	-1223.9	3628.1	-934.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.38	Cent	-91883.2	-42257.8	7695.8	-41091.8	-93049.2
-89.58	3495	-192038.2	-92423.3	-733.0	-92417.9	-192043.6
13.75	3464	-10852.1	-30822.6	5197.9	-9580.2	-32094.5
82.24	3463	-84060.3	-28263.6	7748.7	-27207.5	-85116.4
88.35	3494	-80582.0	-17521.8	1817.8	-17469.4	-80634.4

	NODE	Vxx	Vyy
	Cent	-93.1	-48.5
	3495	-187.6	-73.1
	3464	-187.6	-23.9
	3463	1.5	-23.9

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3494 1.5 -73.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
77.66	vento -y	Cent	-30.9	15.4	10.6	17.7	-33.3
79.16		3495	-30.4	23.2	10.6	25.2	-32.4
75.37		3464	-30.4	7.6	10.6	10.4	-33.2
75.72		3463	-31.5	7.6	10.6	10.3	-34.2
79.36		3494	-31.5	23.2	10.6	25.2	-33.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.72	Cent	624.7	716.9	193.0	869.2	472.4
22.73	3495	1984.9	1446.3	273.6	2099.5	1331.7
76.22	3464	-697.9	468.1	304.2	542.7	-772.5
36.44	3463	651.7	505.5	237.2	826.8	330.4
37.40	3494	560.2	447.8	206.6	718.1	289.8

NODE	Vxx	Vyy
Cent	1.3	0.7
3495	2.8	1.0
3464	2.8	0.3
3463	-0.1	0.3
3494	-0.1	1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.53	cedime~1	Cent	32.5	-20.9	7.2	33.4	-21.9
6.20		3495	49.9	-15.4	7.2	50.7	-16.2
5.33		3464	49.9	-26.4	7.2	50.6	-27.1
9.55		3463	15.0	-26.4	7.2	16.3	-27.6
12.62		3494	15.0	-15.4	7.2	16.7	-17.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.44	Cent	-19978.7	-100212.9	6269.8	-19491.7	-100699.9
2.57	3495	-20892.8	-120707.5	4497.6	-20690.6	-120909.7
3.26	3464	-24627.2	-106004.6	4656.8	-24361.6	-106270.2
6.72	3463	-14591.3	-83527.9	8235.6	-13621.1	-84498.1

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6.43 3494 -19803.6 -90611.6 8076.5 -18894.1 -91521.1

NODE	Vxx	Vyy
Cent	1.6	-35.0
3495	7.4	-41.5
3464	7.4	-28.5
3463	-4.2	-28.5
3494	-4.2	-41.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-17.63	perm	Cent	984.3	-6.6	-350.3	1095.6	-117.9
-15.17		3495	1067.2	-130.0	-350.3	1162.2	-224.9
-18.20		3464	1067.2	116.8	-350.3	1182.4	1.6
-20.88		3463	901.5	116.8	-350.3	1035.1	-16.8
-17.09		3494	901.5	-130.0	-350.3	1009.2	-237.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
55.17	Cent	-27408.9	-24844.5	3457.9	-22438.8	-29814.7
84.34	3495	-53871.1	-43414.7	1046.0	-43311.1	-53974.7
7.14	3464	-6665.3	-23883.0	2191.1	-6390.8	-24157.5
68.58	3463	-24541.7	-16587.9	3688.5	-15140.7	-25988.9
75.35	3494	-24557.7	-15492.4	2543.4	-14827.6	-25222.5

NODE	Vxx	Vyy
Cent	-24.2	-22.9
3495	-48.1	-30.7
3464	-48.1	-15.1
3463	-0.3	-15.1
3494	-0.3	-30.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-6.85	INV TO~1	Max	Cent	2726.3	39.8	-329.9	2766.0	-2.3
-5.99			3495	2984.5	-108.3	-329.9	3019.1	-145.1
-6.83			3464	2984.5	298.1	-329.9	3024.0	255.7
-8.36			3463	2469.1	298.1	-329.9	2517.6	246.6
-7.14			3494	2469.1	-108.3	-329.9	2510.5	-151.9
-29.78		Min	Cent	966.8	-152.0	-934.0	1501.2	-667.4
-25.75			3495	1042.9	-458.3	-934.0	1493.5	-893.4

PROJECT TITLE :

	Company		Client	
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-31.57		3464	1042.9	70.1	-934.0	1616.8	-477.4
-32.91		3463	887.1	70.1	-934.0	1502.0	-529.9
-27.28		3494	887.1	-458.3	-934.0	1368.7	-927.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.78	Max	Cent	-24629.8	-20149.9	42205.7	13615.8	-58395.5
47.20		3495	-39635.8	-35095.4	34008.2	-7767.8	-66963.4
34.46		3464	7972.6	-13586.6	32635.6	27176.6	-32790.5
35.89		3463	20444.3	-8342.3	51947.8	52071.9	-39969.9
36.24		3494	20434.8	-5421.9	49007.9	50431.0	-35418.1
-7.84	Min	Cent	-102293.2	-255041.5	-27716.5	-99339.1	-257995.6
-7.60		3495	-196689.5	-364471.3	-27288.2	-193648.8	-367511.9
-5.25		3464	-77668.7	-300472.0	-25302.9	-75771.7	-302369.0
-15.44		3463	-96002.4	-185519.2	-34993.7	-88613.8	-192907.8
-18.45		3494	-104797.2	-184417.0	-37970.5	-94822.8	-194391.4

		NODE	Vxx	Vyy
Max	Cent		20.8	-12.7
	3495		10.1	-18.8
	3464		10.1	-4.6
	3463		62.6	-4.6
	3494		62.6	-18.8
Min	Cent		-109.0	-218.9
	3495		-185.0	-249.4
	3464		-185.0	-201.0
	3463		-69.3	-201.0
	3494		-69.3	-249.4

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-16.65	INV TO~2	Max	Cent	4852.8	39.8	-329.9	5347.1	-2.3
-14.28			3495	5288.4	-108.3	-329.9	5709.1	-145.1
-17.10			3464	5288.4	427.8	-329.9	5796.9	255.7
-19.82			3463	4417.2	427.8	-329.9	5012.6	246.6
-16.22			3494	4417.2	-108.3	-329.9	4898.0	-151.9
-29.78		Min	Cent	966.8	-176.4	-1652.2	1501.2	-670.6
-25.75			3495	1042.9	-780.6	-1652.2	1493.5	-1201.2
-31.57			3464	1042.9	70.1	-1652.2	1616.8	-477.4
-32.91			3463	887.1	70.1	-1652.2	1502.0	-529.9
			3494	887.1	-780.6	-1652.2	1368.7	-1261.3

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-27.28

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	-24629.8	-20149.9	42205.7	13615.8	-58395.5
46.78		3495	-39635.8	-35095.4	34008.2	-7767.8	-66963.4
47.20		3464	7972.6	-13586.6	32635.6	27176.6	-32790.5
34.46		3463	20444.3	-8342.3	51947.8	52071.9	-39969.9
35.89		3494	20434.8	-5421.9	49007.9	50431.0	-35418.1
36.24	Min	Cent	-124042.3	-255041.5	-27716.5	-99339.1	-257995.6
-7.84		3495	-259251.5	-364471.3	-27288.2	-193648.8	-367511.9
-7.60		3464	-77668.7	-300472.0	-25302.9	-75771.7	-302369.0
-5.25		3463	-113481.5	-185519.2	-34993.7	-88613.8	-192907.8
-15.44		3494	-108785.8	-184417.0	-37970.5	-94822.8	-194391.4
-18.45							

	NODE	Vxx	Vyy
Max	Cent	20.8	-12.7
	3495	10.1	-18.8
	3464	10.1	-4.6
	3463	62.6	-4.6
	3494	62.6	-18.8
Min	Cent	-125.7	-218.9
	3495	-253.3	-249.4
	3464	-253.3	-201.0
	3463	-69.3	-201.0
	3494	-69.3	-249.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4716	1	17	c mob-a	Max	Cent	3.1	20.8	83.0	95.4	-71.6
48.04					4641	3.0	24.9	83.0	97.7	-69.8
48.75					4611	3.0	25.5	83.0	98.0	-69.6
48.85					4610	3.1	25.5	83.0	98.1	-69.5
48.83					4640	3.1	24.9	83.0	97.8	-69.7
48.73				Min	Cent	-1241.2	-33.7	-71.5	-29.4	-1245.4
-86.62					4641	-1269.3	-33.4	-71.5	-29.2	-1273.4
-86.70					4611	-1269.3	-35.6	-71.5	-31.5	-1273.4
-86.69					4610	-1220.5	-35.6	-71.5	-31.3	-1224.8
-86.56					4640	-1220.5	-33.4	-71.5	-29.1	-1224.7
-86.56										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Max	Cent	32512.8	59997.0	40117.9	88661.1	3848.7
54.45		4641	41318.1	68400.4	33625.7	91109.1	18609.4
55.97		4611	40513.2	66956.5	34967.2	91118.3	16351.5
55.36		4610	60839.1	54855.7	53601.3	111532.2	4162.6
43.40		4640	60490.4	56496.7	50316.4	108849.5	8137.6
43.86	Min	Cent	-16265.5	-199893.1	-43588.1	-6444.2	-209714.4
-12.70		4641	-43640.6	-267694.4	-38060.3	-37351.8	-273983.3
-9.38		4611	-41309.5	-271228.6	-34821.6	-36151.4	-276386.7
-8.43		4610	-23392.5	-144578.4	-52604.3	-3743.8	-164227.0
-20.48		4640	-24529.7	-141842.0	-58471.4	-364.0	-166007.7
-22.45							

	NODE	Vxx	Vyy
Max	Cent	42.7	18.3
	4641	51.6	18.9
	4611	51.6	18.7
	4610	49.7	18.7
	4640	49.7	18.9
Min	Cent	-45.3	-170.1
	4641	-53.4	-168.7
	4611	-53.4	-173.3
	4610	-51.0	-173.3
	4640	-51.0	-168.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	2.2	22.0	81.2	93.9	-69.7
48.46			4641	2.2	26.3	81.2	96.3	-67.9
49.22			4611	2.2	26.7	81.2	96.5	-67.7
49.29			4610	2.3	26.7	81.2	96.6	-67.6
49.27			4640	2.3	26.3	81.2	96.4	-67.8
49.19		Min	Cent	-1224.2	-36.5	-70.4	-32.4	-1228.4
-86.62			4641	-1250.4	-37.0	-70.4	-32.9	-1254.4
-86.69			4611	-1250.4	-38.6	-70.4	-34.5	-1254.4
-86.69			4610	-1209.0	-38.6	-70.4	-34.4	-1213.2
-86.57			4640	-1209.0	-37.0	-70.4	-32.8	-1213.2
-86.57								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	28436.3	59111.8	36984.7	83813.0	3735.1
56.26		4641	42103.4	68947.6	32219.4	90428.8	20622.2
56.31							

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55.26		4611	43491.1	67541.7	32122.0	89815.5	21217.3
47.01		4610	45784.6	52598.4	48439.7	97750.9	632.1
47.66		4640	45526.4	54130.6	46149.6	96178.2	3478.8
-10.90	Min	Cent	-18104.5	-212362.3	-38867.1	-10616.6	-219850.2
-9.13		4641	-47082.0	-261740.0	-35429.3	-41385.6	-267436.4
-8.28		4611	-44286.8	-264994.8	-32812.1	-39512.0	-269769.6
-16.57		4610	-19579.7	-165806.4	-47745.1	-5370.9	-180015.2
-18.56		4640	-21163.9	-162953.8	-53646.5	-3154.1	-180963.5

	NODE	Vxx	Vyy
Max	Cent	38.6	18.8
	4641	50.7	19.7
	4611	50.7	19.4
	4610	35.6	19.4
	4640	35.6	19.7
Min	Cent	-41.0	-124.5
	4641	-51.7	-124.8
	4611	-51.7	-125.7
	4610	-37.3	-125.7
	4640	-37.3	-124.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.39	pp	Cent	-2689.6	-33.8	28.4	-33.5	-2689.9
89.38		4641	-2663.2	-32.7	28.4	-32.4	-2663.5
89.38		4611	-2663.2	-34.9	28.4	-34.6	-2663.5
89.39		4610	-2716.0	-34.9	28.4	-34.6	-2716.3
89.39		4640	-2716.0	-32.7	28.4	-32.4	-2716.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-44.05	Cent	50381.8	50235.3	-2204.4	52514.2	48102.9
-60.95	4641	48890.2	51313.5	-1946.2	52394.4	47809.3
-27.24	4611	51899.7	49080.5	-1975.5	52916.9	48063.3
-38.29	4610	50196.5	48933.2	-2649.0	52288.1	46841.6
-50.79	4640	50540.7	51613.9	-2619.7	53751.4	48403.2

	NODE	Vxx	Vyy
	Cent	-1.5	-0.1
	4641	-2.9	0.0
	4611	-2.9	-0.3
	4610	-0.2	-0.3
	4640	-0.2	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.12	vento -y	Cent	30.1	-0.6	-1.1	30.1	-0.6
-2.58		4641	24.7	-0.5	-1.1	24.7	-0.6
-2.57		4611	24.7	-0.6	-1.1	24.7	-0.6
-1.81		4610	35.5	-0.6	-1.1	35.5	-0.6
-1.81		4640	35.5	-0.5	-1.1	35.5	-0.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.71		Cent	309.4	1952.0	-36.9	1952.8	308.5
-88.72		4641	297.5	2135.0	-41.0	2135.9	296.6
-88.93		4611	382.5	2132.7	-32.8	2133.3	381.8
-88.54		4610	278.6	1760.2	-37.7	1761.2	277.7
-88.25		4640	278.9	1779.9	-45.8	1781.3	277.5
		NODE	Vxx	Vyy			
		Cent	-0.0	0.5			
		4641	-0.1	0.5			
		4611	-0.1	0.5			
		4610	-0.0	0.5			
		4640	-0.0	0.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.58	cedime~1	Cent	97.5	6.9	-0.9	97.5	6.9
-0.65		4641	87.3	6.8	-0.9	87.3	6.8
-0.65		4611	87.3	7.0	-0.9	87.3	7.0
-0.52		4610	107.7	7.0	-0.9	107.7	7.0
-0.52		4640	107.7	6.8	-0.9	107.7	6.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
0.41		Cent	-838.1	-7333.7	46.5	-837.8	-7334.1
0.79		4641	-869.8	-7846.6	95.8	-868.4	-7847.9
0.39		4611	-994.1	-8094.2	48.8	-993.8	-8094.5
0.04		4610	-750.5	-6767.5	4.2	-750.5	-6767.5
0.50		4640	-738.1	-6626.7	51.2	-737.6	-6627.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	0.0	-1.7
4641	0.1	-1.7
4611	0.1	-1.8
4610	-0.0	-1.8
4640	-0.0	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.38	perm	Cent	-821.9	-11.1	8.7	-11.0	-822.0
89.38		4641	-811.6	-10.6	8.7	-10.5	-811.7
89.38		4611	-811.6	-11.6	8.7	-11.5	-811.7
89.39		4610	-832.2	-11.6	8.7	-11.5	-832.3
89.39		4640	-832.2	-10.6	8.7	-10.5	-832.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-1.20	Cent	8176.0	-16130.3	-508.3	8186.7	-16141.0
-0.91	4641	6982.8	-20567.7	-440.1	6989.9	-20574.7
-0.91	4611	7496.2	-21155.2	-453.8	7503.4	-21162.4
-1.70	4610	9010.3	-11731.4	-616.2	9028.6	-11749.7
-1.70	4640	9214.8	-11067.1	-602.6	9232.7	-11084.9

NODE	Vxx	Vyy
Cent	-0.2	-12.6
4641	-0.5	-12.6
4611	-0.5	-12.7
4610	0.1	-12.7
4640	0.1	-12.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
81.08	INV TO~1 Max	Cent	-720.3	25.4	120.8	44.2	-739.1
81.15		4641	-720.3	31.6	120.8	50.2	-738.9
81.15		4611	-720.3	31.4	120.8	50.1	-738.9
81.15		4610	-720.2	31.4	120.8	50.1	-738.9
81.15		4640	-720.2	31.6	120.8	50.2	-738.9
-87.94	Min	Cent	-2497.5	-60.5	-88.7	-57.3	-2500.7
-87.96		4641	-2525.1	-60.6	-88.7	-57.5	-2528.2
-87.96		4611	-2525.1	-63.7	-88.7	-60.6	-2528.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.92		4610	-2479.8	-63.7	-88.7	-60.5	-2483.0
-87.92		4640	-2479.8	-60.6	-88.7	-57.4	-2483.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	52068.4	64865.6	53697.3	4436.0
48.40			4641	63822.4	72511.6	45050.4	23003.0
47.76			4611	66209.3	70026.2	46800.7	21326.9
46.17			4610	91143.1	62323.8	71749.7	3555.1
39.32			4640	90876.9	65203.4	67375.7	9502.8
39.60		Min	Cent	-17103.1	-310153.2	-59352.2	-321700.1
-11.02			4641	-57447.6	-389801.7	-51821.6	-397665.9
-8.64			4611	-53285.1	-395408.0	-47463.0	-401857.4
-7.75			4610	-23320.1	-242337.5	-71632.0	-263682.6
-16.59			4640	-24638.4	-237681.4	-79539.0	-264070.2
-18.37							

			NODE	Vxx	Vyy		
		Max	Cent	57.4	12.7		
			4641	69.2	14.0		
			4611	69.2	13.5		
			4610	67.2	13.5		
			4640	67.2	14.0		
		Min	Cent	-61.3	-243.9		
			4641	-72.5	-242.0		
			4611	-72.5	-248.3		
			4610	-68.8	-248.3		
			4640	-68.8	-242.0		

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	-720.3	25.4	120.8	44.2	-739.1
81.08			4641	-720.3	31.6	120.8	50.2	-738.9
81.15			4611	-720.3	31.4	120.8	50.1	-738.9
81.15			4610	-720.2	31.4	120.8	50.1	-738.9
81.15			4640	-720.2	31.6	120.8	50.2	-738.9
81.15		Min	Cent	-3630.9	-60.5	-88.7	-57.3	-3631.3
-87.94			4641	-3595.3	-60.6	-88.7	-57.5	-3595.7
-87.96			4611	-3595.3	-63.7	-88.7	-60.6	-3595.7
-87.96			4610	-3666.5	-63.7	-88.7	-60.5	-3666.9
-87.92			4640	-3666.5	-60.6	-88.7	-57.4	-3666.9
-87.92								

PROJECT TITLE :

	Company		Client	
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	68015.4	67817.6	53697.3	112498.0	64938.9
48.40		4641	66001.8	72511.6	45050.4	113331.0	64542.5
47.76		4611	70064.6	70026.2	46800.7	114908.6	64885.5
46.17		4610	91143.1	66059.8	71749.7	149911.7	63236.1
39.32		4640	90876.9	69678.7	67375.7	146577.5	65344.3
39.60	Min	Cent	-17103.1	-310153.2	-59352.2	-5556.1	-321700.1
-11.02		4641	-57447.6	-389801.7	-51821.6	-49583.4	-397665.9
-8.64		4611	-53285.1	-395408.0	-47463.0	-46835.6	-401857.4
-7.75		4610	-23320.1	-242337.5	-71632.0	-1975.0	-263682.6
-16.59		4640	-24638.4	-237681.4	-79539.0	1750.4	-264070.2
-18.37							

		NODE	Vxx	Vyy
	Max	Cent	57.4	12.7
		4641	69.2	14.0
		4611	69.2	13.5
		4610	67.2	13.5
		4640	67.2	14.0
	Min	Cent	-61.3	-243.9
		4641	-72.5	-242.0
		4611	-72.5	-248.3
		4610	-68.8	-248.3
		4640	-68.8	-242.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4717	1	17	c mob-a	Max	Cent	3.1	21.3	75.8	88.6	-64.2
48.43					4670	3.0	26.0	75.8	91.2	-62.2
49.31					4641	3.0	25.5	75.8	90.9	-62.4
49.22					4640	3.1	25.5	75.8	91.0	-62.3
49.19					4669	3.1	26.0	75.8	91.3	-62.1
49.28				Min	Cent	-1240.8	-34.2	-78.3	-29.1	-1245.9
-86.30					4670	-1269.6	-33.4	-78.3	-28.5	-1274.5
-86.39					4641	-1269.6	-36.5	-78.3	-31.6	-1274.5
-86.38					4640	-1221.0	-36.5	-78.3	-31.4	-1226.1
-86.24					4669	-1221.0	-33.4	-78.3	-28.3	-1226.1
-86.25										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	32585.0	61714.5	42445.1	92024.2	2275.3

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54.47			4670	41147.0	70245.2	35744.7	94288.3	17103.9
56.07			4641	40702.4	68708.8	35546.2	92910.6	16500.5
55.75			4640	60171.6	56422.7	55053.3	113382.4	3211.9
44.02			4669	59864.6	58020.0	53610.1	112560.3	5324.3
44.51								
-13.66		Min	Cent	-16389.3	-190346.8	-44932.7	-5468.8	-201267.2
-9.91			4670	-42849.5	-256021.2	-38399.9	-36143.2	-262727.4
-9.10			4641	-40435.3	-264292.1	-36795.0	-34542.5	-270184.9
-21.59			4640	-23511.9	-142127.4	-55662.9	-1482.2	-164157.1
-23.69			4669	-24519.5	-134146.3	-59567.6	1616.5	-160282.4

	NODE	Vxx	Vyy
Max	Cent	43.9	18.6
	4670	54.1	19.3
	4641	54.1	18.9
	4640	49.9	18.9
	4669	49.9	19.3
Min	Cent	-46.3	-163.0
	4670	-55.5	-166.1
	4641	-55.5	-168.7
	4640	-51.3	-168.7
	4669	-51.3	-166.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.93	c mob-b	Max	Cent	2.1	22.6	74.0	87.0	-62.3
49.85			4670	2.1	27.4	74.0	89.8	-60.3
49.74			4641	2.1	26.8	74.0	89.4	-60.6
49.71			4640	2.2	26.8	74.0	89.5	-60.5
49.82			4669	2.2	27.4	74.0	89.8	-60.2
-86.30		Min	Cent	-1224.3	-37.5	-77.0	-32.6	-1229.3
-86.39			4670	-1251.0	-36.5	-77.0	-31.7	-1255.9
-86.38			4641	-1251.0	-40.0	-77.0	-35.1	-1255.9
-86.25			4640	-1210.3	-40.0	-77.0	-34.9	-1215.4
-86.26			4669	-1210.3	-36.5	-77.0	-31.5	-1215.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
56.00	Max	Cent	28510.1	60845.4	40032.8	87852.0	1503.5
55.93		4670	42829.0	70747.1	34801.9	94285.1	19291.1
55.55		4641	43764.5	69249.9	33032.3	91912.2	21102.3

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

47.52		4640	45224.9	54125.6	50430.0	100301.3	-950.7
48.02		4669	44957.0	55620.2	50356.3	100926.4	-349.2
-12.26	Min	Cent	-17934.3	-200382.0	-41597.2	-8897.9	-209418.4
-9.88		4670	-46374.7	-246665.8	-35983.1	-40106.3	-252934.1
-9.09		4641	-43411.0	-258898.5	-35371.8	-37753.4	-264556.2
-17.88		4640	-19701.4	-163382.9	-51746.2	-3005.3	-180078.9
-19.98		4669	-21090.8	-152547.1	-55082.0	-1062.3	-172575.6

	NODE	Vxx	Vyy
Max	Cent	39.7	19.1
	4670	53.9	20.1
	4641	53.9	19.7
	4640	35.9	19.7
	4669	35.9	20.1
Min	Cent	-41.8	-120.0
	4670	-54.7	-119.4
	4641	-54.7	-124.8
	4640	-37.7	-124.8
	4669	-37.7	-119.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-90.00	pp	Cent	-2693.6	-29.9	-0.1	-29.9	-2693.6
-90.00		4670	-2669.9	-26.3	-0.1	-26.3	-2669.9
-90.00		4641	-2669.9	-33.5	-0.1	-33.5	-2669.9
-90.00		4640	-2717.3	-33.5	-0.1	-33.5	-2717.3
-90.00		4669	-2717.3	-26.3	-0.1	-26.3	-2717.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-61.93	Cent	50857.7	52981.4	-1582.8	53825.6	50013.6
-77.30	4670	50849.4	54473.8	-860.2	54667.6	50655.6
-43.00	4641	52225.2	51980.5	-1745.3	53852.4	50353.2
-53.13	4640	50144.0	51534.5	-2383.1	53321.7	48356.8
-70.59	4669	50212.3	53937.0	-1498.0	54464.7	49684.6

	NODE	Vxx	Vyy
	Cent	-0.9	0.3
	4670	-1.5	0.6
	4641	-1.5	0.0
	4640	-0.3	0.0
	4669	-0.3	0.6

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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ANGLE

	vento -y	Cent	29.4	-0.7	-0.2	29.5	-0.7
-0.31		4670	24.0	-0.8	-0.2	24.1	-0.9
-0.37		4641	24.0	-0.6	-0.2	24.1	-0.6
-0.38		4640	34.8	-0.6	-0.2	34.8	-0.6
-0.26		4669	34.8	-0.8	-0.2	34.8	-0.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	307.2	1973.1	-34.7	1973.8	306.5
-88.81		4670	315.8	2162.1	-27.5	2162.5	315.4
-89.15		4641	390.5	2153.6	-40.1	2154.5	389.6
-88.70		4640	263.3	1776.8	-45.9	1778.2	261.9
-88.26		4669	259.4	1799.7	-33.4	1800.4	258.7

NODE	Vxx	Vyy
Cent	-0.0	0.5
4670	-0.1	0.5
4641	-0.1	0.5
4640	-0.0	0.5
4669	-0.0	0.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	97.7	6.7	-0.1	97.7	6.7
-0.04		4670	88.1	6.5	-0.1	88.1	6.5
-0.04		4641	88.1	6.8	-0.1	88.1	6.8
-0.05		4640	107.2	6.8	-0.1	107.2	6.8
-0.04		4669	107.2	6.5	-0.1	107.2	6.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-866.8	-7238.6	61.4	-866.2	-7239.2
0.55		4670	-1008.6	-7829.6	39.8	-1008.4	-7829.8
0.33		4641	-1040.9	-7880.8	88.5	-1039.8	-7882.0
0.74		4640	-726.7	-6624.4	83.3	-725.5	-6625.6
0.81		4669	-690.9	-6619.5	34.6	-690.7	-6619.7

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          Cent      0.0      -1.6
          4670      0.0      -1.6
          4641      0.0      -1.7
          4640      0.0      -1.7
          4669      0.0      -1.6
    
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
89.98	perm	Cent	-823.6	-9.7	0.3	-9.7	-823.6
89.98		4670	-814.2	-8.5	0.3	-8.5	-814.2
89.98		4641	-814.2	-11.0	0.3	-11.0	-814.2
89.98		4640	-833.1	-11.0	0.3	-11.0	-833.1
89.98		4669	-833.1	-8.5	0.3	-8.5	-833.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.95	Cent	8401.5	-15429.3	-396.0	8408.1	-15435.9
-0.52	4670	7460.9	-19755.5	-247.6	7463.1	-19757.8
-0.82	4641	7696.5	-20424.9	-401.1	7702.2	-20430.7
-1.59	4640	9165.4	-11076.9	-563.1	9181.1	-11092.6
-1.19	4669	9283.4	-10459.7	-409.6	9291.9	-10468.2

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          NODE      Vxx      Vyy
          Cent      -0.2      -12.5
          4670      -0.3      -12.4
          4641      -0.3      -12.6
          4640      -0.0      -12.6
          4669      -0.0      -12.4
    
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
82.34	INV TO~1 Max	Cent	-721.8	27.4	102.7	41.2	-735.6
82.41		4670	-722.0	35.0	102.7	48.7	-735.7
82.38		4641	-722.0	31.9	102.7	45.7	-735.7
82.38		4640	-721.7	31.9	102.7	45.7	-735.4
82.41		4669	-721.7	35.0	102.7	48.7	-735.3
-87.53	Min	Cent	-2498.8	-60.4	-105.4	-55.8	-2503.3
-87.56		4670	-2528.1	-57.8	-105.4	-53.3	-2532.6
-87.56		4641	-2528.1	-65.0	-105.4	-60.5	-2532.6
-87.51		4640	-2481.4	-65.0	-105.4	-60.4	-2486.0

PROJECT TITLE :

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	Max	Cent	68657.9	71524.9	56966.3	117568.1	67518.4
48.88		4670	68646.7	75753.0	48047.6	118809.1	68385.1
48.11		4641	70504.0	73062.5	47674.8	117610.4	67976.8
46.89		4640	90397.1	69571.6	73842.2	152581.5	65281.7
40.13		4669	90100.6	72815.0	71998.6	151801.5	67074.2
40.61							
-11.90	Min	Cent	-16676.6	-293183.6	-61055.2	-3820.0	-306040.2
-9.09		4670	-56153.6	-373213.6	-52087.5	-47828.2	-381539.0
-8.35		4641	-51949.3	-385100.1	-50074.3	-44611.1	-392438.3
-17.57		4640	-23302.3	-238268.2	-75708.1	636.6	-262207.1
-19.57		4669	-24508.8	-223017.8	-80825.9	4216.0	-251742.6

	NODE	Vxx	Vyy
Max	Cent	59.1	13.3
	4670	72.7	14.7
	4641	72.7	14.0
	4640	67.4	14.0
	4669	67.4	14.7
Min	Cent	-62.6	-234.2
	4670	-75.2	-238.2
	4641	-75.2	-242.0
	4640	-69.2	-242.0
	4669	-69.2	-238.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4756	1	17	c mob-a	Max	Cent	1239.7	52.5	416.5	1371.2	-79.0
17.53					5931	1361.7	156.9	416.5	1491.6	26.9
17.33					5896	1361.7	18.8	416.5	1480.3	-99.9
15.90					5895	1118.4	18.8	416.5	1258.3	-121.2
18.57					5930	1118.4	156.9	416.5	1273.7	1.6
20.45				Min	Cent	-12.3	-143.1	-7.7	-11.9	-143.5
-3.38					5931	-19.6	-37.1	-7.7	-16.7	-40.1
-20.72					5896	-19.6	-309.7	-7.7	-19.4	-309.9
-1.53					5895	-9.9	-309.7	-7.7	-9.7	-309.9
-1.48					5930	-9.9	-37.1	-7.7	-7.8	-39.2

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	2080.0	3161.7	33674.0	36299.2	-31057.5
	5931	8454.8	6533.4	22107.4	29622.3	-14634.2

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43.76							
		5896	10689.6	5268.9	30318.9	38419.1	-22460.6
42.45							
		5895	36168.1	7537.2	45541.4	69591.0	-25885.7
36.28							
		5930	36948.5	6360.7	37041.3	61729.0	-18419.9
33.78							
	Min	Cent	-50104.4	-186073.6	-41635.5	-38368.1	-197809.9
-15.74							
		5931	-49298.0	-241890.4	-30095.4	-44704.7	-246483.7
-8.68							
		5896	-106454.3	-276353.5	-33390.5	-100127.6	-282680.2
-10.73							
		5895	-58685.6	-122957.1	-53091.4	-28761.6	-152881.1
-29.41							
		5930	-52789.1	-125294.9	-51725.9	-25876.8	-152207.2
-27.49							

	NODE	Vxx	Vyy
Max	Cent	77.9	6.5
	5931	102.1	6.3
	5896	102.1	7.7
	5895	60.5	7.7
	5930	60.5	6.3
Min	Cent	-43.4	-179.2
	5931	-53.0	-170.2
	5896	-53.0	-198.2
	5895	-57.8	-198.2
	5930	-57.8	-170.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	1209.1	86.9	407.4	1341.4	-45.4
17.99								
			5931	1327.3	197.1	407.4	1458.9	65.6
17.90								
			5896	1327.3	35.3	407.4	1445.0	-82.5
16.12								
			5895	1091.3	35.3	407.4	1230.2	-103.6
18.83								
			5930	1091.3	197.1	407.4	1249.1	39.3
21.17								
		Min	Cent	-10.4	-130.3	-7.5	-9.9	-130.8
-3.55								
			5931	-11.3	-24.0	-7.5	-7.9	-27.4
-24.90								
			5896	-11.3	-290.2	-7.5	-11.1	-290.4
-1.53								
			5895	-9.5	-290.2	-7.5	-9.3	-290.4
-1.52								
			5930	-9.5	-24.0	-7.5	-6.3	-27.1
-22.96								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	754.2	5151.4	5318.5	8707.8	-2802.2	
56.23								
			5931	9020.1	9069.0	3976.6	13021.3	5067.9
45.18								
			5896	12359.2	8413.0	7938.5	18566.2	2206.0
38.02								
			5895	4630.6	4227.2	8103.2	12534.6	-3676.8
44.29								

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49.31		5930	1271.2	2631.3	4482.0	6484.6	-2582.0
-21.90	Min	Cent	-47791.9	-124125.7	-36592.5	-33084.2	-138833.4
-14.75		5931	-42747.6	-126615.1	-23729.3	-36499.2	-132863.5
-14.42		5896	-70264.7	-191647.8	-33429.2	-61667.2	-200245.3
-32.32		5895	-58973.7	-105737.1	-49345.4	-27750.7	-136960.1
-32.81		5930	-46614.0	-82820.4	-39962.8	-20845.2	-108589.2

	NODE	Vxx	Vyy
Max	Cent	36.7	7.6
	5931	77.3	7.6
	5896	77.3	9.1
	5895	15.4	9.1
	5930	15.4	7.6
Min	Cent	-26.6	-86.2
	5931	-58.2	-60.2
	5896	-58.2	-115.2
	5895	-11.2	-115.2
	5930	-11.2	-60.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
15.85	pp	Cent	3514.7	-258.5	1164.8	3845.3	-589.1
16.53		5931	3852.9	274.5	1164.8	4198.6	-71.3
13.32		5896	3852.9	-791.5	1164.8	4128.6	-1067.2
15.21		5895	3176.5	-791.5	1164.8	3493.2	-1108.1
19.38		5930	3176.5	274.5	1164.8	3586.2	-135.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-80.94	Cent	-93815.9	-48959.7	-7335.9	-47790.4	-94985.2
-9.03	5931	-10253.7	-37467.2	-4438.0	-9548.2	-38172.7
89.16	5896	-196921.9	-102370.3	1379.4	-102350.2	-196942.1
-88.46	5895	-82418.3	-22848.9	-1604.2	-22805.7	-82461.5
-82.11	5930	-85669.7	-33152.3	-7421.6	-32123.6	-86698.3

	NODE	Vxx	Vyy
	Cent	95.8	-52.8
	5931	193.0	-27.0
	5896	193.0	-78.7
	5895	-1.3	-78.7
	5930	-1.3	-27.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-28.6	16.5	-9.5	18.4	-30.5
-78.61		5931	-28.3	9.0	-9.5	11.2	-30.6
-76.54		5896	-28.3	24.1	-9.5	25.7	-30.0
-80.07		5895	-28.8	24.1	-9.5	25.7	-30.4
-80.14		5930	-28.8	9.0	-9.5	11.2	-31.0
-76.68							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	601.5	673.7	-170.5	811.9	463.4
-50.98		5931	-646.8	435.3	-279.5	503.2	-714.7
-76.34		5896	1873.0	1368.7	-243.9	1971.7	1270.0
-22.03		5895	554.7	420.4	-178.4	678.2	296.9
-34.68		5930	625.2	470.5	-213.9	775.4	320.4
-35.06							
		NODE	Vxx	Vyy			

		Cent	-1.3	0.6			
		5931	-2.6	0.3			
		5896	-2.6	1.0			
		5895	0.1	1.0			
		5930	0.1	0.3			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	58.8	-6.5	-2.1	58.9	-6.6
-1.85		5931	79.1	-17.2	-2.1	79.2	-17.3
-1.26		5896	79.1	4.2	-2.1	79.2	4.2
-1.62		5895	38.6	4.2	-2.1	38.7	4.1
-3.51		5930	38.6	-17.2	-2.1	38.6	-17.3
-2.17							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-21364.6	-104171.0	-6752.5	-20817.6	-104718.1
-4.63		5931	-26311.1	-110501.9	-5050.9	-26009.2	-110803.9
-3.42		5896	-21829.8	-125474.9	-5111.0	-21578.3	-125726.4
-2.82		5895	-21979.3	-93939.1	-8726.7	-20936.1	-94982.3
-6.82		5930	-15338.4	-86768.2	-8666.6	-14301.9	-87804.7
-6.82							
		NODE	Vxx	Vyy			

		Cent	-1.3	-36.9			

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5931 -8.3 -29.9
 5896 -8.3 -43.9
 5895 5.8 -43.9
 5930 5.8 -29.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
16.64	perm	Cent	966.3	-30.2	327.1	1064.1	-128.0
17.57		5931	1053.6	124.1	327.1	1157.1	20.5
13.93		5896	1053.6	-184.4	327.1	1134.7	-265.5
15.80		5895	879.1	-184.4	327.1	971.6	-277.0
20.45		5930	879.1	124.1	327.1	1001.1	2.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-63.56	Cent	-27366.4	-22662.4	-3108.3	-21116.5	-28912.3
-6.23	5931	-5313.7	-20945.9	-1725.8	-5125.4	-21134.2
-87.23	5896	-54815.2	-41152.2	-661.8	-41120.2	-54847.2
-78.95	5895	-24549.6	-13716.9	-2199.8	-13287.3	-24979.2
-73.37	5930	-24787.3	-14834.7	-3263.8	-13859.9	-25762.1

NODE Vxx Vyy
 Cent 25.2 -21.8
 5931 50.5 -13.9
 5896 50.5 -29.7
 5895 -0.0 -29.7
 5930 -0.0 -13.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
17.06	INV TO~1 Max	Cent	2698.7	87.1	889.3	2971.1	-191.7
17.17		5931	2970.9	390.2	889.3	3245.0	106.3
14.88		5896	2970.9	-132.6	889.3	3206.7	-368.3
17.36		5895	2427.5	-132.6	889.3	2704.9	-410.0
20.41		5930	2427.5	390.2	889.3	2757.6	51.8
14.18	Min	Cent	949.7	-229.9	314.5	1029.7	-305.2
16.80		5931	1027.1	56.7	314.5	1122.7	-30.4
10.62		5896	1027.1	-602.6	314.5	1086.5	-661.9
11.66		5895	865.8	-602.6	314.5	931.1	-667.9
19.33		5930	865.8	56.7	314.5	976.8	-47.3

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		-----	-----	-----	-----	-----	-----	
	Max	Cent	-24558.4	-15708.0	42351.5	22448.9	-62715.3	
47.98		5931	6863.5	-8702.8	28119.2	28256.8	-30096.1	
37.26		5896	-38130.3	-29794.7	40268.8	6521.5	-74446.4	
47.95		5895	24277.3	-3541.6	59281.2	71259.0	-50523.3	
38.40		5930	25093.2	-6247.8	46741.9	58721.5	-39876.1	
35.73		Min	Cent	-116372.0	-378032.9	-66068.8	-100636.1	-393768.8
-13.40		5931	-98177.1	-457999.9	-47405.6	-92036.4	-464140.6	
-7.38		5896	-220358.3	-539704.3	-50902.1	-212441.1	-547621.6	
-8.84		5895	-126143.4	-273648.1	-82599.9	-89161.1	-310630.3	
-24.12		5930	-111390.9	-270751.0	-81760.4	-76905.9	-305236.1	
-22.87								

	NODE	Vxx	Vyy
Max	Cent	130.3	-11.5
	5931	188.4	-3.7
	5896	188.4	-17.4
	5895	87.4	-17.4
	5930	87.4	-3.7
Min	Cent	-34.6	-300.6
	5931	-36.4	-273.6
	5896	-36.4	-341.2
	5895	-78.0	-341.2
	5930	-78.0	-273.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		-----	-----	-----	-----	-----	-----	
	INV TO~2	Max	Cent	4744.8	87.1	1572.5	5191.2	-191.7
15.85			5931	5201.3	390.2	1572.5	5668.1	106.3
16.53			5896	5201.3	-132.6	1572.5	5573.7	-368.3
13.32			5895	4288.3	-132.6	1572.5	4715.8	-410.0
15.21			5930	4288.3	390.2	1572.5	4841.4	51.8
19.38		Min	Cent	949.7	-349.0	314.5	1029.7	-795.3
14.18			5931	1027.1	56.7	314.5	1122.7	-96.3
16.80			5896	1027.1	-1068.5	314.5	1086.5	-1440.8
10.62			5895	865.8	-1068.5	314.5	931.1	-1496.0
11.66			5930	865.8	56.7	314.5	976.8	-182.6
19.33								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----

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47.98	Max	Cent	-24558.4	-15708.0	42351.5	22448.9	-62715.3
37.26		5931	6863.5	-8702.8	28119.2	28256.8	-30096.1
47.95		5896	-38130.3	-29794.7	40268.8	6521.5	-74446.4
38.40		5895	24277.3	-3541.6	59281.2	71259.0	-50523.3
35.73		5930	25093.2	-6247.8	46741.9	58721.5	-39876.1
-13.40	Min	Cent	-126651.5	-378032.9	-66068.8	-100636.1	-393768.8
-7.38		5931	-98177.1	-457999.9	-47405.6	-92036.4	-464140.6
-8.84		5896	-265844.6	-539704.3	-50902.1	-212441.1	-547621.6
-24.12		5895	-126143.4	-273648.1	-82599.9	-89161.1	-310630.3
-22.87		5930	-115654.1	-270751.0	-81760.4	-76905.9	-305236.1

	NODE	Vxx	Vyy
Max	Cent	130.3	-11.5
	5931	260.5	-3.7
	5896	260.5	-17.4
	5895	87.4	-17.4
	5930	87.4	-3.7
Min	Cent	-34.6	-300.6
	5931	-36.4	-273.6
	5896	-36.4	-341.2
	5895	-78.0	-341.2
	5930	-78.0	-273.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4757	1	17	c mob-a	Max	Cent	878.0	224.2	536.1	1178.9	-76.8
29.31					5967	923.7	357.8	536.1	1246.9	34.6
31.09					5931	923.7	107.4	536.1	1189.3	-158.2
26.36					5930	832.5	107.4	536.1	1117.1	-177.2
27.97					5966	832.5	357.8	536.1	1181.4	8.9
33.06				Min	Cent	-27.5	-27.6	-8.5	-19.1	-36.1
-44.85					5967	-41.7	-17.4	-8.5	-14.8	-44.4
-72.45					5931	-41.7	-71.6	-8.5	-39.4	-73.9
-14.84					5930	-13.8	-71.6	-8.5	-12.6	-72.8
-8.22					5966	-13.8	-17.4	-8.5	-6.9	-24.3
-38.99										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	3552.4	2220.9	24673.5	27569.2	-21795.8
44.23					5967	9922.1	6024.3	15377.2	23473.5	-7527.0
41.39					5931	4662.6	4576.9	22233.1	26852.9	-17613.4

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44.94								
		5930	38881.2	6650.4	33466.0	59909.9	-14378.2	
32.14								
		5966	39294.7	6393.7	25387.2	53095.3	-7406.9	
28.53								
	Min	Cent	-33540.6	-177345.5	-36626.9	-24749.3	-186136.9	
-13.50								
		5967	-41191.2	-233143.6	-25405.2	-37885.7	-236449.1	
-7.41								
		5931	-73839.3	-250633.0	-26840.4	-69854.2	-254618.0	
-8.45								
		5930	-44972.5	-123237.6	-46368.3	-23430.7	-144779.4	
-24.92								
		5966	-35232.7	-120989.1	-45319.5	-15721.8	-140500.0	
-23.29								

		NODE	Vxx	Vyy
	Max	Cent	56.3	3.9
		5967	57.3	3.5
		5931	57.3	6.3
		5930	58.5	6.3
		5966	58.5	3.5
	Min	Cent	-39.2	-162.4
		5967	-33.5	-162.0
		5931	-33.5	-170.2
		5930	-55.3	-170.2
		5966	-55.3	-162.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	857.8	259.8	527.2	1164.9	-47.3
30.22								
			5967	904.1	391.5	527.2	1234.0	61.5
32.04								
			5931	904.1	155.9	527.2	1176.4	-116.5
27.32								
			5930	811.7	155.9	527.2	1104.7	-137.1
29.06								
			5966	811.7	391.5	527.2	1169.1	34.0
34.14								
		Min	Cent	-13.3	-14.3	-5.3	-8.5	-19.2
-42.19								
			5967	-17.4	-9.2	-5.3	-6.6	-20.0
-63.86								
			5931	-17.4	-54.8	-5.3	-16.6	-55.6
-7.91								
			5930	-9.6	-54.8	-5.3	-8.9	-55.5
-6.60								
			5966	-9.6	-9.2	-5.3	-4.0	-14.7
-46.06								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	1238.2	3646.8	2496.0	5213.8	-328.8
57.88								
			5967	9724.1	6758.5	2693.8	11316.3	5166.3
30.58								
			5931	6019.1	6864.8	3629.4	10095.9	2788.0
48.32								
			5930	2786.1	2877.3	3647.6	6479.5	-816.2
45.36								
			5966	2040.7	2936.5	2472.3	5001.1	-23.9
50.13								

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-21.07	Min	Cent	-27435.0	-81495.0	-24457.9	-18012.1	-90917.8
-16.58		5967	-24807.2	-72648.4	-15626.2	-20155.5	-77300.1
-12.51		5931	-39309.2	-125935.0	-20208.8	-34826.7	-130417.5
-28.84		5930	-38912.1	-81333.9	-33536.3	-20442.0	-99804.1
-32.88		5966	-24165.8	-50333.8	-29063.1	-5377.4	-69122.3

	NODE	Vxx	Vyy
Max	Cent	23.0	4.6
	5967	38.7	3.5
	5931	38.7	7.6
	5930	13.9	7.6
	5966	13.9	3.5
Min	Cent	-13.8	-44.2
	5967	-24.3	-29.2
	5931	-24.3	-60.2
	5930	-8.2	-60.2
	5966	-8.2	-29.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.27	pp	Cent	2479.2	465.5	1523.1	3298.2	-353.5
30.19		5967	2595.8	863.7	1523.1	3481.9	-22.4
25.15		5931	2595.8	67.4	1523.1	3311.0	-647.9
26.50		5930	2362.6	67.4	1523.1	3122.0	-692.1
31.90		5966	2362.6	863.7	1523.1	3310.7	-84.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-84.04	Cent	-37928.0	-25857.2	-1275.1	-25723.9	-38061.2
6.80	5967	20592.8	-11119.4	3833.3	21049.6	-11576.2
86.52	5931	-97069.2	-54830.3	2579.8	-54673.4	-97226.1
-85.21	5930	-49838.6	-25986.1	-2012.7	-25817.4	-50007.3
-86.88	5966	-25396.9	-11492.8	-759.1	-11451.5	-25438.2

	NODE	Vxx	Vyy
	Cent	67.1	-19.6
	5967	112.1	-12.3
	5931	112.1	-27.0
	5930	22.2	-27.0
	5966	22.2	-12.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-17.7	4.6	-14.8	12.0	-25.0

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-63.51		5967	-15.1	-2.0	-14.8	7.6	-24.7
-56.96		5931	-15.1	11.2	-14.8	17.8	-21.7
-65.81		5930	-20.3	11.2	-14.8	17.0	-26.1
-68.39		5966	-20.3	-2.0	-14.8	6.3	-28.5
-60.89							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	84.0	305.0	-294.5	509.1	-120.1
-55.28		5967	-1038.3	-112.4	-417.2	47.8	-1198.5
-68.99		5931	1141.6	792.9	-372.8	1378.8	555.7
-32.47		5930	168.0	379.1	-269.9	563.3	-16.2
-55.68		5966	64.8	160.4	-314.3	430.4	-205.3
-49.32							

	NODE	Vxx	Vyy
-----	Cent	-1.1	0.1
	5967	-2.1	-0.1
	5931	-2.1	0.3
	5930	-0.1	0.3
	5966	-0.1	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----		Cent	44.8	-31.5	-8.7	45.8	-32.5
-6.42	cedime~1	5967	60.9	-42.9	-8.7	61.6	-43.6
-4.76		5931	60.9	-20.0	-8.7	61.8	-21.0
-6.07		5930	28.8	-20.0	-8.7	30.3	-21.6
-9.80		5966	28.8	-42.9	-8.7	29.8	-44.0
-6.82							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	-17287.7	-88176.8	-9743.3	-15972.9	-89491.6
-7.69		5967	-22527.7	-86393.4	-8013.3	-21537.6	-87383.5
-7.04		5931	-20173.3	-109274.4	-5613.5	-19821.0	-109626.6
-3.59		5930	-15156.0	-86731.7	-11627.6	-13314.5	-88573.3
-9.00		5966	-11293.7	-70307.7	-14027.4	-8129.2	-73472.3
-12.71							

	NODE	Vxx	Vyy
-----	Cent	-3.3	-24.6
	5967	-7.1	-19.2
	5931	-7.1	-29.9

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			5930	0.6	-29.9			
			5966	0.6	-19.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	perm	Cent	684.6	183.3	437.2	937.9	-70.0	
30.09		5967	716.8	299.0	437.2	992.4	23.4	
32.23		5931	716.8	67.7	437.2	936.7	-152.2	
26.71		5930	652.3	67.7	437.2	885.9	-165.9	
28.12		5966	652.3	299.0	437.2	947.2	4.1	
34.00								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

-20.12		Cent	-11917.8	-14241.7	-983.6	-11557.3	-14602.1	
		5967	4042.5	-10980.5	844.8	4089.8	-11027.8	
3.21		5931	-28475.2	-25578.2	271.8	-25553.0	-28500.4	
84.69		5930	-15077.5	-12892.8	-1592.2	-12054.3	-15916.0	
-62.23		5966	-8160.8	-7515.3	-1019.1	-6769.0	-8907.1	
-53.79								
		NODE	Vxx	Vyy				
		Cent	18.2	-11.1				
		5967	30.5	-8.2				
		5931	30.5	-13.9				
		5930	6.0	-13.9				
		5966	6.0	-8.2				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	1914.7	534.1	1160.9	2559.9	-97.3
29.25			5967	2024.7	827.5	1160.9	2713.0	103.2
30.86			5931	2024.7	278.1	1160.9	2593.1	-231.5
26.26			5930	1804.9	278.1	1160.9	2419.2	-237.1
28.06			5966	1804.9	827.5	1160.9	2555.8	47.8
33.89		Min	Cent	647.4	114.6	417.0	890.7	-142.6
29.75			5967	660.5	232.5	417.0	935.2	-6.4
32.83			5931	660.5	-49.0	417.0	863.5	-313.6
25.50			5930	633.6	-49.0	417.0	841.7	-356.2
26.05			5966	633.6	232.5	417.0	916.3	-21.7
33.59								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

ANGLE								
44.03	Max	Cent	-7122.0	-9318.5	32325.6	24124.0	-40564.5	
32.97			5967	17437.4	-1856.5	21604.1	31450.5	-15869.7
46.91			5931	-20349.4	-16310.7	30286.5	12023.7	-48683.8
32.32			5930	37412.1	-3914.7	43587.0	64985.6	-31488.2
28.32			5966	44887.0	1116.3	33253.7	62810.8	-16807.6
-12.12	Min	Cent	-74485.3	-341835.0	-60173.2	-61566.2	-354754.0	
-6.89			5967	-74093.3	-412117.7	-41465.5	-69081.1	-417130.0
-7.18			5931	-148331.5	-473207.1	-41576.2	-143095.1	-478443.4
-20.45			5930	-90946.4	-265995.2	-75816.9	-62674.8	-294266.9
-20.60			5966	-67018.7	-241158.3	-76227.8	-38365.4	-269811.6

	NODE	Vxx	Vyy
Max	Cent	94.2	-4.9
	5967	107.8	-3.5
	5931	107.8	-3.7
	5930	85.5	-3.7
	5966	85.5	-3.5
Min	Cent	-37.9	-254.9
	5967	-21.9	-246.2
	5931	-21.9	-273.6
	5930	-68.7	-273.6
	5966	-68.7	-246.2

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
28.27	INV TO~2	Max	Cent	3346.9	628.5	2056.2	4452.6	-97.3
30.19			5967	3504.4	1166.0	2056.2	4700.6	103.2
25.15			5931	3504.4	278.1	2056.2	4469.9	-231.5
26.50			5930	3189.5	278.1	2056.2	4214.8	-237.1
31.90			5966	3189.5	1166.0	2056.2	4469.4	47.8
29.75		Min	Cent	647.4	114.6	417.0	890.7	-477.2
32.83			5967	660.5	232.5	417.0	935.2	-30.2
25.50			5931	660.5	-49.0	417.0	863.5	-874.6
26.05			5930	633.6	-49.0	417.0	841.7	-934.3
33.59			5966	633.6	232.5	417.0	916.3	-113.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.03	Max	Cent	-7122.0	-9318.5	32325.6	24124.0	-40564.5

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32.97		5967	27800.3	-1856.5	21604.1	31450.5	-15627.8
46.91		5931	-20349.4	-16310.7	30286.5	12023.7	-48683.8
32.32		5930	37412.1	-3914.7	43587.0	64985.6	-31488.2
28.32		5966	44887.0	1116.3	33253.7	62810.8	-16807.6
-12.12	Min	Cent	-74485.3	-341835.0	-60173.2	-61566.2	-354754.0
-6.89		5967	-74093.3	-412117.7	-41465.5	-69081.1	-417130.0
-7.18		5931	-148331.5	-473207.1	-41576.2	-143095.1	-478443.4
-20.45		5930	-90946.4	-265995.2	-75816.9	-62674.8	-294266.9
-20.60		5966	-67018.7	-241158.3	-76227.8	-38365.4	-269811.6

	NODE	Vxx	Vyy
Max	Cent	94.2	-4.9
	5967	151.3	-3.5
	5931	151.3	-3.7
	5930	85.5	-3.7
	5966	85.5	-3.5
Min	Cent	-37.9	-254.9
	5967	-21.9	-246.2
	5931	-21.9	-273.6
	5930	-68.7	-273.6
	5966	-68.7	-246.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4764	1	4	c mob-a	Max	Cent	2391.5	119.5	16.1	2391.6	119.4
0.41					3465	2412.3	15.7	16.1	2412.4	15.6
0.38					3434	2412.3	276.7	16.1	2412.4	276.6
0.43					3433	2371.2	276.7	16.1	2371.3	276.6
0.44					3464	2371.2	15.7	16.1	2371.3	15.6
0.39				Min	Cent	-99.9	-14.1	-848.8	792.9	-906.9
-46.45					3465	-111.7	-98.5	-848.8	743.8	-954.0
-45.22					3434	-111.7	-9.2	-848.8	789.9	-910.8
-46.73					3433	-88.5	-9.2	-848.8	800.9	-898.6
-46.34					3464	-88.5	-98.5	-848.8	755.3	-942.4
-44.83										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	57094.1	11146.6	42455.1	82392.8	-14152.1
30.79					3465	72408.4	40947.8	29175.8	89824.2	23532.0
30.83					3434	80142.9	3899.5	47027.1	102558.9	-18516.5
25.49					3433	74803.8	3955.4	45100.2	96728.5	-17969.3

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25.93								
		3464	85696.4	11181.3	33052.1	98244.1	-1366.5	
20.79								
	Min	Cent	-197575.1	-107387.0	-38016.4	-93500.4	-211461.7	
-69.93								
		3465	-310130.3	-133002.7	-28742.6	-128455.4	-314677.6	
-81.01								
		3434	-170868.8	-143466.8	-30878.2	-123386.4	-190949.2	
-56.96								
		3433	-131461.8	-101260.4	-39450.9	-74118.9	-158603.3	
-55.47								
		3464	-325064.5	-93378.2	-36252.0	-87838.3	-330604.4	
-81.31								

	NODE	Vxx	Vyy
Max	Cent	31.6	44.9
	3465	106.3	90.5
	3434	106.3	8.1
	3433	132.0	8.1
	3464	132.0	90.5
Min	Cent	-216.7	-118.9
	3465	-253.9	-116.2
	3434	-253.9	-129.4
	3433	-316.2	-129.4
	3464	-316.2	-116.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	2328.9	123.6	18.9	2329.1	123.5
0.49			3465	2350.0	20.4	18.9	2350.2	20.2
0.46			3434	2350.0	274.5	18.9	2350.2	274.4
0.52			3433	2308.1	274.5	18.9	2308.3	274.4
0.53			3464	2308.1	20.4	18.9	2308.3	20.2
0.47		Min	Cent	-109.5	-13.9	-824.4	764.0	-887.5
-46.66			3465	-123.0	-91.4	-824.4	717.3	-931.8
-45.55			3434	-123.0	-8.5	-824.4	760.6	-892.1
-46.99			3433	-96.4	-8.5	-824.4	773.1	-878.0
-46.53			3464	-96.4	-91.4	-824.4	730.4	-918.3
-45.09								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	58839.1	11561.3	57250.5	97139.0	-26738.7	
33.78		3465	103955.2	41434.6	43932.2	126613.7	18776.0	
27.28		3434	89721.4	5318.1	60146.1	120994.4	-25955.0	
27.47		3433	107888.2	4383.7	57142.8	133230.7	-20958.8	
23.92		3464	93492.7	15472.9	46871.0	115463.7	-6498.1	
25.11		Min	Cent	-200440.0	-128394.3	-69442.7	-86187.2	-242647.2
-58.71								

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-75.74	3465	-329609.1	-148860.9	-49094.3	-136386.9	-342083.1
-56.39	3434	-219277.5	-161960.8	-68227.1	-116617.6	-264620.7
-50.77	3433	-154346.9	-123826.9	-74792.6	-62753.4	-215420.4
-77.69	3464	-364128.7	-126257.5	-54501.5	-114364.6	-376021.5

	NODE	Vxx	Vyy
Max	Cent	54.9	43.7
	3465	192.9	90.5
	3434	192.9	10.6
	3433	161.5	10.6
	3464	161.5	90.5
Min	Cent	-229.8	-86.9
	3465	-299.7	-90.6
	3434	-299.7	-101.6
	3433	-391.1	-101.6
	3464	-391.1	-90.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.58	pp	Cent	6702.0	298.8	-2426.8	7517.8	-517.0
-17.50		3465	6744.4	-186.9	-2426.8	7509.6	-952.1
-19.58		3434	6744.4	784.6	-2426.8	7607.6	-78.6
-19.78		3433	6659.5	784.6	-2426.8	7532.3	-88.2
-17.67		3464	6659.5	-186.9	-2426.8	7432.5	-959.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.39	Cent	-537493.9	-1579.4	-15068.6	-1156.0	-537917.3
-89.83	3465	-776966.0	65599.7	-2444.8	65606.8	-776973.0
87.47	3434	-301578.6	-43022.9	11444.0	-42517.3	-302084.1
-87.88	3433	-213250.8	-19347.7	-7187.1	-19081.6	-213516.9
-88.58	3464	-858180.3	-9546.7	-21075.8	-9023.6	-858703.4

	NODE	Vxx	Vyy
	Cent	-588.5	104.2
	3465	-511.4	232.1
	3434	-511.4	-23.7
	3433	-665.5	-23.7
	3464	-665.5	232.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
66.47	vento -y	Cent	-40.4	4.6	24.2	15.2	-50.9
		3465	-37.7	12.3	24.2	22.1	-47.5

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67.98		3434	-37.7	-3.1	24.2	9.4	-50.1
62.80		3433	-43.1	-3.1	24.2	8.3	-54.5
64.80		3464	-43.1	12.3	24.2	21.4	-52.2
69.44							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	50.7	238.6	2486.2	2632.6	-2343.3
46.08		3465	-1310.9	-623.1	1901.4	965.2	-2899.3
50.13		3434	2045.6	942.6	840.4	2499.4	488.9
28.36		3433	-7045.8	-774.3	917.8	-642.7	-7177.4
81.84		3464	6513.8	1409.0	1978.8	7191.1	731.8
18.89							

	NODE	Vxx	Vyy
-----	Cent	5.2	-1.1
	3465	-3.1	-1.8
	3434	-3.1	-0.4
	3433	13.5	-0.4
	3464	13.5	-1.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-----		Cent	131.9	-24.0	9.9	132.5	-24.6
3.60	cedime~1	3465	151.4	-23.8	9.9	151.9	-24.3
3.21		3434	151.4	-24.2	9.9	151.9	-24.7
3.20		3433	112.3	-24.2	9.9	113.0	-24.9
4.11		3464	112.3	-23.8	9.9	113.0	-24.5
4.12							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	-35415.3	-93148.3	11161.4	-33332.7	-95231.0
10.57		3465	-64164.9	-114583.3	16519.2	-59234.6	-119513.6
16.62		3434	10476.9	-72695.5	-11148.9	11945.5	-74164.1
-7.50		3433	-62492.9	-84506.5	-8392.9	-59658.1	-87341.3
-18.66		3464	-25480.4	-100808.0	19275.3	-20834.7	-105453.8
13.55							

	NODE	Vxx	Vyy
-----	Cent	-13.4	-17.4
	3465	-68.2	-23.8
	3434	-68.2	-11.0
	3433	41.4	-11.0
	3464	41.4	-23.8

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.24	perm	Cent	1825.9	109.1	-682.6	2064.2	-129.2
-18.16		3465	1832.9	-24.8	-682.6	2056.7	-248.6
-20.32		3434	1832.9	242.9	-682.6	2085.7	-9.9
-20.45		3433	1819.0	242.9	-682.6	2073.5	-11.6
-18.26		3464	1819.0	-24.8	-682.6	2044.2	-249.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.29		Cent	-147996.2	-14907.6	-3980.0	-14788.7	-148115.1
-89.74		3465	-214421.6	-910.7	-987.1	-906.1	-214426.2
87.85		3434	-82563.8	-23861.3	2207.0	-23778.5	-82646.6
-87.16		3433	-61951.1	-16670.2	-2255.1	-16558.2	-62063.1
-88.55		3464	-233048.2	-18188.1	-5449.2	-18050.0	-233186.4
		NODE	Vxx	Vyy			
		Cent	-158.0	20.7			
		3465	-140.4	53.4			
		3434	-140.4	-12.1			
		3433	-175.7	-12.1			
		3464	-175.7	53.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-7.35	INV TO~1	Max Cent	5186.4	276.0	-647.2	5269.8	187.3
-6.91		3465	5240.8	2.7	-647.2	5319.3	-80.8
-7.78		3434	5240.8	616.4	-647.2	5329.3	521.9
-7.96		3433	5132.5	616.4	-647.2	5222.9	520.5
-7.05		3464	5132.5	2.7	-647.2	5212.5	-81.9
-33.26	Min	Cent	1678.1	66.0	-1828.5	2877.5	-1109.4
-31.74		3465	1666.8	-181.6	-1828.5	2797.9	-1288.9
-34.28		3434	1666.8	206.3	-1828.5	2913.1	-1015.9
-34.13		3433	1688.9	206.3	-1828.5	2928.2	-1008.9
-31.60		3464	1688.9	-181.6	-1828.5	2814.0	-1282.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
57.64          Max   Cent   -68563.4    700.1    84469.6    47145.2   -115008.5
68.95          3465   -74082.1    55026.0    74840.6    77469.7   -96525.8
35.84          3434   49037.0    -16681.9    83404.2    98797.9   -76919.8
28.88          3433   83698.0    -10752.3    74887.7    125007.5  -52061.7
66.72          3464  -106833.1    2700.2     77102.0    27578.5  -131711.4
-67.46         Min   Cent   -454005.6  -281388.3  -97727.6  -245455.8  -489938.0
-83.00          3465  -723558.9  -316456.2  -67264.4  -310226.2  -729788.9
-52.34          3434  -378588.4  -315203.9  -101048.5 -237203.9  -446111.5
-53.05          3433  -332812.3  -268343.0  -111618.0 -184398.3  -416757.0
-82.73          3464  -750102.4  -289443.8  -79026.1  -281819.9  -757726.3
    
```

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          NODE      Vxx      Vyy
-----
Max   Cent      -83.9      81.2
      3465      120.1     175.6
      3434      120.1       2.2
      3433       83.7       2.2
      3464       83.7     175.6
Min   Cent     -481.6    -157.2
      3465     -613.1    -127.3
      3434     -613.1    -197.7
      3433     -703.6    -197.7
      3464     -703.6    -127.3
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
INV TO~2 Max   Cent      9047.7    403.4    -647.2    10149.0    187.3
-18.58          3465      9105.0       2.7    -647.2    10138.0    -80.8
-17.50          3434      9105.0    1059.2    -647.2    10270.3    521.9
-19.58          3433      8990.3    1059.2    -647.2    10168.6    520.5
-19.78          3464      8990.3       2.7    -647.2    10033.8    -81.9
-17.67         Min   Cent      1678.1     66.0    -3276.2    2877.5    -1109.4
-33.26          3465      1666.8    -252.3    -3276.2    2797.9    -1288.9
-31.74          3434      1666.8     206.3    -3276.2    2913.1    -1015.9
-34.28          3433      1688.9     206.3    -3276.2    2928.2    -1008.9
-34.13          3464      1688.9    -252.3    -3276.2    2814.0    -1295.8
-31.60
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
Max   Cent   -68563.4    700.1    84469.6    47145.2   -115008.5
57.64          3465   -74082.1    88559.6    74840.6    88569.2   -96525.8
-89.83
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

35.84			3434	49037.0	-16681.9	83404.2	98797.9	-76919.8
28.88			3433	83698.0	-10752.3	74887.7	125007.5	-52061.7
66.72			3464	-106833.1	2700.2	77102.0	27578.5	-131711.4
-67.46	Min	Cent		-725616.8	-281388.3	-97727.6	-245455.8	-726188.3
-83.00			3465	-1048904.0	-316456.2	-67264.4	-310226.2	-1048913.6
-52.34			3434	-407131.1	-315203.9	-101048.5	-237203.9	-446111.5
-53.05			3433	-332812.3	-268343.0	-111618.0	-184398.3	-416757.0
-82.73			3464	-1158543.5	-289443.8	-79026.1	-281819.9	-1159249.6

	NODE	Vxx	Vyy
Max	Cent	-83.9	140.7
	3465	120.1	313.3
	3434	120.1	2.2
	3433	83.7	2.2
	3464	83.7	313.3
Min	Cent	-794.4	-157.2
	3465	-690.4	-127.3
	3434	-690.4	-197.7
	3433	-898.5	-197.7
	3464	-898.5	-127.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4765	1	4	c mob-a	Max	Cent	3559.1	13.7	17.7	3559.2	13.6
0.29					3496	3582.8	23.6	17.7	3582.9	23.6
0.28					3465	3582.8	174.0	17.7	3582.9	173.9
0.30					3464	3535.9	174.0	17.7	3536.0	173.9
0.30					3495	3535.9	23.6	17.7	3536.0	23.6
0.29				Min	Cent	-55.9	-205.2	-753.6	626.7	-887.8
-42.17					3496	-69.1	-552.4	-753.6	480.6	-1102.1
-36.11					3465	-69.1	-11.7	-753.6	713.7	-794.5
-46.09					3464	-43.5	-11.7	-753.6	726.2	-781.3
-45.60					3495	-43.5	-552.4	-753.6	497.4	-1093.3
-35.67										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	24480.6	9237.1	55773.9	73151.1	-39433.5
	3496	18755.8	25112.8	58482.5	80503.2	-36634.5
	3465	75228.8	20434.9	57692.1	111698.7	-16035.0
	3464	55867.8	8457.1	57259.3	94134.8	-29809.8
	3495	56207.1	17438.1	63097.4	102830.5	-29185.3

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36.46								
	Min	Cent	-564588.5	-128259.8	-39828.4	-124654.1	-568194.3	
-84.83			3496	-839098.7	-212549.9	-74354.3	-203847.0	-847801.6
-83.32			3465	-376956.4	-129670.7	-35850.4	-124578.2	-382049.0
-81.92			3464	-375589.9	-109272.5	-41223.2	-103037.5	-381824.9
-81.40			3495	-718106.1	-118247.0	-78557.4	-108129.8	-728223.3
-82.66								

	NODE	Vxx	Vyy
Max	Cent	23.3	18.4
	3496	88.8	21.4
	3465	88.8	90.5
	3464	144.9	90.5
	3495	144.9	21.4
Min	Cent	-453.1	-152.1
	3496	-533.1	-276.6
	3465	-533.1	-116.2
	3464	-486.3	-116.2
	3495	-486.3	-276.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.37	c mob-b	Max	Cent	3454.8	16.1	22.0	3454.9	16.0
			3496	3481.3	27.7	22.0	3481.4	27.5
0.36			3465	3481.3	174.1	22.0	3481.4	174.0
0.38			3464	3428.7	174.1	22.0	3428.8	174.0
0.39			3495	3428.7	27.7	22.0	3428.8	27.5
0.37		Min	Cent	-63.9	-190.5	-729.5	605.0	-859.4
-42.52			3496	-84.8	-522.0	-729.5	458.2	-1064.9
-36.66			3465	-84.8	-10.2	-729.5	683.0	-777.9
-46.46			3464	-43.2	-10.2	-729.5	703.0	-756.4
-45.65			3495	-43.2	-522.0	-729.5	485.2	-1050.4
-35.92								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
41.78	Max	Cent	26850.0	10892.1	70786.1	90105.5	-52363.3	
			3496	33788.8	30094.7	60672.3	92642.1	-28758.7
44.13			3465	89474.1	20937.4	82462.5	144505.1	-34093.6
33.72			3464	106612.3	9342.6	83846.9	154908.6	-38953.8
29.94			3495	87459.5	23739.3	60149.5	123665.7	-12466.9
31.05		Min	Cent	-546522.0	-156878.5	-74619.4	-143077.2	-560323.3
-79.52			3496	-814741.3	-246324.3	-104598.3	-227687.4	-833378.1
-79.90								

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	Company		Client	
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-77.84		3465	-415680.7	-150731.4	-59886.0	-137824.3	-428587.8
-76.74		3464	-385484.4	-131444.0	-63374.4	-116511.9	-400416.4
-79.10		3495	-702113.1	-157526.9	-108962.1	-136534.7	-723105.3

	NODE	Vxx	Vyy
Max	Cent	44.8	21.7
	3496	164.4	23.6
	3465	164.4	90.5
	3464	218.2	90.5
	3495	218.2	23.6
Min	Cent	-467.4	-139.7
	3496	-564.4	-285.0
	3465	-564.4	-90.6
	3464	-588.4	-90.6
	3495	-588.4	-285.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-11.06	pp	Cent	10048.1	-502.8	-2143.3	10466.9	-921.5
-10.16		3496	10085.3	-1487.9	-2143.3	10469.5	-1872.0
-12.03		3465	10085.3	482.3	-2143.3	10542.0	25.7
-12.11		3464	10010.9	482.3	-2143.3	10470.8	22.4
-10.22		3495	10010.9	-1487.9	-2143.3	10397.4	-1874.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-90.00	Cent	-1599215.8	-107943.7	-78.6	-107943.7	-1599215.8
-86.41	3496	-2370860.0	-303474.1	-130339.1	-295289.2	-2379044.8
84.86	3465	-990994.8	22794.0	91973.8	31070.5	-999271.4
84.95	3464	-1020854.7	-42081.6	87189.5	-34375.4	-1028560.9
-85.96	3495	-2014153.5	-109013.2	-135123.4	-99477.2	-2023689.5

	NODE	Vxx	Vyy
	Cent	-1274.7	-126.5
	3496	-1460.7	-485.1
	3465	-1460.7	232.1
	3464	-1088.8	232.1
	3495	-1088.8	-485.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
77.53	vento -y	Cent	-73.3	22.3	22.2	27.3	-78.2
78.44		3496	-65.3	39.0	22.2	43.5	-69.8
		3465	-65.3	5.7	22.2	12.1	-71.7

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

73.96							
	3464	-81.3	5.7	22.2	11.1	-86.7	
76.47							
	3495	-81.3	39.0	22.2	42.9	-85.3	
79.85							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
--	------	-----	-----	-----	------	------	--

	Cent	8772.7	1472.9	1293.9	8995.2	1250.3	
9.76							
	3496	13024.9	2858.2	2047.8	13421.9	2461.2	
10.97							
	3465	6403.0	919.7	-487.8	6446.0	876.6	
-5.04							
	3464	442.7	194.8	-451.5	786.9	-149.4	
-37.33							
	3495	15220.2	1918.8	2084.1	15539.1	1599.9	
8.70							

	NODE	Vxx	Vyy
	Cent	11.5	1.8
	3496	6.9	5.4
	3465	6.9	-1.8
	3464	16.0	-1.8
	3495	16.0	5.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	cedime~1	Cent	156.8	-18.9	1.4	156.8	-19.0
0.47							
		3496	178.7	-19.1	1.4	178.7	-19.1
0.42							
		3465	178.7	-18.8	1.4	178.7	-18.8
0.42							
		3464	134.9	-18.8	1.4	134.9	-18.8
0.54							
		3495	134.9	-19.1	1.4	134.9	-19.1
0.54							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
--	------	-----	-----	-----	------	------	--

	Cent	-34206.8	-121062.9	21.8	-34206.8	-121062.9	
0.01							
	3496	-76947.0	-155483.9	-20178.1	-72066.0	-160364.8	
-13.60							
	3465	-11960.9	-104142.5	4930.8	-11697.9	-104405.5	
3.05							
	3464	-41673.7	-104046.7	8571.1	-40517.3	-105203.1	
7.68							
	3495	-6245.7	-120578.6	-16537.8	-3901.7	-122922.7	
-8.07							

	NODE	Vxx	Vyy
	Cent	-8.9	-52.8
	3496	-60.8	-81.8
	3465	-60.8	-23.8
	3464	43.0	-23.8
	3495	43.0	-81.8

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-11.40	perm	Cent	2724.6	-107.6	-595.1	2844.6	-227.6
-10.50		3496	2730.9	-370.2	-595.1	2841.2	-480.5
-12.40		3465	2730.9	155.0	-595.1	2861.7	24.1
-12.45		3464	2718.3	155.0	-595.1	2849.7	23.6
-10.54		3495	2718.3	-370.2	-595.1	2829.0	-480.9
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

89.87		Cent	-429350.8	-48036.1	848.3	-48034.2	-429352.7
-85.80		3496	-643588.3	-106868.0	-39611.4	-103960.4	-646495.9
83.76		3465	-265357.8	-11097.9	28155.6	-8017.4	-268438.3
83.78		3464	-276557.3	-26890.0	27536.1	-23889.1	-279558.2
-85.29		3495	-531899.8	-47288.5	-40231.0	-43971.4	-535217.0
		NODE	Vxx	Vyy			

		Cent	-339.1	-46.7			
		3496	-399.0	-146.7			
		3465	-399.0	53.4			
		3464	-279.2	53.4			
		3495	-279.2	-146.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-4.12	INV TO~1 Max	Cent	7686.2	-85.8	-564.0	7726.8	-127.6
-3.96		3496	7746.3	-332.9	-564.0	7785.4	-373.1
-4.35		3465	7746.3	390.0	-564.0	7789.2	345.8
-4.42		3464	7626.7	390.0	-564.0	7670.3	345.3
-4.02		3495	7626.7	-332.9	-564.0	7666.4	-373.5
-23.43	Min	Cent	2638.3	-403.5	-1612.4	3336.9	-1083.2
-20.41		3496	2616.4	-1135.1	-1612.4	3216.5	-1716.1
-26.23		3465	2616.4	120.4	-1612.4	3411.1	-655.4
-26.00		3464	2659.6	120.4	-1612.4	3445.9	-647.1
-20.25		3495	2659.6	-1135.1	-1612.4	3254.5	-1711.1
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-393103.3	-33331.7	96431.4	-9125.1	-417309.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

75.91							
		3496	-597973.4	-66240.2	42296.2	-62896.8	-601316.8
85.48							
		3465	-144567.8	17167.6	144410.8	97527.2	-224927.4
60.05							
		3464	-132630.8	-14277.4	149300.5	79211.0	-226119.2
56.40							
		3495	-413829.5	-15240.5	44950.5	-10234.1	-418835.9
83.64							
	Min	Cent	-1225752.1	-380885.0	-99887.9	-369240.9	-1237396.1
-83.35							
		3496	-1853318.5	-594889.6	-200997.2	-563565.9	-1884642.2
-81.14							
		3465	-838487.7	-318727.8	-52690.4	-314375.8	-842839.7
-84.79							
		3464	-838634.9	-308386.1	-58019.4	-303814.2	-843206.8
-84.72							
		3495	-1507588.8	-380528.4	-203867.6	-344785.5	-1543331.7
-80.06							

		NODE	Vxx	Vyy
	Max	Cent	-278.6	-17.3
		3496	-177.0	-114.9
		3465	-177.0	175.6
		3464	58.4	175.6
		3495	58.4	-114.9
	Min	Cent	-978.9	-304.8
		3496	-1221.7	-613.3
		3465	-1221.7	-127.3
		3464	-1073.5	-127.3
		3495	-1073.5	-613.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	13565.0	-85.8	-564.0	14130.3	-127.6
-11.06								
			3496	13615.2	-332.9	-564.0	14133.8	-373.1
-10.16								
			3465	13615.2	651.1	-564.0	14231.7	345.8
-12.03								
			3464	13514.8	651.1	-564.0	14135.6	345.3
-12.11								
			3495	13514.8	-332.9	-564.0	14036.5	-373.5
-10.22								
		Min	Cent	2638.3	-678.7	-2893.4	3336.9	-1244.1
-23.43								
			3496	2616.4	-2008.6	-2893.4	3216.5	-2527.3
-20.41								
			3465	2616.4	120.4	-2893.4	3411.1	-655.4
-26.23								
			3464	2659.6	120.4	-2893.4	3445.9	-647.1
-26.00								
			3495	2659.6	-2008.6	-2893.4	3254.5	-2530.4
-20.25								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	-393103.3	-33331.7	96431.4	-9125.1	-417309.9
75.91								
			3496	-597973.4	-66240.2	42296.2	-62896.8	-601316.8
85.48								
			3465	-144567.8	30771.8	144410.8	97527.2	-224927.4
60.05								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

56.40		3464	-132630.8	-14277.4	149300.5	79211.0	-226119.2
83.64		3495	-413829.5	-15240.5	44950.5	-10234.1	-418835.9
-83.35	Min	Cent	-2158941.3	-380885.0	-99887.9	-369240.9	-2158941.3
-81.14		3496	-3200660.9	-594889.6	-200997.2	-563565.9	-3211710.5
-84.79		3465	-1337843.0	-318727.8	-52690.4	-314375.8	-1349016.3
-84.72		3464	-1378153.9	-308386.1	-58019.4	-303814.2	-1388557.3
-80.06		3495	-2719107.2	-380528.4	-203867.6	-344785.5	-2731980.8

	NODE	Vxx	Vyy
Max	Cent	-278.6	-17.3
	3496	-177.0	-114.9
	3465	-177.0	313.3
	3464	58.4	313.3
	3495	58.4	-114.9
Min	Cent	-1720.9	-304.8
	3496	-1971.9	-654.9
	3465	-1971.9	-127.3
	3464	-1469.9	-127.3
	3495	-1469.9	-654.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4842	1	4	c mob-a	Max	Cent	3525.5	29.8	744.4	3677.4	-122.1
11.53					5932	3554.3	198.9	744.4	3712.0	41.2
11.96					5897	3554.3	26.3	744.4	3704.9	-124.3
11.44					5896	3497.2	26.3	744.4	3650.1	-126.6
11.61					5931	3497.2	198.9	744.4	3657.4	38.7
12.15				Min	Cent	-68.7	-251.7	-17.5	-67.1	-253.4
-5.42					5932	-94.2	-28.5	-17.5	-24.2	-98.6
-75.97					5897	-94.2	-620.8	-17.5	-93.6	-621.3
-1.90					5896	-44.8	-620.8	-17.5	-44.3	-621.3
-1.74					5931	-44.8	-28.5	-17.5	-17.4	-56.0
-57.49										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	24477.8	9248.1	94840.6	112008.7	-78282.8
42.70					5932	114093.9	19134.0	75370.2	155692.6	-22464.8
28.90					5897	41990.9	25035.4	108604.1	142447.6	-75421.3
42.77					5896	136193.5	17897.1	113027.7	204614.0	-50523.4
31.19					5931	114118.1	8430.0	79523.1	156754.0	-34205.9
28.20				Min	Cent	-569989.2	-285651.7	-80907.4	-264241.8	-591399.1

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-75.18							
	5932	-399247.1	-285703.5	-94310.4	-232395.8	-452554.8	
-60.52							
	5897	-848615.0	-404249.2	-64665.0	-395030.3	-857833.9	
-81.89							
	5896	-726766.5	-281259.0	-73930.0	-269311.1	-738714.4	
-80.82							
	5931	-391079.3	-231311.7	-100355.6	-182927.5	-439463.5	
-64.26							

	NODE	Vxx	Vyy
Max	Cent	459.1	18.4
	5932	608.6	91.0
	5897	608.6	21.4
	5896	592.7	21.4
	5931	592.7	91.0
Min	Cent	-34.5	-228.0
	5932	-170.6	-161.9
	5897	-170.6	-374.3
	5896	-307.4	-374.3
	5931	-307.4	-161.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	3432.8	59.9	723.5	3581.4	-88.7
11.61			5932	3462.0	214.8	723.5	3615.9	60.9
12.01			5897	3462.0	29.7	723.5	3608.2	-116.6
11.43			5896	3404.0	29.7	723.5	3552.5	-118.9
11.61			5931	3404.0	214.8	723.5	3560.4	58.4
12.20		Min	Cent	-28.9	-233.8	-15.7	-27.7	-235.0
-4.36			5932	-28.9	-15.1	-15.7	-4.8	-39.1
-56.84			5897	-28.9	-586.7	-15.7	-28.4	-587.1
-1.61			5896	-30.4	-586.7	-15.7	-30.0	-587.1
-1.62			5931	-30.4	-15.1	-15.7	-5.3	-40.2
-58.00								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	9376.1	12898.2	20749.1	31960.9	-9686.5
47.43		5932	87403.1	19655.6	36799.7	103545.8	3512.9
23.69		5897	9088.8	32129.0	79760.6	101197.1	-59979.4
49.11		5896	152126.0	24677.5	76519.6	187981.0	-11177.5
25.11		5931	14575.6	10395.8	37208.1	49752.5	-24781.1
43.39	Min	Cent	-551951.9	-183906.2	-88104.5	-163902.6	-571955.6
-77.21		5932	-345477.3	-118970.6	-108832.4	-75154.5	-389293.4
-68.07		5897	-839453.6	-321635.6	-49951.7	-316861.0	-844228.2
-84.54							

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-84.26	5896	-704210.7	-189968.3	-52241.9	-184714.7	-709464.3
-69.79	5931	-409444.6	-139939.3	-114767.1	-97689.7	-451694.1

	NODE	Vxx	Vyy
Max	Cent	441.6	20.9
	5932	626.7	91.0
	5897	626.7	23.4
	5896	448.4	23.4
Min	5931	448.4	91.0
	Cent	-35.9	-137.4
	5932	-42.6	-54.8
	5897	-42.6	-289.3
	5896	-337.7	-289.3
5931	-337.7	-54.8	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
10.86	pp	Cent	9944.5	-605.5	2101.3	10347.6	-1008.6
11.89		5932	9998.5	462.2	2101.3	10441.0	19.8
9.90		5897	9998.5	-1673.3	2101.3	10365.2	-2040.0
9.99		5896	9890.6	-1673.3	2101.3	10260.6	-2043.3
12.01		5931	9890.6	462.2	2101.3	10337.7	15.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
89.79	Cent	-1612394.0	-117756.1	5606.0	-117735.1	-1612415.0
-84.87	5932	-1005958.2	14006.9	-92382.6	22306.9	-1014258.1
86.18	5897	-2389029.3	-317544.4	138986.9	-308260.6	-2398313.1
85.75	5896	-2038615.4	-120618.2	143442.7	-109949.8	-2049283.8
-84.86	5931	-1015973.1	-46868.7	-87926.8	-38955.7	-1023886.1

	NODE	Vxx	Vyy
	Cent	1291.5	-133.9
	5932	1463.1	232.0
	5897	1463.1	-499.8
	5896	1119.9	-499.8
	5931	1119.9	232.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-77.95	vento -y	Cent	-69.4	22.8	-20.6	27.2	-73.8
-74.55		5932	-62.2	6.7	-20.6	12.4	-67.9
		5897	-62.2	38.9	-20.6	42.9	-66.3
-78.91		5896	-76.6	38.9	-20.6	42.5	-80.2

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-80.18
-76.83

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

Cent 8398.2 1392.3 -1169.5 8588.3 1202.2
-9.23
5932 6073.2 859.8 517.6 6124.1 808.9
5.62
5897 12533.8 2728.3 -1920.2 12896.5 2365.7
-10.69
5896 14419.8 1778.5 -1956.5 14715.7 1482.6
-8.60
5931 565.9 202.6 481.3 898.7 -130.2
34.66

NODE Vxx Vyy

Cent -10.9 1.7
5932 -6.8 -1.8
5897 -6.8 5.2
5896 -15.0 5.2
5931 -15.0 -1.8

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

cedime~1 Cent 226.8 -9.5 7.2 227.1 -9.7
1.75
5932 249.4 -11.5 7.2 249.6 -11.7
1.59
5897 249.4 -7.5 7.2 249.6 -7.7
1.61
5896 204.3 -7.5 7.2 204.5 -7.7
1.95
5931 204.3 -11.5 7.2 204.5 -11.7
1.92

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

Cent -43216.7 -126207.0 -1045.9 -43203.5 -126220.2
-0.72
5932 -16161.0 -108038.1 -7101.3 -15615.4 -108583.7
-4.39
5897 -94083.4 -163373.2 22465.9 -87436.8 -170019.7
16.48
5896 -11181.7 -124516.3 18740.0 -8163.4 -127534.6
9.15
5931 -51440.8 -108900.6 -10827.2 -49468.3 -110873.0
-10.32

NODE Vxx Vyy

Cent 13.0 -56.1
5932 74.3 -24.4
5897 74.3 -87.8
5896 -48.2 -87.8
5931 -48.2 -24.4

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

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	perm	Cent	2701.7	-125.5	578.0	2815.3	-239.1	
11.12		5932	2711.5	165.1	578.0	2836.6	40.0	
12.21		5897	2711.5	-416.2	578.0	2815.0	-519.6	
10.14		5896	2691.9	-416.2	578.0	2795.9	-520.2	
10.20		5931	2691.9	165.1	578.0	2817.8	39.2	
12.29								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-434893.6	-45540.0	978.9	-45537.6	-434896.1	
89.86		5932	-271812.6	-8689.6	-28194.4	-5702.4	-274799.8	
-83.95		5897	-649654.1	-104343.8	41675.1	-101177.2	-652820.7	
85.65		5896	-543174.8	-45664.1	42342.6	-42086.1	-546752.8	
85.17		5931	-274933.0	-23462.6	-27526.9	-20484.6	-277910.9	
-83.83								
		NODE	Vxx	Vyy				
		Cent	345.8	-45.8				
		5932	398.6	55.7				
		5897	398.6	-147.3				
		5896	293.1	-147.3				
		5931	293.1	55.7				

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	7688.0	-44.7	1590.2	8001.8	-364.8
11.17			5932	7759.2	455.2	1590.2	8089.9	116.3
11.75			5897	7759.2	-376.0	1590.2	8058.7	-681.9
10.67			5896	7617.4	-376.0	1590.2	7921.9	-685.4
10.84			5931	7617.4	455.2	1590.2	7954.1	112.0
11.95		Min	Cent	2608.9	-474.8	554.4	2705.9	-567.5
9.92			5932	2584.4	115.1	554.4	2703.6	3.7
12.14			5897	2584.4	-1261.7	554.4	2662.8	-1337.3
8.06			5896	2631.3	-1261.7	554.4	2708.9	-1337.3
7.96			5931	2631.3	115.1	554.4	2748.6	3.7
11.94								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	-401848.5	-28127.4	129013.7	12083.4	-442059.3
72.69			5932	-117785.8	17845.5	73555.4	50076.6	-150016.9

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66.34							
		5897	-592966.3	-60969.6	210756.5	-1071.5	-652864.4
72.35							
		5896	-337804.7	-12349.4	213669.9	78848.1	-429002.2
64.93							
		5931	-120873.5	-9428.3	79829.3	32202.7	-162504.5
62.46							
	Min	Cent	-1247595.7	-557376.8	-119008.1	-537433.6	-1267539.0
-80.49							
		5932	-826957.1	-502427.4	-182219.4	-420696.8	-908687.7
-65.84							
		5897	-1889367.7	-813453.4	-45622.6	-812955.2	-1889865.9
-88.77							
		5896	-1535491.3	-549880.0	-57462.9	-548361.0	-1537010.3
-87.75							
		5931	-879123.9	-444633.9	-193289.7	-371093.2	-952664.6
-69.17							

	NODE	Vxx	Vyy
Max	Cent	978.6	-17.6
	5932	1318.9	178.6
	5897	1318.9	-115.7
	5896	1093.3	-115.7
	5931	1093.3	178.6
Min	Cent	297.4	-409.7
	5932	168.3	-187.2
	5897	168.3	-740.4
	5896	-210.9	-740.4
	5931	-210.9	-187.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	13425.1	-44.7	2836.7	13969.3	-364.8
10.86								
			5932	13497.9	624.0	2836.7	14095.3	116.3
11.89								
			5897	13497.9	-376.0	2836.7	13993.1	-681.9
9.90								
			5896	13352.3	-376.0	2836.7	13851.8	-685.4
9.99								
			5931	13352.3	624.0	2836.7	13955.9	112.0
12.01								
		Min	Cent	2608.9	-817.4	554.4	2705.9	-1361.7
9.92								
			5932	2584.4	115.1	554.4	2703.6	3.7
12.14								
			5897	2584.4	-2258.9	554.4	2662.8	-2754.1
8.06								
			5896	2631.3	-2258.9	554.4	2708.9	-2758.4
7.96								
			5931	2631.3	115.1	554.4	2748.6	3.7
11.94								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	-401848.5	-28127.4	129013.7	12083.4	-442059.3
72.69							
		5932	-117785.8	18909.3	73555.4	50076.6	-150016.9
66.34							
		5897	-592966.3	-60969.6	210756.5	-1071.5	-652864.4
72.35							
		5896	-337804.7	-12349.4	213669.9	78848.1	-429002.2
64.93							

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62.46			5931	-120873.5	-9428.3	79829.3	32202.7	-162504.5
-80.49	Min	Cent	5932	-2176731.9	-557376.8	-119008.1	-537433.6	-2176760.3
-65.84			5932	-1358043.5	-502427.4	-182219.4	-420696.8	-1369248.5
-88.77			5897	-3225189.6	-813453.4	-45622.6	-812955.2	-3237722.7
-87.75			5896	-2752130.8	-549880.0	-57462.9	-548361.0	-2766533.1
-69.17			5931	-1371563.7	-444633.9	-193289.7	-371093.2	-1382246.2

	NODE	Vxx	Vyy
Max	Cent	1743.5	-17.6
	5932	1975.1	313.1
	5897	1975.1	-115.7
	5896	1511.8	-115.7
	5931	1511.8	313.1
Min	Cent	297.4	-409.7
	5932	168.3	-187.2
	5897	168.3	-740.4
	5896	-210.9	-740.4
	5931	-210.9	-187.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4843	1	4	c mob-a	Max	Cent	2338.1	171.1	831.8	2620.6	-111.4
18.76					5968	2364.1	336.6	831.8	2661.7	39.0
19.69					5932	2364.1	58.2	831.8	2632.9	-210.5
17.91					5931	2312.6	58.2	831.8	2586.3	-215.5
18.21					5967	2312.6	336.6	831.8	2616.1	33.0
20.05				Min	Cent	-111.8	-21.4	-16.2	-18.6	-114.6
-80.12					5968	-122.3	-12.9	-16.2	-10.5	-124.7
-81.74					5932	-122.3	-126.3	-16.2	-108.0	-140.7
-41.49					5931	-101.7	-126.3	-16.2	-93.7	-134.4
-26.41					5967	-101.7	-12.9	-16.2	-10.0	-104.6

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
33.69	Max	Cent	57920.1	10726.7	56625.4	95668.6	-27021.9
29.69		5968	110304.1	5263.3	88724.2	160887.4	-45320.0
22.65		5932	106176.3	40648.0	33114.6	119996.2	26828.1
21.72		5931	93245.0	9843.3	39481.7	108970.4	-5882.1
33.18		5967	87692.4	5215.8	94170.1	149257.8	-56349.6
-37.06	Min	Cent	-202464.0	-239769.9	-65545.6	-152968.9	-289265.0
		5968	-173812.1	-263793.4	-56830.7	-146319.1	-291286.5

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-25.82							
	5932	-362455.4	-275512.4	-61283.9	-243847.5	-394120.4	
-62.67							
	5931	-340353.3	-240613.4	-70459.1	-204161.3	-376805.4	
-62.65							
	5967	-184437.3	-221413.6	-58217.6	-141842.7	-264008.2	
-36.19							

	NODE	Vxx	Vyy
Max	Cent	220.5	45.4
	5968	336.2	11.9
	5932	336.2	91.0
	5931	355.7	91.0
	5967	355.7	11.9
Min	Cent	-31.7	-161.5
	5968	-143.7	-169.2
	5932	-143.7	-161.9
	5931	-207.6	-161.9
	5967	-207.6	-169.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

19.05	c mob-b	Max	Cent	2279.9	201.4	814.8	2561.2	-79.9
			5968	2303.3	376.7	814.8	2601.6	78.3
20.11			5932	2303.3	94.1	814.8	2571.3	-173.9
18.21			5931	2256.7	94.1	814.8	2529.3	-178.5
18.50			5967	2256.7	376.7	814.8	2560.6	72.7
20.46		Min	Cent	-49.3	-17.4	-7.7	-15.6	-51.1
-77.13			5968	-54.1	-10.5	-7.7	-9.2	-55.5
-80.28			5932	-54.1	-116.5	-7.7	-53.2	-117.5
-6.93			5931	-44.7	-116.5	-7.7	-43.8	-117.3
-6.04			5967	-44.7	-10.5	-7.7	-8.9	-46.3
-77.86								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

32.16		Max	Cent	24320.3	11303.3	13538.1	32833.1	2790.5
			5968	62353.0	5669.7	14583.4	65884.9	2137.8
13.61			5932	16010.2	41368.0	25180.5	56881.5	496.7
58.36			5931	71455.5	14807.4	27029.2	82282.8	3980.1
21.83			5967	26159.3	6024.3	15090.5	34232.3	-2048.7
28.15		Min	Cent	-200985.3	-102285.2	-55252.6	-77552.3	-225718.2
-65.89			5968	-107580.5	-69073.9	-66158.5	-19424.1	-157230.3
-53.11			5932	-356877.7	-153850.7	-23100.2	-151255.6	-359472.8
-83.59			5931	-299051.9	-114155.7	-27469.4	-110161.0	-303046.7
-81.73								

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-65.31

ANGLE NODE Mxx Myy Mxy Mmax Mmin

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Cent      98.8    216.1   -2342.1   2500.3   -2185.4
5968     1957.6   867.3    -764.7   2351.6    473.3
5932    -1124.9   -579.8   -1824.3    992.2   -2696.9
5931     6189.8   1327.4   -1895.9   6841.6    675.5
5967    -6627.2   -750.6    -836.3   -633.8   -6743.9
    
```

NODE Vxx Vyy

```

-----
Cent      -4.9    -1.1
5968         2.9    -0.4
5932         2.9    -1.8
5931     -12.8    -1.8
5967     -12.8    -0.4
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

```

-----
cedime~1 Cent      187.0   -23.2     4.2    187.0   -23.3
1.14      5968     206.3   -26.9     4.2    206.4   -27.0
1.03      5932     206.3   -19.5     4.2    206.4   -19.5
1.06      5931     167.6   -19.5     4.2    167.7   -19.6
1.28      5967     167.6   -26.9     4.2    167.7   -27.0
1.23
    
```

ANGLE NODE Mxx Myy Mxy Mmax Mmin

```

-----
Cent    -40552.9  -96830.9  -12574.3  -37871.2  -99512.6
-12.04  5968     10147.7  -75190.1   10873.1   11511.3  -76553.6
7.15    5932    -73701.4 -119546.2 -17477.8  -67798.3 -125449.3
-18.66  5931    -29470.8 -104506.6 -20304.1  -24329.0 -109648.4
-14.21  5967    -69187.2  -88080.9   8046.8   -66224.6  -91043.5
20.21
    
```


NODE Vxx Vyy

```

-----
Cent      16.4    -18.1
5968      77.1    -11.7
5932      77.1    -24.4
5931     -44.2    -24.4
5967     -44.2    -11.7
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

		Company				Client		
		Author				File Name	impalcatoUP8-UP9-rev6-OUT.anl	
19.56	perm	Cent	1779.9	138.8	667.5	2017.1	-98.4	
20.92		5968	1788.1	296.9	667.5	2043.2	41.8	
18.23		5932	1788.1	-19.2	667.5	2007.9	-239.0	
18.35		5931	1771.7	-19.2	667.5	1993.1	-240.6	
21.08		5967	1771.7	296.9	667.5	2029.0	39.7	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
87.14		Cent	-148050.7	-12044.4	6807.5	-11704.5	-148390.6	
-88.89		5968	-86409.6	-22109.0	-1247.3	-22084.8	-86433.8	
89.20		5932	-211270.7	3418.8	2995.1	3460.5	-211312.4	
88.06		5931	-239405.7	-16357.1	7571.7	-16100.4	-239662.4	
85.49		5967	-55116.8	-13130.3	3329.3	-12868.0	-55379.1	
		NODE	Vxx	Vyy				
		Cent	161.3	22.5				
		5968	133.7	-10.7				
		5932	133.7	55.7				
		5931	188.9	55.7				
		5967	188.9	-10.7				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
18.58	INV TO~1	Max	Cent	5123.3	410.7	1794.6	5726.6	-127.4
19.58			5968	5185.9	805.4	1794.6	5824.2	142.7
17.58			5932	5185.9	107.8	1794.6	5754.3	-396.2
17.91			5931	5061.4	107.8	1794.6	5641.4	-395.1
19.98			5967	5061.4	805.4	1794.6	5713.9	132.2
20.18		Min	Cent	1628.9	86.7	645.6	1866.2	-215.7
21.93			5968	1622.9	252.6	645.6	1882.9	19.3
17.73			5932	1622.9	-209.3	645.6	1829.3	-480.1
17.65			5931	1634.4	-209.3	645.6	1839.8	-491.6
21.81			5967	1634.4	252.6	645.6	1892.8	16.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
56.85		Max	Cent	-69858.6	3215.0	83251.8	57594.7	-124238.2
36.01			5968	72648.6	-14455.0	129403.4	148642.4	-100596.4
			5932	-67932.6	59265.6	47699.8	75165.6	-83832.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

71.56								
		5931	-113524.9	3632.8	60872.1	29534.1	-139426.1	
66.95								
		5967	63267.9	-4997.5	138505.8	163985.4	-105715.0	
37.67								
	Min	Cent	-461930.0	-432564.7	-94253.3	-351857.3	-542637.4	
-49.43								
		5968	-321056.0	-453420.2	-90561.3	-275264.2	-489064.3	
-24.10								
		5932	-774287.0	-488069.2	-97216.0	-458172.0	-804184.1	
-72.91								
		5931	-728353.4	-445691.8	-107852.2	-409240.5	-764804.8	
-71.33								
		5967	-373294.2	-400119.6	-84047.2	-309532.0	-463881.8	
-40.00								

		NODE	Vxx	Vyy
	Max	Cent	475.5	83.8
		5968	664.7	5.4
		5932	664.7	178.6
		5931	669.1	178.6
		5967	669.1	5.4
	Min	Cent	118.6	-213.6
		5968	-60.3	-250.8
		5932	-60.3	-187.2
		5931	-135.6	-187.2
		5967	-135.6	-250.8

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~2	Max	Cent	8832.6	460.8	3193.6	9911.8	-127.4
18.67								
			5968	8909.7	1216.1	3193.6	10062.6	142.7
19.85								
			5932	8909.7	107.8	3193.6	9909.3	-396.2
17.38								
			5931	8755.4	107.8	3193.6	9768.9	-395.1
17.61								
			5967	8755.4	1216.1	3193.6	9926.4	132.2
20.14								
		Min	Cent	1628.9	86.7	645.6	1866.2	-618.4
20.18								
			5968	1622.9	252.6	645.6	1882.9	19.3
21.93								
			5932	1622.9	-294.5	645.6	1829.3	-1294.1
17.73								
			5931	1634.4	-294.5	645.6	1839.8	-1308.0
17.65								
			5967	1634.4	252.6	645.6	1892.8	16.2
21.81								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	-69858.6	3215.0	83251.8	57594.7	-124238.2
56.85								
			5968	72648.6	-14455.0	129403.4	148642.4	-100596.4
36.01								
			5932	-67932.6	82067.8	47699.8	82124.7	-83832.7
89.59								
			5931	-113524.9	3632.8	60872.1	29534.1	-139426.1
66.95								
			5967	63267.9	-4997.5	138505.8	163985.4	-105715.0
37.67								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-49.43	Min	Cent	-727424.3	-432564.7	-94253.3	-351857.3	-728609.2
-24.10		5968	-416541.0	-453420.2	-90561.3	-275264.2	-489064.3
-72.91		5932	-1042251.5	-488069.2	-97216.0	-458172.0	-1042308.5
-71.33		5931	-1181357.6	-445691.8	-107852.2	-409240.5	-1182291.9
-40.00		5967	-373294.2	-400119.6	-84047.2	-309532.0	-463881.8

	NODE	Vxx	Vyy
Max	Cent	806.3	141.1
	5968	674.0	5.4
	5932	674.0	313.1
	5931	938.6	313.1
	5967	938.6	5.4
Min	Cent	118.6	-213.6
	5968	-60.3	-250.8
	5932	-60.3	-187.2
	5931	-135.6	-187.2
	5967	-135.6	-250.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4928	1	16	c mob-a	Max	Cent	1334.2	201.7	49.6	1336.4	199.5
2.50					5933	1115.0	183.9	49.6	1117.6	181.3
3.04					5898	1115.0	236.7	49.6	1117.7	233.9
3.22					5897	1554.0	236.7	49.6	1555.9	234.9
2.15					5932	1554.0	183.9	49.6	1555.8	182.2
2.07				Min	Cent	-22.8	-61.8	-300.5	258.8	-343.4
-43.14					5933	-28.3	-25.7	-300.5	273.5	-327.5
-45.12					5898	-28.3	-123.6	-300.5	228.3	-380.2
-40.49					5897	-22.0	-123.6	-300.5	232.0	-377.5
-40.20					5932	-22.0	-25.7	-300.5	276.6	-324.3
-44.82										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
48.41				Max	Cent	1590.1	7233.3	23581.7	28161.6	-19338.2
35.87					5933	42146.2	26338.4	23968.8	59480.6	9003.9
23.58					5898	59837.2	11897.9	25857.4	71125.9	609.3
54.67					5897	7354.1	24641.8	24640.2	42110.4	-10114.4
56.55					5932	23907.3	44877.1	24593.0	61127.0	7657.4
-37.13				Min	Cent	-65388.1	-78714.4	-23626.2	-47503.4	-96599.1
-46.69					5933	-60024.1	-55804.3	-35630.6	-22221.2	-93607.1
					5898	-175071.2	-44234.9	-22284.2	-40543.6	-178762.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-80.59
 -13.79
 -13.53

	NODE	Vxx	Vyy
Max	Cent	148.0	179.8
	5933	198.6	172.4
	5898	198.6	227.9
	5897	130.9	227.9
	5932	130.9	172.4
Min	Cent	-58.3	-59.2
	5933	-95.5	-61.7
	5898	-95.5	-69.3
	5897	-36.7	-69.3
	5932	-36.7	-61.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2.44	c mob-b	Max	Cent	1299.7	167.3	48.4	1301.8	165.2
3.01			5933	1082.8	166.2	48.4	1085.3	163.7
3.11			5898	1082.8	196.0	48.4	1085.4	193.4
2.10			5897	1516.9	196.0	48.4	1518.6	194.2
2.05			5932	1516.9	166.2	48.4	1518.6	164.5
-43.09		Min	Cent	-15.1	-51.7	-273.5	240.7	-307.6
-44.70			5933	-19.9	-25.7	-273.5	250.7	-296.4
-40.54			5898	-19.9	-105.7	-273.5	214.1	-339.7
-40.19			5897	-13.0	-105.7	-273.5	218.1	-336.8
-44.33			5932	-13.0	-25.7	-273.5	254.2	-293.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
55.14	Max	Cent	906.4	7966.7	9550.9	14619.0	-5745.9	
20.04		5933	33605.4	10464.3	9739.4	37158.8	6910.9	
24.58		5898	34255.9	4516.7	17204.0	42125.8	-3353.2	
64.75		5897	6393.0	29297.5	13888.5	35846.5	-156.0	
73.24		5932	25181.5	42768.2	5824.7	44522.4	23427.3	
-51.45		Min	Cent	-64743.1	-53091.3	-25455.2	-32803.8	-85030.6
-50.14			5933	-47765.8	-34721.9	-35986.3	-4671.3	-77816.3
-80.94			5898	-185157.7	-45017.3	-22923.8	-41362.8	-188812.2
-37.23			5897	-118528.6	-127953.9	-16944.0	-105654.1	-140828.4
-20.13			5932	-8065.7	-80064.3	-30494.2	3113.9	-91243.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	154.3	110.3
	5933	201.5	94.9
	5898	201.5	172.1
	5897	134.8	172.1
	5932	134.8	94.9
Min	Cent	-17.8	-60.8
	5933	-60.1	-59.7
	5898	-60.1	-74.9
	5897	-9.2	-74.9
	5932	-9.2	-59.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.01	pp	Cent	3742.5	83.8	-666.9	3860.3	-33.9
-12.56		5933	3116.8	271.4	-666.9	3265.4	122.8
-11.25		5898	3116.8	-103.7	-666.9	3249.4	-236.3
-8.30		5897	4368.2	-103.7	-666.9	4465.5	-201.0
-9.02		5932	4368.2	271.4	-666.9	4474.0	165.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
86.64	Cent	-182671.9	-3319.0	10558.6	-2699.5	-183291.4
-78.15	5933	-82680.9	-23447.0	-12999.0	-20719.9	-85408.0
82.50	5898	-402798.8	-89282.5	42013.5	-83750.0	-408331.2
82.93	5897	-275318.5	-5685.5	33967.2	-1472.3	-279531.7
-75.35	5932	30110.6	105139.0	-21045.2	110638.9	24610.6

	NODE	Vxx	Vyy
	Cent	327.9	-121.7
	5933	341.1	-157.2
	5898	341.1	-86.2
	5897	314.7	-86.2
	5932	314.7	-157.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-86.08	vento -y	Cent	-19.8	18.4	-2.6	18.6	-20.0
-83.53		5933	-14.6	8.3	-2.6	8.6	-14.9
-86.52		5898	-14.6	28.6	-2.6	28.7	-14.7
-87.20		5897	-25.0	28.6	-2.6	28.7	-25.2
-85.52		5932	-25.0	8.3	-2.6	8.5	-25.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-21.16		Cent	542.9	-623.4	-531.1	748.5	-829.0
-28.72		5933	234.3	-462.2	-545.6	533.3	-761.2
-15.87		5898	749.7	-858.2	-497.1	890.9	-999.4
-16.44		5897	1359.5	-31.9	-449.7	1492.2	-164.6
-22.89		5932	-171.8	-1141.2	-498.1	38.5	-1351.5

NODE	Vxx	Vyy
Cent	-1.1	-0.1
5933	-0.7	0.9
5898	-0.7	-1.0
5897	-1.5	-1.0
5932	-1.5	0.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.56	cedime~1	Cent	110.9	112.0	27.8	139.3	83.6
24.83		5933	91.4	44.1	27.8	104.2	31.2
73.92		5898	91.4	179.9	27.8	187.9	83.4
65.81		5897	130.4	179.9	27.8	192.4	117.9
16.40		5932	130.4	44.1	27.8	138.6	35.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
11.64		Cent	-7267.3	-36824.8	6357.0	-5958.1	-38134.0
41.72		5933	-21313.9	-23086.8	7708.3	-14441.2	-29959.5
12.61		5898	21481.3	-275.4	5125.2	22628.2	-1422.3
1.15		5897	-26236.1	-84102.1	1165.7	-26212.7	-84125.6
5.75		5932	-3000.6	-39834.9	3748.8	-2623.0	-40212.6

NODE	Vxx	Vyy
Cent	-13.3	70.2
5933	-42.5	30.3
5898	-42.5	110.2
5897	16.0	110.2
5932	16.0	30.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.10	perm	Cent	1015.3	66.7	-156.0	1040.3	41.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-11.63		5933	840.6	114.6	-156.0	872.7	82.5
-10.40		5898	840.6	18.8	-156.0	869.2	-9.9
-7.46		5897	1190.1	18.8	-156.0	1210.5	-1.7
-8.09		5932	1190.1	114.6	-156.0	1212.3	92.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

85.86		Cent	-49818.0	-6347.7	3160.6	-6119.1	-50046.6
-78.34		5933	-23938.3	-10025.2	-2999.5	-9406.1	-24557.4
82.22		5898	-105770.1	-24876.1	11255.2	-23339.3	-107306.9
82.30		5897	-76680.0	-11819.7	8933.4	-10611.8	-77888.0
-71.59		5932	7116.5	21330.3	-5321.2	23101.7	5345.1

	NODE	Vxx	Vyy
	Cent	86.7	-24.0
	5933	87.6	-37.3
	5898	87.6	-10.7
	5897	85.7	-10.7
	5932	85.7	-37.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-1.42	INV TO~1	Max	Cent	2927.4	450.9	-61.3	2929.0	449.4
-1.73			5933	2437.2	407.1	-61.3	2439.0	405.2
-1.83			5898	2437.2	518.2	-61.3	2439.1	516.3
-1.21			5897	3418.5	518.2	-61.3	3419.8	516.9
-1.17			5932	3418.5	407.1	-61.3	3419.7	405.8
-24.14		Min	Cent	984.6	-16.7	-561.7	1236.3	-268.5
-28.62			5933	802.4	79.9	-561.7	1109.0	-226.7
-24.88			5898	802.4	-148.1	-561.7	1062.9	-408.6
-20.32			5897	1160.4	-148.1	-561.7	1368.4	-356.1
-23.06			5932	1160.4	79.9	-561.7	1399.5	-159.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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63.33		Max	Cent	-47671.4	4407.4	41352.9	21988.7	-65252.7
41.40			5933	32959.0	25531.6	37066.7	58837.7	-347.0
43.44			5898	-3508.6	-8813.8	51287.9	45064.9	-57662.6
			5897	-66752.0	27731.9	43363.4	43833.8	-82854.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

69.11			5932	41111.5	81914.4	31628.1	96059.7	26966.2
63.10								
-42.65	Min	Cent		-145359.3	-149436.9	-31204.0	-122467.6	-172328.6
-50.75			5933	-126284.6	-108447.8	-51580.9	-72596.3	-162136.1
-86.65			5898	-355733.0	-85924.8	-19691.9	-85073.3	-357161.2
-12.03			5897	-262929.8	-320175.9	-13941.1	-260208.2	-322897.6
-14.19			5932	-44155.0	-202404.4	-46488.5	-33349.7	-213209.7

	NODE	Vxx	Vyy
Max	Cent	295.0	288.9
	5933	359.7	225.8
	5898	359.7	407.1
	5897	283.7	407.1
	5932	283.7	225.8
Min	Cent	-5.3	-106.1
	5933	-83.8	-120.5
	5898	-83.8	-111.8
	5897	36.2	-111.8
	5932	36.2	-120.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-10.01	INV TO~2	Max	Cent	5052.4	450.9	-61.3	5211.4	449.4
-12.56			5933	4207.7	407.1	-61.3	4408.2	405.2
-11.25			5898	4207.7	518.2	-61.3	4386.8	516.3
-8.30			5897	5897.0	518.2	-61.3	6028.4	516.9
-9.02			5932	5897.0	407.1	-61.3	6039.9	405.8
-24.14		Min	Cent	984.6	-16.7	-900.3	1236.3	-268.5
-28.62			5933	802.4	79.9	-900.3	1109.0	-226.7
-24.88			5898	802.4	-148.1	-900.3	1062.9	-408.6
-20.32			5897	1160.4	-148.1	-900.3	1368.4	-356.1
-23.06			5932	1160.4	79.9	-900.3	1399.5	-159.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
63.33	Max	Cent	-47671.4	4407.4	41352.9	21988.7	-65252.7	
41.40			5933	32959.0	25531.6	37066.7	58837.7	-347.0
43.44			5898	-3508.6	-8813.8	56718.2	45064.9	-57662.6
69.11			5897	-66752.0	27731.9	45855.7	43833.8	-82854.0
-75.35			5932	41111.5	141937.6	31628.1	149362.5	33224.4
-42.65	Min	Cent	-246607.1	-149436.9	-31204.0	-122467.6	-247443.3	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.75	5933	-126284.6	-108447.8	-51580.9	-72596.3	-162136.1
82.50	5898	-543778.3	-120531.4	-19691.9	-113062.5	-551247.2
-12.03	5897	-371680.0	-320175.9	-13941.1	-260208.2	-377367.8
-14.19	5932	-44155.0	-202404.4	-46488.5	-33349.7	-213209.7

	NODE	Vxx	Vyy
Max	Cent	442.7	288.9
	5933	460.4	225.8
	5898	460.4	407.1
	5897	424.9	407.1
	5932	424.9	225.8
Min	Cent	-5.3	-164.3
	5933	-83.8	-212.3
	5898	-83.8	-116.3
	5897	36.2	-116.3
	5932	36.2	-212.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4929	1	16	c mob-a	Max	Cent	971.3	182.8	35.3	972.9	181.2
2.56					5969	914.5	237.6	35.3	916.3	235.7
2.98					5933	914.5	141.4	35.3	916.1	139.8
2.61					5932	1028.4	141.4	35.3	1029.8	140.0
2.28					5968	1028.4	237.6	35.3	1029.9	236.0
2.55				Min	Cent	-34.5	-23.4	-442.9	414.0	-471.8
-45.36					5969	-24.4	-20.0	-442.9	420.7	-465.1
-45.14					5933	-24.4	-55.0	-442.9	403.5	-482.8
-44.01					5932	-46.5	-55.0	-442.9	392.2	-493.7
-44.72					5968	-46.5	-20.0	-442.9	409.8	-476.3
-45.86										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
49.94	Max	Cent	5508.1	9830.6	12417.2	20273.2	-4934.5
22.24		5969	48868.5	25125.0	11655.8	53634.0	20359.6
32.60		5933	42409.7	26308.0	17423.0	53552.0	15165.7
65.28		5932	9758.3	37718.4	16334.7	45238.7	2238.0
30.64		5968	15992.5	5949.6	9165.8	21422.2	519.9
-22.06	Min	Cent	-28269.8	-82478.1	-26276.1	-17623.8	-93124.1
-37.62		5969	-39957.7	-54571.4	-27747.2	-18571.3	-75957.7
-43.42		5933	-49574.0	-53551.6	-35976.7	-15531.2	-87594.4
		5932	-57961.2	-133732.4	-23017.9	-51516.8	-140176.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.64
-8.30

	NODE	Vxx	Vyy
Max	Cent	59.7	168.6
	5969	73.7	182.2
	5933	73.7	172.4
	5932	68.1	172.4
Min	5968	68.1	182.2
	Cent	-31.4	-30.6
	5969	-51.6	-4.5
	5933	-51.6	-61.7
	5932	-29.1	-61.7
	5968	-29.1	-4.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2.38	c mob-b	Max	Cent	947.2	176.9	32.1	948.6	175.6
2.88			5969	891.1	253.7	32.1	892.7	252.1
2.41			5933	891.1	129.4	32.1	892.5	128.1
2.10			5932	1003.4	129.4	32.1	1004.6	128.3
2.45			5968	1003.4	253.7	32.1	1004.8	252.4
-44.96	Min	Cent		-22.3	-23.4	-411.6	388.7	-434.4
-44.98			5969	-18.3	-18.8	-411.6	393.0	-430.1
-43.98			5933	-18.3	-47.7	-411.6	378.8	-444.9
-44.28			5932	-27.0	-47.7	-411.6	374.3	-449.1
-45.29			5968	-27.0	-18.8	-411.6	388.7	-434.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
48.88	Max	Cent	7304.7	8901.0	5858.6	14015.5	2190.2	
14.83		5969	38669.0	6183.8	9252.3	41119.4	3733.5	
9.99		5933	32576.0	10285.8	4053.4	33290.2	9571.6	
85.50		5932	2549.3	35774.5	2631.7	35981.7	2342.1	
29.92			5968	13128.5	4302.0	7594.6	17499.0	-68.5
-30.85	Min	Cent		-20649.8	-50522.2	-27749.1	-4072.4	-67099.5
-43.55			5969	-18222.5	-21031.4	-27744.2	8152.8	-47406.7
-45.93			5933	-34392.5	-32034.2	-36437.3	3243.0	-69669.8
-28.48			5932	-51777.4	-85746.8	-26110.2	-37613.7	-99910.5
-12.17			5968	-13126.5	-93651.8	-18210.6	-9199.7	-97578.6

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
Max   Cent   58.0   98.6
      5969   58.2   111.4
      5933   58.2   94.9
      5932   64.4   94.9
      5968   64.4   111.4
Min   Cent   -19.0  -29.3
      5969  -34.1   -2.9
      5933  -34.1  -59.7
      5932   -4.3  -59.7
      5968   -4.3   -2.9
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-21.21	pp	Cent	2704.5	324.3	-1087.1	3126.3	-97.4
-24.05		5969	2535.6	584.9	-1087.1	3020.8	99.7
-20.67		5933	2535.6	63.8	-1087.1	2945.7	-346.3
-18.87		5932	2873.4	63.8	-1087.1	3244.9	-307.7
-21.77		5968	2873.4	584.9	-1087.1	3307.5	150.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.85	Cent	-37756.8	9111.1	-24521.3	19595.4	-48241.0
-49.83	5969	-21062.9	-10470.3	-31110.5	15791.5	-47324.7
-59.34	5933	-56890.6	-18288.9	-35288.8	2632.4	-77811.9
-83.55	5932	-75401.7	84036.5	-18269.5	86103.1	-77468.4
-26.55	5968	2328.1	-18832.7	-14091.2	9368.9	-25873.5

```

-----
      NODE   Vxx   Vyy
      Cent   68.2  -69.0
      5969   35.3   19.3
      5933   35.3  -157.2
      5932  101.1  -157.2
      5968  101.1   19.3
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-81.95	vento -y	Cent	-11.5	4.3	-2.3	4.7	-11.8
-73.14		5969	-8.1	-1.3	-2.3	-0.6	-8.8
-82.91		5933	-8.1	10.0	-2.3	10.3	-8.4
-84.79		5932	-14.9	10.0	-2.3	10.2	-15.1
-80.70		5968	-14.9	-1.3	-2.3	-0.9	-15.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-29.55          Cent    -152.9   -681.2   -441.5     97.4    -931.5
-40.01          5969   -248.1   -405.7   -447.7    127.7   -781.5
-29.85          5933    -65.7   -522.2   -390.7    158.5   -746.4
-26.76          5932   -493.2  -1205.5  -481.6   -250.3  -1448.3
-26.92          5968    195.4   -591.6   -538.6    468.9   -865.2
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      0.2      0.6
          5969     -0.2      0.4
          5933     -0.2      0.9
          5932      0.6      0.9
          5968      0.6      0.4
    
```

```

          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          3.80          cedime~1  Cent      99.6      17.8      5.5      100.0     17.4
          2.80          5969     105.0     -6.3      5.5      105.3     -6.6
          4.90          5933     105.0     41.9      5.5      105.5     41.4
          5.88          5932     94.2      41.9      5.5      94.8      41.3
          3.10          5968     94.2     -6.3      5.5      94.5     -6.6
    
```

```

          ANGLE          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          -3.61          Cent    -10967.3  -27688.9  -1058.8  -10900.5  -27755.7
          -26.38          5969   -13158.6  -17963.9  -3161.5  -11590.4  -19532.1
          15.65          5933   -14542.3  -21732.5   2185.8  -13930.0  -22344.8
          0.32          5932   -17103.3  -42655.4   142.8   -17102.5  -42656.2
          -9.77          5968    935.1   -28403.9  -5204.4   1830.9  -29299.8
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      8.1      25.0
          5969      0.6      19.7
          5933      0.6      30.3
          5932     15.6      30.3
          5968     15.6      19.7
    
```

```

          ANGLE          LC          NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          -20.24          perm          Cent      733.5     128.9   -258.0     828.6     33.7
          -23.40          5969     684.2     199.5   -258.0     795.8     87.9
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-19.75		5933	684.2	58.2	-258.0	776.8	-34.4
-17.73		5932	782.7	58.2	-258.0	865.2	-24.3
-20.75		5968	782.7	199.5	-258.0	880.5	101.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-61.60		Cent	-11401.1	-2950.2	-6456.3	540.5	-14891.8
-44.97		5969	-6519.6	-6536.3	-8281.7	1753.7	-14809.6
-56.41		5933	-16363.5	-8510.2	-9331.8	-2312.6	-22561.1
-82.92		5932	-21736.8	15559.6	-4704.3	16143.8	-22321.1
-16.41		5968	-984.5	-12314.0	-3654.2	91.9	-13390.3

		NODE	Vxx	Vyy
		Cent	18.4	-13.5
		5969	9.7	10.2
		5933	9.7	-37.3
		5932	27.1	-37.3
		5968	27.1	10.2

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

-6.59	INV TO~1	Max	Cent	2144.4	393.4	-204.9	2168.0	369.7
-7.70			5969	2023.8	542.1	-204.9	2051.5	510.7
-6.65			5933	2023.8	291.1	-204.9	2047.7	267.2
-5.86			5932	2265.2	291.1	-204.9	2286.3	270.0
-6.66			5968	2265.2	542.1	-204.9	2289.2	515.4
-35.50		Min	Cent	686.9	97.3	-855.9	1297.4	-513.2
-37.19			5969	651.3	166.2	-855.9	1300.7	-476.9
-34.35			5933	651.3	-16.0	-855.9	1236.3	-601.0
-33.37			5932	719.9	-16.0	-855.9	1283.6	-579.7
-36.13			5968	719.9	166.2	-855.9	1344.8	-452.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

59.96		Max	Cent	-1539.7	10321.0	10306.8	16281.8	-7500.5
12.47			5969	59452.9	27382.5	7453.7	61100.6	25734.8
31.97			5933	40889.5	27005.6	16375.0	49744.0	18151.2
77.59			5932	-8563.1	66479.5	17490.4	70295.6	-12379.3
			5968	21540.4	-4282.0	8719.6	23356.3	-7032.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

17.51								
-23.92	Min	Cent	-60532.6	-141984.7	-44976.4	-40583.3	-161933.9	
-37.95			5969	-73621.0	-98171.6	-48901.9	-35477.3	-136315.3
-43.80			5933	-97830.7	-102537.4	-58522.2	-43798.5	-156569.6
-20.66			5932	-117087.7	-207634.5	-39953.0	-102074.0	-222648.2
-9.24			5968	-40068.5	-237386.2	-33442.9	-35472.7	-242875.7

	NODE	Vxx	Vyy
Max	Cent	107.1	239.1
	5969	109.9	275.8
	5933	109.9	225.8
	5932	134.6	225.8
	5968	134.6	275.8
Min	Cent	-23.9	-54.8
	5969	-60.0	4.1
	5933	-60.0	-120.5
	5932	-12.2	-120.5
	5968	-12.2	4.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-21.21	INV TO~2	Max	Cent	3651.1	437.9	-204.9	4220.5	369.7
-24.05			5969	3423.1	789.6	-204.9	4078.1	510.7
-20.67			5933	3423.1	291.1	-204.9	3976.7	267.2
-18.87			5932	3879.1	291.1	-204.9	4380.7	270.0
-21.77			5968	3879.1	789.6	-204.9	4465.1	515.4
-35.50		Min	Cent	686.9	97.3	-1467.6	1297.4	-513.2
-37.19			5969	651.3	166.2	-1467.6	1300.7	-476.9
-34.35			5933	651.3	-16.0	-1467.6	1236.3	-601.0
-33.37			5932	719.9	-16.0	-1467.6	1283.6	-579.7
-36.13			5968	719.9	166.2	-1467.6	1344.8	-452.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-66.85	Max	Cent	-1539.7	12300.0	10306.8	26453.8	-7500.5	
12.47			5969	59452.9	27382.5	7453.7	61100.6	25734.8
31.97			5933	40889.5	27005.6	16375.0	49744.0	18151.2
-83.55			5932	-8563.1	113449.3	17490.4	116239.2	-12379.3
17.51			5968	21540.4	-4282.0	8719.6	23356.3	-7032.9
-23.92	Min	Cent	-60532.6	-141984.7	-44976.4	-40583.3	-161933.9	
-37.95			5969	-73621.0	-98171.6	-48901.9	-35477.3	-136315.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.80	5933	-97830.7	-102537.4	-58522.2	-43798.5	-156569.6
-20.66	5932	-117087.7	-207634.5	-39953.0	-102074.0	-222648.2
-9.24	5968	-40068.5	-237386.2	-33442.9	-35472.7	-242875.7

	NODE	Vxx	Vyy
Max	Cent	107.1	239.1
	5969	109.9	275.8
	5933	109.9	225.8
	5932	136.5	225.8
Min	5968	136.5	275.8
	Cent	-23.9	-93.1
	5969	-60.0	4.1
	5933	-60.0	-212.3
	5932	-12.2	-212.3
5968	-12.2	4.1	

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5014	1	18	c mob-a	Max	Cent	810.0	234.5	48.0	813.9	230.5
4.73					5934	764.8	192.2	48.0	768.8	188.2
4.76					5899	764.8	291.4	48.0	769.6	286.6
5.73					5898	855.3	291.4	48.0	859.4	287.4
4.83					5933	855.3	192.2	48.0	858.8	188.7
4.12				Min	Cent	-18.7	-19.8	-201.1	181.8	-220.3
-44.92					5934	-18.6	-21.8	-201.1	180.9	-221.3
-44.77					5899	-18.6	-46.6	-201.1	169.0	-234.2
-43.01					5898	-21.0	-46.6	-201.1	167.7	-235.3
-43.18					5933	-21.0	-21.8	-201.1	179.7	-222.5
-44.94										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	6542.1	4848.3	6177.5	11930.5	-540.1
	5934	30242.1	6886.2	5600.8	31515.7	5612.6
	5899	33025.8	6279.0	4914.1	33900.1	5404.7
	5898	26833.1	6267.8	5652.4	28284.3	4816.7
	5933	20716.2	19737.7	7741.3	27983.6	12470.2
Min	Cent	-43780.4	-24792.5	-17159.0	-14676.1	-53896.8
	5934	-28869.1	-18996.8	-21068.8	-2293.7	-45572.3
	5899	-105838.9	-22687.8	-13227.5	-20634.3	-107892.4
	5898	-80095.6	-28811.5	-9950.5	-26948.5	-81958.6
	5933	-27616.5	-49197.9	-18005.2	-17416.1	-59398.3

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-29.53

	NODE	Vxx	Vyy
Max	Cent	112.9	46.6
	5934	127.5	70.8
	5899	127.5	42.7
	5898	98.9	42.7
	5933	98.9	70.8
Min	Cent	-48.0	-16.4
	5934	-48.6	-36.5
	5899	-48.6	-19.2
	5898	-47.6	-19.2
	5933	-47.6	-36.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4.48	c mob-b	Max	Cent	785.8	228.2	43.9	789.3	224.8
			5934	743.0	182.8	43.9	746.4	179.4
			5899	743.0	282.5	43.9	747.2	278.3
			5898	831.9	282.5	43.9	835.4	279.0
			5933	831.9	182.8	43.9	834.8	179.9
	-44.74	Min	Cent	-15.9	-19.1	-178.6	161.1	-196.1
			5934	-17.6	-22.8	-178.6	158.4	-198.8
			5899	-17.6	-29.1	-178.6	155.3	-202.1
			5898	-15.3	-29.1	-178.6	156.5	-201.0
			5933	-15.3	-22.8	-178.6	159.6	-197.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
47.66	Max	Cent	2240.1	3065.5	4425.8	7097.8	-1792.2
		5934	30882.7	19468.0	3699.2	31976.7	18374.0
		5899	17911.3	4199.2	4206.6	19098.9	3011.6
		5898	14631.6	3978.5	3916.0	15916.2	2693.9
		5933	15922.3	3399.1	4492.4	17367.2	1954.2
-65.76	Min	Cent	-42955.5	-17610.2	-14312.3	-11166.5	-49399.3
		5934	-23439.6	-13966.0	-16509.0	-1527.7	-35877.9
		5899	-104594.9	-22370.9	-9423.2	-21304.8	-105661.0
		5898	-84571.4	-28134.0	-9265.4	-26651.8	-86053.6
		5933	-20275.4	-24217.1	-16400.4	-5727.8	-38764.6

	NODE	Vxx	Vyy
Max	Cent	111.3	36.1

PROJECT TITLE :

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	5934	122.4	58.4
	5899	122.4	39.9
	5898	100.4	39.9
	5933	100.4	58.4
Min	Cent	-28.7	-8.2
	5934	-27.6	-12.4
	5899	-27.6	-15.3
	5898	-29.9	-15.3
	5933	-29.9	-12.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-11.36	pp	Cent	2262.2	402.9	-389.2	2340.3	324.7
-12.02		5934	2136.7	392.5	-389.2	2219.6	309.6
-12.15		5899	2136.7	413.2	-389.2	2220.5	329.4
-10.76		5898	2387.6	413.2	-389.2	2461.5	339.3
-10.66		5933	2387.6	392.5	-389.2	2460.8	319.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

81.88	Cent	-103387.0	-30494.9	10612.1	-28981.3	-104900.5
76.51	5934	-53449.9	-23097.4	7727.4	-21243.4	-55304.0
85.24	5899	-155100.1	-27859.9	10668.6	-26971.6	-155988.4
85.56	5898	-185027.7	-65894.3	9308.0	-65171.5	-185750.6
69.69	5933	-19970.2	-5127.9	6366.8	-2771.0	-22327.1

NODE	Vxx	Vyy

Cent	140.9	21.5
5934	111.9	-23.4
5899	111.9	66.5
5898	169.9	66.5
5933	169.9	-23.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-76.73	vento -y	Cent	-8.7	19.7	-7.1	21.4	-10.4
-67.78		5934	-7.8	6.7	-7.1	9.6	-10.7
-80.36		5899	-7.8	32.8	-7.1	34.0	-9.0
-80.74		5898	-9.6	32.8	-7.1	33.9	-10.8
-69.48		5933	-9.6	6.7	-7.1	9.3	-12.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-12.06		Cent	51.8	-619.6	-150.3	84.0	-651.7
-15.01		5934	136.2	-446.0	-168.2	181.4	-491.2
-3.91		5899	-197.7	-804.5	-41.6	-194.8	-807.3
-5.63		5898	270.0	-676.2	-94.2	279.3	-685.5
-19.37		5933	-1.2	-551.5	-220.8	76.4	-629.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
5934	0.3	0.2
5899	0.3	-0.1
5898	-0.3	-0.1
5933	-0.3	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
75.03	cedime~1	Cent	68.8	117.3	14.0	121.0	65.1
31.99		5934	62.9	49.2	14.0	71.6	40.5
83.58		5899	62.9	185.3	14.0	186.9	61.3
82.91		5898	74.8	185.3	14.0	187.1	73.1
23.76		5933	74.8	49.2	14.0	80.9	43.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
7.46	Cent	-294.4	-9100.3	1173.1	-140.8	-9253.9
49.65	5934	-8483.4	-8115.7	1123.4	-7161.2	-9437.9
1.55	5899	10916.6	-257.8	301.8	10924.7	-265.9
4.19	5898	8653.4	-9332.9	1324.0	8750.4	-9429.8
16.86	5933	-12264.2	-18694.6	2145.6	-11614.0	-19344.8

NODE	Vxx	Vyy
Cent	-20.5	19.1
5934	-19.8	20.4
5899	-19.8	17.9
5898	-21.2	17.9
5933	-21.2	20.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.71	perm	Cent	608.9	148.1	-81.2	622.8	134.3
-10.26		5934	572.5	138.6	-81.2	587.2	123.9
-10.69		5899	572.5	157.7	-81.2	587.8	142.4

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-9.21	5898	645.3	157.7	-81.2	658.4	144.6
-8.88	5933	645.3	138.6	-81.2	657.9	125.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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81.95	Cent	-27793.5	-9993.4	2570.2	-9629.7	-28157.1
77.10	5934	-14753.4	-7628.8	1721.9	-7234.5	-15147.8
85.67	5899	-40995.5	-8125.8	2506.0	-7935.8	-41185.5
85.44	5898	-48797.7	-19325.4	2366.9	-19136.5	-48986.6
59.35	5933	-6627.3	-4893.6	1582.8	-3955.8	-7565.1

	NODE	Vxx	Vyy
	Cent	36.3	8.8
	5934	29.0	-2.3
	5899	29.0	20.0
	5898	43.6	20.0
	5933	43.6	-2.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-0.12	INV TO~1	Max	Cent	1771.1	582.0	-2.5	1771.1	582.0
-0.12			5934	1667.8	447.2	-2.5	1667.8	447.2
-0.15			5899	1667.8	736.4	-2.5	1667.8	736.4
-0.12			5898	1874.7	736.4	-2.5	1874.8	736.4
-0.10			5933	1874.7	447.2	-2.5	1874.8	447.2
-28.38		Min	Cent	583.7	121.4	-352.6	774.2	-69.1
-29.03			5934	547.3	107.7	-352.6	743.1	-88.0
-28.66			5899	547.3	94.8	-352.6	740.1	-97.9
-26.74			5898	616.9	94.8	-352.6	794.6	-82.9
-27.09			5933	616.9	107.7	-352.6	797.3	-72.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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62.71	Max	Cent	-18961.6	-3448.2	12082.9	2181.3	-24591.1
32.98		5934	26938.2	18653.0	10406.4	32961.0	12630.2
26.32		5899	14505.9	350.9	9441.9	19177.3	-4578.3
27.14		5898	-3919.5	-10863.8	11321.6	1885.2	-21752.4
45.49		5933	21339.6	21752.2	14179.1	33581.2	9510.6
	Min	Cent	-87191.4	-52563.5	-20594.4	-43859.0	-95895.9

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-65.86		5934	-62210.1	-41390.3	-26720.9	-24166.9	-79433.4
-56.07		5899	-183878.1	-39012.1	-15351.1	-37342.1	-185484.1
-83.67		5898	-162969.1	-67553.8	-11066.3	-66473.3	-164125.5
-83.67		5933	-56173.7	-90005.4	-22724.2	-46450.8	-99728.4
-25.29							

	NODE	Vxx	Vyy
Max	Cent	188.8	90.8
	5934	201.2	113.6
	5899	201.2	95.5
	5898	179.2	95.5
	5933	179.2	113.6
Min	Cent	-49.0	-13.3
	5934	-56.3	-51.6
	5899	-56.3	-6.0
	5898	-41.7	-6.0
	5933	-41.7	-51.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-11.36	INV TO~2	Max	Cent	3053.9	582.0	-2.5	3159.5	582.0
-12.02			5934	2884.6	529.9	-2.5	2996.5	447.2
-12.15			5899	2884.6	736.4	-2.5	2997.7	736.4
-10.76			5898	3223.2	736.4	-2.5	3323.1	736.4
-10.66			5933	3223.2	529.9	-2.5	3322.1	447.2
-28.38		Min	Cent	583.7	121.4	-525.4	774.2	-69.1
-29.03			5934	547.3	107.7	-525.4	743.1	-88.0
-28.66			5899	547.3	94.8	-525.4	740.1	-97.9
-26.74			5898	616.9	94.8	-525.4	794.6	-82.9
-27.09			5933	616.9	107.7	-525.4	797.3	-72.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

62.71	Max	Cent	-18961.6	-3448.2	14326.4	2181.3	-24591.1
32.98		5934	26938.2	18653.0	10432.0	32961.0	12630.2
26.32		5899	14505.9	350.9	14402.5	19177.3	-4578.3
27.14		5898	-3919.5	-10863.8	12565.7	1885.2	-21752.4
45.49		5933	21339.6	21752.2	14179.1	33581.2	9510.6
-65.86	Min	Cent	-139572.4	-52563.5	-20594.4	-43859.0	-141615.7
76.51		5934	-72157.4	-41390.3	-26720.9	-28678.6	-79433.4
-83.67		5899	-209385.1	-39012.1	-15351.1	-37342.1	-210584.3

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		NODE	Vxx	Vyy
Max	Cent		45.5	75.7
		5970	58.6	87.3
		5934	58.6	70.8
		5933	36.0	70.8
		5969	36.0	87.3
Min	Cent		-27.0	-15.0
		5970	-30.7	-25.8
		5934	-30.7	-36.5
		5933	-25.2	-36.5
		5969	-25.2	-25.8

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5.22	c mob-b	Max	Cent	643.0	177.3	42.9	646.9	173.4	
5.81				5970	613.2	195.7	42.9	617.6	191.4
5.39				5934	613.2	162.7	42.9	617.3	158.6
4.78				5933	672.7	162.7	42.9	676.3	159.1
5.10				5969	672.7	195.7	42.9	676.6	191.9
-44.56		Min	Cent	-15.2	-21.9	-220.1	201.6	-238.7	
-44.67				5970	-16.0	-21.0	-220.1	201.6	-238.6
-44.55				5934	-16.0	-22.9	-220.1	200.7	-239.6
-44.44				5933	-14.4	-22.9	-220.1	201.5	-238.8
-44.57				5969	-14.4	-21.0	-220.1	202.5	-237.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
11.57		Max	Cent	16720.7	4547.3	2600.5	17252.9	4015.0	
12.07				5970	36235.4	20864.3	3444.4	36971.9	20127.8
12.19				5934	29175.7	19176.2	2266.6	29665.5	18686.5
10.45				5933	13477.2	2975.4	2005.6	13847.2	2605.4
18.88				5969	14849.0	3281.2	4481.6	16382.1	1748.1
-41.93		Min	Cent	-12803.0	-16115.6	-15386.0	1015.6	-29934.2	
-40.87				5970	-7339.4	-11084.1	-12905.2	3828.6	-22252.1
-56.35				5934	-27480.6	-14257.9	-15804.9	-3737.3	-38001.2
-39.70				5933	-17559.7	-23435.2	-15698.6	-4526.3	-36468.6
-28.43				5969	-9586.7	-26472.9	-12933.5	-2584.4	-33475.2

		NODE	Vxx	Vyy
Max	Cent		42.4	61.1
		5970	56.4	71.1
		5934	56.4	58.4

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	5933	28.5	58.4
	5969	28.5	71.1
Min	Cent	-22.8	-6.5
	5970	-29.0	-4.2
	5934	-29.0	-12.4
	5933	-16.7	-12.4
	5969	-16.7	-4.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-17.50	pp	Cent	1827.8	377.5	-507.9	1988.0	217.4
-19.09		5970	1741.4	449.4	-507.9	1917.2	273.7
-17.64		5934	1741.4	305.7	-507.9	1902.9	144.2
-16.14		5933	1914.2	305.7	-507.9	2061.1	158.7
-17.37		5969	1914.2	449.4	-507.9	2073.0	290.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-55.39	Cent	-21155.3	-10495.6	-14045.5	-802.7	-30848.2
-42.65	5970	-607.5	-3283.1	-16263.8	14373.4	-18264.0
-73.47	5934	-51039.9	-22615.4	-9247.4	-19871.8	-53783.6
-67.13	5933	-24456.0	-6025.1	-9456.7	-2036.2	-28444.9
-43.66	5969	-8517.9	-10058.6	-16473.1	7202.8	-25779.3

NODE	Vxx	Vyy

Cent	32.6	-6.3
5970	47.9	10.8
5934	47.9	-23.4
5933	17.2	-23.4
5969	17.2	10.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-63.48	vento -y	Cent	-4.6	3.5	-5.4	6.2	-7.3
-52.30		5970	-3.3	-0.4	-5.4	3.8	-7.5
-67.39		5934	-3.3	7.5	-5.4	9.8	-5.5
-70.61		5933	-6.0	7.5	-5.4	9.4	-7.9
-58.57		5969	-6.0	-0.4	-5.4	2.9	-9.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-17.10	Cent	-81.8	-434.3	-119.8	-44.9	-471.2

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-18.29		5970	-73.3	-272.0	-73.7	-48.9	-296.3
-14.13		5934	-2.8	-473.9	-126.6	29.1	-505.7
-17.33		5933	-90.0	-569.3	-165.6	-38.4	-620.9
-20.41		5969	-161.1	-422.1	-112.7	-119.1	-464.1

NODE	Vxx	Vyy
Cent	-0.1	0.2
5970	-0.1	0.3
5934	-0.1	0.2
5933	-0.1	0.2
5969	-0.1	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
16.59	cedime~1	Cent	77.6	27.4	16.4	82.5	22.5
12.50		5970	74.2	3.8	16.4	77.9	0.2
27.35		5934	74.2	51.0	16.4	82.7	42.5
23.78		5933	81.0	51.0	16.4	88.2	43.8
11.52		5969	81.0	3.8	16.4	84.3	0.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.56	Cent	-7490.1	-12718.3	419.4	-7456.7	-12751.8
-6.12	5970	-6852.4	-9385.9	-274.8	-6822.9	-9415.4
47.46	5934	-8281.0	-8075.3	1193.3	-6980.4	-9375.9
6.46	5933	-7786.0	-17799.0	1147.8	-7656.1	-17928.9
-2.14	5969	-7041.0	-15613.1	-320.3	-7029.0	-15625.1

NODE	Vxx	Vyy
Cent	1.0	16.6
5970	1.7	12.8
5934	1.7	20.4
5933	0.3	20.4
5969	0.3	12.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-14.74	perm	Cent	492.7	134.8	-101.1	519.3	108.2
-16.39		5970	468.5	154.4	-101.1	498.3	124.6
-14.90		5934	468.5	115.3	-101.1	495.4	88.4
-13.37		5933	517.0	115.3	-101.1	541.0	91.3

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			5969	517.0	154.4	-101.1	543.3	128.0
-14.58								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-6249.9	-5460.9	-3831.2	-2004.0	-9706.9	
-47.94		5970	-368.2	-2751.0	-4417.5	3015.8	-6134.9	
-37.45		5934	-14122.7	-7502.7	-2633.3	-6583.0	-15042.4	
-70.75		5933	-7414.5	-5051.1	-2597.0	-3379.6	-9086.0	
-57.23		5969	-3094.3	-6539.0	-4381.2	-109.1	-9524.2	
-34.27								
		NODE	Vxx	Vyy				

		Cent	9.0	2.2				
		5970	13.2	6.7				
		5934	13.2	-2.3				
		5933	4.8	-2.3				
		5969	4.8	6.7				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	1461.4	407.8	-25.6	1462.1	407.2
-1.39			5970	1393.2	422.4	-25.6	1393.9	421.7
-1.51			5934	1393.2	401.8	-25.6	1393.9	401.1
-1.48			5933	1529.7	401.8	-25.6	1530.3	401.2
-1.30			5969	1529.7	422.4	-25.6	1530.3	421.8
-1.33		Min	Cent	467.9	105.3	-433.2	756.2	-183.1
-33.64			5970	443.1	126.0	-433.2	745.8	-176.8
-34.95			5934	443.1	84.4	-433.2	732.6	-205.1
-33.76			5933	492.4	84.4	-433.2	767.2	-190.5
-32.39			5969	492.4	126.0	-433.2	779.5	-161.2
-33.54								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	16323.0	7394.5	3750.3	17428.7	6288.8
18.36			5970	48551.7	25415.8	5783.9	49917.0	24050.5
13.28			5934	25264.5	18385.3	4370.9	26507.6	17142.2
21.37			5933	18287.9	21157.5	5316.5	24131.4	15314.0
54.50			5969	24524.7	19411.0	3676.7	26446.2	17489.6
27.59		Min	Cent	-39856.8	-64429.6	-28008.4	-21942.0	-82344.3
-33.00			5970	-30354.9	-40254.4	-27383.8	-7477.1	-63132.3

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-39.88							
	5934	-61355.9	-40813.7	-29856.8	-20636.6	-81532.9	
-54.86							
	5933	-49048.7	-88428.0	-25001.3	-37808.3	-99668.4	
-25.23							
	5969	-38234.3	-99846.8	-22760.8	-30738.1	-107343.1	
-18.23							

	NODE	Vxx	Vyy
Max	Cent	71.4	121.1
	5970	94.1	137.4
	5934	94.1	113.6
	5933	53.7	113.6
	5969	53.7	137.4
Min	Cent	-27.5	-18.0
	5970	-28.3	-28.0
	5934	-28.3	-51.6
	5933	-29.3	-51.6
	5969	-29.3	-28.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	2467.5	509.7	-25.6	2683.8	407.2
-17.50			5970	2350.9	606.7	-25.6	2588.2	421.7
-19.09			5934	2350.9	412.7	-25.6	2568.9	401.1
-17.64			5933	2584.2	412.7	-25.6	2782.5	401.2
-16.14			5969	2584.2	606.7	-25.6	2798.6	421.8
-17.37		Min	Cent	467.9	105.3	-685.6	756.2	-183.1
-33.64			5970	443.1	126.0	-685.6	745.8	-176.8
-34.95			5934	443.1	84.4	-685.6	732.6	-205.1
-33.76			5933	492.4	84.4	-685.6	767.2	-190.5
-32.39			5969	492.4	126.0	-685.6	779.5	-161.2
-33.54								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

	Max	Cent	16323.0	7394.5	3750.3	17428.7	6288.8
18.36		5970	48551.7	25415.8	5783.9	49917.0	24050.5
13.28		5934	25264.5	18385.3	4370.9	26507.6	17142.2
21.37		5933	18287.9	21157.5	5316.5	24131.4	15314.0
54.50		5969	24524.7	19411.0	3676.7	26446.2	17489.6
27.59	Min	Cent	-39856.8	-64429.6	-28008.4	-21942.0	-82344.3
-33.00		5970	-30354.9	-40254.4	-27383.8	-7477.1	-63132.3
-39.88		5934	-68903.9	-40813.7	-29856.8	-26826.9	-81532.9
-73.47		5933	-49048.7	-88428.0	-25001.3	-37808.3	-99668.4
-25.23							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Max	Cent	84.0	47.1
	5935	93.3	91.9
Min	5900	93.3	18.9
	5899	75.0	18.9
	5934	75.0	91.9
	Cent	-25.4	-9.2
	5935	-22.5	-14.5
Min	5900	-22.5	-14.9
	5899	-28.6	-14.9
	5934	-28.6	-14.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.37	c mob-b	Max Cent	590.0	216.1	42.3	594.8	211.4
6.28		5935	569.5	190.3	42.3	574.2	185.6
7.25		5900	569.5	242.8	42.3	574.9	237.4
6.47		5899	611.0	242.8	42.3	615.8	238.0
5.68		5934	611.0	190.3	42.3	615.2	186.1
-44.07	Min	Cent	-14.4	-23.0	-132.3	113.6	-151.0
-43.97		5935	-13.7	-23.2	-132.3	113.9	-150.8
-43.42		5900	-13.7	-28.4	-132.3	111.4	-153.5
-43.65		5899	-15.9	-28.4	-132.3	110.3	-154.5
-44.21		5934	-15.9	-23.2	-132.3	112.8	-151.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
50.44	Max	Cent	2212.3	2949.1	1916.8	4532.6	628.8
8.57		5935	14421.6	5014.9	1449.9	14640.0	4796.5
13.19		5900	7952.6	758.1	1783.7	8370.6	340.1
15.54		5899	10499.3	4018.4	1953.8	11042.7	3475.0
26.79		5934	19440.8	17046.6	1622.8	20260.3	16227.2
-74.36	Min	Cent	-27434.3	-7941.1	-5921.3	-6283.4	-29092.0
-56.22		5935	-13393.2	-7273.1	-7410.2	-2316.0	-18350.3
-85.70		5900	-61977.9	-13490.9	-3668.4	-13214.9	-62253.8
-85.06		5899	-59349.0	-14327.1	-3918.4	-13988.6	-59687.5
-46.41		5934	-13114.4	-12347.8	-7781.1	-4940.6	-20521.6

	NODE	Vxx	Vyy
Max	Cent	70.6	10.5
	5935	69.2	21.9
	5900	69.2	9.0
	5899	72.0	9.0
	5934	72.0	21.9

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	Cent	-14.1	-22.6
	5935	-12.1	-39.4
	5900	-12.1	-13.6
	5899	-16.2	-13.6
	5934	-16.2	-39.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-11.22	pp	Cent	1695.4	433.5	-260.6	1747.1	381.8
-11.90		5935	1633.4	451.4	-260.6	1688.3	396.5
-11.58		5900	1633.4	415.7	-260.6	1686.9	362.2
-10.61		5899	1757.3	415.7	-260.6	1806.2	366.8
-10.88		5934	1757.3	451.4	-260.6	1807.4	401.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.19	Cent	-57413.7	-17696.6	4083.2	-17281.2	-57829.1
83.83	5935	-35770.1	-15779.8	2188.4	-15543.0	-36006.8
86.90	5900	-79495.3	-15034.6	3502.6	-14844.8	-79685.1
85.82	5899	-87700.5	-24453.2	4643.4	-24114.1	-88039.6
74.60	5934	-26688.9	-15519.0	3329.2	-14602.0	-27605.9

NODE	Vxx	Vyy
Cent	57.3	12.1
5935	48.7	4.0
5900	48.7	20.1
5899	65.8	20.1
5934	65.8	4.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-69.25	vento -y	Cent	-5.6	17.7	-10.3	21.6	-9.5
-58.70		5935	-5.3	5.4	-10.3	11.7	-11.5
-74.80		5900	-5.3	29.9	-10.3	32.7	-8.1
-75.07		5899	-6.0	29.9	-10.3	32.7	-8.8
-59.53		5934	-6.0	5.4	-10.3	11.5	-12.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-0.98	Cent	-72.1	-537.2	-8.0	-71.9	-537.4
-0.71	5935	38.5	-377.2	-5.2	38.6	-377.2

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3.62		5900	-188.0	-571.6	24.4	-186.4	-573.2
-0.95		5899	-173.5	-734.7	-9.3	-173.3	-734.9
-4.42		5934	34.6	-465.5	-38.9	37.6	-468.5

NODE	Vxx	Vyy
Cent	0.2	0.3
5935	0.2	0.2
5900	0.2	0.4
5899	0.2	0.4
5934	0.2	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.59	cedime~1	Cent	50.9	100.0	1.2	100.1	50.8
51.32		5935	49.7	50.2	1.2	51.2	48.7
89.31		5900	49.7	149.8	1.2	149.8	49.7
89.29		5899	52.0	149.8	1.2	149.8	52.0
26.89		5934	52.0	50.2	1.2	52.6	49.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-9.64	Cent	282.4	-3511.0	-663.7	395.2	-3623.8
-49.12	5935	-3817.0	-3562.0	-880.4	-2799.9	-4579.0
-6.08	5900	4535.2	-1522.4	-653.1	4604.9	-1592.0
-1.42	5899	6188.7	-779.4	-172.3	6192.9	-783.6
-9.20	5934	-5777.2	-8180.1	-399.6	-5712.5	-8244.8

NODE	Vxx	Vyy
Cent	-10.2	4.9
5935	-8.8	10.9
5900	-8.8	-1.1
5899	-11.7	-1.1
5934	-11.7	10.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.73	perm	Cent	453.9	149.8	-47.8	461.2	142.5
-9.20		5935	436.7	149.1	-47.8	444.5	141.4
-9.24		5900	436.7	150.5	-47.8	444.5	142.7
-8.31		5899	471.0	150.5	-47.8	478.0	143.5
-8.27		5934	471.0	149.1	-47.8	478.0	142.2

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.89		Cent	-15461.0	-5545.7	715.4	-5494.3	-15512.3
88.28		5935	-9565.5	-4721.4	145.4	-4717.0	-9569.8
87.88		5900	-21516.0	-4710.9	622.4	-4687.9	-21539.0
86.48		5899	-23199.8	-7028.9	999.8	-6967.4	-23261.4
75.20		5934	-7562.6	-5721.4	522.8	-5583.3	-7700.7
		NODE	Vxx	Vyy			
		Cent	15.2	4.4			
		5935	13.3	3.6			
		5900	13.3	5.1			
		5899	17.1	5.1			
		5934	17.1	3.6			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.28	INV TO~1 Max	Cent	1324.5	542.2	17.5	1324.9	541.9
1.23		5935	1276.4	464.2	17.5	1276.7	463.8
1.55		5900	1276.4	630.3	17.5	1276.8	629.8
1.35		5899	1372.6	630.3	17.5	1373.0	629.9
1.10		5934	1372.6	464.2	17.5	1372.9	463.9
-29.05	Min	Cent	432.6	118.5	-252.3	572.7	-21.6
-29.68		5935	416.7	117.8	-252.3	560.5	-26.0
-28.50		5900	416.7	88.9	-252.3	553.7	-48.0
-27.27		5899	448.2	88.9	-252.3	578.3	-41.1
-28.39		5934	448.2	117.8	-252.3	584.6	-18.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
65.53	Max	Cent	-8147.6	-106.5	4777.7	2067.8	-10578.8
53.68		5935	32986.2	35130.6	3428.0	37650.2	30466.6
28.24		5900	4690.3	1618.2	4122.6	6554.1	-1768.1
21.57		5899	8666.9	28.5	4586.5	10412.3	-2496.4
39.94		5934	18682.5	17291.5	3899.8	21948.3	14025.7
-68.47	Min	Cent	-53532.0	-20513.2	-15296.6	-14478.2	-59284.6
-58.22		5935	-37795.6	-20680.6	-17207.2	-10020.4	-48455.8
		5900	-122005.6	-28646.9	-9595.3	-27622.1	-122841.0

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-83.90		5899	-103778.2	-27149.9	-9819.2	-25806.8	-104962.3
-82.21		5934	-36575.1	-41672.4	-17350.9	-21586.7	-56660.8
-40.82							

	NODE	Vxx	Vyy
Max	Cent	128.6	72.9
	5935	139.3	138.7
	5900	139.3	30.7
	5899	118.3	30.7
	5934	118.3	138.7
Min	Cent	-29.3	-26.2
	5935	-25.9	-49.5
	5900	-25.9	-16.0
	5899	-33.1	-16.0
	5934	-33.1	-49.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-11.22	INV TO~2	Max	Cent	2288.8	585.3	17.5	2358.6	541.9
-11.90			5935	2205.1	609.4	17.5	2279.2	535.3
-11.58			5900	2205.1	630.3	17.5	2277.2	629.8
-10.61			5899	2372.4	630.3	17.5	2438.3	629.9
-10.88			5934	2372.4	609.4	17.5	2440.0	541.8
-29.05		Min	Cent	432.6	118.5	-351.8	572.7	-21.6
-29.68			5935	416.7	117.8	-351.8	560.5	-26.0
-28.50			5900	416.7	88.9	-351.8	553.7	-48.0
-27.27			5899	448.2	88.9	-351.8	578.3	-41.1
-28.39			5934	448.2	117.8	-351.8	584.6	-18.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

65.53		Max	Cent	-8147.6	-106.5	5512.3	2067.8	-10578.8
53.68			5935	32986.2	35130.6	3428.0	37650.2	30466.6
28.24			5900	4690.3	1618.2	4728.5	6554.1	-1768.1
21.57			5899	8666.9	28.5	6268.6	10412.3	-2496.4
39.94			5934	18682.5	17291.5	4494.4	21948.3	14025.7
84.19		Min	Cent	-77508.5	-23890.5	-15296.6	-23329.6	-78069.3
83.83			5935	-48289.6	-21302.7	-17207.2	-20983.1	-48609.2
-83.90			5900	-122005.6	-28646.9	-9595.3	-27622.1	-122841.0
85.82			5899	-118395.7	-33011.8	-9819.2	-32554.0	-118853.5
-40.82			5934	-36575.1	-41672.4	-17350.9	-21586.7	-56660.8

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	NODE	Vxx	Vyy
Max	Cent	128.6	72.9
	5935	139.3	138.7
	5900	139.3	30.7
	5899	118.3	30.7
	5934	118.3	138.7
Min	Cent	-29.3	-26.2
	5935	-25.9	-49.5
	5900	-25.9	-16.0
	5899	-33.1	-16.0
	5934	-33.1	-49.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5101	1	1	c mob-a	Max	Cent	507.4	167.2	57.8	516.9	157.6
	9.38				5971	497.3	165.3	57.8	507.1	155.6
	9.60				5935	497.3	181.6	57.8	507.6	171.4
	10.06				5934	517.5	181.6	57.8	527.2	172.0
	9.50				5970	517.5	165.3	57.8	526.7	156.1
	9.09			Min	Cent	-15.9	-21.1	-180.7	162.3	-199.2
	-44.59				5971	-16.3	-20.3	-180.7	162.4	-199.1
	-44.68				5935	-16.3	-22.0	-180.7	161.6	-199.9
	-44.55				5934	-15.4	-22.0	-180.7	162.0	-199.5
	-44.48				5970	-15.4	-20.3	-180.7	162.9	-198.6
	-44.61									

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	18865.5	14536.6	4365.8	21573.9	11828.2
	5971	35413.6	36290.5	5122.1	40992.9	30711.2
	5935	30443.5	28862.3	1569.8	31410.5	27895.2
	5934	15012.0	7541.8	1964.1	15496.9	7056.8
	5970	19630.2	9205.7	5684.8	22130.5	6705.4
Min	Cent	-11933.1	-13474.8	-11337.1	-1340.6	-24067.3
	5971	-11381.7	-10623.6	-8939.0	-2055.6	-19949.7
	5935	-19630.2	-8968.9	-10498.3	-2525.5	-26073.7
	5934	-17300.0	-20429.8	-11849.0	-6913.1	-30816.8
	5970	-10659.5	-23033.5	-10302.7	-4828.9	-28864.2

	NODE	Vxx	Vyy
Max	Cent	39.6	92.9
	5971	45.7	110.2

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	5935	45.7	91.9
	5934	34.1	91.9
	5970	34.1	110.2
Min	Cent	-24.2	-11.5
	5971	-30.9	-14.8
	5935	-30.9	-14.5
	5934	-17.9	-14.5
	5970	-17.9	-14.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

8.83	c mob-b	Max Cent	493.4	169.1	51.6	501.5	161.0
8.95		5971	483.1	163.6	51.6	491.3	155.4
9.32		5935	483.1	177.1	51.6	491.6	168.6
8.77		5934	503.7	177.1	51.6	511.7	169.1
8.44		5970	503.7	163.6	51.6	511.4	155.9
-44.34		Min Cent	-14.4	-21.6	-156.1	138.2	-174.2
-44.57		5971	-15.4	-20.0	-156.1	138.5	-173.8
-44.27		5935	-15.4	-23.3	-156.1	136.8	-175.5
-44.08		5934	-13.4	-23.3	-156.1	137.9	-174.6
-44.39		5970	-13.4	-20.0	-156.1	139.5	-172.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

7.61	Max Cent	15551.9	10566.0	678.0	15642.5	10475.4	
3.82		5971	23167.8	11567.2	778.9	23219.8	11515.1
2.39		5935	14202.2	4954.4	386.2	14218.3	4938.3
23.60		5934	17438.9	16651.3	425.2	17624.6	16465.6
10.71		5970	21026.8	16738.0	841.0	21185.8	16579.0
-43.72	Min Cent	-8441.4	-8994.4	-6190.1	-2521.6	-14914.1	
-41.08		5971	-4984.8	-6249.8	-4597.9	-976.1	-10258.5
-56.27		5935	-13135.2	-7130.6	-7236.0	-2298.8	-17967.0
-52.41		5934	-16628.7	-12613.2	-7590.0	-6769.9	-22472.1
-31.57		5970	-4890.4	-10439.9	-5476.5	-1525.8	-13804.4

	NODE	Vxx	Vyy

Max	Cent	32.1	18.9
	5971	31.8	25.4
	5935	31.8	21.9
	5934	32.8	21.9
	5970	32.8	25.4
Min	Cent	-14.3	-20.1
	5971	-12.0	-27.7

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5935 -12.0 -39.4
 5934 -16.9 -39.4
 5970 -16.9 -27.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-15.18	pp	Cent	1404.1	388.5	-297.5	1484.8	307.8
-15.47		5971	1376.9	383.9	-297.5	1459.2	301.6
-15.58		5935	1376.9	393.1	-297.5	1459.8	310.2
-14.91		5934	1431.3	393.1	-297.5	1510.5	313.9
-14.80		5970	1431.3	383.9	-297.5	1509.9	305.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-61.39	Cent	-16435.2	-9204.8	-5615.1	-6141.8	-19498.3
-46.52	5971	-2173.3	-1412.4	-7151.7	5369.0	-8954.7
-82.17	5935	-34674.0	-15560.6	-2680.9	-15191.7	-35042.9
-74.91	5934	-29217.2	-16024.6	-3835.2	-14990.7	-30251.2
-37.99	5970	323.8	-3821.8	-8306.1	6811.8	-10309.8

NODE	Vxx	Vyy

Cent	29.2	5.8
5971	30.5	7.5
5935	30.5	4.0
5934	27.9	4.0
5970	27.9	7.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-55.85	vento -y	Cent	-1.9	2.8	-6.0	6.9	-6.0
-46.62		5971	-1.2	-0.5	-6.0	5.1	-6.9
-60.84		5935	-1.2	6.2	-6.0	9.5	-4.5
-63.23		5934	-2.7	6.2	-6.0	9.2	-5.7
-50.06		5970	-2.7	-0.5	-6.0	4.5	-7.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-1.53	Cent	-40.5	-335.5	-7.9	-40.3	-335.7
6.24	5971	-49.8	-186.5	15.1	-48.1	-188.1
0.06	5935	3.0	-384.3	0.4	3.0	-384.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.31		5934	-44.4	-481.3	-33.1	-41.9	-483.8
-4.76		5970	-70.6	-289.9	-18.4	-69.1	-291.4

NODE	Vxx	Vyy
Cent	-0.1	0.2
5971	-0.1	0.3
5935	-0.1	0.2
5934	-0.1	0.2
5970	-0.1	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
26.21	cedime~1	Cent	59.9	29.5	19.7	69.6	19.8
18.86		5971	58.0	6.9	19.7	64.7	0.2
40.72		5935	58.0	52.0	19.7	75.0	35.1
38.09		5934	61.8	52.0	19.7	77.2	36.6
17.88		5970	61.8	6.9	19.7	68.1	0.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
1.31	Cent	-4350.6	-6255.3	43.5	-4349.6	-6256.3
-9.93	5971	-4363.6	-4835.7	-85.3	-4348.7	-4850.7
-41.33	5935	-3455.7	-3489.7	-132.3	-3339.3	-3606.1
0.49	5934	-5228.1	-8070.3	24.5	-5227.9	-8070.5
0.96	5970	-4355.1	-8625.5	71.6	-4353.9	-8626.7

NODE	Vxx	Vyy
Cent	0.2	10.4
5971	-0.7	9.8
5935	-0.7	10.9
5934	1.0	10.9
5970	1.0	9.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.03	perm	Cent	377.2	132.2	-44.7	385.1	124.3
-10.28		5971	369.1	130.6	-44.7	377.2	122.5
-10.41		5935	369.1	133.8	-44.7	377.3	125.6
-9.79		5934	385.2	133.8	-44.7	392.9	126.1
-9.68		5970	385.2	130.6	-44.7	392.8	122.9

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	5971	5935	5934	5970			
-52.74	-4547.8	-523.0	-9230.3	-8233.3	-204.6	-3634.5	-1647.8	-2381.2
-41.20	-1057.1	-1998.8	-4654.4	-5855.5	-2970.9	-1998.8	1226.5	-2806.6
-78.38							-982.6	-4452.3
-66.87							-1242.1	-5325.0
-29.26							1060.5	-4236.0

NODE Vxx Vyy

Cent	7.9	4.4
5971	8.2	5.1
5935	8.2	3.6
5934	7.7	3.6
5970	7.7	5.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
4.12	INV TO~1	Max	Cent	1122.0	389.9	53.0	1125.8	386.1
4.09			5971	1098.5	360.7	53.0	1102.3	356.9
4.52			5935	1098.5	431.0	53.0	1102.7	426.8
4.22			5934	1145.6	431.0	53.0	1149.5	427.1
3.85			5970	1145.6	360.7	53.0	1149.1	357.1
-33.18		Min	Cent	355.7	103.0	-288.7	544.5	-85.8
-33.55			5971	347.1	103.1	-288.7	538.5	-88.4
-33.51			5935	347.1	102.3	-288.7	538.3	-88.9
-32.79			5934	364.3	102.3	-288.7	550.4	-83.8
-32.83			5970	364.3	103.1	-288.7	550.6	-83.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
29.93	Max	Cent	20920.6	15989.9	4289.5	23365.1	13545.5
46.89		5971	47285.3	47935.2	4916.1	52537.1	42683.4
68.52		5935	31868.3	34309.8	1136.6	34757.0	31421.1
57.50		5934	15309.2	16623.7	1433.9	17521.6	14411.3
25.85		5970	28181.5	19625.4	5487.7	30805.4	17001.5
-42.40	Min	Cent	-25008.1	-28080.8	-16953.0	-9565.3	-43523.6
-45.02		5971	-20251.9	-20234.7	-14151.7	-6091.6	-34394.9
-60.88		5935	-39186.8	-20252.1	-15287.6	-11737.8	-47701.2
		5934	-36816.4	-41506.1	-17238.2	-21788.5	-56534.0

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-41.12
-26.80

	NODE	Vxx	Vyy
Max	Cent	61.6	140.1
	5971	69.9	163.8
	5935	69.9	138.7
	5934	54.7	138.7
	5970	54.7	163.8
Min	Cent	-24.7	-22.7
	5971	-34.1	-32.3
	5935	-34.1	-49.5
	5934	-16.5	-49.5
	5970	-16.5	-32.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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INV TO~2	Max	Cent	1895.5	524.5	53.0	2004.5	415.5
		5971	1858.7	518.2	53.0	1969.9	407.1
		5935	1858.7	530.7	53.0	1970.8	426.8
		5934	1932.2	530.7	53.0	2039.2	427.1
		5970	1932.2	518.2	53.0	2038.3	412.1
	Min	Cent	355.7	103.0	-401.6	544.5	-85.8
		5971	347.1	103.1	-401.6	538.5	-88.4
		5935	347.1	102.3	-401.6	538.3	-88.9
		5934	364.3	102.3	-401.6	550.4	-83.8
		5970	364.3	103.1	-401.6	550.6	-83.2

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

	Max	Cent	20920.6	15989.9	4289.5	23365.1	13545.5
		5971	47285.3	47935.2	4916.1	52537.1	42683.4
		5935	31868.3	34309.8	1136.6	34757.0	31421.1
		5934	15309.2	16623.7	1433.9	17521.6	14411.3
		5970	28181.5	19625.4	5487.7	30805.4	17001.5
	Min	Cent	-25008.1	-28080.8	-16953.0	-9565.3	-43523.6
		5971	-20251.9	-20234.7	-14151.7	-6091.6	-34394.9
		5935	-46809.9	-21006.8	-15287.6	-20508.8	-47701.2
		5934	-39443.3	-41506.1	-17238.2	-21788.5	-56534.0
		5970	-18950.1	-42691.6	-16166.9	-10821.5	-50820.3

NODE Vxx Vyy

PROJECT TITLE :

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-----
Max Cent 61.6 140.1
      5971 69.9 163.8
      5935 69.9 138.7
      5934 54.7 138.7
      5970 54.7 163.8
Min Cent -24.7 -22.7
      5971 -34.1 -32.3
      5935 -34.1 -49.5
      5934 -16.5 -49.5
      5970 -16.5 -32.3
    
```

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

5186	1	1	c mob-a	Max Cent	574.5	200.6	54.5	582.3	192.8
8.13				5936	564.6	189.4	54.5	572.4	181.7
8.10				5901	564.6	217.3	54.5	573.0	208.9
8.71				5900	584.4	217.3	54.5	592.4	209.3
8.27				5935	584.4	189.4	54.5	591.8	182.1
7.71				Min Cent	-15.5	-34.0	-117.4	93.0	-142.6
-42.75				5936	-14.9	-21.3	-117.4	99.4	-135.6
-44.22				5901	-14.9	-56.7	-117.4	83.5	-155.1
-39.96				5900	-16.8	-56.7	-117.4	82.4	-155.9
-40.18				5935	-16.8	-21.3	-117.4	98.4	-136.5
-44.45									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max Cent	5235.0	8086.3	2406.4	9457.7	3863.6
60.32				5936	26324.6	19298.4	2339.2	27032.1	18590.9
16.83				5901	12031.8	1499.6	1858.6	12350.1	1181.2
9.72				5900	16237.3	5780.0	1994.8	16604.9	5412.4
10.44				5935	31218.8	28184.7	2500.5	32626.4	26777.1
29.38				Min Cent	-31296.3	-5749.6	-5667.0	-4548.9	-32497.0
-78.04				5936	-15630.8	-5610.3	-6102.2	-2725.1	-18516.0
-64.69				5901	-75482.5	-13811.3	-3392.5	-13625.3	-75668.5
-86.86				5900	-73963.4	-14382.7	-4888.4	-13984.3	-74361.8
-85.34				5935	-17746.6	-9055.0	-7633.3	-4617.1	-22184.6
-59.83									
				NODE	Vxx	Vyy			
				Max Cent	93.1	9.3			
				5936	92.8	20.5			
				5901	92.8	6.5			
				5900	93.3	6.5			

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	Min	5935	93.3	20.5
	Cent	5936	-19.0	-19.8
		5901	-15.8	-36.7
		5900	-15.8	-12.6
		5935	-22.5	-12.6
			-22.5	-36.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.27	c mob-b Max	Cent	559.0	197.3	46.9	565.0	191.4
7.14		5936	549.0	180.4	46.9	554.9	174.5
7.88		5901	549.0	216.5	46.9	555.5	210.0
7.45		5900	569.1	216.5	46.9	575.2	210.4
6.78		5935	569.1	180.4	46.9	574.7	174.8
-42.80	Min	Cent	-14.6	-29.9	-99.5	77.6	-122.1
-43.77		5936	-14.2	-22.8	-99.5	81.1	-118.1
-41.23		5901	-14.2	-40.6	-99.5	73.0	-127.8
-41.36		5900	-15.2	-40.6	-99.5	72.5	-128.2
-43.90		5935	-15.2	-22.8	-99.5	80.6	-118.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.36	Max Cent	2137.8	811.7	1403.5	3027.0	-77.5
8.21		5936	14588.8	6714.7	1160.2	14756.2
12.47		5901	5535.5	478.9	1175.7	5795.5
11.88		5900	8157.0	1816.4	1395.5	8450.5
7.82		5935	14478.4	4771.0	1359.7	14665.2
-77.16	Min Cent	-30609.3	-7351.2	-5590.2	-6077.3	-31883.2
-58.90		5936	-14281.2	-7262.3	-6657.3	-3246.1
-85.76		5901	-65737.9	-12961.0	-3930.2	-12669.9
-85.64		5900	-61734.8	-12413.9	-3780.5	-12125.8
-57.96		5935	-13313.3	-7021.1	-6470.8	-2972.2

	NODE	Vxx	Vyy
Max	Cent	72.0	5.9
	5936	75.0	13.2
	5901	75.0	6.5
	5900	69.2	6.5
	5935	69.2	13.2
Min	Cent	-10.1	-7.3
	5936	-8.0	-12.7
	5901	-8.0	-8.6
	5900	-12.1	-8.6

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5935			-12.1	-12.7			
ANGLE							

	pp	Cent	1601.3	429.9	-164.2	1623.9	407.4
-7.83		5936	1570.0	479.6	-164.2	1594.1	455.4
-8.38		5901	1570.0	380.3	-164.2	1592.2	358.0
-7.71		5900	1632.7	380.3	-164.2	1653.9	359.1
-7.34		5935	1632.7	479.6	-164.2	1655.6	456.7
-7.95							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

88.01		Cent	-57308.6	-13097.4	1538.0	-13044.0	-57362.0
		5936	-38810.5	-11708.2	551.8	-11696.9	-38821.8
88.83		5901	-75493.7	-11543.5	835.7	-11532.6	-75504.7
89.25		5900	-79817.2	-16644.1	1872.0	-16588.7	-79872.6
88.30		5935	-35112.9	-12493.7	1588.1	-12382.8	-35223.8
86.00							
		NODE	Vxx	Vyy			

		Cent	44.8	7.9			
		5936	40.8	4.2			
		5901	40.8	11.6			
		5900	48.7	11.6			
		5935	48.7	4.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-4.6	14.2	-13.6	21.3	-11.8
-62.37		5936	-3.3	3.0	-13.6	13.7	-14.1
-51.52		5901	-3.3	25.4	-13.6	30.8	-8.7
-68.33		5900	-5.9	25.4	-13.6	30.5	-11.0
-69.57		5935	-5.9	3.0	-13.6	12.8	-15.8
-54.07							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

7.58		Cent	-55.3	-407.6	47.7	-48.9	-413.9
		5936	82.1	-211.2	69.4	97.7	-226.8
12.67		5901	-155.2	-477.3	56.9	-145.4	-487.1
9.74		5900	-186.1	-562.2	26.9	-184.2	-564.2
4.07							

PROJECT TITLE :

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-----
      89.97          Cent   -15481.7   -3932.0      6.6   -3932.0   -15481.7
-87.80          5936   -10011.2   -3063.5   -267.7   -3053.2   -10021.5
-89.78          5901   -20949.6   -3809.2    -66.3   -3808.9   -20949.9
      89.37          5900   -21552.1   -4891.4    181.8   -4889.4   -21554.1
-89.79          5935    -9414.0   -3964.1    -19.6   -3964.0   -9414.1
  
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-----
              NODE      Vxx      Vyy
-----
              Cent      12.6      2.7
              5936      12.0      2.8
              5901      12.0      2.6
              5900      13.3      2.6
              5935      13.3      2.8
  
```

```

              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
      3.19      INV TO~1  Max  Cent      1250.5    498.7     50.5    1252.8    496.4
      3.06          5936      1230.0    446.3     50.5    1232.2    444.1
      3.57          5901      1230.0    558.6     50.5    1232.6    556.0
      3.37          5900      1271.0    558.6     50.5    1273.5    556.1
      2.91          5935      1271.0    446.3     50.5    1273.2    444.2
-24.85          Min  Cent      405.3     97.1    -190.1     489.4     13.1
-26.34          5936      397.0    120.0    -190.1     486.9     30.1
-23.52          5901      397.0     58.8    -190.1     476.1    -20.3
-22.87          5900      412.7     58.8    -190.1     489.3    -17.8
-25.57          5935      412.7    120.0    -190.1     499.6     33.1
  
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              NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
      78.54          Max  Cent     -8167.7    6984.5    3255.2    7644.4   -8523.8
      33.15          5936      25527.0    22989.4    2890.2    27414.6    21101.8
      60.44          5901     -2163.0   -1784.8    2442.8    -399.4   -4835.4
      28.06          5900      5049.0     2911.6    2874.8     6212.4     953.3
      50.70          5935      32731.3    34085.3    3356.0    36832.0    29984.7
-78.65          Min  Cent     -57731.7  -15874.7   -8707.2  -14126.2  -59233.5
-66.38          5936     -33441.6  -14225.7  -10392.9  -9680.1   -37987.3
-86.40          5901   -122850.9  -24356.6   -6062.9  -23975.0  -123137.6
-85.59          5900   -121402.7  -25102.9   -7109.5  -24554.5  -121825.0
              5935   -37280.4  -20207.4  -11463.6  -14451.1  -43036.7
  
```

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-63.34

	NODE	Vxx	Vyy
Max	Cent	138.3	17.6
	5936	137.3	36.8
	5901	137.3	11.5
	5900	139.3	11.5
	5935	139.3	36.8
Min	Cent	-20.1	-24.0
	5936	-14.9	-46.8
	5901	-14.9	-16.2
	5900	-25.9	-16.2
	5935	-25.9	-46.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-7.83	INV TO~2	Max	Cent	2161.8	580.4	50.5	2192.3	549.9
-8.38			5936	2119.4	647.4	50.5	2152.1	614.8
-7.71			5901	2119.4	558.6	50.5	2149.5	556.0
-7.34			5900	2204.2	558.6	50.5	2232.7	556.1
-7.95			5935	2204.2	647.4	50.5	2235.1	616.5
-24.85		Min	Cent	405.3	97.1	-221.6	489.4	13.1
-26.34			5936	397.0	120.0	-221.6	486.9	30.1
-23.52			5901	397.0	58.8	-221.6	476.1	-20.3
-22.87			5900	412.7	58.8	-221.6	489.3	-17.8
-25.57			5935	412.7	120.0	-221.6	499.6	33.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
78.54	Max	Cent	-8167.7	6984.5	3255.2	7644.4	-8523.8	
33.15		5936	25527.0	22989.4	2890.2	27414.6	21101.8	
60.44		5901	-2163.0	-1784.8	2442.8	-399.4	-4835.4	
28.06		5900	5049.0	2911.6	2874.8	6212.4	953.3	
50.70		5935	32731.3	34085.3	3356.0	36832.0	29984.7	
88.01		Min	Cent	-77366.6	-17681.5	-8707.2	-17609.3	-77438.7
88.83			5936	-52394.2	-15806.0	-10392.9	-15790.9	-52409.4
-86.40			5901	-122850.9	-24356.6	-6062.9	-23975.0	-123137.6
-85.59			5900	-121402.7	-25102.9	-7109.5	-24554.5	-121825.0
86.00			5935	-47402.4	-20207.4	-11463.6	-16716.7	-47552.2

	NODE	Vxx	Vyy
Max	Cent	138.3	17.6

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5972 -25.3 -30.3
 5936 -25.3 -36.7
 5935 -30.9 -36.7
 5971 -30.9 -30.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
12.33	c mob-b	Max Cent	474.7	159.9	72.3	490.5	144.1
12.16		5972	468.4	148.5	72.3	484.0	133.0
13.01		5936	468.4	172.4	72.3	485.1	155.8
12.48		5935	482.8	172.4	72.3	498.8	156.5
11.69		5971	482.8	148.5	72.3	497.8	133.6
-44.42		Min Cent	-15.8	-20.8	-123.0	104.7	-141.4
-44.72		5972	-16.6	-19.1	-123.0	105.2	-140.9
-44.19		5936	-16.6	-23.6	-123.0	102.9	-143.2
-44.01		5935	-15.1	-23.6	-123.0	103.8	-142.4
-44.54		5971	-15.1	-19.1	-123.0	106.0	-140.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
3.11	Max Cent	18510.1	7455.1	601.5	18542.7	7422.4
3.39	5972	27629.4	11837.5	939.8	27685.1	11781.8
3.89	5936	14555.9	6574.4	544.6	14592.9	6537.4
3.04	5935	14255.8	4710.6	508.3	14282.8	4683.6
2.91	5971	22608.8	8996.0	694.3	22644.1	8960.7
-52.60	Min Cent	-8050.8	-5145.7	-5347.1	-1057.3	-12139.1
-49.93	5972	-4196.4	-2741.4	-4182.7	776.5	-7714.4
-61.63	5936	-14856.7	-7215.9	-5824.5	-4070.6	-18001.9
-58.12	5935	-12892.9	-6863.0	-6117.5	-3057.8	-16698.0
-40.33	5971	-4952.8	-6385.4	-4359.3	-1251.3	-10086.8

	NODE	Vxx	Vyy
Max	Cent	34.0	12.5
	5972	36.5	15.8
	5936	36.5	13.2
	5935	31.8	13.2
	5971	31.8	15.8
Min	Cent	-11.1	-5.1
	5972	-10.3	-6.0
	5936	-10.3	-12.7
	5935	-12.0	-12.7
	5971	-12.0	-6.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.38	pp	Cent	1359.5	392.6	-183.3	1393.1	359.0
-10.19		5972	1341.3	353.9	-183.3	1374.3	321.0
-10.97		5936	1341.3	431.2	-183.3	1376.9	395.7
-10.59		5935	1377.7	431.2	-183.3	1411.9	396.9
-9.85		5971	1377.7	353.9	-183.3	1409.5	322.1
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-74.75		Cent	-18944.2	-6191.6	-3755.4	-5167.9	-19968.0
-51.38		5972	-1347.4	583.3	-4261.2	3987.1	-4751.2
-85.56		5936	-38225.0	-11591.1	-2082.7	-11429.2	-38386.9
-82.77		5935	-34016.8	-12274.5	-2802.7	-11919.0	-34372.2
-47.02		5971	-2187.7	-1484.2	-4981.2	3157.6	-6829.5
		NODE	Vxx	Vyy			
		Cent	33.0	4.7			
		5972	35.4	5.2			
		5936	35.4	4.2			
		5935	30.5	4.2			
		5971	30.5	5.2			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.25	vento -y	Cent	-1.5	1.6	-5.8	6.1	-6.0
-47.44		5972	-1.5	-0.5	-5.8	4.9	-6.8
-56.69		5936	-1.5	3.6	-5.8	7.4	-5.3
-56.69		5935	-1.5	3.6	-5.8	7.4	-5.3
-47.44		5971	-1.5	-0.5	-5.8	4.9	-6.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.80		Cent	-12.6	-225.8	55.7	1.1	-239.4
31.61		5972	-36.9	-104.6	67.0	4.3	-145.8
14.26		5936	34.8	-220.7	69.4	52.5	-238.3
6.26		5935	2.5	-386.6	43.2	7.2	-391.3
15.06		5971	-50.7	-191.2	40.7	-39.8	-202.2

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		NODE	Vxx	Vyy				
		Cent	-0.1	0.3				
		5972	-0.1	0.2				
		5936	-0.1	0.4				
		5935	-0.1	0.4				
		5971	-0.1	0.2				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	cedime~1	Cent	54.4	25.5	22.5	66.6	13.2	
28.63		5972	51.6	10.1	22.5	61.4	0.3	
23.64		5936	51.6	40.9	22.5	69.3	23.2	
38.33		5935	57.2	40.9	22.5	72.9	25.2	
35.04		5971	57.2	10.1	22.5	66.2	1.1	
21.82								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-3448.5	-2998.8	-263.3	-2877.4	-3569.9	
-65.25		5972	-3480.2	-1907.3	-60.0	-1905.0	-3482.5	
-87.82		5936	-2417.1	-1375.8	-567.9	-1126.1	-2666.9	
-66.26		5935	-3547.1	-3946.8	-491.6	-3216.2	-4277.6	
-33.94		5971	-4349.6	-4765.4	16.3	-4348.9	-4766.1	
2.24								
		NODE	Vxx	Vyy				
		Cent	-0.8	6.9				
		5972	-1.0	7.4				
		5936	-1.0	6.4				
		5935	-0.7	6.4				
		5971	-0.7	7.4				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	perm	Cent	362.3	128.6	-14.0	363.1	127.8	
-3.42		5972	356.1	119.2	-14.0	356.9	118.4	
-3.38		5936	356.1	138.0	-14.0	357.0	137.1	
-3.67		5935	368.4	138.0	-14.0	369.3	137.2	
-3.47		5971	368.4	119.2	-14.0	369.2	118.4	
-3.21								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-4887.1	-1952.2	-1208.6	-1518.6	-5320.8	

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-70.26							
	5972	-0.9	277.6	-1267.1	1413.1	-1136.3	
-48.14							
	5936	-9928.7	-3047.0	-841.9	-2945.5	-10030.2	
-83.13							
	5935	-9078.9	-3897.1	-1028.2	-3700.5	-9275.5	
-79.18							
	5971	-540.1	-1142.5	-1453.3	642.9	-2325.5	
-39.15							

NODE	Vxx	Vyy
Cent	8.9	3.2
5972	9.5	3.6
5936	9.5	2.8
5935	8.2	2.8
5971	8.2	3.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~1	Max	Cent	1077.8	369.9	106.0	1093.3	354.4
8.33			5972	1058.5	334.7	106.0	1073.7	319.5
8.16			5936	1058.5	418.1	106.0	1075.5	401.0
9.16			5935	1097.1	418.1	106.0	1113.2	401.9
8.67			5971	1097.1	334.7	106.0	1111.5	320.3
7.77		Min	Cent	339.7	100.5	-215.1	466.2	-26.0
-30.47			5972	333.0	92.5	-215.1	459.2	-33.7
-30.40			5936	333.0	106.2	-215.1	462.7	-23.6
-31.10			5935	346.4	106.2	-215.1	472.7	-20.1
-30.41			5971	346.4	92.5	-215.1	469.2	-30.3
-29.73								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	28847.3	31445.6	1034.0	31806.9	28486.0
70.74		5972	46860.6	36781.7	1066.8	46972.3	36670.0
5.98		5936	24188.4	22243.0	1282.9	24825.7	21605.7
26.42		5935	31615.4	33248.7	1116.3	33815.3	31048.9
63.09		5971	46456.1	43374.0	588.0	46558.8	43271.3
10.18	Min	Cent	-22926.0	-14237.3	-8690.5	-8865.8	-28297.5
-58.28		5972	-14722.7	-7427.1	-6973.7	-3204.8	-18945.0
-58.81		5936	-36211.7	-14164.2	-9273.0	-10782.8	-39593.2
-69.97		5935	-38688.0	-19779.3	-10559.2	-15060.4	-43407.0
-65.92		5971	-20236.7	-20161.5	-8699.1	-11516.2	-28882.0
-45.12							

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		NODE	Vxx	Vyy
Max	Cent		71.1	33.9
		5972	72.5	46.7
		5936	72.5	36.8
		5935	69.9	36.8
		5971	69.9	46.7
Min	Cent		-29.5	-24.5
		5972	-25.6	-37.3
		5936	-25.6	-46.8
		5935	-34.1	-46.8
		5971	-34.1	-37.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
-10.38 -10.19 -10.97 -10.59 -9.85 -30.47 -30.40 -31.10 -30.41 -29.73	INV TO~2	Max	Cent	1835.3	530.0	106.0	1880.7	484.6	
				5972	1810.8	477.8	106.0	1855.3	433.3
				5936	1810.8	582.1	106.0	1858.8	534.2
				5935	1859.8	582.1	106.0	1906.1	535.9
				5971	1859.8	477.8	106.0	1902.8	434.8
		Min	Cent	339.7	100.5	-247.5	466.2	-26.0	
				5972	333.0	92.5	-247.5	459.2	-33.7
				5936	333.0	106.2	-247.5	462.7	-23.6
				5935	346.4	106.2	-247.5	472.7	-20.1
				5971	346.4	92.5	-247.5	469.2	-30.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin		
70.74 5.98 26.42 63.09 10.18 -58.28 -58.81 -85.56 -82.77 -45.12	Max	Cent	28847.3	31445.6	1034.0	31806.9	28486.0		
			5972	46860.6	36781.7	1066.8	46972.3	36670.0	
			5936	24188.4	22243.0	1282.9	24825.7	21605.7	
			5935	31615.4	33248.7	1116.3	33815.3	31048.9	
			5971	46456.1	43374.0	588.0	46558.8	43271.3	
		Min	Cent	-25574.7	-14237.3	-8690.5	-8865.8	-28297.5	
				5972	-14722.7	-7427.1	-6973.7	-3204.8	-18945.0
				5936	-51603.8	-15647.9	-9273.0	-15429.4	-51822.3
				5935	-45922.6	-19779.3	-10559.2	-16090.7	-46402.5
				5971	-20236.7	-20161.5	-8699.1	-11516.2	-28882.0

		NODE	Vxx	Vyy
Max	Cent		71.1	33.9
		5972	72.5	46.7
		5936	72.5	36.8

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	5935	69.9	36.8
	5971	69.9	46.7
Min	Cent	-29.5	-24.5
	5972	-25.6	-37.3
	5936	-25.6	-46.8
	5935	-34.1	-46.8
	5971	-34.1	-37.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

5272	1	1	c mob-a	Max	Cent	564.8	176.4	71.4	577.5	163.7
10.09					5937	558.5	175.2	71.4	571.4	162.3
10.22					5902	558.5	179.5	71.4	571.5	166.5
10.33					5901	571.3	179.5	71.4	583.9	166.9
10.02					5936	571.3	175.2	71.4	583.8	162.7
9.92				Min	Cent	-15.3	-39.5	-81.7	55.2	-110.0
-40.79					5937	-16.0	-20.5	-81.7	63.5	-100.0
-44.22					5902	-16.0	-59.0	-81.7	47.0	-122.0
-37.63					5901	-17.0	-59.0	-81.7	46.4	-122.4
-37.79					5936	-17.0	-20.5	-81.7	63.0	-100.5
-44.39										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	4271.8	1551.8	3833.6	6979.5	-1155.8
35.23					5937	14119.1	8160.9	4040.2	16159.7	6120.3
26.80					5902	7650.2	1508.5	3111.2	8950.8	207.9
22.69					5901	12266.4	2533.7	2660.2	12946.1	1854.0
14.33					5936	26677.6	19964.5	3253.1	27995.4	18646.8
22.05				Min	Cent	-32592.8	-4745.7	-2886.1	-4449.8	-32888.8
-84.14					5937	-14641.2	-8579.3	-3167.3	-7226.3	-15994.1
-66.87					5902	-68168.3	-13059.8	-1902.5	-12994.2	-68233.9
-88.03					5901	-75491.1	-13902.0	-2886.6	-13767.0	-75626.1
-87.32					5936	-15708.8	-5151.6	-3628.8	-4024.6	-16835.8
-72.75										
				NODE	Vxx	Vyy				
				Max	Cent	84.1	3.2			
					5937	75.4	5.6			
					5902	75.4	2.6			
					5901	92.8	2.6			
					5936	92.8	5.6			
				Min	Cent	-12.3	-14.8			
					5937	-9.1	-27.6			
					5902	-9.1	-4.7			

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
			5901	-15.8	-4.7		
			5936	-15.8	-27.6		
ANGLE							

	c mob-b	Max	Cent	546.6	172.3	65.1	557.6
9.60			5937	540.5	168.1	65.1	551.6
9.64			5902	540.5	176.4	65.1	551.8
9.85			5901	552.7	176.4	65.1	563.7
9.55			5936	552.7	168.1	65.1	563.4
9.36							
		Min	Cent	-15.1	-39.4	-62.3	36.2
-39.48			5937	-15.1	-19.4	-62.3	45.1
-44.02			5902	-15.1	-60.3	-62.3	28.6
-35.04			5901	-16.1	-60.3	-62.3	27.9
-35.24			5936	-16.1	-19.4	-62.3	44.6
-44.24							
			NODE	Mxx	Myy	Mxy	Mmax
ANGLE							Mmin

		Max	Cent	1591.9	1839.5	1063.5	2786.4
48.32			5937	29175.2	23298.9	1176.5	29402.0
10.91			5902	3008.7	1989.7	1378.4	3968.8
34.86			5901	5778.3	1586.4	846.0	5942.6
10.99			5936	14409.0	7518.7	1134.1	14590.9
9.11							
		Min	Cent	-31879.9	-4905.6	-5883.4	-3678.2
-78.22			5937	-15114.4	-4439.8	-5176.5	-2341.8
-67.94			5902	-81112.6	-15887.3	-3716.9	-15676.2
-86.75			5901	-65457.4	-11587.0	-4797.1	-11163.1
-84.95			5936	-14188.7	-8366.3	-6731.4	-3943.6
-56.69							
			NODE	Vxx	Vyy		
		Max	Cent	88.1	15.5		
			5937	101.3	31.2		
			5902	101.3	3.8		
			5901	75.0	3.8		
			5936	75.0	31.2		
		Min	Cent	-5.7	-3.1		
			5937	-3.6	-3.3		
			5902	-3.6	-4.6		
			5901	-8.0	-4.6		
			5936	-8.0	-3.3		
	LC		NODE	Fxx	Fyy	Fxy	Fmax
							Fmin

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ANGLE

	pp	Cent	1554.6	471.7	-34.5	1555.7	470.6
-1.82		5937	1530.9	485.4	-34.5	1532.0	484.3
-1.89		5902	1530.9	457.9	-34.5	1532.0	456.8
-1.84		5901	1578.3	457.9	-34.5	1579.4	456.9
-1.76		5936	1578.3	485.4	-34.5	1579.4	484.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-88.32	Cent	-57705.8	-12332.1	-1335.0	-12292.9	-57745.0
-85.79	5937	-38325.6	-10400.1	-2067.8	-10247.8	-38477.9
-88.50	5902	-78351.2	-16467.0	-1623.7	-16424.5	-78393.8
-89.63	5901	-75613.6	-12142.7	-409.9	-12140.1	-75616.2
-88.27	5936	-38532.6	-10318.6	-854.0	-10292.8	-38558.4

NODE	Vxx	Vyy
Cent	42.0	-2.8
5937	43.1	-0.2
5902	43.1	-5.4
5901	40.8	-5.4
5936	40.8	-0.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-49.55	vento -y	Cent	-2.7	2.4	-16.0	16.1	-16.4
-45.12		5937	0.3	0.4	-16.0	16.4	-15.7
-48.71		5902	0.3	4.4	-16.0	18.5	-13.8
-53.76		5901	-5.7	4.4	-16.0	16.2	-17.4
-50.37		5936	-5.7	0.4	-16.0	13.7	-19.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.30	Cent	61.5	-67.0	135.3	147.0	-152.5
54.30	5937	16.8	119.2	152.1	228.6	-92.5
46.59	5902	305.4	317.3	106.3	417.8	204.9
13.71	5901	-160.0	-501.6	88.6	-138.4	-523.2
21.59	5936	83.7	-202.9	134.5	136.9	-256.1

NODE	Vxx	Vyy
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Cent	-0.0	0.8
5937	-0.3	0.5
5902	-0.3	1.0
5901	0.2	1.0
5936	0.2	0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-36.75	cedime~1	Cent	48.4	40.0	-14.1	59.0	29.5
-23.06		5937	55.2	28.0	-14.1	61.2	22.0
-41.89		5902	55.2	52.1	-14.1	67.9	39.4
-55.12		5901	41.6	52.1	-14.1	61.9	31.8
-32.10		5936	41.6	28.0	-14.1	50.5	19.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-37.99	Cent	-59.3	-425.7	-733.6	513.6	-998.7
-70.66	5937	-1314.7	678.7	-798.1	958.9	-1594.8
-29.26	5902	748.5	308.9	-359.0	949.7	107.8
-7.97	5901	2731.4	-963.6	-527.6	2805.3	-1037.5
-54.63	5936	-2402.6	-1726.8	-966.7	-1040.7	-3088.8

Cent	-4.0	2.8
5937	-2.4	3.1
5902	-2.4	2.4
5901	-5.5	2.4
5936	-5.5	3.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.43	perm	Cent	409.0	140.9	11.4	409.5	140.4
2.55		5937	401.3	146.5	11.4	401.8	145.9
2.45		5902	401.3	135.4	11.4	401.8	134.9
2.31		5901	416.7	135.4	11.4	417.2	134.9
2.41		5936	416.7	146.5	11.4	417.2	146.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-87.36	Cent	-15612.8	-3282.3	-569.1	-3256.1	-15639.0
	5937	-9653.4	-2117.1	-724.4	-2048.1	-9722.4

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-84.56			5902	-21901.0	-4460.2	-548.7	-4443.0	-21918.2
-88.20			5901	-20944.2	-3782.3	-340.4	-3775.5	-20951.0
-88.86			5936	-9952.4	-2769.7	-516.1	-2732.8	-9989.3
-85.91								

NODE	Vxx	Vyy
Cent	12.5	0.1
5937	13.1	0.9
5902	13.1	-0.7
5901	12.0	-0.7
5936	12.0	0.9

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.58	INV TO~1	Max	Cent	1219.9	419.0	107.8	1230.7	408.2
6.59			5937	1210.4	411.0	107.8	1221.2	400.1
6.75			5902	1210.4	429.8	107.8	1221.5	418.7
6.59			5901	1229.6	429.8	107.8	1240.4	419.0
6.44			5936	1229.6	411.0	107.8	1240.2	400.4
-16.67		Min	Cent	388.3	87.6	-113.1	418.0	57.9
-18.59			5937	379.7	118.8	-113.1	412.9	85.5
-15.64			5902	379.7	54.0	-113.1	407.4	26.3
-15.11			5901	393.8	54.0	-113.1	420.5	27.3
-17.87			5936	393.8	118.8	-113.1	425.7	86.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
67.24		Max	Cent	-9845.8	-799.0	4606.2	1133.5	-11381.7
43.80			5937	29733.1	30015.1	4729.8	34268.7	25204.8
72.44			5902	-10824.7	-1465.2	3651.4	-423.1	-11866.8
60.87			5901	-1653.1	-361.8	3250.9	1449.6	-4217.4
38.18			5936	26062.4	24182.4	3875.5	29110.3	21134.5
-79.73		Min	Cent	-59672.4	-10330.5	-9245.4	-8655.1	-61347.9
-68.34			5937	-31372.6	-13699.1	-8510.7	-10636.3	-34711.8
-86.99			5902	-131403.0	-25908.1	-5925.5	-25615.2	-131695.9
-85.68			5901	-122857.2	-23513.6	-7344.1	-22958.5	-123318.3
-65.03			5936	-33561.9	-15791.1	-10570.2	-10867.8	-38485.2

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Max	Cent	131.5	23.8
	5937	149.8	46.1
Min	5902	149.8	6.8
	5901	137.3	6.8
	5936	137.3	46.1
	Cent	-8.1	-19.9
	5937	-1.6	-36.4
Min	5902	-1.6	-7.1
	5901	-14.9	-7.1
	5936	-14.9	-36.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	INV TO~2	Max	Cent	2098.7	636.7	107.8	2100.2	635.3
-1.82			5937	2066.7	655.3	107.8	2068.3	653.8
-1.89			5902	2066.7	618.2	107.8	2068.2	616.7
-1.84			5901	2130.7	618.2	107.8	2132.1	616.8
-1.76			5936	2130.7	655.3	107.8	2132.2	653.8
-1.81		Min	Cent	388.3	87.6	-113.1	418.0	57.9
-16.67			5937	379.7	118.8	-113.1	412.9	85.5
-18.59			5902	379.7	54.0	-113.1	407.4	26.3
-15.64			5901	393.8	54.0	-113.1	420.5	27.3
-15.11			5936	393.8	118.8	-113.1	425.7	86.9
-17.87								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-----		Max	Cent	-9845.8	-799.0	4606.2	1133.5	-11381.7
67.24			5937	29733.1	30015.1	4729.8	34268.7	25204.8
43.80			5902	-10824.7	-1465.2	3651.4	-423.1	-11866.8
72.44			5901	-1653.1	-361.8	3250.9	1449.6	-4217.4
60.87			5936	26062.4	24182.4	3875.5	29110.3	21134.5
38.18		Min	Cent	-77902.8	-16648.4	-9245.4	-16595.4	-77955.7
-88.32			5937	-51739.6	-14040.2	-8510.7	-13834.6	-51945.1
-85.79			5902	-131403.0	-25908.1	-5925.5	-25615.2	-131695.9
-86.99			5901	-122857.2	-23513.6	-7344.1	-22958.5	-123318.3
-85.68			5936	-52019.0	-15791.1	-10570.2	-13895.2	-52053.9
-88.27								

	NODE	Vxx	Vyy
Max	Cent	131.5	23.8
	5937	149.8	46.1
	5902	149.8	6.8
	5901	137.3	6.8
	5936	137.3	46.1

PROJECT TITLE :

	Company		Client	
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Min	Cent	-8.1	-19.9
	5937	-1.6	-36.4
	5902	-1.6	-7.3
	5901	-14.9	-7.3
	5936	-14.9	-36.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5273	1	1	c mob-a	Max	Cent	484.4	145.8	94.9	509.2	121.0
14.64					5973	490.7	131.6	94.9	514.3	108.0
13.93					5937	490.7	163.5	94.9	516.3	138.0
15.06					5936	480.8	163.5	94.9	507.0	137.3
15.45					5972	480.8	131.6	94.9	504.9	107.4
14.27				Min	Cent	-17.1	-20.3	-113.1	94.4	-131.8
-44.59					5973	-17.0	-19.8	-113.1	94.6	-131.5
-44.65					5937	-17.0	-21.1	-113.1	94.0	-132.2
-44.48					5936	-17.1	-21.1	-113.1	94.0	-132.2
-44.49					5972	-17.1	-19.8	-113.1	94.6	-131.5
-44.66										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	22587.4	13339.9	3313.6	23652.2	12275.2
17.81					5973	27428.1	11010.0	3323.7	28075.4	10362.7
11.02					5937	14103.5	7984.9	3212.2	15480.1	6608.2
23.20					5936	25629.5	19398.0	2807.7	26707.9	18319.6
21.01					5972	34634.0	26805.2	2302.2	35260.8	26178.4
15.23				Min	Cent	-9083.9	-2422.4	-4379.8	-250.7	-11255.6
-63.63					5973	-5823.6	-1847.4	-3198.1	-69.8	-7601.2
-60.93					5937	-15471.7	-8574.9	-3082.1	-7398.3	-16648.3
-69.11					5936	-17756.4	-5091.1	-4292.4	-3773.4	-19074.0
-72.94					5972	-8414.1	-4887.7	-4555.6	-1766.0	-11535.8
-55.58										
				NODE	Vxx	Vyy				
				Max	Cent	41.7	6.9			
					5973	37.3	9.2			
					5937	37.3	5.6			
					5936	46.6	5.6			
					5972	46.6	9.2			
				Min	Cent	-17.8	-26.3			
					5973	-10.7	-28.6			
					5937	-10.7	-27.6			
					5936	-25.3	-27.6			
					5972	-25.3	-28.6			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
15.34	c mob-b	Max Cent	468.7	143.6	96.4	495.2	117.2
14.62		5973	472.6	127.9	96.4	497.8	102.8
15.69		5937	472.6	156.4	96.4	499.7	129.3
15.91		5936	467.3	156.4	96.4	494.8	128.9
14.81		5972	467.3	127.9	96.4	492.8	102.5
-44.60		Min Cent	-16.8	-19.2	-87.7	69.7	-105.7
-44.77		5973	-17.3	-18.7	-87.7	69.7	-105.7
-44.56		5937	-17.3	-20.0	-87.7	69.1	-106.4
-44.39		5936	-16.3	-20.0	-87.7	69.6	-105.9
-44.60		5972	-16.3	-18.7	-87.7	70.2	-105.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
17.95	Max Cent	23962.2	15190.8	3175.1	24990.9	14162.2
22.88	5973	38764.1	31350.2	3806.4	40370.3	29743.9
20.04	5937	27994.8	22627.7	2257.8	28818.3	21804.2
12.32	5936	14376.1	7381.5	1604.1	14726.4	7031.2
9.37	5972	27119.6	10296.1	2854.3	27590.7	9825.0
-58.46	Min Cent	-7476.2	-2255.9	-5141.8	900.3	-10632.4
-53.04	5973	-2784.1	-831.0	-3389.2	1719.5	-5334.7
-73.63	5937	-17842.3	-4437.1	-4309.2	-3171.4	-19108.1
-59.79	5936	-14738.1	-8319.7	-5655.4	-5026.4	-18031.4
-47.29	5972	-4213.4	-3412.1	-5006.7	1210.0	-8835.5

	NODE	Vxx	Vyy
Max	Cent	43.2	31.1
	5973	50.1	35.3
	5937	50.1	31.2
	5936	36.5	31.2
	5972	36.5	35.3
Min	Cent	-17.3	-3.7
	5973	-25.0	-4.2
	5937	-25.0	-3.3
	5936	-10.3	-3.3
	5972	-10.3	-4.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-3.15          pp          Cent    1336.8    376.6    -53.0    1339.7    373.7
-2.96          5973      1335.4    311.4    -53.0    1338.1    308.6
-3.38          5937      1335.4    441.8    -53.0    1338.5    438.7
-3.37          5936      1338.1    441.8    -53.0    1341.3    438.7
-2.95          5972      1338.1    311.4    -53.0    1340.9    308.6
  
```

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----
-83.61          Cent    -19695.5  -4458.1  -1729.0  -4264.4  -19889.2
-72.55          5973      -963.6    2245.8  -1119.3   2597.6  -1315.4
-88.00          5937     -38519.7 -10438.9  -981.5  -10404.7 -38554.0
-85.36          5936     -37947.1 -10201.5 -2267.8  -10017.3 -38131.2
-55.85          5972     -1351.6    562.2  -2405.6   2194.2  -2983.6
  
```

NODE	Vxx	Vyy
Cent	35.7	1.1
5973	36.0	2.3
5937	36.0	-0.2
5936	35.4	-0.2
5972	35.4	2.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

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-----
-49.33          vento -y    Cent     -1.8     0.0     -6.0     5.2     -6.9
-48.11          5973      -1.8     -0.5     -6.0     4.8     -7.2
-50.71          5937      -1.8     0.6     -6.0     5.5     -6.7
-50.53          5936      -1.8     0.6     -6.0     5.5     -6.7
-47.93          5972      -1.8     -0.5     -6.0     4.9     -7.2
  
```

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

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-----
39.03          Cent     5.0    -36.8    99.0    85.3    -117.1
55.29          5973    -20.8    47.4    90.9    110.4    -83.8
55.01          5937    41.7    124.2   113.2   203.4    -37.5
20.05          5936    36.5   -212.3   104.8    74.7   -250.5
33.62          5972   -37.3  -106.6    82.6    17.5   -161.5
  
```

NODE	Vxx	Vyy
Cent	-0.1	0.3

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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5973      -0.0      0.2
5937      -0.0      0.5
5936      -0.1      0.5
5972      -0.1      0.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.34	cedime~1	Cent	45.6	19.4	25.4	61.1	3.9
29.89		5973	40.9	11.3	25.4	55.5	-3.3
37.58		5937	40.9	27.4	25.4	60.5	7.9
32.86		5936	50.4	27.4	25.4	66.8	11.0
26.23		5972	50.4	11.3	25.4	62.9	-1.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-78.38	Cent	-2272.3	-584.2	-362.5	-509.7	-2346.9
-88.57	5973	-1685.8	899.9	-64.5	901.5	-1687.4
-74.70	5937	-1382.5	665.2	-605.3	830.7	-1548.0
-60.55	5936	-2490.9	-1744.5	-618.7	-1395.1	-2840.2
-86.76	5972	-3530.3	-2157.6	-78.0	-2153.1	-3534.7

```

NODE      Vxx      Vyy
Cent      -0.7      3.5
5973      -0.4      3.9
5937      -0.4      3.1
5936      -1.0      3.1
5972      -1.0      3.9
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5.11	perm	Cent	350.0	119.1	20.8	351.8	117.2
4.88		5973	345.7	103.5	20.8	347.5	101.8
5.58		5937	345.7	134.6	20.8	347.7	132.6
5.37		5936	354.2	134.6	20.8	356.2	132.7
4.71		5972	354.2	103.5	20.8	355.9	101.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-81.44	Cent	-4822.9	-776.9	-623.3	-683.0	-4916.7
-73.00	5973	394.3	1575.2	-398.3	1696.9	272.5
	5937	-9803.0	-2147.0	-421.9	-2123.8	-9826.1

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-86.86
 -83.49
 -49.10

NODE	Vxx	Vyy
Cent	9.6	1.3
5973	9.7	1.8
5937	9.7	0.9
5936	9.5	0.9
5972	9.5	1.8

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Max	Cent	1049.5	335.3	176.4	1090.7	294.1
		5973	1049.1	292.4	176.4	1088.2	253.3
		5937	1049.1	382.8	176.4	1092.9	339.0
		5936	1053.6	382.8	176.4	1097.2	339.2
		5972	1053.6	292.4	176.4	1092.5	253.5
	Min	Cent	326.9	91.7	-131.8	386.0	32.6
		5973	322.4	76.8	-131.8	379.7	19.4
		5937	322.4	106.1	-131.8	384.7	43.7
		5936	331.1	106.1	-131.8	391.9	45.3
		5972	331.1	76.8	-131.8	387.1	20.8

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin		
Max	Cent	27526.2	19730.7	3850.0	29107.0	18149.9	
	5973	52725.8	44797.8	4740.4	54789.0	42297.1	
	5937	27990.1	29065.5	3914.6	32115.2	24306.4	
	5936	24729.9	23434.1	2968.2	27120.0	21043.9	
	5972	46743.0	36404.5	3054.7	47578.1	35569.3	
	Min	Cent	-19358.4	-4631.4	-7927.3	-1175.3	-22814.5
		5973	-9153.3	-918.9	-5038.2	1761.5	-11386.3
		5937	-35272.6	-13723.0	-6844.7	-11948.8	-37212.2
		5936	-36331.9	-15729.2	-9075.7	-12301.6	-39759.6
		5972	-14902.2	-8538.5	-7635.6	-3448.3	-19992.4

NODE	Vxx	Vyy	
Max	Cent	68.0	46.8
5973	77.4	53.3	

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	5937	77.4	46.1
	5936	72.5	46.1
	5972	72.5	53.3
Min	Cent	-15.1	-34.2
	5973	-24.5	-36.8
	5937	-24.5	-36.4
	5936	-25.6	-36.4
	5972	-25.6	-36.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	1804.6	508.4	176.4	1808.6	504.5
-3.15			5973	1802.8	420.3	176.4	1806.5	416.6
-2.96			5937	1802.8	596.5	176.4	1807.0	592.3
-3.38			5936	1806.5	596.5	176.4	1810.7	592.3
-3.37			5972	1806.5	420.3	176.4	1810.2	416.6
-2.95		Min	Cent	326.9	91.7	-131.8	386.0	32.6
-24.13			5973	322.4	76.8	-131.8	379.7	19.4
-23.52			5937	322.4	106.1	-131.8	384.7	43.7
-25.32			5936	331.1	106.1	-131.8	391.9	45.3
-24.76			5972	331.1	76.8	-131.8	387.1	20.8
-23.02								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	27526.2	19730.7	3850.0	29107.0	18149.9	
22.32		5973	52725.8	44797.8	4740.4	54789.0	42297.1	
23.52		5937	27990.1	29065.5	3914.6	32115.2	24306.4	
46.50		5936	24729.9	23434.1	2968.2	27120.0	21043.9	
38.84		5972	46743.0	36404.5	3054.7	47578.1	35569.3	
15.29		Min	Cent	-26588.9	-6018.4	-7927.3	-5756.9	-26850.5
-83.61			5973	-9153.3	-918.9	-5038.2	1761.5	-11386.3
-61.68			5937	-52001.6	-14092.6	-6844.7	-14046.3	-52047.8
-88.00			5936	-51228.6	-15729.2	-9075.7	-13523.4	-51477.2
-85.36			5972	-14902.2	-8538.5	-7635.6	-3448.3	-19992.4
-56.31								

	NODE	Vxx	Vyy	
	Max	Cent	68.0	46.8
		5973	77.4	53.3
		5937	77.4	46.1
		5936	72.5	46.1
		5972	72.5	53.3
	Min	Cent	-15.1	-34.2
		5973	-24.5	-36.8

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5937 -24.5 -36.4
 5936 -25.6 -36.4
 5972 -25.6 -36.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

5358	1	1	c mob-a	Max	Cent	573.8	212.9	96.1	597.8	188.9
14.02					5938	579.0	168.6	96.1	600.4	147.2
12.55					5903	579.0	261.7	96.1	605.8	234.9
15.60					5902	568.6	261.7	96.1	596.2	234.1
16.03					5937	568.6	168.6	96.1	590.5	146.7
12.83				Min	Cent	-15.2	-33.6	-65.3	41.5	-90.3
-40.98					5938	-16.0	-22.9	-65.3	45.9	-84.8
-43.49					5903	-16.0	-47.4	-65.3	35.4	-98.8
-38.22					5902	-14.9	-47.4	-65.3	36.1	-98.4
-38.00					5937	-14.9	-22.9	-65.3	46.5	-84.3
-43.26										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	3532.4	1392.8	3913.5	6519.7	-1594.5
37.36					5938	16673.9	7510.8	4906.0	18805.0	5379.7
23.48					5903	8328.7	1698.9	3193.6	9616.8	410.8
21.97					5902	7785.4	1614.8	2225.4	8504.2	895.9
17.90					5937	14216.3	7539.3	3905.0	16015.3	5740.2
24.74				Min	Cent	-32497.8	-7959.0	-2542.7	-7698.3	-32758.5
-84.15					5938	-13484.5	-7106.7	-2734.7	-6094.7	-14496.5
-69.69					5903	-67522.3	-14861.4	-1956.4	-14788.8	-67594.9
-87.88					5902	-68297.0	-13701.1	-1964.6	-13630.5	-68367.6
-87.94					5937	-14711.6	-8034.7	-2843.2	-6988.1	-15758.2
-69.79										

				NODE	Vxx	Vyy				

				Max	Cent	75.8	7.3			
					5938	76.4	14.6			
					5903	76.4	4.5			
					5902	75.4	4.5			
					5937	75.4	14.6			
				Min	Cent	-10.0	-5.9			
					5938	-10.7	-8.6			
					5903	-10.7	-7.7			
					5902	-9.1	-7.7			
					5937	-9.1	-8.6			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

14.04	c mob-b	Max Cent	553.0	195.7	95.3	576.8	171.8
12.69		5938	558.0	156.5	95.3	579.5	135.0
15.27		5903	558.0	235.1	95.3	584.0	209.1
15.67		5902	548.0	235.1	95.3	574.8	208.4
12.98		5937	548.0	156.5	95.3	570.0	134.5
-38.55		Min Cent	-15.1	-35.4	-44.3	20.2	-70.7
-43.92		5938	-16.1	-19.4	-44.3	26.6	-62.1
-33.61		5903	-16.1	-53.3	-44.3	13.4	-82.8
-33.31		5902	-15.0	-53.3	-44.3	14.2	-82.4
-43.57		5937	-15.0	-19.4	-44.3	27.2	-61.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin


60.51	Max Cent	1437.3	7005.9	4629.7	9624.0	-1180.8
32.59	5938	30831.9	24369.3	6988.4	35299.9	19901.3
43.37	5903	3310.7	2755.5	4872.4	7913.4	-1847.2
38.56	5902	3076.7	2214.5	1884.1	4578.4	712.8
26.72	5937	28844.0	22938.2	3981.9	30848.5	20933.7
-81.52	Min Cent	-31724.7	-6169.2	-3898.8	-5587.6	-32306.3
-69.50	5938	-14993.5	-5928.2	-3941.1	-4454.4	-16467.3
-87.30	5903	-78663.3	-15776.5	-2972.0	-15636.3	-78803.5
-87.44	5902	-81007.4	-15304.6	-2944.4	-15172.9	-81139.1
-69.15	5937	-15057.9	-5815.7	-4117.5	-4247.5	-16626.2

	NODE	Vxx	Vyy
Max	Cent	100.6	6.4
	5938	99.8	14.4
	5903	99.8	4.0
	5902	101.3	4.0
	5937	101.3	14.4
Min	Cent	-4.2	-6.7
	5938	-4.8	-11.2
	5903	-4.8	-7.6
	5902	-3.6	-7.6
	5937	-3.6	-11.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	1556.9	547.6	85.0	1564.0	540.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4.78							
	5938	1567.7	462.6	85.0	1574.2	456.1	
4.37							
	5903	1567.7	632.6	85.0	1575.4	625.0	
5.15							
	5902	1546.1	632.6	85.0	1553.9	624.8	
5.27							
	5937	1546.1	462.6	85.0	1552.7	456.0	
4.46							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

	Cent	-58935.0	-15990.2	-3061.1	-15773.1	-59152.1	
-85.94							
	5938	-34673.9	-13944.7	-3068.6	-13500.0	-35118.6	
-81.75							
	5903	-84314.5	-22775.2	-2936.0	-22635.4	-84454.3	
-87.27							
	5902	-78224.8	-15835.0	-2421.6	-15741.1	-78318.6	
-87.78							
	5937	-38526.8	-11406.1	-2554.2	-11167.6	-38765.2	
-84.67							

NODE	Vxx	Vyy
-----	-----	-----
Cent	48.2	-9.4
5938	53.2	-6.9
5903	53.2	-11.9
5902	43.1	-11.9
5937	43.1	-6.9

LC ANGLE NODE Fxx Fyy Fxy Fmax Fmin

	vento -y	Cent	-0.5	-11.0	-15.0	10.1	-21.7
-35.35							
		5938	1.4	-2.5	-15.0	14.6	-15.7
-41.35							
		5903	1.4	-19.6	-15.0	9.2	-27.4
-27.53							
		5902	-2.4	-19.6	-15.0	6.3	-28.3
-30.10							
		5937	-2.4	-2.5	-15.0	12.5	-17.5
-44.95							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Cent	205.5	346.0	97.6	396.0	155.5
62.87							
		5938	9.1	342.0	90.4	364.9	-13.9
75.74							
		5903	495.3	629.2	61.2	653.0	471.6
68.79							
		5902	296.6	272.9	91.1	376.6	192.9
41.30							
		5937	21.0	139.9	120.3	214.6	-53.8
58.14							

NODE	Vxx	Vyy
-----	-----	-----
Cent	-0.4	0.5
5938	-0.5	0.4
5903	-0.5	0.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5902			-0.3	0.7			
5937			-0.3	0.4			
ANGLE							

	cedime~1	Cent	49.9	-12.5	-7.1	50.7	-13.3
-6.39		5938	55.1	15.3	-7.1	56.3	14.1
-9.79		5903	55.1	-40.3	-7.1	55.6	-40.8
-4.22		5902	44.7	-40.3	-7.1	45.2	-40.9
-4.73		5937	44.7	15.3	-7.1	46.3	13.7
-12.87							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-378.4	1132.1	-525.1	1296.7	-543.0
-72.59		5938	-899.6	1586.8	-636.0	1740.1	-1052.8
-76.45		5903	-174.9	1317.8	-289.3	1371.9	-229.0
-79.40		5902	912.7	1129.9	-315.1	1354.6	688.0
-54.51		5937	-1351.7	493.7	-661.7	706.5	-1564.4
-72.18							
		NODE	Vxx	Vyy			

		Cent	-1.6	1.5			
		5938	-0.9	2.1			
		5903	-0.9	0.8			
		5902	-2.4	0.8			
		5937	-2.4	2.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	403.9	145.9	45.7	411.8	138.1
9.75		5938	405.5	134.9	45.7	413.0	127.4
9.33		5903	405.5	156.9	45.7	413.7	148.8
10.09		5902	402.3	156.9	45.7	410.5	148.7
10.21		5937	402.3	134.9	45.7	409.9	127.4
9.43							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-15862.9	-3799.1	-807.8	-3745.3	-15916.7
-86.19		5938	-8706.1	-2833.4	-753.5	-2738.3	-8801.2
-82.80		5903	-23167.4	-5667.1	-779.0	-5632.5	-23202.0
-87.46		5902	-21872.0	-4315.5	-716.9	-4286.3	-21901.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.67
-84.66

NODE	Vxx	Vyy
Cent	14.3	-1.8
5938	15.4	-1.4
5903	15.4	-2.3
5902	13.1	-2.3
5937	13.1	-1.4

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Max	Cent	1228.4	433.4	175.4	1262.1	394.1
		5938	1242.3	377.9	175.4	1273.9	346.2
		5903	1242.3	510.2	175.4	1277.4	467.5
		5902	1214.6	510.2	175.4	1250.9	466.5
		5937	1214.6	377.9	175.4	1247.2	345.3
	Min	Cent	383.4	85.6	-49.5	389.6	78.7
		5938	383.9	104.1	-49.5	390.2	97.8
		5903	383.9	44.7	-49.5	389.8	38.5
		5902	382.1	44.7	-49.5	388.0	38.3
		5937	382.1	104.1	-49.5	388.4	97.7

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin		
Max	Cent	-11094.2	6790.9	5442.2	8030.6	-12706.9	
	5938	32917.0	31651.9	8680.9	40288.3	23787.7	
	5903	-11923.7	-629.4	5798.7	1588.3	-14316.2	
	5902	-10449.1	-196.0	2287.5	170.4	-10815.4	
	5937	29233.4	29079.8	4684.2	33605.1	24413.9	
	Min	Cent	-60113.2	-14543.8	-6596.3	-13742.4	-61027.0
		5938	-29846.9	-12427.5	-6710.0	-10434.6	-31977.0
		5903	-129537.7	-26965.4	-5080.6	-26741.7	-129785.6
		5902	-131232.1	-24976.7	-5006.9	-24769.9	-131438.9
		5937	-31386.0	-13227.3	-6911.7	-11157.9	-33668.0

NODE	Vxx	Vyy	
Max	Cent	150.0	9.5
	5938	150.2	20.5
	5903	150.2	4.6
	5902	149.8	4.6

PROJECT TITLE :

	Company		Client	
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	Min	5937	149.8	20.5
	Cent		-0.8	-10.8
		5938	0.1	-16.5
		5903	0.1	-12.7
		5902	-1.6	-12.7
		5937	-1.6	-16.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
4.78	INV TO~2	Max Cent	2101.8	739.3	175.4	2111.4	729.7
4.37		5938	2116.4	624.5	175.4	2125.2	615.7
5.15		5903	2116.4	854.1	175.4	2126.8	843.7
5.27		5902	2087.2	854.1	175.4	2097.8	843.5
4.46		5937	2087.2	624.5	175.4	2096.2	615.6
-8.28		Min Cent	383.4	85.6	-49.5	389.6	78.7
-8.43		5938	383.9	104.1	-49.5	390.2	97.8
-7.92		5903	383.9	44.7	-49.5	389.8	38.5
-7.97		5902	382.1	44.7	-49.5	388.0	38.3
-8.49		5937	382.1	104.1	-49.5	388.4	97.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
75.85	Max Cent	-11094.2	6790.9	5442.2	8030.6	-12706.9
40.34	5938	32917.0	31651.9	8680.9	40288.3	23787.7
68.07	5903	-11923.7	-629.4	5798.7	1588.3	-14316.2
79.48	5902	-10449.1	-196.0	2287.5	170.4	-10815.4
43.02	5937	29233.4	29079.8	4684.2	33605.1	24413.9
-85.94	Min Cent	-79562.3	-21586.8	-6596.3	-21293.7	-79855.3
-81.75	5938	-46809.8	-18825.4	-6710.0	-18225.0	-47410.2
-87.27	5903	-129537.7	-30746.5	-5080.6	-30557.9	-129785.6
-87.48	5902	-131232.1	-24976.7	-5006.9	-24769.9	-131438.9
-84.67	5937	-52011.2	-15398.2	-6911.7	-15076.3	-52333.1

	NODE	Vxx	Vyy
Max	Cent	150.0	9.5
	5938	150.2	20.5
	5903	150.2	4.6
	5902	149.8	4.6
	5937	149.8	20.5
Min	Cent	-0.8	-12.6
	5938	0.1	-16.5
	5903	0.1	-16.0
	5902	-1.6	-16.0

PROJECT TITLE :

	Company		Client	
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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
				5937	-1.6	-16.5					

5359	1	1	c mob-a	Max	Cent	502.7	132.0	123.7	540.2	94.5	
	16.87					5974	516.1	115.0	123.7	551.2	79.9
	15.84					5938	516.1	157.2	123.7	554.6	118.6
	17.29					5937	489.3	157.2	123.7	530.3	116.1
	18.35					5973	489.3	115.0	123.7	526.5	77.8
	16.74			Min	Cent	-16.7	-21.2	-80.6	61.7	-99.7	
	-44.20					5974	-16.1	-19.8	-80.6	62.7	-98.6
	-44.36					5938	-16.1	-23.8	-80.6	60.8	-100.7
	-43.64					5937	-17.4	-23.8	-80.6	60.1	-101.3
	-43.86					5973	-17.4	-19.8	-80.6	62.1	-99.2
	-44.58										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin		

				Max	Cent	19297.2	8986.2	3569.8	20412.5	7870.9	
	17.35					5974	24657.2	13570.9	3468.7	25653.0	12575.1
	16.02					5938	16102.2	7392.4	4462.5	17982.6	5512.0
	22.85					5937	14197.7	7363.2	3504.3	15675.1	5885.9
	22.86					5973	27710.8	11399.1	2191.7	28000.2	11109.7
	7.52			Min	Cent	-8405.5	-4116.9	-1251.4	-3778.5	-8743.9	
	-74.87					5974	-5760.4	-5209.8	-974.3	-4472.7	-6497.5
	-52.89					5938	-13437.4	-7020.8	-1588.3	-6649.2	-13809.0
	-76.83					5937	-15546.2	-8037.6	-1976.4	-7549.2	-16034.7
	-76.12					5973	-5749.0	-1401.1	-899.4	-1222.4	-5927.7
	-78.76										
				NODE	Vxx	Vyy					
				Max	Cent	35.9	11.2				
						5974	34.7	12.0			
						5938	34.7	14.6			
						5937	37.3	14.6			
						5973	37.3	12.0			
				Min	Cent	-12.9	-8.2				
						5974	-15.3	-9.2			
						5938	-15.3	-8.6			
						5937	-10.7	-8.6			
						5973	-10.7	-9.2			
				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

				ANGLE							

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	c mob-b	Max	Cent	482.3	119.3	126.6	522.1	79.5
17.45				5974	493.9	106.2	126.6	68.5
16.58				5938	493.9	142.9	126.6	102.0
17.91				5937	470.8	142.9	126.6	99.7
18.84				5973	470.8	106.2	126.6	66.6
17.39		Min	Cent		-16.9	-18.9	-55.9	38.1
-44.50				5974	-16.5	-18.2	-55.9	38.6
-44.59				5938	-16.5	-19.7	-55.9	37.8
-44.18				5937	-17.3	-19.7	-55.9	37.4
-44.39				5973	-17.3	-18.2	-55.9	38.2
-44.79								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	27255.4	25198.9	4943.2	31276.1	21178.1
39.12				5974	35631.4	30951.6	5966.3	26882.8
34.29				5938	29812.3	23823.0	6524.1	19639.1
32.67				5937	27660.8	22268.4	3940.2	20190.3
27.81				5973	38715.6	31148.2	2832.3	30205.6
18.41		Min	Cent		-7268.7	-2886.1	-2509.6	-1745.7
-65.56				5974	-3303.8	-2177.9	-2651.6	-30.1
-50.99				5938	-16582.0	-5891.0	-2461.6	-5351.4
-77.64				5937	-17782.9	-5815.6	-2753.7	-5212.3
-77.64				5973	-2679.0	-576.4	-2262.6	867.3
-57.46								
			NODE	Vxx	Vyy			
		Max	Cent	48.5	12.6			
				5974	46.9	14.1		
				5938	46.9	14.4		
				5937	50.1	14.4		
				5973	50.1	14.1		
		Min	Cent	-27.1	-11.1			
				5974	-29.3	-13.7		
				5938	-29.3	-11.2		
				5937	-25.0	-11.2		
				5973	-25.0	-13.7		
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp		Cent	1355.5	343.1	89.6	1363.4	335.2
5.02				5974	1382.3	263.8	89.6	1389.4

PROJECT TITLE :

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4.55							
	5938	1382.3	422.3	89.6	1390.6	414.0	
5.29							
	5937	1328.7	422.3	89.6	1337.5	413.5	
5.59							
	5973	1328.7	263.8	89.6	1336.2	256.3	
4.78							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	-18909.2	-5299.8	1229.9	-5189.5	-19019.5
84.88						
	5974	-1609.0	1753.2	2760.2	3303.9	-3159.7
60.67						
	5938	-34369.6	-13883.9	958.0	-13839.2	-34414.3
87.33						
	5937	-38720.9	-11444.9	-628.7	-11430.4	-38735.4
-88.68						
	5973	-937.5	2376.4	1173.5	2749.9	-1310.9
72.35						

	NODE	Vxx	Vyy
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	Cent	33.3	-3.9
	5974	30.5	-1.0
	5938	30.5	-6.9
	5937	36.0	-6.9
	5973	36.0	-1.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	-2.3	-1.7	-6.3	4.3	-8.4
-46.26							
		5974	-2.4	-0.6	-6.3	4.9	-7.9
-48.95							
		5938	-2.4	-2.8	-6.3	3.7	-9.0
-43.99							
		5937	-2.2	-2.8	-6.3	3.8	-8.9
-43.54							
		5973	-2.2	-0.6	-6.3	5.0	-7.8
-48.50							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	16.4	168.4	70.7	196.2	-11.4
68.54						
	5974	-7.1	134.2	47.0	148.4	-21.2
73.19						
	5938	48.1	349.8	64.7	363.1	34.8
78.39						
	5937	45.8	144.8	94.8	202.3	-11.6
58.78						
	5973	-21.4	44.7	77.1	95.5	-72.2
56.60						

	NODE	Vxx	Vyy
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	Cent	-0.0	0.3
	5974	-0.0	0.2
	5938	-0.0	0.4
	5937	-0.0	0.4
	5973	-0.0	0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.27	cedime~1	Cent	37.0	12.0	28.7	55.9	-6.8
34.01		5974	34.6	11.4	28.7	54.0	-8.0
34.59		5938	34.6	12.7	28.7	54.4	-7.1
32.54		5937	39.4	12.7	28.7	57.8	-5.6
31.99		5973	39.4	11.4	28.7	57.4	-6.6
			NODE	Mxx	Myy	Mxy	Mmax
-82.85		Cent	-1203.2	1095.6	-292.8	1132.3	-1239.9
-89.27		5974	-675.4	1822.3	-31.7	1822.7	-675.8
-79.56		5938	-952.8	1576.2	-482.4	1665.1	-1041.7
-75.84		5937	-1419.5	480.2	-511.7	609.2	-1548.5
-88.46		5973	-1765.0	503.8	-61.0	505.5	-1766.6
		NODE	Vxx	Vyy			
		Cent	-0.1	2.2			
		5974	0.2	2.3			
		5938	0.2	2.1			
		5937	-0.4	2.1			
		5973	-0.4	2.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
12.99	perm	Cent	347.5	105.2	59.0	361.1	91.6
11.99		5974	352.1	86.7	59.0	364.6	74.2
13.66		5938	352.1	123.7	59.0	366.4	109.3
14.15		5937	342.9	123.7	59.0	357.8	108.8
12.37		5973	342.9	86.7	59.0	355.9	73.8
			NODE	Mxx	Myy	Mxy	Mmax
85.72		Cent	-4494.8	-508.3	300.3	-485.8	-4517.3
67.64		5974	161.3	1587.8	706.3	1878.4	-129.3
87.27		5938	-8688.2	-2829.8	279.8	-2816.5	-8701.5
-88.48		5937	-9855.6	-2410.3	-198.3	-2405.0	-9860.9
		5973	403.1	1619.3	228.2	1660.7	361.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

79.72

NODE	Vxx	Vyy
Cent	9.0	-0.7
5974	8.2	0.0
5938	8.2	-1.4
5937	9.7	-1.4
5973	9.7	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
16.99	INV TO~1	Max	Cent	1063.1	295.5	258.7	1142.1	218.0
15.97			5974	1083.3	253.3	258.7	1157.3	181.0
17.58			5938	1083.3	348.6	258.7	1165.2	268.1
18.35			5937	1042.9	348.6	258.7	1128.7	264.3
16.62			5973	1042.9	253.3	258.7	1120.1	177.9
-10.95		Min	Cent	324.6	76.6	-49.9	334.3	66.9
-10.15			5974	329.7	60.1	-49.9	338.6	51.2
-11.36			5938	329.7	91.6	-49.9	339.7	81.5
-11.81			5937	319.5	91.6	-49.9	329.9	81.1
-10.51			5973	319.5	60.1	-49.9	328.7	50.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
47.48	Max	Cent	32299.9	34605.8	6973.5	25944.0	
41.10		5974	48263.7	45194.8	8760.8	37580.8	
41.51		5938	31558.5	30907.4	9087.3	22150.3	
45.46		5937	27486.4	28132.2	5120.9	22447.7	
21.00		5973	52669.2	44173.3	4051.8	54224.6	42318.3
-73.86	Min	Cent	-17045.4	-6066.1	-3380.5	-17927.3	
-55.34		5974	-8290.6	-5445.4	-2905.0	-9683.2	
-81.01		5938	-32026.6	-12307.9	-3525.7	-11826.7	-32595.2
-79.59		5937	-35282.0	-13261.1	-4427.5	-12541.9	-36121.9
-70.71		5973	-9123.0	-272.3	-2887.3	717.0	-9942.4

NODE	Vxx	Vyy	
Max	Cent	74.4	18.6
	5974	71.7	21.4
	5938	71.7	20.5
	5937	77.4	20.5
	5973	77.4	21.4
Min	Cent	-27.7	-15.7

PROJECT TITLE :

	Company		Client	
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5974 -31.4 -18.4
 5938 -31.4 -16.5
 5937 -24.5 -16.5
 5973 -24.5 -18.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5.02	INV TO~2	Max Cent	1829.9	463.1	258.7	1840.5	452.5
4.55		5974	1866.0	356.1	258.7	1875.7	346.5
5.29		5938	1866.0	570.1	258.7	1877.2	558.9
5.59		5937	1793.7	570.1	258.7	1805.6	558.3
4.78		5973	1793.7	356.1	258.7	1803.9	346.0
-10.95		Min Cent	324.6	76.6	-49.9	334.3	66.9
-10.15		5974	329.7	60.1	-49.9	338.6	51.2
-11.36		5938	329.7	91.6	-49.9	339.7	81.5
-11.81		5937	319.5	91.6	-49.9	329.9	81.1
-10.51		5973	319.5	60.1	-49.9	328.7	50.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.48		Max Cent	32299.9	34605.8	6973.5	39904.8	25944.0
41.10		5974	48263.7	45194.8	8760.8	55202.4	37580.8
41.51		5938	31558.5	30907.4	9087.3	39600.1	22150.3
45.46		5937	27486.4	28132.2	5120.9	32690.8	22447.7
21.00		5973	52669.2	44173.3	4051.8	54224.6	42318.3
84.88		Min Cent	-25527.5	-7154.7	-3380.5	-7005.9	-25676.3
-55.34		5974	-8290.6	-5445.4	-2905.0	-3459.0	-9683.2
87.33		5938	-46398.9	-18743.2	-3525.7	-18682.9	-46459.3
-88.68		5937	-52273.2	-15450.6	-4427.5	-15431.1	-52292.7
-70.71		5973	-9123.0	-272.3	-2887.3	717.0	-9942.4
		NODE	Vxx	Vyy			
		Max Cent	74.4	18.6			
		5974	71.7	21.4			
		5938	71.7	20.5			
		5937	77.4	20.5			
		5973	77.4	21.4			
		Min Cent	-27.7	-15.7			
		5974	-31.4	-18.4			
		5938	-31.4	-16.5			
		5937	-24.5	-16.5			
		5973	-24.5	-18.4			

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	Company		Client	
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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5444	1	1	c mob-a	Max	Cent	608.2	236.5	120.7	644.0	200.8
16.50					5939	632.9	166.3	120.7	662.3	137.0
13.68					5904	632.9	320.5	120.7	674.1	279.3
18.84					5903	583.5	320.5	120.7	630.5	273.5
21.27					5938	583.5	166.3	120.7	615.9	133.9
15.02				Min	Cent	-15.0	-26.9	-61.4	40.7	-82.6
-42.24					5939	-16.9	-23.3	-61.4	41.4	-81.5
-43.50					5904	-16.9	-41.1	-61.4	33.6	-91.6
-39.41					5903	-14.3	-41.1	-61.4	35.1	-90.5
-38.84					5938	-14.3	-23.3	-61.4	42.8	-80.3
-42.90										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3122.3	6491.8	5653.8	10706.5	-1092.4
53.30					5939	26111.4	29131.1	7272.1	35048.4	20194.1
50.86					5904	10310.1	5714.5	3977.7	12606.1	3418.6
29.99					5903	8316.8	1706.7	3438.9	9781.4	242.1
23.07					5938	16396.1	7396.8	6654.0	19929.0	3863.8
27.97				Min	Cent	-29206.2	-9503.1	-2401.9	-9214.5	-29494.8
-83.15					5939	-13426.5	-11786.7	-2081.7	-10369.3	-14843.9
-55.75					5904	-66402.9	-17561.2	-2091.7	-17471.8	-66492.4
-87.55					5903	-67626.9	-15276.1	-3005.7	-15104.1	-67798.9
-86.72					5938	-13705.9	-7806.3	-2337.8	-6992.3	-14520.0
-70.80										
				NODE	Vxx	Vyy				
				Max	Cent	79.8	29.9			
					5939	83.3	53.2			
					5904	83.3	14.1			
					5903	76.4	14.1			
					5938	76.4	53.2			
				Min	Cent	-12.6	-10.9			
					5939	-15.2	-19.7			
					5904	-15.2	-9.4			
					5903	-10.7	-9.4			
					5938	-10.7	-19.7			
				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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16.28	c mob-b	Max	Cent	584.9	213.0	118.7	619.6	178.3
13.54			5939	608.4	143.8	118.7	637.0	115.2
18.09			5904	608.4	283.8	118.7	647.2	245.0
20.27			5903	561.4	283.8	118.7	605.2	239.9
14.81			5938	561.4	143.8	118.7	592.8	112.4
-43.55		Min	Cent	-14.8	-18.9	-39.7	22.9	-56.5
-43.35			5939	-15.6	-20.2	-39.7	21.8	-57.6
-40.92			5904	-15.6	-27.0	-39.7	18.8	-61.3
-40.51			5903	-14.4	-27.0	-39.7	19.4	-60.8
-42.93			5938	-14.4	-20.2	-39.7	22.5	-57.1

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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49.61		Max	Cent	1282.0	4898.3	11146.2	14382.0	-8201.7
42.23			5939	22595.2	20101.8	12860.8	34269.6	8427.4
43.74			5904	4749.5	4061.2	7798.3	12211.2	-3400.5
43.09			5903	3413.6	2498.4	6842.6	9813.9	-3901.9
38.36			5938	31118.8	25543.5	11815.1	40470.7	16191.6
-80.83		Min	Cent	-28117.2	-8565.0	-3241.0	-8041.8	-28640.5
-24.00			5939	-11542.5	-14784.2	-1799.8	-10741.3	-15585.5
-87.21			5904	-61446.3	-15258.9	-2255.6	-15149.0	-61556.2
-86.61			5903	-79148.1	-18087.7	-3629.6	-17872.7	-79363.1
-72.20			5938	-15473.0	-6989.9	-3037.6	-6014.4	-16448.5

			NODE	Vxx	Vyy
Max	Cent			89.0	19.8
	5939			78.2	34.9
	5904			78.2	12.4
	5903			99.8	12.4
	5938			99.8	34.9
Min	Cent			-5.9	-31.7
	5939			-7.1	-64.6
	5904			-7.1	-12.2
	5903			-4.8	-12.2
	5938			-4.8	-64.6

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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8.02	pp		Cent	1639.7	582.9	151.9	1661.1	561.5
6.63			5939	1704.5	415.4	151.9	1722.2	397.7
			5904	1704.5	750.5	151.9	1728.2	726.9

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8.83							
10.12		5903	1574.8	750.5	151.9	1601.9	723.4
7.34		5938	1574.8	415.4	151.9	1594.4	395.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-83.39		Cent	-59007.0	-22229.4	-4321.3	-21728.4	-59507.9
-71.11		5939	-23738.0	-16561.2	-2782.3	-15608.9	-24690.3
-85.44		5904	-92945.1	-33854.7	-4743.5	-33476.4	-93323.5
-85.87		5903	-84057.3	-21489.2	-4539.8	-21161.5	-84385.0
-82.12		5938	-35287.4	-17012.3	-2578.6	-16655.5	-35644.3

NODE	Vxx	Vyy
Cent	63.1	-12.9
5939	73.1	-3.9
5904	73.1	-22.0
5903	53.2	-22.0
5938	53.2	-3.9

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-26.28	vento -y	Cent	0.6	-17.0	-11.5	6.3	-22.7
-37.35		5939	1.1	-5.2	-11.5	9.8	-14.0
-18.82		5904	1.1	-28.8	-11.5	5.0	-32.7
-19.24		5903	0.2	-28.8	-11.5	4.2	-32.8
-38.39		5938	0.2	-5.2	-11.5	9.3	-14.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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87.07		Cent	249.0	556.5	15.8	557.3	248.1
-87.06		5939	-21.3	439.7	-23.7	440.9	-22.5
89.35		5904	511.6	809.4	3.4	809.4	511.6
70.48		5903	493.7	620.9	51.6	639.2	475.4
85.95		5938	11.8	355.8	24.5	357.5	10.1

NODE	Vxx	Vyy
Cent	-0.5	0.3
5939	-0.5	0.2
5904	-0.5	0.4
5903	-0.5	0.4
5938	-0.5	0.2

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

5.23	cedime~1	Cent	52.6	-38.2	8.4	53.4	-38.9
8.84		5939	55.3	2.7	8.4	56.6	1.4
3.56		5904	55.3	-79.0	8.4	55.8	-79.5
3.70		5903	50.0	-79.0	8.4	50.5	-79.6
9.76		5938	50.0	2.7	8.4	51.4	1.2
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-78.55		Cent	-659.1	1850.0	-530.0	1957.3	-766.4
-77.22		5939	-587.4	2144.6	-653.4	2292.9	-735.6
-83.36		5904	-1085.4	1796.4	-340.3	1836.1	-1125.0
-81.60		5903	-26.7	2058.5	-314.8	2105.0	-73.2
-75.87		5938	-936.9	1400.2	-628.0	1558.3	-1095.0
		NODE	Vxx	Vyy			

		Cent	-0.2	0.6			
		5939	0.5	1.4			
		5904	0.5	-0.1			
		5903	-0.9	-0.1			
		5938	-0.9	1.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

13.10	perm	Cent	421.6	147.4	67.5	437.3	131.7
11.46		5939	437.3	118.3	67.5	451.0	104.6
13.68		5904	437.3	176.6	67.5	453.7	160.1
15.24		5903	405.8	176.6	67.5	424.2	158.2
12.57		5938	405.8	118.3	67.5	420.9	103.2
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-84.57		Cent	-15697.2	-5194.2	-1007.5	-5098.4	-15793.0
-77.85		5939	-5935.8	-3562.5	-536.0	-3447.0	-6051.2
-85.91		5904	-24860.6	-8118.6	-1202.0	-8032.7	-24946.5
-86.19		5903	-23131.8	-5489.0	-1179.6	-5410.4	-23210.3
-84.47		5938	-8860.7	-3606.7	-513.6	-3556.9	-8910.4

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NODE	Vxx	Vyy
Cent	17.7	-2.9
5939	20.0	-1.1
5904	20.0	-4.7
5903	15.4	-4.7
5938	15.4	-1.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
14.42	INV TO~1	Max	Cent	1295.3	466.7	238.8	1356.7	403.4
12.75			5939	1347.0	345.5	238.8	1401.0	291.5
15.16			5904	1347.0	609.2	238.8	1411.7	538.7
16.90			5903	1243.6	609.2	238.8	1316.1	529.3
14.00			5938	1243.6	345.5	238.8	1303.1	285.9
-3.03		Min	Cent	401.3	73.0	-15.4	402.1	72.8
-2.69			5939	414.5	86.8	-15.4	415.3	86.1
-3.00			5904	414.5	42.0	-15.4	415.4	41.9
-3.31			5903	386.4	42.0	-15.4	387.3	41.9
-2.94			5938	386.4	86.8	-15.4	387.2	86.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
61.51	Max	Cent	-11482.1	5419.7	14039.8	12751.8	-19473.3
52.92		5939	29314.7	37909.1	16826.1	50129.8	16506.5
63.38		5904	-10941.9	1392.4	9325.6	5896.8	-16384.1
63.74		5903	-11904.1	-57.6	8057.9	3762.8	-15751.2
42.89		5938	33149.7	32277.3	15436.8	47491.9	17436.2
-81.91	Min	Cent	-55784.7	-18023.3	-5912.7	-17258.2	-56648.4
-47.31		5939	-24648.9	-23521.2	-3999.7	-20434.2	-27334.2
-87.07		5904	-115589.9	-31826.2	-4587.4	-31608.7	-115835.2
-86.54		5903	-130008.5	-29907.4	-6394.4	-29539.4	-130407.1
-74.70		5938	-30686.2	-14145.2	-5242.3	-12882.8	-32105.7

NODE	Vxx	Vyy	
Max	Cent	137.9	38.1
	5939	133.0	72.1
	5904	133.0	14.3
	5903	150.2	14.3
	5938	150.2	72.1
Min	Cent	0.6	-45.7
	5939	-0.5	-88.3
	5904	-0.5	-21.3

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

				5903	0.1	-21.3			
				5938	0.1	-88.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		

	INV TO~2	Max	Cent	2213.6	786.9	238.8	2242.5	758.0	
8.02			5939	2301.1	560.7	238.8	2325.0	536.9	
6.63			5904	2301.1	1013.1	238.8	2333.0	981.3	
8.83			5903	2126.0	1013.1	238.8	2162.6	976.5	
10.12			5938	2126.0	560.7	238.8	2152.4	534.3	
7.34		Min	Cent	401.3	73.0	-15.4	402.1	72.8	
-3.03			5939	414.5	86.8	-15.4	415.3	86.1	
-2.69			5904	414.5	42.0	-15.4	415.4	41.9	
-3.00			5903	386.4	42.0	-15.4	387.3	41.9	
-3.31			5938	386.4	86.8	-15.4	387.2	86.0	
-2.94									
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin		

		Max	Cent	-11482.1	5419.7	14039.8	12751.8	-19473.3	
61.51			5939	29314.7	37909.1	16826.1	50129.8	16506.5	
52.92			5904	-10941.9	1392.4	9325.6	5896.8	-16384.1	
63.38			5903	-11904.1	-57.6	8057.9	3762.8	-15751.2	
63.74			5938	33149.7	32277.3	15436.8	47491.9	17436.2	
42.89		Min	Cent	-79659.4	-30009.6	-5912.7	-29333.4	-80335.7	
-83.39			5939	-32046.3	-23521.2	-3999.7	-21072.0	-33331.9	
-71.11			5904	-125475.9	-45703.9	-6403.7	-45193.1	-125986.7	
-85.44			5903	-130008.5	-29907.4	-6394.4	-29539.4	-130407.1	
-86.54			5938	-47638.0	-22966.6	-5242.3	-22484.9	-48119.8	
-82.12									
			NODE	Vxx	Vyy				
		Max	Cent	137.9	38.1				
			5939	133.0	72.1				
			5904	133.0	14.3				
			5903	150.2	14.3				
			5938	150.2	72.1				
		Min	Cent	0.6	-45.7				
			5939	-0.5	-88.3				
			5904	-0.5	-29.6				
			5903	0.1	-29.6				
			5938	0.1	-88.3				
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

5445	1	1	c mob-a	Max	Cent	529.7	123.0	158.0	583.9	68.8
18.92					5975	545.9	98.2	158.0	596.0	48.0
17.61					5939	545.9	153.7	158.0	601.6	98.0
19.43					5938	513.5	153.7	158.0	573.0	94.1
20.65					5974	513.5	98.2	158.0	566.8	44.9
18.63				Min	Cent	-15.5	-21.8	-56.8	38.3	-75.6
-43.41					5975	-14.3	-20.3	-56.8	39.6	-74.2
-43.50					5939	-14.3	-23.4	-56.8	38.1	-75.9
-42.71					5938	-17.0	-23.4	-56.8	36.7	-77.2
-43.39					5974	-17.0	-20.3	-56.8	38.2	-75.5
-44.18										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

ANGLE

				Max	Cent	17743.9	17572.4	5992.4	23651.1	11665.2
44.59					5975	27036.1	30477.6	5697.7	34708.7	22805.0
53.40					5939	23791.3	28625.0	7348.9	33944.2	18472.0
54.10					5938	15828.7	7274.5	6489.2	19323.6	3779.7
28.31					5974	25007.9	15408.7	4831.8	27018.7	13397.9
22.60				Min	Cent	-8256.8	-8115.1	-1076.7	-7106.9	-9265.0
-46.88					5975	-8743.8	-11487.4	-965.9	-8437.8	-11793.3
-17.57					5939	-18704.4	-12431.9	-1275.3	-12182.5	-18953.8
-78.94					5938	-13775.3	-7724.3	-1283.4	-7463.3	-14036.2
-78.51					5974	-5826.5	-5042.0	-1778.4	-3613.2	-7255.4
-51.22										

NODE Vxx Vyy

Max	Cent	Vxx	Vyy
	5975	36.1	33.6
	5939	37.8	44.5
	5938	37.8	53.2
	5974	34.7	53.2
	5974	34.7	44.5
Min	Cent	Vxx	Vyy
	5975	-20.3	-16.8
	5975	-25.7	-24.6
	5939	-25.7	-19.7
	5938	-15.3	-19.7
	5974	-15.3	-24.6

ANGLE

				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
					Max	Cent	505.8	101.0	160.0	561.4	45.4
19.16			c mob-b								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.26		5975	520.7	88.5	160.0	573.5	35.7
19.60		5939	520.7	128.3	160.0	577.7	71.3
20.71		5938	490.9	128.3	160.0	551.5	67.8
19.24		5974	490.9	88.5	160.0	546.8	32.6
-43.76	Min	Cent	-16.0	-19.0	-35.3	17.9	-52.8
-43.81		5975	-15.3	-18.2	-35.3	18.6	-52.1
-43.02		5939	-15.3	-20.2	-35.3	17.7	-53.1
-43.57		5938	-16.6	-20.2	-35.3	16.9	-53.8
-44.36		5974	-16.6	-18.2	-35.3	17.9	-52.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

40.79	Max	Cent	20220.9	16825.9	11474.5	30122.8	6924.1
43.04		5975	24029.2	22691.8	9753.1	33136.5	13584.5
44.04		5939	20293.3	19519.8	11538.2	31451.2	8361.8
38.49		5938	30099.2	25001.8	11015.2	38856.7	16244.3
42.35		5974	36201.5	34492.1	9212.9	44599.3	26094.3
-52.79	Min	Cent	-6799.9	-4513.9	-4098.7	-1401.8	-9912.0
-23.91		5975	-5828.2	-14085.8	-4557.5	-3807.4	-16106.6
-55.53		5939	-16121.9	-15404.6	-931.3	-14765.3	-16761.2
-78.82		5938	-16999.1	-6951.9	-2066.8	-6543.3	-17407.7
-47.96		5974	-3332.0	-2208.4	-5417.9	2676.7	-8217.1

		NODE	Vxx	Vyy
Max	Cent		41.0	25.2
	5975		36.4	33.9
	5939		36.4	34.9
	5938		46.9	34.9
	5974		46.9	33.9
Min	Cent		-23.9	-67.0
	5975		-22.4	-81.4
	5939		-22.4	-64.6
	5938		-29.3	-64.6
	5974		-29.3	-81.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

11.35	pp	Cent	1412.1	294.2	233.7	1459.0	247.3
10.38		5975	1451.7	218.5	233.7	1494.5	175.7
11.68		5939	1451.7	369.8	233.7	1500.0	321.5
		5938	1372.5	369.8	233.7	1424.3	318.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

12.50
11.03

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.07	Cent	-15948.3	-7965.1	5464.3	-5189.8	-18723.7
43.90	5975	1300.1	638.1	8640.1	9615.5	-7677.4
70.15	5939	-28545.9	-17522.8	4574.2	-15871.9	-30196.8
83.60	5938	-34983.1	-16951.5	2048.3	-16721.7	-35212.9
53.07	5974	-1564.5	1975.6	6114.2	6570.9	-6159.7

NODE	Vxx	Vyy
Cent	28.7	-3.9
5975	27.0	-4.0
5939	27.0	-3.9
5938	30.5	-3.9
5974	30.5	-4.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-42.41	vento -y	Cent	-2.0	-3.2	-7.1	4.5	-9.7
-46.01		5975	-1.2	-0.7	-7.1	6.1	-8.0
-36.11		5939	-1.2	-5.8	-7.1	3.9	-10.9
-38.88		5938	-2.7	-5.8	-7.1	3.0	-11.4
-48.97		5974	-2.7	-0.7	-7.1	5.4	-8.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-87.20	Cent	31.2	287.8	-12.6	288.5	30.6
-79.90	5975	6.2	201.5	-35.9	207.9	-0.2
-84.33	5939	76.1	459.2	-38.4	463.0	72.3
88.17	5938	50.9	363.6	10.0	363.9	50.6
84.79	5974	-8.5	127.1	12.5	128.2	-9.6

NODE	Vxx	Vyy
Cent	-0.0	0.2
5975	-0.0	0.1
5939	-0.0	0.2
5938	-0.0	0.2
5974	-0.0	0.1

ANGLE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          cedime~1      Cent      34.3      5.0      30.9      53.9      -14.6
17.91
          5975      35.4      11.0      30.9      56.4      -10.1
16.70
          5939      35.4      -1.0      30.9      53.1      -18.7
18.32
          5938      33.2      -1.0      30.9      51.4      -19.3
19.28
          5974      33.2      11.0      30.9      55.0      -10.8
17.52

          ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent      -507.7      1915.1      -227.8      1936.4      -529.0
17.91
          5975      107.4      2606.8      21.6      2607.0      107.2
16.70
          5939      -405.0      2181.1      -420.5      2247.7      -471.6
18.32
          5938      -990.1      1389.6      -458.4      1474.8      -1075.4
19.28
          5974      -743.2      1483.0      -16.4      1483.1      -743.4
17.52

          ANGLE      NODE      Vxx      Vyy
-----
          Cent      0.3      1.7
          5975      0.4      2.0
          5939      0.4      1.4
          5938      0.2      1.4
          5974      0.2      2.0

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm      Cent      357.5      88.8      97.0      388.9      57.4
17.91
          5975      366.3      72.1      97.0      395.4      43.0
16.70
          5939      366.3      105.4      97.0      398.4      73.3
18.32
          5938      348.8      105.4      97.0      382.7      71.5
19.28
          5974      348.8      72.1      97.0      379.4      41.5
17.52

          ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent      -3800.9      -1181.2      1516.1      -487.5      -4494.5
65.41
          5975      731.1      1006.1      2312.0      3184.7      -1447.5
46.70
          5939      -7276.0      -3830.5      1347.0      -3366.5      -7740.1
70.99
          5938      -8842.8      -3603.1      650.7      -3523.5      -8922.4
83.03
          5974      184.3      1702.9      1615.7      2728.9      -841.7
57.58

          ANGLE      NODE      Vxx      Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	7.7	-1.4
5975	7.2	-1.7
5939	7.2	-1.1
5938	8.2	-1.1
5974	8.2	-1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.54	INV TO~1	Max Cent	1106.8	259.8	343.9	1228.9	148.7
18.35		5975	1138.6	215.6	343.9	1252.6	106.4
19.88		5939	1138.6	312.9	343.9	1262.9	204.0
21.01		5938	1075.1	312.9	343.9	1207.3	197.0
19.34		5974	1075.1	215.6	343.9	1195.8	100.6
4.17	Min	Cent	336.0	59.3	20.3	337.4	56.0
3.84		5975	345.6	44.7	20.3	347.0	43.3
4.24		5939	345.6	72.8	20.3	347.1	64.5
4.57		5938	325.8	72.8	20.3	327.4	63.9
4.10		5974	325.8	44.7	20.3	327.2	43.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.25	Max	Cent	23497.4	24456.7	17006.6	6928.4
51.73		5975	37337.3	44757.6	15500.3	25109.3
55.41		5939	24842.2	36994.2	16923.6	13058.6
43.49		5938	31791.1	31538.9	15521.2	16102.6
46.47		5974	49056.4	49750.2	14053.2	34976.5
-54.64	Min	Cent	-15455.2	-12136.6	-4245.0	-17825.1
-23.96		5975	-11073.0	-18009.8	-3840.6	-19716.3
-87.29		5939	-32931.9	-24626.7	-795.1	-32991.9
-83.23		5938	-32781.8	-14030.9	-2597.9	-33111.5
-51.37		5974	-8424.7	-5103.9	-5714.8	-12234.9

	NODE	Vxx	Vyy
Max	Cent	63.4	45.7
	5975	58.7	60.3
	5939	58.7	72.1
	5938	71.7	72.1
	5974	71.7	60.3
Min	Cent	-24.6	-91.8
	5975	-27.4	-111.5
	5939	-27.4	-88.3
	5938	-31.4	-88.3
	5974	-31.4	-111.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
11.35	INV TO~2	Max	Cent	1906.3	397.1	343.9	1969.6	333.8
10.38			5975	1959.8	295.0	343.9	2017.6	237.2
11.68			5939	1959.8	499.3	343.9	2025.0	434.0
12.50			5938	1852.8	499.3	343.9	1922.8	429.3
11.03			5974	1852.8	295.0	343.9	1914.3	233.5
4.17		Min	Cent	336.0	59.3	20.3	337.4	56.0
3.84			5975	345.6	44.7	20.3	347.0	43.3
4.24			5939	345.6	72.8	20.3	347.1	64.5
4.57			5938	325.8	72.8	20.3	327.4	63.9
4.10			5974	325.8	44.7	20.3	327.2	43.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
46.25		Max	Cent	23497.4	24456.7	17006.6	40518.0	6928.4
51.73			5975	37337.3	44757.6	15500.3	56985.6	25109.3
55.41			5939	24842.2	36994.2	16923.6	48372.8	13058.6
43.49			5938	31791.1	31538.9	15521.2	46513.1	16102.6
46.47			5974	49056.4	49750.2	14053.2	63086.8	34976.5
-54.64		Min	Cent	-21530.3	-12136.6	-4245.0	-9286.1	-25277.0
-23.96			5975	-11073.0	-18009.8	-3840.6	-9366.5	-19716.3
-87.29			5939	-38536.9	-24626.7	-795.1	-24609.0	-40765.6
83.60			5938	-47227.2	-22884.5	-2597.9	-22574.3	-47537.4
-51.37			5974	-8424.7	-5103.9	-5714.8	-550.3	-12234.9

		NODE	Vxx	Vyy
Max	Cent		63.4	45.7
	5975		58.7	60.3
	5939		58.7	72.1
	5938		71.7	72.1
	5974		71.7	60.3
Min	Cent		-24.6	-91.8
	5975		-27.4	-111.5
	5939		-27.4	-88.3
	5938		-31.4	-88.3
	5974		-31.4	-111.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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5530      1      18  c mob-a  Max  Cent      813.4      243.5      149.8      850.4      206.5
  13.87
  11.29
  15.25
  17.92
  12.78
-44.48
-44.42
-41.02
-40.66
-44.05
  
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			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----
43.77
40.68
36.66
32.58
39.58
-79.46
-15.36
-85.18
-87.04
-68.91
  
```

			NODE	Vxx	Vyy
	Max	Cent	119.2	9.5	
		5940	96.8	14.4	
		5905	96.8	18.2	
		5904	141.7	18.2	
		5939	141.7	14.4	
	Min	Cent	-23.8	-59.5	
		5940	-23.5	-107.1	
		5905	-23.5	-41.1	
		5904	-25.8	-41.1	
		5939	-25.8	-107.1	

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	----	------	-----	-----	-----	------	------

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c mob-b  Max  Cent      780.4      203.0      149.4      816.8      166.6
  13.68
  11.35
  
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

14.82		5905	824.0	298.6	149.4	863.6	259.1
17.14		5904	736.9	298.6	149.4	783.0	252.5
12.73		5939	736.9	109.3	149.4	770.7	75.5
-46.62	Min	Cent	-18.4	-13.8	-40.4	24.4	-56.6
-44.93		5940	-19.8	-20.0	-40.4	20.6	-60.3
-42.42		5905	-19.8	-27.1	-40.4	17.2	-64.0
-41.62		5904	-17.5	-27.1	-40.4	18.4	-63.0
-44.12		5939	-17.5	-20.0	-40.4	21.7	-59.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.13	Max	Cent	1412.2	2894.3	18835.2	21003.0	-16696.5
38.43		5940	13606.2	4398.2	19711.3	29244.0	-11239.6
41.79		5905	5718.0	3246.7	10989.9	15541.5	-6576.8
41.06		5904	7810.1	3927.2	14039.7	20042.0	-8304.7
35.65		5939	36971.7	21628.2	22675.8	53238.4	5361.5
-81.49	Min	Cent	-41094.9	-19640.8	-3283.5	-19149.5	-41586.1
-6.77		5940	-10868.6	-29630.9	-2258.6	-10600.6	-29899.0
-85.98		5905	-74718.9	-26201.3	-3425.0	-25960.8	-74959.5
-86.99		5904	-108717.8	-25624.9	-4383.3	-25394.3	-108948.4
-76.82		5939	-22589.1	-12647.4	-2464.3	-12070.1	-23166.4

		NODE	Vxx	Vyy
Max	Cent		109.9	6.9
		5940	89.4	14.6
		5905	89.4	14.8
		5904	133.0	14.8
		5939	133.0	14.6
Min	Cent		-11.9	-39.3
		5940	-11.6	-74.1
		5905	-11.6	-26.8
		5904	-12.1	-26.8
		5939	-12.1	-74.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.60	pp	Cent	2182.7	546.1	222.5	2212.4	516.4
6.29		5940	2301.8	308.7	222.5	2326.3	284.2
8.17		5905	2301.8	783.5	222.5	2333.7	751.6
9.58		5904	2063.6	783.5	222.5	2101.2	745.9
		5939	2063.6	308.7	222.5	2091.4	281.0

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

7.11

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-84.02		Cent	-101669.0	-34396.3	-7124.3	-33650.1	-102415.2
-88.10		5940	-17376.0	-3398.4	-464.3	-3383.0	-17391.4
-85.95		5905	-177976.4	-71272.7	-7587.6	-70735.8	-178513.3
-85.11		5904	-163053.0	-38939.8	-10687.1	-38026.3	-163966.6
-81.83		5939	-48270.5	-23974.0	-3563.8	-23462.1	-48782.4

	NODE	Vxx	Vyy
	Cent	143.8	-15.5
	5940	163.4	29.9
	5905	163.4	-60.9
	5904	124.2	-60.9
	5939	124.2	29.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.91	vento -y	Cent	2.2	-19.3	-8.3	5.0	-22.2
-30.65		5940	2.8	-6.4	-8.3	7.7	-11.3
-12.74		5905	2.8	-32.2	-8.3	4.6	-34.1
-13.11		5904	1.6	-32.2	-8.3	3.6	-34.2
-32.20		5939	1.6	-6.4	-8.3	6.9	-11.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-71.37		Cent	251.6	625.4	-142.2	673.3	203.7
-66.28		5940	-59.9	377.1	-238.0	481.6	-164.5
-79.21		5905	350.3	786.1	-86.2	802.5	333.9
-80.63		5904	794.2	899.1	-17.8	902.0	791.2
-73.38		5939	-78.2	439.3	-169.6	490.0	-128.8

	NODE	Vxx	Vyy
	Cent	-0.6	-0.1
	5940	-0.4	-0.1
	5905	-0.4	-0.1
	5904	-0.9	-0.1
	5939	-0.9	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.25	cedime~1	Cent	69.2	-51.3	24.9	74.1	-56.2
16.57		5940	71.1	-5.3	24.9	78.6	-12.7
8.25		5905	71.1	-97.3	24.9	74.8	-100.9
8.44		5904	67.2	-97.3	24.9	70.9	-101.0
17.28		5939	67.2	-5.3	24.9	74.9	-13.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-77.12		Cent	-2188.6	2055.4	-1024.0	2289.6	-2422.7
-72.11		5940	-290.8	2845.8	-1130.1	3210.5	-655.6
-83.73		5905	-4716.1	1171.8	-654.8	1243.7	-4788.1
-81.73		5904	-2188.7	2347.8	-674.0	2445.8	-2286.7
-73.03		5939	-1558.6	1856.4	-1149.2	2207.1	-1909.3

NODE	Vxx	Vyy
Cent	2.7	0.1
5940	4.5	1.5
5905	4.5	-1.4
5904	0.8	-1.4
5939	0.8	1.5

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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11.72	perm	Cent	555.8	134.7	91.3	574.8	115.8
10.13		5940	582.8	88.2	91.3	599.1	71.8
12.23		5905	582.8	181.3	91.3	602.6	161.5
13.86		5904	528.9	181.3	91.3	551.4	158.8
11.25		5939	528.9	88.2	91.3	547.1	70.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-84.96		Cent	-26830.8	-8300.8	-1647.0	-8155.5	-26976.1
88.07		5940	-4476.8	-599.6	130.9	-595.2	-4481.2
-86.16		5905	-46727.3	-17307.2	-1983.0	-17174.1	-46860.4
-85.48		5904	-43821.1	-9886.1	-2700.7	-9672.5	-44034.7
-85.17		5939	-12298.1	-5410.3	-586.8	-5360.7	-12347.8

NODE	Vxx	Vyy
Cent	38.6	-3.7
5940	43.2	6.7

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5905 43.2 -14.2
 5904 34.0 -14.2
 5939 34.0 6.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

12.96	INV TO~1 Max	Cent	1723.0	463.5	318.6	1796.3	395.0
11.21		5940	1815.4	277.0	318.6	1878.6	220.5
13.44		5905	1815.4	655.8	318.6	1891.5	581.7
15.36		5904	1630.9	655.8	318.6	1718.4	569.2
12.56		5939	1630.9	277.0	318.6	1701.8	213.2
0.79	Min	Cent	529.6	54.2	5.8	529.7	52.4
0.67		5940	555.4	52.0	5.8	555.5	50.4
0.79		5905	555.4	32.8	5.8	555.5	31.2
0.89		5904	503.7	32.8	5.8	503.8	31.0
0.75		5939	503.7	52.0	5.8	503.8	50.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

54.97	Max	Cent	-21647.1	-2338.1	23780.5	12276.6	-38254.2
41.28		5940	13891.7	9754.3	26741.1	37368.2	-14005.6
63.60		5905	-30369.3	-8956.2	13330.2	-3511.8	-36985.5
63.55		5904	-20149.2	1230.2	16253.0	8980.0	-29467.1
43.45		5939	42969.5	41579.4	30025.6	71415.7	12618.7
-80.87	Min	Cent	-88471.5	-34815.8	-9512.2	-33452.1	-90050.8
-17.79		5940	-27241.7	-43824.9	-7166.5	-25013.8	-45761.9
-85.46		5905	-163154.1	-55813.1	-8853.1	-55162.3	-163871.7
-86.70		5904	-203499.7	-47056.2	-9605.2	-46540.8	-204078.6
-73.52		5939	-46532.4	-25333.7	-7515.4	-23450.7	-48765.8

		NODE	Vxx	Vyy
	Max	Cent	202.3	9.2
		5940	178.4	28.0
		5905	178.4	10.5
		5904	226.1	10.5
		5939	226.1	28.0
	Min	Cent	6.6	-84.0
		5940	11.4	-137.9
		5905	11.4	-71.0
		5904	-0.8	-71.0
		5939	-0.8	-137.9

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.60	INV TO~2	Max Cent	2946.7	737.2	318.6	2986.8	697.2
6.29		5940	3107.4	416.8	318.6	3140.5	383.7
8.17		5905	3107.4	1057.7	318.6	3150.5	1014.6
9.58		5904	2785.9	1057.7	318.6	2836.6	1007.0
7.11		5939	2785.9	416.8	318.6	2823.4	379.3
0.79		Min Cent	529.6	54.2	5.8	529.7	52.4
0.67		5940	555.4	52.0	5.8	555.5	50.4
0.79		5905	555.4	32.8	5.8	555.5	31.2
0.89		5904	503.7	32.8	5.8	503.8	31.0
0.75		5939	503.7	52.0	5.8	503.8	50.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.97	Max Cent	-21647.1	-2338.1	23780.5	12276.6	-38254.2
41.28	5940	13891.7	9754.3	26741.1	37368.2	-14005.6
63.60	5905	-30369.3	-8956.2	13330.2	-3511.8	-36985.5
63.55	5904	-20149.2	1230.2	16253.0	8980.0	-29467.1
43.45	5939	42969.5	41579.4	30025.6	71415.7	12618.7
-84.02	Min Cent	-137253.1	-46434.9	-9617.8	-45427.6	-138260.5
-17.79	5940	-27241.7	-43824.9	-7166.5	-25013.8	-45761.9
-85.95	5905	-240268.2	-96218.1	-10243.3	-95493.4	-240992.9
-85.11	5904	-220121.6	-52568.8	-14427.6	-51335.5	-221354.9
-81.83	5939	-65165.1	-32365.0	-7515.4	-31673.8	-65856.3

	NODE	Vxx	Vyy
Max	Cent	202.3	9.2
	5940	220.5	40.3
	5905	220.5	10.5
	5904	226.1	10.5
	5939	226.1	40.3
Min	Cent	6.6	-84.0
	5940	11.4	-137.9
	5905	11.4	-82.2
	5904	-0.8	-82.2
	5939	-0.8	-137.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5531	1	18	c mob-a	Max Cent	690.5	102.9	216.7	761.8	31.6

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18.20							
		5976	719.3	90.5	216.7	786.7	23.0
17.29							
		5940	719.3	120.5	216.7	789.5	50.3
17.95							
		5939	661.8	120.5	216.7	737.9	44.4
19.34							
		5975	661.8	90.5	216.7	734.7	17.6
18.59							
	Min	Cent	-17.5	-21.8	-39.8	20.2	-59.5
-43.44							
		5976	-17.1	-20.9	-39.8	20.8	-58.8
-43.65							
		5940	-17.1	-22.8	-39.8	19.9	-59.9
-42.96							
		5939	-18.0	-22.8	-39.8	19.4	-60.3
-43.29							
		5975	-18.0	-20.9	-39.8	20.4	-59.3
-43.98							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	17248.0	5204.5	19978.4	32092.5	-9639.9
36.61								
			5976	11345.9	7422.5	16660.1	26159.4	-7391.0
41.64								
			5940	9824.9	5243.8	19554.5	27222.6	-12153.8
41.66								
			5939	39048.9	32994.0	19596.6	55850.6	16192.4
40.61								
			5975	44768.9	36121.9	16761.4	57755.4	23135.4
37.77								
	Min	Cent	-12342.7	-14828.6	-6788.7	-6684.1	-20487.2	
-39.81								
			5976	-11320.1	-41992.4	-7971.4	-9372.2	-43940.3
-13.73								
			5940	-17579.5	-32897.4	-3918.5	-16635.3	-33841.6
-13.55								
			5939	-31406.9	-15625.4	-3407.0	-14921.3	-32111.0
-78.32								
			5975	-13771.8	-12050.4	-7407.8	-5453.5	-20368.7
-48.31								

		NODE	Vxx	Vyy
	Max	Cent	46.8	8.2
		5976	28.8	6.6
		5940	28.8	14.4
		5939	64.9	14.4
		5975	64.9	6.6
	Min	Cent	-30.0	-105.1
		5976	-16.9	-126.0
		5940	-16.9	-107.1
		5939	-44.1	-107.1
		5975	-44.1	-126.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	658.3	76.6	216.4	730.0	4.9
18.32								
			5976	685.6	71.1	216.4	754.2	2.6
17.58								
			5940	685.6	89.1	216.4	755.9	18.9
17.98								

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19.30		5939	631.1	89.1	216.4	706.9	13.4
18.85		5975	631.1	71.1	216.4	704.9	-2.7
-44.59	Min	Cent	-18.4	-19.0	-22.0	3.3	-40.7
-44.83		5976	-18.5	-18.7	-22.0	3.4	-40.6
-44.25		5940	-18.5	-19.6	-22.0	2.9	-41.0
-44.34		5939	-18.6	-19.6	-22.0	2.8	-41.1
-44.92		5975	-18.6	-18.7	-22.0	3.3	-40.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
38.64	Max	Cent	16004.5	7158.1	19610.4	31684.3	-8521.7
36.74		5976	13951.7	4951.3	15171.1	25275.9	-6373.0
39.07		5940	12033.7	4056.1	19008.0	27466.9	-11377.2
35.95		5939	35184.0	21320.3	21205.6	50562.0	5942.3
32.09		5975	41304.0	24452.6	17415.5	52225.0	13531.7
-20.53	Min	Cent	-9984.3	-20379.9	-4529.0	-8288.0	-22076.2
-10.90		5976	-9195.9	-40950.5	-6351.0	-7972.8	-42173.6
-8.96		5940	-16324.5	-30090.6	-2225.8	-15973.6	-30441.5
-84.57		5939	-27394.7	-13224.5	-1358.3	-13095.5	-27523.7
-49.96		5975	-9553.2	-7174.3	-6797.0	-1463.4	-15264.1

NODE Vxx Vyy

Max	Cent	46.1	7.8
	5976	29.9	4.7
	5940	29.9	14.6
	5939	62.5	14.6
	5975	62.5	4.7
Min	Cent	-28.4	-80.0
	5976	-18.4	-94.2
	5940	-18.4	-74.1
	5939	-38.6	-74.1
	5975	-38.6	-94.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
14.56	pp	Cent	1833.8	211.6	451.7	1951.1	94.3
13.81		5976	1911.1	184.2	451.7	2022.1	73.2
14.19		5940	1911.1	238.9	451.7	2025.3	124.7
15.38		5939	1756.6	238.9	451.7	1880.9	114.7
14.94		5975	1756.6	184.2	451.7	1877.1	63.7

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.61		Cent	-20158.5	-7818.9	17704.5	4760.1	-32737.5
48.03		5976	-8161.6	-3863.8	20261.2	14362.1	-26387.5
61.83		5940	-23411.0	-4605.4	14122.0	2957.7	-30974.2
67.44		5939	-49620.1	-24244.0	12743.3	-18949.3	-54914.8
45.67		5975	558.7	1437.5	18882.5	19885.7	-17889.5

NODE	Vxx	Vyy
Cent	30.9	11.2
5976	15.5	-7.4
5940	15.5	29.9
5939	46.3	29.9
5975	46.3	-7.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-37.83	vento -y	Cent	-0.2	-4.0	-7.4	5.5	-9.8
-40.69		5976	1.1	-1.2	-7.4	7.4	-7.6
-30.98		5940	1.1	-6.9	-7.4	5.5	-11.3
-35.12		5939	-1.5	-6.9	-7.4	3.7	-12.1
-45.63		5975	-1.5	-1.2	-7.4	6.1	-8.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-64.48		Cent	50.1	324.2	-169.5	405.1	-30.8
-58.51		5976	88.1	252.8	-161.5	351.8	-10.9
-63.65		5940	77.2	404.5	-214.8	510.8	-29.1
-69.97		5939	62.8	467.5	-170.2	529.6	0.7
-65.26		5975	-27.8	172.1	-117.0	226.0	-81.7

NODE	Vxx	Vyy
Cent	0.0	-0.0
5976	0.0	0.1
5940	0.0	-0.1
5939	-0.0	-0.1
5975	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.60	cedime~1	Cent	46.9	-0.2	36.5	66.8	-20.0

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30.01	5976	51.5	9.4	36.5	72.6	-11.7
25.00	5940	51.5	-9.7	36.5	68.5	-26.7
27.26	5939	42.3	-9.7	36.5	61.1	-28.5
32.89	5975	42.3	9.4	36.5	65.8	-14.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-84.59	Cent	-309.2	2577.7	-276.0	2603.9	-335.3
89.41	5976	432.1	3238.3	28.8	3238.5	431.8
-80.04	5940	-169.4	2870.0	-551.0	2966.8	-266.2
-79.48	5939	-1149.4	1938.3	-593.8	2048.5	-1259.7
-89.69	5975	-350.1	2264.4	-14.0	2264.4	-350.1

NODE	Vxx	Vyy
Cent	0.6	1.6
5976	0.5	1.7
5940	0.5	1.5
5939	0.8	1.5
5975	0.8	1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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18.89	perm	Cent	460.8	64.2	153.7	513.4	11.7
18.08		5976	479.8	59.3	153.7	530.0	9.1
18.40		5940	479.8	69.1	153.7	531.0	18.0
19.76		5939	441.8	69.1	153.7	497.0	14.0
19.39		5975	441.8	59.3	153.7	495.9	5.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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54.95	Cent	-4988.7	-1495.5	4823.3	1887.8	-8371.9
47.65	5976	-1843.4	-837.3	5421.9	4104.9	-6785.5
61.70	5940	-6119.0	-928.0	3935.7	1191.0	-8238.1
67.58	5939	-12721.6	-5495.0	3592.7	-4012.9	-14203.7
46.55	5975	729.4	1278.4	5078.8	6090.2	-4082.3

NODE	Vxx	Vyy
Cent	8.4	1.7
5976	4.4	-3.3
5940	4.4	6.7
5939	12.4	6.7

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			5975	12.4	-3.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

18.98	INV TO~1	Max Cent	1439.9	203.1	482.7	1606.0	54.4	
18.18			5976 1502.4	190.9	482.7	1660.9	40.3	
18.51			5940 1502.4	231.8	482.7	1663.9	85.9	
19.94			5939 1377.5	231.8	482.7	1552.6	73.9	
19.56			5975 1377.5	190.9	482.7	1549.0	29.0	
13.24		Min Cent	436.0	34.6	99.9	459.5	-3.7	
12.63			5976 454.9	31.1	99.9	477.3	3.5	
12.82			5940 454.9	28.6	99.9	477.6	-7.6	
13.92			5939 416.6	28.6	99.9	441.4	-11.0	
13.70			5975 416.6	31.1	99.9	441.0	-0.0	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

41.72		Max Cent	18296.2	10745.6	31794.2	46091.8	-17359.1	
42.44			5976 17423.5	12421.3	27942.0	42976.1	-13131.3	
44.55			5940 10126.4	9021.2	30334.3	39276.1	-20297.9	
44.58			5939 39994.4	40985.2	32220.3	71744.4	8270.6	
40.77			5975 61167.4	52307.3	28589.8	85453.2	27671.4	
-24.86		Min Cent	-21960.5	-29008.3	-4617.4	-19639.5	-31020.1	
-7.40			5976 -17125.5	-57527.0	-5339.4	-16431.8	-58220.7	
-8.51			5940 -30020.8	-45339.5	-1905.3	-29735.7	-45457.1	
-87.98			5939 -56270.3	-26589.2	-1600.6	-26553.8	-56351.1	
-53.14			5975 -18212.6	-14989.7	-4935.6	-11299.1	-21553.0	
		NODE	Vxx	Vyy				
		Max Cent	72.2	14.3				
			5976 45.3	7.4				
			5940 45.3	28.0				
			5939 100.9	28.0				
			5975 100.9	7.4				
		Min Cent	-32.1	-140.2				
			5976 -20.4	-173.5				
			5940 -20.4	-137.9				
			5939 -47.1	-137.9				
			5975 -47.1	-173.5				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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14.56      INV TO~2  Max  Cent    2475.7    285.6    609.8    2634.0    127.3
13.81                                5976    2580.0    248.7    609.8    2729.8    98.8
14.19                                5940    2580.0    322.6    609.8    2734.2    168.4
15.38                                5939    2371.4    322.6    609.8    2539.2    154.8
14.94                                5975    2371.4    248.7    609.8    2534.1    86.0
13.24      Min  Cent    436.0     34.6     99.9     459.5     -3.7
12.63                                5976    454.9     31.1     99.9     477.3     3.5
12.82                                5940    454.9     28.6     99.9     477.6    -7.6
13.92                                5939    416.6     28.6     99.9     441.4   -11.0
13.70                                5975    416.6     31.1     99.9     441.0    -0.0

ANGLE
-----
                                NODE      Mxx      Myy      Mxy      Mmax      Mmin

```

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-----
41.72      Max  Cent    18296.2   10745.6   31794.2   46091.8   -17359.1
42.44                                5976    17423.5   12421.3   27942.0   42976.1  -13131.3
44.55                                5940    10126.4    9021.2   30334.3   39276.1  -20297.9
44.58                                5939    39994.4   40985.2   32220.3   71744.4   8270.6
40.77                                5975    61167.4   52307.3   28589.8   85453.2   27671.4
-24.86     Min  Cent    -27214.0  -29008.3  -4617.4   -19639.5  -44195.6
-7.40                                5976   -17125.5  -57527.0  -5339.4   -16431.8  -58220.7
-8.51                                5940   -31604.8  -45339.5  -1905.3   -29735.7  -45457.1
-87.98     Min  Cent    -66987.1 -32729.4  -1600.6   -26553.8  -74134.9
-53.14     Min  Cent    -18212.6 -14989.7  -4935.6   -11299.1  -24150.8

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-----
                                NODE      Vxx      Vyy
-----
Max  Cent      72.2     15.2
     5976     45.3     7.4
     5940     45.3     40.3
     5939    100.9     40.3
     5975    100.9     7.4
Min  Cent     -32.1    -140.2
     5976    -20.4    -173.5
     5940    -20.4    -137.9
     5939    -47.1    -137.9
     5975    -47.1    -173.5

```

```

-----
ELEM  MAT  SEC  LC  NODE  Fxx  Fyy  Fxy  Fmax  Fmin
ANGLE
-----
5616  1    16  c  mob-a  Max  Cent  1309.2  145.0  216.5  1348.2  106.1
10.20                                5941  1506.9  95.4  216.5  1539.4  62.9

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.53			5906	1506.9	200.1	216.5	1541.9	165.2
9.17			5905	1112.0	200.1	216.5	1160.8	151.3
12.70			5940	1112.0	95.4	216.5	1156.2	51.2
11.54								
-43.43	Min	Cent		-22.8	-28.9	-55.3	29.5	-81.2
-44.45			5941	-20.4	-22.5	-55.3	33.9	-76.7
-37.36			5906	-20.4	-50.6	-55.3	21.8	-92.8
-39.01			5905	-27.1	-50.6	-55.3	17.7	-95.3
-46.20			5940	-27.1	-22.5	-55.3	30.5	-80.1

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

	Max	Cent		1877.6	8840.0	25772.7	31365.5	-20647.9
48.85			5941	21659.6	42847.2	32469.0	66407.0	-1900.2
54.04			5906	9451.9	31619.1	13815.4	38247.4	2823.5
64.37			5905	27748.6	4827.6	23376.9	42323.1	-9747.0
31.94			5940	28597.4	6344.3	40952.3	59907.7	-24966.0
37.40	Min	Cent		-62899.6	-50867.1	-12555.7	-42960.7	-70806.1
-57.80			5941	-26991.8	-92020.0	-15458.9	-23503.9	-95507.9
-12.71			5906	-102604.7	-87465.1	-16879.7	-76535.5	-113534.3
-57.08			5905	-181503.1	-47835.1	-16611.9	-45801.5	-183536.6
-83.02			5940	-43372.2	-32904.9	-13633.3	-23535.2	-52741.9
-55.50								

			NODE	Vxx	Vyy
	Max	Cent		148.9	65.7
			5941	121.4	59.1
			5906	121.4	83.8
			5905	194.3	83.8
			5940	194.3	59.1
	Min	Cent		-32.6	-97.7
			5941	-32.1	-96.3
			5906	-32.1	-118.7
			5905	-47.3	-118.7
			5940	-47.3	-96.3

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent		1253.6	94.8	217.0	1292.9	55.5
10.27				5941	1441.3	63.3	217.0	1474.7	29.9
8.74				5906	1441.3	134.9	217.0	1476.4	99.7
9.19				5905	1066.3	134.9	217.0	1114.4	86.8
12.49									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.70			5940	1066.3	63.3	217.0	1111.3	18.4
-44.28	Min	Cent		-21.0	-22.7	-33.0	11.2	-54.9
-45.13			5941	-19.5	-19.3	-33.0	13.6	-52.4
-34.30			5906	-19.5	-45.4	-33.0	3.0	-68.0
-36.99			5905	-26.5	-45.4	-33.0	-1.6	-70.3
-48.11			5940	-26.5	-19.3	-33.0	10.4	-56.1

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

49.06	Max	Cent		951.9	7468.4	22835.7	27277.1	-18856.8
57.64			5941	16607.0	41851.1	26734.4	58793.3	-335.2
69.89			5906	5862.9	25435.0	8275.2	28464.7	2833.1
38.70			5905	12127.4	2533.5	21460.1	29320.1	-14659.2
36.14			5940	31847.6	7387.2	38297.3	59820.1	-20585.3
-78.90	Min	Cent		-59579.3	-39784.9	-4038.0	-38992.9	-60371.3
-3.48			5941	-16168.4	-94030.8	-4752.7	-15879.4	-94319.8
-75.72			5906	-88177.8	-50774.5	-10181.4	-48182.7	-90769.7
-83.96			5905	-162656.3	-44600.7	-12629.9	-43264.6	-163992.4
-60.25			5940	-35046.1	-29711.5	-4529.8	-27122.1	-37635.6

			NODE	Vxx	Vyy
Max	Cent			133.9	59.6
			5941	107.4	57.2
			5906	107.4	72.3
			5905	179.4	72.3
			5940	179.4	57.2
Min	Cent			-10.1	-74.4
			5941	-14.2	-105.9
			5906	-14.2	-67.4
			5905	-23.4	-67.4
			5940	-23.4	-105.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

7.06	pp	Cent		3506.3	162.6	420.7	3558.5	110.4
6.08			5941	4033.9	125.7	420.7	4078.7	80.9
6.19			5906	4033.9	199.4	420.7	4079.5	153.8
8.42			5905	2978.8	199.4	420.7	3041.1	137.1
8.22			5940	2978.8	125.7	420.7	3039.5	64.9

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
      Cent  -168025.5   -2767.1    4688.6   -2634.2  -168158.5
137.38
      5941   38827.1   102904.0   37382.5   120098.8   21632.3
137.30
      5906  -249446.9    4640.2   -19797.7    6173.5  -250980.3
-137.57
      5905  -386100.3   -98228.5   -28586.8   -95417.1  -388911.6
-137.38
      5940   -75382.0   -20384.2    28593.5   -8212.2   -87554.0
137.94
  
```

```

-----
      NODE      Vxx      Vyy
-----
      Cent      313.2     130.5
      5941      298.5     149.0
      5906      298.5     112.0
      5905      327.9     112.0
      5940      327.9     149.0
  
```

```

      ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
      vento -y
137.53
      Cent      9.5      -16.0     -4.9     10.4     -16.9
137.53
      5941     13.3     -7.6     -4.9     14.4     -8.7
137.58
      5906     13.3    -24.4     -4.9     13.9    -25.0
137.29
      5905      5.7    -24.4     -4.9      6.5    -25.1
137.03
      5940      5.7     -7.6     -4.9      7.3     -9.2
137.22
  
```

```

      ANGLE      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
137.96
      Cent    -100.9    294.6   -611.5    739.5   -545.8
137.02
      5941     -64.8    423.5   -669.2    891.8   -533.0
137.84
      5906   -767.1   -684.8   -413.5   -310.4  -1141.5
137.70
      5905     628.6   1144.5   -457.9   1412.1    361.0
137.58
      5940   -200.5    295.3   -713.7    802.9   -708.1
  
```

```

-----
      NODE      Vxx      Vyy
-----
      Cent      -0.1     -1.1
      5941       0.5      0.2
      5906       0.5     -2.3
      5905      -0.7     -2.3
      5940      -0.7      0.2
  
```

```

      ANGLE      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
      cedime~1
137.79
      Cent     120.2    -50.9     44.7     131.1    -61.8
137.78
      5941     141.1    -16.4     44.7     152.9    -28.1
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

10.76	5906	141.1	-85.4	44.7	149.6	-93.9
12.91	5905	99.2	-85.4	44.7	109.4	-95.7
18.85	5940	99.2	-16.4	44.7	114.5	-31.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-76.02	Cent	-5353.2	2631.5	-2119.1	3159.1	-5880.7
-79.88	5941	1557.8	7205.8	-1040.7	7391.5	1372.2
-76.63	5906	-9596.9	-303.2	-2341.8	253.5	-10153.6
-77.31	5905	-10825.8	1645.8	-2959.0	2312.3	-11492.2
-71.88	5940	-2547.8	1977.8	-1658.0	2520.2	-3090.2

	NODE	Vxx	Vyy
	Cent	9.9	1.6
	5941	10.7	6.5
	5906	10.7	-3.3
	5905	9.1	-3.3
	5940	9.1	6.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

9.59	perm	Cent	883.1	41.2	146.3	907.8	16.5
8.36		5941	1011.0	37.0	146.3	1032.5	15.5
8.43		5906	1011.0	45.3	146.3	1032.7	23.6
11.20		5905	755.1	45.3	146.3	784.1	16.3
11.09		5940	755.1	37.0	146.3	783.8	8.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

88.50	Cent	-43957.2	-1075.2	1124.7	-1045.7	-43986.6
64.18	5941	10027.9	25751.8	9933.4	30558.0	5221.6
-85.00	5906	-64278.4	88.5	-5675.2	585.1	-64774.9
-84.18	5905	-101835.9	-25032.6	-7908.3	-24226.8	-102641.7
66.77	5940	-19742.2	-5108.3	7700.2	-1803.1	-23047.5

	NODE	Vxx	Vyy
	Cent	81.8	31.5
	5941	76.9	36.9
	5906	76.9	26.1
	5905	86.8	26.1
	5940	86.8	36.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
10.27	INV TO~1	Max Cent	2770.7	237.0	484.0	2858.4	159.5
8.84		5941	3186.5	165.8	484.0	3261.8	100.3
9.06		5906	3186.5	315.5	484.0	3263.7	246.5
12.24		5905	2355.5	315.5	484.0	2460.5	220.6
11.85		5940	2355.5	165.8	484.0	2457.0	77.2
4.79		Min Cent	852.2	-48.7	71.7	858.3	-61.8
4.18		5941	983.5	-9.7	71.7	988.8	-21.5
4.06		5906	983.5	-108.3	71.7	988.6	-119.2
5.48		5905	718.5	-108.3	71.7	725.4	-122.7
5.70		5940	718.5	-9.7	71.7	725.7	-25.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.02	Max Cent	-41422.4	13490.3	35917.8	29141.4	-59705.0
57.68	5941	40826.1	90801.3	53766.6	124160.9	7466.5
82.31	5906	-51518.4	42774.3	12975.7	44527.3	-53271.4
67.06	5905	-64375.3	-16869.6	23650.5	-8504.0	-74386.6
40.85	5940	23252.0	6842.1	62985.8	77711.4	-47945.1
-75.92	Min Cent	-134224.8	-69745.8	-17944.7	-65776.4	-138721.7
-8.15	5941	-26411.1	-101189.8	-11976.8	-24844.6	-102756.3
-73.06	5906	-212391.6	-118292.6	-30804.6	-109322.3	-221578.9
-83.37	5905	-357690.8	-89610.0	-33293.4	-86081.5	-361739.5
-71.67	5940	-80842.5	-49530.0	-12362.7	-45983.5	-84931.3

	NODE	Vxx	Vyy
Max	Cent	292.7	121.8
	5941	251.5	123.2
	5906	251.5	139.3
	5905	358.2	139.3
	5940	358.2	123.2
Min	Cent	37.8	-100.4
	5941	33.6	-106.1
	5906	33.6	-137.3
	5905	23.0	-137.3
	5940	23.0	-106.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~2	Max	Cent	4733.6	237.0	568.0	4803.9	159.5
7.06								
6.08			5941	5445.8	169.7	568.0	5506.2	109.2
6.19			5906	5445.8	315.5	568.0	5507.4	246.5
8.42			5905	4021.4	315.5	568.0	4105.5	220.6
8.22			5940	4021.4	169.7	568.0	4103.4	87.7
4.79		Min	Cent	852.2	-48.7	71.7	858.3	-61.8
4.18			5941	983.5	-9.7	71.7	988.8	-21.5
4.06			5906	983.5	-108.3	71.7	988.6	-119.2
5.48			5905	718.5	-108.3	71.7	725.4	-122.7
5.70			5940	718.5	-9.7	71.7	725.7	-25.7

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.02		Max	Cent	-41422.4	13490.3	35917.8	29141.4	-59705.0
65.30			5941	52416.6	138920.4	53766.6	162133.4	29203.5
82.31			5906	-51518.4	42774.3	12975.7	44527.3	-53271.4
67.06			5905	-64375.3	-16869.6	23650.5	-8504.0	-74386.6
40.85			5940	23252.0	6842.1	62985.8	77711.4	-47945.1
-75.92		Min	Cent	-226834.5	-69745.8	-17944.7	-65776.4	-227013.9
-8.15			5941	-26411.1	-101189.8	-11976.8	-24844.6	-102756.3
-73.06			5906	-336753.4	-118292.6	-30804.6	-109322.3	-338823.3
-84.38			5905	-521235.4	-132608.4	-38592.2	-128813.1	-525030.7
-71.67			5940	-101765.7	-49530.0	-12362.7	-45983.5	-118197.9

		NODE	Vxx	Vyy
Max	Cent		422.8	176.2
	5941		402.9	201.1
	5906		402.9	151.2
	5905		442.7	151.2
	5940		442.7	201.1
Min	Cent		37.8	-100.4
	5941		33.6	-106.1
	5906		33.6	-137.3
	5905		23.0	-137.3
	5940		23.0	-106.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5617	1	16	c mob-a	Max	Cent	982.2	67.8	381.0	1120.1	-70.2
19.90					5977	1013.9	88.2	381.0	1150.6	-48.5
19.73					5941	1013.9	65.0	381.0	1148.0	-69.1

PROJECT TITLE :

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19.38							
		5940	950.6	65.0	381.0	1091.9	-76.4
20.36							
		5976	950.6	88.2	381.0	1094.8	-56.1
20.73							
	Min	Cent	-33.0	-23.9	-34.5	6.3	-63.2
-48.75							
		5977	-46.0	-18.4	-34.5	4.9	-69.4
-55.90							
		5941	-46.0	-48.7	-34.5	-12.9	-81.9
-43.88							
		5940	-23.0	-48.7	-34.5	0.9	-72.7
-34.78							
		5976	-23.0	-18.4	-34.5	13.8	-55.3
-46.89							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6038.3	11450.7	30212.1	39077.6	-21588.6
47.56								
			5977	16040.6	10364.2	20702.4	34098.5	-7693.6
41.10								
			5941	13647.1	34355.5	27882.0	53743.8	-5741.2
55.19								
			5940	28909.7	6184.3	40911.0	60006.6	-24912.7
37.24								
			5976	35421.1	5957.0	31793.1	55729.5	-14351.4
32.57								
	Min	Cent	-20166.0	-60785.7	-11060.3	-17349.7	-63602.0	
-14.29								
			5977	-31631.3	-112570.6	-13206.6	-29530.9	-114671.0
-9.04								
			5941	-53365.5	-92148.2	-12956.9	-49435.1	-96078.7
-16.87								
			5940	-35050.5	-30759.6	-10391.5	-22294.3	-43515.7
-50.83								
			5976	-22797.3	-30200.9	-13792.0	-12219.0	-40779.2
-37.49								

		NODE	Vxx	Vyy
	Max	Cent	55.9	29.5
		5977	67.8	4.9
		5941	67.8	59.1
		5940	58.9	59.1
		5976	58.9	4.9
	Min	Cent	-27.5	-101.4
		5977	-35.3	-116.6
		5941	-35.3	-96.3
		5940	-34.5	-96.3
		5976	-34.5	-116.6

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	937.0	39.6	382.2	1077.7	-101.1
20.21								
			5977	968.0	65.2	382.2	1108.1	-74.8
20.13								
			5941	968.0	33.0	382.2	1104.4	-103.3
19.63								
			5940	906.1	33.0	382.2	1049.8	-110.7
20.60								
			5976	906.1	65.2	382.2	1053.9	-82.5
21.14								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-53.70	Min	Cent	-33.4	-21.0	-19.8	-6.4	-48.0
-61.65		5977	-43.8	-17.7	-19.8	-7.0	-54.5
-44.55		5941	-43.8	-44.4	-19.8	-24.3	-64.0
-31.65		5940	-24.5	-44.4	-19.8	-12.2	-56.7
-49.82		5976	-24.5	-17.7	-19.8	-1.0	-41.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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48.12	Max	Cent	4673.0	10610.8	27123.4	34927.3	-19643.5
41.08		5977	12094.7	7970.0	14990.6	25164.2	-5099.5
60.22		5941	6246.0	33667.7	23333.3	47020.3	-7106.7
35.79		5940	32455.9	7471.9	37512.1	59501.3	-19573.5
30.30		5976	40312.9	6788.9	29754.6	57702.1	-10600.3
-7.84	Min	Cent	-16761.9	-61175.3	-6230.0	-15904.5	-62032.6
-3.48		5977	-22633.5	-120059.0	-5939.9	-22272.7	-120419.9
-4.88		5941	-43554.3	-94284.0	-4359.3	-43182.4	-94655.9
-55.04		5940	-32976.3	-29118.1	-5277.8	-25427.8	-36666.5
-30.02		5976	-18683.6	-29908.1	-9734.9	-13059.1	-35532.6

		NODE	Vxx	Vyy
Max	Cent	51.8	28.6	
	5977	53.4	4.9	
	5941	53.4	57.2	
	5940	61.1	57.2	
	5976	61.1	4.9	
Min	Cent	-20.0	-117.2	
	5977	-17.2	-136.4	
	5941	-17.2	-105.9	
	5940	-37.6	-105.9	
	5976	-37.6	-136.4	

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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18.61	pp	Cent	2608.0	56.7	969.1	2934.4	-269.7
18.75		5977	2693.5	167.3	969.1	3022.5	-161.6
17.60		5941	2693.5	-54.0	969.1	3001.0	-361.4
18.48		5940	2522.5	-54.0	969.1	2846.3	-377.8
19.73		5976	2522.5	167.3	969.1	2870.0	-180.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

61.55	Cent	-36547.1	13129.1	38087.3	33761.5	-57179.6
34.11	5977	19638.0	-4574.4	30300.9	40161.6	-25098.0
78.95	5941	-89292.2	77280.1	33814.3	83882.7	-95894.8
55.97	5940	-54958.5	-16299.5	47964.1	16083.6	-87341.5
50.63	5976	-21576.0	-3889.8	44450.8	32589.0	-58054.8

NODE	Vxx	Vyy
Cent	80.4	67.9
5977	128.9	-13.2
5941	128.9	149.0
5940	31.8	149.0
5976	31.8	-13.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-26.43	vento -y	Cent	4.7	-4.9	-6.4	7.9	-8.1
-27.05		5977	7.9	-1.3	-6.4	11.2	-4.5
-18.85		5941	7.9	-8.5	-6.4	10.1	-10.7
-25.84		5940	1.5	-8.5	-6.4	4.6	-11.6
-38.79		5976	1.5	-1.3	-6.4	6.6	-6.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-49.87	Cent	125.9	314.4	-549.3	777.5	-337.2
-56.23	5977	-351.8	136.2	-590.3	530.9	-746.6
-42.83	5941	662.8	569.1	-616.6	1234.3	-2.5
-52.02	5940	68.7	349.1	-560.7	786.9	-369.1
-47.12	5976	123.8	203.2	-534.4	699.3	-372.3

NODE	Vxx	Vyy
Cent	-0.4	0.1
5977	-1.0	0.0
5941	-1.0	0.2
5940	0.1	0.2
5976	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
25.79	cedime~1	Cent	79.8	-7.2	54.8	106.2	-33.6
26.67		5977	91.7	10.1	54.8	119.2	-17.4
21.67		5941	91.7	-24.4	54.8	113.5	-46.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

24.95		5940	67.8	-24.4	54.8	93.3	-49.9
31.12		5976	67.8	10.1	54.8	100.9	-22.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-260.5	3996.3	-645.9	4092.2	-356.3
-81.56		5977	411.9	4056.9	-807.9	4228.0	240.9
-78.05		5941	-139.5	6866.3	-932.4	6988.3	-261.4
-82.55		5940	-1256.3	2236.1	-561.0	2324.0	-1344.2
-81.09		5976	-58.1	2825.9	-436.5	2890.6	-122.7
-81.58		NODE	Vxx	Vyy			
		Cent	1.1	4.1			
		5977	1.1	1.7			
		5941	1.1	6.5			
		5940	1.1	6.5			
		5976	1.1	1.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	perm	Cent	652.0	21.4	286.5	762.8	-89.3
21.13		5977	672.2	52.0	286.5	784.3	-60.1
21.37		5941	672.2	-9.2	286.5	776.7	-113.6
20.03		5940	631.8	-9.2	286.5	741.2	-118.6
20.90		5976	631.8	52.0	286.5	749.5	-65.7
22.33		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		Cent	-9320.8	2998.3	10343.3	8877.1	-15199.7
60.39		5977	5496.6	-2305.2	8337.7	10800.8	-7609.4
32.46		5941	-23361.7	19073.8	9165.3	20968.8	-25256.7
78.32		5940	-14395.3	-4038.9	12882.8	4667.5	-23101.7
55.95		5976	-5022.9	-736.7	12055.2	9364.5	-15124.0
50.04		NODE	Vxx	Vyy			
		Cent	21.5	15.7			
		5977	34.1	-5.4			
		5941	34.1	36.9			
		5940	9.0	36.9			
		5976	9.0	-5.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE	INV TO~1	Max	Cent					
20.65				2057.7	112.9	857.3	2380.8	-93.1
20.65			5977	2132.8	181.1	857.3	2455.9	-59.0
19.76			5941	2132.8	78.6	857.3	2440.7	-150.7
20.82			5940	1982.9	78.6	857.3	2308.9	-151.7
21.79			5976	1982.9	181.1	857.3	2325.6	-60.3
18.92		Min	Cent	606.9	-18.0	240.0	689.2	-217.3
19.73			5977	610.1	27.1	240.0	696.2	-142.0
17.51			5941	610.1	-99.4	240.0	685.8	-253.8
17.73			5940	598.8	-99.4	240.0	675.5	-271.8
20.01			5976	598.8	27.1	240.0	686.1	-161.6

ANGLE

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.65		Max	Cent	-1169.2	22453.0	51129.6	62388.5	-41365.1
40.27			5977	27563.4	15743.5	36285.9	57620.3	-14313.5
65.08			5941	-4938.2	72320.1	46806.0	93637.9	-26395.4
40.13			5940	29420.1	8284.2	68112.8	86842.1	-50055.1
35.38			5976	49399.4	11254.3	54975.9	88066.3	-27470.6
-7.55		Min	Cent	-36805.4	-79588.3	-5234.0	-36111.6	-80072.0
-4.24			5977	-37205.6	-164384.9	-10299.1	-36501.2	-165089.3
-26.22			5941	-95544.7	-108209.5	-9258.8	-91304.2	-112310.6
-85.96			5940	-62969.7	-45564.3	-1706.7	-45483.5	-63116.9
-33.25			5976	-35857.4	-41507.9	-7000.4	-31495.9	-45811.2

ANGLE

ANGLE			NODE	Vxx	Vyy
		Max	Cent	98.2	59.7
			5977	126.8	2.9
			5941	126.8	123.2
			5940	92.6	123.2
			5976	92.6	2.9
		Min	Cent	-15.7	-142.5
			5977	-13.5	-189.6
			5941	-13.5	-106.1
			5940	-41.8	-106.1
			5976	-41.8	-189.6

ANGLE

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
18.61		INV TO~2	Max	Cent	3520.8	112.9	1308.3	3961.4	-93.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.75		5977	3636.3	225.9	1308.3	4080.4	-59.0
17.60		5941	3636.3	78.6	1308.3	4051.3	-150.7
18.48		5940	3405.4	78.6	1308.3	3842.5	-151.7
19.73		5976	3405.4	225.9	1308.3	3874.5	-60.3
18.92	Min	Cent	606.9	-18.0	240.0	689.2	-364.1
19.73		5977	610.1	27.1	240.0	696.2	-218.1
17.51		5941	610.1	-99.4	240.0	685.8	-487.9
17.73		5940	598.8	-99.4	240.0	675.5	-510.0
20.01		5976	598.8	27.1	240.0	686.1	-243.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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51.65	Max	Cent	-1169.2	22453.0	51417.8	62388.5	-41365.1
40.27		5977	27563.4	15743.5	40906.3	57620.3	-14313.5
78.95		5941	-4938.2	104328.2	46806.0	113241.7	-26395.4
40.13		5940	29420.1	8284.2	68112.8	86842.1	-50055.1
35.38		5976	49399.4	11254.3	60008.6	88066.3	-27470.6
-7.55	Min	Cent	-49338.7	-79588.3	-5234.0	-36111.6	-80072.0
-4.24		5977	-37205.6	-164384.9	-10299.1	-36501.2	-165089.3
-26.22		5941	-120544.4	-108209.5	-9258.8	-91304.2	-129457.9
-85.96		5940	-74193.9	-45564.3	-1706.7	-45483.5	-117911.0
-33.25		5976	-35857.4	-41507.9	-7000.4	-31495.9	-78373.9

		NODE	Vxx	Vyy
Max	Cent		108.5	91.6
	5977		174.0	2.9
	5941		174.0	201.1
	5940		92.6	201.1
	5976		92.6	2.9
Min	Cent		-15.7	-142.5
	5977		-13.5	-189.6
	5941		-13.5	-106.1
	5940		-41.8	-106.1
	5976		-41.8	-189.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5702	1	4	c mob-a	Max	Cent	3335.0	18.0	21.9	3335.1	17.8
0.38					5942	3238.2	71.4	21.9	3238.4	71.3
0.40					5907	3238.2	29.0	21.9	3238.4	28.9
0.39					5906	3431.9	29.0	21.9	3432.0	28.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.37			5941	3431.9	71.4	21.9	3432.0	71.3
0.37								
-41.96		Min	Cent	-62.7	-194.8	-620.9	495.6	-753.1
-45.77				5942	-43.3	-10.1	-620.9	594.4
-35.85				5907	-43.3	-454.1	-620.9	405.3
-36.67				5906	-82.3	-454.1	-620.9	380.0
-46.66				5941	-82.3	-10.1	-620.9	575.8

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	24569.5	14170.7	77537.3	97081.6	-58341.3
43.08				5942	90689.9	11341.1	79726.1	-38036.7
31.77				5907	76535.5	23315.3	61929.7	-17479.2
33.37				5906	28334.9	33490.5	59619.3	-28762.3
46.24				5941	85315.6	28247.3	78457.8	-26704.0
35.01		Min	Cent	-522852.2	-160118.9	-66747.7	-148226.3	-534744.7
-79.90				5942	-404208.7	-143672.0	-59444.1	-130750.1
-77.74				5907	-634906.3	-153824.0	-85173.9	-139189.4
-80.25				5906	-785693.4	-247291.8	-80751.0	-235441.4
-81.65				5941	-375590.7	-157008.4	-55477.8	-143733.8
-76.54								

			NODE	Vxx	Vyy
		Max	Cent	416.3	137.6
				5942	485.1
				5907	485.1
				5906	564.4
				5941	564.4
		Min	Cent	-35.5	-22.3
				5942	-202.0
				5907	-202.0
				5906	-149.0
				5941	-149.0

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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			c mob-b	Max	Cent	3197.2	19.6	16.4	3197.3
0.30						5942	3106.5	69.2	16.4
0.31						5907	3106.5	24.3	16.4
0.30						5906	3288.2	24.3	16.4
0.29						5941	3288.2	69.2	16.4
0.29									
-41.69		Min	Cent	-50.1	-188.8	-597.5	482.1	-721.0	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.71		5942	-39.7	-10.0	-597.5	572.9	-622.5
-35.77		5907	-39.7	-438.7	-597.5	390.8	-869.2
-36.24		5906	-61.3	-438.7	-597.5	376.6	-876.7
-46.23		5941	-61.3	-10.0	-597.5	562.4	-633.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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42.00	Max	Cent	24137.5	11058.7	62124.9	80066.2	-44870.0
33.46		5942	48042.0	9216.6	45572.1	78163.8	-20905.2
37.07		5907	52049.1	16180.0	63102.3	99716.0	-31486.8
47.25		5906	16726.5	26020.9	58954.6	80511.2	-37763.8
31.76		5941	70615.6	25917.5	44859.2	98384.6	-1851.6
-85.71	Min	Cent	-503241.4	-101457.1	-30342.3	-99178.6	-505519.9
-82.63		5942	-374625.2	-91637.7	-37241.0	-86818.8	-379444.0
-84.78		5907	-606598.8	-83440.8	-48208.8	-79035.5	-611004.1
-85.65		5906	-751316.6	-175269.4	-44108.7	-171911.5	-754674.5
-80.97		5941	-312985.8	-112821.3	-32641.8	-107632.7	-318174.4

		NODE	Vxx	Vyy
Max	Cent		376.1	148.7
	5942		368.9	125.7
	5907		368.9	254.2
	5906		499.1	254.2
	5941		499.1	125.7
Min	Cent		-27.2	-17.1
	5942		-131.4	-78.7
	5907		-131.4	-19.7
	5906		-66.1	-19.7
	5941		-66.1	-78.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-9.61	pp	Cent	8940.6	-521.7	-1649.7	9219.9	-801.0
-10.62		5942	8679.9	191.0	-1649.7	8989.2	-118.3
-9.20		5907	8679.9	-1234.3	-1649.7	8947.2	-1501.6
-8.77		5906	9201.2	-1234.3	-1649.7	9455.8	-1488.9
-10.06		5941	9201.2	191.0	-1649.7	9493.8	-101.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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87.87		Cent	-1426810.0	-82050.0	50037.2	-80190.8	-1428669.3
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.22	5942	-1043789.2	-55065.5	83210.0	-48111.5	-1050743.1
-87.77	5907	-1701265.8	-60211.7	-63881.2	-57728.7	-1703748.7
-88.23	5906	-2134295.8	-250745.7	-58105.2	-248954.9	-2136086.6
84.19	5941	-827889.3	37822.7	88986.1	46874.8	-836941.4

NODE	Vxx	Vyy
Cent	1058.4	107.6
5942	729.4	-197.3
5907	729.4	412.6
5906	1387.4	412.6
5941	1387.4	-197.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.77	vento -y	Cent	43.2	-15.9	-18.1	48.3	-21.0
-16.63		5942	51.3	-4.0	-18.1	56.7	-9.5
-12.33		5907	51.3	-27.8	-18.1	55.2	-31.8
-14.98		5906	35.2	-27.8	-18.1	40.0	-32.6
-21.39		5941	35.2	-4.0	-18.1	42.3	-11.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-64.85	Cent	-4003.4	-1251.6	-1657.9	-473.1	-4782.0
13.09	5942	2545.8	207.8	574.6	2679.4	74.2
-68.98	5907	-8058.5	-1739.6	-2849.5	-644.5	-9153.7
-61.92	5906	-6548.1	-2639.9	-2914.4	-1085.2	-8102.9
80.95	5941	-3952.9	-834.6	509.7	-753.4	-4034.1

NODE	Vxx	Vyy
Cent	6.9	1.9
5942	11.3	-1.0
5907	11.3	4.8
5906	2.5	4.8
5941	2.5	-1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-12.35	cedime~1	Cent	359.0	-64.2	-97.4	380.3	-85.5
-13.44		5942	378.9	-5.3	-97.4	402.1	-28.5
-10.60		5907	378.9	-123.2	-97.4	397.1	-141.4
-11.42		5906	339.0	-123.2	-97.4	358.7	-142.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		5941	339.0	-5.3	-97.4	364.7	-30.9
-14.75							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-54823.3	-4840.3	-4886.7	-4367.0	-55296.6
-84.47		5942	-22159.1	885.9	3597.0	1434.3	-22707.5
81.33		5907	-75973.7	-6816.9	-12428.1	-4651.3	-78139.3
-80.12		5906	-84448.7	-13877.6	-12528.3	-11719.5	-86606.8
-80.23		5941	-36711.9	447.4	3496.9	773.7	-37038.1
84.67							
		NODE	Vxx	Vyy			
-----		Cent	54.0	5.7			
		5942	58.1	-9.8			
		5907	58.1	21.3			
		5906	49.9	21.3			
		5941	49.9	-9.8			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
-----	perm	Cent	2238.2	-122.0	-414.1	2308.8	-192.6
-9.67		5942	2168.8	54.9	-414.1	2247.0	-23.3
-10.70		5907	2168.8	-298.9	-414.1	2236.4	-366.6
-9.28		5906	2307.7	-298.9	-414.1	2371.9	-363.1
-8.81		5941	2307.7	54.9	-414.1	2381.4	-18.8
-10.09							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
-----		Cent	-365110.1	-22814.3	11381.9	-22436.3	-365488.2
88.10		5942	-266762.3	-14818.9	20502.3	-13161.4	-268419.8
85.38		5907	-434696.2	-18217.5	-18568.0	-17391.3	-435522.4
-87.45		5906	-547755.4	-66543.7	-17248.6	-65926.2	-548372.8
-87.95		5941	-211226.6	8322.9	21821.6	10470.8	-213374.5
84.38							
		NODE	Vxx	Vyy			
-----		Cent	271.6	27.2			
		5942	185.8	-47.8			
		5907	185.8	102.1			
		5906	357.3	102.1			
		5941	357.3	-47.8			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.47								
-46.71	Min	Cent	-106.9	-27.5	-663.9	597.9	-732.3	
-46.84			5978	-94.2	-9.0	-663.9	613.7	-716.9
-43.93			5942	-94.2	-143.8	-663.9	545.4	-783.4
-44.49			5941	-120.0	-143.8	-663.9	532.1	-795.9
-47.39			5977	-120.0	-9.0	-663.9	601.7	-730.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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36.29	Max	Cent	56430.3	13058.3	69095.6	107163.1	-37674.6
26.39			5978	94714.2	4919.8	59125.6	-24423.1
29.09			5942	85469.8	21403.7	51609.1	-7305.4
30.71			5941	94572.5	38422.2	51556.2	7792.5
28.50			5977	87662.4	5752.0	63042.2	-28470.2
-59.91	Min	Cent	-202988.0	-135185.5	-59139.5	-100919.5	-237254.0
-56.73			5978	-194194.2	-136647.8	-66287.4	-93158.2
-77.70			5942	-320935.5	-130672.0	-43573.8	-121167.6
-78.75			5941	-357286.6	-158282.8	-41202.1	-150089.6
-51.26			5977	-189263.4	-162241.8	-60865.4	-113405.6

		NODE	Vxx	Vyy
Max	Cent		206.2	90.5
		5978	296.1	105.5
		5942	296.1	93.7
		5941	334.9	93.7
		5977	334.9	105.5
Min	Cent		-45.0	-40.0
		5978	-155.2	-9.9
		5942	-155.2	-84.2
		5941	-174.2	-84.2
		5977	-174.2	-9.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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0.41	c mob-b	Max	Cent	2184.0	13.7	15.4	2184.1	13.5
0.44				5978	2128.7	104.1	15.4	2128.8
0.42				5942	2128.7	7.8	15.4	2128.8
0.40				5941	2239.7	7.8	15.4	2239.8
0.41				5977	2239.7	104.1	15.4	2239.8
-46.48		Min	Cent	-91.6	-25.5	-638.0	580.3	-697.4
-46.58				5978	-79.6	-9.2	-638.0	594.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.66		5942	-79.6	-139.1	-638.0	529.3	-748.0
-44.21		5941	-104.0	-139.1	-638.0	516.7	-759.8
-47.13		5977	-104.0	-9.2	-638.0	583.1	-696.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	56155.0	11573.7	54765.3	92992.2	-25263.6
33.93			5978	72643.9	3836.3	43493.8	93695.8	-17215.6
25.83			5942	85999.5	17190.4	38781.7	103437.9	-248.0
24.21			5941	64532.1	34103.5	37515.0	89800.5	8835.1
33.96			5977	78935.5	4631.8	47334.8	101957.1	-18389.8
25.94		Min	Cent	-190543.8	-91123.7	-28828.5	-83369.2	-198298.3
-74.94			5978	-157949.3	-91251.9	-30263.5	-79567.2	-169634.0
-68.89			5942	-259012.0	-72678.7	-25994.8	-69120.2	-262570.5
-82.21			5941	-310784.6	-115901.0	-22773.6	-113275.1	-313410.5
-83.42			5977	-136273.3	-125733.4	-23002.6	-107404.8	-154601.9
-51.45								

		NODE	Vxx	Vyy
	Max	Cent	189.2	127.4
		5978	220.2	141.3
		5942	220.2	125.7
		5941	263.7	125.7
		5977	263.7	141.3
	Min	Cent	-33.3	-37.1
		5978	-132.1	-6.9
		5942	-132.1	-78.7
		5941	-85.1	-78.7
		5977	-85.1	-6.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	6070.7	-47.1	-1763.3	6542.5	-518.9
-14.98			5978	5913.1	288.9	-1763.3	6420.2	-218.2
-16.04			5942	5913.1	-383.0	-1763.3	6373.3	-843.2
-14.63			5941	6228.3	-383.0	-1763.3	6669.2	-823.9
-14.04			5977	6228.3	288.9	-1763.3	6712.3	-195.2
-15.35								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-529946.5	-6282.1	49386.4	-1665.2	-534563.4
84.66		5978	-364220.8	-48225.1	24189.5	-46384.2	-366061.7
85.65							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

88.26		5942	-698415.7	14009.2	21638.0	14665.8	-699072.3
87.46		5941	-831338.7	37132.8	38663.5	38850.7	-833056.6
78.69		5977	-225810.7	-28045.2	41215.0	-19799.7	-234056.3

NODE	Vxx	Vyy
Cent	496.5	-83.8
5978	356.6	29.8
5942	356.6	-197.3
5941	636.4	-197.3
5977	636.4	29.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-28.41	vento -y	Cent	22.6	-2.8	-19.4	33.1	-13.3
-29.96		5978	25.1	2.6	-19.4	36.3	-8.6
-24.72		5942	25.1	-8.2	-19.4	34.0	-17.1
-26.96		5941	20.2	-8.2	-19.4	30.0	-18.0
-32.83		5977	20.2	2.6	-19.4	32.7	-9.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-39.20	Cent	1204.9	123.9	-2632.2	3351.5	-2022.7
-13.06	5978	6955.6	1194.9	-1412.6	7283.4	867.1
-66.01	5942	-4367.6	-1174.9	-1772.3	-386.0	-5156.5
-25.76	5941	3489.9	654.0	-1784.3	4351.0	-207.2
-55.38	5977	-1258.1	-178.4	-1424.6	805.2	-2241.7

NODE	Vxx	Vyy
Cent	3.2	-1.0
5978	11.2	-1.1
5942	11.2	-1.0
5941	-4.7	-1.0
5977	-4.7	-1.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-20.76	cedime~1	Cent	217.5	-10.6	-100.9	255.7	-48.9
-22.06		5978	220.5	12.3	-100.9	261.4	-28.6
-19.24		5942	220.5	-33.5	-100.9	255.7	-68.8
-19.57		5941	214.4	-33.5	-100.9	250.3	-69.4
-22.48		5977	214.4	12.3	-100.9	256.2	-29.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-68.93		Cent	-11512.3	1090.3	-5699.8	3285.7	-13707.7
-17.98		5978	10483.7	2088.0	-3044.8	11471.7	1100.0
-82.97		5942	-33201.1	-1322.5	-3993.8	-829.8	-33693.8
-80.30		5941	-13766.0	5036.6	-3311.2	5602.7	-14332.0
-74.91		5977	-9565.8	-1440.9	-2362.2	-804.0	-10202.7

NODE	Vxx	Vyy
Cent	24.9	-5.9
5978	44.2	-1.9
5942	44.2	-9.8
5941	5.7	-9.8
5977	5.7	-1.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.02	perm	Cent	1511.2	-6.6	-438.9	1629.0	-124.4
-16.11		5978	1470.4	77.3	-438.9	1597.1	-49.4
-14.68		5942	1470.4	-90.5	-438.9	1585.3	-205.4
-14.06		5941	1552.1	-90.5	-438.9	1662.0	-200.4
-15.38		5977	1552.1	77.3	-438.9	1672.8	-43.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
83.61		Cent	-134683.3	-3588.6	14858.1	-1925.7	-136346.2
85.41		5978	-95660.0	-15760.6	6456.1	-15242.3	-96178.3
87.40		5942	-175799.4	3373.6	8145.6	3743.2	-176169.0
86.72		5941	-213658.3	7836.5	12724.4	8565.1	-214386.9
76.63		5977	-53615.7	-9803.8	11034.9	-7181.5	-56238.1

NODE	Vxx	Vyy
Cent	127.3	-19.0
5978	86.4	9.7
5942	86.4	-47.8
5941	168.3	-47.8
5977	168.3	9.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	4813.8	12.3	-414.0	4868.3	-24.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.04			5978	4696.0	236.8	-414.0	4754.7	184.6
-6.50			5942	4696.0	-74.3	-414.0	4750.6	-111.6
-6.05			5941	4932.0	-74.3	-414.0	4984.1	-109.8
-5.77			5977	4932.0	236.8	-414.0	4987.8	186.7
-6.19		Min	Cent	1366.9	-54.3	-1436.1	2171.6	-888.4
-31.08			5978	1343.2	64.9	-1436.1	2184.4	-796.6
-32.21			5942	1343.2	-318.1	-1436.1	2093.0	-1094.1
-29.32			5941	1390.0	-318.1	-1436.1	2128.7	-1085.0
-28.95			5977	1390.0	64.9	-1436.1	2218.0	-785.7
-31.80								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	-58502.5	15130.4	108137.2	91827.0	-136289.4
54.27			5978	42687.9	-7030.8	86275.6	104692.5	-69035.4
36.69			5942	-59700.1	32268.7	77817.8	76673.3	-104104.8
60.29			5941	-85985.4	64743.2	82325.3	96787.8	-123066.6
65.75			5977	64728.5	-2038.6	96141.9	133117.9	-70427.9
35.43		Min	Cent	-420229.5	-186089.0	-70679.9	-168510.7	-439833.0
-74.86			5978	-357822.2	-200235.2	-86076.7	-164561.7	-393495.7
-66.75			5942	-642263.4	-174356.1	-54672.9	-168052.7	-648566.7
-83.42			5941	-709761.1	-205845.2	-46209.7	-202119.0	-713922.6
-85.04			5977	-318687.0	-230271.1	-73495.7	-188712.1	-360245.9
-60.51								

			NODE	Vxx	Vyy
	Max	Cent	5978	430.6	152.9
			5942	530.4	200.5
			5941	530.4	121.9
			5977	626.1	121.9
			5977	626.1	200.5
	Min	Cent	5978	66.6	-78.8
			5978	-123.1	-5.5
			5942	-123.1	-171.3
			5941	-66.9	-171.3
			5977	-66.9	-5.5

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	8195.5	12.3	-414.0	8832.4	-24.8
-14.98			5978	7982.7	390.0	-414.0	8667.3	184.6
-16.04			5942	7982.7	-74.3	-414.0	8604.0	-111.6
-14.63								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-14.04			5941	8408.2	-74.3	-414.0	9003.4	-109.8
-15.35			5977	8408.2	390.0	-414.0	9061.6	186.7
-31.08	Min	Cent		1366.9	-63.5	-2380.4	2171.6	-888.4
-32.21			5978	1343.2	64.9	-2380.4	2184.4	-796.6
-29.32			5942	1343.2	-517.0	-2380.4	2093.0	-1138.3
-28.95			5941	1390.0	-517.0	-2380.4	2128.7	-1112.2
-31.80			5977	1390.0	64.9	-2380.4	2218.0	-785.7

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.27	Max	Cent		-58502.5	15130.4	108137.2	91827.0	-136289.4
36.69			5978	42687.9	-7030.8	86275.6	104692.5	-69035.4
60.29			5942	-59700.1	32268.7	77817.8	76673.3	-104104.8
65.75			5941	-85985.4	64743.2	82325.3	96787.8	-123066.6
35.43			5977	64728.5	-2038.6	96141.9	133117.9	-70427.9
-74.86	Min	Cent		-715427.7	-186089.0	-70679.9	-168510.7	-721660.5
-66.75			5978	-491698.0	-200235.2	-86076.7	-164561.7	-494183.4
-83.42			5942	-942861.1	-174356.1	-54672.9	-168052.7	-943747.5
-85.04			5941	-1122307.2	-205845.2	-46209.7	-202119.0	-1124626.3
-60.51			5977	-318687.0	-230271.1	-73495.7	-188712.1	-360245.9

NODE Vxx Vyy

Max	Cent	670.3	152.9
	5978	530.4	200.5
	5942	530.4	121.9
	5941	859.1	121.9
	5977	859.1	200.5
Min	Cent	66.6	-113.1
	5978	-123.1	-5.5
	5942	-123.1	-266.4
	5941	-66.9	-266.4
	5977	-66.9	-5.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5788	1	16	c mob-a	Max	Cent	1269.8	13.1	11.7	1269.9	13.0
0.53					5943	1153.7	14.6	11.7	1153.8	14.4
0.59					5908	1153.7	18.5	11.7	1153.8	18.3
0.59					5907	1386.3	18.5	11.7	1386.4	18.4
0.49					5942	1386.3	14.6	11.7	1386.4	14.5
0.49				Min	Cent	-14.8	-117.5	-361.8	299.3	-431.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.96			5943	-12.3	-19.3	-361.8	346.0	-377.6
-44.72			5908	-12.3	-223.1	-361.8	259.1	-494.6
-36.88			5907	-19.4	-223.1	-361.8	254.6	-497.1
-37.14			5942	-19.4	-19.3	-361.8	342.5	-381.1
-45.00								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	909.1	6445.9	28282.4	32095.1	-24740.1
47.80			5943	13078.7	3989.4	33772.6	42611.1	-25543.0
41.17			5908	12213.6	6651.8	32099.5	41652.4	-22787.0
42.52			5907	12005.7	8751.8	26796.2	37224.3	-16466.8
43.26			5942	12600.6	10443.0	25220.5	36765.4	-13721.8
43.78		Min	Cent	-48319.1	-109235.4	-23890.7	-40067.2	-117487.2
-19.05			5943	-44910.8	-81283.9	-28713.7	-29108.7	-97085.9
-28.83			5908	-56544.8	-77643.7	-31685.9	-33698.3	-100490.2
-35.79			5907	-98082.4	-154492.2	-24013.4	-89244.6	-163330.0
-20.21			5942	-45332.8	-134154.6	-22482.0	-39966.5	-139520.9
-13.42								

			NODE	Vxx	Vyy
	Max	Cent		68.3	109.8
		5943		34.8	98.1
		5908		34.8	129.9
		5907		104.4	129.9
		5942		104.4	98.1
	Min	Cent		-30.5	-9.9
		5943		-22.5	-10.7
		5908		-22.5	-11.4
		5907		-43.5	-11.4
		5942		-43.5	-10.7

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	1218.7	15.4	8.7	1218.8	15.4
0.42				5943	1107.9	16.7	8.7	1108.0	16.7
0.46				5908	1107.9	16.8	8.7	1108.0	16.8
0.46				5907	1329.8	16.8	8.7	1329.9	16.8
0.38				5942	1329.8	16.7	8.7	1329.9	16.7
0.38			Min	Cent	-13.2	-113.5	-347.2	287.4	-414.1
-40.89				5943	-11.1	-18.4	-347.2	332.4	-362.0
-44.70				5908	-11.1	-215.5	-347.2	248.6	-475.3
-36.80									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-37.03		5907	-17.3	-215.5	-347.2	244.7	-477.5
-44.95		5942	-17.3	-18.4	-347.2	329.3	-365.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	1700.4	5398.4	22102.8	25729.4	-18630.6
47.39		5943	32049.8	11229.3	24657.3	48404.3	-5125.2
33.56		5908	30247.8	12336.6	20445.9	43613.4	-1029.1
33.17		5907	7642.2	6763.5	16462.9	23671.6	-9265.9
44.24		5942	8527.7	8262.9	20574.8	28970.5	-12180.0
44.82	Min	Cent	-39443.0	-45308.5	-17116.1	-25010.1	-59741.3
-40.14		5943	-44008.1	-22645.6	-16693.1	-13509.0	-53144.7
-61.31		5908	-49949.4	-18656.4	-21701.7	-7548.8	-61056.9
-62.90		5907	-73956.3	-92492.3	-16575.5	-64233.7	-102214.8
-30.39		5942	-29543.4	-82649.7	-11719.4	-27072.2	-85120.9
-11.91							

		NODE	Vxx	Vyy
	Max	Cent	62.9	130.8
		5943	51.9	133.0
		5908	51.9	148.1
		5907	79.4	148.1
		5942	79.4	133.0
	Min	Cent	-33.5	-7.9
		5943	-42.9	-8.2
		5908	-42.9	-9.4
		5907	-28.3	-9.4
		5942	-28.3	-8.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	pp	Cent	3396.2	-309.7	-946.0	3623.7	-537.2
-13.52		5943	3077.1	-18.8	-946.0	3343.3	-285.0
-15.72		5908	3077.1	-600.6	-946.0	3306.2	-829.7
-13.61		5907	3715.3	-600.6	-946.0	3913.6	-798.8
-11.84		5942	3715.3	-18.8	-946.0	3941.3	-244.8
-13.44							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	-108891.3	-34254.0	16456.8	-30786.5	-112358.8
78.10		5943	-91505.5	-28733.9	16533.7	-24645.4	-95594.1
76.11		5908	-108345.0	-11797.6	7801.5	-11171.3	-108971.3
85.41							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

86.03	5907	-192898.9	-70408.9	8535.8	-69816.9	-193490.9
57.93	5942	-42816.0	-26075.5	17268.0	-15256.1	-53635.4

NODE	Vxx	Vyy
Cent	89.7	46.0
5943	22.5	13.4
5908	22.5	78.7
5907	156.9	78.7
5942	156.9	13.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	23.0	-10.9	-10.7	26.1	-14.0
-16.10		5943	24.8	-5.4	-10.7	28.2	-8.8
-17.64		5908	24.8	-16.5	-10.7	27.4	-19.1
-13.69		5907	21.2	-16.5	-10.7	24.0	-19.3
-14.78		5942	21.2	-5.4	-10.7	25.0	-9.2
-19.39							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-424.8	-493.8	-306.7	-150.7	-768.0
-41.79	5943	-326.4	-265.3	-419.0	124.2	-715.9
-47.09	5908	-680.2	-316.1	-250.3	-188.7	-807.7
-63.01	5907	-1548.3	-1212.8	-315.5	-1023.2	-1737.8
-59.00	5942	855.6	-180.9	-484.1	1046.5	-371.8
-21.52						

NODE	Vxx	Vyy
Cent	1.4	0.8
5943	0.4	0.3
5908	0.4	1.4
5907	2.4	1.4
5942	2.4	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	157.0	-42.9	-53.8	170.6	-56.4
-14.14		5943	154.2	-16.9	-53.8	169.7	-32.4
-16.07		5908	154.2	-68.9	-53.8	166.5	-81.2
-12.87		5907	159.9	-68.9	-53.8	171.9	-80.9
-12.59		5942	159.9	-16.9	-53.8	174.9	-32.0
-15.66							

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	5943	5908	5907	5942		
-75.97	-4091.7	-3456.2	-4265.8	-10329.6	1684.7	-1579.8	-669.7
-71.74	-1050.6	-583.9	-4264.7	-419.9		-890.6	-1412.4
-75.73	-1101.3	-1001.3	-1101.1	-990.4		-1001.3	-329.2
-80.02	-4071.0	-4071.0	-4071.0	2077.4		-4071.0	-10523.3
-21.63	-812.7						

NODE Vxx Vyy

Cent	6.7	2.7
5943	1.0	0.8
5908	1.0	4.7
5907	12.5	4.7
5942	12.5	0.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.63	perm	Cent	847.8	-71.4	-236.8	905.2	-128.8
-15.86		5943	766.9	0.7	-236.8	834.1	-66.6
-13.74		5908	766.9	-143.4	-236.8	824.8	-201.3
-11.91		5907	928.8	-143.4	-236.8	978.8	-193.4
-13.51		5942	928.8	0.7	-236.8	985.7	-56.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.62	Cent	-27646.0	-9811.6	4113.4	-8908.5	-28549.0
75.19	5943	-23150.7	-7859.0	4345.5	-6710.4	-24299.3
86.06	5908	-26607.1	-3483.7	1600.5	-3373.4	-26717.4
86.51	5907	-49469.6	-19284.0	1848.8	-19171.2	-49582.4
53.29	5942	-11356.6	-8619.5	4593.8	-5194.7	-14781.4

NODE Vxx Vyy

Cent	22.4	13.5
5943	4.8	5.9
5908	4.8	21.2
5907	40.0	21.2
5942	40.0	5.9

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-5.53	INV TO~1 Max	Cent	2719.1	-50.6	-221.0	2745.7	-69.1
		5943	2478.6	23.3	-221.0	2508.8	2.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.27			5908	2478.6	-118.5	-221.0	2506.6	-138.3
-5.82			5907	2960.2	-118.5	-221.0	2984.0	-135.1
-4.95			5942	2960.2	23.3	-221.0	2985.5	5.8
-5.27		Min	Cent	827.9	-272.9	-779.0	1196.5	-645.2
-26.95			5943	750.3	-42.3	-779.0	1184.8	-480.4
-30.93			5908	750.3	-513.5	-779.0	1092.4	-857.8
-25.26			5907	902.7	-513.5	-779.0	1218.8	-833.5
-23.56			5942	902.7	-42.3	-779.0	1299.6	-444.8
-28.69								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	-25350.5	-1109.5	42294.7	30767.1	-57227.1
53.00			5943	20116.5	7300.6	49938.6	64056.6	-36639.5
41.34			5908	14227.4	13170.7	44934.8	58637.0	-31238.9
44.66			5907	-33261.8	-7469.2	38023.8	19785.7	-60516.8
54.37			5942	7338.9	5478.5	38641.6	44208.0	-31469.7
44.93		Min	Cent	-96968.5	-158859.1	-28808.8	-85634.3	-170193.3
-21.48			5943	-87236.4	-118642.8	-35308.5	-64296.5	-141582.6
-33.01			5908	-107208.4	-108886.6	-42176.8	-65862.3	-150232.7
-44.43			5907	-192210.4	-232113.2	-31670.4	-174730.9	-249592.7
-28.90			5942	-72555.9	-190148.2	-26747.3	-67144.0	-195871.5
-11.87								

			NODE	Vxx	Vyy
	Max	Cent	5943	121.3	192.8
			5908	75.9	186.1
			5907	75.9	225.8
			5942	193.4	225.8
			5942	193.4	186.1
	Min	Cent	5943	-22.8	0.2
			5908	-53.1	-8.5
			5907	-53.1	5.8
			5942	-18.7	5.8
			5942	-18.7	-8.5

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	4584.8	-50.6	-221.0	4892.0	-69.1
-13.52			5943	4154.0	23.3	-221.0	4513.4	2.2
-15.72			5908	4154.0	-118.5	-221.0	4463.3	-138.3
-13.61			5907	5015.6	-118.5	-221.0	5283.3	-135.1
-11.84								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-13.44			5942	5015.6	23.3	-221.0	5320.7	5.8
-26.95	Min	Cent		827.9	-418.0	-1277.2	1196.5	-725.2
-30.93			5943	750.3	-42.3	-1277.2	1184.8	-480.4
-25.26			5908	750.3	-810.8	-1277.2	1092.4	-1120.1
-23.56			5907	902.7	-810.8	-1277.2	1218.8	-1078.4
-28.69			5942	902.7	-42.3	-1277.2	1299.6	-444.8

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.00	Max	Cent		-25350.5	-1109.5	42294.7	30767.1	-57227.1
41.34			5943	20116.5	7300.6	49938.6	64056.6	-36639.5
44.66			5908	14227.4	13170.7	44934.8	58637.0	-31238.9
54.37			5907	-33261.8	-7469.2	38023.8	19785.7	-60516.8
44.93			5942	7338.9	5478.5	38641.6	44208.0	-31469.7
-21.48	Min	Cent		-147003.3	-158859.1	-28808.8	-85634.3	-170193.3
-33.01			5943	-123532.4	-118642.8	-35308.5	-64296.5	-141582.6
-44.43			5908	-146265.7	-108886.6	-42176.8	-65862.3	-150232.7
-28.90			5907	-260413.5	-232113.2	-31670.4	-174730.9	-261212.7
-11.87			5942	-72555.9	-190148.2	-26747.3	-67144.0	-195871.5

NODE Vxx Vyy

Max	Cent	121.3	192.8
	5943	75.9	186.1
	5908	75.9	225.8
	5907	211.8	225.8
	5942	211.8	186.1
Min	Cent	-22.8	0.2
	5943	-53.1	-8.5
	5908	-53.1	5.8
	5907	-18.7	5.8
	5942	-18.7	-8.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5789	1	16	c mob-a	Max	Cent	902.2	10.3	11.1	902.3	10.2
0.71					5979	849.7	43.6	11.1	849.8	43.4
0.79					5943	849.7	9.4	11.1	849.8	9.3
0.75					5942	954.9	9.4	11.1	955.0	9.3
0.67					5978	954.9	43.6	11.1	955.0	43.4
0.70				Min	Cent	-30.0	-25.9	-420.0	392.0	-447.9
-45.14					5979	-19.5	-7.4	-420.0	406.5	-433.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.41			5943	-19.5	-83.8	-420.0	369.5	-472.8
-42.81			5942	-40.8	-83.8	-420.0	358.2	-482.8
-43.54			5978	-40.8	-7.4	-420.0	396.2	-444.4
-46.14								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1477.0	4272.9	23686.1	26602.2	-20852.3
46.69			5979	15096.5	2622.4	29456.7	38969.2	-21250.4
39.02			5943	14201.7	4196.6	29827.3	39443.0	-21044.7
40.24			5942	7335.6	7807.1	22883.1	30455.7	-15313.0
45.30			5978	4787.8	4415.2	20604.4	25206.7	-16003.7
44.74		Min	Cent	-28282.1	-104680.8	-22357.4	-22220.3	-110742.5
-15.17			5979	-28147.8	-78294.1	-27530.6	-15983.9	-90458.1
-23.84			5943	-35873.4	-79794.5	-30692.5	-20094.1	-95573.8
-27.21			5942	-57330.7	-135733.3	-21880.7	-51637.6	-141426.4
-14.58			5978	-31772.6	-130750.5	-20173.3	-27818.9	-134704.2
-11.09								

			NODE	Vxx	Vyy
	Max	Cent		47.0	95.5
			5979	36.3	96.2
			5943	36.3	98.1
			5942	60.0	98.1
			5978	60.0	96.2
	Min	Cent		-26.9	-6.2
			5979	-23.9	-2.7
			5943	-23.9	-10.7
			5942	-31.4	-10.7
			5978	-31.4	-2.7

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	--	----	------	-----	-----	-----	------	------

		c mob-b	Max	Cent	864.3	9.5	8.7	864.4	9.4
0.58				5979	815.8	40.4	8.7	815.9	40.3
0.64				5943	815.8	10.3	8.7	815.9	10.2
0.62				5942	912.9	10.3	8.7	913.0	10.2
0.55				5978	912.9	40.4	8.7	913.0	40.3
0.57			Min	Cent	-25.7	-24.8	-402.8	377.6	-428.1
-45.03				5979	-17.0	-6.6	-402.8	391.0	-414.7
-45.37				5943	-17.0	-81.3	-402.8	354.9	-453.3
-42.72				5942	-34.5	-81.3	-402.8	345.6	-461.4
-43.33									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-53.21          Cent    -1005.7   -318.3   -1166.1    553.7   -1877.6
-46.42          5979     11.2     141.3   -1314.7   1392.6   -1240.1
-58.70          5943   -2088.0   -776.9   -1264.5    -8.2   -2856.8
-71.02          5942   -5641.7  -1885.2  -1464.8  -1381.6  -6145.4
-25.53          5978    3695.8   1247.7  -1515.0   4419.5    524.1
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      5.5      0.0
          5979      2.0     -0.7
          5943      2.0      0.8
          5942      9.0      0.8
          5978      9.0     -0.7
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent      596.8    -10.6    -271.8    700.6    -114.4
-20.91          5979     562.8     28.3    -271.8    676.7     -85.6
-22.74          5943     562.8    -49.5    -271.8    666.0    -152.8
-20.80          5942     630.7    -49.5    -271.8    725.9    -144.8
-19.31          5978     630.7     28.3    -271.8    735.2     -76.1
-21.03
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent    -12052.1  -7314.9   3220.8  -5685.5  -13681.5
63.17          5979    -7589.2  -4645.3   2982.1  -2791.6  -9442.8
58.14          5943   -15579.4  -6344.7   2823.3  -5550.0  -16374.1
74.28          5942   -21319.8 -10612.2   2876.0  -9888.6  -22043.4
75.88          5978   -3720.0  -7657.4   3034.7  -2071.3  -9306.1
28.51
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      12.7     6.5
          5979       7.9     7.1
          5943       7.9     5.9
          5942      17.5     5.9
          5978      17.5     7.1
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1 Max Cent      1915.9     3.3    -256.8   1970.1    -32.4
-9.40          5979     1819.0    90.5    -256.8   1879.0     47.5
-10.38          5943     1819.0   -35.6    -256.8   1874.4    -72.6
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-9.59			5942	2013.0	-35.6	-256.8	2063.5	-68.8
-8.76			5978	2013.0	90.5	-256.8	2067.3	51.9
-9.41		Min	Cent	556.3	-57.9	-909.5	1146.4	-677.5
-35.13			5979	536.5	18.3	-909.5	1155.2	-627.9
-36.42			5943	536.5	-190.7	-909.5	1095.6	-773.6
-33.69			5942	575.6	-190.7	-909.5	1122.8	-766.9
-33.12			5978	575.6	18.3	-909.5	1180.8	-620.1
-35.81								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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47.40		Max	Cent	-7466.4	-1546.5	35197.0	30814.7	-39359.3
36.33			5979	35264.1	8706.8	42748.7	66692.1	-21524.3
38.64			5943	28571.1	9108.7	43090.1	63015.1	-25335.4
49.77			5942	-11416.8	-72.6	33768.2	28496.5	-39985.9
41.65			5978	6439.4	-449.1	30850.6	32532.2	-26542.0
-14.96		Min	Cent	-51238.5	-148952.2	-28127.7	-43720.2	-156470.6
-23.28			5979	-45588.7	-110342.4	-35499.0	-30882.4	-125891.7
-29.37			5943	-66439.9	-114844.3	-39876.1	-43996.1	-137288.1
-15.81			5942	-104357.9	-195737.4	-28127.8	-96393.9	-203701.4
-9.69			5978	-46613.0	-184170.5	-25714.2	-42480.1	-188303.5

			NODE	Vxx	Vyy
	Max	Cent	81.5	177.7	
		5979	78.7	190.3	
		5943	78.7	186.1	
		5942	107.4	186.1	
		5978	107.4	190.3	
	Min	Cent	-31.9	-1.9	
		5979	-49.7	2.5	
		5943	-49.7	-8.5	
		5942	-24.9	-8.5	
		5978	-24.9	2.5	

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-20.98	INV TO~2	Max	Cent	3239.5	3.3	-256.8	3810.6	-32.4
-22.83			5979	3056.0	143.7	-256.8	3683.0	47.5
-20.82			5943	3056.0	-35.6	-256.8	3622.6	-72.6
-19.36			5942	3423.0	-35.6	-256.8	3946.3	-68.8
-21.13			5978	3423.0	143.7	-256.8	3998.7	51.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-35.13	Min	Cent	556.3	-75.3	-1489.7	1146.4	-677.5
-36.42		5979	536.5	18.3	-1489.7	1155.2	-627.9
-33.69		5943	536.5	-294.4	-1489.7	1095.6	-861.0
-33.12		5942	575.6	-294.4	-1489.7	1122.8	-817.7
-35.81		5978	575.6	18.3	-1489.7	1180.8	-620.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

47.40	Max	Cent	-7466.4	-1546.5	35197.0	30814.7	-39359.3
36.33		5979	35264.1	8706.8	42748.7	66692.1	-21524.3
38.64		5943	28571.1	9108.7	43090.1	63015.1	-25335.4
49.77		5942	-11416.8	-72.6	33768.2	28496.5	-39985.9
41.65		5978	6439.4	-449.1	30850.6	32532.2	-26542.0
-14.96	Min	Cent	-62940.7	-148952.2	-28127.7	-43720.2	-156470.6
-23.28		5979	-45588.7	-110342.4	-35499.0	-30882.4	-125891.7
-29.37		5943	-83884.7	-114844.3	-39876.1	-43996.1	-137288.1
-15.81		5942	-113320.1	-195737.4	-28127.8	-96393.9	-203701.4
-9.69		5978	-46613.0	-184170.5	-25714.2	-42480.1	-188303.5

		NODE	Vxx	Vyy
Max	Cent	81.5	177.7	
	5979	78.7	190.3	
	5943	78.7	186.1	
	5942	107.4	186.1	
	5978	107.4	190.3	
Min	Cent	-31.9	-1.9	
	5979	-49.7	2.5	
	5943	-49.7	-8.5	
	5942	-24.9	-8.5	
	5978	-24.9	2.5	

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5874	1	18	c mob-a	Max	Cent	806.5	8.3	6.0	806.5	8.2
	0.43				5944	747.9	9.4	6.0	747.9	9.4
	0.47				5909	747.9	10.0	6.0	747.9	9.9
	0.47				5908	865.1	10.0	6.0	865.1	9.9
	0.40				5943	865.1	9.4	6.0	865.1	9.4
	0.40			Min	Cent	-9.0	-55.6	-218.8	187.7	-252.3
	-41.96				5944	-8.7	-17.1	-218.8	205.9	-231.7
	-44.45				5909	-8.7	-96.7	-218.8	170.5	-275.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-39.32			5908	-9.4	-96.7	-218.8	170.1	-276.1
-39.36			5943	-9.4	-17.1	-218.8	205.6	-232.1
-44.49								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	3483.4	2609.0	20270.2	23321.1	-17228.7
44.38			5944	23016.9	2228.4	23335.9	38168.8	-12923.5
33.00			5909	21001.9	2161.2	20452.0	34098.8	-10935.7
32.63			5908	1973.1	3917.7	16126.0	19100.7	-13209.9
46.73			5943	1358.6	3041.3	18662.7	20881.6	-16481.7
46.29		Min	Cent	-24974.0	-59153.9	-18899.9	-16583.1	-67544.8
-23.94			5944	-24869.3	-34670.5	-18958.3	-10188.5	-49351.3
-37.75			5909	-29446.8	-33528.7	-22044.8	-9348.7	-53626.8
-42.36			5908	-29012.4	-86765.7	-17025.5	-24367.0	-91411.1
-15.26			5943	-23796.0	-86657.8	-15457.2	-20200.8	-90253.0
-13.09								

			NODE	Vxx	Vyy
	Max	Cent	5908	29.0	102.4
			5944	41.1	102.2
			5909	41.1	105.5
			5908	17.3	105.5
			5943	17.3	102.2
	Min	Cent	5908	-22.6	-3.9
			5944	-34.1	-3.5
			5909	-34.1	-4.8
			5908	-11.2	-4.8
			5943	-11.2	-3.5

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

		c mob-b	Max	Cent	775.0	10.4	4.4	775.0	10.4
0.33				5944	719.3	10.5	4.4	719.3	10.5
0.36				5909	719.3	11.1	4.4	719.3	11.1
0.36				5908	830.7	11.1	4.4	830.8	11.1
0.31				5943	830.7	10.5	4.4	830.8	10.5
0.31			Min	Cent	-7.7	-54.0	-209.3	179.8	-241.4
-41.84				5944	-7.2	-16.6	-209.3	197.5	-221.3
-44.35				5909	-7.2	-93.3	-209.3	163.5	-263.9
-39.19				5908	-8.5	-93.3	-209.3	162.7	-264.5
-39.27				5943	-8.5	-16.6	-209.3	196.8	-221.9
-44.44									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	8981.9	2738.1	8026.4	14472.2	-2752.2
34.37		5944	22327.6	13949.0	7816.5	27006.7	9270.0
30.91		5909	20323.1	13945.7	6670.7	24528.0	9740.8
32.23		5908	13439.8	3326.0	7736.7	17625.7	-859.8
28.42		5943	14238.6	2512.9	9187.0	19274.1	-2522.6
28.73	Min	Cent	-17604.6	-9759.1	-6910.8	-5735.3	-21628.4
-59.79		5944	-18981.6	-6870.1	-6565.3	-3994.2	-21857.6
-66.34		5909	-23311.3	-6648.2	-6726.4	-4271.9	-25687.7
-70.54		5908	-24269.2	-17060.2	-7702.7	-12160.3	-29169.1
-57.54		5943	-20736.5	-17115.8	-6511.9	-12167.3	-25685.0
-52.77							

		NODE	Vxx	Vyy
	Max	Cent	29.1	41.7
		5944	32.7	42.5
		5909	32.7	43.2
		5908	25.9	43.2
		5943	25.9	42.5
	Min	Cent	-24.1	-3.1
		5944	-27.0	-2.7
		5909	-27.0	-3.8
		5908	-21.4	-3.8
		5943	-21.4	-2.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		-----	-----	-----	-----	-----	-----
	pp	Cent	2147.5	-141.3	-562.8	2278.4	-272.2
-13.09		5944	1987.2	-27.1	-562.8	2133.8	-173.7
-14.60		5909	1987.2	-255.5	-562.8	2120.5	-388.8
-13.33		5908	2307.7	-255.5	-562.8	2425.8	-373.6
-11.85		5943	2307.7	-27.1	-562.8	2436.3	-155.7
-12.87							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
		Cent	-41520.5	-17327.8	4922.6	-16364.5	-42483.8
78.93		5944	-32309.3	-12049.7	5788.3	-10512.6	-33846.4
75.13		5909	-45354.9	-10298.9	3477.7	-9957.3	-45696.6
84.39		5908	-49181.1	-23152.7	4245.0	-22477.8	-49855.9
80.97		5943	-39236.8	-23809.9	6555.6	-21400.5	-41646.3
69.82							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	13.0	23.7
5944	14.9	21.9
5909	14.9	25.5
5908	11.2	25.5
5943	11.2	21.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.66	vento -y	Cent	19.9	-6.3	-6.8	21.5	-8.0
-14.23		5944	20.9	-4.0	-6.8	22.7	-5.7
-12.31		5909	20.9	-8.6	-6.8	22.4	-10.1
-13.14		5908	18.8	-8.6	-6.8	20.4	-10.2
-15.31		5943	18.8	-4.0	-6.8	20.7	-5.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-50.99	Cent	-220.4	-178.0	-99.9	-97.0	-301.3
-46.63	5944	-99.8	-88.9	-95.9	1.7	-190.4
-67.17	5909	-316.8	-133.5	-93.8	-94.0	-356.3
-48.37	5908	-330.3	-305.9	-103.1	-214.3	-421.9
-38.43	5943	-134.6	-183.7	-105.1	-51.2	-267.1

NODE	Vxx	Vyy
Cent	0.2	0.3
5944	0.2	0.2
5909	0.2	0.4
5908	0.2	0.4
5943	0.2	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-12.05	cedime~1	Cent	115.6	-23.9	-31.2	122.2	-30.6
-12.95		5944	114.7	-13.8	-31.2	121.9	-20.9
-11.38		5909	114.7	-34.0	-31.2	121.0	-40.3
-11.27		5908	116.4	-34.0	-31.2	122.6	-40.2
-12.81		5943	116.4	-13.8	-31.2	123.5	-20.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-1601.2	-579.6	-278.3	-508.7	-1672.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-75.71							
		5944	-1041.8	-289.1	-236.9	-220.7	-1110.2
-73.90							
		5909	-1982.9	-367.1	-298.1	-313.9	-2036.2
-79.87							
		5908	-1929.2	-902.1	-291.1	-825.3	-2006.0
-75.23							
		5943	-1451.0	-760.2	-229.9	-690.7	-1520.6
-73.17							

NODE	Vxx	Vyy
Cent	0.8	1.0
5944	1.0	0.8
5909	1.0	1.2
5908	0.5	1.2
5943	0.5	0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	534.5	-31.8	-139.8	567.2	-64.4
-13.14							
		5944	494.0	-3.5	-139.8	530.6	-40.2
-14.67							
		5909	494.0	-60.0	-139.8	527.3	-93.3
-13.39							
		5908	575.0	-60.0	-139.8	604.4	-89.4
-11.89							
		5943	575.0	-3.5	-139.8	607.0	-35.6
-12.90							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-10332.6	-4626.2	1202.0	-4383.3	-10575.5
78.58						
	5944	-7952.6	-2880.7	1434.3	-2503.2	-8330.1
75.25						
	5909	-11167.1	-2431.6	834.0	-2352.7	-11246.0
84.60						
	5908	-12146.9	-6409.9	1040.0	-6227.2	-12329.6
80.04						
	5943	-10063.7	-6782.5	1640.3	-6103.1	-10743.1
67.50						

NODE	Vxx	Vyy
Cent	3.0	7.7
5944	3.7	7.4
5909	3.7	8.0
5908	2.4	8.0
5943	2.4	7.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	1738.8	-17.7	-131.7	1753.6	-28.2
-5.19							
		5944	1618.4	10.6	-131.7	1634.6	-0.9
-5.68							
		5909	1618.4	-44.9	-131.7	1633.9	-56.1
-5.43							
		5908	1859.2	-44.9	-131.7	1872.8	-54.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.77			5943	1859.2	10.6	-131.7	1873.3	0.6
-4.96		Min	Cent	522.4	-130.7	-466.4	744.8	-350.8
-27.07			5944	482.3	-40.5	-466.4	731.9	-286.6
-29.84			5909	482.3	-224.5	-466.4	695.9	-435.3
-26.15			5908	562.3	-224.5	-466.4	761.3	-422.1
-24.57			5943	562.3	-40.5	-466.4	793.3	-269.8
-27.96								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1793.0	-929.8	28566.8	29030.8	-28167.6
43.64			5944	23120.2	15950.5	32937.8	52667.7	-13597.0
41.89			5909	17185.5	16395.1	28444.1	45237.1	-11656.5
44.60			5908	5996.8	-1121.0	22810.2	25524.0	-20648.2
40.57			5943	9158.4	-2676.6	26835.0	30720.6	-24238.8
38.78		Min	Cent	-45648.7	-85063.5	-24591.1	-33842.5	-96869.7
-25.65			5944	-42568.0	-49974.9	-24396.3	-21595.7	-70947.2
-40.68			5909	-52903.2	-48062.5	-29224.5	-21158.3	-79807.5
-47.37			5908	-53242.9	-124445.6	-22235.5	-46869.6	-130819.0
-15.99			5943	-43639.3	-124530.8	-19456.9	-39202.7	-128967.4
-12.85								

			NODE	Vxx	Vyy
	Max	Cent		43.0	146.9
			5944	60.2	146.2
			5909	60.2	151.5
			5908	37.8	151.5
			5943	37.8	146.2
	Min	Cent		-29.5	2.5
			5944	-42.4	2.6
			5909	-42.4	1.5
			5908	-26.5	1.5
			5943	-26.5	2.6

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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			INV TO~2	Max	Cent	2899.1	-17.7	-131.7	3075.8	-28.2
-13.09					5944	2682.8	10.6	-131.7	2880.6	-0.9
-14.60					5909	2682.8	-44.9	-131.7	2862.7	-56.1
-13.33					5908	3115.4	-44.9	-131.7	3274.9	-54.6
-11.85					5943	3115.4	10.6	-131.7	3289.0	0.6
-12.87										
		Min	Cent		522.4	-190.8	-759.7	744.8	-367.5	
-27.07										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-29.84		5944	482.3	-40.5	-759.7	731.9	-286.6
-26.15		5909	482.3	-344.9	-759.7	695.9	-524.9
-24.57		5908	562.3	-344.9	-759.7	761.3	-504.4
-27.96		5943	562.3	-40.5	-759.7	793.3	-269.8

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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43.64	Max	Cent	1793.0	-929.8	28566.8	29030.8	-28167.6
41.89		5944	23120.2	15950.5	32937.8	52667.7	-13597.0
44.60		5909	17185.5	16395.1	28444.1	45237.1	-11656.5
40.57		5908	5996.8	-1121.0	22810.2	25524.0	-20648.2
38.78		5943	9158.4	-2676.6	26835.0	30720.6	-24238.8
-25.65	Min	Cent	-56052.7	-85063.5	-24591.1	-33842.5	-96869.7
-40.68		5944	-43617.5	-49974.9	-24396.3	-21595.7	-70947.2
-47.37		5909	-61229.1	-48062.5	-29224.5	-21158.3	-79807.5
-15.99		5908	-66394.5	-124445.6	-22235.5	-46869.6	-130819.0
-12.85		5943	-52969.7	-124530.8	-19456.9	-39202.7	-128967.4

		NODE	Vxx	Vyy
Max	Cent		43.0	146.9
	5944		60.2	146.2
	5909		60.2	151.5
	5908		37.8	151.5
	5943		37.8	146.2
Min	Cent		-29.5	2.5
	5944		-42.4	2.6
	5909		-42.4	1.5
	5908		-26.5	1.5
	5943		-26.5	2.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5875	1	18	c mob-a	Max	Cent	599.1	6.1	8.4	599.2	6.0
0.81					5980	565.9	23.7	8.4	566.0	23.5
0.89					5944	565.9	7.2	8.4	566.0	7.0
0.86					5943	632.4	7.2	8.4	632.5	7.0
0.77					5979	632.4	23.7	8.4	632.5	23.6
0.79				Min	Cent	-11.9	-18.6	-257.5	242.2	-272.8
-44.63					5980	-9.5	-4.8	-257.5	250.4	-264.6
-45.26					5944	-9.5	-53.7	-257.5	226.8	-290.0
-42.55					5943	-14.9	-53.7	-257.5	223.9	-292.5

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.85
-45.56

5979 -14.9 -4.8 -257.5 247.7 -267.4

NODE Mxx Myy Mxy Mmax Mmin

Max Cent 4870.0 2035.3 19295.2 22799.9 -15894.6

42.90 5980 23106.7 1809.9 22428.9 37286.6 -12370.0

32.30 5944 22479.7 2061.3 19598.9 34369.0 -9828.1

31.24 5943 1688.4 3137.3 16322.8 18751.7 -13926.1

46.27 5979 1157.4 2218.7 17225.1 18921.3 -15545.2

45.88 Min Cent -17813.3 -58506.5 -18994.6 -10325.1 -65994.7

-21.52 5980 -17728.1 -34557.0 -19178.0 -5199.8 -47085.3

-33.16 5944 -24385.8 -34644.1 -22046.3 -6879.9 -52150.0

-38.45 5943 -20733.4 -86054.3 -16958.2 -16593.3 -90194.5

-13.72 5979 -15821.7 -84911.4 -15692.4 -12424.5 -88308.6

-12.22

NODE Vxx Vyy

Max Cent 28.8 99.3

5980 40.1 99.1

5944 40.1 102.2

5943 17.8 102.2

5979 17.8 99.1

Min Cent -22.1 -2.4

5980 -32.7 -2.0

5944 -32.7 -3.5

5943 -11.7 -3.5

5979 -11.7 -2.0

LC NODE Fxx Fyy Fxy Fmax Fmin

c mob-b Max Cent 576.0 5.5 5.6 576.0 5.5

0.56 5980 544.8 21.4 5.6 544.9 21.4

0.61 5944 544.8 8.3 5.6 544.9 8.2

0.60 5943 607.2 8.3 5.6 607.2 8.2

0.54 5979 607.2 21.4 5.6 607.2 21.4

0.55 Min Cent -10.2 -18.5 -246.9 232.5 -261.3

-44.52 5980 -8.0 -4.0 -246.9 240.9 -252.8

-45.23 5944 -8.0 -51.8 -246.9 218.0 -277.7

-42.47 5943 -12.9 -51.8 -246.9 215.3 -280.0

-42.75 5979 -12.9 -4.0 -246.9 238.5 -255.4

-45.52

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE		Max	Cent	9324.8	2177.1	7886.7	14409.7	-2907.8
32.81			5980	21603.4	13498.8	7597.7	26161.9	8940.3
30.96			5944	21795.9	13852.4	7714.0	26500.5	9147.7
31.38			5943	14324.0	2603.2	7767.2	18193.6	-1266.5
26.48			5979	13831.8	1830.8	8494.0	18231.0	-2568.4
27.38		Min	Cent	-11380.3	-9531.4	-6750.6	-3642.2	-17269.4
-48.90			5980	-13187.6	-6320.7	-6653.5	-2266.9	-17241.3
-58.65			5944	-19361.2	-6965.7	-6519.5	-4168.2	-22158.7
-66.78			5943	-18121.8	-17177.5	-7369.3	-10265.3	-25034.0
-46.83			5979	-13467.2	-15450.0	-6400.3	-7982.0	-20935.2
-40.60								

	NODE	Vxx	Vyy
Max	Cent	28.5	40.8
	5980	32.3	40.9
	5944	32.3	42.5
	5943	24.9	42.5
	5979	24.9	40.9
Min	Cent	-23.6	-2.1
	5980	-26.4	-2.7
	5944	-26.4	-2.7
	5943	-20.8	-2.7
	5979	-20.8	-2.7

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.61	pp	Cent	1596.2	-42.2	-668.4	1834.3	-280.3
-21.29		5980	1508.0	53.0	-668.4	1768.5	-207.5
-19.55		5944	1508.0	-137.4	-668.4	1745.3	-374.7
-18.14		5943	1684.5	-137.4	-668.4	1903.4	-356.3
-19.67		5979	1684.5	53.0	-668.4	1923.4	-185.9

ANGLE

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
60.86	Cent	-20599.5	-13679.2	5597.8	-10558.4	-23720.3
48.49	5980	-9029.1	-7661.6	5591.6	-2712.1	-13978.6
73.35	5944	-31651.8	-11918.2	6479.7	-9980.7	-33589.3
60.96	5943	-29273.3	-21817.2	5986.5	-18492.9	-32597.7
42.55	5979	-12443.8	-13319.7	5098.4	-7764.6	-17998.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      19.0      16.2
          5980      22.4      10.5
          5944      22.4      21.9
          5943      15.6      21.9
          5979      15.6      10.5
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-26.62	vento -y	Cent	14.0	-2.4	-11.0	19.5	-7.9
-27.80		5980	15.5	0.5	-11.0	21.3	-5.3
-23.32		5944	15.5	-5.2	-11.0	20.2	-9.9
-25.51		5943	12.5	-5.2	-11.0	17.7	-10.4
-30.61		5979	12.5	0.5	-11.0	19.0	-6.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-39.84	Cent	7.3	-43.6	-139.8	124.0	-160.3
-31.69	5980	164.3	29.5	-134.4	247.3	-53.5
-53.59	5944	-172.9	-103.5	-112.3	-20.7	-255.7
-37.86	5943	-107.0	-178.2	-139.7	1.6	-286.8
-39.14	5979	145.0	77.8	-161.9	276.8	-54.0

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-----
          NODE      Vxx      Vyy
          Cent      0.3      0.0
          5980      0.3     -0.1
          5944      0.3      0.2
          5943      0.2      0.2
          5979      0.2     -0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-22.60	cedime~1	Cent	84.0	-9.8	-47.2	103.7	-29.5
-23.77		5980	86.9	0.5	-47.2	107.7	-20.3
-20.72		5944	86.9	-20.1	-47.2	104.8	-37.9
-21.52		5943	81.1	-20.1	-47.2	99.7	-38.7
-24.77		5979	81.1	0.5	-47.2	102.9	-21.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-58.03	Cent	-475.1	-170.6	-311.4	23.7	-669.4
	5980	294.2	124.6	-288.6	510.2	-91.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-36.81			5944	-1297.5	-340.2	-221.5	-291.4	-1346.3
-77.58			5943	-1004.0	-670.8	-302.6	-492.0	-1182.8
-59.42			5979	107.1	203.9	-369.6	528.3	-217.3
-48.73								

NODE	Vxx	Vyy
Cent	1.3	0.3
5980	1.5	-0.2
5944	1.5	0.8
5943	1.0	0.8
5979	1.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.40	perm	Cent	396.7	-8.9	-163.1	454.1	-66.4
-21.03		5980	374.7	13.2	-163.1	437.4	-49.4
-19.39		5944	374.7	-31.1	-163.1	432.1	-88.5
-17.97		5943	418.6	-31.1	-163.1	471.5	-84.0
-19.41		5979	418.6	13.2	-163.1	476.1	-44.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
57.28	Cent	-5197.5	-3833.0	1492.9	-2873.8	-6156.7
48.14	5980	-2238.3	-1909.6	1494.4	-570.6	-3577.4
72.89	5944	-7794.2	-2849.0	1681.8	-2331.2	-8311.9
55.24	5943	-7442.4	-6258.2	1585.9	-5157.4	-8543.1
35.16	5979	-3315.1	-4315.2	1398.5	-2330.0	-5300.4

NODE	Vxx	Vyy
Cent	4.7	6.0
5980	5.5	4.6
5944	5.5	7.4
5943	3.8	7.4
5979	3.8	4.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.51	INV TO~1 Max	Cent	1289.5	-0.6	-151.7	1319.2	-19.4
-9.32		5980	1225.6	45.7	-151.7	1258.2	24.6
-8.73		5944	1225.6	-20.0	-151.7	1256.1	-39.5
-7.97		5943	1353.5	-20.0	-151.7	1381.3	-37.5
		5979	1353.5	45.7	-151.7	1383.1	26.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.46								
	Min	Cent	380.5	-43.9	-557.9	724.4	-402.7	
-33.95			5980	361.9	6.8	-557.9	725.0	-372.0
-35.41			5944	361.9	-123.7	-557.9	690.4	-464.5
-32.75			5943	398.5	-123.7	-557.9	716.5	-456.3
-31.91			5979	398.5	6.8	-557.9	749.6	-362.4
-34.51								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	7391.0	-893.9	27541.5	31099.9	-24595.3
40.72			5980	29249.8	16438.4	31773.5	55030.8
39.37			5944	22553.4	15851.7	28140.4	47541.7
41.60			5943	11895.0	-2022.9	23621.8	29561.5
36.79			5979	15464.9	-1116.1	24652.3	33043.4
35.66							
	Min	Cent	-29720.5	-82987.4	-24461.1	-20192.0	-92515.9
-21.28			5980	-26171.3	-48561.6	-24684.4	-10524.5
-32.67			5944	-42012.5	-49958.7	-28302.2	-17405.9
-41.00			5943	-36436.5	-123102.4	-21610.2	-31346.9
-13.25			5979	-24674.4	-118945.7	-20155.9	-20689.9
-11.39							

		NODE	Vxx	Vyy
	Max	Cent	44.9	140.4
		5980	61.2	138.4
		5944	61.2	146.2
		5943	38.5	146.2
		5979	38.5	138.4
	Min	Cent	-27.1	2.7
		5980	-38.6	0.8
		5944	-38.6	2.6
		5943	-24.3	2.6
		5979	-24.3	0.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	2154.9	-0.6	-151.7	2476.4	-19.4
-19.61			5980	2035.8	71.5	-151.7	2387.4	24.6
-21.29			5944	2035.8	-20.0	-151.7	2356.2	-39.5
-19.55			5943	2274.0	-20.0	-151.7	2569.6	-37.5
-18.14			5979	2274.0	71.5	-151.7	2596.5	26.7
-19.67								
		Min	Cent	380.5	-57.0	-902.4	724.4	-402.7
-33.95			5980	361.9	6.8	-902.4	725.0	-372.0
-35.41								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-32.75	5944	361.9	-185.5	-902.4	690.4	-505.9
-31.91	5943	398.5	-185.5	-902.4	716.5	-481.1
-34.51	5979	398.5	6.8	-902.4	749.6	-362.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.72	Max	Cent	7391.0	-893.9	27541.5	31099.9	-24595.3
39.37			5980	29249.8	16438.4	31773.5	-9285.8
41.60			5944	22553.4	15851.7	28140.4	-9136.6
36.79			5943	11895.0	-2022.9	23621.8	-19689.4
35.66			5979	15464.9	-1116.1	24652.3	-18484.6
-21.28	Min	Cent	-29720.5	-82987.4	-24461.1	-20192.0	-92515.9
-32.67			5980	-26171.3	-48561.6	-24684.4	-64296.7
-41.00			5944	-42730.0	-49958.7	-28302.2	-17405.9
-13.25			5943	-39519.0	-123102.4	-21610.2	-31346.9
-11.39			5979	-24674.4	-118945.7	-20155.9	-20689.9

	NODE	Vxx	Vyy
Max	Cent	44.9	140.4
	5980	61.2	138.4
	5944	61.2	146.2
	5943	38.5	146.2
	5979	38.5	138.4
Min	Cent	-27.1	2.7
	5980	-38.6	0.8
	5944	-38.6	2.6
	5943	-24.3	2.6
	5979	-24.3	0.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5960	1	1	c mob-a	Max	Cent	573.0	5.0	4.2	573.0
0.43					5945	534.7	5.8	4.2	534.7
0.46					5910	534.7	5.3	4.2	534.7
0.46					5909	611.4	5.3	4.2	611.4
0.40					5944	611.4	5.8	4.2	611.4
0.40				Min	Cent	-7.5	-26.3	-139.6	123.0
-43.07					5945	-7.7	-8.0	-139.6	131.7
-44.97					5910	-7.7	-46.5	-139.6	113.8
-41.05					5909	-7.3	-46.5	-139.6	114.1
-41.00					5944	-7.3	-8.0	-139.6	132.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.93

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	13089.9	1317.6	14577.4	22924.7	-8517.2
34.01		5945	37489.1	31176.7	14163.3	48843.7	19822.2
38.72		5910	34234.6	29423.3	12176.9	44241.3	19416.7
39.41		5909	8991.6	1788.2	12770.7	18658.9	-7879.0
37.13		5944	9977.9	1906.1	14897.9	21376.9	-9492.8
37.42	Min	Cent	-15911.9	-16091.3	-14205.0	-1796.3	-30206.9
-44.82		5945	-21302.7	-11064.6	-11667.1	-3443.0	-28924.3
-56.84		5910	-22969.1	-12502.4	-13870.3	-2911.0	-32560.5
-55.34		5909	-18710.4	-39806.6	-14527.5	-11305.5	-47211.5
-27.01		5944	-15686.8	-40759.6	-12339.8	-10632.6	-45813.9
-22.27							

		NODE	Vxx	Vyy
Max	Cent		35.0	111.9
		5945	46.9	123.0
		5910	46.9	119.2
		5909	24.2	119.2
		5944	24.2	123.0
Min	Cent		-31.5	-2.2
		5945	-43.1	-2.6
		5910	-43.1	-3.1
		5909	-20.1	-3.1
		5944	-20.1	-2.6

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	551.6	6.1	2.6	551.6	6.1
0.27			5945	515.3	6.2	2.6	515.3	6.2
0.29			5910	515.3	6.5	2.6	515.3	6.4
0.29			5909	588.0	6.5	2.6	588.0	6.4
0.25			5944	588.0	6.2	2.6	588.0	6.2
0.25		Min	Cent	-5.8	-25.6	-133.3	118.0	-149.4
-42.88			5945	-5.7	-7.8	-133.3	126.6	-140.1
-44.77			5910	-5.7	-44.9	-133.3	109.5	-160.1
-40.82			5909	-6.0	-44.9	-133.3	109.3	-160.2
-40.85			5944	-6.0	-7.8	-133.3	126.4	-140.3
-44.81								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.16	Max	Cent	7420.9	6797.9	3136.0	10260.8	3958.0	
27.89			5945	8274.7	4119.5	3053.6	9890.5	2503.8
29.16			5910	7860.2	4331.7	2858.1	9454.8	2737.1
45.29			5909	12509.7	12571.0	2994.2	15534.7	9546.0
41.11			5944	13717.4	12852.9	3167.2	16481.7	10088.6
-66.28	Min	Cent	-9328.0	-3781.8	-3019.6	-2455.2	-10654.7	
-67.49			5945	-8352.7	-2725.3	-2815.4	-1558.6	-9519.4
-70.28			5910	-9720.4	-2492.8	-2972.3	-1427.4	-10785.7
-68.50			5909	-13829.0	-6939.6	-3211.9	-5674.5	-15094.1
-65.62			5944	-11126.8	-6033.1	-2905.5	-4716.3	-12443.7

		NODE	Vxx	Vyy
Max	Cent		14.6	8.8
		5945	10.9	11.0
		5910	10.9	11.8
		5909	19.3	11.8
		5944	19.3	11.0
Min	Cent		-12.4	-12.5
		5945	-9.4	-20.0
		5910	-9.4	-18.9
		5909	-15.9	-18.9
		5944	-15.9	-20.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

-12.06	pp	Cent		1520.0	-64.3	-354.6	1595.8	-140.0
-13.24			5945	1415.3	-8.0	-354.6	1498.7	-91.5
-12.39			5910	1415.3	-120.5	-354.6	1493.2	-198.5
-11.06			5909	1624.7	-120.5	-354.6	1694.0	-189.8
-11.74			5944	1624.7	-8.0	-354.6	1698.4	-81.7

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

80.40			Cent	-20601.5	-8636.3	2083.1	-8284.0	-20953.8
79.07			5945	-17203.9	-5068.3	2433.5	-4598.5	-17673.6
85.62			5910	-20974.9	-4639.0	1258.4	-4542.7	-21071.2
83.77			5909	-26150.4	-12905.6	1462.1	-12746.2	-26309.8
69.68			5944	-18077.0	-11932.1	2637.2	-10955.6	-19053.6

		NODE	Vxx	Vyy
		Cent	6.5	14.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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5945      4.3      13.9
5910      4.3      15.0
5909      8.8      15.0
5944      8.8      13.9
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-11.58	vento -y	Cent	18.3	-3.4	-4.6	19.3	-4.4
-11.67		5945	19.3	-2.3	-4.6	20.2	-3.2
-10.66		5910	19.3	-4.5	-4.6	20.1	-5.4
-11.50		5909	17.4	-4.5	-4.6	18.3	-5.5
-12.67		5944	17.4	-2.3	-4.6	18.4	-3.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-56.05	Cent	-114.7	-78.3	-44.9	-48.1	-145.0
-54.16	5945	-64.4	-35.4	-43.8	-3.8	-96.1
-68.11	5910	-150.7	-56.9	-44.9	-38.9	-168.8
-58.22	5909	-189.1	-140.3	-49.1	-109.8	-219.5
-37.45	5944	-54.7	-80.6	-48.0	-18.0	-117.3

```

NODE      Vxx      Vyy
Cent      0.1      0.1
5945      0.1      0.1
5910      0.1      0.2
5909      0.1      0.2
5944      0.1      0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.09	cedime~1	Cent	94.9	-12.6	-19.8	98.4	-16.1
-10.49		5945	95.2	-7.8	-19.8	98.8	-11.5
-9.67		5910	95.2	-17.4	-19.8	98.5	-20.8
-9.71		5909	94.6	-17.4	-19.8	98.0	-20.8
-10.55		5944	94.6	-7.8	-19.8	98.3	-11.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-76.25	Cent	-796.1	-241.0	-144.5	-205.6	-831.4
-75.99	5945	-568.1	-87.2	-128.0	-55.2	-600.0
	5910	-917.0	-140.6	-171.7	-104.4	-953.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-78.07			5909	-1138.5	-451.7	-175.7	-409.4	-1180.8
-76.45			5944	-560.7	-284.3	-131.9	-231.5	-613.6
-68.16								

NODE	Vxx	Vyy
Cent	0.5	0.5
5945	0.4	0.4
5910	0.4	0.6
5909	0.6	0.6
5944	0.6	0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-12.03	perm	Cent	377.2	-14.2	-87.4	395.8	-32.8
-13.24		5945	350.7	-0.3	-87.4	371.2	-20.9
-12.39		5910	350.7	-28.0	-87.4	369.9	-47.2
-11.02		5909	403.7	-28.0	-87.4	420.7	-45.0
-11.70		5944	403.7	-0.3	-87.4	421.8	-18.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
81.27	Cent	-5009.2	-1841.9	498.2	-1765.4	-5085.7
80.27	5945	-4117.2	-753.4	594.3	-651.5	-4219.2
86.37	5910	-5038.5	-637.2	280.2	-619.4	-5056.3
84.33	5909	-6432.6	-3090.5	335.3	-3057.2	-6465.9
70.13	5944	-4448.3	-2886.4	649.4	-2651.7	-4683.0

NODE	Vxx	Vyy
Cent	1.6	4.4
5945	1.0	4.3
5910	1.0	4.5
5909	2.2	4.5
5944	2.2	4.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-4.56	INV TO~1 Max	Cent	1245.6	-5.9	-81.7	1253.7	-11.7
-4.93		5945	1167.6	8.1	-81.7	1176.4	1.8
-4.78		5910	1167.6	-19.3	-81.7	1176.1	-25.3
-4.24		5909	1323.7	-19.3	-81.7	1331.2	-24.6
-4.36		5944	1323.7	8.1	-81.7	1331.4	2.6
	Min	Cent	367.1	-62.3	-295.6	504.5	-195.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-26.47			5945	340.2	-18.9	-295.6	491.6	-164.6
-28.76			5910	340.2	-108.2	-295.6	474.8	-238.0
-26.00			5909	393.9	-108.2	-295.6	518.7	-229.8
-24.35			5944	393.9	-18.9	-295.6	533.6	-154.8
-26.86								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	12662.1	7335.2	20177.7	30351.4	-10354.1	
41.24					5945	46493.1	41335.2	19714.8	63796.9	24031.4
41.27					5910	41178.3	39084.3	16719.1	56883.1	23379.4
43.21					5909	10455.5	13880.4	17575.8	29827.0	-5491.1
47.78					5944	14070.2	14465.0	20761.5	35030.0	-6494.8
45.27			Min	Cent	-27286.3	-23806.1	-18823.1	-6642.8	-44449.6	
-47.64					5945	-33444.0	-15777.8	-15284.2	-6957.9	-42263.9
-60.01					5910	-36963.8	-17656.1	-18616.4	-6339.3	-48280.5
-58.70					5909	-32830.1	-57281.2	-19452.5	-22080.4	-68030.9
-28.93					5944	-26186.3	-58196.2	-16141.2	-19460.2	-64922.2
-22.62										

			NODE	Vxx	Vyy
		Max	Cent	49.4	155.9
			5945	64.7	170.7
			5910	64.7	165.9
			5909	35.4	165.9
			5944	35.4	170.7
		Min	Cent	-40.9	-12.5
			5945	-57.1	-22.7
			5910	-57.1	-21.1
			5909	-24.9	-21.1
			5944	-24.9	-22.7

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

			INV TO~2	Max	Cent	2052.0	-5.9	-81.7	2154.3	-11.7
-12.06					5945	1910.7	8.1	-81.7	2023.3	1.8
-13.24					5910	1910.7	-19.3	-81.7	2015.8	-25.3
-12.39					5909	2193.4	-19.3	-81.7	2286.9	-24.6
-11.06					5944	2193.4	8.1	-81.7	2292.8	2.6
-11.74			Min	Cent	367.1	-86.8	-478.7	504.5	-195.3	
-26.47					5945	340.2	-18.9	-478.7	491.6	-164.6
-28.76					5910	340.2	-162.7	-478.7	474.8	-267.9
-26.00										

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-24.35		5909	393.9	-162.7	-478.7	518.7	-256.3
-26.86		5944	393.9	-18.9	-478.7	533.6	-154.8

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	12662.1	7335.2	20177.7	30351.4	-10354.1
41.24			5945	46493.1	41335.2	19714.8	63796.9	24031.4
41.27			5910	41178.3	39084.3	16719.1	56883.1	23379.4
43.21			5909	10455.5	13880.4	17575.8	29827.0	-5491.1
47.78			5944	14070.2	14465.0	20761.5	35030.0	-6494.8
45.27		Min	Cent	-27812.1	-23806.1	-18823.1	-11183.4	-44449.6
80.40			5945	-33444.0	-15777.8	-15284.2	-6957.9	-42263.9
-60.01			5910	-36963.8	-17656.1	-18616.4	-6339.3	-48280.5
-58.70			5909	-35303.0	-57281.2	-19452.5	-22080.4	-68030.9
-28.93			5944	-26186.3	-58196.2	-16141.2	-19460.2	-64922.2
-22.62								

		NODE	Vxx	Vyy
	Max	Cent	49.4	155.9
		5945	64.7	170.7
		5910	64.7	165.9
		5909	35.4	165.9
		5944	35.4	170.7
	Min	Cent	-40.9	-12.5
		5945	-57.1	-22.7
		5910	-57.1	-21.1
		5909	-24.9	-21.1
		5944	-24.9	-22.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
5961	1	1	c mob-a	Max	Cent	435.3	3.2	6.8	435.4	3.1
	0.90				5981	410.3	13.6	6.8	410.4	13.5
	0.98				5945	410.3	4.6	6.8	410.4	4.5
	0.95				5944	460.4	4.6	6.8	460.5	4.5
	0.85				5980	460.4	13.6	6.8	460.5	13.5
	0.87			Min	Cent	-6.8	-11.3	-163.3	154.2	-172.4
-44.61					5981	-6.5	-2.6	-163.3	158.8	-167.9
-45.34					5945	-6.5	-31.5	-163.3	144.8	-182.8
-42.81					5944	-7.9	-31.5	-163.3	144.0	-183.4
-42.93					5980	-7.9	-2.6	-163.3	158.1	-168.6
-45.46										

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	13714.4	1243.9	14640.8	23392.4	-8434.0
33.47		5981	36809.3	30435.6	14192.6	48168.5	19076.4
38.67		5945	36934.9	31078.8	12044.7	46402.4	21611.4
38.17		5944	9561.8	1807.1	12611.0	18878.1	-7509.1
36.45		5980	9919.0	1589.3	14784.6	21114.2	-9605.9
37.13	Min	Cent	-12810.3	-16873.8	-14461.5	-238.5	-29445.6
-41.00		5981	-18485.4	-12404.2	-12260.9	-2812.5	-28077.2
-51.96		5945	-21262.6	-12258.3	-14055.3	-2001.7	-31519.3
-53.88		5944	-15723.7	-40564.2	-14481.0	-9066.2	-47221.8
-24.69		5980	-11447.7	-40239.3	-12580.4	-6725.3	-44961.7
-20.58							

		NODE	Vxx	Vyy
	Max	Cent	33.3	111.3
		5981	44.3	119.0
		5945	44.3	123.0
		5944	23.3	123.0
		5980	23.3	119.0
	Min	Cent	-30.0	-1.5
		5981	-41.9	-2.2
		5945	-41.9	-2.6
		5944	-19.0	-2.6
		5980	-19.0	-2.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	419.7	2.9	4.5	419.8	2.9
0.62			5981	396.2	12.3	4.5	396.3	12.2
0.67			5945	396.2	5.1	4.5	396.3	5.0
0.66			5944	443.3	5.1	4.5	443.4	5.0
0.59			5980	443.3	12.3	4.5	443.4	12.2
0.60		Min	Cent	-5.4	-11.3	-156.6	148.3	-165.0
-44.46			5981	-4.6	-2.2	-156.6	153.2	-160.0
-45.22			5945	-4.6	-30.5	-156.6	139.6	-174.7
-42.64			5944	-6.6	-30.5	-156.6	138.5	-175.6
-42.82			5980	-6.6	-2.2	-156.6	152.3	-161.0
-45.40								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	7462.6	6472.7	3477.7	10480.4	3454.9

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40.95							
		5981	8176.5	3840.8	3331.3	9983.3	2034.1
28.47							
		5945	8052.4	4045.3	3144.9	9777.7	2319.9
28.75							
		5944	13326.2	12776.5	3351.0	16413.6	9689.1
42.66							
		5980	13188.9	12468.1	3614.4	16460.8	9196.1
42.15							
	Min	Cent	-6473.6	-3555.1	-3094.2	-1593.4	-8435.3
-57.62							
		5981	-5434.7	-2772.9	-2873.7	-936.9	-7270.7
-57.43							
		5945	-8047.4	-2842.9	-2989.1	-1482.0	-9408.3
-65.52							
		5944	-11602.2	-6400.4	-3168.2	-4902.3	-13100.3
-64.69							
		5980	-7939.9	-5447.6	-2979.1	-3464.6	-9923.0
-56.35							

		NODE	Vxx	Vyy
	Max	Cent	14.8	8.1
		5981	11.6	9.9
		5945	11.6	11.0
		5944	18.8	11.0
		5980	18.8	9.9
	Min	Cent	-12.0	-12.3
		5981	-9.2	-19.5
		5945	-9.2	-20.0
		5944	-15.4	-20.0
		5980	-15.4	-19.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1159.8	-25.5	-419.6	1293.3	-159.0
-17.65							
		5981	1092.6	29.1	-419.6	1238.3	-116.5
-19.14							
		5945	1092.6	-80.1	-419.6	1227.3	-214.8
-17.79							
		5944	1227.0	-80.1	-419.6	1350.1	-203.2
-16.35							
		5980	1227.0	29.1	-419.6	1359.4	-103.2
-17.51							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	-11168.2	-7043.7	3466.8	-5072.2	-13139.8
60.37							
		5981	-6174.1	-4123.3	3415.6	-1582.5	-8715.0
53.36							
		5945	-14889.4	-4605.4	3246.8	-3666.1	-15828.7
73.87							
		5944	-18602.7	-12037.3	3179.8	-10749.7	-19890.2
67.96							
		5980	-5006.5	-7409.0	3348.6	-2650.1	-9765.3
35.13							

		NODE	Vxx	Vyy
		Cent	11.0	10.6
		5981	8.9	7.3
		5945	8.9	13.9

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5944 13.0 13.9
5980 13.0 7.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	13.8	-1.4	-7.9	17.2	-4.8
-22.91		5981	15.0	0.3	-7.9	18.4	-3.1
-23.43		5945	15.0	-3.2	-7.9	18.0	-6.1
-20.44		5944	12.7	-3.2	-7.9	15.9	-6.4
-22.41		5980	12.7	0.3	-7.9	16.5	-3.5
-25.88							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-6.7	-22.2	-48.9	35.1	-64.0
-40.52		5981	62.2	6.8	-49.3	91.0	-22.0
-30.33		5945	-81.1	-38.8	-42.6	-12.4	-107.5
-58.22		5944	-107.0	-91.0	-53.0	-45.4	-152.6
-49.26		5980	98.9	34.2	-59.7	134.5	-1.3
-30.78							

NODE Vxx Vyy

Cent 0.2 0.0
5981 0.1 -0.0
5945 0.1 0.1
5944 0.2 0.1
5980 0.2 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	cedime~1	Cent	73.3	-6.1	-32.1	84.7	-17.4
-19.45		5981	75.7	-0.1	-32.1	87.4	-11.9
-20.12		5945	75.7	-12.1	-32.1	86.1	-22.6
-18.07		5944	71.0	-12.1	-32.1	81.9	-23.0
-18.82		5980	71.0	-0.1	-32.1	83.3	-12.4
-21.02							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-267.1	-59.1	-88.9	-26.3	-299.9
-69.75		5981	71.4	45.7	-83.8	143.3	-26.2
-40.63		5945	-586.6	-90.9	-87.5	-75.9	-601.6
-80.28		5944	-758.4	-323.9	-115.3	-295.2	-787.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-76.02
-36.02

5980 205.1 132.8 -111.6 286.3 51.7

NODE	Vxx	Vyy
Cent	0.8	0.1
5981	0.6	-0.1
5945	0.6	0.4
5944	0.9	0.4
5980	0.9	-0.1

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

perm Cent 287.9 -5.7 -101.6 319.6 -37.4

5981 271.0 6.9 -101.6 305.5 -27.7

5945 271.0 -18.2 -101.6 303.1 -50.3

5944 304.8 -18.2 -101.6 334.1 -47.5

5980 304.8 6.9 -101.6 336.1 -24.5

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

Cent -2695.1 -1492.7 888.6 -1021.0 -3166.7

5981 -1415.4 -566.6 881.3 -12.8 -1969.2

5945 -3541.0 -638.2 816.1 -424.4 -3754.7

5944 -4579.9 -2912.8 812.1 -2582.5 -4910.1

5980 -1244.0 -1853.1 877.3 -619.9 -2477.2

NODE	Vxx	Vyy
Cent	2.7	3.5
5981	2.2	2.7
5945	2.2	4.3
5944	3.2	4.3
5980	3.2	2.7

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

INV TO~1 Max Cent 948.9 -1.3 -92.5 964.8 -11.0

5981 900.5 25.3 -92.5 917.9 14.7

5945 900.5 -11.4 -92.5 917.0 -21.5

5944 997.3 -11.4 -92.5 1012.3 -20.4

5980 997.3 25.3 -92.5 1013.0 15.9

Min Cent 278.6 -27.1 -354.1 484.0 -239.2

5981 262.2 3.2 -354.1 479.9 -221.1

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-34.05			5945	262.2	-72.9	-354.1	461.0	-276.9
-31.68			5944	294.2	-72.9	-354.1	484.4	-270.3
-30.57			5980	294.2	3.2	-354.1	502.1	-213.5
-32.85								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	15819.4	7245.5	20653.6	32626.3	-9561.4
39.14			5981	48348.5	40567.2	20041.4	64812.4	24124.5
39.52			5945	46321.2	41318.2	17076.5	61078.5	26561.0
40.83			5944	13410.4	14335.6	17837.0	31715.9	-3970.0
45.74			5980	16766.1	15111.5	20836.5	36680.3	-4802.6
43.86		Min	Cent	-20256.1	-24331.3	-18723.3	-3459.9	-41127.6
-41.89			5981	-26370.7	-17312.3	-15754.7	-5529.2	-38172.2
-53.06			5945	-32832.1	-17277.7	-18246.1	-5220.5	-44889.3
-56.54			5944	-26565.3	-57998.4	-18852.5	-17737.4	-66826.2
-25.09			5980	-16698.4	-56176.2	-16217.8	-10961.1	-61913.4
-19.61								

		NODE	Vxx	Vyy
	Max	Cent	48.4	153.9
		5981	62.6	163.4
		5945	62.6	170.7
		5944	35.6	170.7
		5980	35.6	163.4
	Min	Cent	-37.8	-13.0
		5981	-54.3	-23.7
		5945	-54.3	-22.7
		5944	-22.4	-22.7
		5980	-22.4	-23.7

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	1565.7	-1.3	-92.5	1746.0	-11.0
-17.65			5981	1475.0	39.3	-92.5	1671.6	14.7
-19.14			5945	1475.0	-11.4	-92.5	1656.9	-21.5
-17.79			5944	1656.5	-11.4	-92.5	1822.7	-20.4
-16.35			5980	1656.5	39.3	-92.5	1835.2	15.9
-17.51		Min	Cent	278.6	-34.4	-566.5	484.0	-239.2
-32.53			5981	262.2	3.2	-566.5	479.9	-221.1
-34.05			5945	262.2	-108.1	-566.5	461.0	-289.9
-31.68			5944	294.2	-108.1	-566.5	484.4	-274.3
-30.57								

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47.80	Max	Cent	12677.0	13686.6	5157.0	18363.4	8000.2
			5946	12558.9	8831.1	5195.8	16215.0
35.13			5911	13112.3	9560.5	4824.7	16477.5
34.90			5910	20895.9	26586.0	5267.1	29727.3
59.19			5945	22803.1	28150.3	5648.2	31725.8
57.67							
-49.75	Min	Cent	-8461.7	-6755.5	-5098.9	-2438.8	-12778.3
			5946	-11536.6	-7082.5	-5039.6	-3799.8
-56.92			5911	-12018.7	-6039.1	-5177.1	-3050.5
-60.00			5910	-13683.6	-11926.9	-5881.3	-6858.7
-49.25			5945	-12660.9	-10381.4	-5142.4	-6254.0
-51.25							

		NODE	Vxx	Vyy
	Max	Cent	20.5	21.4
		5946	15.6	29.6
		5911	15.6	30.1
		5910	26.4	30.1
		5945	26.4	29.6
	Min	Cent	-19.0	-29.4
		5946	-14.5	-55.8
		5911	-14.5	-50.3
		5910	-24.3	-50.3
		5945	-24.3	-55.8

		LC	NODE	Fxx	Fyy	Fxy	Fmax
ANGLE							Fmin

0.33	c mob-b	Max	Cent	394.0	2.7	2.3	394.0
			5946	370.0	4.0	2.3	370.1
0.36			5911	370.0	2.8	2.3	370.1
0.35			5910	418.2	2.8	2.3	418.2
0.31			5945	418.2	4.0	2.3	418.2
0.31							
-44.10		Min	Cent	-4.7	-9.8	-81.1	73.9
			5946	-5.2	-2.0	-81.1	77.6
-45.57			5911	-5.2	-20.4	-81.1	68.7
-42.32			5910	-4.8	-20.4	-81.1	68.9
-42.25			5945	-4.8	-2.0	-81.1	77.8
-45.50							

			NODE	Mxx	Myy	Mxy	Mmax
ANGLE							Mmin

32.08		Max	Cent	3634.3	2452.1	1220.3	4399.1
			5946	3113.5	2150.9	1363.5	4078.1

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35.28							
		5911	3595.4	2280.5	1131.3	4246.4	1629.4
29.92							
		5910	4670.9	3986.2	1243.9	5618.7	3038.5
37.31							
		5945	4906.2	3890.4	1630.2	6105.8	2690.8
36.35							
	Min	Cent	-4189.8	-1541.0	-1318.4	-996.6	-4734.1
-67.56							
		5946	-4258.8	-1577.8	-1395.8	-983.1	-4853.5
-66.92							
		5911	-5215.0	-1134.3	-1321.1	-744.0	-5605.3
-73.54							
		5910	-5391.8	-2402.8	-1491.7	-1785.7	-6008.8
-67.53							
		5945	-4566.5	-2532.6	-1488.1	-1747.1	-5352.0
-62.17							

	NODE	Vxx	Vyy
Max	Cent	5.3	4.7
	5946	4.8	4.7
	5911	4.8	5.4
	5910	6.1	5.4
	5945	6.1	4.7
Min	Cent	-4.5	-6.0
	5946	-4.1	-6.8
	5911	-4.1	-7.2
	5910	-5.3	-7.2
	5945	-5.3	-6.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1078.6	-23.9	-213.7	1118.6	-63.9
-10.59							
		5946	1008.5	6.4	-213.7	1052.1	-37.3
-11.55							
		5911	1008.5	-54.3	-213.7	1049.8	-95.6
-10.95							
		5910	1148.7	-54.3	-213.7	1185.6	-91.1
-9.78							
		5945	1148.7	6.4	-213.7	1187.4	-32.3
-10.26							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-9606.0	-2728.3	822.9	-2631.2	-9703.1
83.27						
	5946	-6681.7	-96.1	1195.0	114.0	-6891.8
80.03						
	5911	-10501.8	-82.7	438.4	-64.3	-10520.2
87.60						
	5910	-11732.4	-5492.8	546.8	-5445.2	-11780.0
85.03						
	5945	-9508.3	-5241.5	1303.4	-4874.8	-9874.9
74.29						

	NODE	Vxx	Vyy
	Cent	3.3	10.1
	5946	4.2	9.5
	5911	4.2	10.7
	5910	2.4	10.7
	5945	2.4	9.5

PROJECT TITLE :

	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.38	vento -y	Cent	16.8	-1.4	-3.1	17.3	-1.9
-9.21		5946	17.7	-0.9	-3.1	18.2	-1.4
-8.70		5911	17.7	-2.0	-3.1	18.2	-2.5
-9.56		5910	15.8	-2.0	-3.1	16.3	-2.5
-10.16		5945	15.8	-0.9	-3.1	16.4	-1.4
			NODE	Mxx	Myy	Mxy	Mmax
-62.33		Cent	-54.4	-27.9	-19.2	-17.8	-64.5
-69.89		5946	-55.1	-11.5	-18.4	-4.8	-61.8
-63.94		5911	-39.7	-3.8	-23.1	7.5	-51.0
-59.32		5910	-87.1	-60.6	-24.2	-46.3	-101.4
-45.16		5945	-35.8	-35.6	-19.5	-16.2	-55.3
		NODE	Vxx	Vyy			
		Cent	0.0	0.1			
		5946	-0.0	0.1			
		5911	-0.0	0.1			
		5910	0.1	0.1			
		5945	0.1	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.08	cedime~1	Cent	79.0	-5.2	-12.2	80.8	-6.9
-8.19		5946	80.2	-2.9	-12.2	82.0	-4.7
-7.78		5911	80.2	-7.5	-12.2	81.9	-9.2
-7.98		5910	77.8	-7.5	-12.2	79.6	-9.2
-8.41		5945	77.8	-2.9	-12.2	79.7	-4.7
			NODE	Mxx	Myy	Mxy	Mmax
-78.03		Cent	-363.9	-48.6	-70.0	-33.8	-378.7
-81.05		5946	-335.3	22.4	-57.8	31.5	-344.4
-75.96		5911	-307.3	55.5	-96.8	79.7	-331.5
-75.06		5910	-508.8	-171.3	-97.0	-145.4	-534.7
		5945	-304.2	-101.2	-58.0	-85.8	-319.6

PROJECT TITLE :

	Company		Client	
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-75.13

NODE	Vxx	Vyy
Cent	0.1	0.3
5946	-0.0	0.3
5911	-0.0	0.4
5910	0.2	0.4
5945	0.2	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.52	perm	Cent	266.6	-5.2	-52.2	276.3	-14.9
-11.49		5946	248.7	2.2	-52.2	259.3	-8.4
-10.90		5911	248.7	-12.6	-52.2	258.7	-22.6
-9.69		5910	284.5	-12.6	-52.2	293.4	-21.5
-10.16		5945	284.5	2.2	-52.2	293.8	-7.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.58	Cent	-2267.4	-273.4	190.8	-255.3	-2285.5
81.41	5946	-1571.3	278.4	286.0	321.6	-1614.5
88.15	5911	-2488.7	287.5	89.8	290.4	-2491.6
86.49	5910	-2775.5	-852.5	118.3	-845.2	-2782.8
78.11	5945	-2234.1	-807.0	314.5	-740.7	-2300.3

NODE	Vxx	Vyy
Cent	0.8	2.1
5946	1.0	2.0
5911	1.0	2.2
5910	0.6	2.2
5945	0.6	2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.76	INV TO~1 Max	Cent	896.7	-1.5	-47.5	900.6	-4.3
-4.04		5946	845.5	8.1	-47.5	849.7	5.1
-3.94		5911	845.5	-8.8	-47.5	849.6	-11.7
-3.53		5910	948.1	-8.8	-47.5	951.8	-11.4
-3.61		5945	948.1	8.1	-47.5	951.9	5.5
-25.21	Min	Cent	257.4	-24.1	-179.3	336.1	-98.1
-27.16		5946	238.8	-4.1	-179.3	324.6	-86.9
		5911	238.8	-48.6	-179.3	316.9	-121.6

PROJECT TITLE :

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-25.03							
	5910	275.7	-48.6	-179.3	347.6	-116.9	
-23.27							
	5945	275.7	-4.1	-179.3	354.3	-79.8	
-25.18							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Max	Cent	14846.5	18203.6	7152.7	23872.1	9178.0
51.60							
		5946	15383.2	12222.8	7300.3	21263.5	6320.1
38.85							
		5911	15212.9	13249.7	6603.1	20883.3	7523.7
40.65							
		5910	25433.9	35038.6	7228.9	38915.0	21557.5
61.80							
		5945	28550.2	37196.0	7939.6	41913.2	23832.9
59.28							
	Min	Cent	-14054.6	-9441.9	-6762.6	-4603.2	-18893.3
-54.42							
		5946	-17481.0	-9283.0	-6575.3	-5616.6	-21125.1
-61.00							
		5911	-19021.2	-7865.3	-6996.0	-4513.3	-22380.3
-64.09							
		5910	-21757.3	-17125.0	-7918.4	-11190.9	-27691.4
-53.15							
		5945	-19630.5	-14923.1	-6685.7	-10188.8	-24364.8
-54.70							

		NODE	Vxx	Vyy
	Max	Cent	28.5	31.4
		5946	22.1	42.2
		5911	22.1	43.3
		5910	36.5	43.3
		5945	36.5	42.2
	Min	Cent	-24.8	-37.6
		5946	-18.6	-73.4
		5911	-18.6	-65.7
		5910	-32.2	-65.7
		5945	-32.2	-73.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	1456.1	-1.5	-47.5	1510.1	-4.3
-10.59								
			5946	1361.5	8.6	-47.5	1420.4	5.1
-11.55								
			5911	1361.5	-8.8	-47.5	1417.3	-11.7
-10.95								
			5910	1550.8	-8.8	-47.5	1600.5	-11.4
-9.78								
			5945	1550.8	8.6	-47.5	1603.0	5.5
-10.26								
	Min	Cent	257.4	-32.3	-288.5	336.1	-98.1	
-25.21								
			5946	238.8	-4.1	-288.5	324.6	-86.9
-27.16								
			5911	238.8	-73.2	-288.5	316.9	-129.1
-25.03								
			5910	275.7	-73.2	-288.5	347.6	-123.0
-23.27								
			5945	275.7	-4.1	-288.5	354.3	-79.8
-25.18								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.60	Max	Cent	14846.5	18203.6	7152.7	23872.1	9178.0
38.85		5946	15383.2	12222.8	7300.3	21263.5	6320.1
40.65		5911	15212.9	13249.7	6603.1	20883.3	7523.7
61.80		5910	25433.9	35038.6	7228.9	38915.0	21557.5
59.28		5945	28550.2	37196.0	7939.6	41913.2	23832.9
-54.42	Min	Cent	-14054.6	-9441.9	-6762.6	-4603.2	-18893.3
-61.00		5946	-17481.0	-9283.0	-6575.3	-5616.6	-21125.1
-64.09		5911	-19021.2	-7865.3	-6996.0	-4513.3	-22380.3
-53.15		5910	-21757.3	-17125.0	-7918.4	-11190.9	-27691.4
-54.70		5945	-19630.5	-14923.1	-6685.7	-10188.8	-24364.8

		NODE	Vxx	Vyy
Max	Cent		28.5	31.4
	5946		22.1	42.2
	5911		22.1	43.3
	5910		36.5	43.3
	5945		36.5	42.2
Min	Cent		-24.8	-37.6
	5946		-18.6	-73.4
	5911		-18.6	-65.7
	5910		-32.2	-65.7
	5945		-32.2	-73.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6047	1	20	c mob-a	Max	Cent	313.3	1.3	5.4	313.4	1.2
0.98					5982	295.0	9.3	5.4	295.1	9.2
1.08					5946	295.0	2.2	5.4	295.0	2.1
1.05					5945	332.0	2.2	5.4	332.1	2.1
0.93					5981	332.0	9.3	5.4	332.1	9.2
0.95				Min	Cent	-5.3	-4.8	-99.4	94.3	-104.4
-45.08					5982	-5.7	-1.2	-99.4	95.9	-102.9
-45.65					5946	-5.7	-16.7	-99.4	88.3	-110.8
-43.42					5945	-5.3	-16.7	-99.4	88.5	-110.6
-43.36					5981	-5.3	-1.2	-99.4	96.1	-102.7
-45.59										

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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		Max	Cent	12783.9	13195.6	5089.3	18083.2	7896.3
46.16			5982	12186.7	7698.7	5080.1	15496.3	4389.1
33.08			5946	12964.7	8921.6	4635.4	16000.1	5886.2
33.22			5945	22398.1	28072.5	5206.8	31164.9	19305.7
59.29			5981	22283.6	27473.7	5977.0	31394.7	18362.6
56.73		Min	Cent	-7846.1	-8036.8	-5515.8	-2424.8	-13458.1
-44.50			5982	-12703.5	-8076.9	-5869.1	-4081.7	-16698.7
-55.76			5946	-11258.1	-5745.2	-5549.5	-2305.2	-14698.0
-58.21			5945	-12749.8	-11140.1	-6130.5	-5761.8	-18128.0
-48.74			5981	-11146.5	-11450.3	-5666.9	-5629.5	-16967.3
-44.23								

		NODE	Vxx	Vyy
Max	Cent		19.6	20.4
	5982		14.8	29.2
	5946		14.8	29.6
	5945		24.8	29.6
	5981		24.8	29.2
Min	Cent		-18.2	-30.3
	5982		-13.9	-54.5
	5946		-13.9	-55.8
	5945		-23.4	-55.8
	5981		-23.4	-54.5

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	c mob-b	Max	Cent	303.2	1.2	3.8	303.2	1.2
0.72			5982	285.8	8.6	3.8	285.9	8.5
0.78			5946	285.8	2.3	3.8	285.9	2.3
0.77			5945	320.7	2.3	3.8	320.8	2.3
0.68			5981	320.7	8.6	3.8	320.8	8.5
0.70		Min	Cent	-3.6	-4.8	-95.3	91.1	-99.6
-44.82			5982	-4.0	-1.0	-95.3	92.9	-97.8
-45.45			5946	-4.0	-16.1	-95.3	85.5	-105.6
-43.18			5945	-3.8	-16.1	-95.3	85.6	-105.5
-43.15			5981	-3.8	-1.0	-95.3	93.0	-97.7
-45.42								

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Max	Cent	3565.1	2179.8	1329.8	4371.8	1373.1
31.24			5982	2972.0	1777.0	1379.9	3878.2	870.8
33.29			5946	3606.0	2146.3	1415.6	4468.8	1283.5

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31.36							
		5945	4764.4	3880.0	1523.5	5908.6	2735.9
36.91							
		5981	4822.0	3652.4	1693.4	6028.8	2445.7
35.47							
	Min	Cent	-3269.4	-1728.3	-1343.4	-950.1	-4047.6
-59.92							
		5982	-3526.1	-1375.1	-1502.2	-603.1	-4298.1
-62.80							
		5946	-4619.2	-1314.4	-1329.3	-846.1	-5087.6
-70.59							
		5945	-4512.8	-2601.6	-1551.3	-1735.2	-5379.1
-60.82							
		5981	-3008.2	-2418.4	-1557.1	-1128.5	-4298.1
-50.36							

		NODE	Vxx	Vyy
	Max	Cent	5.8	3.6
		5982	5.3	3.8
		5946	5.3	4.7
		5945	6.5	4.7
		5981	6.5	3.8
	Min	Cent	-4.3	-5.8
		5982	-3.8	-6.8
		5946	-3.8	-6.8
		5945	-5.1	-6.8
		5981	-5.1	-6.8

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	834.1	-10.7	-253.0	904.0	-80.6
-15.46							
		5982	783.7	21.2	-253.0	860.0	-55.1
-16.78							
		5946	783.7	-42.5	-253.0	855.0	-113.8
-15.74							
		5945	884.5	-42.5	-253.0	949.0	-107.0
-14.31							
		5981	884.5	21.2	-253.0	953.2	-47.5
-15.19							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-5502.5	-2651.6	1568.1	-1957.9	-6196.3
66.14							
		5982	-1355.1	-1212.3	1635.9	353.7	-2921.1
46.25							
		5946	-8697.3	-499.2	1439.1	-254.0	-8942.5
80.33							
		5945	-8506.6	-5041.1	1646.4	-4383.7	-9164.1
68.23							
		5981	-3451.2	-3853.9	1843.2	-1798.4	-5506.7
41.88							

		NODE	Vxx	Vyy
		Cent	6.3	7.1
		5982	7.7	4.6
		5946	7.7	9.5
		5945	5.0	9.5
		5981	5.0	4.6

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-18.89	vento -y	Cent	13.2	-0.6	-5.4	15.1	-2.5
-18.83		5982	14.2	0.3	-5.4	16.1	-1.5
-17.11		5946	14.2	-1.6	-5.4	15.9	-3.2
-18.95		5945	12.2	-1.6	-5.4	14.1	-3.4
-21.00		5981	12.2	0.3	-5.4	14.3	-1.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-41.88		Cent	-6.4	-10.2	-17.0	8.8	-25.4
-35.66		5982	3.9	-9.0	-19.0	17.5	-22.6
-55.73		5946	-17.5	-4.0	-17.1	7.7	-29.1
-52.43		5945	-48.4	-38.1	-19.4	-23.2	-63.4
-29.37		5981	36.3	10.5	-21.3	48.3	-1.5
		NODE	Vxx	Vyy			
		Cent	0.1	0.0			
		5982	0.0	-0.0			
		5946	0.0	0.1			
		5945	0.1	0.1			
		5981	0.1	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-16.12	cedime~1	Cent	63.7	-2.7	-20.9	69.7	-8.7
-16.36		5982	65.8	0.6	-20.9	71.9	-5.5
-15.13		5946	65.8	-6.0	-20.9	71.4	-11.6
-15.89		5945	61.6	-6.0	-20.9	67.5	-11.9
-17.24		5981	61.6	0.6	-20.9	68.1	-5.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-77.09		Cent	-126.5	-1.2	-30.3	5.7	-133.5
-50.49		5982	-11.4	0.6	-30.8	25.9	-36.7
-81.04		5946	-217.7	45.9	-42.6	52.6	-224.4
-79.64		5945	-330.9	-106.5	-42.4	-98.8	-338.7
-45.60		5981	54.0	55.3	-30.6	85.2	24.1

PROJECT TITLE :

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NODE	Vxx	Vyy
Cent	0.3	0.1
5982	0.2	-0.1
5946	0.2	0.3
5945	0.4	0.3
5981	0.4	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-15.10	perm	Cent	206.5	-2.4	-60.8	222.9	-18.8
-16.40		5982	193.7	5.0	-60.8	211.6	-12.9
-15.43		5946	193.7	-9.8	-60.8	210.5	-26.6
-13.98		5945	219.3	-9.8	-60.8	234.4	-24.9
-14.78		5981	219.3	5.0	-60.8	235.3	-11.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
70.78	Cent	-1261.3	-273.7	392.0	-137.0	-1397.9
53.08	5982	-253.8	-15.2	411.8	294.3	-563.2
81.27	5946	-2054.4	181.8	351.7	235.8	-2108.4
73.17	5945	-1983.8	-756.9	408.6	-633.3	-2107.4
52.43	5981	-753.1	-504.4	468.7	-143.8	-1113.7

NODE	Vxx	Vyy
Cent	1.6	1.4
5982	1.9	0.8
5946	1.9	2.0
5945	1.2	2.0
5981	1.2	0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.04	INV TO~1 Max	Cent	693.1	-0.6	-53.6	701.0	-5.1
-6.56		5982	657.6	18.2	-53.6	666.2	12.6
-6.27		5946	657.6	-6.6	-53.6	665.8	-11.4
-5.68		5945	729.1	-6.6	-53.6	736.5	-10.9
-5.92		5981	729.1	18.2	-53.6	736.8	13.2
-30.95	Min	Cent	199.3	-11.6	-215.9	316.2	-130.1
-32.45		5982	185.9	3.3	-215.9	309.9	-121.1
-30.38		5946	185.9	-38.3	-215.9	300.2	-153.4
		5945	212.1	-38.3	-215.9	320.0	-148.7

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-28.96
-30.92

5981 212.1 3.3 -215.9 328.8 -115.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	15997.0	17540.4	7262.5	24072.1	9465.3
48.03		5982	16198.3	10378.6	7269.9	21118.9	5482.8
34.09		5946	15447.9	12271.9	6609.4	20639.9	7034.0
38.15		5945	28253.7	37140.9	7437.8	41361.4	24033.2
60.43		5981	29383.8	36640.4	8537.6	42260.6	23763.6
56.55	Min	Cent	-11980.0	-11124.6	-7084.7	-4454.7	-18649.9
-46.73		5982	-17414.8	-10918.9	-7542.2	-5979.9	-22378.5
-56.67		5946	-17470.5	-7574.2	-7182.8	-3787.9	-21234.6
-62.06		5945	-19526.9	-15902.6	-7910.0	-9599.9	-25829.6
-51.45		5981	-15800.9	-15962.2	-7212.1	-8699.5	-23063.6
-44.68							

		NODE	Vxx	Vyy
	Max	Cent	28.3	29.1
		5982	22.1	40.2
		5946	22.1	42.2
		5945	35.0	42.2
		5981	35.0	40.2
	Min	Cent	-23.0	-39.5
		5982	-16.9	-72.9
		5946	-16.9	-73.4
		5945	-30.4	-73.4
		5981	-30.4	-72.9

ANGLE

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

		INV TO~2	Max	Cent	1126.0	-0.6	-53.6	1220.5	-5.1
-15.46				5982	1057.9	28.6	-53.6	1160.9	12.6
-16.78				5946	1057.9	-6.6	-53.6	1154.2	-11.4
-15.74				5945	1194.1	-6.6	-53.6	1281.2	-10.9
-14.31				5981	1194.1	28.6	-53.6	1286.8	13.2
-15.19			Min	Cent	199.3	-14.4	-341.5	316.2	-130.1
-30.95				5982	185.9	3.3	-341.5	309.9	-121.1
-32.45				5946	185.9	-57.4	-341.5	300.2	-153.6
-30.38				5945	212.1	-57.4	-341.5	320.0	-148.7
-28.96				5981	212.1	3.3	-341.5	328.8	-115.7
-30.92									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin

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ANGLE

		Max	Cent	15997.0	17540.4	7262.5	24072.1	9465.3
48.03			5982	16198.3	10378.6	7269.9	21118.9	5482.8
34.09			5946	15447.9	12271.9	6609.4	20639.9	7034.0
38.15			5945	28253.7	37140.9	7437.8	41361.4	24033.2
60.43			5981	29383.8	36640.4	8537.6	42260.6	23763.6
56.55		Min	Cent	-11980.0	-11124.6	-7084.7	-4454.7	-18649.9
-46.73			5982	-17414.8	-10918.9	-7542.2	-5979.9	-22378.5
-56.67			5946	-17470.5	-7574.2	-7182.8	-3787.9	-21234.6
-62.06			5945	-19526.9	-15902.6	-7910.0	-9599.9	-25829.6
-51.45			5981	-15800.9	-15962.2	-7212.1	-8699.5	-23063.6
-44.68								

		NODE	Vxx	Vyy
Max	Cent		28.3	29.1
	5982		22.1	40.2
	5946		22.1	42.2
	5945		35.0	42.2
	5981		35.0	40.2
Min	Cent		-23.0	-39.5
	5982		-16.9	-72.9
	5946		-16.9	-73.4
	5945		-30.4	-73.4
	5981		-30.4	-72.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6132	1	18	c mob-a	Max	Cent	561.4	0.4	1.6	561.4	0.3
0.17					5947	541.3	11.8	1.6	541.3	11.8
0.18					5912	541.3	0.8	1.6	541.3	0.8
0.17					5911	585.5	0.8	1.6	585.5	0.8
0.16					5946	585.5	11.8	1.6	585.5	11.8
0.16				Min	Cent	-15.3	-2.2	-31.2	23.2	-40.7
-50.94					5947	-19.9	-0.7	-31.2	22.4	-43.0
-53.55					5912	-19.9	-15.9	-31.2	13.4	-49.2
-46.84					5911	-11.5	-15.9	-31.2	17.6	-45.0
-43.01					5946	-11.5	-0.7	-31.2	25.6	-37.8
-49.92										

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
20.35		Max	Cent	37744.2	3853.0	14574.1	43149.4	-1552.2

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17.20		5947	41910.5	4380.5	12844.7	45885.6	405.5
17.34		5912	39501.9	4387.9	12150.5	43296.3	593.5
18.25		5911	42584.0	8179.6	12733.1	46783.9	3979.7
19.09		5946	41595.0	7428.6	13435.9	46245.6	2777.9
-63.59	Min	Cent	-26296.9	-2656.7	-15580.3	5079.9	-34033.4
-71.40		5947	-40006.7	-3548.1	-13841.8	1111.5	-44666.3
-71.60		5912	-39512.7	-4007.8	-13277.1	408.0	-43928.5
-69.68		5911	-37750.9	-6165.9	-13555.8	-1145.9	-42771.0
-68.19		5946	-36557.1	-6895.3	-14129.2	-1242.3	-42210.1

	NODE	Vxx	Vyy
Max	Cent	46.1	8.3
	5947	53.1	9.7
	5912	53.1	8.1
	5911	47.1	8.1
	5946	47.1	9.7
Min	Cent	-42.6	-13.9
	5947	-49.3	-14.5
	5912	-49.3	-15.3
	5911	-43.8	-15.3
	5946	-43.8	-14.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.12	c mob-b	Max	Cent	544.2	0.4	1.1	544.2	0.4
0.13			5947	523.5	11.2	1.1	523.5	11.2
0.12			5912	523.5	0.6	1.1	523.5	0.6
0.11			5911	566.2	0.6	1.1	566.2	0.6
0.12			5946	566.2	11.2	1.1	566.2	11.2
-49.88		Min	Cent	-12.3	-2.1	-29.8	23.0	-37.4
-54.81			5947	-21.7	-0.5	-29.8	20.5	-42.7
-48.14			5912	-21.7	-15.2	-29.8	11.5	-48.4
-41.70			5911	-8.3	-15.2	-29.8	18.2	-41.7
-48.73			5946	-8.3	-0.5	-29.8	25.6	-34.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
17.75	Max	Cent	10557.5	771.8	3489.3	11674.2	-344.9	
14.41			5947	11933.9	1065.9	2989.2	12701.8	298.0
16.04			5912	10427.7	1040.6	2942.2	11273.6	194.7
			5911	12040.6	1646.1	3151.7	12921.6	765.1

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15.62			5946	10760.9	1424.2	3207.3	11756.5	428.6
17.25								
-73.33	Min	Cent		-13694.1	-597.2	-4307.4	692.5	-14983.7
-76.36			5947	-15345.0	-833.1	-3742.8	75.4	-16253.5
-77.46			5912	-16966.5	-1054.0	-3725.0	-225.2	-17795.4
-77.50			5911	-17583.9	-1133.5	-3834.0	-283.8	-18433.6
-75.05			5946	-14873.9	-1471.3	-3854.7	-441.8	-15903.5

	NODE	Vxx	Vyy
Max	Cent	12.0	1.9
	5947	13.4	2.1
	5912	13.4	1.8
	5911	14.4	1.8
	5946	14.4	2.1
Min	Cent	-9.7	-2.3
	5947	-10.5	-2.5
	5912	-10.5	-2.6
	5911	-12.3	-2.6
	5946	-12.3	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.00	pp	Cent	1474.4	-5.4	-77.9	1478.5	-9.4
-3.23		5947	1405.9	29.2	-77.9	1410.3	24.8
-3.07		5912	1405.9	-39.9	-77.9	1410.1	-44.1
-2.81		5911	1543.0	-39.9	-77.9	1546.8	-43.7
-2.94		5946	1543.0	29.2	-77.9	1547.0	25.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
85.78	Cent	-30089.5	-165.0	2221.7	-0.9	-30253.6
85.92	5947	-27979.6	-245.9	1989.3	-103.9	-28121.6
87.25	5912	-31465.3	785.3	1553.7	860.0	-31540.0
86.86	5911	-36275.2	-864.1	1947.4	-757.3	-36381.9
84.45	5946	-24638.0	-335.2	2383.1	-103.7	-24869.5

	NODE	Vxx	Vyy
	Cent	8.5	1.5
	5947	4.1	1.6
	5912	4.1	1.4
	5911	12.8	1.4
	5946	12.8	1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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Cent	0.6	-0.0
5947	1.2	-0.0
5912	1.2	0.0
5911	-0.1	0.0
5946	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.97	perm	Cent	361.4	-1.2	-18.9	362.4	-2.2
-3.21		5947	342.6	7.2	-18.9	343.6	6.2
-3.06		5912	342.6	-9.6	-18.9	343.6	-10.6
-2.77		5911	380.3	-9.6	-18.9	381.2	-10.5
-2.89		5946	380.3	7.2	-18.9	381.2	6.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
86.17	Cent	-7287.2	110.8	497.2	144.0	-7320.5
86.18	5947	-6730.9	-43.5	449.1	-13.4	-6760.9
87.58	5912	-7711.9	188.2	334.8	202.4	-7726.1
87.21	5911	-8750.5	93.9	432.6	115.1	-8771.7
84.97	5946	-5955.6	204.3	546.9	252.5	-6003.8

NODE	Vxx	Vyy
Cent	2.1	-0.2
5947	1.1	-0.2
5912	1.1	-0.2
5911	3.1	-0.2
5946	3.1	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-0.98	INV TO~1	Max	Cent	1252.3	-0.6	-16.7	1252.7	-0.9
-1.03			5947	1215.7	24.2	-16.7	1216.1	23.9
-1.00			5912	1215.7	-8.5	-16.7	1216.1	-8.8
-0.94		Min	5911	1294.3	-8.5	-16.7	1294.6	-8.8
-0.97			5946	1294.3	24.2	-16.7	1294.6	23.9
-9.75			Cent	340.7	-5.0	-65.8	351.2	-14.6
-10.85		5947	313.3	6.3	-65.8	325.0	-5.4	
-9.76		5912	313.3	-34.0	-65.8	323.8	-42.7	
-8.58		5911	364.7	-34.0	-65.8	373.9	-42.2	
		5946	364.7	6.3	-65.8	374.8	-3.8	

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-9.41

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	43667.5	5325.1	20172.3	52323.3	-3290.4
23.22		5947	49848.4	5949.2	17789.4	56143.2	-250.0
19.49		5912	45615.7	6112.0	16737.9	51753.9	-26.2
20.14		5911	48737.9	11199.5	17622.3	55705.6	4255.0
21.57		5946	50197.7	10232.8	18685.4	57572.9	2857.6
21.54	Min	Cent	-43936.5	-3475.7	-20842.2	5295.2	-52750.1
-66.87		5947	-61317.2	-4833.4	-18505.6	589.7	-66833.7
-73.44		5912	-62746.4	-5273.1	-17878.4	-165.5	-67854.0
-74.06		5911	-60833.8	-8230.0	-18136.7	-2636.7	-66475.2
-72.62		5946	-56512.3	-9144.3	-18775.7	-2604.8	-63051.8
-70.80							

		NODE	Vxx	Vyy
Max	Cent		64.9	11.0
		5947	74.0	12.9
		5912	74.0	10.7
		5911	66.7	10.7
		5946	66.7	12.9
Min	Cent		-55.4	-18.9
		5947	-65.4	-19.8
		5912	-65.4	-20.8
		5911	-56.1	-20.8
		5946	-56.1	-19.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	1990.5	-0.6	-16.7	1996.0	-0.9
-3.00			5947	1898.0	39.4	-16.7	1903.9	33.5
-3.23			5912	1898.0	-8.5	-16.7	1903.6	-8.8
-3.07			5911	2083.0	-8.5	-16.7	2088.2	-8.8
-2.81			5946	2083.0	39.4	-16.7	2088.4	34.0
-2.94		Min	Cent	340.7	-7.2	-105.1	351.2	-14.6
-9.75			5947	313.3	6.3	-105.1	325.0	-5.4
-10.85			5912	313.3	-53.9	-105.1	323.8	-59.5
-9.76			5911	364.7	-53.9	-105.1	373.9	-59.0
-8.58			5946	364.7	6.3	-105.1	374.8	-3.8
-9.41								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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23.22		Max	Cent	43667.5	5325.1	20172.3	52323.3	-3290.4	
19.49				5947	49848.4	5949.2	17789.4	56143.2	-250.0
20.14				5912	45615.7	6112.0	16737.9	51753.9	-26.2
21.57				5911	48737.9	11199.5	17622.3	55705.6	4255.0
21.54				5946	50197.7	10232.8	18685.4	57572.9	2857.6
85.78		Min	Cent	-43936.5	-3475.7	-20842.2	-1.2	-52750.1	
85.92				5947	-61317.2	-4833.4	-18505.6	-140.3	-66833.7
-74.06				5912	-62746.4	-5273.1	-17878.4	-165.5	-67854.0
-72.62				5911	-60833.8	-8230.0	-18136.7	-2636.7	-66475.2
-70.80				5946	-56512.3	-9144.3	-18775.7	-2604.8	-63051.8

		NODE	Vxx	Vyy
Max	Cent		64.9	11.0
		5947	74.0	12.9
		5912	74.0	10.7
		5911	66.7	10.7
		5946	66.7	12.9
Min	Cent		-55.4	-18.9
		5947	-65.4	-19.8
		5912	-65.4	-20.8
		5911	-56.1	-20.8
		5946	-56.1	-19.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6133	1	18	c mob-a	Max	Cent	432.8	0.3	2.5	432.8	0.3
	0.33									
	0.36				5983	416.1	14.7	2.5	416.2	14.7
	0.35				5947	416.1	1.2	2.5	416.2	1.2
	0.32				5946	450.7	1.2	2.5	450.7	1.2
	0.33				5982	450.7	14.7	2.5	450.7	14.7
-49.17				Min	Cent	-11.2	-0.5	-36.7	31.3	-43.0
-50.26					5983	-14.5	-0.9	-36.7	29.6	-45.1
-44.84					5947	-14.5	-14.9	-36.7	22.0	-51.5
-42.65					5946	-8.9	-14.9	-36.7	24.9	-48.8
-48.11					5982	-8.9	-0.9	-36.7	32.1	-41.8

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	37819.7	3366.7	13848.0	42695.7	-1509.3
19.40					5983	42855.5	4462.0	11965.4	46279.2	1038.3
15.97										

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17.06		5947	40042.5	4135.5	12166.8	43776.7	401.2
17.81		5946	42973.4	7478.8	12713.9	47057.6	3394.7
18.21		5982	40571.4	6614.1	12527.7	44693.0	2492.5
-61.31	Min	Cent	-26332.2	-3142.1	-18119.8	6775.0	-36249.3
-65.89		5983	-32156.9	-3430.6	-16077.6	3765.2	-39352.7
-69.60		5947	-39949.9	-4419.5	-15337.5	1285.3	-45654.7
-66.67		5946	-35309.2	-5600.3	-15736.6	1185.4	-42094.9
-66.64		5982	-39110.5	-8081.1	-16474.9	-965.5	-46226.1

	NODE	Vxx	Vyy
Max	Cent	46.3	10.1
	5983	54.2	10.8
	5947	54.2	9.7
	5946	45.6	9.7
Min	5982	45.6	10.8
	Cent	-40.9	-12.7
	5983	-45.2	-13.4
	5947	-45.2	-14.5
	5946	-42.7	-14.5
	5982	-42.7	-13.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
0.27	c mob-b	Max	Cent	418.7	0.3	2.0	418.7	0.2
0.29			5983	403.1	14.0	2.0	403.1	14.0
0.28			5947	403.1	1.1	2.0	403.1	1.1
0.26			5946	436.7	1.1	2.0	436.7	1.1
0.27			5982	436.7	14.0	2.0	436.7	14.0
-49.08		Min	Cent	-10.6	-0.5	-35.2	30.1	-41.1
-51.25			5983	-16.4	-0.7	-35.2	27.5	-44.6
-45.80			5947	-16.4	-14.4	-35.2	19.9	-50.6
-41.69			5946	-6.2	-14.4	-35.2	25.2	-45.8
-47.22			5982	-6.2	-0.7	-35.2	31.9	-38.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
19.73	Max	Cent	10350.6	675.7	3981.5	11778.3	-752.1
15.98		5983	11600.0	990.4	3308.8	12547.3	43.1
18.36		5947	9947.6	990.4	3341.8	11056.9	-119.0
17.76		5946	11742.4	1411.6	3686.8	12923.1	230.9
		5982	10421.1	1144.0	3652.1	11686.3	-121.2

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19.11								
	Min	Cent	-10992.6	-588.1	-4600.5	1154.3	-12735.0	
-69.26			5983	-10370.1	-968.3	-3983.0	492.1	-11830.6
-69.86			5947	-14768.1	-1069.0	-3931.8	-20.8	-15816.3
-75.07			5946	-15396.3	-1198.2	-4095.3	-101.7	-16492.8
-75.01			5982	-11776.3	-1364.3	-4144.2	83.8	-13224.4
-70.74								

	NODE	Vxx	Vyy
Max	Cent	14.0	2.0
	5983	14.1	1.9
	5947	14.1	2.1
	5946	16.2	2.1
	5982	16.2	1.9
Min	Cent	-9.2	-2.2
	5983	-9.5	-2.1
	5947	-9.5	-2.5
	5946	-11.6	-2.5
	5982	-11.6	-2.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1139.1	-0.5	-92.6	1146.6	-8.0
-4.61		5983	1080.9	36.8	-92.6	1089.1	28.7
-5.03		5947	1080.9	-37.9	-92.6	1088.5	-45.5
-4.70		5946	1197.3	-37.9	-92.6	1204.2	-44.8
-4.26		5982	1197.3	36.8	-92.6	1204.6	29.5
-4.53							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-17203.0	-458.9	3962.5	431.5	-18093.4
77.34	5983	-12444.5	-894.2	3141.0	-95.4	-13243.4
75.73	5947	-21617.0	1026.6	3028.0	1424.6	-22014.9
82.51	5946	-28920.1	-1191.6	3850.6	-666.8	-29444.9
82.24	5982	-5830.5	-776.5	3963.6	1397.1	-8004.1
61.26						

	NODE	Vxx	Vyy
	Cent	16.8	2.0
	5983	9.8	2.5
	5947	9.8	1.6
	5946	23.7	1.6
	5982	23.7	2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Company	Client	File Name	
	vento -y	Cent	24.3	-0.1 -2.2 24.5 -0.3
-5.20		5983	26.7	0.8 -2.2 26.9 0.7
-4.90		5947	26.7	-1.0 -2.2 26.9 -1.2
-4.58		5946	21.9	-1.0 -2.2 22.1 -1.2
-5.53		5982	21.9	0.8 -2.2 22.1 0.6
-6.01				
ANGLE		NODE	Mxx	Myy Mxy Mmax Mmin
-----		Cent	-20.3	-3.0 -75.0 63.8 -87.1
-48.28		5983	149.7	13.6 -69.7 179.1 -15.7
-22.83		5947	-189.7	-14.5 -69.3 9.6 -213.8
-70.82		5946	-53.0	4.0 -61.9 43.6 -92.6
-57.36		5982	11.8	-15.2 -62.2 62.0 -65.4
-38.89				
		NODE	Vxx	Vyy
		Cent	0.2	0.0
		5983	0.3	0.0
		5947	0.3	0.0
		5946	0.1	0.0
		5982	0.1	0.0
ANGLE	LC	NODE	Fxx	Fyy Fxy Fmax Fmin
-----		Cent	108.1	-0.4 -8.3 108.7 -1.0
-4.37	cedime~1	5983	115.2	3.1 -8.3 115.8 2.5
-4.23		5947	115.2	-3.9 -8.3 115.8 -4.5
-3.99		5946	100.9	-3.9 -8.3 101.6 -4.5
-4.52		5982	100.9	3.1 -8.3 101.7 2.4
-4.84				
ANGLE		NODE	Mxx	Myy Mxy Mmax Mmin
-----		Cent	-413.5	9.9 -205.4 93.2 -496.8
-67.93		5983	296.6	39.9 -196.3 402.8 -66.3
-28.41		5947	-1112.8	-28.2 -206.8 9.9 -1150.9
-79.56		5946	-742.3	52.5 -163.3 84.7 -774.6
-78.83		5982	-95.6	-24.7 -152.9 96.8 -217.1
-51.53				
		NODE	Vxx	Vyy
		Cent	1.1	-0.0
		5983	1.4	-0.0

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5947 1.4 -0.0
 5946 0.7 -0.0
 5982 0.7 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-4.46	perm	Cent	280.6	-0.1	-22.0	282.3	-1.8
-4.87		5983	265.3	8.8	-22.0	267.2	6.9
-4.56		5947	265.3	-9.0	-22.0	267.1	-10.7
-4.11		5946	295.8	-9.0	-22.0	297.4	-10.5
-4.36		5982	295.8	8.8	-22.0	297.5	7.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

77.39	Cent	-4114.6	32.6	976.7	251.1	-4333.1
75.30	5983	-2975.4	-216.1	777.4	-12.1	-3179.3
82.42	5947	-5215.8	259.5	741.7	358.3	-5314.5
82.41	5946	-6969.9	1.4	945.8	127.5	-7096.0
62.58	5982	-1297.4	85.6	981.4	594.6	-1806.5

NODE	Vxx	Vyy

Cent	4.1	-0.1
5983	2.4	0.1
5947	2.4	-0.2
5946	5.8	-0.2
5982	5.8	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-1.59	INV TO~1 Max	Cent	972.9	0.3	-18.7	973.7	-0.1
-1.70		5983	942.3	31.7	-18.7	943.1	30.9
-1.62		5947	942.3	-7.3	-18.7	943.1	-7.7
-1.52		5946	1005.2	-7.3	-18.7	1005.9	-7.7
-1.59		5982	1005.2	31.7	-18.7	1005.9	31.0
-14.14	Min	Cent	265.4	-1.1	-80.0	283.5	-18.8
-15.64		5983	243.2	7.6	-80.0	263.3	-12.5
-13.87		5947	243.2	-33.0	-80.0	260.9	-48.7
-12.30		5946	283.8	-33.0	-80.0	299.4	-47.8
-13.70		5982	283.8	7.6	-80.0	301.3	-9.9

PROJECT TITLE :

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	46942.0	4587.5	19671.5	54667.5	-3054.8
21.44		5983	55176.1	5847.5	16930.6	60317.2	706.3
17.08		5947	48841.6	5842.5	17166.9	54854.4	-170.4
19.30		5946	51044.2	10150.3	18109.6	57904.3	3298.3
20.75		5982	53474.0	9014.5	17893.8	59781.1	2770.6
19.42	Min	Cent	-40076.6	-4209.2	-23690.5	7488.3	-51853.9
-63.52		5983	-46387.3	-4847.3	-21123.7	3867.4	-55102.0
-67.39		5947	-60260.9	-5735.0	-20170.7	915.6	-66911.4
-71.75		5946	-55379.7	-7559.0	-20462.0	-15.6	-62933.7
-69.61		5982	-54192.2	-10848.5	-21412.6	-2127.0	-62986.2
-67.75							

		NODE	Vxx	Vyy
	Max	Cent	67.7	13.5
		5983	77.1	14.7
		5947	77.1	12.9
		5946	68.0	12.9
		5982	68.0	14.7
	Min	Cent	-51.1	-17.3
		5983	-58.6	-18.1
		5947	-58.6	-19.8
		5946	-51.8	-19.8
		5982	-51.8	-18.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	1537.8	0.3	-18.7	1547.9	-0.1
-4.61			5983	1459.3	49.7	-18.7	1470.3	38.7
-5.03			5947	1459.3	-7.3	-18.7	1469.5	-7.7
-4.70			5946	1616.3	-7.3	-18.7	1625.7	-7.7
-4.26			5982	1616.3	49.7	-18.7	1626.2	39.8
-4.53		Min	Cent	265.4	-1.1	-125.0	283.5	-18.8
-14.14			5983	243.2	7.6	-125.0	263.3	-12.5
-15.64			5947	243.2	-51.1	-125.0	260.9	-61.4
-13.87			5946	283.8	-51.1	-125.0	299.4	-60.5
-12.30			5982	283.8	7.6	-125.0	301.3	-9.9
-13.70								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	46942.0	4587.5	19671.5	54667.5	-3054.8

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21.44								
		5983	55176.1	5847.5	16930.6	60317.2	706.3	
17.08		5947	48841.6	5842.5	17166.9	54854.4	-170.4	
19.30		5946	51044.2	10150.3	18109.6	57904.3	3298.3	
20.75		5982	53474.0	9014.5	17893.8	59781.1	2770.6	
19.42		Min	Cent	-40076.6	-4209.2	-23690.5	582.5	-51853.9
77.34		5983	-46387.3	-4847.3	-21123.7	-128.7	-55102.0	
75.73		5947	-60260.9	-5735.0	-20170.7	915.6	-66911.4	
-71.75		5946	-55379.7	-7559.0	-20462.0	-900.1	-62933.7	
82.24		5982	-54192.2	-10848.5	-21412.6	-2127.0	-62986.2	
-67.75								

	NODE	Vxx	Vyy
Max	Cent	67.7	13.5
	5983	77.1	14.7
	5947	77.1	12.9
	5946	68.0	12.9
	5982	68.0	14.7
Min	Cent	-51.1	-17.3
	5983	-58.6	-18.1
	5947	-58.6	-19.8
	5946	-51.8	-19.8
	5982	-51.8	-18.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6137	2	12	c mob-a	Max	Cent	8.1	32.6	34.3	56.7	-16.1
54.83					1022	9.7	86.0	61.2	120.0	-24.2
60.97					1023	8.6	63.6	12.1	66.2	6.1
78.10					571	6.1	221.2	12.0	221.9	5.5
86.82					570	7.9	119.6	78.3	159.9	-32.5
62.74				Min	Cent	-46.8	-231.2	-5.2	-46.6	-231.4
-1.60					1022	-48.3	-506.1	-5.5	-48.3	-506.2
-0.69					1023	-43.0	-24.1	-14.2	-16.5	-50.6
-61.81					571	-48.2	-56.2	-27.7	-24.2	-80.2
-40.89					570	-57.4	-677.9	-8.3	-57.3	-678.1
-0.77										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	0.4	1.6	9.5	10.6	-8.5
46.81					1022	5.7	21.6	7.4	24.5	2.8
68.51					1023	2.8	35.9	5.0	36.7	2.1
81.59										

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43.11		571	3.7	2.2	10.7	13.7	-7.8
54.89		570	1.0	5.1	5.8	9.2	-3.1
-20.79	Min	Cent	-4.5	-13.2	-3.9	-3.0	-14.6
-23.88		1022	-1.9	-6.7	-2.6	-0.8	-7.9
-25.58		1023	-5.2	-8.6	-2.1	-4.2	-9.6
-3.39		571	-9.3	-58.6	-2.9	-9.1	-58.8
-7.18		570	-4.5	-41.2	-4.7	-3.9	-41.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1022	0.0	0.1
	1023	0.0	0.1
	571	0.0	0.1
	570	0.0	0.1
Min	Cent	-0.0	-0.0
	1022	-0.0	-0.0
	1023	-0.0	-0.0
	571	-0.0	-0.0
	570	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.97	c mob-b	Max	Cent	6.2	23.6	62.2	77.7	-47.9
52.14			1022	7.9	65.7	113.5	153.9	-80.3
82.83			1023	7.1	126.5	15.3	128.4	5.2
88.55			571	4.3	460.0	11.5	460.3	4.0
53.25			570	5.7	92.1	146.0	201.2	-103.3
-0.56		Min	Cent	-94.1	-439.6	-3.4	-94.1	-439.6
-0.22			1022	-100.4	-981.3	-3.4	-100.4	-981.3
-73.17			1023	-89.3	-22.1	-22.4	-15.3	-96.0
-56.53			571	-90.7	-46.0	-52.4	-11.4	-125.3
-0.26			570	-108.9	-1319.8	-5.6	-108.9	-1319.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
46.02	Max	Cent	0.3	1.2	12.6	13.4	-11.9	
71.67			1022	9.2	36.4	10.1	39.8	5.8
81.25			1023	2.6	47.3	7.1	48.4	1.5
41.08			571	6.5	2.5	14.7	19.3	-10.4
50.04			570	1.3	3.8	6.9	9.6	-4.5
	Min	Cent	-6.9	-24.4	-6.1	-5.0	-26.4	

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-17.48							
	1022	-1.6	-6.8	-4.0	0.6	-9.0	
-28.74							
	1023	-10.1	-15.3	-3.0	-8.7	-16.6	
-24.56							
	571	-11.0	-90.5	-4.2	-10.8	-90.7	
-2.99							
	570	-6.5	-74.3	-7.8	-5.6	-75.2	
-6.51							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1022	0.0	0.1
	1023	0.0	0.2
	571	0.0	0.1
	570	0.0	0.1
Min	Cent	-0.0	-0.0
	1022	-0.0	-0.0
	1023	-0.0	-0.0
	571	-0.0	-0.0
	570	-0.0	-0.0

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
	pp	Cent	-75.5	-384.1	60.9	-63.9	-395.7
10.78		1022	-69.6	-818.0	105.2	-55.1	-832.5
7.85		1023	-60.5	49.9	16.7	52.4	-63.0
81.61		571	-80.5	320.9	-11.0	321.2	-80.8
-88.43		570	-95.2	-1089.1	132.9	-77.7	-1106.5
7.48							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE						
	Cent	-5.7	-16.5	3.1	-4.8	-17.3
14.91	1022	3.3	21.4	-1.8	21.5	3.1
-84.23	1023	2.8	53.6	-4.8	54.0	2.4
-84.69	571	-9.8	-83.3	10.6	-8.3	-84.8
8.03	570	-4.1	-55.3	0.7	-4.1	-55.3
0.78						

	NODE	Vxx	Vyy
	Cent	0.0	0.1
	1022	0.0	0.1
	1023	0.0	0.2
	571	-0.0	0.1
	570	-0.0	0.1

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
	vento -y	Cent	-0.9	-5.3	1.1	-0.6	-5.5
13.58							

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9.28		1022	-0.6	-10.5	1.7	-0.4	-10.7
56.19		1023	-0.5	-0.0	0.6	0.3	-0.9
86.69		571	-1.2	3.2	0.3	3.2	-1.2
8.89		570	-1.4	-13.7	2.0	-1.0	-14.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		-----	-----	-----	-----	-----	-----
		Cent	-0.1	-0.3	0.2	-0.0	-0.4
33.93		1022	0.2	0.7	0.1	0.7	0.1
76.16		1023	0.0	1.2	0.1	1.2	0.0
87.13		571	-0.3	-1.9	0.2	-0.2	-1.9
8.21		570	-0.1	-1.0	0.0	-0.1	-1.0
2.00							
		NODE	Vxx	Vyy			
		-----	-----	-----			
		Cent	0.0	0.0			
		1022	0.0	0.0			
		1023	0.0	0.0			
		571	-0.0	0.0			
		570	-0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE		-----	-----	-----	-----	-----	-----
	cedime~1	Cent	-9.2	-48.7	5.9	-8.3	-49.6
8.27		1022	-8.8	-108.4	12.0	-7.4	-109.8
6.75		1023	-7.5	11.0	-0.2	11.0	-7.5
-89.31		571	-9.4	48.3	-4.0	48.6	-9.7
-86.02		570	-11.4	-145.7	15.8	-9.6	-147.5
6.61							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		-----	-----	-----	-----	-----	-----
		Cent	1.9	-1.7	-4.7	5.1	-4.9
-34.79		1022	-4.5	-12.5	-3.4	-3.3	-13.8
-19.91		1023	-3.9	-31.1	-1.2	-3.9	-31.1
-2.53		571	7.4	28.5	-5.9	30.1	5.9
-75.28		570	3.7	8.5	-3.2	10.1	2.1
-63.75							
		NODE	Vxx	Vyy			
		-----	-----	-----			
		Cent	-0.0	-0.0			
		1022	-0.0	-0.0			
		1023	-0.0	-0.1			
		571	0.0	-0.1			

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				570	0.0	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
9.64	perm	Cent	-39.8	-197.6	27.6	-35.1	-202.3	
7.32		1022	-37.9	-432.1	51.5	-31.2	-438.8	
87.01		1023	-33.0	36.9	3.7	37.1	-33.2	
-87.13		571	-41.0	183.4	-11.3	183.9	-41.6	
7.04		570	-48.9	-578.6	66.5	-40.7	-586.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-7.57		Cent	-1.8	-10.8	-1.2	-1.6	-11.0	
-86.66		1022	2.6	11.5	-0.5	11.5	2.6	
-86.27		1023	-4.5	2.9	-0.5	2.9	-4.5	
0.95		571	1.0	-27.1	0.5	1.0	-27.1	
-6.40		570	-1.7	-28.9	-3.1	-1.3	-29.2	
		NODE	Vxx	Vyy				
		Cent	0.0	0.0				
		1022	0.0	0.0				
		1023	0.0	0.0				
		571	-0.0	0.0				
		570	-0.0	0.0				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
30.39	INV TO~1	Max Cent	-28.9	-153.7	117.4	36.5	-219.1	
27.29		1022	-24.7	-316.0	216.7	80.9	-421.6	
84.50		1023	-21.3	218.6	24.3	220.9	-23.9	
89.94		571	-32.7	852.7	4.9	852.7	-32.7	
27.14		570	-38.2	-417.2	279.3	96.9	-552.3	
2.28		Min Cent	-176.1	-839.8	20.6	-175.0	-840.8	
1.90		1022	-182.2	-1865.3	44.1	-180.3	-1867.2	
-80.71		1023	-161.0	4.4	-26.8	8.7	-165.0	
-74.40		571	-172.8	107.5	-86.0	130.4	-193.9	
1.77		570	-207.3	-2506.0	55.3	-205.1	-2508.2	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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38.45          Max  Cent      0.6      -8.6      15.8      11.4      -17.2
75.01          1022     15.0      60.7      13.2      64.2      11.5
82.50          1023     -0.7      66.8      9.0       67.9      -1.9
33.25          571      17.2      4.7       20.3      26.7      -4.7
9.96           570      3.7      -13.4     6.3       4.3       -14.0
-15.08         Min  Cent     -11.1    -45.4    -14.2     -8.6     -50.4
-36.51         1022     -4.5    -10.2     -9.3      2.4      -17.1
-11.57         1023    -22.0    -48.8     -5.7     -20.9    -50.0
-2.17          571     -13.8   -149.2   -11.1    -13.6   -149.4
-6.48          570     -10.5   -129.1   -16.8     -8.9   -130.7
-----

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-----
          NODE      Vxx      Vyy
Max  Cent      0.0      0.2
     1022     0.1      0.2
     1023     0.1      0.2
     571     0.0      0.2
     570     0.0      0.2
Min  Cent     -0.0     -0.0
     1022    -0.0      0.0
     1023    -0.0     -0.0
     571    -0.0     -0.0
     570    -0.0      0.0
-----

```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
INV TO~2  Max  Cent     -28.9   -153.7   117.4     36.5    -219.1
30.39     1022    -24.7   -316.0   216.7     80.9    -421.6
27.29     1023    -21.3    218.6    24.3     220.9    -23.9
84.50     571     -32.7   852.7     4.9     852.7    -32.7
89.94     570     -38.2  -417.2   279.3     96.9   -552.3
27.14     Min  Cent    -176.1  -839.8    20.6   -175.0   -840.8
2.28     1022   -182.2 -1865.3   44.1   -180.3 -1867.2
1.90     1023   -161.0    4.4   -26.8     8.7   -165.0
-80.71    571   -172.8   107.5  -86.0    130.4  -193.9
-74.40    570   -207.3 -2506.0   55.3   -205.1 -2508.2
1.77
-----

```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
Max  Cent      0.6      -8.6      15.8      11.4      -17.2
38.45  1022     15.0      60.7      13.2      64.2      11.5
-----

```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

75.01							
-84.69		1023	3.8	72.3	9.0	72.9	3.2
33.25		571	17.2	4.7	20.3	26.7	-4.7
9.96		570	3.7	-13.4	6.3	4.3	-14.0
-15.08	Min	Cent	-11.1	-45.4	-14.2	-8.6	-50.4
-36.51		1022	-4.5	-10.2	-9.3	2.4	-17.1
-11.57		1023	-22.0	-48.8	-6.4	-20.9	-50.0
-2.17		571	-13.8	-149.2	-11.1	-13.6	-149.4
-6.48		570	-10.5	-129.1	-16.8	-8.9	-130.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	1022	0.1	0.2
	1023	0.1	0.2
	571	0.0	0.2
	570	0.0	0.2
Min	Cent	-0.0	-0.0
	1022	-0.0	0.0
	1023	-0.0	-0.0
	571	-0.0	-0.0
	570	-0.0	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6138	2	12	c mob-a	Max	Cent	2.1	10.9	24.0	30.9	-17.8
50.17					1707	2.7	37.3	24.0	49.5	-9.6
62.91					1708	2.7	1.6	24.0	26.1	-21.8
44.33					1023	3.1	1.6	24.0	26.3	-21.6
44.09					1022	3.1	37.3	24.0	49.6	-9.3
62.75				Min	Cent	-21.7	-131.4	-14.6	-19.8	-133.3
-7.45					1707	-21.3	-202.8	-14.6	-20.2	-204.0
-4.56					1708	-21.3	-80.5	-14.6	-17.9	-83.9
-13.12					1023	-26.9	-80.5	-14.6	-23.2	-84.2
-14.27					1022	-26.9	-202.8	-14.6	-25.7	-204.0
-4.71										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	0.6	2.0	4.6	5.9	-3.3
49.14					1707	4.2	15.1	3.8	16.3	3.0
72.41					1708	3.8	13.1	3.8	14.4	2.4
70.26					1023	7.0	32.5	3.4	32.9	6.6
82.50										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

53.35		1022	3.9	6.0	3.6	8.7	1.2
-45.01	Min	Cent	-0.2	-0.2	-11.5	11.3	-11.7
-40.35		1707	-1.2	-4.3	-9.4	6.8	-12.3
-20.95		1708	-5.4	-27.8	-10.0	-1.5	-31.6
-34.07		1023	-6.1	-13.1	-8.7	-0.2	-19.0
-28.16		1022	-3.7	-14.5	-8.1	0.6	-18.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1707	0.0	0.0
	1708	0.0	0.0
	1023	0.0	0.0
Min	1022	0.0	0.0
	Cent	-0.0	-0.0
	1707	-0.0	-0.0
	1708	-0.0	-0.1
	1023	-0.0	-0.1
1022	-0.0	-0.0	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
46.94	c mob-b	Max	Cent	1.8	7.2	40.0	44.6	-35.6
54.35		1707	1.5	28.6	40.0	57.3	-27.2	
45.19		1708	1.5	2.0	40.0	41.8	-38.3	
44.56		1023	3.2	2.0	40.0	42.7	-37.4	
53.78		1022	3.2	28.6	40.0	57.9	-26.1	
-5.79		Min	Cent	-46.9	-292.8	-25.2	-44.4	-295.3
-3.49		1707	-40.1	-450.9	-25.2	-38.6	-452.4	
-12.81		1708	-40.1	-145.1	-25.2	-34.4	-150.8	
-14.82		1023	-56.7	-145.1	-25.2	-50.0	-151.8	
-3.64		1022	-56.7	-450.9	-25.2	-55.1	-452.5	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
54.07	Max	Cent	1.1	3.6	3.8	6.4	-1.7
81.69		1707	8.5	30.3	3.2	30.8	8.1
70.63		1708	3.6	11.6	3.2	12.8	2.5
87.21		1023	12.8	71.6	2.9	71.8	12.7
62.68		1022	7.0	11.1	2.9	12.6	5.5
-44.88	Min	Cent	-0.1	-0.4	-23.8	23.6	-24.1
		1707	-2.7	-9.3	-19.4	13.7	-25.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.18							
	1708	-12.1	-63.5	-20.7	-4.8	-70.8	
-19.42							
	1023	-5.8	-11.6	-18.2	9.8	-27.1	
-40.49							
	1022	-7.5	-28.0	-17.0	2.1	-37.6	
-29.46							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1707	0.0	0.1
	1708	0.0	0.0
	1023	0.0	0.0
	1022	0.0	0.1
Min	Cent	-0.0	-0.1
	1707	-0.0	-0.0
	1708	-0.0	-0.1
	1023	-0.0	-0.1
	1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-27.6	-225.6	-19.4	-25.7	-227.4
-5.55		1707	-36.1	-321.9	-19.4	-34.8	-323.2
-3.87		1708	-36.1	-129.3	-19.4	-32.3	-133.1
-11.32		1023	-19.0	-129.3	-19.4	-15.7	-132.6
-9.70		1022	-19.0	-321.9	-19.4	-17.7	-323.1
-3.65							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	0.5	1.2	-13.4	14.2	-12.6
-45.71		1707	5.0	19.1	-12.6	26.5	-2.4
-59.51		1708	8.7	8.2	-13.7	22.2	-5.2
-44.53		1023	-8.6	-5.0	-12.8	6.1	-19.8
-49.05		1022	-3.1	-17.6	-11.8	3.5	-24.2
-29.11							

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	1707	-0.0	0.0
	1708	-0.0	0.0
	1023	0.0	0.0
	1022	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.2	-2.5	-0.8	0.1	-2.8
-17.26		1707	-0.5	-3.1	-0.8	-0.3	-3.3
-16.32							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-5.69	perm	Cent	-14.3	-112.6	-9.9	-13.3	-113.5
-3.56		1707	-18.1	-176.4	-9.9	-17.4	-177.0
-16.43		1708	-18.1	-48.7	-9.9	-15.1	-51.6
-13.70		1023	-10.5	-48.7	-9.9	-8.1	-51.1
-3.40		1022	-10.5	-176.4	-9.9	-9.9	-177.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.20		Cent	0.4	1.3	-10.3	11.2	-9.4
-59.59		1707	3.7	13.2	-8.5	18.2	-1.3
-21.37		1708	-3.7	-23.4	-9.1	-0.2	-27.0
-73.02		1023	5.0	28.0	-7.8	30.4	2.6
-28.39		1022	-3.1	-12.5	-7.2	0.7	-16.4
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		1707	-0.0	0.0			
		1708	-0.0	-0.1			
		1023	0.0	-0.1			
		1022	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.80	INV TO~1	Max Cent	-11.4	-97.9	44.2	7.2	-116.4
19.17		1707	-14.4	-126.1	44.2	0.9	-141.5
35.18		1708	-14.4	-34.8	44.2	16.7	-62.1
32.86		1023	-4.2	-34.8	44.2	22.4	-57.1
18.18		1022	-4.2	-126.1	44.2	8.4	-140.6
-5.76		Min Cent	-79.0	-522.2	-53.7	-73.2	-528.7
-4.09		1707	-76.8	-825.1	-53.7	-73.0	-829.0
-13.49		1708	-76.8	-244.6	-53.7	-61.7	-255.1
-14.56		1023	-87.0	-244.6	-53.7	-75.6	-256.0
-3.58		1022	-87.0	-825.1	-53.7	-84.3	-829.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Max	Cent	1.9	6.1	-4.1	48.3	-0.6
-44.86		1707	17.8	63.2	-3.3	64.7	16.3
-79.78		1708	1.4	-5.8	-3.9	3.1	-7.6
-23.86		1023	28.8	135.8	-3.1	136.3	28.3
-86.10		1022	6.3	2.5	-2.4	7.4	1.4
-25.41	Min	Cent	0.1	-0.4	-48.4	8.7	-48.6
-58.62		1707	0.1	0.7	-39.9	35.1	-34.4
-45.25		1708	-22.9	-120.4	-42.1	-7.2	-136.1
-20.43		1023	-3.3	10.3	-36.6	36.6	-29.6
-50.94		1022	-19.9	-64.3	-34.3	-1.2	-82.9
-28.56							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1707	-0.0	0.1
	1708	-0.0	-0.0
	1023	0.1	-0.0
	1022	0.1	0.1
Min	Cent	-0.0	-0.1
	1707	-0.0	-0.0
	1708	-0.0	-0.3
	1023	-0.0	-0.3
	1022	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

22.80	INV TO~2	Max	Cent	-11.4	-97.9	44.2	7.2	-116.4
19.17			1707	-14.4	-126.1	44.2	0.9	-141.5
35.18			1708	-14.4	-34.8	44.2	16.7	-62.1
32.86			1023	-4.2	-34.8	44.2	22.4	-57.1
18.18			1022	-4.2	-126.1	44.2	8.4	-140.6
-5.76		Min	Cent	-79.0	-522.2	-53.7	-73.2	-528.7
-4.09			1707	-76.8	-825.1	-53.7	-73.0	-829.0
-13.49			1708	-76.8	-244.6	-53.7	-61.7	-255.1
-14.56			1023	-87.0	-244.6	-53.7	-75.6	-256.0
-3.58			1022	-87.0	-825.1	-53.7	-84.3	-829.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-44.86	Max	Cent	1.9	6.1	-4.1	48.3	-0.6
-79.78		1707	17.8	63.2	-3.3	64.7	16.3
		1708	11.7	11.1	-3.9	29.9	-7.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-44.53								
		1023	28.8	135.8	-3.1	136.3	28.3	
-86.10								
		1022	6.3	2.5	-2.4	7.4	1.4	
-25.41								
	Min	Cent	0.1	-0.4	-48.4	8.7	-48.6	
-58.62								
		1707	0.1	0.7	-39.9	35.1	-34.4	
-45.25								
		1708	-22.9	-120.4	-42.1	-7.2	-136.1	
-20.43								
		1023	-11.7	-6.7	-36.6	8.3	-29.6	
-49.05								
		1022	-19.9	-64.3	-34.3	-1.2	-82.9	
-28.56								

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1707	-0.0	0.1
		1708	-0.0	0.0
		1023	0.1	0.0
		1022	0.1	0.1
Min	Cent		-0.0	-0.1
		1707	-0.0	-0.0
		1708	-0.0	-0.3
		1023	-0.0	-0.3
		1022	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6139	2	12	c mob-a	Max	Cent	0.6	5.2	18.0	21.0	-15.3
48.66										
64.74					2564	0.9	30.5	18.0	39.0	-7.6
50.90					2565	0.9	8.4	18.0	23.0	-13.7
51.19					1708	0.5	8.4	18.0	22.9	-13.9
64.92					1707	0.5	30.5	18.0	38.9	-7.9
-5.69				Min	Cent	-18.9	-134.7	-11.7	-17.7	-135.9
-6.50					2564	-18.0	-119.2	-11.7	-16.7	-120.5
-3.66					2565	-18.0	-199.9	-11.7	-17.3	-200.6
-3.70					1708	-20.3	-199.9	-11.7	-19.6	-200.6
-6.64					1707	-20.3	-119.2	-11.7	-19.0	-120.5

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1.3	2.9	3.5	5.7	-1.5
51.69							
79.08		2564	5.3	18.7	2.7	19.2	4.8
81.91		2565	7.4	27.1	2.9	27.5	7.0
66.27		1708	2.8	8.7	3.2	10.1	1.4
60.51		1707	1.7	5.3	3.0	7.0	0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-37.95	Min	Cent	-0.3	-1.9	-3.1	2.1	-4.3
-23.62		2564	-1.2	-6.7	-3.0	0.1	-8.0
-19.24		2565	-3.2	-9.9	-2.7	-2.2	-10.8
-8.42		1708	-3.0	-20.7	-2.7	-2.6	-21.0
-11.97		1707	-6.2	-19.4	-2.9	-5.5	-20.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2564	0.0	0.0
	2565	0.0	0.1
	1708	0.0	0.1
	1707	0.0	0.0
Min	Cent	-0.0	-0.0
	2564	-0.0	-0.0
	2565	-0.0	-0.0
	1708	-0.0	-0.0
	1707	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
48.66	c mob-b	Max	Cent	0.9	8.2	28.4	33.2	-24.0	
55.42			2564	0.7	22.3	28.4	41.8	-18.9	
60.81			2565	0.7	35.6	28.4	51.5	-15.2	
60.08			1708	2.6	35.6	28.4	52.0	-13.7	
54.54			1707	2.6	22.3	28.4	42.5	-17.6	
-4.79			Min	Cent	-38.7	-288.4	-21.0	-37.0	-290.1
-4.80				2564	-37.7	-286.7	-21.0	-35.9	-288.4
-3.78				2565	-37.7	-355.0	-21.0	-36.3	-356.4
-3.82				1708	-41.1	-355.0	-21.0	-39.7	-356.4
-4.86				1707	-41.1	-286.7	-21.0	-39.3	-288.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
59.64	Max	Cent	3.1	7.0	3.4	1.1	
84.39			2564	12.3	43.3	3.1	12.0
84.90			2565	13.9	49.7	3.2	13.6
49.76			1708	5.7	6.7	3.2	3.0
67.01			1707	2.7	8.4	3.0	1.4
-37.09	Min	Cent	-0.4	-3.2	-5.0	-7.0	
-27.25			2564	-2.2	-10.3	-5.7	-13.3
			2565	-2.5	-9.4	-4.9	-12.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-27.36		1708	-3.6	-32.8	-3.8	-3.1	-33.2
-7.22		1707	-11.9	-38.8	-4.3	-11.2	-39.5
-8.97							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2564	0.0	0.1
	2565	0.0	0.1
	1708	0.0	0.1
	1707	0.0	0.1
Min	Cent	-0.0	-0.0
	2564	-0.0	-0.0
	2565	-0.0	-0.0
	1708	-0.0	-0.0
	1707	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-16.4	-142.8	-14.3	-14.8	-144.4
-6.35		2564	-21.5	-184.8	-14.3	-20.2	-186.0
-4.95		2565	-21.5	-100.8	-14.3	-19.0	-103.3
-9.88		1708	-11.3	-100.8	-14.3	-9.1	-103.0
-8.83		1707	-11.3	-184.8	-14.3	-10.1	-185.9
-4.66							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	0.7	-2.0	2.6	2.3	-3.6
31.48	2564	5.7	20.6	0.4	20.7	5.7
88.42	2565	20.4	68.1	1.1	68.1	20.4
88.68	1708	-15.5	-72.5	0.1	-15.5	-72.5
0.12	1707	-7.9	-24.2	-0.6	-7.9	-24.2
-1.99						

	NODE	Vxx	Vyy
	Cent	-0.0	0.1
	2564	-0.0	0.1
	2565	-0.0	0.2
	1708	-0.0	0.2
	1707	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.0	-0.5	-0.7	0.5	-1.0
-36.61		2564	-0.2	-2.9	-0.7	-0.0	-3.0
-13.45		2565	-0.2	2.0	-0.7	2.2	-0.4
-73.74							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-71.91		1708	0.1	2.0	-0.7	2.2	-0.1
-12.37		1707	0.1	-2.9	-0.7	0.2	-3.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	0.0	-0.0	0.2	0.2	-0.2
42.67		2564	0.1	0.2	0.2	0.3	-0.0
54.66		2565	0.3	1.1	0.2	1.2	0.3
77.98		1708	-0.2	-1.1	0.2	-0.2	-1.1
11.99		1707	-0.1	-0.3	0.2	0.0	-0.4
32.29							

	NODE	Vxx	Vyy
-----	Cent	-0.0	0.0
	2564	0.0	0.0
	2565	0.0	0.0
	1708	-0.0	0.0
	1707	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-----		Cent	1.9	13.5	-12.1	21.1	-5.7
-57.81	cedime~1	2564	0.0	-46.4	-12.1	3.0	-49.3
-13.73		2565	0.0	73.4	-12.1	75.3	-1.9
-80.89		1708	3.8	73.4	-12.1	75.4	1.8
-80.44		1707	3.8	-46.4	-12.1	6.6	-49.1
-12.84							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

-----		Cent	0.3	0.3	0.8	1.0	-0.5
44.90		2564	0.9	1.8	0.4	2.0	0.7
70.01		2565	2.7	8.3	0.4	8.3	2.6
86.15		1708	-1.8	-7.4	0.5	-1.7	-7.5
5.06		1707	-0.6	-1.6	0.5	-0.4	-1.8
24.27							

	NODE	Vxx	Vyy
-----	Cent	-0.0	0.0
	2564	0.0	0.0
	2565	0.0	0.0
	1708	-0.0	0.0
	1707	-0.0	0.0

LC

	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	perm	Cent					
-7.73		2564	-8.0	-69.8	-8.5	-6.9	-71.0
-5.09		2565	-10.8	-106.0	-8.5	-10.0	-106.7
-18.38		1708	-10.8	-33.6	-8.5	-8.0	-36.5
-15.50		1707	-5.2	-33.6	-8.5	-2.9	-36.0
-4.81		1707	-5.2	-106.0	-8.5	-4.5	-106.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-22.57	Cent	0.4	-1.3	-0.8	0.7	-1.6
-87.12	2564	3.7	13.6	-0.5	13.6	3.6
-88.53	2565	3.2	9.3	-0.2	9.3	3.2
-3.70	1708	-0.4	-12.2	-0.8	-0.3	-12.2
-5.80	1707	-5.0	-15.9	-1.1	-4.9	-16.0

NODE	Vxx	Vyy
Cent	-0.0	0.0
2564	-0.0	0.0
2565	-0.0	0.0
1708	-0.0	0.0
1707	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
24.46	INV TO~1	Max	Cent	-4.8	-45.2	29.8	6.8	-51.9
23.59			2564	-9.5	-64.7	29.8	3.4	-77.7
80.00			2565	-9.5	87.8	29.8	90.9	-12.6
78.77			1708	2.1	87.8	29.8	91.3	-1.4
21.68			1707	2.1	-64.7	29.8	10.2	-76.6
-5.25		Min	Cent	-60.3	-459.1	-49.0	-56.9	-462.5
-4.86			2564	-61.6	-539.3	-49.0	-58.5	-544.3
-4.65			2565	-61.6	-512.8	-49.0	-58.6	-515.9
-4.64			1708	-60.7	-512.8	-49.0	-57.7	-515.8
-4.85			1707	-60.7	-539.3	-49.0	-57.6	-544.3

ANGLE

	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
55.48		Cent	4.8	8.4	4.6	11.6	2.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.63		2564	21.2	73.9	4.0	74.2	20.9
85.67		2565	24.6	84.6	4.6	85.0	24.3
21.18		1708	7.3	-0.5	4.0	8.7	-1.8
30.95		1707	-1.4	-4.5	3.4	0.3	-6.3
-34.04	Min	Cent	-0.2	-5.7	-7.6	4.7	-11.0
-43.09		2564	0.7	-0.4	-8.2	8.4	-8.1
-38.78		2565	-1.1	-4.1	-6.8	4.4	-9.5
-5.31		1708	-6.9	-63.8	-5.8	-6.5	-64.3
-7.53		1707	-21.8	-69.8	-7.0	-20.9	-70.6

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.2
	2564	0.0	0.2
	2565	0.0	0.2
	1708	-0.0	0.2
	1707	-0.0	0.2
Min	Cent	-0.0	0.0
	2564	-0.0	0.0
	2565	-0.0	-0.0
	1708	-0.0	-0.0
	1707	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
24.46	INV TO~2	Max	Cent	-4.8	-45.2	29.8	6.8	-51.9
23.59			2564	-9.5	-64.7	29.8	3.4	-77.7
80.00			2565	-9.5	87.8	29.8	90.9	-12.6
78.77			1708	2.1	87.8	29.8	91.3	-1.4
21.68			1707	2.1	-64.7	29.8	10.2	-76.6
-5.25		Min	Cent	-60.3	-459.1	-49.0	-56.9	-462.5
-4.86			2564	-61.6	-539.3	-49.0	-58.5	-544.3
-4.65			2565	-61.6	-512.8	-49.0	-58.6	-515.9
-4.64			1708	-60.7	-512.8	-49.0	-57.7	-515.8
-4.85			1707	-60.7	-539.3	-49.0	-57.6	-544.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
55.48	Max	Cent	4.8	8.4	4.6	11.6	2.1	
85.63			2564	21.2	73.9	4.0	74.2	20.9
88.68			2565	27.6	91.9	4.6	91.9	27.6
			1708	7.3	-0.5	4.0	8.7	-1.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

21.18			1707	-1.4	-4.5	3.4	0.3	-6.3
30.95		Min	Cent	-0.2	-5.7	-7.6	3.1	-11.0
31.48			2564	0.7	-0.4	-8.2	8.4	-8.1
-43.09			2565	-1.1	-4.1	-6.8	4.4	-9.5
-38.78			1708	-21.0	-97.9	-5.8	-21.0	-97.9
0.12			1707	-21.8	-69.8	-7.0	-20.9	-70.6
-7.53								

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.2
	2564	0.0	0.2
	2565	0.0	0.2
	1708	-0.0	0.2
	1707	-0.0	0.2
Min	Cent	-0.0	0.0
	2564	-0.0	0.0
	2565	-0.0	-0.0
	1708	-0.0	-0.0
	1707	-0.0	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6140	2	12	c mob-a	Max	Cent	4.1	4.7	21.7	26.1	-17.3
45.40					3143	14.7	46.0	21.7	57.1	3.6
62.89					3144	14.7	29.5	21.7	45.1	-0.8
54.44					2565	1.4	29.5	21.7	41.4	-10.4
61.46					2564	1.4	46.0	21.7	54.8	-7.4
67.87				Min	Cent	-29.4	-151.6	-10.1	-28.6	-152.4
-4.67					3143	-41.9	-79.3	-10.1	-39.4	-81.8
-14.13					3144	-41.9	-283.4	-10.1	-41.5	-283.8
-2.38					2565	-22.9	-283.4	-10.1	-22.5	-283.8
-2.21					2564	-22.9	-79.3	-10.1	-21.1	-81.0
-9.81										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	2.0	7.1	5.4	10.5	-1.4
57.76					3143	6.5	16.1	5.8	18.8	3.8
64.75					3144	12.1	41.7	5.7	42.8	11.1
79.45					2565	5.6	21.6	4.7	22.9	4.3
74.76					2564	1.6	3.0	4.8	7.1	-2.5
48.92				Min	Cent	-3.6	-11.4	-3.8	-2.0	-12.9
-22.41										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-31.92	3143	-2.9	-6.2	-3.4	-0.8	-8.3
-4.87	3144	-15.4	-52.9	-3.2	-15.1	-53.2
-13.43	2565	-9.2	-32.6	-5.9	-7.8	-34.0
-23.82	2564	-5.3	-15.9	-5.8	-2.8	-18.5

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	3143	0.0	0.0
	3144	0.0	0.1
	2565	0.0	0.1
	2564	0.0	0.0
Min	Cent	-0.0	-0.0
	3143	-0.0	-0.0
	3144	-0.0	-0.1
	2565	-0.0	-0.1
	2564	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.66	c mob-b	Max Cent	5.4	25.3	42.2	58.7	-28.0
51.68		3143	9.5	29.6	42.2	62.9	-23.8
63.25		3144	9.5	71.9	42.2	93.2	-11.7
64.25		2565	4.8	71.9	42.2	92.2	-15.5
53.18		2564	4.8	29.6	42.2	61.1	-26.7
-5.02		Min Cent	-56.9	-324.0	-23.6	-54.8	-326.1
-9.17		3143	-73.6	-216.3	-23.6	-69.8	-220.1
-3.23		3144	-73.6	-490.8	-23.6	-72.3	-492.1
-3.02		2565	-44.4	-490.8	-23.6	-43.1	-492.1
-7.69		2564	-44.4	-216.3	-23.6	-41.2	-219.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.46	Max Cent	1.9	6.7	7.0	11.7	-3.1
64.57	3143	11.1	29.5	11.3	34.9	5.7
77.68	3144	18.9	67.6	11.2	70.0	16.5
76.18	2565	9.5	36.6	7.1	38.3	7.8
52.45	2564	3.2	7.0	7.1	12.5	-2.2
-16.36	Min Cent	-8.1	-26.0	-5.8	-6.4	-27.7
-19.32	3143	-4.4	-12.0	-3.1	-3.3	-13.1
-1.95	3144	-34.4	-116.1	-2.8	-34.3	-116.2
	2565	-14.9	-53.4	-11.6	-11.7	-56.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.48
-25.30

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	3143	0.0	0.1
	3144	0.0	0.1
	2565	0.0	0.1
Min	2564	0.0	0.1
	Cent	-0.0	-0.1
	3143	-0.0	-0.0
	3144	-0.0	-0.2
	2565	-0.0	-0.2
	2564	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-3.97	pp	Cent	-10.3	-93.8	-5.8	-9.9	-94.2
-3.87		3143	-13.8	-99.5	-5.8	-13.4	-99.9
-4.46		3144	-13.8	-88.0	-5.8	-13.3	-88.4
-4.08		2565	-6.8	-88.0	-5.8	-6.3	-88.4
-3.58		2564	-6.8	-99.5	-5.8	-6.4	-99.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

44.64	Cent	0.2	-0.0	8.9	9.0	-8.8
71.69	3143	5.0	18.6	5.1	20.3	3.3
85.66	3144	30.0	93.7	4.9	94.1	29.7
4.90	2565	-27.6	-92.1	5.6	-27.1	-92.5
20.01	2564	-6.6	-20.3	5.8	-4.5	-22.4

	NODE	Vxx	Vyy
	Cent	-0.0	0.1
	3143	-0.0	0.0
	3144	-0.0	0.2
	2565	-0.0	0.2
	2564	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-64.42	vento -y	Cent	-0.3	1.3	-1.0	1.7	-0.7
-14.75		3143	-0.9	-4.3	-1.0	-0.7	-4.6
-83.02		3144	-0.9	6.9	-1.0	7.0	-1.0
-81.75		2565	0.3	6.9	-1.0	7.0	0.2

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		2564	0.3	-4.3	-1.0	0.5	-4.5
-11.26							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-0.0	-0.1	0.2	0.1	-0.2
41.04		3143	0.1	0.1	0.2	0.2	-0.1
43.78		3144	0.1	0.6	0.2	0.6	0.0
72.12		2565	-0.3	-0.8	0.1	-0.2	-0.8
12.32		2564	-0.0	-0.1	0.1	0.1	-0.2
34.59							
		NODE	Vxx	Vyy			

		Cent	0.0	0.0			
		3143	0.0	0.0			
		3144	0.0	0.0			
		2565	0.0	0.0			
		2564	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	-4.2	45.3	-18.1	51.2	-10.1
-71.88		3143	-18.0	-72.5	-18.1	-12.5	-78.0
-16.81		3144	-18.0	163.1	-18.1	164.9	-19.8
-84.34		2565	9.6	163.1	-18.1	165.2	7.5
-83.35		2564	9.6	-72.5	-18.1	13.4	-76.4
-11.92							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	-0.9	-3.1	-2.1	0.3	-4.3
-31.22		3143	2.2	1.3	-0.7	2.6	0.9
-28.64		3144	-6.5	-13.9	-0.6	-6.5	-14.0
-4.58		2565	1.5	4.3	-2.2	5.6	0.2
-61.30		2564	-0.9	-4.0	-2.3	0.4	-5.2
-28.24							
		NODE	Vxx	Vyy			

		Cent	0.0	-0.0			
		3143	0.0	0.0			
		3144	0.0	-0.0			
		2565	0.0	-0.0			
		2564	0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

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perm		Cent	Mxx	Myy	Mxy	Mmax	Mmin
-8.39		3143	-5.1	-41.8	-5.5	-4.2	-42.6
-5.46		3144	-7.7	-65.0	-5.5	-7.2	-65.6
-22.93		2565	-7.7	-18.5	-5.5	-5.4	-20.8
-17.25		2564	-2.4	-18.5	-5.5	-0.7	-20.2
-5.01		2564	-2.4	-65.0	-5.5	-1.9	-65.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

44.48		Cent	0.2	0.1	3.0	3.1	-2.9
76.82		3143	4.2	12.3	2.0	12.8	3.7
83.92		3144	8.0	26.1	2.0	26.3	7.8
8.63		2565	-7.0	-24.6	2.7	-6.6	-25.0
15.81		2564	-4.5	-13.6	2.8	-3.7	-14.4
		NODE	Vxx	Vyy			

		Cent	-0.0	0.0			
		3143	0.0	0.0			
		3144	0.0	0.1			
		2565	-0.0	0.1			
		2564	-0.0	0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

60.44	INV TO~1	Max Cent	2.2	37.7	51.4	56.6	-20.9
40.84		3143	12.1	-2.9	51.4	56.5	-47.3
82.49		3144	12.1	241.7	51.4	246.1	-10.3
81.87		2565	13.7	241.7	51.4	246.5	9.0
43.03		2564	13.7	-2.9	51.4	52.1	-50.9
-5.34		Min Cent	-86.1	-479.2	-55.6	-78.4	-482.7
-10.03		3143	-125.1	-429.5	-55.6	-115.3	-439.3
-7.90		3144	-125.1	-681.1	-55.6	-117.4	-683.5
-3.45		2565	-62.3	-681.1	-55.6	-60.0	-683.3
-7.13		2564	-62.3	-429.5	-55.6	-57.6	-437.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

52.67		Max Cent	2.8	9.6	12.4	19.1	-6.3
67.03		3143	21.3	53.5	17.3	60.5	14.3

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78.95		3144	33.5	117.3	17.0	120.7	30.2
68.59		2565	7.4	29.1	12.3	33.0	3.5
40.40		2564	-0.1	-4.2	12.4	10.4	-14.7
-13.68	Min	Cent	-11.7	-38.1	-6.8	-10.0	-39.8
-33.32		3143	-1.7	-3.9	-3.2	-0.1	-5.6
-1.72		3144	-44.9	-144.5	-3.0	-44.8	-144.6
-10.14		2565	-27.0	-96.6	-15.1	-24.7	-98.9
-18.11		2564	-19.0	-56.6	-15.0	-14.0	-61.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	3143	0.0	0.1
	3144	0.0	0.2
	2565	0.0	0.2
	2564	0.0	0.1
Min	Cent	-0.0	-0.1
	3143	-0.0	0.0
	3144	-0.0	-0.2
	2565	-0.0	-0.2
	2564	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
60.44	INV TO~2	Max	Cent	2.2	37.7	51.4	56.6	-20.9
40.84			3143	12.1	-2.9	51.4	56.5	-47.3
82.49			3144	12.1	241.7	51.4	246.1	-10.3
81.87			2565	13.7	241.7	51.4	246.5	9.0
43.03			2564	13.7	-2.9	51.4	52.1	-50.9
-5.34		Min	Cent	-86.1	-479.2	-55.6	-78.4	-482.7
-10.03			3143	-125.1	-429.5	-55.6	-115.3	-439.3
-7.90			3144	-125.1	-681.1	-55.6	-117.4	-683.5
-3.45			2565	-62.3	-681.1	-55.6	-60.0	-683.3
-7.13			2564	-62.3	-429.5	-55.6	-57.6	-437.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
52.67	Max	Cent	2.8	9.6	12.4	19.1	-6.3	
67.03			3143	21.3	53.5	17.3	60.5	14.3
85.66			3144	40.5	126.5	17.0	127.0	40.0
68.59			2565	7.4	29.1	12.3	33.0	3.5
			2564	-0.1	-4.2	12.4	10.4	-14.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

40.40								
-13.68	Min	Cent	-11.7	-38.1	-6.8	-10.0	-39.8	
-33.32			3143	-1.7	-3.9	-3.2	-0.1	-5.6
-1.72			3144	-44.9	-144.5	-3.0	-44.8	-144.6
4.90			2565	-37.2	-124.3	-15.1	-36.6	-124.9
-18.11			2564	-19.0	-56.6	-15.0	-14.0	-61.8

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	3143	0.0	0.1
	3144	0.0	0.3
	2565	0.0	0.3
	2564	0.0	0.1
Min	Cent	-0.0	-0.1
	3143	-0.0	0.0
	3144	-0.0	-0.2
	2565	-0.0	-0.2
	2564	-0.0	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
6141	2	12	c mob-a	Max	Cent	12.8	16.6	100.7	115.4	-85.9
45.53					5949	4.3	71.4	100.7	143.9	-68.3
54.21					6051	4.3	48.5	100.7	129.5	-76.7
51.20					3144	26.6	48.5	100.7	138.8	-63.7
48.10					3143	26.6	71.4	100.7	152.1	-54.1
51.26				Min	Cent	-61.6	-210.4	-62.5	-38.8	-233.2
-20.01					5949	-59.7	-30.7	-62.5	19.0	-109.4
-51.52					6051	-59.7	-472.0	-62.5	-50.4	-481.2
-8.44					3144	-66.0	-472.0	-62.5	-56.6	-481.4
-8.56					3143	-66.0	-30.7	-62.5	16.6	-113.3
-52.87										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	16.6	56.5	17.7	63.2	9.9
69.26					5949	5.7	34.8	11.9	39.1	1.4
70.31					6051	112.4	356.2	12.3	356.8	111.8
87.13					3144	28.3	101.5	31.0	112.9	16.9
69.89					3143	3.2	13.8	30.7	39.7	-22.7
49.91				Min	Cent	-9.2	-29.4	-15.0	-1.3	-37.3
-28.01					5949	-4.1	-10.7	-23.0	15.8	-30.7
-40.93										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-8.92	6051	-66.8	-210.2	-23.1	-63.2	-213.8
-10.39	3144	-44.7	-150.8	-20.1	-41.1	-154.4
-33.15	3143	-6.4	-23.9	-20.0	6.7	-37.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.3
	5949	0.0	0.1
	6051	0.0	0.7
	3144	0.0	0.7
Min	3143	0.0	0.1
	Cent	-0.0	-0.2
	5949	-0.0	-0.0
	6051	-0.0	-0.4
	3144	-0.0	-0.4
	3143	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
47.21	c mob-b	Max Cent	21.7	63.8	272.6	316.2	-230.7
51.95		5949	17.9	152.8	272.6	366.2	-195.5
53.79		6051	17.9	190.7	272.6	390.3	-181.7
53.32		3144	27.7	190.7	272.6	393.8	-175.3
51.46		3143	27.7	152.8	272.6	370.0	-189.5
-10.00	Min	Cent	-144.1	-554.0	-74.6	-130.9	-567.1
-54.71		5949	-153.6	-101.1	-74.6	-48.3	-206.4
-3.95		6051	-153.6	-1227.8	-74.6	-148.5	-1233.0
-3.89		3144	-137.4	-1227.8	-74.6	-132.4	-1232.9
-51.85		3143	-137.4	-101.1	-74.6	-42.5	-196.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
69.93	Max	Cent	40.4	136.2	40.4	25.6
74.08		5949	9.0	69.2	18.7	3.7
88.11		6051	271.7	855.2	19.3	271.1
59.72		3144	30.4	112.8	73.0	-12.2
48.67		3143	6.3	25.0	72.6	-57.5
-30.35	Min	Cent	-9.5	-30.0	-18.3	-40.8
-40.25		5949	-9.8	-27.0	-51.4	-70.6
-17.50		6051	-69.6	-216.6	-51.5	-232.9
-5.30		3144	-105.6	-353.1	-23.2	-355.3
		3143	-11.3	-44.8	-23.0	-56.5

PROJECT TITLE :

	Company		Client	
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-26.97

	NODE	Vxx	Vyy
Max	Cent	0.0	0.8
	5949	0.0	0.2
	6051	0.0	1.6
	3144	0.0	1.6
	3143	0.0	0.2
Min	Cent	-0.0	-0.2
	5949	-0.1	-0.1
	6051	-0.1	-0.4
	3144	-0.0	-0.4
	3143	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.97	pp	Cent	-9.6	-52.7	-16.8	-3.8	-58.5
-24.13		5949	-17.7	-47.6	-16.8	-10.1	-55.2
-20.00		6051	-17.7	-57.7	-16.8	-11.5	-63.8
-15.43		3144	-1.5	-57.7	-16.8	3.2	-62.3
-18.02		3143	-1.5	-47.6	-16.8	4.0	-53.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
50.92	Cent	0.1	6.5	15.3	18.9	-12.3
74.90	5949	7.3	44.4	10.8	47.3	4.4
83.73	6051	42.8	152.0	12.1	153.3	41.5
5.84	3144	-40.5	-141.4	10.4	-39.4	-142.4
21.33	3143	-9.3	-29.1	9.1	-5.8	-32.6

	NODE	Vxx	Vyy
	Cent	-0.0	0.2
	5949	-0.0	0.1
	6051	-0.0	0.4
	3144	-0.0	0.4
	3143	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.20	vento -y	Cent	-0.5	0.7	2.6	2.8	-2.6
42.97		5949	0.1	-0.2	2.6	2.6	-2.7
52.70		6051	0.1	1.6	2.6	3.6	-1.8
58.53		3144	-1.1	1.6	2.6	3.2	-2.7
49.67		3143	-1.1	-0.2	2.6	2.0	-3.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-70.54		Cent	0.1	0.2	-0.1	0.2	0.0
-65.66		5949	0.0	0.3	-0.2	0.4	-0.1
-75.19		6051	0.3	0.9	-0.2	0.9	0.3
26.83		3144	-0.1	-0.1	0.0	-0.1	-0.1
3.70		3143	-0.0	-0.2	0.0	-0.0	-0.2

NODE	Vxx	Vyy
Cent	0.0	0.0
5949	-0.0	0.0
6051	-0.0	0.0
3144	0.0	0.0
3143	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
48.51	cedime~1	Cent	-14.3	3.6	72.8	68.0	-78.6
42.28		5949	1.9	-12.0	72.8	68.1	-78.1
48.39		6051	1.9	19.2	72.8	83.9	-62.7
54.43		3144	-30.5	19.2	72.8	71.3	-82.5
48.63		3143	-30.5	-12.0	72.8	52.1	-94.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-55.78		Cent	2.2	7.3	-6.5	11.7	-2.2
-58.63		5949	-2.2	7.6	-9.5	13.5	-8.0
-52.10		6051	9.3	14.2	-9.7	21.8	1.8
-77.91		3144	2.1	14.7	-2.8	15.3	1.5
-18.95		3143	-0.3	-7.3	-2.7	0.6	-8.2

NODE	Vxx	Vyy
Cent	-0.0	0.0
5949	-0.0	0.0
6051	-0.0	-0.0
3144	0.0	-0.0
3143	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	-1.7	-14.0	-13.2	6.6	-22.4

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	Company		Client	
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-32.47							
		5949	-4.1	-40.3	-13.2	0.2	-44.6
-17.98							
		6051	-4.1	12.2	-13.2	19.5	-11.4
-60.88							
		3144	0.6	12.2	-13.2	20.8	-8.0
-56.94							
		3143	0.6	-40.3	-13.2	4.4	-44.2
-16.38							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	0.6	4.0	7.4	9.9	-5.3
51.61							
		5949	0.9	24.4	5.2	25.5	-0.2
77.98							
		6051	23.3	67.1	5.7	67.8	22.6
82.64							
		3144	-17.0	-57.1	5.9	-16.1	-58.0
8.25							
		3143	-5.0	-18.3	5.4	-3.1	-20.2
19.67							

		NODE	Vxx	Vyy
		Cent	-0.0	0.1
		5949	-0.0	0.1
		6051	-0.0	0.2
		3144	0.0	0.2
		3143	0.0	0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~1	Max	Cent	27.5	75.8	427.7	473.4	-305.8
47.09									
				5949	22.1	166.0	427.7	520.8	-241.5
49.38									
				6051	22.1	288.9	427.7	603.5	-231.3
53.66									
				3144	38.0	288.9	427.7	598.5	-219.5
54.10									
				3143	38.0	166.0	427.7	514.7	-245.2
49.86									
			Min	Cent	-210.5	-761.9	-113.8	-207.5	-784.0
-4.26									
				5949	-211.5	-188.7	-113.8	-156.8	-344.7
-52.12									
				6051	-211.5	-1645.3	-113.8	-208.3	-1654.3
-1.66									
				3144	-215.4	-1645.3	-113.8	-214.2	-1654.2
-1.67									
				3143	-215.4	-188.7	-113.8	-158.9	-353.1
-54.01									

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	57.3	195.2	61.9	214.8	37.7
70.60									
				5949	13.1	125.5	30.5	129.2	7.2
79.96									
				6051	399.5	1235.8	31.7	1236.4	398.9
88.49									

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56.19		3144	26.1	109.8	104.4	177.9	-41.9
46.66		3143	3.5	15.5	103.5	113.1	-88.4
-27.51	Min	Cent	-12.3	-36.5	-23.8	-3.2	-45.6
-45.06		5949	-14.6	-12.1	-73.7	52.0	-83.4
-19.74		6051	-70.7	-225.4	-73.4	-47.8	-248.3
-3.86		3144	-159.6	-533.8	-28.2	-157.9	-535.6
-20.60		3143	-20.7	-86.0	-28.3	-10.7	-96.6

	NODE	Vxx	Vyy
Max	Cent	0.0	1.2
	5949	0.0	0.3
	6051	0.0	2.3
	3144	0.0	2.3
	3143	0.0	0.3
Min	Cent	-0.1	-0.2
	5949	-0.1	-0.0
	6051	-0.1	-0.4
	3144	-0.0	-0.4
	3143	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
47.09	INV TO~2	Max	Cent	27.5	75.8	427.7	473.4	-78.9
49.38			5949	22.1	166.0	427.7	520.8	-74.5
53.66			6051	22.1	288.9	427.7	603.5	-86.2
54.10			3144	38.0	288.9	427.7	598.5	-84.2
49.86			3143	38.0	166.0	427.7	514.7	-71.7
-4.26		Min	Cent	-210.5	-761.9	-113.8	-207.5	-784.0
-52.12			5949	-211.5	-188.7	-113.8	-156.8	-344.7
-1.66			6051	-211.5	-1645.3	-113.8	-208.3	-1654.3
-1.67			3144	-215.4	-1645.3	-113.8	-214.2	-1654.2
-54.01			3143	-215.4	-188.7	-113.8	-158.9	-353.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
70.60	Max	Cent	57.3	195.2	61.9	214.8	37.7	
79.96			5949	13.1	125.5	30.5	129.2	7.2
88.49			6051	399.5	1235.8	31.7	1236.4	398.9
56.19			3144	26.1	109.8	104.4	177.9	-41.9
46.66			3143	3.5	15.5	103.5	113.1	-44.0
	Min	Cent	-12.3	-36.5	-23.8	-3.2	-45.6	

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-27.51						
	5949	-14.6	-12.1	-73.7	52.0	-83.4
-45.06						
	6051	-70.7	-225.4	-73.4	-47.8	-248.3
-19.74						
	3144	-159.6	-533.8	-28.2	-157.9	-535.6
-3.86						
	3143	-20.7	-86.0	-28.3	-10.7	-96.6
-20.60						

	NODE	Vxx	Vyy
Max	Cent	0.0	1.2
	5949	0.0	0.3
	6051	0.0	2.3
	3144	0.0	2.3
	3143	0.0	0.3
Min	Cent	-0.1	-0.2
	5949	-0.1	-0.0
	6051	-0.1	-0.4
	3144	-0.0	-0.4
	3143	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6142	2	12	c mob-a	Max	Cent	0.7	19.2	158.2	168.5	-148.5
46.68					1020	3.4	7.5	174.7	180.1	-169.2
45.34					1021	3.5	42.2	142.2	166.3	-120.6
48.87					568	9.4	61.7	132.4	170.5	-99.4
50.58					567	8.6	6.8	185.0	192.7	-177.4
44.85				Min	Cent	-99.9	-593.4	-20.5	-99.0	-594.3
-2.37					1020	-63.2	-772.3	-17.6	-62.8	-772.7
-1.42					1021	-59.3	-427.3	-23.8	-57.8	-428.8
-3.68					568	-148.9	-328.3	-25.9	-145.3	-331.9
-8.05					567	-154.5	-889.1	-15.9	-154.2	-889.4
-1.24										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
44.17				Max	Cent	0.5	0.1	8.1	8.3	-7.8
78.33					1020	16.9	42.6	5.6	43.8	15.7
85.38					1021	9.4	63.1	4.4	63.5	9.1
49.37					568	5.1	9.0	12.6	19.8	-5.7
42.32					567	7.2	6.2	5.7	12.4	1.0
-38.26				Min	Cent	-8.2	-12.7	-9.4	-0.8	-20.0
-41.35					1020	-3.4	-5.4	-7.9	3.6	-12.4
-32.95					1021	-3.1	-11.8	-9.7	3.2	-18.1

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-5.25	568	-15.9	-81.6	-6.1	-15.4	-82.2
-7.97	567	-31.9	-72.1	-5.8	-31.1	-72.9

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1020	0.0	0.1
	1021	0.0	0.2
	568	0.0	0.1
Min	567	0.0	0.1
	Cent	-0.0	-0.0
	1020	-0.0	-0.0
	1021	-0.0	-0.0
	568	-0.1	-0.0
	567	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.03	c mob-b	Max	Cent	1.0	34.7	158.5	177.2	-141.5
45.76		1020	4.3	13.7	176.9	185.9	-167.9	
53.91		1021	4.4	95.8	142.2	199.5	-99.3	
58.61		568	17.3	153.8	132.7	234.7	-63.6	
44.53		567	15.2	8.9	188.5	200.6	-176.4	
-5.40		Min	Cent	-104.7	-617.8	-49.0	-100.1	-622.4
-3.12		1020	-87.3	-818.8	-40.0	-85.1	-821.0	
-9.29		1021	-82.3	-431.4	-58.7	-72.7	-441.0	
-18.30		568	-153.2	-328.4	-65.1	-131.6	-350.0	
-2.50		567	-159.4	-952.4	-34.7	-157.9	-953.9	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
42.61	Max	Cent	1.8	0.2	9.8	10.8	-8.8
78.98		1020	26.1	56.0	6.1	57.2	24.9
87.97		1021	10.9	72.2	2.2	72.2	10.8
59.67		568	8.9	24.9	14.3	33.2	0.5
39.51		567	6.8	4.1	7.1	12.7	-1.7
-39.23	Min	Cent	-9.1	-13.9	-11.7	0.4	-23.5
-42.62		1020	-2.7	-4.3	-9.4	6.0	-12.9
-26.40		1021	-5.0	-25.0	-13.2	1.6	-31.6
-7.71		568	-18.1	-90.8	-10.0	-16.7	-92.2
-9.65		567	-42.4	-85.8	-7.6	-41.1	-87.1

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1020	0.0	0.1
	1021	0.0	0.2
	568	0.0	0.2
	567	0.0	0.1
Min	Cent	-0.0	-0.0
	1020	-0.0	-0.0
	1021	-0.0	-0.1
	568	-0.1	-0.1
	567	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
9.45	pp	Cent	-110.2	-547.5	74.9	-97.7	-560.0
7.94		1020	-106.2	-848.8	105.7	-91.5	-863.5
15.56		1021	-100.0	-246.3	44.2	-87.7	-258.6
68.92		568	-113.4	-58.2	25.0	-48.6	-123.0
7.65		567	-123.6	-1036.9	124.8	-106.8	-1053.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-22.37	Cent	-6.2	-12.4	-3.1	-5.0	-13.7
-81.80	1020	23.1	44.4	-3.1	44.8	22.7
-77.68	1021	3.9	38.8	-8.0	40.5	2.2
3.00	568	-6.8	-57.9	2.7	-6.6	-58.1
-2.18	567	-37.5	-72.3	-1.3	-37.4	-72.3

	NODE	Vxx	Vyy
	Cent	-0.0	0.1
	1020	0.0	0.1
	1021	0.0	0.1
	568	-0.1	0.1
	567	-0.1	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
25.69	vento -y	Cent	-0.3	-10.7	6.5	2.8	-13.9
26.35		1020	2.5	-6.8	6.1	5.6	-9.8
19.44		1021	2.5	-14.7	6.9	4.9	-17.1
23.39		568	-3.7	-17.2	7.2	-0.6	-20.3
43.26		567	-3.6	-4.3	5.9	1.9	-9.8

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	Vxx	Vyy	Fxx	Fyy	Fxy	Fmax	Fmin
42.71	-0.0	-0.1	0.4	0.4	-0.5			
44.28	1020	-0.6	-0.6	0.3	-0.3	-0.8		
73.89	1021	0.2	1.1	0.3	1.1	0.2		
22.58	568	-0.4	-1.3	0.5	-0.2	-1.5		
25.48	567	0.9	0.4	0.3	1.0	0.3		

NODE Vxx Vyy

Cent	0.0	0.0
1020	-0.0	-0.0
1021	-0.0	0.0
568	0.0	0.0
567	0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-70.41	cedime~1	Cent	63.3	471.8	-166.5	531.0	4.1
-73.26		1020	4.0	523.6	-171.8	575.2	-47.6
-71.15		1021	3.0	420.0	-161.2	475.0	-52.1
-64.46		568	132.6	387.6	-157.9	463.1	57.2
-70.14		567	134.3	555.9	-175.1	619.1	71.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-47.33	Cent	5.8	7.4	-9.8	16.5	-3.2
-26.49	1020	9.7	1.2	-5.7	12.5	-1.6
-6.51	1021	-7.2	-40.1	-3.8	-6.8	-40.6
-73.94	568	12.9	53.2	-12.6	56.8	9.3
-69.84	567	-0.9	15.5	-7.0	18.1	-3.4

NODE Vxx Vyy

Cent	0.0	-0.1
1020	0.0	-0.0
1021	0.0	-0.1
568	-0.0	-0.1
567	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.40	perm	Cent	-37.8	-174.4	15.5	-36.0	-176.1
		1020	-40.8	-282.7	26.6	-37.9	-285.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.93			567	-12.0	-11.3	7.6	-8.8	-13.1
-38.88	Min	Cent		-15.3	-23.6	-29.0	0.2	-42.1
-52.15			1020	8.1	16.0	-21.2	28.2	-4.0
-24.41			1021	-12.6	-59.5	-26.8	-0.5	-71.6
-6.90			568	-26.0	-143.4	-27.1	-24.3	-145.1
-9.36			567	-80.0	-151.0	-19.1	-77.1	-153.0

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.2
	1020	0.1	0.2
	1021	0.1	0.3
	568	-0.0	0.2
	567	-0.0	0.2
Min	Cent	-0.1	-0.0
	1020	0.0	0.0
	1021	0.0	-0.1
	568	-0.2	-0.1
	567	-0.2	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
79.18	INV TO~2	Max	Cent	26.9	344.2	229.4	356.2	14.8
73.59			1020	-30.9	259.3	265.3	286.9	-58.4
86.08			1021	-29.6	483.2	196.5	485.6	-32.1
87.74			568	122.2	596.8	176.6	597.5	121.5
56.97			567	117.4	217.6	287.9	291.0	44.0
-3.48		Min	Cent	-179.1	-1008.4	-217.0	-176.0	-1011.5
-1.28			1020	-158.6	-1388.2	-199.2	-158.0	-1388.8
-8.34			1021	-149.7	-648.5	-235.9	-138.7	-659.4
-20.95			568	-240.5	-441.8	-248.2	-205.9	-476.4
-0.56			567	-252.6	-1636.0	-188.5	-252.5	-1636.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-41.69	Max	Cent	5.3	2.8	9.7	16.4	2.8	
-89.56		1020	57.6	100.2	5.3	100.2	57.6	
89.56		1021	16.0	111.9	0.7	111.9	16.0	
82.48		568	23.3	66.0	18.4	66.8	22.5	
22.93		567	-12.0	-11.3	7.6	-8.8	-13.1	
-22.37		Min	Cent	-15.3	-23.6	-29.0	-6.7	-42.1
			1020	8.1	16.0	-21.2	28.2	-4.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-52.15							
	1021	-12.6	-59.5	-26.8	-0.5	-71.6	
-24.41							
	568	-26.0	-143.4	-27.1	-24.3	-145.1	
-6.90							
	567	-80.0	-151.0	-19.1	-77.1	-153.0	
-9.36							

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.2
	1020	0.1	0.2
	1021	0.1	0.3
	568	-0.0	0.2
	567	-0.0	0.2
Min	Cent	-0.1	-0.0
	1020	0.0	0.0
	1021	0.0	-0.1
	568	-0.2	-0.1
	567	-0.2	0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6143	2	12	c mob-a	Max	Cent	0.2	28.4	12.3	33.0	-4.4
69.45					1705	3.7	2.2	12.3	15.3	-9.4
43.26					1706	3.7	62.3	12.3	64.8	1.2
78.62					1021	12.1	62.3	12.3	65.2	9.3
76.95					1020	12.1	2.2	12.3	20.4	-6.1
34.03				Min	Cent	-54.4	-462.7	-74.3	-41.3	-475.8
-10.00					1705	-88.0	-329.5	-74.3	-67.0	-350.5
-15.80					1706	-88.0	-601.7	-74.3	-77.5	-612.2
-8.06					1021	-31.7	-601.7	-74.3	-22.2	-611.2
-7.30					1020	-31.7	-329.5	-74.3	-14.2	-347.0
-13.26										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	2.6	2.7	6.1	8.8	-3.4
	1705	10.2	25.2	4.7	26.5	8.9
	1706	18.6	54.8	4.4	55.4	18.1
	1021	5.8	20.1	4.1	21.2	4.7
	1020	8.4	13.5	4.4	16.1	5.9
Min	Cent	-0.6	-0.9	-5.3	4.6	-6.1
	1705	-4.0	-10.5	-4.6	-1.7	-12.9
	1706	-5.0	-18.1	-4.5	-3.6	-19.5
	1021	-19.7	-55.5	-4.8	-19.1	-56.1

PROJECT TITLE :

	Company		Client	
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Max	Cent	0.0	0.1
	1705	0.0	0.0
	1706	0.0	0.1
	1021	0.0	0.1
	1020	0.0	0.0
Min	Cent	-0.0	-0.0
	1705	-0.0	-0.0
	1706	-0.0	-0.1
	1021	-0.0	-0.1
	1020	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-10.60	pp	Cent	-53.0	-304.0	-48.7	-43.9	-313.1
-10.97		1705	-74.9	-316.6	-48.7	-65.5	-326.1
-12.11		1706	-74.9	-291.4	-48.7	-64.5	-301.8
-10.25		1021	-31.0	-291.4	-48.7	-22.2	-300.2
-9.41		1020	-31.0	-316.6	-48.7	-23.0	-324.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
32.96	Cent	4.0	1.4	2.9	5.9	-0.5
51.82	1705	2.9	3.8	2.0	5.4	1.3
80.71	1706	12.5	24.9	2.1	25.2	12.2
4.65	1021	-11.1	-25.2	1.2	-11.0	-25.3
6.27	1020	11.9	2.3	1.1	12.0	2.2

NODE	Vxx	Vyy
Cent	0.0	0.0
1705	-0.0	0.0
1706	-0.0	0.0
1021	0.0	0.0
1020	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-14.21	vento -y	Cent	-0.1	-11.4	-3.1	0.7	-12.1
-39.43		1705	-2.0	-3.2	-3.1	0.5	-5.7
-9.65		1706	-2.0	-19.5	-3.1	-1.5	-20.0
-7.97		1021	1.9	-19.5	-3.1	2.3	-19.9
-24.97		1020	1.9	-3.2	-3.1	3.3	-4.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
42.02          Cent      -0.0      -0.1      0.2      0.1      -0.2
73.50          1705       0.4       0.8       0.1       0.8       0.3
85.91          1706       0.6       1.8       0.1       1.8       0.6
5.92           1021      -0.5      -1.8       0.1      -0.5      -1.8
18.31          1020      -0.6      -1.0       0.2      -0.5      -1.1
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      -0.0      0.0
          1705       0.0      0.0
          1706       0.0      0.0
          1021      -0.0      0.0
          1020      -0.0      0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1      Cent      32.6     414.2     52.5     421.3     25.5
82.30          1705       70.7     191.0     52.5     210.7     51.0
69.43          1706       70.7     637.4     52.5     642.3     65.9
84.75          1021      -5.4     637.4     52.5     641.7     -9.7
85.36          1020      -5.4     191.0     52.5     204.2    -18.6
75.93
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent      1.0      1.3     -3.7      4.9     -2.6
-46.40         1705     -10.2    -23.3     -2.5     -9.8    -23.8
-10.48         1706     -16.4    -49.2     -1.3    -16.3    -49.3
-2.29          1021      16.6     50.2     -2.2     50.3     16.4
-86.28         1020      13.9     27.7     -3.4     28.5     13.1
-76.93
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      0.0     -0.1
          1705     -0.0     -0.0
          1706     -0.0     -0.1
          1021      0.0     -0.1
          1020      0.0     -0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm          Cent     -18.6    -90.0    -12.2    -16.6    -92.0
-9.43         1705     -23.1   -108.8    -12.2    -21.4   -110.5
-7.95         1706     -23.1    -71.3    -12.2    -20.2    -74.2
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-13.43
-11.55
-7.22

```

ANGLE

```

      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----

```

```

      Cent      1.7      1.1      0.4      1.9      1.0
24.92
      1705     -0.2      0.3      0.2      0.4     -0.3
74.10
      1706      3.4      6.0      0.5      6.1      3.3
80.33
      1021     -3.1     -5.7     -0.3     -3.1     -5.8
-6.26
      1020      6.9      3.9     -0.6      7.0      3.8
-10.87

```

```

      NODE      Vxx      Vyy
-----
      Cent      0.0      0.0
      1705     -0.0     -0.0
      1706     -0.0      0.0
      1021      0.0      0.0
      1020      0.0     -0.0

```

ANGLE

```

      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----

```

```

      INV TO~1  Max  Cent      14.5     404.2     64.5     414.7      4.1
80.84
      1705      57.6      89.9     64.5     140.2      7.2
52.01
      1706      57.6     761.3     64.5     767.1     51.8
84.80
      1021      6.1     761.3     64.5     766.7      4.9
85.19
      1020      6.1      89.9     64.5     123.7     -33.2
62.33
      Min  Cent     -92.0    -714.6   -124.1    -68.2    -738.5
-10.87
      1705    -146.4   -576.3   -124.1   -113.2   -609.5
-15.00
      1706    -146.4   -883.5   -124.1   -126.1   -903.9
-9.31
      1021     -66.3   -883.5   -124.1    -42.6   -901.9
-8.40
      1020     -66.3   -576.3   -124.1    -51.0   -604.6
-12.09

```

ANGLE

```

      NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----

```

```

      Max  Cent      7.1      6.8     11.6     17.5     -1.0
44.17
      1705     14.9     35.3      8.8     38.6     11.7
69.70
      1706     30.3     87.4      8.6     88.6     29.0
81.61
      1021     26.5     86.5      7.2     86.9     26.1
85.27
      1020     40.8     54.5      7.4     55.6     39.7
74.69

```

PROJECT TITLE :

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-43.18	Min	Cent	0.9	-0.1	-12.0	8.7	-10.5
-21.88		1705	-17.7	-37.2	-9.3	-14.0	-41.0
-7.21		1706	-23.3	-81.8	-7.5	-22.3	-82.8
-7.67		1021	-33.7	-89.4	-9.8	-32.7	-90.4
-17.14		1020	-2.2	-26.4	-11.6	0.4	-28.9

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1705	0.0	0.1
	1706	0.0	0.2
	1021	0.1	0.2
	1020	0.1	0.1
Min	Cent	0.0	-0.1
	1705	-0.0	-0.1
	1706	-0.0	-0.2
	1021	0.0	-0.2
	1020	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
80.84	INV TO~2	Max	Cent	14.5	404.2	64.5	414.7	4.1	
52.01			1705	57.6	89.9	64.5	140.2	7.2	
84.80			1706	57.6	761.3	64.5	767.1	51.8	
85.19			1021	6.1	761.3	64.5	766.7	4.9	
62.33			1020	6.1	89.9	64.5	123.7	-33.2	
-10.87			Min	Cent	-92.0	-714.6	-124.1	-68.2	-738.5
-15.00				1705	-146.4	-576.3	-124.1	-113.2	-609.5
-9.31				1706	-146.4	-883.5	-124.1	-126.1	-903.9
-8.40				1021	-66.3	-883.5	-124.1	-42.6	-901.9
-12.09				1020	-66.3	-576.3	-124.1	-51.0	-604.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
44.17	Max	Cent	7.1	6.8	11.6	17.5	-0.6	
69.70			1705	14.9	35.3	8.8	38.6	11.7
81.61			1706	30.3	87.4	8.6	88.6	29.0
85.27			1021	26.5	86.5	7.2	86.9	26.1
74.69			1020	40.8	54.5	7.4	55.6	39.7
32.96	Min	Cent	0.9	-0.1	-12.0	8.0	-10.5	
-21.88			1705	-17.7	-37.2	-9.3	-14.0	-41.0
			1706	-23.3	-81.8	-7.5	-22.3	-82.8

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-7.21							
	1021	-33.7	-89.4	-9.8	-32.7	-90.4	
-7.67							
	1020	-2.2	-26.4	-11.6	0.4	-28.9	
-17.14							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	1705	0.0	0.1
	1706	0.0	0.2
	1021	0.1	0.2
	1020	0.1	0.1
Min	Cent	0.0	-0.1
	1705	-0.0	-0.1
	1706	-0.0	-0.2
	1021	0.0	-0.2
	1020	0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6144	2	12	c mob-a	Max	Cent	0.9	15.8	13.9	24.1	-7.5
59.07					2562	1.4	2.0	13.9	15.6	-12.2
45.68					2563	1.4	35.1	13.9	40.1	-3.6
70.24					1706	0.8	35.1	13.9	40.1	-4.1
70.47					1705	0.8	2.0	13.9	15.4	-12.5
46.25				Min	Cent	-61.2	-362.3	-38.2	-56.4	-367.1
-7.12					2562	-64.7	-264.5	-38.2	-57.7	-271.6
-10.47					2563	-64.7	-498.5	-38.2	-61.4	-501.8
-5.00					1706	-57.9	-498.5	-38.2	-54.6	-501.8
-4.92					1705	-57.9	-264.5	-38.2	-51.0	-271.4
-10.15										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	1.7	1.9	6.8	8.5	-5.0
45.29		2562	15.3	37.2	4.7	38.1	14.3
78.36		2563	19.8	75.2	5.3	75.7	19.3
84.60		1706	5.2	17.2	4.8	18.9	3.5
70.84		1705	3.2	10.4	4.2	12.3	1.2
65.22	Min	Cent	-1.3	-4.1	-2.5	0.2	-5.6
-30.35		2562	-8.3	-16.9	-2.3	-7.7	-17.4
-14.20		2563	-4.3	-21.5	-2.4	-4.0	-21.8
-7.76		1706	-20.3	-76.2	-2.2	-20.2	-76.3
-2.26		1705	-9.5	-34.3	-2.1	-9.3	-34.4
-4.91							

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2562	0.0	0.1
	2563	0.0	0.2
	1706	0.0	0.2
	1705	0.0	0.1
Min	Cent	-0.0	-0.0
	2562	-0.0	-0.0
	2563	-0.0	-0.0
	1706	-0.0	-0.0
	1705	-0.0	-0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
c mob-b	Max	Cent	4.5	51.6	6.4	52.5	3.6
		2562	3.8	4.9	6.4	10.8	-2.1
		2563	3.8	176.3	6.4	176.5	3.5
		1706	5.9	176.3	6.4	176.5	5.7
		1705	5.9	4.9	6.4	11.9	-1.0
	Min	Cent	-55.0	-333.1	-40.8	-49.1	-339.0
		2562	-59.7	-271.9	-40.8	-52.1	-279.4
		2563	-59.7	-429.5	-40.8	-55.2	-433.9
		1706	-50.7	-429.5	-40.8	-46.3	-433.8
		1705	-50.7	-271.9	-40.8	-43.4	-279.1

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin		
Max	Cent	1.8	1.8	8.4	10.2	-6.6	
	2562	16.1	39.0	5.9	40.4	14.6	
	2563	21.6	80.0	6.6	80.7	20.8	
	1706	6.5	19.5	6.1	21.9	4.1	
	1705	1.8	5.1	5.1	8.9	-1.9	
	Min	Cent	-0.9	-2.5	-4.8	3.1	-6.5
		2562	-1.2	-6.5	-3.9	0.9	-8.6
		2563	-6.1	-20.9	-4.4	-4.9	-22.1
		1706	-21.8	-81.1	-3.6	-21.5	-81.3
		1705	-12.4	-36.9	-3.2	-12.0	-37.3

	NODE	Vxx	Vyy
Max	Cent	0.0	0.1
	2562	0.0	0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	2563	0.0	0.2
	1706	0.0	0.2
	1705	0.0	0.1
Min	Cent	-0.0	-0.0
	2562	-0.0	-0.0
	2563	-0.0	-0.0
	1706	-0.0	-0.0
	1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-10.64	pp	Cent	-40.1	-172.0	-25.7	-35.3	-176.8
-8.68		2562	-45.0	-209.3	-25.7	-41.0	-213.2
-14.90		2563	-45.0	-134.6	-25.7	-38.1	-141.5
-13.67		1706	-35.3	-134.6	-25.7	-29.1	-140.9
-8.22		1705	-35.3	-209.3	-25.7	-31.6	-213.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

30.62	Cent	1.2	-5.0	5.6	4.6	-8.3
75.19	2562	14.2	26.3	3.4	27.2	13.3
85.26	2563	16.1	60.7	3.7	61.1	15.8
4.76	1706	-16.0	-70.1	4.5	-15.6	-70.5
8.61	1705	-9.3	-36.7	4.2	-8.7	-37.3

NODE	Vxx	Vyy

Cent	0.0	0.1
2562	0.0	0.1
2563	0.0	0.2
1706	-0.0	0.2
1705	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-19.56	vento -y	Cent	-0.5	-4.5	-1.6	0.1	-5.0
-41.15		2562	-1.0	-1.5	-1.6	0.4	-2.9
-13.32		2563	-1.0	-7.5	-1.6	-0.6	-7.8
-11.64		1706	0.0	-7.5	-1.6	0.4	-7.8
-32.52		1705	0.0	-1.5	-1.6	1.1	-2.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	0.0	0.0	0.4	0.4	-0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.51							
		2562	0.1	0.4	0.3	0.6	-0.1
59.85							
		2563	0.6	2.2	0.3	2.2	0.5
79.33							
		1706	-0.6	-2.2	0.3	-0.6	-2.3
9.37							
		1705	0.1	-0.3	0.2	0.2	-0.4
26.89							

NODE	Vxx	Vyy
Cent	0.0	0.0
2562	0.0	0.0
2563	0.0	0.0
1706	0.0	0.0
1705	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
88.24	cedime~1	Cent	44.7	317.1	8.4	317.4	44.5
85.27		2562	47.9	148.2	8.4	148.9	47.2
88.91		2563	47.9	486.0	8.4	486.2	47.8
88.92		1706	41.6	486.0	8.4	486.2	41.4
85.55		1705	41.6	148.2	8.4	148.9	40.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.96	Cent	-0.6	0.6	-8.8	8.9	-8.8
-25.37	2562	-4.5	-15.4	-6.7	-1.3	-18.6
-9.32	2563	-16.6	-60.8	-7.5	-15.4	-62.0
-82.51	1706	17.8	64.6	-6.3	65.4	17.0
-70.03	1705	1.0	14.2	-5.5	16.2	-1.0

NODE	Vxx	Vyy
Cent	-0.0	-0.1
2562	-0.0	-0.0
2563	-0.0	-0.1
1706	-0.0	-0.1
1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-11.91	perm	Cent	-13.3	-52.0	-8.6	-11.5	-53.8
-8.51		2562	-14.8	-70.7	-8.6	-13.6	-72.0
-21.42		2563	-14.8	-33.3	-8.6	-11.5	-36.6
		1706	-11.7	-33.3	-8.6	-8.7	-36.3

PROJECT TITLE :

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-19.18			1705	-11.7	-70.7	-8.6	-10.5	-71.9	
-8.08									
			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE									

			Cent	0.2	-1.5	0.6	0.4	-1.7	
16.48			2562	5.3	10.1	0.1	10.1	5.3	
89.03			2563	4.4	17.0	0.1	17.0	4.4	
89.75			1706	-4.3	-19.5	0.5	-4.2	-19.5	
1.76			1705	-4.4	-13.8	0.5	-4.4	-13.8	
3.04									
			NODE	Vxx	Vyy				
			Cent	0.0	0.0				
			2562	0.0	0.0				
			2563	0.0	0.0				
			1706	-0.0	0.0				
			1705	-0.0	0.0				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									

		INV TO~1	Max	Cent	37.5	334.8	18.6	336.0	36.3
86.43				2562	38.2	84.2	18.6	90.8	31.6
70.51				2563	38.2	690.7	18.6	691.3	37.7
88.37				1706	37.9	690.7	18.6	691.3	37.3
88.37				1705	37.9	84.2	18.6	90.7	31.3
70.61			Min	Cent	-95.8	-541.2	-63.6	-86.9	-550.1
-7.98				2562	-102.2	-437.7	-63.6	-90.6	-449.4
-10.39				2563	-102.2	-706.3	-63.6	-95.6	-712.9
-5.95				1706	-89.8	-706.3	-63.6	-83.3	-712.8
-5.83				1705	-89.8	-437.7	-63.6	-78.5	-449.0
-10.05									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	2.7	1.6	11.9	13.7	-1.2
42.97				2562	26.9	62.7	8.1	64.5	25.2
77.86				2563	33.5	124.9	9.0	125.8	32.7
84.45				1706	22.4	71.4	8.7	71.6	22.3
87.12				1705	0.9	14.4	7.4	14.7	0.6
82.11			Min	Cent	-2.1	-7.1	-14.7	2.2	-19.1
-32.20									

PROJECT TITLE :

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-26.74	2562	-10.4	-28.0	-11.9	-4.4	-34.0
-13.42	2563	-20.4	-72.9	-13.3	-17.2	-76.0
-2.65	1706	-33.6	-129.0	-10.7	-33.4	-129.2
-5.10	1705	-21.1	-63.5	-9.3	-20.8	-63.9

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	2562	0.0	0.1
	2563	0.0	0.3
	1706	0.0	0.3
	1705	0.0	0.1
Min	Cent	-0.0	-0.1
	2562	-0.0	-0.0
	2563	-0.0	-0.2
	1706	-0.0	-0.2
	1705	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
86.43	INV TO~2	Max	Cent	37.5	334.8	18.6	336.0	36.3
70.51			2562	38.2	84.2	18.6	90.8	31.6
88.37			2563	38.2	690.7	18.6	691.3	37.7
88.37			1706	37.9	690.7	18.6	691.3	37.3
70.61			1705	37.9	84.2	18.6	90.7	31.3
-7.98		Min	Cent	-95.8	-541.2	-63.6	-86.9	-550.1
-10.39			2562	-102.2	-437.7	-63.6	-90.6	-449.4
-5.95			2563	-102.2	-706.3	-63.6	-95.6	-712.9
-5.83			1706	-89.8	-706.3	-63.6	-83.3	-712.8
-10.05			1705	-89.8	-437.7	-63.6	-78.5	-449.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
42.97	Max	Cent	2.7	1.6	11.9	13.7	-1.2
77.86		2562	26.9	62.7	8.1	64.5	25.2
84.45		2563	33.5	124.9	9.0	125.8	32.7
87.12		1706	22.4	71.4	8.7	71.6	22.3
82.11		1705	0.9	14.4	7.4	14.7	0.6
-32.20	Min	Cent	-2.1	-7.1	-14.7	2.2	-19.1
-26.74		2562	-10.4	-28.0	-11.9	-4.4	-34.0
-13.42		2563	-20.4	-72.9	-13.3	-17.2	-76.0
		1706	-33.6	-129.0	-10.7	-33.4	-129.2

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-2.65
-5.10

1705 -21.1 -63.5 -9.3 -20.8 -63.9

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	2562	0.0	0.1
	2563	0.0	0.3
	1706	0.0	0.3
Min	1705	0.0	0.1
	Cent	-0.0	-0.1
	2562	-0.0	-0.0
	2563	-0.0	-0.2
	1706	-0.0	-0.2
	1705	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6145	2	12	c mob-a	Max	Cent	1.9	18.0	23.2	34.5	-14.6
	54.52				3141	3.8	3.2	23.2	26.7	-19.7
	44.66				3142	3.8	46.0	23.2	56.2	-6.5
	66.14				2563	1.9	46.0	23.2	55.9	-8.1
	66.76				2562	1.9	3.2	23.2	25.8	-20.6
	45.82			Min	Cent	-75.1	-351.7	-27.6	-72.3	-354.4
	-5.65				3141	-90.4	-214.6	-27.6	-84.6	-220.5
	-11.99				3142	-90.4	-528.7	-27.6	-88.7	-530.5
	-3.59				2563	-60.8	-528.7	-27.6	-59.2	-530.4
	-3.37				2562	-60.8	-214.6	-27.6	-56.0	-219.4
	-9.88									

	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
		Max	Cent	5.5	5.1	11.5	16.8	-6.2	
	44.55		3141	14.3	17.5	8.9	24.9	6.8	
	49.99		3142	46.8	86.0	7.1	87.2	45.6	
	80.05		2563	9.1	18.0	8.2	22.9	4.2	
	59.31		2562	2.1	2.3	9.1	11.3	-6.9	
	45.27		Min	Cent	-3.8	-4.3	-3.6	-0.5	-7.7
	-43.02			3141	-11.1	-3.2	-5.1	-0.7	-13.6
	-64.07			3142	-18.6	-13.6	-4.0	-11.4	-20.8
	-61.22			2563	-28.6	-86.0	-1.3	-28.6	-86.0
	-1.28			2562	-7.8	-24.6	-1.9	-7.6	-24.8
	-6.44								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
Max   Cent   0.0   0.1
      3141   0.1   0.0
      3142   0.1   0.2
      2563   0.0   0.2
      2562   0.0   0.0
Min   Cent   -0.0  -0.0
      3141  -0.1  -0.0
      3142  -0.1  -0.0
      2563  -0.0  -0.0
      2562  -0.0  -0.0
    
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
82.95	c mob-b	Max Cent	20.6	87.2	8.4	88.2	19.5
16.42		3141	31.9	6.0	8.4	34.3	3.5
87.63		3142	31.9	233.4	8.4	233.7	31.5
87.84		2563	11.6	233.4	8.4	233.7	11.3
35.66		2562	11.6	6.0	8.4	17.6	-0.0
-7.51	Min	Cent	-64.2	-288.8	-30.1	-60.2	-292.7
-12.46		3141	-85.6	-215.2	-30.1	-78.9	-221.8
-5.38		3142	-85.6	-402.3	-30.1	-82.7	-405.2
-4.78		2563	-44.7	-402.3	-30.1	-42.2	-404.8
-9.73		2562	-44.7	-215.2	-30.1	-39.5	-220.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
40.89	Max	Cent	5.0	1.8	11.2	-7.9	
59.41		3141	8.2	17.7	8.7	3.1	
80.17		3142	45.9	85.8	7.1	87.1	44.7
51.74		2563	1.8	5.4	7.5	11.3	-4.2
46.13		2562	3.1	3.9	8.9	12.4	-5.4
-49.06	Min	Cent	-7.0	-5.9	-3.6	-2.8	-10.1
-64.93		3141	-20.2	-8.5	-7.0	-5.2	-23.4
-50.60		3142	-7.6	-5.9	-4.3	-2.4	-11.1
-2.41		2563	-29.6	-86.2	-2.4	-29.5	-86.3
-10.23		2562	-6.5	-25.4	-3.5	-5.8	-26.1

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Max   Cent   0.0   0.1
      3141   0.0   0.1
      3142   0.0   0.2
      2563   0.0   0.2
    
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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Min	2562	0.0	0.1
Cent	3141	-0.0	-0.0
	3142	-0.1	-0.0
	2563	-0.0	-0.0
	2562	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.03	pp	Cent	-35.2	-89.0	-19.6	-28.8	-95.4
-15.31		3141	-50.3	-116.5	-19.6	-44.9	-121.9
-36.97		3142	-50.3	-61.6	-19.6	-35.5	-76.3
-21.69		2563	-20.1	-61.6	-19.6	-12.3	-69.4
-11.06		2562	-20.1	-116.5	-19.6	-16.2	-120.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.38	Cent	1.6	-10.0	10.4	7.7	-16.1
66.66	3141	-7.4	0.7	4.3	2.5	-9.2
86.06	3142	50.6	95.8	3.1	96.0	50.4
6.52	2563	-33.2	-103.7	8.2	-32.3	-104.6
16.30	2562	-3.5	-32.6	9.3	-0.8	-35.3

NODE	Vxx	Vyy
Cent	-0.0	0.1
3141	-0.1	0.0
3142	-0.1	0.2
2563	0.0	0.2
2562	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-49.42	vento -y	Cent	-0.5	-0.0	-1.6	1.3	-1.9
-57.36		3141	-1.4	0.1	-1.6	1.1	-2.4
-55.44		3142	-1.4	-0.2	-1.6	0.9	-2.4
-40.75		2563	0.3	-0.2	-1.6	1.7	-1.5
-42.99		2562	0.3	0.1	-1.6	1.8	-1.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.53	Cent	-0.0	-0.0	0.3	0.3	-0.3
	3141	0.0	0.4	0.3	0.5	-0.1

PROJECT TITLE :

	Company		Client	
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61.15							
		3142	0.8	1.9	0.2	2.0	0.7
79.08							
		2563	-0.7	-2.0	0.2	-0.6	-2.0
9.60							
		2562	-0.2	-0.5	0.3	-0.0	-0.6
29.97							

NODE	Vxx	Vyy
Cent	-0.0	0.0
3141	-0.0	0.0
3142	-0.0	0.0
2563	0.0	0.0
2562	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.05	cedime~1	Cent	49.7	307.2	-8.8	307.5	49.4
-80.64		3141	54.5	106.3	-8.8	107.8	53.1
-88.89		3142	54.5	508.1	-8.8	508.3	54.3
-88.91		2563	44.9	508.1	-8.8	508.3	44.8
-82.02		2562	44.9	106.3	-8.8	107.5	43.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.70	Cent	-1.6	-0.3	-10.8	9.9	-11.8
-27.83	3141	-3.3	-13.6	-7.5	0.7	-17.6
-7.91	3142	-31.8	-77.3	-6.5	-30.9	-78.2
-80.77	2563	23.4	72.5	-8.2	73.8	22.0
-61.31	2562	5.3	17.2	-9.3	22.3	0.2

NODE	Vxx	Vyy
Cent	0.0	-0.1
3141	0.0	-0.0
3142	0.0	-0.2
2563	-0.0	-0.2
2562	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-29.81	perm	Cent	-13.5	-22.7	-7.9	-9.0	-27.2
-22.26		3141	-20.9	-36.9	-7.9	-17.7	-40.1
-64.15		3142	-20.9	-8.5	-7.9	-4.7	-24.7
-40.56		2563	-6.1	-8.5	-7.9	0.7	-15.2
		2562	-6.1	-36.9	-7.9	-4.2	-38.8

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-13.50

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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28.18	Cent	0.7	-2.7	2.6	2.0	-4.1
76.99	3141	-1.9	1.1	0.8	1.3	-2.1
88.23	3142	15.4	29.0	0.4	29.1	15.4
5.27	2563	-10.0	-31.0	2.0	-9.8	-31.1
12.98	2562	-0.8	-10.2	2.3	-0.3	-10.7

NODE	Vxx	Vyy
Cent	-0.0	0.0
3141	-0.0	0.0
3142	-0.0	0.1
2563	0.0	0.1
2562	0.0	0.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

87.52	INV TO~1	Max	Cent	64.0	402.2	23.5	402.9	63.4
45.82			3141	76.6	77.5	23.5	91.7	62.4
88.86			3142	76.6	814.7	23.5	815.0	76.3
88.89			2563	54.6	814.7	23.5	815.0	54.3
63.98			2562	54.6	77.5	23.5	84.6	47.4
-7.11		Min	Cent	-114.8	-497.4	-57.3	-108.8	-503.5
-13.88			3141	-143.0	-327.4	-57.3	-131.0	-339.4
-4.75			3142	-143.0	-722.3	-57.3	-139.0	-726.3
-4.35			2563	-88.1	-722.3	-57.3	-84.4	-726.0
-11.04			2562	-88.1	-327.4	-57.3	-78.7	-336.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

41.92	Max	Cent	Cent	8.0	4.1	18.1	24.3	-2.3
53.37			3141	17.4	25.1	12.8	34.6	7.9
81.60			3142	78.6	145.1	10.0	146.6	77.1
83.24			2563	25.6	65.8	13.0	66.4	25.0
54.08			2562	8.7	12.2	14.6	16.0	4.9
-33.41	Min	Cent	Cent	-10.3	-11.1	-13.2	-7.2	-23.9
-52.38			3141	-32.5	-23.9	-16.3	-11.4	-45.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-21.64	3142	-41.5	-66.6	-11.8	-36.8	-71.3
-0.74	2563	-49.9	-147.3	-9.5	-49.9	-147.3
-4.28	2562	-11.4	-44.5	-11.8	-11.2	-44.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	3141	0.1	0.1
	3142	0.1	0.3
	2563	0.0	0.3
Min	2562	0.0	0.1
	Cent	-0.0	-0.1
	3141	-0.1	-0.0
	3142	-0.1	-0.1
	2563	-0.0	-0.1
2562	-0.0	-0.0	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
87.52	INV TO~2	Max	Cent	64.0	402.2	23.5	402.9	63.4
45.82			3141	76.6	77.5	23.5	91.7	62.4
88.86		3142	76.6	814.7	23.5	815.0	76.3	
88.89		2563	54.6	814.7	23.5	815.0	54.3	
63.98		2562	54.6	77.5	23.5	84.6	47.4	
-7.11		Min	Cent	-114.8	-497.4	-57.3	-108.8	-503.5
-13.88			3141	-143.0	-327.4	-57.3	-131.0	-339.4
-4.75			3142	-143.0	-722.3	-57.3	-139.0	-726.3
-4.35			2563	-88.1	-722.3	-57.3	-84.4	-726.0
-11.04			2562	-88.1	-327.4	-57.3	-78.7	-336.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
41.92		Max	Cent	8.0	4.1	18.1	24.3	-2.3
53.37			3141	17.4	25.1	12.8	34.6	7.9
81.60		3142	78.6	145.1	10.0	146.6	77.1	
83.24		2563	25.6	65.8	13.0	66.4	25.0	
54.08		2562	8.7	12.2	14.6	16.0	4.9	
-33.41		Min	Cent	-10.3	-13.5	-13.2	-7.2	-23.9
-52.38			3141	-32.5	-23.9	-16.3	-11.4	-45.0
-21.64			3142	-41.5	-66.6	-11.8	-36.8	-71.3
-0.74			2563	-49.9	-147.3	-9.5	-49.9	-147.3
			2562	-11.4	-44.5	-11.8	-11.2	-47.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.28

	NODE	Vxx	Vyy
Max	Cent	0.0	0.2
	3141	0.1	0.1
	3142	0.1	0.3
	2563	0.0	0.3
	2562	0.0	0.1
Min	Cent	-0.0	-0.1
	3141	-0.1	-0.0
	3142	-0.1	-0.1
	2563	-0.0	-0.1
	2562	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6146	2	12	c mob-a	Max Cent	4.9	9.2	349.5	356.5	-342.4
45.17				5920	22.5	100.2	364.8	428.2	-305.5
48.04				5921	22.5	20.2	334.1	355.4	-312.8
44.90				3142	8.8	19.5	335.0	349.2	-320.9
45.46				3141	8.8	59.6	363.9	399.0	-330.6
47.00				Min Cent	-186.6	-699.0	-21.0	-185.8	-699.8
-2.34				5920	-185.9	-31.9	-20.9	-29.1	-188.7
-82.40				5921	-186.5	-1482.6	-21.0	-186.2	-1483.0
-0.93				3142	-201.2	-1437.4	-21.0	-200.8	-1437.8
-0.97				3141	-200.6	-32.3	-20.9	-29.7	-203.2
-83.02									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
57.41				Max Cent	4.7	32.0	29.5	50.9	-14.1
76.59				5920	36.4	97.9	15.5	101.6	32.7
85.43				5921	36.3	330.9	23.7	332.8	34.4
76.50				3142	20.3	133.0	28.7	139.9	13.4
48.25				3141	16.8	22.2	23.6	43.2	-4.3
-22.46				Min Cent	-7.5	-37.3	-14.9	-1.4	-43.5
-8.41				5920	-32.2	-57.0	-3.8	-31.6	-57.6
-0.82				5921	-17.8	-247.6	-3.3	-17.7	-247.6
-6.12				3142	-46.7	-243.7	-21.4	-44.4	-246.0
-26.01				3141	-28.7	-56.5	-17.8	-20.1	-65.2

	NODE	Vxx	Vyy
Max	Cent	0.0	0.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	5920	0.2	0.2
	5921	0.2	0.8
	3142	0.1	0.8
	3141	0.1	0.2
Min	Cent	-0.1	-0.3
	5920	-0.2	-0.1
	5921	-0.2	-0.5
	3142	-0.1	-0.5
	3141	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
47.53	c mob-b	Max	Cent	32.8	75.9	243.3	298.6	-189.9
44.78			5920	54.4	50.6	252.8	305.3	-200.3
50.12			5921	54.5	138.9	233.8	334.3	-140.9
51.26			3142	31.2	135.2	234.3	323.3	-156.8
45.61			3141	31.2	42.0	252.2	288.9	-215.7
-3.76		Min	Cent	-133.3	-491.9	-23.7	-131.7	-493.5
-76.08			5920	-129.2	-40.1	-23.5	-34.3	-135.0
-1.58			5921	-129.6	-998.1	-23.9	-128.9	-998.7
-1.68			3142	-154.2	-968.9	-23.9	-153.5	-969.6
-77.75			3141	-153.8	-50.6	-23.5	-45.5	-159.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
57.94	Max	Cent	4.4	30.6	27.0	47.6	-12.5
80.50		5920	35.6	107.1	12.3	109.2	33.5
85.40		5921	35.2	311.5	22.4	313.3	33.4
70.55		3142	12.1	76.8	26.1	86.0	2.9
45.08		3141	9.0	9.2	21.1	30.2	-12.0
-45.52	Min	Cent	-7.7	-6.9	-20.2	12.9	-27.5
-30.61		5920	-7.7	-18.4	-9.8	-1.9	-24.2
-8.33		5921	-10.8	-101.8	-13.6	-8.8	-103.8
-6.65		3142	-45.3	-233.8	-22.3	-42.7	-236.4
-27.48		3141	-35.5	-63.1	-19.7	-25.2	-73.4

	NODE	Vxx	Vyy
Max	Cent	0.0	0.5
	5920	0.1	0.2
	5921	0.1	0.7
	3142	0.0	0.8
	3141	0.0	0.2
Min	Cent	-0.0	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

5920      -0.1      -0.0
5921      -0.1      -0.2
3142      -0.1      -0.2
3141      -0.1      -0.0
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
    
```

```

          pp      Cent      -20.5     -95.5     44.6       0.2     -116.3
24.97
          5920      12.4     -33.6     45.8       40.7     -61.8
31.67
          5921      12.4    -157.5     43.4       22.8    -167.9
13.53
          3142     -52.9    -153.9     43.4      -36.8    -170.0
20.35
          3141     -52.8     -37.1     45.7        1.4     -91.4
49.87
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
    
```

```

          Cent      -3.6      17.0      23.4      32.3     -18.8
56.87
          5920      28.2     154.8     17.0     157.0      26.0
82.47
          5921      38.6     268.6     31.5     272.8      34.4
82.34
          3142     -50.1    -250.0     14.6     -49.0    -251.1
4.16
          3141     -36.9    -105.9      8.7     -35.8    -107.0
7.04
    
```

```

          NODE      Vxx      Vyy
-----
          Cent      -0.0       0.5
          5920       0.1       0.3
          5921       0.1       0.7
          3142      -0.1       0.7
          3141      -0.1       0.3
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
    
```

```

          vento -y      Cent      -1.0     -0.3       1.8       1.2     -2.5
50.30
          5920      -0.5     -0.8       1.8       1.2     -2.5
42.01
          5921      -0.5       0.3       1.8       1.8     -2.0
50.89
          3142     -1.4       0.3       1.8       1.4     -2.6
57.45
          3141     -1.4     -0.8       1.8       0.7     -3.0
49.88
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
    
```

```

          Cent      0.0       0.3       0.4       0.6     -0.2
55.32
          5920       0.5       1.1       0.2       1.1      0.4
76.07
          5921       0.4       3.6       0.3       3.6      0.4
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

84.45							
		3142	-0.6	-2.8	0.3	-0.6	-2.9
8.12							
		3141	-0.2	-0.6	0.3	-0.1	-0.8
27.99							

NODE	Vxx	Vyy
Cent	0.0	0.0
5920	0.0	0.0
5921	0.0	0.0
3142	-0.0	0.0
3141	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	128.3	505.7	-189.0	584.1	49.9
-67.48	cedime~1	5920	142.9	-111.5	-201.2	253.7	-222.3
-28.85		5921	143.4	1123.0	-176.8	1154.0	112.4
-80.08		3142	114.0	1087.4	-177.5	1118.8	82.7
-79.98		3141	113.6	-75.9	-200.5	240.5	-202.9
-32.35							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.3	-3.8	-17.6	16.0	-19.4
-41.66	5920	-13.2	-45.2	-12.8	-8.7	-49.6
-19.27	5921	-21.1	-132.6	-18.7	-18.1	-135.7
-9.26	3142	29.1	130.6	-12.3	132.1	27.7
-83.18	3141	9.2	32.0	-10.6	36.1	5.0
-68.51						

NODE	Vxx	Vyy
Cent	-0.0	-0.2
5920	-0.0	-0.1
5921	-0.0	-0.4
3142	0.0	-0.4
3141	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		Cent	-10.5	-48.6	36.5	11.6	-70.8
31.24	perm	5920	8.4	-8.6	37.3	38.2	-38.4
38.60		5921	8.3	-88.6	35.8	20.1	-100.4
18.21		3142	-29.1	-86.3	35.8	-11.8	-103.5
25.68		3141	-29.0	-10.9	37.3	18.4	-58.3
51.83							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
56.55		Cent	-1.3	4.7	7.0	9.4	-5.9
82.43		5920	8.1	47.7	5.4	48.4	7.4
82.07		5921	11.9	80.8	9.8	82.2	10.5
3.89		3142	-15.4	-76.7	4.2	-15.1	-77.0
6.11		3141	-11.4	-33.0	2.3	-11.2	-33.2

NODE	Vxx	Vyy
Cent	-0.0	0.2
5920	0.0	0.1
5921	0.0	0.2
3142	-0.0	0.2
3141	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
60.95	INV TO~1	Max Cent	162.0	559.5	508.3	736.9	-15.3
46.21		5920	224.7	126.7	529.8	634.6	-225.0
74.06		5921	225.2	1221.9	486.8	1310.5	136.7
74.78		3142	127.1	1183.7	488.0	1268.2	42.6
46.53		3141	126.6	69.6	528.6	570.6	-274.6
0.36		Min Cent	-262.5	-992.2	-184.4	-262.5	-992.3
88.22		5920	-242.6	-174.3	-195.6	-62.6	-426.0
0.11		5921	-243.5	-2090.2	-173.4	-243.5	-2090.2
0.12		3142	-300.6	-2026.8	-174.0	-300.6	-2026.9
88.56		3141	-299.8	-155.2	-194.9	-79.1	-488.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
57.28	Max	Cent	5.5	48.0	46.9	78.1	-10.3
79.35		5920	57.2	192.3	26.3	197.3	52.3
84.92		5921	60.9	527.5	41.8	531.2	57.2
81.17		3142	41.1	233.5	43.0	238.2	36.3
50.09		3141	20.4	28.9	34.2	48.6	0.7
-24.93	Min	Cent	-11.6	-49.4	-37.7	-2.2	-72.7
-28.86		5920	-48.5	-74.5	-20.6	-37.2	-85.8
-4.39		5921	-33.3	-386.1	-27.3	-31.2	-388.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-4.50	3142	-78.5	-405.7	-38.2	-76.4	-407.7
-19.76	3141	-59.3	-118.2	-34.9	-50.6	-126.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.8
	5920	0.2	0.4
	5921	0.2	1.3
	3142	0.1	1.3
Min	3141	0.1	0.4
	Cent	-0.1	-0.5
	5920	-0.2	-0.1
	5921	-0.2	-0.8
	3142	-0.1	-0.9
	3141	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
60.95	INV TO~2	Max	Cent	162.0	559.5	508.3	736.9	-15.3
46.21			5920	224.7	126.7	529.8	634.6	-83.5
74.06		5921	225.2	1221.9	486.8	1310.5	136.7	
74.78		3142	127.1	1183.7	488.0	1268.2	42.6	
46.53		3141	126.6	69.6	528.6	570.6	-123.4	
0.36		Min	Cent	-262.5	-992.2	-184.4	-262.5	-992.3
88.22			5920	-242.6	-174.3	-195.6	-62.6	-426.0
0.11			5921	-243.5	-2090.2	-173.4	-243.5	-2090.2
0.12			3142	-300.6	-2026.8	-174.0	-300.6	-2026.9
88.56			3141	-299.8	-155.2	-194.9	-79.1	-488.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
57.28	Max	Cent	5.5	48.0	46.9	-10.3	
82.47		5920	57.2	209.0	26.3	52.3	
84.92		5921	60.9	527.5	42.5	531.2	57.2
81.17		3142	41.1	233.5	43.0	238.2	36.3
50.09		3141	20.4	28.9	34.2	48.6	0.7
-24.93	Min	Cent	-11.6	-49.4	-37.7	-2.2	-72.7
-28.86		5920	-48.5	-74.5	-20.6	-37.2	-85.8
-4.39		5921	-33.3	-386.1	-27.3	-31.2	-388.2
-4.50		3142	-78.5	-405.7	-38.2	-76.4	-407.7
-19.76		3141	-59.3	-142.9	-34.9	-50.6	-144.4

PROJECT TITLE :

	Company		Client	
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	NODE	Vxx	Vyy
Max	Cent	0.1	0.8
	5920	0.2	0.5
	5921	0.2	1.3
	3142	0.1	1.3
	3141	0.1	0.5
Min	Cent	-0.1	-0.5
	5920	-0.2	-0.1
	5921	-0.2	-0.8
	3142	-0.1	-0.9
	3141	-0.1	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6174	2	12	c mob-a	Max	Cent	2.3	41.7	22.9	52.3	-8.2
65.32					6058	9.5	44.4	23.7	56.4	-2.4
63.20					1025	10.9	80.0	23.4	87.2	3.7
72.92					578	4.4	121.6	24.2	126.4	-0.4
78.80					577	4.0	50.2	24.2	60.5	-6.4
66.87				Min	Cent	-1.5	-22.3	-23.1	13.4	-37.2
-32.86					6058	-3.8	-88.9	-29.9	5.7	-98.4
-17.53					1025	-3.9	-0.6	-16.6	14.4	-18.9
-47.81					578	-9.7	-0.9	-12.7	8.1	-18.7
-54.61					577	-12.0	-132.2	-34.2	-2.9	-141.3
-14.82										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	14.6	59.5	3.2	59.7	14.4
	6058	7.1	52.2	2.9	52.4	6.9
	1025	4.9	0.5	4.1	7.4	-2.0
	578	65.2	208.0	5.6	208.3	65.0
	577	3.3	51.5	8.3	52.9	1.9
Min	Cent	-0.1	-0.3	-22.2	22.0	-22.4
	6058	-0.1	-5.6	-22.8	20.1	-25.9
	1025	-19.7	-67.7	-25.3	-8.8	-78.6
	578	-0.2	-1.2	-1.8	1.2	-2.6
	577	-7.8	-29.2	-4.3	-6.9	-30.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6058	0.0	0.1
	1025	0.0	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		578	0.0	0.0
		577	0.0	0.1
Min	Cent		-0.0	-0.2
		6058	-0.1	-0.1
		1025	-0.1	-0.3
		578	-0.1	-0.3
		577	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

71.24	c mob-b	Max Cent	4.2	34.9	11.8	38.9	0.2
56.80		6058	13.4	22.7	10.7	29.7	6.4
78.86		1025	15.4	85.1	14.3	88.0	12.6
83.10		578	3.8	133.6	16.0	135.6	1.9
68.05		577	3.1	25.0	10.5	29.3	-1.1
-30.32	Min	Cent	-1.3	-50.1	-43.3	24.0	-75.4
-18.39		6058	-2.7	-143.4	-52.6	14.7	-160.9
-45.66		1025	-2.7	-1.1	-34.2	32.4	-36.1
-50.61		578	-11.6	-0.2	-28.7	23.4	-35.2
-15.86		577	-14.5	-204.7	-58.8	2.2	-221.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

84.15	Max Cent	15.3	59.3	4.6	59.8	14.9
85.76		6058	6.8	53.4	3.5	53.7
36.65		1025	3.7	0.4	5.5	-3.7
87.06		578	67.7	208.8	7.3	209.1
80.22		577	5.3	67.8	11.1	69.7
-45.04	Min Cent	-0.5	-0.4	-22.9	22.5	-23.3
-40.68		6058	-0.1	-7.4	-23.8	20.4
-26.59		1025	-26.6	-64.9	-25.6	-13.9
-37.79		578	-0.2	-1.6	-2.7	1.9
-17.24		577	-7.6	-21.4	-4.8	-6.1

	NODE	Vxx	Vyy

Max	Cent	0.0	0.0
	6058	0.0	0.1
	1025	0.0	0.0
	578	0.0	0.0
	577	0.0	0.1
Min	Cent	-0.0	-0.1
	6058	-0.1	-0.1
	1025	-0.1	-0.3

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
578			-0.1	-0.3			
577			-0.1	-0.1			
ANGLE							

	pp	Cent	4.3	-47.1	-48.9	33.9	-76.7
-31.16		6058	18.6	-168.2	-61.3	37.0	-186.5
-16.64		1025	21.2	74.1	-36.6	92.8	2.5
-62.95		578	-11.9	149.8	-28.9	154.8	-16.9
-80.18		577	-16.0	-243.9	-69.0	3.2	-263.2
-15.61							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	16.5	68.1	-12.7	71.1	13.6
-76.92		6058	8.6	26.2	-15.5	35.2	-0.4
-59.81		1025	-33.0	-81.5	-13.0	-29.7	-84.8
-14.11		578	80.1	238.6	5.8	238.9	79.9
87.92		577	1.2	76.7	10.0	78.0	-0.1
82.60							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.2			
		6058	0.0	-0.1			
		1025	0.0	-0.3			
		578	-0.1	-0.3			
		577	-0.1	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.2	2.2	1.4	2.9	-0.9
65.07		6058	-0.5	3.9	1.6	4.4	-1.1
72.02		1025	-0.6	0.6	1.3	1.4	-1.4
57.16		578	0.2	-0.5	1.2	1.1	-1.3
36.97		577	0.3	4.9	1.7	5.5	-0.3
71.86							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	0.2	0.3	-0.4	0.7	-0.2
-49.31		6058	-0.0	1.7	-0.3	1.7	-0.1
-81.60		1025	1.2	-0.1	-0.5	1.3	-0.3
-19.48		578	-0.1	1.3	-0.1	1.3	-0.1

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-86.92
-5.26

577 -0.2 -1.8 -0.1 -0.2 -1.8

NODE	Vxx	Vyy
Cent	-0.0	0.0
6058	-0.0	0.0
1025	-0.0	-0.0
578	0.0	-0.0
577	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-23.88	cedime~1	Cent	1.5	-56.5	-31.9	15.7	-70.6
-22.17		6058	6.4	-59.6	-32.3	19.5	-72.8
-23.29		1025	6.5	-53.4	-31.6	20.1	-67.0
-26.54		578	-4.2	-51.4	-31.4	11.5	-67.1
-24.29		577	-4.3	-61.6	-32.5	10.3	-76.2

ANGLE NODE Mxx Myy Mxy Mmax Mmin

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.55	Cent	-10.0	-34.1	13.0	-4.4	-39.8
17.50	6058	-3.3	-37.8	12.1	0.5	-41.6
72.47	1025	-4.4	38.3	15.0	43.0	-9.1
-1.16	578	-33.7	-126.4	-1.9	-33.6	-126.5
-21.94	577	3.0	-2.2	-2.5	4.0	-3.2

NODE	Vxx	Vyy
Cent	0.0	0.1
6058	0.1	-0.0
1025	0.1	0.2
578	-0.0	0.2
577	-0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-30.50	perm	Cent	1.3	-18.9	-18.2	12.0	-29.6
-16.30		6058	6.9	-64.3	-22.8	13.6	-71.0
-62.37		1025	7.9	26.6	-13.5	33.7	0.8
-80.29		578	-5.2	55.0	-10.6	56.8	-7.0
-15.42		577	-6.7	-92.8	-25.7	0.4	-99.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

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-75.44		Cent	5.5	22.6	-4.8	23.8	4.3
		6058	2.8	9.2	-6.0	12.8	-0.8
-58.95		1025	-13.1	-26.6	-4.8	-11.6	-28.1
-17.72		578	29.9	79.5	1.8	79.6	29.9
87.97		577	-0.0	24.4	2.7	24.7	-0.3
83.84							

	NODE	Vxx	Vyy

	Cent	-0.0	-0.1
	6058	0.0	-0.0
	1025	0.0	-0.1
	578	-0.0	-0.1
	577	-0.0	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~1	Max	Cent	8.4	37.4	12.8	59.1	2.2
-28.26			6058	31.4	-4.4	9.1	51.3	-7.0
-18.87			1025	35.1	141.6	18.1	144.4	31.9
81.11			578	0.8	235.4	22.0	237.5	-1.3
84.69			577	-1.4	-25.0	6.9	12.1	-26.9
-17.25		Min	Cent	-0.8	-142.9	-108.6	18.2	-201.3
-27.16			6058	1.8	-317.5	-126.0	27.6	-360.6
15.96			1025	2.7	-28.2	-91.4	74.7	-102.8
-50.33			578	-25.0	2.4	-80.8	70.7	-93.3
-49.81			577	-30.6	-430.7	-137.5	0.5	-473.4
15.22								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	26.2	102.9	14.3	103.0	26.2
88.97			6058	12.4	81.3	10.7	81.3	12.3
-88.90			1025	-6.4	12.4	17.6	21.8	-20.3
61.74			578	121.4	361.4	11.6	361.9	120.8
87.25			577	10.1	115.9	17.7	118.7	7.9
81.01		Min	Cent	-5.2	-12.0	-35.7	14.4	-31.6
-40.70			6058	-0.7	-38.5	-38.2	12.6	-51.9
-27.03			1025	-53.5	-118.0	-39.3	-38.9	-135.8
-30.84			578	-4.0	-49.0	-3.8	-3.7	-49.3
-4.77								

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Max	Cent	0.0	0.0
	6058	0.1	0.1
	1025	0.1	0.1
	578	-0.0	0.1
	577	-0.0	0.1
Min	Cent	-0.1	-0.3
	6058	-0.1	-0.2
	1025	-0.1	-0.5
	578	-0.2	-0.5
	577	-0.2	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6182	2	12	c mob-a	Max Cent	1.0	53.2	11.9	55.8	-1.6
77.78				6065	22.6	161.8	11.9	162.9	21.6
85.16				1710	22.6	2.8	11.9	28.2	-2.7
25.11				1025	4.4	2.8	11.9	15.5	-8.3
43.08				6058	4.4	161.8	11.9	162.7	3.5
85.71				Min Cent	-4.9	-138.1	-31.1	2.0	-145.0
-12.51				6065	-8.5	-123.4	-31.1	-0.6	-131.2
-14.21				1710	-8.5	-187.5	-31.1	-3.3	-192.7
-9.58				1025	-29.1	-187.5	-31.1	-23.2	-193.3
-10.72				6058	-29.1	-123.4	-31.1	-19.8	-132.7
-16.71									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	2.6	2.9	7.3	10.1	-4.6
45.56				6065	2.7	3.8	8.0	11.3	-4.7
46.94				1710	4.5	1.3	8.0	11.0	-5.2
39.16				1025	14.8	8.3	7.2	19.4	3.6
32.96				6058	0.5	7.7	7.3	12.2	-4.0
58.20				Min Cent	-2.4	-4.6	-4.1	0.8	-7.8
-37.56				6065	-0.1	-4.9	-2.7	1.1	-6.1
-23.85				1710	-5.8	-15.3	-3.4	-4.7	-16.4
-17.68				1025	-7.4	-2.9	-5.8	1.1	-11.4
-55.79				6058	-9.0	-7.5	-5.0	-3.1	-13.3
-49.11									
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.0			
				6065	0.0	0.0			
				1710	0.0	0.0			
				1025	0.0	0.0			
				6058	0.0	0.0			

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Min	Cent	-0.0	-0.0
	6065	-0.0	-0.0
	1710	-0.0	-0.0
	1025	-0.0	-0.0
	6058	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
83.75	c mob-b	Max	Cent	2.3	21.1	2.1	21.3	2.1
87.65			6065	30.5	81.2	2.1	81.3	30.4
4.64			1710	30.5	5.1	2.1	30.7	4.9
69.65			1025	0.2	5.1	2.1	5.8	-0.5
88.53			6058	0.2	81.2	2.1	81.2	0.2
-12.19		Min	Cent	-3.4	-181.4	-40.4	5.3	-190.1
-8.86			6065	-1.1	-253.8	-40.4	5.1	-260.1
-13.04			1710	-1.1	-166.1	-40.4	8.2	-175.5
-15.71			1025	-34.0	-166.1	-40.4	-22.6	-177.5
-10.08			6058	-34.0	-253.8	-40.4	-26.8	-260.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
44.87	Max	Cent	2.5	2.4	9.2	11.7	-6.8	
46.23			6065	3.1	3.9	9.5	13.0	-6.0
40.22			1710	4.3	1.0	9.7	12.5	-7.2
35.18			1025	14.4	7.5	9.7	21.3	0.6
54.75			6058	0.8	7.5	9.5	14.3	-5.9
-40.63		Min	Cent	-4.1	-5.9	-5.7	0.8	-10.7
-27.08			6065	-0.5	-7.4	-4.8	1.9	-9.8
-32.95			1710	-6.4	-12.0	-6.3	-2.3	-16.1
-62.55			1025	-15.2	-5.5	-6.9	-1.9	-18.8
-46.00			6058	-9.1	-8.7	-5.8	-3.0	-14.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6065	0.0	0.0
	1710	0.0	0.0
	1025	0.0	0.0
	6058	0.0	0.0
Min	Cent	-0.0	-0.0
	6065	-0.0	-0.0
	1710	-0.0	-0.0
	1025	-0.0	-0.0
	6058	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.60	pp	Cent	0.5	-213.9	-37.3	6.8	-220.2
-7.52		6065	33.4	-244.5	-37.3	38.3	-249.5
-9.51		1710	33.4	-183.3	-37.3	39.6	-189.6
-13.16		1025	-32.3	-183.3	-37.3	-23.6	-192.0
-9.69		6058	-32.3	-244.5	-37.3	-26.0	-250.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
30.48		Cent	-3.4	-8.2	4.4	-0.8	-10.8
31.59		6065	1.9	-3.9	5.8	5.5	-7.4
13.29		1710	1.3	-13.5	3.7	2.2	-14.4
65.88		1025	-10.4	-3.3	4.0	-1.5	-12.2
32.10		6058	-6.4	-12.3	6.1	-2.6	-16.1
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		6065	-0.0	0.0			
		1710	-0.0	-0.0			
		1025	0.0	-0.0			
		6058	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-89.66	vento -y	Cent	-0.2	3.0	-0.0	3.0	-0.2
-89.86		6065	-0.1	7.5	-0.0	7.5	-0.1
-0.77		1710	-0.1	-1.5	-0.0	-0.1	-1.5
-0.88		1025	-0.3	-1.5	-0.0	-0.3	-1.5
-89.86		6058	-0.3	7.5	-0.0	7.5	-0.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.14		Cent	0.3	0.2	0.4	0.6	-0.1
42.15		6065	0.0	-0.0	0.4	0.4	-0.4
43.32		1710	-0.1	-0.1	0.5	0.4	-0.6
15.72		1025	1.3	0.5	0.3	1.4	0.4
		6058	-0.2	0.7	0.2	0.7	-0.2

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78.11

NODE	Vxx	Vyy
Cent	-0.0	-0.0
6065	0.0	-0.0
1710	0.0	-0.0
1025	-0.0	-0.0
6058	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-4.54	cedime~1	Cent	4.1	-52.1	-4.5	4.5	-52.4
-1.22		6065	1.2	-209.2	-4.5	1.3	-209.3
-87.53		1710	1.2	105.1	-4.5	105.3	1.0
-87.38		1025	7.1	105.1	-4.5	105.3	6.9
-1.19		6058	7.1	-209.2	-4.5	7.2	-209.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-50.89	Cent	-2.1	0.8	-7.0	6.6	-7.8
-53.07	6065	-1.6	3.4	-8.6	9.8	-8.0
-49.81	1710	3.8	6.9	-9.3	14.8	-4.1
-70.42	1025	-16.2	-2.6	-5.5	-0.6	-18.1
-21.89	6058	5.6	-4.3	-4.8	7.5	-6.3

NODE	Vxx	Vyy
Cent	0.0	0.0
6065	-0.0	0.0
1710	-0.0	0.0
1025	0.0	0.0
6058	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.38	perm	Cent	0.5	-76.0	-13.0	2.6	-78.2
-6.73		6065	11.6	-97.1	-13.0	13.1	-98.6
-10.67		1710	11.6	-55.0	-13.0	14.0	-57.4
-15.18		1025	-10.6	-55.0	-13.0	-7.1	-58.5
-8.37		6058	-10.6	-97.1	-13.0	-8.7	-99.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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22.51	Cent	-1.4	-2.2	0.4	-1.2	-2.4
29.92	6065	0.6	-0.5	0.9	1.2	-1.0
0.31	1710	1.3	-3.5	0.0	1.3	-3.5
87.26	1025	-5.4	-1.2	0.2	-1.2	-5.4
26.78	6058	-2.2	-3.9	1.1	-1.6	-4.4

NODE	Vxx	Vyy
Cent	0.0	-0.0
6065	-0.0	0.0
1710	-0.0	-0.0
1025	0.0	-0.0
6058	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-10.60	INV TO~1	Max	Cent	7.8	-4.2	3.0	11.5	-5.2
87.47			6065	54.0	121.4	3.0	121.5	52.7
-67.57			1710	54.0	56.9	3.0	57.5	53.4
-88.47			1025	2.4	56.9	3.0	57.0	2.4
88.62			6058	2.4	121.4	3.0	121.5	-4.7
18.94		Min	Cent	-6.1	-373.0	-72.0	4.7	-386.5
-6.24			6065	0.1	-648.9	-72.0	9.2	-656.7
-11.83			1710	0.1	-308.1	-72.0	14.3	-322.2
-14.11			1025	-56.5	-308.1	-72.0	-39.5	-325.0
-9.70			6058	-56.5	-648.9	-72.0	-45.0	-657.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

44.52	Max	Cent	2.1	2.5	12.9	14.8	-4.7	
45.00			6065	4.8	8.2	13.7	18.6	-0.0
35.33			1710	11.2	5.2	13.1	16.7	3.4
40.21			1025	14.5	10.0	13.3	25.8	-1.3
52.66			6058	4.5	6.5	14.0	17.2	-5.9
-38.82	Min	Cent	-9.1	-10.2	-14.3	-1.1	-23.5	
-23.28			6065	-1.7	-10.5	-14.1	2.3	-18.7
-22.62			1710	-7.3	-24.1	-17.8	-3.7	-29.5
-68.26			1025	-42.1	-11.2	-14.7	-5.3	-47.9
-42.64			6058	-14.5	-19.9	-11.5	-8.3	-27.2

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6065	0.0	0.0
	1710	0.0	0.0
	1025	0.1	0.0
	6058	0.1	0.0
Min	Cent	-0.0	-0.0
	6065	-0.0	-0.0
	1710	-0.0	-0.0
	1025	-0.1	-0.0
	6058	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	7.8	-4.2	3.0	11.5	-5.2
-10.60			6065	54.0	121.4	3.0	121.5	52.7
87.47			1710	54.0	56.9	3.0	57.5	53.4
-67.57			1025	2.4	56.9	3.0	57.0	2.4
-88.47			6058	2.4	121.4	3.0	121.5	-4.7
88.62		Min	Cent	-6.1	-373.0	-72.0	4.7	-386.5
18.94			6065	0.1	-648.9	-72.0	9.2	-656.7
-6.24			1710	0.1	-308.1	-72.0	14.3	-322.2
-11.83			1025	-56.5	-308.1	-72.0	-39.5	-325.0
-14.11			6058	-56.5	-648.9	-72.0	-45.0	-657.4
-9.70								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	2.1	2.5	12.9	14.8	-4.7	
44.52		6065	4.8	8.2	13.7	18.6	-0.0	
45.00		1710	11.2	5.2	13.1	16.7	3.4	
35.33		1025	14.5	10.0	13.3	25.8	-1.3	
40.21		6058	4.5	6.5	14.0	17.2	-5.9	
52.66		Min	Cent	-9.1	-11.1	-14.3	-1.1	-23.5
-38.82			6065	-1.7	-10.5	-14.1	2.3	-18.7
-23.28			1710	-7.3	-24.1	-17.8	-3.7	-29.5
-22.62			1025	-42.1	-11.2	-14.7	-5.3	-47.9
-68.26			6058	-14.5	-19.9	-11.5	-8.3	-27.2
-42.64								

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6065	0.0	0.0

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2567 -0.0 -0.0
 1710 -0.0 -0.0
 6065 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
56.33	c mob-b Max	Cent	11.7	28.5	20.2	41.9	-1.8
74.84		6072	7.4	76.4	20.2	81.8	1.9
40.69		2567	7.4	1.3	20.2	24.7	-16.1
30.55		1710	23.6	1.3	20.2	35.5	-10.6
71.31		6065	23.6	76.4	20.2	83.2	16.7
-5.27	Min	Cent	-3.4	-250.1	-22.9	-1.3	-252.2
-3.58		6072	-8.0	-373.3	-22.9	-6.6	-374.7
-8.98		2567	-8.0	-149.5	-22.9	-4.4	-153.2
-8.87		1710	-6.2	-149.5	-22.9	-2.6	-153.1
-3.56		6065	-6.2	-373.3	-22.9	-4.8	-374.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.40	Max Cent	4.7	4.3	8.8	13.3	-4.3
59.17		6072	2.0	11.3	8.6	-3.1
43.96		2567	13.9	13.3	8.7	4.9
45.09		1710	5.4	5.5	9.8	-4.3
45.41		6065	3.1	3.4	9.5	-6.3
-37.71	Min Cent	-3.6	-5.9	-4.3	-0.3	-9.3
-19.92		6072	-2.1	-12.0	-4.1	-13.5
-60.35		2567	-9.5	-4.7	-4.0	-11.8
-37.96		1710	-6.8	-9.3	-4.9	-13.1
-29.33		6065	-0.5	-6.3	-4.8	-9.1

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6072	0.0	0.0
	2567	0.0	0.0
	1710	0.0	0.0
	6065	0.0	0.0
Min	Cent	-0.0	-0.0
	6072	-0.0	-0.0
	2567	-0.0	-0.0
	1710	-0.0	-0.0
	6065	-0.0	-0.0

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	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

2.58	pp	Cent	11.9	-245.3	11.6	12.4	-245.8
1.99		6072	-0.2	-333.8	11.6	0.2	-334.2
4.21		2567	-0.2	-156.8	11.6	0.7	-157.7
3.66		1710	23.9	-156.8	11.6	24.7	-157.5
1.86		6065	23.9	-333.8	11.6	24.3	-334.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

27.90		Cent	3.6	-4.9	6.3	6.9	-8.2
25.90		6072	0.0	-8.2	5.2	2.6	-10.7
25.36		2567	9.8	1.8	4.8	12.1	-0.5
26.42		1710	3.3	-7.0	6.8	6.6	-10.4
30.95		6065	1.2	-6.4	7.1	5.5	-10.7
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		6072	-0.0	-0.0			
		2567	-0.0	0.0			
		1710	-0.0	0.0			
		6065	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-79.58	vento -y	Cent	-0.0	2.5	-0.5	2.6	-0.1
-85.08		6072	0.2	5.8	-0.5	5.9	0.1
-23.18		2567	0.2	-0.7	-0.5	0.4	-0.9
-31.43		1710	-0.2	-0.7	-0.5	0.1	-1.0
-85.42		6065	-0.2	5.8	-0.5	5.9	-0.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

44.87		Cent	-0.0	-0.0	0.6	0.5	-0.6
41.79		6072	-0.1	-0.2	0.5	0.4	-0.7
49.04		2567	-0.1	0.1	0.6	0.6	-0.6
43.29		1710	-0.1	-0.2	0.6	0.5	-0.7
45.29		6065	0.1	0.1	0.6	0.7	-0.5

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NODE	Vxx	Vyy
Cent	0.0	-0.0
6072	0.0	-0.0
2567	0.0	0.0
1710	0.0	0.0
6065	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.09	cedime~1	Cent	-8.3	-85.4	-12.7	-6.2	-87.4
-3.21		6072	-7.7	-232.7	-12.7	-7.0	-233.4
-79.99		2567	-7.7	61.8	-12.7	64.1	-10.0
-80.13		1710	-8.8	61.8	-12.7	64.0	-11.0
-3.23		6065	-8.8	-232.7	-12.7	-8.1	-233.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-45.11	Cent	-1.5	-1.5	-11.4	9.9	-12.9
-40.35	6072	1.8	-1.7	-10.8	11.0	-10.9
-40.62	2567	-9.7	-13.0	-10.5	-0.8	-21.9
-50.31	1710	4.2	8.4	-11.1	17.6	-5.0
-48.68	6065	-2.5	0.5	-11.4	10.5	-12.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
6072	0.0	-0.0
2567	0.0	-0.0
1710	-0.0	-0.0
6065	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2.78	perm	Cent	4.2	-87.4	4.5	4.5	-87.6
2.01		6072	0.3	-126.7	4.5	0.5	-126.8
5.22		2567	0.3	-48.1	4.5	0.7	-48.5
4.51		1710	8.2	-48.1	4.5	8.5	-48.5
1.89		6065	8.2	-126.7	4.5	8.3	-126.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
20.56	Cent	1.4	-1.0	1.1	1.8	-1.5

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17.04	6072	0.1	-2.3	0.8	0.3	-2.5
14.42	2567	3.4	0.8	0.7	3.5	0.6
18.23	1710	1.9	-1.4	1.2	2.3	-1.8
28.25	6065	0.4	-1.4	1.3	1.1	-2.1

NODE	Vxx	Vyy
Cent	-0.0	0.0
6072	-0.0	-0.0
2567	-0.0	0.0
1710	-0.0	0.0
6065	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
48.10	INV TO~1	Max	Cent	31.4	40.0	39.3	75.3	-3.8
76.04			6072	43.8	192.1	39.3	201.9	34.0
20.55			2567	43.8	15.4	39.3	58.5	-2.8
21.16			1710	40.0	15.4	39.3	55.2	-4.5
76.33			6065	40.0	192.1	39.3	201.7	30.4
-4.44		Min	Cent	-8.6	-510.5	-39.2	-5.6	-513.5
-2.65			6072	-18.2	-863.3	-39.2	-16.4	-865.1
-9.91			2567	-18.2	-297.4	-39.2	-11.4	-299.8
-9.54			1710	-9.0	-297.4	-39.2	-2.4	-299.7
-2.62			6065	-9.0	-863.3	-39.2	-7.2	-865.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
42.37	Max	Cent	7.8	5.3	13.3	19.9	2.8
56.04		6072	4.6	13.0	12.6	21.5	4.1
41.94		2567	22.2	19.4	12.6	33.5	8.1
42.07		1710	13.5	14.7	14.4	22.3	10.7
44.44		6065	4.5	4.5	14.2	18.4	0.2
-29.99	Min	Cent	-5.0	-10.5	-16.2	-0.7	-24.2
-15.70		6072	-2.7	-20.2	-15.6	-1.4	-28.9
-41.81		2567	-19.2	-22.5	-15.2	-5.6	-36.1
-29.24		1710	-7.3	-13.9	-16.5	-4.3	-20.9
-23.62		6065	-3.2	-10.4	-16.6	1.5	-23.5

NODE	Vxx	Vyy
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-----
Max   Cent   0.0   0.0
      6072   0.0   0.0
      2567   0.0   0.0
      1710   0.0   0.0
      6065   0.0   0.0
Min   Cent   -0.0  -0.0
      6072  -0.1  -0.0
      2567  -0.1  -0.0
      1710  -0.0  -0.0
      6065  -0.0  -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
48.10	INV TO~2	Max Cent	31.4	40.0	39.3	75.3	-3.8
76.04		6072	43.8	192.1	39.3	201.9	34.0
20.55		2567	43.8	15.4	39.3	58.5	-2.8
21.16		1710	40.0	15.4	39.3	55.2	-4.5
76.33		6065	40.0	192.1	39.3	201.7	30.4
-4.44		Min Cent	-8.6	-510.5	-39.2	-5.6	-513.5
-2.65		6072	-18.2	-863.3	-39.2	-16.4	-865.1
-9.91		2567	-18.2	-297.4	-39.2	-11.4	-299.8
-9.54		1710	-9.0	-297.4	-39.2	-2.4	-299.7
-2.62		6065	-9.0	-863.3	-39.2	-7.2	-865.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
42.37	Max	Cent	7.8	5.3	13.3	19.9	2.8
56.04		6072	4.6	13.0	12.6	21.5	4.1
41.94		2567	22.2	19.4	12.6	33.5	8.1
42.07		1710	13.5	14.7	14.4	22.3	10.7
44.44		6065	4.5	4.5	14.2	18.4	0.2
-29.99	Min	Cent	-5.0	-10.5	-16.2	-0.7	-24.2
-15.70		6072	-2.7	-20.2	-15.6	-1.4	-28.9
-41.81		2567	-19.2	-22.5	-15.2	-5.6	-36.1
-29.24		1710	-7.3	-13.9	-16.5	-4.3	-20.9
-23.62		6065	-3.2	-10.4	-16.6	1.5	-23.5

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-----
Max   Cent   0.0   0.0
      6072   0.0   0.0
      2567   0.0   0.0
      1710   0.0   0.0
    
```

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Min	6065	0.0	0.0
	Cent	-0.0	-0.0
	6072	-0.1	-0.0
	2567	-0.1	-0.0
	1710	-0.0	-0.0
	6065	-0.0	-0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

6198	2	12	c mob-a	Max	Cent	3.0	138.5	37.5	148.2	-6.7
	75.50				6079	3.0	357.5	37.5	361.4	-1.0
	84.02				3146	3.0	2.8	37.5	40.5	-34.6
	44.95				2567	44.9	2.8	37.5	66.9	-19.2
	30.38				6072	44.9	357.5	37.5	361.9	40.4
	83.25			Min	Cent	-47.8	-190.9	-7.0	-47.5	-191.2
	-2.79				6079	-136.7	-184.8	-7.0	-135.7	-185.8
	-8.11				3146	-136.7	-245.7	-7.0	-136.3	-246.2
	-3.65				2567	-2.5	-245.7	-7.0	-2.3	-245.9
	-1.65				6072	-2.5	-184.8	-7.0	-2.2	-185.1
	-2.19									
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	6.5	6.4	13.1	19.5	-6.6
	44.82				6079	3.4	8.0	15.7	21.5	-10.1
	49.16				3146	14.6	6.6	15.2	26.3	-5.2
	37.68				2567	11.5	7.5	10.5	20.2	-1.2
	39.59				6072	1.5	9.8	11.0	17.4	-6.0
	55.36			Min	Cent	-11.9	-15.1	-7.1	-6.2	-20.7
	-38.65				6079	-6.9	-19.1	-10.0	-1.3	-24.7
	-29.36				3146	-41.2	-37.6	-6.4	-32.8	-46.1
	-52.86				2567	-3.9	-4.4	-3.7	-0.4	-7.9
	-43.03				6072	-1.2	-9.5	-6.7	2.6	-13.2
	-29.12									
					NODE	Vxx	Vyy			
				Max	Cent	0.0	0.0			
					6079	0.1	0.0			
					3146	0.1	0.0			
					2567	0.0	0.0			
					6072	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					6079	-0.0	-0.0			
					3146	-0.0	-0.0			
					2567	-0.0	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		6072	-0.0	-0.0			
57.21	c mob-b Max	Cent	12.7	42.8	33.2	64.2	-8.6
71.34		6079	41.0	127.9	33.2	139.1	29.8
29.55		3146	41.0	1.3	33.2	59.8	-17.5
36.58		2567	21.4	1.3	33.2	46.0	-23.3
74.06		6072	21.4	127.9	33.2	137.4	11.9
-5.70	Min	Cent	-14.6	-277.2	-26.5	-11.9	-279.9
-3.96		6079	-45.0	-425.9	-26.5	-43.1	-427.8
-12.10		3146	-45.0	-162.8	-26.5	-39.3	-168.5
-10.19		2567	-20.3	-162.8	-26.5	-15.6	-167.6
-3.72		6072	-20.3	-425.9	-26.5	-18.6	-427.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.42	Max	Cent	13.4	11.7	15.1	27.7	-2.5
54.17		6079	8.9	22.8	20.9	37.8	-6.2
27.85		3146	37.1	12.7	17.9	46.5	3.3
36.34		2567	13.8	7.4	10.3	21.4	-0.2
52.80		6072	2.9	10.0	12.7	19.7	-6.8
-44.29	Min	Cent	-14.3	-14.9	-11.9	-2.7	-26.5
-33.68		6079	-11.4	-25.0	-16.3	-0.6	-35.8
-59.77		3146	-43.4	-28.7	-13.0	-21.1	-51.0
-50.55		2567	-11.0	-8.1	-7.6	-1.8	-17.3
-38.17		6072	-2.8	-8.1	-10.8	5.7	-16.6
		NODE	Vxx	Vyy			
	Max	Cent	0.0	0.0			
		6079	0.1	0.0			
		3146	0.1	0.0			
		2567	0.0	0.0			
		6072	0.0	0.0			
	Min	Cent	-0.0	-0.0			
		6079	-0.1	-0.0			
		3146	-0.1	-0.0			
		2567	-0.0	-0.0			
		6072	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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12.27          pp          Cent          4.4          -176.8          41.4          13.4          -185.7
6079          -11.6          -198.1          41.4          -2.8          -206.9
11.96          3146          -11.6          -155.4          41.4          -0.5          -166.4
14.95          2567          20.4          -155.4          41.4          29.6          -164.6
12.60          6072          20.4          -198.1          41.4          28.0          -205.7
10.37
          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
20.35          Cent          -5.0          -16.0          4.7          -3.3          -17.7
6079          -4.0          -22.3          4.2          -3.1          -23.2
12.41          3146          -24.3          -29.6          7.0          -19.4          -34.4
34.62          2567          7.2          -6.7          5.5          9.1          -8.6
19.23          6072          0.9          -5.3          2.7          1.9          -6.3
20.82
          NODE          Vxx          Vyy
-----
          Cent          0.0          -0.0
          6079          0.0          -0.0
          3146          0.0          -0.0
          2567          -0.0          -0.0
          6072          -0.0          -0.0
          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----
-72.16        vento -y        Cent          0.0          1.3          -0.5          1.5          -0.1
6079          0.2          3.3          -0.5          3.4          0.2
-81.51        3146          0.2          -0.6          -0.5          0.4          -0.8
-23.99        2567          -0.2          -0.6          -0.5          0.1          -0.9
-31.98        6072          -0.2          3.3          -0.5          3.4          -0.2
-82.41
          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
43.66          Cent          -0.1          -0.2          0.4          0.3          -0.6
6079          0.1          -0.3          0.4          0.3          -0.5
30.35          3146          -0.5          -0.3          0.4          0.0          -0.7
53.07          2567          -0.1          -0.0          0.5          0.4          -0.5
47.93          6072          -0.0          -0.1          0.5          0.4          -0.5
43.02
          NODE          Vxx          Vyy
-----

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Cent      0.0      -0.0
6079      0.0      -0.0
3146      0.0      -0.0
2567      0.0      -0.0
6072      0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-2.86	cedime~1	Cent	24.9	-110.1	-6.8	25.2	-110.4
-1.12		6079	64.9	-282.0	-6.8	65.1	-282.1
-38.52		3146	64.9	61.8	-6.8	70.3	56.4
-85.01		2567	-15.1	61.8	-6.8	62.4	-15.7
-1.45		6072	-15.1	-282.0	-6.8	-14.9	-282.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-47.94	Cent	-2.9	-0.2	-13.1	11.6	-14.7
-45.70	6079	-3.0	-2.2	-16.0	13.5	-18.6
-55.00	3146	-3.1	8.2	-15.6	19.1	-14.0
-50.92	2567	-6.5	-2.0	-10.5	6.5	-15.0
-37.68	6072	0.9	-4.9	-11.0	9.4	-13.4

```

NODE      Vxx      Vyy
Cent      0.0      0.0
6079      0.0      0.0
3146      0.0      0.0
2567      0.0      0.0
6072      0.0      0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
12.41	perm	Cent	1.0	-63.1	14.8	4.2	-66.4
11.21		6079	-5.7	-77.5	14.8	-2.7	-80.4
17.27		3146	-5.7	-48.7	14.8	-1.1	-53.3
13.87		2567	7.6	-48.7	14.8	11.3	-52.4
9.60		6072	7.6	-77.5	14.8	10.1	-80.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.27	Cent	-2.0	-5.2	0.5	-1.9	-5.3
1.99	6079	-1.5	-7.7	0.2	-1.5	-7.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

38.00		3146	-9.5	-10.2	1.3	-8.5	-11.2
12.62		2567	2.6	-1.6	1.0	2.9	-1.8
-3.08		6072	0.3	-1.4	-0.1	0.3	-1.4

NODE	Vxx	Vyy
Cent	0.0	-0.0
6079	0.0	-0.0
3146	0.0	-0.0
2567	-0.0	-0.0
6072	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
64.45	INV TO~1	Max	Cent	43.1	123.8	65.5	155.1	-13.2
79.89			6079	114.5	405.1	65.5	416.8	60.0
25.13			3146	114.5	16.9	65.5	142.1	-10.6
24.60			2567	68.2	16.9	65.5	98.2	-26.4
79.38			6072	68.2	405.1	65.5	417.4	55.9
-3.20		Min	Cent	-63.6	-547.4	-27.7	-62.4	-548.9
-2.59			6079	-190.2	-934.4	-27.7	-189.3	-935.4
-6.21			3146	-190.2	-380.4	-27.7	-188.0	-382.7
-5.53			2567	-34.9	-380.4	-27.7	-32.3	-381.7
-1.76			6072	-34.9	-934.4	-27.7	-34.1	-935.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
41.29	Max	Cent	16.1	10.6	20.9	34.4	3.8	
51.20			6079	10.5	23.0	28.4	45.8	0.2
28.28			3146	40.5	15.2	25.4	54.2	11.4
33.63			2567	21.3	8.6	15.2	31.4	4.4
51.48			6072	5.1	12.1	17.1	25.8	-0.0
-41.14	Min	Cent	-24.3	-25.8	-28.6	-7.8	-53.6	
-30.30			6079	-19.9	-43.6	-37.8	-4.2	-71.4
-51.22			3146	-71.2	-61.0	-31.8	-48.0	-95.0
-44.66			2567	-18.7	-14.5	-19.7	-3.1	-36.5
-35.02			6072	-3.5	-19.1	-25.7	6.8	-37.9

NODE	Vxx	Vyy	
Max	Cent	0.1	0.0

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	Company		Client	
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	6079	0.1	0.0
	3146	0.1	0.0
	2567	0.0	0.0
	6072	0.0	0.0
Min	Cent	-0.1	-0.0
	6079	-0.1	-0.0
	3146	-0.1	-0.1
	2567	-0.1	-0.1
	6072	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
64.45	INV TO~2	Max	Cent	43.1	123.8	65.5	155.1	-13.2
79.89			6079	114.5	405.1	65.5	416.8	60.0
25.13			3146	114.5	16.9	65.5	142.1	-10.6
24.60			2567	68.2	16.9	65.5	98.2	-26.4
79.38			6072	68.2	405.1	65.5	417.4	55.9
-3.20		Min	Cent	-63.6	-547.4	-27.7	-62.4	-548.9
-2.59			6079	-190.2	-934.4	-27.7	-189.3	-935.4
-6.21			3146	-190.2	-380.4	-27.7	-188.0	-382.7
-5.53			2567	-34.9	-380.4	-27.7	-32.3	-381.7
-1.76			6072	-34.9	-934.4	-27.7	-34.1	-935.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
41.29	Max	Cent	16.1	10.6	20.9	34.4	3.8
51.20		6079	10.5	23.0	28.4	45.8	0.2
28.28		3146	40.5	15.2	25.4	54.2	11.4
33.63		2567	21.3	8.6	15.2	31.4	4.4
51.48		6072	5.1	12.1	17.1	25.8	-0.0
-41.14	Min	Cent	-24.3	-25.8	-28.6	-7.8	-53.6
-30.30		6079	-19.9	-43.6	-37.8	-4.2	-71.4
-51.22		3146	-71.2	-61.0	-31.8	-48.0	-95.0
-44.66		2567	-18.7	-14.5	-19.7	-3.1	-36.5
20.82		6072	-3.5	-19.1	-25.7	2.6	-37.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	6079	0.1	0.0
	3146	0.1	0.0
	2567	0.0	0.0
	6072	0.0	0.0
Min	Cent	-0.1	-0.0

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6079 -0.1 -0.0
 3146 -0.1 -0.1
 2567 -0.1 -0.1
 6072 -0.1 -0.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6207	2	12	c mob-a	Max Cent	3.2	4.3	19.1	22.9	-15.4
45.79				6081	50.2	19.9	31.0	69.6	0.6
32.00				1020	46.5	5.5	9.3	48.4	3.5
12.16				567	1.7	8.5	4.8	11.0	-0.8
62.74				566	1.8	87.0	39.1	102.2	-13.4
68.75				Min Cent	-31.4	-489.2	-78.8	-18.2	-502.4
-9.50				6081	-12.6	-256.3	-61.0	1.9	-270.7
-13.30				1020	-14.8	-733.2	-98.1	-1.6	-746.4
-7.64				567	-115.0	-888.0	-110.7	-99.5	-903.5
-8.00				566	-106.9	-143.3	-53.2	-68.9	-181.3
-35.56									
ANGLE				NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.77				Max Cent	1.8	3.2	7.3	9.8	-4.8
70.11				6081	1.1	16.4	6.4	18.8	-1.2
74.30				1020	22.0	44.2	6.8	46.1	20.1
42.90				567	7.2	6.3	6.2	13.0	0.5
71.40				566	3.3	16.7	5.1	18.4	1.6
-18.89				Min Cent	-6.0	-19.9	-5.4	-4.1	-21.7
-35.95				6081	-4.5	-8.7	-6.4	0.1	-13.3
-40.79				1020	-2.7	-5.3	-8.9	5.0	-13.0
-2.18				567	-31.5	-72.1	-1.5	-31.5	-72.1
-4.42				566	-4.7	-58.8	-4.2	-4.4	-59.1
				NODE	Vxx	Vyy			
				Max Cent	0.0	0.1			
				6081	0.0	0.1			
				1020	0.0	0.1			
				567	0.1	0.1			
				566	0.1	0.1			
				Min Cent	-0.0	-0.0			
				6081	-0.0	-0.0			
				1020	-0.0	-0.0			
				567	-0.0	-0.0			
				566	-0.0	-0.0			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
39.88	c mob-b	Max Cent	6.7	0.9	16.1	20.2	-12.5
20.35		6081	85.0	22.5	26.9	95.0	12.5
7.40		1020	81.9	6.9	9.9	83.2	5.6
69.47		567	0.4	15.3	6.5	17.8	-2.0
68.41		566	0.7	76.8	35.7	90.9	-13.5
-13.23		Min Cent	-32.5	-539.5	-126.1	-2.9	-569.1
-16.46		6081	-10.4	-359.0	-112.9	23.0	-392.4
-9.95		1020	-12.0	-786.1	-140.1	12.6	-810.6
-10.13		567	-134.8	-943.7	-149.2	-108.2	-970.3
-27.51		566	-129.0	-275.9	-105.0	-74.3	-330.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.21	Max Cent	1.4	0.2	9.6	10.5	-8.8
74.19	6081	0.2	24.9	7.6	27.1	-2.0
75.69	1020	29.6	57.1	7.5	59.0	27.7
40.24	567	6.4	3.9	7.5	12.7	-2.5
46.70	566	4.1	4.9	6.8	11.3	-2.4
-21.22	Min Cent	-7.9	-22.7	-6.8	-5.2	-25.3
-34.81	6081	-5.4	-10.6	-7.0	-0.5	-15.5
-41.63	1020	-1.8	-4.1	-9.9	7.1	-12.9
-3.58	567	-42.6	-85.8	-2.7	-42.4	-86.0
-4.27	566	-5.6	-74.3	-5.2	-5.2	-74.7

NODE	Vxx	Vyy
Max Cent	0.0	0.1
6081	0.0	0.1
1020	0.0	0.1
567	0.1	0.1
566	0.1	0.1
Min Cent	-0.0	-0.0
6081	-0.1	-0.0
1020	-0.1	-0.0
567	-0.0	-0.0
566	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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-12.85	pp	Cent	-20.1	-639.2	-149.0	13.9	-673.2
-12.91		6081	101.2	-424.3	-127.1	130.3	-453.4
-9.89		1020	96.7	-854.1	-171.0	126.5	-883.9
-12.06		567	-163.3	-988.3	-184.7	-123.8	-1027.8
-29.71		566	-156.0	-290.0	-113.4	-91.3	-354.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

13.30		Cent	-5.4	-17.0	2.9	-4.7	-17.7
84.41		6081	-3.4	14.6	1.8	14.8	-3.6
-83.93		1020	26.6	45.4	-2.0	45.6	26.4
7.41		567	-37.3	-72.2	4.6	-36.7	-72.8
1.80		566	-2.1	-53.2	1.6	-2.0	-53.3

NODE	Vxx	Vyy
Cent	0.0	0.1
6081	-0.0	0.1
1020	-0.0	0.1
567	0.1	0.1
566	0.1	0.1

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

57.01	vento -y	Cent	-1.1	3.0	4.7	6.1	-4.1
70.30		6081	-3.4	9.6	5.3	11.5	-5.3
45.24		1020	-3.5	-3.5	4.0	0.5	-7.5
19.11		567	1.6	-7.5	3.6	2.8	-8.8
67.97		566	1.8	13.6	5.7	15.9	-0.5

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
------	-----	-----	-----	------	------

26.73		Cent	0.2	0.0	0.1	0.3	-0.1
6.50		6081	0.0	-0.7	0.1	0.0	-0.7
35.46		1020	-0.4	-0.5	0.2	-0.2	-0.7
5.53		567	0.9	0.4	0.0	0.9	0.4
84.24		566	0.1	0.8	0.1	0.8	0.1

NODE	Vxx	Vyy
Cent	-0.0	-0.0
6081	0.0	-0.0

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1020 0.0 -0.0
 567 -0.0 -0.0
 566 -0.0 -0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-79.42	cedime~1	Cent	26.4	216.4	-36.8	223.2	19.5
-36.10		6081	19.7	-19.3	-60.8	64.1	-63.7
-88.30		1020	24.6	452.0	-12.7	452.4	24.3
89.77		567	35.2	599.2	2.3	599.3	35.2
-19.03		566	27.3	-166.5	-75.9	53.4	-192.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-61.51	Cent	-0.8	6.7	-5.8	9.8	-4.0
-79.64	6081	0.5	18.7	-3.4	19.3	-0.1
-34.76	1020	3.0	-0.8	-5.1	6.6	-4.4
-77.36	567	-1.8	15.3	-4.0	16.2	-2.7
-33.84	566	-4.0	-7.8	-4.5	-1.0	-10.8

NODE	Vxx	Vyy
Cent	-0.0	0.0
6081	-0.0	0.0
1020	-0.0	-0.0
567	0.0	-0.0
566	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.88	perm	Cent	-5.4	-227.2	-58.4	9.1	-241.6
-13.47		6081	40.0	-164.8	-52.0	52.4	-177.3
-10.76		1020	38.7	-289.6	-64.7	51.0	-301.9
-13.50		567	-58.8	-328.6	-68.7	-42.3	-345.1
-27.13		566	-56.7	-125.8	-48.0	-32.1	-150.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.36	Cent	-3.5	-7.7	0.7	-3.4	-7.8
89.55	6081	-1.9	9.0	0.1	9.0	-1.9
-78.51	1020	13.7	23.7	-2.1	24.1	13.3

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8.04	567	-21.8	-35.2	1.9	-21.5	-35.4
1.20	566	-1.4	-27.1	0.5	-1.4	-27.2

NODE	Vxx	Vyy
Cent	0.0	0.0
6081	-0.0	0.0
1020	-0.0	0.1
567	0.1	0.1
566	0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-37.89	INV TO~1	Max	Cent	30.1	-5.1	-32.5	84.0	-59.0
-11.69			6081	174.5	-134.5	-10.1	189.2	-134.8
-44.54			1020	173.9	171.8	-51.4	237.0	108.7
-79.88			567	-21.3	291.4	-57.7	301.7	-31.6
-21.95			566	-27.0	-8.4	4.7	1.7	-54.7
-13.39		Min	Cent	-49.3	-955.5	-265.4	5.1	-1009.9
-15.65			6081	23.0	-668.8	-265.2	80.2	-756.8
-10.17			1020	18.7	-1350.8	-266.6	64.2	-1396.3
-10.82			567	-240.8	-1602.5	-270.2	-189.2	-1654.2
-27.42			566	-230.8	-664.9	-265.7	-132.4	-786.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
42.58	Max	Cent	-1.1	3.3	13.7	11.5	-7.6	
83.63			6081	0.1	61.3	10.4	62.1	-0.7
80.60			1020	56.7	100.8	8.0	102.1	56.5
49.37			567	-12.1	-11.4	12.0	-4.5	-20.7
33.03			566	4.1	-4.6	9.8	10.4	-11.0
-17.42		Min	Cent	-15.0	-38.3	-14.2	-11.5	-41.0
-50.68			6081	-9.2	-5.4	-12.9	2.3	-16.9
-50.82			1020	10.1	15.7	-20.7	29.2	-6.3
-5.96			567	-81.1	-151.0	-5.8	-80.5	-151.1
-5.09			566	-13.0	-135.2	-11.0	-12.0	-136.2

NODE	Vxx	Vyy	
Max	Cent	0.1	0.2
	6081	-0.0	0.2
	1020	-0.0	0.2

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	567	0.2	0.2
	566	0.2	0.2
Min	Cent	0.0	0.0
	6081	-0.1	0.0
	1020	-0.1	0.0
	567	0.0	0.0
	566	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	30.1	-5.1	-32.5	84.0	-59.0
-37.89			6081	174.5	-134.5	-10.1	189.2	-134.8
-11.69			1020	173.9	171.8	-51.4	237.0	108.7
-44.54			567	-21.3	291.4	-57.7	301.7	-31.6
-79.88			566	-27.0	-8.4	4.7	1.7	-54.7
-21.95		Min	Cent	-49.3	-955.5	-265.4	5.1	-1009.9
-13.39			6081	23.0	-668.8	-265.2	80.2	-756.8
-15.65			1020	18.7	-1350.8	-266.6	64.2	-1396.3
-10.17			567	-240.8	-1602.5	-270.2	-189.2	-1654.2
-10.82			566	-230.8	-664.9	-265.7	-132.4	-786.0
-27.42								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	-1.1	3.3	13.7	11.5	-7.6	
42.58		6081	0.1	61.3	10.4	62.1	-0.7	
83.63		1020	56.7	100.8	8.0	102.1	56.5	
80.60		567	-12.1	-11.4	12.0	-4.5	-20.7	
49.37		566	4.1	-4.6	9.8	10.4	-11.0	
33.03		Min	Cent	-15.0	-38.3	-14.2	-11.5	-41.0
-17.42			6081	-9.2	-5.4	-12.9	2.3	-16.9
-50.68			1020	10.1	15.7	-20.7	29.2	-6.3
-50.82			567	-81.1	-151.0	-5.8	-80.5	-151.1
-5.96			566	-13.0	-135.2	-11.0	-12.0	-136.2
-5.09								

	NODE	Vxx	Vyy

Max	Cent	0.1	0.2
	6081	-0.0	0.2
	1020	-0.0	0.2
	567	0.2	0.2
	566	0.2	0.2
Min	Cent	0.0	0.0
	6081	-0.1	0.0
	1020	-0.1	0.0

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
					567	0.0	0.0			
					566	0.0	-0.0			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6208	2	12	c mob-a	Max	Cent	23.3	6.9	50.0	65.8	
	40.34				6082	1.8	85.5	50.0	108.9	
	64.97				1705	1.8	2.4	50.0	52.1	
	45.16				1020	96.2	2.4	50.0	117.8	
	23.41				6081	96.2	85.5	50.0	141.1	
	41.95			Min	Cent	-0.3	-305.0	-4.0	-0.2	
	-0.75				6082	-49.9	-345.1	-4.0	-49.8	
	-0.77				1705	-49.9	-307.4	-4.0	-49.8	
	-0.88				1020	-2.0	-307.4	-4.0	-1.9	
	-0.75				6081	-2.0	-345.1	-4.0	-1.9	
	-0.66									

ELEM	MAT	SEC	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3.2	5.1	5.3	9.5	
	50.07				6082	1.4	2.7	4.0	6.1	
	49.73				1705	11.4	25.4	4.2	26.6	
	74.40				1020	9.0	13.5	4.9	16.7	
	57.56				6081	4.0	21.8	4.8	23.0	
	75.81			Min	Cent	-0.4	-1.6	-5.2	4.2	
	-41.75				6082	-4.3	-12.2	-4.6	-2.1	
	-24.84				1705	-5.3	-10.8	-4.5	-2.8	
	-29.13				1020	-4.3	-21.3	-6.9	-1.8	
	-19.42				6081	-1.4	-3.8	-7.1	4.5	
	-40.11									

ELEM	MAT	SEC	LC	NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0			
					6082	0.0	0.0			
					1705	0.0	0.0			
					1020	0.0	0.0			
					6081	0.0	0.0			
				Min	Cent	-0.0	-0.0			
					6082	-0.0	-0.0			
					1705	-0.0	-0.0			
					1020	-0.0	-0.0			
					6081	-0.0	-0.0			

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

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ANGLE

41.22	c mob-b	Max	Cent	28.1	10.5	66.4	86.2	-47.7
56.68			6082	2.1	59.4	66.4	103.0	-41.6
45.91			1705	2.1	6.3	66.4	70.6	-62.3
24.72			1020	119.9	6.3	66.4	150.4	-24.3
32.75			6081	119.9	59.4	66.4	162.6	16.7
-1.98		Min	Cent	-0.3	-386.0	-13.3	0.1	-386.5
-1.65			6082	-64.1	-527.2	-13.3	-63.7	-527.6
-2.93			1705	-64.1	-323.5	-13.3	-63.4	-324.2
-2.36			1020	-1.2	-323.5	-13.3	-0.6	-324.1
-1.45			6081	-1.2	-527.2	-13.3	-0.8	-527.6

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.42		Max	Cent		3.9	7.0	7.0	12.6	-1.7
49.99			6082		1.3	3.1	5.2	7.5	-3.0
70.72			1705		11.7	26.0	5.7	28.0	9.7
48.69			1020		16.0	17.6	6.1	22.9	10.6
77.19			6081		4.7	28.1	5.6	29.4	3.4
-42.45		Min	Cent		-0.0	-1.2	-6.4	5.8	-7.1
-23.89			6082		-4.5	-14.4	-5.5	-2.1	-16.8
-35.96			1705		-6.1	-9.3	-4.9	-2.6	-12.9
-21.87			1020		-4.2	-21.6	-8.3	-0.9	-25.0
-46.93			6081		-2.2	-1.0	-8.8	7.2	-10.4

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		6082		0.0	0.0
		1705		0.0	0.0
		1020		0.0	0.0
		6081		0.0	0.0
	Min	Cent		-0.0	-0.0
		6082		-0.0	-0.0
		1705		-0.0	-0.0
		1020		-0.0	-0.0
		6081		-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
9.27	pp	Cent	34.6	-423.1	76.8	47.1	-435.6

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8.91	6082	-78.0	-555.8	76.8	-66.0	-567.9
17.93	1705	-78.0	-290.4	76.8	-53.2	-315.2
9.67	1020	147.2	-290.4	76.8	160.3	-303.5
6.16	6081	147.2	-555.8	76.8	155.5	-564.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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37.95	Cent	4.0	3.7	0.7	4.6	3.1
3.14	6082	-3.2	-13.9	0.6	-3.1	-13.9
55.21	1705	3.0	3.9	1.2	4.7	2.1
-5.96	1020	14.1	2.9	-1.2	14.3	2.8
-84.80	6081	2.2	21.7	-1.8	21.9	2.0

	NODE	Vxx	Vyy
	Cent	-0.0	-0.0
	6082	-0.0	-0.0
	1705	-0.0	0.0
	1020	-0.0	0.0
	6081	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-70.84	vento -y	Cent	-0.3	5.3	-2.2	6.1	-1.1
-79.91		6082	1.9	13.9	-2.2	14.3	1.5
-20.27		1705	1.9	-3.3	-2.2	2.7	-4.1
-39.60		1020	-2.5	-3.3	-2.2	-0.6	-5.1
-82.44		6081	-2.5	13.9	-2.2	14.2	-2.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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38.92	Cent	-0.0	-0.1	0.3	0.2	-0.3
46.50	6082	-0.1	-0.1	0.2	0.1	-0.3
66.24	1705	0.4	0.8	0.2	0.9	0.4
21.64	1020	-0.5	-1.0	0.2	-0.4	-1.1
28.12	6081	0.1	-0.2	0.3	0.2	-0.4

	NODE	Vxx	Vyy
	Cent	0.0	0.0
	6082	-0.0	0.0
	1705	-0.0	0.0
	1020	0.0	0.0

PROJECT TITLE :

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6081			0.0	0.0			
ANGLE							

-69.03	cedime~1	Cent	-8.2	24.1	-14.5	29.7	-13.8
-5.51		6082	18.5	-130.6	-14.5	19.9	-132.0
-84.87		1705	18.5	178.8	-14.5	180.1	17.2
-86.13		1020	-34.9	178.8	-14.5	179.8	-35.9
-8.44		6081	-34.9	-130.6	-14.5	-32.8	-132.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-50.89		Cent	-0.4	2.1	-6.0	6.9	-5.3
-47.74		6082	2.9	3.8	-4.2	7.6	-0.9
-17.27		1705	-12.6	-24.0	-3.9	-11.3	-25.3
-74.12		1020	11.5	27.0	-4.8	28.3	10.1
-58.56		6081	-3.6	1.6	-5.1	4.7	-6.7
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		6082	0.0	0.0			
		1705	0.0	-0.0			
		1020	-0.0	-0.0			
		6081	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

9.72	perm	Cent	12.6	-156.6	29.9	17.8	-161.7
8.95		6082	-29.0	-213.8	29.9	-24.3	-218.5
20.15		1705	-29.0	-99.4	29.9	-18.0	-110.3
10.62		1020	54.3	-99.4	29.9	59.9	-105.0
6.28		6081	54.3	-213.8	29.9	57.6	-217.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-55.84		Cent	1.8	2.6	-1.0	3.3	1.1
-11.04		6082	-1.0	-5.4	-0.9	-0.9	-5.6
-60.79		1705	-0.4	0.3	-0.5	0.5	-0.7
-23.04		1020	7.8	4.2	-1.9	8.6	3.4

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Min	Cent	-0.0	-0.1
	6082	-0.0	-0.1
	1705	-0.0	-0.1
	1020	-0.1	-0.1
	6081	-0.1	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
25.54	INV TO~2	Max Cent	50.5	-118.4	119.5	107.6	-170.2
36.61		6082	-7.7	-98.3	119.5	62.5	-187.1
57.24		1705	-7.7	87.8	119.5	155.4	-75.3
18.95		1020	216.1	87.8	119.5	257.1	19.6
18.62		6081	216.1	-98.3	119.5	256.3	-138.6
-0.23	Min	Cent	4.0	-677.7	-2.6	4.0	-677.9
0.84		6082	-115.5	-1056.1	-2.6	-115.3	-1056.1
1.61		1705	-115.5	-536.1	-2.6	-115.2	-536.5
-0.41		1020	16.7	-536.1	-2.6	16.7	-536.4
-0.14		6081	16.7	-1056.1	-2.6	16.7	-1056.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.45	Max	Cent	7.0	14.1	8.4	18.3
40.26		6082	3.8	2.6	6.1	6.1
72.12		1705	15.4	35.4	7.2	37.7
83.63		1020	40.9	54.9	6.4	55.1
89.70		6081	7.0	50.7	5.3	50.7
37.95	Min	Cent	0.8	0.5	-15.7	6.2
3.14		6082	-7.1	-24.8	-12.5	-4.2
-26.17		1705	-21.2	-38.3	-11.1	-15.8
-22.06		1020	2.1	-25.0	-17.9	7.4
-53.25		6081	-6.0	6.0	-19.2	16.6

	NODE	Vxx	Vyy
Max	Cent	-0.0	0.0
	6082	0.0	-0.0
	1705	0.0	0.1
	1020	-0.0	0.1
	6081	-0.0	-0.0
Min	Cent	-0.0	-0.1
	6082	-0.0	-0.1
	1705	-0.0	-0.1
	1020	-0.1	-0.1
	6081	-0.1	-0.1

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
6209	2	12	c mob-a	Max	Cent	5.5	61.8	35.5	78.9	-11.6	
	64.20				6083	16.9	194.3	35.5	201.1	10.0	
	79.10				2562	16.9	1.6	35.5	45.5	-27.1	
	38.91				1705	2.3	1.6	35.5	37.4	-33.5	
	44.70				6082	2.3	194.3	35.5	200.7	-4.0	
	79.86			Min	Cent	-11.1	-239.6	-4.8	-11.0	-239.7	
	-1.21				6083	-11.4	-267.4	-4.8	-11.3	-267.5	
	-1.08				2562	-11.4	-248.8	-4.8	-11.3	-248.9	
	-1.16				1705	-19.6	-248.8	-4.8	-19.5	-248.9	
	-1.20				6082	-19.6	-267.4	-4.8	-19.5	-267.5	
	-1.11										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3.5	4.3	6.3	10.2	-2.4	
	46.90				6083	1.0	6.6	4.7	9.3	-1.7	
	60.35				2562	17.9	37.3	4.6	38.4	16.9	
	77.26				1705	3.5	10.2	4.6	12.5	1.1	
	63.14				6082	4.7	18.3	4.6	19.7	3.3	
	73.05			Min	Cent	-2.4	-5.3	-1.0	-2.1	-5.7	
	-17.40				6083	-3.8	-19.1	-0.6	-3.8	-19.1	
	-2.30				2562	-9.2	-16.8	-0.8	-9.1	-16.9	
	-6.09				1705	-9.3	-34.1	-2.4	-9.1	-34.3	
	-5.51				6082	-1.6	-7.9	-2.1	-1.0	-8.5	
	-16.84										
					NODE	Vxx	Vyy				
				Max	Cent	0.0	0.0				
					6083	0.0	0.0				
					2562	0.0	0.1				
					1705	0.0	0.1				
				Min	Cent	-0.0	-0.0				
					6083	-0.0	-0.0				
					2562	-0.0	-0.0				
					1705	-0.0	-0.0				
					6082	-0.0	-0.0				
					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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54.80      c mob-b Max Cent      3.9      28.4      34.5      52.8      -20.5
69.08                                6083      16.4      93.5      34.5      106.7      3.2
39.66                                2562      16.4      3.4      34.5      45.0      -25.2
45.75                                1705      1.6      3.4      34.5      37.0      -32.0
71.55                                6082      1.6      93.5      34.5      105.0      -9.9
-2.42      Min Cent     -17.6     -325.4     -13.0     -17.1     -325.9
-1.73                                6083     -18.4     -449.2     -13.0     -18.0     -449.6
-3.09                                2562     -18.4     -258.7     -13.0     -17.7     -259.4
-3.20                                1705     -26.6     -258.7     -13.0     -25.8     -259.4
-1.76                                6082     -26.6     -449.2     -13.0     -26.2     -449.6

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ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.61      Max Cent      3.3      4.1      7.2      10.9      -3.5
64.25                                6083      1.0      8.3      4.6      10.5      -1.2
77.74                                2562      18.8     38.3      4.5      39.3      17.8
49.17                                1705      3.7      5.6      6.3      11.0      -1.7
68.56                                6082      5.0     18.6      6.3     21.1      2.5
-26.63     Min Cent     -2.6     -5.4     -1.8     -1.7     -6.3
-4.92                                6083     -4.0     -24.8     -1.8     -3.9     -24.9
-41.09                                2562     -4.8     -5.5     -2.4     -2.8     -7.5
-6.87                                1705    -13.2    -37.0     -2.9    -12.8    -37.4
-28.58                                6082     -0.4     -3.8     -2.6      1.0     -5.3

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		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		6083	0.0	0.0
		2562	0.0	0.1
		1705	0.0	0.1
Min	Cent		0.0	0.0
		6083	-0.0	-0.0
		2562	-0.0	-0.0
		1705	-0.0	-0.0
		6082	-0.0	-0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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8.54      pp      Cent     -19.9     -245.6     34.7     -14.7     -250.8
7.13                                6083     -15.0     -287.9     34.7     -10.6     -292.3

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-28.76	cedime~1	Cent	-8.3	-36.9	-22.5	4.0	-49.3
-6.67		6083	-16.8	-206.2	-22.5	-14.2	-208.8
-81.62		2562	-16.8	132.3	-22.5	135.6	-20.2
-80.61		1705	0.2	132.3	-22.5	136.0	-3.5
-6.14		6082	0.2	-206.2	-22.5	2.6	-208.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-44.80		Cent	-2.1	-2.2	-6.7	4.5	-8.8
-56.66		6083	2.2	7.6	-6.3	11.8	-1.9
-27.37		2562	-7.1	-16.2	-6.4	-3.8	-19.5
-74.33		1705	-1.3	13.5	-4.5	14.8	-2.6
-18.61		6082	-2.3	-13.8	-4.4	-0.9	-15.3
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		6083	0.0	0.0			
		2562	0.0	-0.0			
		1705	0.0	-0.0			
		6082	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
9.03	perm	Cent	-8.3	-89.3	13.2	-6.2	-91.3
7.29		6083	-7.7	-109.3	13.2	-6.1	-111.0
11.62		2562	-7.7	-69.2	13.2	-5.0	-71.9
11.80		1705	-8.8	-69.2	13.2	-6.0	-72.0
7.36		6082	-8.8	-109.3	13.2	-7.1	-111.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
27.51		Cent	0.4	-2.2	1.8	1.3	-3.2
7.72		6083	-0.7	-7.7	1.0	-0.6	-7.8
83.80		2562	5.4	10.2	0.5	10.2	5.4
6.22		1705	-4.6	-13.8	1.0	-4.5	-13.9
55.74		6082	1.3	2.5	1.5	3.5	0.3

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NODE	Vxx	Vyy
Cent	0.0	0.0
6083	-0.0	-0.0
2562	-0.0	0.0
1705	0.0	0.0
6082	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
43.82	INV TO~1	Max	Cent	-0.8	-5.9	61.1	57.8	-64.5
69.24			6083	15.0	153.0	61.1	176.2	-8.1
65.99			2562	15.0	67.7	61.1	84.9	-19.0
66.73			1705	-5.5	67.7	61.1	84.3	-22.1
71.20			6082	-5.5	153.0	61.1	173.8	-26.4
-2.92		Min	Cent	-40.4	-565.5	-26.8	-39.0	-566.8
-1.76			6083	-49.4	-921.9	-26.8	-48.6	-922.7
-6.39			2562	-49.4	-418.4	-26.8	-46.4	-418.4
-0.67			1705	-44.6	-418.4	-26.8	-44.6	-418.4
-0.37			6082	-44.6	-921.9	-26.8	-44.6	-922.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
43.22	Max	Cent	5.1	3.6	11.6	15.9	-2.8
82.79		6083	2.9	11.2	7.4	11.3	2.7
78.24		2562	30.8	61.9	6.8	63.3	29.4
72.44		1705	0.4	13.4	9.5	15.0	-2.4
67.17		6082	8.1	27.6	10.0	31.8	3.9
-5.73	Min	Cent	-5.3	-11.7	-7.3	-3.1	-16.4
-2.40		6083	-6.1	-41.1	-7.8	-6.0	-41.1
-25.56		2562	-14.1	-28.7	-9.1	-9.7	-33.1
-4.02		1705	-23.7	-63.8	-7.4	-22.2	-64.0
-17.28		6082	-3.2	-22.0	-6.5	-1.2	-24.0

NODE	Vxx	Vyy
Max	Cent	0.0
	6083	0.0
	2562	0.0
	1705	0.0
	6082	0.0
Min	Cent	-0.0
	6083	-0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

2562 -0.0 -0.0
 1705 -0.0 -0.0
 6082 -0.0 -0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

43.82	INV TO~2 Max	Cent	-0.8	-5.9	61.1	57.8	-64.5
69.24		6083	15.0	153.0	61.1	176.2	-8.1
65.99		2562	15.0	67.7	61.1	84.9	-19.0
66.73		1705	-5.5	67.7	61.1	84.3	-22.1
71.20		6082	-5.5	153.0	61.1	173.8	-26.4
-2.92	Min	Cent	-40.4	-565.5	-26.8	-39.0	-566.8
-1.76		6083	-49.4	-921.9	-26.8	-48.6	-922.7
-6.39		2562	-49.4	-418.4	-26.8	-46.4	-418.4
-0.67		1705	-44.6	-418.4	-26.8	-44.6	-418.4
-0.37		6082	-44.6	-921.9	-26.8	-44.6	-922.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

43.22	Max	Cent	5.1	3.6	11.6	15.9	-2.8
82.79		6083	2.9	11.2	7.4	11.3	2.7
78.24		2562	30.8	61.9	6.8	63.3	29.4
72.44		1705	0.4	13.4	9.5	15.0	-2.4
67.17		6082	8.1	27.6	10.0	31.8	3.9
-5.73	Min	Cent	-5.3	-11.7	-7.3	-3.1	-16.4
-2.40		6083	-6.1	-41.1	-7.8	-6.0	-41.1
-25.56		2562	-14.1	-28.7	-9.1	-9.7	-33.1
-4.02		1705	-23.7	-63.8	-7.4	-22.2	-64.0
-17.28		6082	-3.2	-22.0	-6.5	-1.2	-24.0

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	6083	0.0	0.0
	2562	0.0	0.1
	1705	0.0	0.1
	6082	0.0	0.0
Min	Cent	-0.0	-0.0
	6083	-0.0	-0.1
	2562	-0.0	-0.0
	1705	-0.0	-0.0
	6082	-0.0	-0.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin			

6210	2	12	c mob-a	Max	Cent	7.4	108.4	24.3	113.9	1.9		
77.17					6084	17.3	279.9	24.3	282.1	15.1		
84.77					3141	17.3	4.4	24.3	35.9	-14.2		
37.57					2562	33.5	4.4	24.3	47.2	-9.3		
29.52					6083	33.5	279.9	24.3	282.3	31.1		
84.43				Min	Cent	-38.5	-216.2	-9.8	-38.0	-216.8		
-3.16					6084	-109.3	-271.1	-9.8	-108.7	-271.7		
-3.46					3141	-109.3	-205.1	-9.8	-108.3	-206.1		
-5.80					2562	-4.7	-205.1	-9.8	-4.2	-205.6		
-2.80					6083	-4.7	-271.1	-9.8	-4.3	-271.5		
-2.11												

					NODE	Mxx	Myy	Mxy	Mmax	Mmin		

				Max	Cent	10.2	9.7	11.3	21.2	-1.3		
44.39					6084	7.3	16.2	14.2	26.7	-3.2		
53.70					3141	30.1	18.9	12.6	38.2	10.7		
33.01					2562	7.2	2.6	7.3	12.6	-2.8		
36.17					6083	6.2	16.1	8.5	21.0	1.3		
60.04				Min	Cent	-11.8	-11.1	-5.6	-5.8	-17.1		
-46.81					6084	-13.0	-30.0	-10.7	-7.8	-35.2		
-25.71					3141	-31.0	-6.0	-7.5	-3.9	-33.0		
-74.56					2562	-9.7	-24.9	-2.8	-9.2	-25.4		
-9.98					6083	-2.2	-7.1	-5.9	1.8	-11.1		
-33.90												

					NODE	Vxx	Vyy					

				Max	Cent	0.0	0.0					
					6084	0.1	0.0					
					3141	0.1	0.0					
					2562	0.0	0.0					
					6083	0.0	0.0					
				Min	Cent	-0.0	-0.0					
					6084	-0.1	-0.0					
					3141	-0.1	-0.0					
					2562	-0.0	-0.0					
					6083	-0.0	-0.0					

					LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

					c mob-b	Max	Cent	12.6	47.9	24.0	60.0	0.5

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9.80	2562	14.0	-103.5	20.9	17.6	-107.1
5.67	6083	14.0	-194.7	20.9	16.0	-196.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	Cent	-9.7	-18.4	2.2	-9.1	-18.9
13.63	6084	-16.0	-40.7	-2.6	-15.8	-41.0
-5.94	3141	-26.4	-5.0	2.0	-4.8	-26.6
84.60	2562	-3.4	-32.6	3.5	-3.0	-33.0
6.83	6083	7.1	4.7	-1.1	7.5	4.3
-21.17						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	-0.0
6084	0.0	-0.0
3141	0.0	0.0
2562	-0.0	0.0
6083	-0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-----	vento -y	Cent	0.4	-0.5	-1.1	1.2	-1.3
-33.74		6084	2.0	-1.4	-1.1	2.3	-1.7
-16.92		3141	2.0	0.4	-1.1	2.5	-0.2
-27.30		2562	-1.1	0.4	-1.1	1.0	-1.7
-61.78		6083	-1.1	-1.4	-1.1	-0.1	-2.4
-41.63							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-----	Cent	-0.0	-0.0	0.3	0.3	-0.3
45.22	6084	-0.0	-0.1	0.3	0.2	-0.4
41.18	3141	0.1	0.4	0.3	0.6	-0.1
57.55	2562	-0.2	-0.5	0.2	-0.0	-0.6
28.91	6083	0.1	0.2	0.2	0.4	-0.1
52.53						

NODE	Vxx	Vyy
-----	-----	-----
Cent	0.0	0.0
6084	-0.0	-0.0
3141	-0.0	0.0
2562	0.0	0.0
6083	0.0	-0.0

LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	cedime~1	Cent	33.1	-105.0	-25.1	37.5	-109.4
-9.97		6084	103.4	-311.3	-25.1	104.9	-312.8
-3.44		3141	103.4	101.3	-25.1	127.5	77.3
-43.79		2562	-37.3	101.3	-25.1	105.7	-41.7
-80.06		6083	-37.3	-311.3	-25.1	-35.0	-313.6
-5.18							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.8	-0.1	-9.6	9.1	-10.0
-46.04	6084	3.3	6.5	-9.2	14.3	-4.5
-49.90	3141	-6.5	-14.6	-9.4	-0.3	-20.8
-33.38	2562	2.7	16.4	-7.6	19.8	-0.7
-66.01	6083	-2.7	-8.8	-7.4	2.3	-13.8
-33.91						

NODE	Vxx	Vyy
Cent	0.0	-0.0
6084	0.0	0.0
3141	0.0	-0.0
2562	0.0	-0.0
6083	0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	3.5	-57.4	4.5	3.9	-57.8
4.19		6084	5.3	-83.1	4.5	5.5	-83.3
2.90		3141	5.3	-31.8	4.5	5.8	-32.3
6.82		2562	1.8	-31.8	4.5	2.4	-32.4
7.50		6083	1.8	-83.1	4.5	2.0	-83.4
3.02							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-2.7	-5.1	0.1	-2.7	-5.2
3.23	6084	-5.2	-12.4	-1.3	-4.9	-12.6
-10.04	3141	-7.4	-0.5	0.1	-0.5	-7.4
88.95	2562	-0.7	-10.2	0.4	-0.7	-10.2
2.40	6083	2.3	2.4	-1.0	3.4	1.3
-46.33						

NODE	Vxx	Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
          Cent      0.0      -0.0
          6084      0.0      -0.0
          3141      0.0       0.0
          2562     -0.0       0.0
          6083     -0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

66.26	INV TO~1	Max	Cent	53.7	88.8	37.2	105.2	4.2
81.81			6084	144.7	294.8	37.2	300.1	35.9
10.30			3141	144.7	79.9	37.2	146.9	77.7
80.42			2562	47.0	79.9	37.2	82.0	7.7
81.63			6083	47.0	294.8	37.2	300.3	41.6
-3.07		Min	Cent	-48.5	-590.6	-48.6	-47.2	-594.6
-2.27			6084	-142.3	-1046.5	-48.6	-141.4	-1048.8
-7.90			3141	-142.3	-308.7	-48.6	-139.1	-312.0
-15.66			2562	-47.6	-308.7	-48.6	-34.0	-310.6
-2.78			6083	-47.6	-1046.5	-48.6	-45.2	-1048.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

42.14	Max	Cent	11.1	8.0	15.3	24.9	3.2	
48.87			6084	8.0	16.0	17.9	2.4	
39.58			3141	33.2	26.7	17.1	12.6	
27.35			2562	13.7	12.9	10.3	10.7	
61.64			6083	11.9	25.6	10.5	31.2	8.1
-42.47	Min	Cent	-28.8	-31.1	-26.2	-12.8	-56.1	
-26.18			6084	-27.8	-70.5	-36.9	-14.2	-86.1
-64.71			3141	-85.1	-38.2	-28.6	-24.7	-98.6
-16.44			2562	-18.3	-44.8	-16.2	-15.8	-47.3
-39.65			6083	-3.4	-15.9	-24.5	13.5	-34.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	6084	0.1	0.0
	3141	0.1	0.1
	2562	0.0	0.1
	6083	0.0	0.0
Min	Cent	-0.0	-0.0
	6084	-0.1	-0.1
	3141	-0.1	-0.0
	2562	-0.0	-0.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6083			-0.0	-0.1			
66.26	INV TO~2	Max Cent	53.7	88.8	37.2	105.2	4.2
81.81		6084	144.7	294.8	37.2	300.1	35.9
10.30		3141	144.7	79.9	37.2	146.9	77.7
80.42		2562	47.0	79.9	37.2	82.0	7.7
81.63		6083	47.0	294.8	37.2	300.3	41.6
-3.07		Min Cent	-48.5	-590.6	-48.6	-47.2	-594.6
-2.27		6084	-142.3	-1046.5	-48.6	-141.4	-1048.8
-7.90		3141	-142.3	-308.7	-48.6	-139.1	-312.0
-15.66		2562	-47.6	-308.7	-48.6	-34.0	-310.6
-2.78		6083	-47.6	-1046.5	-48.6	-45.2	-1048.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.14	Max Cent	11.1	8.0	15.3	24.9	3.2
48.87	6084	8.0	16.0	17.9	25.2	2.4
39.58	3141	33.2	26.7	17.1	47.4	12.6
27.35	2562	13.7	12.9	10.3	16.3	10.7
61.64	6083	11.9	25.6	10.5	31.2	8.1
-42.47	Min Cent	-28.8	-31.1	-26.2	-12.8	-56.1
-5.94	6084	-27.8	-70.5	-36.9	-21.3	-86.1
-64.71	3141	-85.1	-38.2	-28.6	-24.7	-98.6
-16.44	2562	-18.3	-44.8	-16.2	-15.8	-47.3
-21.17	6083	-3.4	-15.9	-24.5	10.2	-34.9

	NODE	Vxx	Vyy
Max	Cent	0.1	0.0
	6084	0.1	0.0
	3141	0.1	0.1
	2562	0.0	0.1
	6083	0.0	0.0
Min	Cent	-0.0	-0.0
	6084	-0.1	-0.1
	3141	-0.1	-0.0
	2562	-0.0	-0.0
	6083	-0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

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6247	2	12	c mob-a	Max	Cent	119.3	47.8	311.1	396.7	-229.6
41.72						6079	119.3	47.8	311.1	-229.6
41.72						5954	119.3	47.8	311.1	-229.6
41.72						5955	119.3	47.8	311.1	-229.6
41.72				Min	Cent	-571.5	-401.6	-27.5	-397.3	-575.8
-81.04						6079	-571.5	-401.6	-27.5	-575.8
-81.04						5954	-571.5	-401.6	-27.5	-575.8
-81.04						5955	-571.5	-401.6	-27.5	-575.8
-81.04										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	93.3	10.3	5.5	93.6	10.0
3.78						6079	17.9	17.0	169.7	-152.2
44.92						5954	307.4	29.8	7.1	29.6
1.46						5955	93.4	44.3	8.6	42.9
9.61				Min	Cent	-27.5	-2.6	-18.9	7.6	-37.7
-61.68						6079	-120.3	-44.0	-39.3	-136.9
-67.06						5954	-64.3	-8.8	-93.9	-134.4
-53.24						5955	-36.7	-15.2	-101.7	-128.2
-48.03										
					NODE	Vxx	Vyy			
				Max	Cent	0.1	0.4			
						6079	0.1	2.0		
						5954	0.1	0.1		
						5955	0.2	0.1		
				Min	Cent	-0.3	-0.1			
						6079	-0.6	-0.3		
						5954	-0.6	-0.3		
						5955	-0.1	-0.3		
				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

			c mob-b	Max	Cent	68.2	31.0	186.0	236.6	-137.3
42.14						6079	68.2	31.0	186.0	-137.3
42.14						5954	68.2	31.0	186.0	-137.3
42.14						5955	68.2	31.0	186.0	-137.3
42.14				Min	Cent	-625.4	-203.8	-36.2	-200.7	-628.5
-85.13						6079	-625.4	-203.8	-36.2	-628.5
-85.13						5954	-625.4	-203.8	-36.2	-628.5

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-6.94	vento -y	Cent	1.4	0.4	-0.1	1.5	0.4
-6.94		6079	1.4	0.4	-0.1	1.5	0.4
-6.94		5954	1.4	0.4	-0.1	1.5	0.4
-6.94		5955	1.4	0.4	-0.1	1.5	0.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-72.74		Cent	-0.4	-0.1	-0.1	-0.0	-0.5
-43.70		6079	-0.1	-0.2	-0.7	0.6	-0.9
81.73		5954	-1.0	0.1	0.2	0.1	-1.0
54.97		5955	-0.2	-0.1	0.2	0.1	-0.4
		NODE	Vxx	Vyy			
		Cent	0.0	-0.0			
		6079	0.0	-0.0			
		5954	0.0	0.0			
		5955	-0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-57.29	cedime~1	Cent	-67.5	1.3	-75.2	49.6	-115.8
-57.29		6079	-67.5	1.3	-75.2	49.6	-115.8
-57.29		5954	-67.5	1.3	-75.2	49.6	-115.8
-57.29		5955	-67.5	1.3	-75.2	49.6	-115.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

26.41		Cent	18.8	1.7	11.3	24.4	-3.9
43.08		6079	-3.1	-6.4	24.2	19.5	-29.0
8.14		5954	37.3	3.5	4.9	38.0	2.8
16.65		5955	22.2	8.0	4.7	23.6	6.6
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		6079	-0.1	0.1			
		5954	-0.1	-0.0			
		5955	0.0	-0.0			

PROJECT TITLE :

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-73.88	perm	Cent	-43.2	-24.4	-5.9	-22.7	-44.9
-73.88		6079	-43.2	-24.4	-5.9	-22.7	-44.9
-73.88		5954	-43.2	-24.4	-5.9	-22.7	-44.9
-73.88		5955	-43.2	-24.4	-5.9	-22.7	-44.9
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-15.62		Cent	8.0	0.3	-2.4	8.7	-0.4
-30.24		6079	-7.3	-10.4	-2.8	-5.7	-12.1
-13.41		5954	15.4	4.8	-2.7	16.0	4.2
-9.32		5955	16.0	6.4	-1.6	16.2	6.1
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		6079	-0.0	-0.0			
		5954	-0.0	-0.0			
		5955	-0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.32	INV TO~1 Max	Cent	117.9	41.4	414.1	494.9	-293.1
42.32		6079	117.9	41.4	414.1	494.9	-293.1
42.32		5954	117.9	41.4	414.1	494.9	-293.1
42.32		5955	117.9	41.4	414.1	494.9	-293.1
-80.58	Min	Cent	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58		6079	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58		5954	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58		5955	-955.0	-566.6	-129.9	-557.5	-994.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
8.31	Max	Cent	152.7	15.9	20.4	155.7	13.5
44.16		6079	58.4	46.9	250.5	298.5	-173.8
6.06		5954	467.7	48.6	45.0	472.4	43.8
20.08		5955	190.3	74.3	49.0	208.2	56.4
	Min	Cent	-85.2	-7.2	-27.9	-1.2	-94.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-75.67							
	6079	-172.8	-90.3	-106.4	-39.5	-241.5	
-58.31							
	5954	-211.0	-26.3	-129.4	40.3	-277.6	
-62.76							
	5955	-105.3	-40.3	-138.9	69.8	-215.4	
-51.58							

	NODE	Vxx	Vyy
Max	Cent	0.2	0.6
	6079	0.4	2.8
	5954	0.4	0.2
Min	5955	0.3	0.2
	Cent	-0.5	-0.2
	6079	-0.9	-1.1
	5954	-0.9	-0.5
	5955	-0.1	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	117.9	41.4	414.1	494.9	-163.1
42.32			6079	117.9	41.4	414.1	494.9	-163.1
42.32			5954	117.9	41.4	414.1	494.9	-163.1
42.32			5955	117.9	41.4	414.1	494.9	-163.1
42.32		Min	Cent	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58			6079	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58			5954	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58			5955	-955.0	-566.6	-129.9	-557.5	-994.3
-80.58								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	152.7	15.9	20.4	155.7	13.5
8.31			6079	58.4	46.9	250.5	298.5	-57.3
44.16			5954	467.7	48.6	45.0	472.4	43.8
6.06			5955	190.3	74.3	49.0	208.2	56.4
20.08		Min	Cent	-85.2	-7.2	-27.9	-1.2	-94.1
-75.67			6079	-172.8	-90.3	-106.4	-39.5	-241.5
-58.31			5954	-211.0	-26.3	-129.4	36.4	-277.6
-20.49			5955	-105.3	-40.3	-138.9	52.9	-215.4
-6.18								

	NODE	Vxx	Vyy
Max	Cent	0.2	0.6
	6079	0.4	2.8
	5954	0.4	0.2
Min	5955	0.3	0.2
	Cent	-0.5	-0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

6079 -0.9 -1.1
 5954 -0.9 -0.5
 5955 -0.1 -0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

6248	2	12	c mob-a	Max	Cent	128.7	17.7	183.5	264.9	-118.5
36.58					6079	128.7	17.7	183.5	264.9	-118.5
36.58					5955	128.7	17.7	183.5	264.9	-118.5
36.58					3146	128.7	17.7	183.5	264.9	-118.5
36.58				Min	Cent	-98.0	-244.6	-16.6	-96.2	-246.4
-6.39					6079	-98.0	-244.6	-16.6	-96.2	-246.4
-6.39					5955	-98.0	-244.6	-16.6	-96.2	-246.4
-6.39					3146	-98.0	-244.6	-16.6	-96.2	-246.4
-6.39										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

				Max	Cent	11.7	9.3	2.3	13.1	8.0
30.99					6079	38.8	17.0	3.8	39.4	16.3
9.59					5955	53.7	46.8	2.5	54.5	46.0
17.72					3146	14.8	26.7	3.9	27.9	13.6
73.28				Min	Cent	-15.9	-11.4	-18.1	4.7	-31.9
-48.52					6079	-17.5	-2.1	-15.2	7.2	-26.8
-58.40					5955	-73.1	-49.4	-26.1	-32.6	-89.9
-57.19					3146	-27.4	-38.7	-17.5	-14.6	-51.5
-36.10										

				NODE	Vxx	Vyy				

				Max	Cent	0.1	0.1			
					6079	0.1	0.1			
					5955	0.1	0.1			
					3146	0.1	0.1			
				Min	Cent	-0.1	-0.1			
					6079	-0.1	-0.0			
					5955	-0.1	-0.1			
					3146	-0.1	-0.0			

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

			c mob-b	Max	Cent	47.2	25.4	139.9	176.6	-104.0
42.76					6079	47.2	25.4	139.9	176.6	-104.0
42.76					5955	47.2	25.4	139.9	176.6	-104.0
42.76										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.76		3146	47.2	25.4	139.9	176.6	-104.0
-64.83	Min	Cent	-219.1	-178.4	-24.6	-166.8	-230.7
-64.83		6079	-219.1	-178.4	-24.6	-166.8	-230.7
-64.83		5955	-219.1	-178.4	-24.6	-166.8	-230.7
-64.83		3146	-219.1	-178.4	-24.6	-166.8	-230.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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26.04	Max	Cent	20.7	10.6	6.5	23.9	7.4
30.44		6079	17.1	8.6	7.7	21.7	4.0
35.88		5955	93.6	81.1	19.0	107.4	67.3
64.78		3146	34.1	59.8	15.6	67.1	26.8
-61.51	Min	Cent	-19.9	-1.9	-13.9	5.6	-27.5
-61.90		6079	-23.9	-7.5	-12.2	-1.0	-30.4
-52.16		5955	-73.3	-57.6	-30.6	-33.8	-97.0
-31.84		3146	-42.4	-60.2	-18.0	-31.3	-71.4

		NODE	Vxx	Vyy
Max	Cent		0.1	0.1
		6079	0.1	0.1
		5955	0.1	0.2
		3146	0.1	0.1
Min	Cent		-0.1	-0.1
		6079	-0.1	-0.1
		5955	-0.1	-0.2
		3146	-0.2	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-80.53	pp	Cent	-61.7	5.9	-11.6	7.9	-63.6
-80.53		6079	-61.7	5.9	-11.6	7.9	-63.6
-80.53		5955	-61.7	5.9	-11.6	7.9	-63.6
-80.53		3146	-61.7	5.9	-11.6	7.9	-63.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-69.23		Cent	-5.2	9.9	-6.7	12.4	-7.8
-79.47		6079	-23.9	2.9	-5.2	3.9	-24.8
-51.48		5955	44.6	51.3	-14.7	63.0	32.9
-88.73		3146	-36.4	-24.6	-0.3	-24.6	-36.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy			
		Cent	-0.1	0.1			
		6079	-0.1	0.1			
		5955	-0.1	0.1			
		3146	-0.1	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	0.5	0.1	0.1	0.5	0.1
10.06		6079	0.5	0.1	0.1	0.5	0.1
10.06		5955	0.5	0.1	0.1	0.5	0.1
10.06		3146	0.5	0.1	0.1	0.5	0.1
10.06							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-73.15		Cent	-0.3	-0.1	-0.1	-0.0	-0.4
-84.79		6079	-0.6	0.1	-0.1	0.2	-0.6
49.77		5955	-0.0	-0.0	0.0	0.0	-0.1
-52.02		3146	-0.4	-0.3	-0.3	-0.1	-0.6
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		6079	-0.0	0.0			
		5955	-0.0	-0.0			
		3146	0.0	0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	-87.6	60.0	-51.1	76.0	-103.6
-72.66		6079	-87.6	60.0	-51.1	76.0	-103.6
-72.66		5955	-87.6	60.0	-51.1	76.0	-103.6
-72.66		3146	-87.6	60.0	-51.1	76.0	-103.6
-72.66							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

22.34		Cent	12.2	-5.4	8.7	15.8	-8.9
20.38		6079	14.5	-8.5	9.9	18.1	-12.2
2.68		5955	25.6	13.3	0.6	25.6	13.2
30.36		3146	-3.3	-20.8	15.7	5.9	-30.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.0	0.0
6079	-0.0	0.0
5955	-0.0	0.1
3146	-0.1	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-84.14	perm	Cent	-22.4	-0.2	-2.3	0.0	-22.6
-84.14		6079	-22.4	-0.2	-2.3	0.0	-22.6
-84.14		5955	-22.4	-0.2	-2.3	0.0	-22.6
-84.14		3146	-22.4	-0.2	-2.3	0.0	-22.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-65.43	Cent	-0.6	2.6	-1.9	3.5	-1.5
-80.78	6079	-6.5	0.7	-1.2	0.8	-6.7
-47.10	5955	16.9	17.6	-5.0	22.2	12.2
74.76	3146	-12.2	-10.3	0.6	-10.2	-12.4

NODE	Vxx	Vyy
Cent	-0.0	0.0
6079	-0.0	0.0
5955	-0.0	0.0
3146	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
38.27	INV TO~1 Max	Cent	151.4	94.1	245.4	345.0	-116.0
38.27		6079	151.4	94.1	245.4	345.0	-116.0
38.27		5955	151.4	94.1	245.4	345.0	-116.0
38.27		3146	151.4	94.1	245.4	345.0	-116.0
-40.11	Min	Cent	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11		6079	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11		5955	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11		3146	-405.8	-330.4	-86.6	-288.3	-448.0

ANGLE	LC	NODE	Mxx	Myy	Mxy	Mmax	Mmin
24.04	Max	Cent	39.6	16.9	15.6	46.5	13.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

20.09		6079	60.3	23.6	19.1	67.3	20.3
28.08		5955	168.8	140.3	21.2	180.2	129.0
65.15		3146	33.8	70.4	37.2	80.4	23.8
-42.74	Min	Cent	-27.5	-18.1	-26.4	1.0	-47.5
-52.45		6079	-38.8	-18.1	-21.7	-9.0	-50.3
-51.63		5955	-82.0	-60.2	-46.3	-23.5	-118.7
-11.07		3146	-72.8	-112.5	-23.7	-71.2	-114.1

	NODE	Vxx	Vyy
Max	Cent	0.1	0.3
	6079	0.1	0.2
	5955	0.1	0.4
	3146	0.1	0.2
Min	Cent	-0.2	-0.2
	6079	-0.2	-0.1
	5955	-0.2	-0.2
	3146	-0.3	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
38.27	INV TO~2	Max	Cent	151.4	94.1	245.4	345.0	-85.9
38.27			6079	151.4	94.1	245.4	345.0	-85.9
38.27			5955	151.4	94.1	245.4	345.0	-85.9
38.27			3146	151.4	94.1	245.4	345.0	-85.9
-40.11		Min	Cent	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11			6079	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11			5955	-405.8	-330.4	-86.6	-288.3	-448.0
-40.11			3146	-405.8	-330.4	-86.6	-288.3	-448.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
24.04	Max	Cent	39.6	16.9	15.6	46.5	13.5
20.09			6079	60.3	23.6	19.1	20.3
28.08			5955	168.8	140.3	21.2	129.0
65.15			3146	33.8	70.4	37.2	23.8
-42.74	Min	Cent	-27.5	-18.1	-26.4	1.0	-47.5
-52.45			6079	-38.8	-18.1	-21.7	-50.3
-51.63			5955	-82.0	-60.2	-46.3	-118.7
-11.07			3146	-72.8	-112.5	-23.7	-114.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	0.1	0.3
	6079	0.1	0.2
	5955	0.1	0.4
	3146	0.1	0.2
Min	Cent	-0.2	-0.2
	6079	-0.2	-0.1
	5955	-0.2	-0.2
	3146	-0.3	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6249	2	12	c mob-a	Max Cent	94.8	209.6	198.9	359.2	-54.8
	53.05			3146	94.8	209.6	198.9	359.2	-54.8
	53.05			5955	94.8	209.6	198.9	359.2	-54.8
	53.05			5956	94.8	209.6	198.9	359.2	-54.8
	53.05			Min Cent	-105.7	-81.9	-13.9	-75.4	-112.1
	-65.22			3146	-105.7	-81.9	-13.9	-75.4	-112.1
	-65.22			5955	-105.7	-81.9	-13.9	-75.4	-112.1
	-65.22			5956	-105.7	-81.9	-13.9	-75.4	-112.1

	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max Cent	27.8	27.0	6.8	34.2	20.5
	43.32	3146	37.1	46.9	35.3	77.6	6.3
	48.93	5955	62.1	17.3	7.9	63.5	15.9
	9.76	5956	62.2	67.2	14.9	79.8	49.6
	49.78	Min Cent	-3.6	-5.8	-14.7	10.1	-19.4
	-42.84	3146	-32.2	-38.4	-49.6	14.4	-84.9
	-43.22	5955	-43.5	-26.3	-5.5	-24.7	-45.2
	-73.70	5956	-11.0	-10.2	-23.8	13.2	-34.4
	-45.44						

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	3146	0.1	0.3
	5955	0.1	0.1
	5956	0.2	0.1
Min	Cent	-0.1	-0.2
	3146	-0.1	-0.4
	5955	-0.1	-0.4
	5956	-0.1	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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51.34      c mob-b Max Cent      39.3      74.3      77.9      136.6      -23.0
51.34      3146      39.3      74.3      77.9      136.6      -23.0
51.34      5955      39.3      74.3      77.9      136.6      -23.0
51.34      5956      39.3      74.3      77.9      136.6      -23.0
-72.89      Min Cent     -155.9     -83.9     -24.5     -76.3     -163.4
-72.89      3146     -155.9     -83.9     -24.5     -76.3     -163.4
-72.89      5955     -155.9     -83.9     -24.5     -76.3     -163.4
-72.89      5956     -155.9     -83.9     -24.5     -76.3     -163.4

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
27.21      Max Cent      34.1      10.2      16.7      42.6      1.6
38.84      3146      60.0      35.4      56.3      105.3     -9.9
2.70      5955      107.1     29.0      3.7      107.3     28.8
21.44      5956      57.8      40.9      7.9      60.9      37.8
-48.73      Min Cent     -11.6     -6.8     -18.3      9.3     -27.7
-49.16      3146     -61.1     -44.3     -57.5      5.3     -110.8
-83.04      5955     -81.5     -35.1     -5.7     -34.4     -82.2
-45.68      5956     -16.4     -15.7     -15.4     -0.6     -31.5

          NODE      Vxx      Vyy
Max Cent      0.1      0.2
3146      0.2      0.5
5955      0.2      0.1
5956      0.1      0.1
Min Cent     -0.2     -0.2
3146     -0.2     -0.5
5955     -0.2     -0.2
5956     -0.1     -0.2

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-14.18      pp      Cent     -40.8     -88.6     -12.9     -37.5     -91.8
-14.18      3146     -40.8     -88.6     -12.9     -37.5     -91.8
-14.18      5955     -40.8     -88.6     -12.9     -37.5     -91.8
-14.18      5956     -40.8     -88.6     -12.9     -37.5     -91.8

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
          Cent      26.0     -6.9      0.9      26.1     -7.0
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1.56							
-26.26		3146	-41.3	-61.3	-13.0	-34.9	-67.7
5.74		5955	57.2	20.9	3.7	57.6	20.6
14.70		5956	62.2	19.6	12.0	65.4	16.4

NODE	Vxx	Vyy
Cent	-0.1	-0.0
3146	-0.1	-0.1
5955	-0.1	0.0
5956	-0.1	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
59.00	vento -y	Cent	-0.2	0.1	0.3	0.3	-0.4
59.00		3146	-0.2	0.1	0.3	0.3	-0.4
59.00		5955	-0.2	0.1	0.3	0.3	-0.4
59.00		5956	-0.2	0.1	0.3	0.3	-0.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-15.34	Cent	0.0	-0.1	-0.0	0.0	-0.2
-32.11	3146	-0.1	-0.4	-0.3	0.1	-0.5
44.52	5955	-0.1	-0.1	0.0	-0.1	-0.1
23.62	5956	0.2	0.0	0.1	0.3	-0.0

NODE	Vxx	Vyy
Cent	-0.0	-0.0
3146	0.0	-0.0
5955	0.0	0.0
5956	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-32.09	cedime~1	Cent	-40.1	-127.8	-90.6	16.8	-184.7
-32.09		3146	-40.1	-127.8	-90.6	16.8	-184.7
-32.09		5955	-40.1	-127.8	-90.6	16.8	-184.7
-32.09		5956	-40.1	-127.8	-90.6	16.8	-184.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
42.15	Cent	-6.5	-9.4	14.5	6.6	-22.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

50.67		3146	-32.7	-24.8	19.8	-8.6	-49.0
60.57		5955	24.5	32.2	6.4	35.8	20.9
27.59		5956	-11.4	-35.7	17.5	-2.2	-44.8

NODE	Vxx	Vyy
Cent	-0.1	0.2
3146	-0.1	0.1
5955	-0.1	0.2
5956	-0.1	0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-18.99	perm	Cent	-4.9	-16.5	-4.5	-3.3	-18.0
-18.99		3146	-4.9	-16.5	-4.5	-3.3	-18.0
-18.99		5955	-4.9	-16.5	-4.5	-3.3	-18.0
-18.99		5956	-4.9	-16.5	-4.5	-3.3	-18.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
5.91	Cent	8.1	-1.4	1.0	8.2	-1.5
-6.16	3146	-14.1	-17.3	-0.3	-14.0	-17.3
4.14	5955	20.0	6.0	1.0	20.1	5.9
11.13	5956	18.5	7.1	2.3	18.9	6.7

NODE	Vxx	Vyy
Cent	-0.0	-0.0
3146	-0.0	-0.0
5955	-0.0	-0.0
5956	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.60	INV TO~1 Max	Cent	123.1	266.5	263.9	468.3	-64.6
52.60		3146	123.1	266.5	263.9	468.3	-64.6
52.60		5955	123.1	266.5	263.9	468.3	-64.6
52.60		5956	123.1	266.5	263.9	468.3	-64.6
-44.76	Min	Cent	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76		3146	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76		5955	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76		5956	-255.4	-257.6	-128.3	-128.2	-384.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	54.1	35.0	38.1	76.2	19.2
36.95		3146	66.9	46.0	95.4	132.8	-19.9
41.06		5955	189.2	77.3	18.1	192.0	74.5
8.97		5956	102.4	97.9	39.9	122.7	77.6
42.12							
-36.07	Min	Cent	-14.0	-20.0	-23.8	-7.3	-32.8
-51.63		3146	-129.3	-101.9	-77.9	-55.9	-175.4
-82.25		5955	-89.9	-41.4	-6.7	-40.5	-90.9
-17.76		5956	-15.1	-49.8	-29.9	-11.2	-53.7

		NODE	Vxx	Vyy
		-----	-----	-----
	Max	Cent	0.1	0.4
		3146	0.2	0.7
		5955	0.2	0.3
		5956	0.2	0.3
	Min	Cent	-0.3	-0.3
		3146	-0.4	-0.6
		5955	-0.4	-0.5
		5956	-0.3	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		-----	-----	-----	-----	-----	-----	
	INV TO~2	Max	Cent	123.1	266.5	263.9	468.3	-64.6
52.60			3146	123.1	266.5	263.9	468.3	-64.6
52.60			5955	123.1	266.5	263.9	468.3	-64.6
52.60			5956	123.1	266.5	263.9	468.3	-64.6
52.60								
-44.76		Min	Cent	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76			3146	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76			5955	-255.4	-257.6	-128.3	-128.2	-384.7
-44.76			5956	-255.4	-257.6	-128.3	-128.2	-384.7

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	54.1	35.0	38.1	76.2	19.2
36.95		3146	66.9	46.0	95.4	132.8	-19.9
41.06		5955	189.2	77.3	18.1	192.0	74.5
8.97		5956	102.4	97.9	39.9	122.7	77.6
42.12							
-36.07	Min	Cent	-14.0	-20.0	-23.8	-7.3	-32.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.63	3146	-129.3	-101.9	-77.9	-55.9	-175.4
-82.25	5955	-89.9	-41.4	-6.7	-40.5	-90.9
-17.76	5956	-15.1	-49.8	-29.9	-11.2	-53.7

	NODE	Vxx	Vyy
Max	Cent	0.1	0.4
	3146	0.2	0.7
	5955	0.2	0.3
Min	5956	0.2	0.3
	Cent	-0.3	-0.3
	3146	-0.4	-0.6
	5955	-0.4	-0.5
	5956	-0.3	-0.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6250	2	12	c mob-a	Max	Cent	60.0	39.0	333.2	382.9	-283.8
44.10					6084	60.0	39.0	333.2	382.9	-283.8
44.10					5918	60.0	39.0	333.2	382.9	-283.8
44.10					5919	60.0	39.0	333.2	382.9	-283.8
44.10				Min	Cent	-644.9	-471.6	-27.5	-467.4	-649.2
-81.20					6084	-644.9	-471.6	-27.5	-467.4	-649.2
-81.20					5918	-644.9	-471.6	-27.5	-467.4	-649.2
-81.20					5919	-644.9	-471.6	-27.5	-467.4	-649.2
-81.20										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	54.9	0.9	6.7	55.7	0.1	
6.96		6084	27.7	36.4	22.4	54.8	9.2	
50.53		5918	106.9	27.3	9.9	108.2	26.1	
6.99		5919	75.4	11.5	9.3	76.8	10.2	
8.08		Min	Cent	-47.1	-8.1	-12.3	-4.5	-50.6
-73.88		6084	-18.7	-46.8	-36.5	6.3	-71.8	
-34.47		5918	-96.8	-19.6	-11.4	-17.9	-98.4	
-81.74		5919	-67.5	-26.8	-9.1	-24.9	-69.4	
-77.92								

	NODE	Vxx	Vyy
Max	Cent	0.1	0.1
	6084	0.1	0.2
	5918	0.1	0.1
	5919	0.1	0.1
Min	Cent	-0.1	-0.1
	6084	-0.1	-0.3

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	Company		Client	
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			5918	-0.1	-0.0		
			5919	-0.1	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	c mob-b	Max	Cent	27.9	48.6	363.4	401.7
45.82			6084	27.9	48.6	363.4	401.7
45.82			5918	27.9	48.6	363.4	401.7
45.82			5919	27.9	48.6	363.4	401.7
45.82			Cent	-937.8	-550.5	-45.7	-545.2
-83.36		Min	6084	-937.8	-550.5	-45.7	-545.2
-83.36			5918	-937.8	-550.5	-45.7	-545.2
-83.36			5919	-937.8	-550.5	-45.7	-545.2
-83.36							
ANGLE			NODE	Mxx	Myy	Mxy	Mmax

		Max	Cent	84.6	0.7	7.1	85.2
4.79			6084	27.9	29.8	48.5	77.4
45.57			5918	174.6	40.6	7.3	175.0
3.12			5919	118.8	22.9	7.5	119.4
4.44			Cent	-39.3	-8.9	-11.0	-5.3
-72.04		Min	6084	-42.6	-70.8	-39.6	-14.7
-35.19			5918	-89.1	-16.2	-17.8	-12.1
-76.97			5919	-55.3	-26.5	-13.2	-21.4
-68.73							
			NODE	Vxx	Vyy		
		Max	Cent	0.1	0.2		
			6084	0.1	0.5		
			5918	0.1	0.1		
			5919	0.0	0.1		
		Min	Cent	-0.2	-0.1		
			6084	-0.3	-0.3		
			5918	-0.3	-0.0		
			5919	-0.1	-0.0		
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-130.1	-26.7	-11.9	-25.3	-131.4
-83.49			6084	-130.1	-26.7	-11.9	-25.3
-83.49			5918	-130.1	-26.7	-11.9	-25.3
-83.49			5919	-130.1	-26.7	-11.9	-25.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-83.49

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-5.80		Cent	36.3	-18.2	-5.6	36.9	-18.8
-18.79		6084	-6.0	-53.1	-18.1	0.1	-59.3
-6.99		5918	61.4	33.2	-3.5	61.8	32.7
3.13		5919	53.5	-34.8	4.8	53.8	-35.0

NODE Vxx Vyy

Cent	-0.1	0.2
6084	-0.1	-0.1
5918	-0.1	0.3
5919	-0.2	0.3

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-59.97	vento -y	Cent	-0.9	0.9	-1.6	1.9	-1.8
-59.97		6084	-0.9	0.9	-1.6	1.9	-1.8
-59.97		5918	-0.9	0.9	-1.6	1.9	-1.8
-59.97		5919	-0.9	0.9	-1.6	1.9	-1.8

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-50.71		Cent	-0.1	-0.1	-0.2	0.1	-0.3
-38.66		6084	0.3	0.1	-0.6	0.8	-0.4
-87.00		5918	-0.6	-0.0	-0.0	0.0	-0.6
-3.01		5919	-0.2	-0.2	-0.0	-0.2	-0.2

NODE Vxx Vyy

Cent	0.0	-0.0
6084	0.0	-0.0
5918	0.0	0.0
5919	-0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-49.76	cedime~1	Cent	-47.0	-7.1	-118.8	93.4	-147.5
-49.76		6084	-47.0	-7.1	-118.8	93.4	-147.5
-49.76		5918	-47.0	-7.1	-118.8	93.4	-147.5
-49.76		5919	-47.0	-7.1	-118.8	93.4	-147.5

PROJECT TITLE :

	Company		Client	
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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.43		Cent	5.6	5.2	8.4	13.8	-3.0
53.46		6084	-16.7	0.6	28.4	21.6	-37.8
-1.50		5918	26.6	-1.1	-0.7	26.6	-1.1
-75.58		5919	6.8	16.2	-2.6	16.8	6.2
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		6084	-0.1	0.2			
		5918	-0.1	-0.1			
		5919	0.0	-0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-87.05	perm	Cent	-65.2	-11.2	-2.8	-11.0	-65.3
-87.05		6084	-65.2	-11.2	-2.8	-11.0	-65.3
-87.05		5918	-65.2	-11.2	-2.8	-11.0	-65.3
-87.05		5919	-65.2	-11.2	-2.8	-11.0	-65.3
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-5.78		Cent	12.1	-5.3	-1.8	12.3	-5.5
-17.97		6084	-1.0	-16.0	-5.4	0.7	-17.8
-6.80		5918	19.8	9.9	-1.2	20.0	9.8
2.69		5919	17.5	-9.8	1.3	17.6	-9.9
		NODE	Vxx	Vyy			
		Cent	-0.0	0.0			
		6084	-0.0	-0.0			
		5918	-0.0	0.1			
		5919	-0.1	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
46.13	INV TO~1 Max	Cent	15.9	54.4	487.8	523.3	-362.9
46.13		6084	15.9	54.4	487.8	523.3	-362.9
46.13		5918	15.9	54.4	487.8	523.3	-362.9
46.13		5919	15.9	54.4	487.8	523.3	-362.9
	Min	Cent	-1378.1	-761.4	-183.3	-747.2	-1428.4

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	Company		Client	
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-83.70			6084	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70			5918	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70			5919	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	131.9	1.2	16.2	133.9	-0.8
6.94			6084	36.6	33.7	88.5	115.6	-25.3
47.23			5918	282.2	64.7	12.2	282.8	63.9
2.99			5919	184.8	37.3	13.8	185.7	36.5
4.33		Min	Cent	-51.4	-17.3	-18.4	-9.3	-59.5
-74.69			6084	-75.3	-111.7	-58.9	-57.9	-149.7
-29.77			5918	-110.8	-17.6	-26.0	-10.2	-117.1
-75.90			5919	-73.5	-46.0	-19.1	-38.2	-81.3
-64.86								

			NODE	Vxx	Vyy
	Max	Cent	6084	0.1	0.3
			5918	0.2	0.8
			5919	0.2	0.3
			5919	0.1	0.3
	Min	Cent	6084	-0.4	-0.0
			6084	-0.4	-0.5
			5918	-0.4	-0.1
			5919	-0.2	-0.1

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		INV TO~2	Max	Cent	15.9	54.4	487.8	523.3	-177.4
46.13				6084	15.9	54.4	487.8	523.3	-177.4
46.13				5918	15.9	54.4	487.8	523.3	-177.4
46.13				5919	15.9	54.4	487.8	523.3	-177.4
46.13		Min	Cent	-1378.1	-761.4	-183.3	-747.2	-1428.4	
-83.70				6084	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70				5918	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70				5919	-1378.1	-761.4	-183.3	-747.2	-1428.4
-83.70									

ANGLE

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	6084	131.9	1.2	16.2	133.9	-0.8
6.94				6084	36.6	33.7	88.5	115.6	-25.3

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47.23							
		5918	282.2	64.7	12.2	282.8	63.9
2.99							
		5919	184.8	37.3	13.8	185.7	36.5
4.33							
	Min	Cent	-51.4	-24.6	-18.4	-9.3	-59.5
-74.69							
		6084	-75.3	-111.7	-58.9	-57.9	-149.7
-29.77							
		5918	-110.8	-17.6	-26.0	-10.2	-117.1
-75.90							
		5919	-73.5	-46.9	-19.1	-38.2	-81.3
-64.86							

	NODE	Vxx	Vyy
Max	Cent	0.1	0.3
	6084	0.2	0.8
	5918	0.2	0.4
	5919	0.1	0.4
Min	Cent	-0.4	-0.0
	6084	-0.4	-0.5
	5918	-0.4	-0.1
	5919	-0.3	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
6251	2	12	c mob-a	Max	Cent	93.6	19.8	196.0	256.2	-142.8
	39.67				6084	93.6	19.8	196.0	256.2	-142.8
	39.67				5919	93.6	19.8	196.0	256.2	-142.8
	39.67				3141	93.6	19.8	196.0	256.2	-142.8
	39.67			Min	Cent	-144.6	-269.4	-14.4	-142.9	-271.0
	-6.49				6084	-144.6	-269.4	-14.4	-142.9	-271.0
	-6.49				5919	-144.6	-269.4	-14.4	-142.9	-271.0
	-6.49				3141	-144.6	-269.4	-14.4	-142.9	-271.0
	-6.49									

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	14.6	15.5	7.3	22.4	7.7
		6084	7.2	5.1	6.7	12.9	-0.6
		5919	86.9	84.5	17.5	103.3	68.2
		3141	27.4	43.5	16.1	53.5	17.4
	Min	Cent	-14.9	-9.9	-11.5	-0.7	-24.2
		6084	-7.6	-4.1	-11.0	5.3	-17.0
		5919	-67.6	-54.8	-31.4	-29.2	-93.2
		3141	-48.5	-59.9	-11.3	-41.5	-66.9

NODE	Vxx	Vyy
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Max	Cent	0.1	0.1
	6084	0.1	0.1
	5919	0.1	0.2
	3141	0.1	0.1
Min	Cent	-0.1	-0.1
	6084	-0.1	-0.1
	5919	-0.1	-0.1
	3141	-0.2	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.34	c mob-b	Max Cent	45.2	33.6	252.1	291.6	-212.8
44.34		6084	45.2	33.6	252.1	291.6	-212.8
44.34		5919	45.2	33.6	252.1	291.6	-212.8
44.34		3141	45.2	33.6	252.1	291.6	-212.8
-16.34		Min Cent	-253.3	-330.6	-24.8	-246.0	-337.8
-16.34		6084	-253.3	-330.6	-24.8	-246.0	-337.8
-16.34		5919	-253.3	-330.6	-24.8	-246.0	-337.8
-16.34		3141	-253.3	-330.6	-24.8	-246.0	-337.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
15.65	Max Cent	23.0	14.8	2.5	23.7	14.2
33.00	6084	9.5	4.6	5.5	13.1	1.1
27.97	5919	125.9	112.5	9.9	131.2	107.2
57.03	3141	21.7	41.9	22.7	56.7	6.9
-57.30	Min Cent	-12.4	-3.0	-10.3	3.7	-19.0
-49.82	6084	-9.5	-6.2	-9.6	1.8	-17.6
-50.80	5919	-52.1	-36.5	-38.1	-5.5	-83.2
-21.42	3141	-65.0	-89.1	-11.2	-60.6	-93.5

Max	Cent	0.1	0.2
	6084	0.0	0.1
	5919	0.0	0.3
	3141	0.1	0.2
Min	Cent	-0.2	-0.1
	6084	-0.1	-0.1
	5919	-0.1	-0.1
	3141	-0.2	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.51	pp	Cent	-72.9	-2.9	-0.6	-2.9	-72.9
-89.51		6084	-72.9	-2.9	-0.6	-2.9	-72.9
-89.51		5919	-72.9	-2.9	-0.6	-2.9	-72.9
-89.51		3141	-72.9	-2.9	-0.6	-2.9	-72.9

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-61.04		Cent	4.2	16.2	-9.5	21.4	-1.0
-64.46		6084	-10.5	-1.5	-5.6	1.1	-13.2
-51.20		5919	87.8	104.4	-37.8	134.8	57.4
54.52		3141	-64.6	-54.4	14.8	-43.8	-75.1

	NODE	Vxx	Vyy
	Cent	-0.1	0.2
	6084	-0.1	0.1
	5919	-0.1	0.3
	3141	-0.2	0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-74.36	vento -y	Cent	-1.1	1.4	-0.8	1.6	-1.4
-74.36		6084	-1.1	1.4	-0.8	1.6	-1.4
-74.36		5919	-1.1	1.4	-0.8	1.6	-1.4
-74.36		3141	-1.1	1.4	-0.8	1.6	-1.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-64.80		Cent	-0.1	0.2	-0.2	0.2	-0.2
-63.91		6084	-0.1	0.1	-0.2	0.2	-0.2
-62.62		5919	-0.0	0.3	-0.2	0.4	-0.1
-68.56		3141	-0.2	0.1	-0.1	0.1	-0.3


	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	6084	-0.0	0.0
	5919	-0.0	0.0
	3141	-0.0	0.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	cedime~1	Cent	-100.3	97.6	-75.7	123.3	-126.0
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-71.28		6084	-100.3	97.6	-75.7	123.3	-126.0
-71.28		5919	-100.3	97.6	-75.7	123.3	-126.0
-71.28		3141	-100.3	97.6	-75.7	123.3	-126.0
-71.28							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Cent	5.0	-8.7	6.8	7.9	-11.5
22.43		6084	6.3	-3.1	6.7	9.8	-6.6
27.45		5919	-5.4	-21.8	12.0	1.0	-28.1
27.84		3141	14.2	-1.2	1.8	14.4	-1.4
6.44							

	NODE	Vxx	Vyy
	Cent	0.0	-0.0
	6084	0.0	0.0
	5919	0.0	-0.0
	3141	0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

	perm	Cent	-31.6	-1.7	1.0	-1.6	-31.7
88.18		6084	-31.6	-1.7	1.0	-1.6	-31.7
88.18		5919	-31.6	-1.7	1.0	-1.6	-31.7
88.18		3141	-31.6	-1.7	1.0	-1.6	-31.7
88.18							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Cent	1.8	5.3	-2.9	6.9	0.2
-60.87		6084	-2.6	-0.7	-1.6	0.2	-3.5
-59.45		5919	28.1	33.6	-12.2	43.3	18.4
-51.40		3141	-20.2	-16.9	5.2	-13.0	-24.0
53.67							

	NODE	Vxx	Vyy
	Cent	-0.0	0.0
	6084	-0.0	0.0
	5919	-0.0	0.1
	3141	-0.1	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

	INV TO~1 Max	Cent	94.7	141.3	341.3	411.5	-207.7
42.86							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

42.86			6084	94.7	141.3	341.3	411.5	-207.7
42.86			5919	94.7	141.3	341.3	411.5	-207.7
42.86			3141	94.7	141.3	341.3	411.5	-207.7
-20.58		Min	Cent	-473.8	-447.9	-108.3	-361.3	-536.7
-20.58			6084	-473.8	-447.9	-108.3	-361.3	-536.7
-20.58			5919	-473.8	-447.9	-108.3	-361.3	-536.7
-20.58			3141	-473.8	-447.9	-108.3	-361.3	-536.7

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	37.9	26.3	13.9	44.9	21.8
26.90			6084	16.6	6.2	14.1	25.5	0.6
32.12			5919	198.1	185.5	23.5	205.8	178.7
29.14			3141	31.0	41.9	37.6	73.8	-2.1
48.69		Min	Cent	-18.3	-16.8	-18.4	-3.3	-32.3
-40.68			6084	-15.4	-12.3	-16.5	-0.7	-29.1
-40.32			5919	-68.6	-62.1	-63.5	-13.7	-116.9
-46.79			3141	-107.9	-138.3	-10.1	-104.7	-140.3
-17.24								

			NODE	Vxx	Vyy
		Max	Cent	0.1	0.3
			6084	0.1	0.2
			5919	0.1	0.5
			3141	0.1	0.3
		Min	Cent	-0.2	-0.1
			6084	-0.2	-0.1
			5919	-0.2	-0.2
			3141	-0.4	-0.1

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

			INV TO~2	Max	Cent	94.7	141.3	341.3	411.5	-98.4
42.86					6084	94.7	141.3	341.3	411.5	-98.4
42.86					5919	94.7	141.3	341.3	411.5	-98.4
42.86					3141	94.7	141.3	341.3	411.5	-98.4
42.86		Min		Cent	-473.8	-447.9	-108.3	-361.3	-536.7	
-20.58				6084	-473.8	-447.9	-108.3	-361.3	-536.7	
-20.58				5919	-473.8	-447.9	-108.3	-361.3	-536.7	
-20.58				3141	-473.8	-447.9	-108.3	-361.3	-536.7	
-20.58										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

					NODE	Mxx	Myy	Mxy	Mmax	Mmin	

ANGLE											
					Max	Cent	37.9	26.3	13.9	44.9	21.8
26.90						6084	16.6	6.2	14.1	25.5	0.6
32.12						5919	198.1	185.5	23.5	205.8	178.7
29.14						3141	31.0	41.9	37.6	73.8	-2.1
48.69					Min	Cent	-18.3	-16.8	-18.4	-3.3	-32.3
-40.68						6084	-15.4	-12.3	-16.5	-0.7	-29.1
-40.32						5919	-68.6	-62.1	-63.5	-13.7	-116.9
-46.79						3141	-107.9	-138.3	-10.1	-104.7	-140.3
-17.24											

						NODE	Vxx	Vyy			
					Max	Cent	0.1	0.3			
						6084	0.1	0.2			
						5919	0.1	0.5			
						3141	0.1	0.3			
					Min	Cent	-0.2	-0.1			
						6084	-0.2	-0.1			
						5919	-0.2	-0.2			
						3141	-0.4	-0.1			

ELEM	MAT	SEC	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

6252	2	12	c mob-a	Max	Cent	63.8	161.4	182.1	301.1	-75.9	
52.50						3141	63.8	161.4	182.1	-75.9	
52.50						5919	63.8	161.4	182.1	-75.9	
52.50						5920	63.8	161.4	182.1	-75.9	
52.50				Min	Cent	-174.6	-136.8	-28.0	-121.9	-189.5	
-62.04						3141	-174.6	-136.8	-28.0	-189.5	
-62.04						5919	-174.6	-136.8	-28.0	-189.5	
-62.04						5920	-174.6	-136.8	-28.0	-189.5	
-62.04											

						NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE											
					Max	Cent	41.8	5.3	11.9	45.3	1.8
16.62						3141	45.2	38.4	36.0	77.9	5.6
42.29						5919	99.9	11.2	11.8	101.4	9.7
7.43						5920	103.6	57.0	14.5	107.7	52.9
15.95				Min	Cent	-28.7	-18.9	-13.6	-9.4	-38.3	
-54.90						3141	-81.4	-95.8	-51.2	-36.9	-140.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-41.00							
		5919	-69.2	-18.1	-6.9	-17.2	-70.2
-82.41							
		5920	-58.9	-35.2	-9.5	-31.8	-62.2
-70.68							

		NODE	Vxx	Vyy
Max	Cent		0.1	0.1
	3141		0.1	0.3
	5919		0.1	0.1
	5920		0.1	0.1
Min	Cent		-0.2	-0.3
	3141		-0.2	-0.4
	5919		-0.2	-0.2
	5920		-0.1	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
52.90	c mob-b	Max	Cent	35.3	145.0	193.8	291.6	-111.3
		3141	35.3	145.0	193.8	291.6	-111.3	
52.90		5919	35.3	145.0	193.8	291.6	-111.3	
52.90		5920	35.3	145.0	193.8	291.6	-111.3	
52.90		Min	Cent	-248.6	-163.8	-41.7	-146.8	-265.7
-67.74		3141	-248.6	-163.8	-41.7	-146.8	-265.7	
-67.74		5919	-248.6	-163.8	-41.7	-146.8	-265.7	
-67.74		5920	-248.6	-163.8	-41.7	-146.8	-265.7	
-67.74								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
21.87		Max	Cent	46.6	2.9	20.9	55.0	-5.4
		3141	39.1	23.6	54.8	86.7	-24.0	
40.98		5919	137.7	22.7	13.9	139.4	21.0	
6.78		5920	113.9	59.8	16.4	118.5	55.2	
15.64		Min	Cent	-10.7	-16.7	-13.6	0.3	-27.6
-38.79		3141	-109.6	-106.0	-44.8	-62.9	-152.7	
-46.13		5919	-49.8	-20.5	-4.9	-19.6	-50.6	
-80.70		5920	-19.8	-6.0	-6.6	-3.3	-22.5	
-68.16								

		NODE	Vxx	Vyy
Max	Cent		0.1	0.1
	3141		0.1	0.4
	5919		0.1	0.0
	5920		0.0	0.0
Min	Cent		-0.2	-0.3
	3141		-0.3	-0.4
	5919		-0.3	-0.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
5920			-0.2	-0.2			
ANGLE							

	pp	Cent	-18.3	-13.5	-28.7	12.9	-44.7
-47.39		3141	-18.3	-13.5	-28.7	12.9	-44.7
-47.39		5919	-18.3	-13.5	-28.7	12.9	-44.7
-47.39		5920	-18.3	-13.5	-28.7	12.9	-44.7
-47.39							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	54.2	-26.9	5.3	54.5	-27.3
3.71		3141	-109.7	-159.6	-31.3	-94.7	-174.6
-25.74		5919	108.4	-12.3	22.2	112.4	-16.3
10.11		5920	163.8	91.0	24.9	171.5	83.3
17.19							
		NODE	Vxx	Vyy			

		Cent	-0.2	-0.4			
		3141	-0.2	-0.4			
		5919	-0.2	-0.4			
		5920	-0.2	-0.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	0.3	-0.4	-1.2	1.2	-1.3
-35.70		3141	0.3	-0.4	-1.2	1.2	-1.3
-35.70		5919	0.3	-0.4	-1.2	1.2	-1.3
-35.70		5920	0.3	-0.4	-1.2	1.2	-1.3
-35.70							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	0.4	-0.1	-0.1	0.4	-0.1
-13.67		3141	-0.2	-0.8	-0.7	0.3	-1.2
-32.02		5919	0.3	-0.1	0.1	0.3	-0.1
12.86		5920	1.0	0.6	0.2	1.1	0.5
18.88							
		NODE	Vxx	Vyy			

		Cent	-0.0	-0.0			
		3141	-0.0	-0.0			
		5919	-0.0	-0.0			
		5920	-0.0	-0.0			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-29.39	cedime~1	Cent	-48.0	-182.9	-111.3	14.7	-245.6
-29.39		3141	-48.0	-182.9	-111.3	14.7	-245.6
-29.39		5919	-48.0	-182.9	-111.3	14.7	-245.6
-29.39		5920	-48.0	-182.9	-111.3	14.7	-245.6
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
77.71		Cent	-16.3	10.3	6.1	11.7	-17.6
59.12		3141	18.4	45.2	24.9	60.1	3.5
-86.23		5919	-19.4	8.4	-1.8	8.5	-19.6
-79.48		5920	-47.7	-22.6	-4.8	-21.7	-48.6
		NODE	Vxx	Vyy			
		Cent	0.0	0.1			
		3141	0.0	0.2			
		5919	0.0	0.1			
		5920	0.1	0.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-48.11	perm	Cent	-2.8	-0.3	-11.2	9.8	-12.8
-48.11		3141	-2.8	-0.3	-11.2	9.8	-12.8
-48.11		5919	-2.8	-0.3	-11.2	9.8	-12.8
-48.11		5920	-2.8	-0.3	-11.2	9.8	-12.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
3.77		Cent	17.2	-7.8	1.6	17.3	-7.9
-25.64		3141	-34.9	-49.2	-9.0	-30.5	-53.6
9.61		5919	35.1	-2.9	6.6	36.3	-4.1
16.59		5920	51.2	28.9	7.3	53.4	26.8
		NODE	Vxx	Vyy			
		Cent	-0.1	-0.1			
		3141	-0.1	-0.1			
		5919	-0.1	-0.1			
		5920	-0.1	-0.1			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.50	INV TO~1	Max Cent	83.3	217.6	250.5	409.8	-104.2
52.50		3141	83.3	217.6	250.5	409.8	-104.2
52.50		5919	83.3	217.6	250.5	409.8	-104.2
52.50		5920	83.3	217.6	250.5	409.8	-104.2
-43.56		Min Cent	-386.4	-404.4	-178.8	-216.4	-574.4
-43.56		3141	-386.4	-404.4	-178.8	-216.4	-574.4
-43.56		5919	-386.4	-404.4	-178.8	-216.4	-574.4
-43.56		5920	-386.4	-404.4	-178.8	-216.4	-574.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
18.26	Max Cent	80.1	9.8	35.9	89.9	-8.2
45.51	3141	44.6	47.7	89.9	136.1	-43.8
7.35	5919	221.1	36.0	25.4	224.3	32.8
15.87	5920	205.0	109.7	29.5	213.4	101.3
-62.48	Min Cent	-37.9	-33.3	-16.8	-17.4	-45.2
-43.24	3141	-182.8	-192.4	-78.1	-109.3	-265.9
-84.45	5919	-77.8	-30.6	-4.6	-30.3	-78.2
-74.65	5920	-76.0	-41.1	-10.4	-38.3	-78.8

	NODE	Vxx	Vyy
Max	Cent	0.1	0.2
	3141	0.1	0.7
	5919	0.1	0.1
	5920	0.1	0.1
Min	Cent	-0.4	-0.5
	3141	-0.5	-0.7
	5919	-0.5	-0.5
	5920	-0.3	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
52.50	INV TO~2	Max Cent	83.3	217.6	250.5	409.8	-60.3
52.50		3141	83.3	217.6	250.5	409.8	-60.3
52.50		5919	83.3	217.6	250.5	409.8	-60.3
52.50		5920	83.3	217.6	250.5	409.8	-60.3
-43.56		Min Cent	-386.4	-404.4	-178.8	-216.4	-574.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-43.56		3141	-386.4	-404.4	-178.8	-216.4	-574.4
-43.56		5919	-386.4	-404.4	-178.8	-216.4	-574.4
-43.56		5920	-386.4	-404.4	-178.8	-216.4	-574.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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18.26	Max	Cent	80.1	9.8	35.9	89.9	-8.2
45.51		3141	44.6	47.7	89.9	136.1	-43.8
7.35		5919	221.1	36.0	30.0	224.3	32.8
17.19		5920	221.1	122.9	33.6	231.5	112.5
-62.48	Min	Cent	-37.9	-36.4	-16.8	-17.4	-45.2
-25.74		3141	-182.8	-215.4	-78.1	-127.8	-265.9
-84.45		5919	-77.8	-30.6	-4.6	-30.3	-78.2
-74.65		5920	-76.0	-41.1	-10.4	-38.3	-78.8

		NODE	Vxx	Vyy
Max	Cent	3141	0.1	0.2
		5919	0.1	0.7
		5920	0.1	0.1
Min	Cent	3141	-0.4	-0.5
		5919	-0.5	-0.6
		5920	-0.3	-0.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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6265	2	14	c mob-a	Max	Cent	12.2	24.6	20.0	39.3	-2.5
53.61					5984	20.3	41.5	16.8	50.7	11.0
61.15					6051	24.3	22.5	21.7	45.2	1.6
43.80					5949	34.6	23.3	34.6	64.0	-6.1
40.36					5951	13.4	37.3	23.6	51.8	-1.2
58.42				Min	Cent	-1.8	-40.8	-20.0	6.7	-49.2
-22.87					5984	-14.7	-89.3	-15.9	-11.5	-92.5
-11.58					6051	-4.2	-7.9	-24.5	18.5	-30.6
-42.80					5949	-11.9	-10.6	-24.4	13.2	-35.6
-45.74					5951	-13.0	-85.1	-16.5	-9.4	-88.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Max	Cent	515.0	1928.4	682.4	2204.1	239.3
68.00							
		5984	2662.6	5093.6	1150.0	5551.4	2204.8
68.29							
		6051	3814.3	5385.9	2878.9	7584.4	1615.9
52.63							
		5949	3948.6	9930.6	1916.5	10491.9	3387.3
73.67							
		5951	387.6	4176.0	1999.5	5036.0	-472.5
66.73							
	Min	Cent	-4497.2	-19168.8	-1234.6	-4394.0	-19271.9
-4.78							
		5984	-2295.1	-52401.0	-137.9	-2294.7	-52401.4
-0.16							
		6051	-17593.9	-27962.7	-4577.8	-15862.1	-29694.5
-20.72							
		5949	-2322.6	-5334.8	-1270.5	-1858.3	-5799.1
-20.08							
		5951	-1364.7	-1836.8	-982.7	-590.1	-2611.4
-38.25							

		NODE	Vxx	Vyy
	Max	Cent	11.0	11.8
		5984	24.5	6.3
		6051	24.6	18.4
		5949	1.6	18.4
		5951	1.6	6.6
	Min	Cent	-1.0	-85.0
		5984	-3.0	-113.2
		6051	-3.0	-58.3
		5949	-3.5	-58.4
		5951	-3.6	-115.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	33.9	53.6	42.9	87.7	-0.2
51.47								
			5984	39.8	97.9	21.4	104.9	32.8
71.81								
			6051	40.9	64.5	48.9	103.1	2.4
51.78								
			5949	60.6	64.8	69.4	132.2	-6.7
45.87								
			5951	52.4	94.7	46.6	124.7	22.4
57.19								
		Min	Cent	-4.9	-56.3	-18.6	1.1	-62.4
-17.94								
			5984	-29.6	-145.3	-15.3	-27.6	-147.3
-7.40								
			6051	-6.2	-14.2	-27.7	17.8	-38.2
-40.92								
			5949	-12.0	-12.3	-28.1	16.0	-40.3
-44.85								
			5951	-32.8	-129.9	-19.7	-28.9	-133.7
-11.04								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	317.8	2454.4	2548.2	4149.2	-1376.9
56.37								
			5984	6021.1	9382.0	3435.3	11525.8	3877.3
58.03								
			6051	5402.2	6539.3	6925.2	12919.2	-977.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

47.35			5949	8328.1	21590.8	4608.3	23034.8	6884.1
72.60			5951	860.3	10358.2	2149.2	10821.9	396.6
77.83								
-17.40	Min	Cent		-7495.0	-13676.3	-2147.4	-6822.2	-14349.1
-8.76			5984	-1335.9	-19494.9	-2866.7	-894.1	-19936.7
-16.96			6051	-38060.7	-44161.6	-2051.1	-37435.3	-44787.1
-10.94			5949	-7706.9	-18638.5	-2195.9	-7282.3	-19063.1
-15.23			5951	-2830.3	-12389.3	-2811.0	-2065.0	-13154.6

		NODE	Vxx	Vyy
Max	Cent		14.6	40.4
	5984		34.5	38.7
	6051		34.4	44.6
	5949		6.9	44.6
	5951		6.9	39.4
Min	Cent		-0.7	-74.0
	5984		-3.8	-48.7
	6051		-3.8	-107.8
	5949		-7.9	-107.8
	5951		-8.1	-51.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-1.29	pp	Cent	25.7	-80.7	-2.4	25.7	-80.8
-7.72		5984	-8.4	-175.9	-23.1	-5.3	-179.0
-18.31		6051	46.4	6.6	-14.8	51.3	1.7
18.27		5949	58.5	10.4	17.8	64.3	4.5
3.35		5951	6.0	-164.5	10.0	6.6	-165.1

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.64		Cent	-1438.6	-5767.7	757.6	-1309.9	-5896.4
6.99		5984	87.7	-7262.1	915.5	200.1	-7374.4
13.35		6051	-2244.2	-3811.1	394.0	-2150.7	-3904.6
8.55		5949	-3442.0	-7476.4	620.4	-3348.8	-7569.7
12.48		5951	-134.2	-4542.5	1025.7	92.7	-4769.5

		NODE	Vxx	Vyy
		Cent	3.2	0.7
		5984	3.8	-5.5
		6051	3.8	7.0
		5949	2.6	7.0
		5951	2.6	-5.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

20.39	vento -y	Cent	-0.2	-0.7	0.2	-0.1	-0.8
15.42		5984	-0.1	-1.1	0.3	-0.0	-1.2
-0.59		6051	0.2	-0.2	-0.0	0.2	-0.2
39.53		5949	-0.3	-0.3	0.2	-0.2	-0.5
26.74		5951	-0.5	-1.2	0.4	-0.3	-1.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-5.18		Cent	-20.9	-64.3	-4.0	-20.6	-64.7
1.52		5984	9.1	-109.8	3.2	9.2	-109.9
1.59		6051	-117.4	-227.4	3.1	-117.3	-227.5
88.24		5949	36.9	75.9	1.2	75.9	36.9
-76.61		5951	-11.3	4.9	-4.1	5.9	-12.3
		NODE	Vxx	Vyy			
		Cent	0.0	-0.4			
		5984	0.1	-0.2			
		6051	0.1	-0.5			
		5949	-0.0	-0.5			
		5951	-0.0	-0.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

35.02	cedime~1	Cent	-1.1	-12.0	15.0	9.4	-22.5
22.78		5984	-6.8	-29.5	11.5	-2.0	-34.3
46.27		6051	3.3	4.4	12.3	16.2	-8.4
45.27		5949	4.4	4.8	18.4	23.0	-13.8
28.81		5951	-5.3	-27.7	17.7	4.4	-37.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-22.24		Cent	-803.1	-1611.5	-397.0	-640.7	-1773.8
-8.02		5984	596.1	-1585.8	-313.5	640.3	-1630.0
1.73		6051	-4554.4	-7367.9	84.8	-4551.9	-7370.4
-87.56		5949	1145.0	2767.6	-69.2	2770.6	1142.0
-48.99		5951	-388.7	-231.7	-559.8	255.1	-875.5

PROJECT TITLE :

	Company		Client	
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NODE	Vxx	Vyy
Cent	1.6	-10.6
5984	3.9	-3.3
6051	3.8	-17.8
5949	-0.7	-17.8
5951	-0.7	-3.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
13.17	perm	Cent	11.3	-33.7	11.2	13.9	-36.3
-1.76		5984	-9.8	-79.7	-2.1	-9.8	-79.7
29.88		6051	15.8	5.5	8.8	20.9	0.4
32.99		5949	31.7	10.3	24.1	47.4	-5.3
9.56		5951	7.3	-71.3	13.6	9.6	-73.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
5.23	Cent	-1136.3	-5029.4	359.6	-1103.4	-5062.4
4.62	5984	161.5	-4402.5	371.6	191.5	-4432.6
10.87	6051	-1214.2	-2235.1	203.5	-1175.1	-2274.2
2.69	5949	-3508.2	-8425.0	231.6	-3497.3	-8435.9
4.70	5951	7.8	-5077.9	421.1	42.5	-5112.6

NODE	Vxx	Vyy
Cent	2.5	6.6
5984	2.3	1.5
6051	2.3	11.6
5949	2.7	11.6
5951	2.7	1.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
40.05	INV TO~1	Max	Cent	57.1	38.6	84.0	126.6	-21.8
49.54			5984	43.9	52.5	38.3	75.3	21.1
48.70			6051	74.4	97.0	87.2	173.6	6.1
43.38			5949	118.0	102.6	136.1	246.7	-2.4
38.44			5951	78.1	56.6	94.2	147.6	-10.0
-0.40	Min	Cent	3.6	-121.8	-15.9	3.6	-121.8	
-2.79		5984	-56.6	-305.4	-23.7	-56.0	-306.0	
-29.24		6051	7.4	-13.7	-28.5	19.8	-33.6	
		5949	15.5	-6.3	-13.9	20.9	-26.1	

PROJECT TITLE :

	Company		Client	
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11.27							
1.16		5951	-42.2	-274.4	-13.0	-42.1	-274.4
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	-441.0	-1715.9	3799.7	2774.3	-4931.3
40.24		5984	8886.1	8263.2	5009.3	13285.9	3267.3
44.92		6051	6078.8	6592.9	9637.3	15891.8	-3220.1
45.77		5949	8879.7	23490.2	6452.8	25886.3	6483.5
69.43		5951	1169.2	8905.6	3322.5	10136.6	-61.8
69.67	Min	Cent	-12057.6	-32518.7	-2936.4	-11644.6	-32931.8
-8.01		5984	-2936.9	-76729.7	-3811.9	-2767.8	-76924.6
-2.77		6051	-57150.6	-69221.2	-5976.5	-54751.6	-71620.1
-22.15		5949	-13912.5	-33587.0	-2802.1	-13540.0	-33959.5
-7.76		5951	-4201.8	-22035.2	-3933.6	-3372.7	-22864.3
-11.90							

		NODE	Vxx	Vyy
	Max	Cent	23.8	61.2
		5984	52.8	53.8
		6051	52.6	71.9
		5949	12.0	71.9
		5951	12.0	54.7
	Min	Cent	1.1	-118.8
		5984	-2.9	-154.6
		6051	-2.8	-151.6
		5949	-8.7	-151.7
		5951	-8.9	-157.8

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~2	Max	Cent	57.1	38.6	84.0	126.6	-21.8
40.05			5984	43.9	52.5	38.3	75.3	21.1
49.54			6051	74.4	97.0	87.2	173.6	6.1
48.70			5949	118.0	102.6	136.1	246.7	6.0
43.38			5951	78.1	56.6	94.2	147.6	-10.0
38.44		Min	Cent	3.6	-121.8	-15.9	3.6	-121.8
-0.40			5984	-56.6	-305.4	-31.2	-56.0	-306.0
-2.79			6051	7.4	-13.7	-28.5	19.8	-33.6
-29.24			5949	15.5	-6.3	-13.9	20.9	-26.1
11.27			5951	-42.2	-274.4	-13.0	-42.1	-274.4
1.16								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin

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ANGLE

	Max	Cent						
40.24			-441.0	-1715.9	3799.7	2774.3	-4931.3	
44.92		5984	8886.1	8263.2	5009.3	13285.9	3267.3	
45.77		6051	6078.8	6592.9	9637.3	15891.8	-3220.1	
69.43		5949	8879.7	23490.2	6452.8	25886.3	6483.5	
69.67		5951	1169.2	8905.6	3322.5	10136.6	-61.8	
-8.01	Min	Cent	-12057.6	-32518.7	-2936.4	-11644.6	-32931.8	
-2.77		5984	-2936.9	-76729.7	-3811.9	-2767.8	-76924.6	
-22.15		6051	-57150.6	-69221.2	-5976.5	-54751.6	-71620.1	
-7.76		5949	-13912.5	-33587.0	-2802.1	-13540.0	-33959.5	
-11.90		5951	-4201.8	-22035.2	-3933.6	-3372.7	-22864.3	

	NODE	Vxx	Vyy
Max	Cent	23.8	61.2
	5984	52.8	53.8
	6051	52.6	71.9
	5949	12.0	71.9
	5951	12.0	54.7
Min	Cent	1.1	-118.8
	5984	-2.9	-154.6
	6051	-2.8	-151.6
	5949	-8.7	-151.7
	5951	-8.9	-157.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6266	2	14	c mob-a	Max	Cent	37.0	27.7	38.2	70.8	-6.2
41.53					6051	37.0	27.7	38.2	70.8	-6.2
41.53					5914	37.0	27.7	38.2	70.8	-6.2
41.53					5949	37.0	27.7	38.2	70.8	-6.2
41.53				Min	Cent	-53.0	-19.6	-12.8	-15.3	-57.3
-71.29					6051	-53.0	-19.6	-12.8	-15.3	-57.3
-71.29					5914	-53.0	-19.6	-12.8	-15.3	-57.3
-71.29					5949	-53.0	-19.6	-12.8	-15.3	-57.3

ANGLE

	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
38.00			4248.6	1818.5	4876.0	8058.6	-1991.5
66.04		6051	2240.3	6195.1	2189.4	7167.9	1267.5
31.76		5914	8115.4	1555.0	6584.8	12191.8	-2521.4

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32.77			5949	9107.9	3300.2	6386.3	13219.5	-811.5
-19.86	Min	Cent		-5288.9	-11527.4	-2591.7	-4352.7	-12463.6
-19.12			6051	-15496.4	-27202.2	-4611.4	-13898.0	-28800.5
-18.70			5914	-2248.7	-8636.7	-2441.9	-1422.2	-9463.3
-50.91			5949	-4708.8	-3593.8	-2663.4	-1430.2	-6872.4

		NODE	Vxx	Vyy
Max	Cent		4.2	14.8
		6051	2.7	19.2
		5914	2.7	8.4
		5949	7.1	17.0
Min	Cent		-16.8	-43.1
		6051	-12.0	-60.7
		5914	-12.0	-22.2
		5949	-27.4	-51.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
36.68	c mob-b	Max	Cent	84.0	29.7	90.9	151.7	-38.0
36.68			6051	84.0	29.7	90.9	151.7	-38.0
36.68			5914	84.0	29.7	90.9	151.7	-38.0
36.68			5949	84.0	29.7	90.9	151.7	-38.0
-47.54		Min	Cent	-50.0	-45.7	-24.1	-23.7	-72.0
-47.54			6051	-50.0	-45.7	-24.1	-23.7	-72.0
-47.54			5914	-50.0	-45.7	-24.1	-23.7	-72.0
-47.54			5949	-50.0	-45.7	-24.1	-23.7	-72.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
35.19		Max	Cent	10111.1	1607.4	11921.5	18516.3	-6797.8
62.51			6051	2400.9	10000.2	5422.5	12821.8	-420.7
29.65			5914	21124.5	1941.2	16150.2	30316.6	-7250.9
32.00			5949	20631.5	6050.2	14945.4	29969.7	-3288.0
-16.37		Min	Cent	-6530.7	-23092.9	-5325.2	-4966.3	-24657.3
-6.33			6051	-15068.6	-50684.1	-4000.6	-14624.8	-51127.9
-27.75			5914	-6051.5	-16518.7	-7616.7	-2043.6	-20526.5
-40.34			5949	-12472.3	-14477.9	-6115.9	-7277.5	-19672.7

		NODE	Vxx	Vyy
Max	Cent		8.4	37.5
		6051	5.0	47.6

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	5914	5.0	22.8
	5949	15.3	42.3
Min	Cent	-32.1	-83.6
	6051	-23.6	-109.1
	5914	-23.6	-46.1
	5949	-49.2	-95.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
62.45	pp	Cent	-34.2	36.9	50.9	63.4	-60.7
62.45		6051	-34.2	36.9	50.9	63.4	-60.7
62.45		5914	-34.2	36.9	50.9	63.4	-60.7
62.45		5949	-34.2	36.9	50.9	63.4	-60.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-28.09	Cent	-2530.8	-4375.7	-1376.8	-1796.0	-5110.5
-31.01	6051	-2315.2	-3200.7	-833.1	-1814.5	-3701.3
-31.92	5914	-841.3	-2797.8	-1992.2	399.9	-4038.9
-22.05	5949	-4436.1	-7128.8	-1305.1	-3907.3	-7657.6

NODE	Vxx	Vyy
Cent	-0.8	7.1
6051	-1.3	8.5
5914	-1.3	5.1
5949	0.1	7.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
24.50	vento -y	Cent	-0.0	-0.6	0.4	0.2	-0.8
24.50		6051	-0.0	-0.6	0.4	0.2	-0.8
24.50		5914	-0.0	-0.6	0.4	0.2	-0.8
24.50		5949	-0.0	-0.6	0.4	0.2	-0.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
9.13	Cent	-1.9	-88.7	14.3	0.4	-91.0
-9.18	6051	-100.3	-235.3	-22.4	-96.6	-238.9
15.79	5914	33.4	-76.1	33.7	42.9	-85.6
37.96	5949	61.1	45.2	31.7	85.8	20.4

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          Cent      -0.1      -0.4
          6051      -0.1      -0.6
          5914      -0.1      -0.2
          5949      -0.2      -0.5
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

12.75	cedime~1	Cent	43.7	-25.8	16.6	47.5	-29.6
12.75		6051	43.7	-25.8	16.6	47.5	-29.6
12.75		5914	43.7	-25.8	16.6	47.5	-29.6
12.75		5949	43.7	-25.8	16.6	47.5	-29.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

13.85		Cent	80.3	-2836.3	765.7	269.1	-3025.1
-5.82		6051	-3332.3	-7710.8	-451.3	-3286.3	-7756.9
18.69		5914	1471.2	-2309.3	1443.9	1959.6	-2797.7
38.62		5949	2102.1	1511.3	1304.5	3144.2	469.2

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          NODE      Vxx      Vyy
          Cent      -4.6      -13.9
          6051      -3.1      -18.4
          5914      -3.1      -7.2
          5949      -7.6      -16.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

39.44	perm	Cent	14.3	2.6	29.9	38.8	-22.0
39.44		6051	14.3	2.6	29.9	38.8	-22.0
39.44		5914	14.3	2.6	29.9	38.8	-22.0
39.44		5949	14.3	2.6	29.9	38.8	-22.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-36.85		Cent	-2612.4	-3702.7	-1863.3	-1216.2	-5099.0
-47.44		6051	-1347.9	-1177.4	-999.6	-259.4	-2265.9
-40.24		5914	-1531.0	-2422.6	-2656.4	716.8	-4670.3
-28.30		5949	-4958.4	-7508.3	-1933.7	-3917.2	-8549.5

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          NODE      Vxx      Vyy
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	0.6	10.7
6051	-0.2	13.1
5914	-0.2	7.0
5949	2.3	11.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.71	INV TO~1	Max Cent	171.4	42.6	169.1	280.1	-61.0
32.71		6051	171.4	42.6	169.1	280.1	-61.0
32.71		5914	171.4	42.6	169.1	280.1	-61.0
32.71		5949	171.4	42.6	169.1	280.1	-61.0
-34.98		Min Cent	-57.2	-85.0	-2.6	-55.4	-91.8
-34.98		6051	-57.2	-85.0	-2.6	-55.4	-91.8
-34.98		5914	-57.2	-85.0	-2.6	-55.4	-91.8
-34.98		5949	-57.2	-85.0	-2.6	-55.4	-91.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
33.33	Max	Cent	11117.8	-1247.8	14996.5	-10605.1
64.76		6051	1893.3	12322.9	6320.8	-1086.2
26.71		5914	28458.3	198.1	20590.2	-9774.0
29.86		5949	24996.2	2170.7	19547.0	-9051.4
-16.08	Min	Cent	-11428.9	-37714.5	-9052.2	-40102.6
-8.27		6051	-25600.4	-77311.7	-7676.3	-78427.2
-25.36		5914	-9700.4	-27032.1	-12938.9	-32480.7
-37.77		5949	-21796.0	-27053.5	-10190.2	-13900.9

	NODE	Vxx	Vyy
Max	Cent	12.0	61.3
	6051	6.6	77.4
	5914	6.6	37.8
	5949	22.9	69.0
Min	Cent	-47.3	-116.1
	6051	-35.1	-152.5
	5914	-35.1	-62.4
	5949	-71.8	-133.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.71	INV TO~2	Max Cent	171.4	49.8	169.1	280.1	-61.0
32.71		6051	171.4	49.8	169.1	280.1	-61.0
		5914	171.4	49.8	169.1	280.1	-61.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

32.71			5949	171.4	49.8	169.1	280.1	-61.0
32.71								
-34.98		Min	Cent	-57.2	-85.0	-2.6	-55.4	-91.8
-34.98				6051	-57.2	-85.0	-2.6	-55.4
-34.98				5914	-57.2	-85.0	-2.6	-55.4
-34.98				5949	-57.2	-85.0	-2.6	-55.4

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	11117.8	-1247.8	14996.5	20394.8	-6899.2
33.33					6051	1893.3	12322.9	6320.8	15302.4
64.76					5914	28458.3	198.1	20590.2	38816.9
26.71					5949	24996.2	2170.7	19547.0	36218.4
29.86			Min	Cent	-11428.9	-37714.5	-9052.2	-8960.5	-40102.6
-16.08					6051	-25600.4	-77311.7	-7676.3	-24484.9
-8.27					5914	-9700.4	-27032.1	-12938.9	-2780.6
-25.36					5949	-21796.0	-27053.5	-10190.2	-13900.9
-37.77									

			NODE	Vxx	Vyy
	Max	Cent		12.0	61.3
			6051	6.6	77.4
			5914	6.6	37.8
			5949	22.9	69.0
	Min	Cent		-47.3	-116.1
			6051	-35.1	-152.5
			5914	-35.1	-62.4
			5949	-71.8	-133.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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6267	2	14	c mob-a	Max	Cent	19.5	72.3	18.5	78.1	13.7
72.51										
72.51										
72.51										
72.51										
72.51										
-41.53				Min	Cent	-22.4	-32.1	-39.9	13.0	-67.4
-41.53										
-41.53										
-41.53										
-41.53										

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.20		Max	Cent	2235.1	1873.1	6482.1	8538.8	-4430.5
41.59				6051	2950.4	1794.7	4837.1	-2499.0
43.02				5881	4496.7	3665.7	6000.9	-1934.0
43.75				5914	4630.0	3872.1	8697.0	-4454.2
-59.94		Min	Cent	-8616.3	-6281.9	-2031.1	-5106.5	-9791.7
-38.99				6051	-11486.2	-12696.4	-2843.7	-14998.7
-68.94				5881	-8500.8	-3938.5	-2062.9	-3144.1
-68.70				5914	-7270.3	-3819.8	-1586.3	-3201.4

		NODE	Vxx	Vyy
Max	Cent		2.0	3.1
	6051		3.1	2.0
	5881		3.1	7.9
	5914		2.5	4.0
Min	Cent		-9.3	-6.1
	6051		-7.7	-10.7
	5881		-7.7	-4.0
	5914		-14.1	-5.6

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

70.51	c mob-b	Max	Cent	22.9	130.5	43.5	145.9	7.5
70.51			6051	22.9	130.5	43.5	145.9	7.5
70.51			5881	22.9	130.5	43.5	145.9	7.5
70.51			5914	22.9	130.5	43.5	145.9	7.5
-50.27		Min	Cent	-49.3	-35.0	-38.5	-3.0	-81.3
-50.27			6051	-49.3	-35.0	-38.5	-3.0	-81.3
-50.27			5881	-49.3	-35.0	-38.5	-3.0	-81.3
-50.27			5914	-49.3	-35.0	-38.5	-3.0	-81.3

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

51.73		Max	Cent	833.6	8019.4	15016.7	19867.0	-11014.0
40.18			6051	4454.8	1021.7	10095.6	12978.7	-7502.3
71.30			5881	5703.8	33197.4	10506.5	36752.6	2148.5
48.41			5914	1657.5	7633.0	24957.4	29780.9	-20490.4
-83.56		Min	Cent	-20178.2	-8409.0	-1346.7	-8256.9	-20330.3
-85.02			6051	-28067.5	-13117.2	-1312.9	-13002.8	-28182.0
-78.80			5881	-15976.4	-5600.6	-2138.6	-5177.1	-16399.9

PROJECT TITLE :

	Company		Client	
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44.36							
		5881	-0.3	-42.3	38.5	22.5	-65.2
30.69							
		5914	14.7	12.8	36.0	49.8	-22.3
44.23							

NODE	Vxx	Vyy
Cent	-0.1	-0.1
6051	-0.1	-0.0
5881	-0.1	-0.1
5914	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
61.71	cedime~1	Cent	-11.6	28.8	30.6	45.2	-28.0
61.71		6051	-11.6	28.8	30.6	45.2	-28.0
61.71		5881	-11.6	28.8	30.6	45.2	-28.0
61.71		5914	-11.6	28.8	30.6	45.2	-28.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
48.22	Cent	-1314.6	-1035.2	1239.9	72.8	-2422.6
53.36	6051	-3380.2	-2853.2	877.3	-2200.7	-4032.8
42.02	5881	-504.5	-780.5	1321.5	686.2	-1971.2
50.47	5914	-59.2	528.2	1520.9	1783.5	-1314.5

NODE	Vxx	Vyy
Cent	-2.2	-2.1
6051	-2.1	-2.2
5881	-2.1	-2.0
5914	-2.3	-2.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.14	perm	Cent	-0.5	63.3	-7.8	64.2	-1.5
-83.14		6051	-0.5	63.3	-7.8	64.2	-1.5
-83.14		5881	-0.5	63.3	-7.8	64.2	-1.5
-83.14		5914	-0.5	63.3	-7.8	64.2	-1.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
21.10	Cent	-1715.8	-3646.2	875.2	-1378.1	-3983.9
8.83	6051	-568.4	-3684.0	495.8	-491.4	-3761.0

PROJECT TITLE :

	Company		Client	
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68.43	5881	-1559.4	-1174.3	180.4	-1103.0	-1630.7
25.93	5914	-3019.7	-6080.2	1949.4	-2071.7	-7028.2

NODE	Vxx	Vyy
Cent	-0.7	3.6
6051	1.6	-1.8
5881	1.6	7.9
5914	-5.3	4.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
73.40	INV TO~1	Max	Cent	30.4	268.1	81.5	292.4	18.6
73.40			6051	30.4	268.1	81.5	292.4	18.6
73.40			5881	30.4	268.1	81.5	292.4	18.6
73.40			5914	30.4	268.1	81.5	292.4	18.6
-61.99			Min	Cent	Cent	-78.6	16.1	-61.7
-61.99	6051	-78.6			16.1	-61.7	48.9	-99.9
-61.99	5881	-78.6			16.1	-61.7	48.9	-99.9
-61.99	5914	-78.6			16.1	-61.7	48.9	-99.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
48.92	Max	Cent	1301.6	7180.1	22387.6	25664.3	-17110.2
38.32		6051	5445.5	-1261.2	15002.2	16609.7	-12425.4
69.94		5881	6140.7	43642.2	15685.8	48589.8	1271.1
45.61		5914	3230.8	4752.6	37162.8	41133.2	-31917.8
-87.48		Min	Cent	-30271.0	-16033.5	-1866.8	-16005.9
-82.17	6051		-41839.8	-24245.4	-3343.2	-23906.4	-42178.9
-84.45	5881		-23631.9	-9515.7	-2706.6	-9381.0	-23766.6
-86.67	5914		-36271.1	-32924.2	-192.1	-32913.0	-36682.9

NODE	Vxx	Vyy	
Max	Cent	5.1	46.8
	6051	14.3	0.9
	5881	14.3	98.7
	5914	-1.9	59.1
	Min	Cent	-43.4
6051		-20.3	-37.7
5881		-20.3	-3.9
5914		-95.3	-10.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-----		INV TO~2	Max	Cent	31.0	268.1	81.5	292.4	18.6
73.40				6051	31.0	268.1	81.5	292.4	18.6
73.40				5881	31.0	268.1	81.5	292.4	18.6
73.40				5914	31.0	268.1	81.5	292.4	18.6
73.40									
			Min	Cent	-78.6	16.1	-86.0	48.9	-99.9
-61.99				6051	-78.6	16.1	-86.0	48.9	-99.9
-61.99				5881	-78.6	16.1	-86.0	48.9	-99.9
-61.99				5914	-78.6	16.1	-86.0	48.9	-99.9
-61.99									

-----				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									
			Max	Cent	1301.6	7180.1	22387.6	25664.3	-4413.9
48.92				6051	5445.5	-1261.2	15002.2	16609.7	-5130.8
38.32				5881	6140.7	43642.2	15685.8	48589.8	1271.1
69.94				5914	3230.8	4752.6	37162.8	41133.2	-7895.9
45.61									
			Min	Cent	-30271.0	-16033.5	-1866.8	-16005.9	-30298.6
-87.48				6051	-41839.8	-24245.4	-3343.2	-23906.4	-42178.9
-82.17				5881	-23631.9	-9515.7	-2706.6	-9381.0	-23766.6
-84.45				5914	-36271.1	-32924.2	-192.1	-32913.0	-36682.9
-86.67									

-----				NODE	Vxx	Vyy
			Max	Cent	5.1	46.8
				6051	14.3	0.9
				5881	14.3	98.7
				5914	-1.9	59.1
			Min	Cent	-43.4	-12.9
				6051	-20.3	-37.7
				5881	-20.3	-3.9
				5914	-95.3	-10.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6268	2	14	c mob-a							
	ANGLE									
55.34				Max	Cent	14.9	49.5	45.8	81.1	-16.7
55.34				5916	14.9	49.5	45.8	81.1	-16.7	
55.34				5881	14.9	49.5	45.8	81.1	-16.7	
55.34				6051	14.9	49.5	45.8	81.1	-16.7	
55.34										
				Min	Cent	-31.1	-37.9	-43.7	9.3	-78.4
-42.77				5916	-31.1	-37.9	-43.7	9.3	-78.4	
-42.77				5881	-31.1	-37.9	-43.7	9.3	-78.4	

PROJECT TITLE :

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-42.77
-42.77

6051 -31.1 -37.9 -43.7 9.3 -78.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1477.3	2317.6	6447.2	8358.4	-4563.4
46.86		5916	2038.4	8155.2	5275.4	11194.7	-1001.1
60.05		5881	698.6	1810.7	9222.5	10493.9	-7984.6
46.73		6051	3044.2	5067.1	4896.8	9055.9	-944.6
50.84	Min	Cent	-10018.5	-15617.2	-6174.5	-6038.4	-19597.3
-32.81		5916	-15470.9	-16238.5	-7138.3	-8706.1	-23003.3
-43.46		5881	-1077.5	-10677.1	-4950.0	1017.6	-12772.3
-22.94		6051	-14672.2	-24302.9	-6440.1	-11446.3	-27528.8
-26.61							

		NODE	Vxx	Vyy
	Max	Cent	3.0	32.9
		5916	3.1	47.3
		5881	3.1	11.2
		6051	23.9	53.0
	Min	Cent	-11.7	-19.2
		5916	-15.8	-19.3
		5881	-15.8	-22.8
		6051	-10.5	-19.3

LC ANGLE

		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	c mob-b	Max	Cent	29.5	67.7	94.5	145.0
50.72			5916	29.5	67.7	94.5	145.0
50.72			5881	29.5	67.7	94.5	145.0
50.72			6051	29.5	67.7	94.5	145.0
50.72	Min	Cent	-35.0	-93.8	-40.4	-14.4	-114.4
-26.97			5916	-35.0	-93.8	-40.4	-114.4
-26.97			5881	-35.0	-93.8	-40.4	-114.4
-26.97			6051	-35.0	-93.8	-40.4	-114.4
-26.97							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1891.9	2074.0	14241.8	16225.0	-12259.1
45.18		5916	4283.3	24549.7	11439.6	29698.7	-865.8
65.77		5881	4341.9	6630.8	20384.9	25903.3	-14930.7
46.61		6051	5796.1	6343.5	10910.4	16983.6	-4844.0

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45.72								
	Min	Cent	-11959.2	-9786.6	-3129.7	-7560.1	-14185.7	
-54.57								
			5916	-15968.0	-5660.6	-2425.8	-5118.3	-16510.4
-77.40								
			5881	-4504.1	-8588.0	-4262.6	-1819.6	-11272.5
-32.20								
			6051	-24250.8	-40514.9	-2757.1	-23796.1	-40969.6
-9.36								

		NODE	Vxx	Vyy
	Max	Cent	8.4	72.7
		5916	8.3	119.6
		5881	8.3	14.1
		6051	56.1	133.6
	Min	Cent	-3.5	-12.0
		5916	-28.0	-17.0
		5881	-28.0	-41.8
		6051	-2.9	-18.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-24.9	78.8	4.7	79.0	-25.1
87.42							
		5916	-24.9	78.8	4.7	79.0	-25.1
87.42							
		5881	-24.9	78.8	4.7	79.0	-25.1
87.42							
		6051	-24.9	78.8	4.7	79.0	-25.1
87.42							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-1107.2	-2277.2	-548.2	-890.4	-2493.9
-21.57							
		5916	-540.8	-545.8	-525.8	-17.5	-1069.1
-44.86							
		5881	-1294.6	-2320.9	-481.6	-1104.0	-2511.5
-21.59							
		6051	-1486.0	-3964.9	-637.2	-1331.8	-4119.1
-13.60							

		NODE	Vxx	Vyy
		Cent	1.3	4.6
		5916	0.3	6.5
		5881	0.3	0.3
		6051	3.5	7.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.4	-0.9	0.3	-0.2	-1.0
24.89							
		5916	-0.4	-0.9	0.3	-0.2	-1.0
24.89							
		5881	-0.4	-0.9	0.3	-0.2	-1.0
24.89							
		6051	-0.4	-0.9	0.3	-0.2	-1.0
24.89							

PROJECT TITLE :

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-7.62		Cent	-56.9	-126.5	-9.5	-55.6	-127.8
-20.30		5916	-57.8	-79.9	-9.5	-54.3	-83.4
-8.58		5881	-6.3	-85.9	-12.3	-4.5	-87.8
-3.55		6051	-106.6	-213.8	-6.7	-106.2	-214.2

NODE	Vxx	Vyy
Cent	-0.0	0.2
5916	-0.1	0.2
5881	-0.1	0.0
6051	0.0	0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
30.28	cedime~1	Cent	26.4	-21.0	42.0	51.0	-45.5
30.28		5916	26.4	-21.0	42.0	51.0	-45.5
30.28		5881	26.4	-21.0	42.0	51.0	-45.5
30.28		6051	26.4	-21.0	42.0	51.0	-45.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
4.63		Cent	-2005.8	-3551.1	126.0	-1995.6	-3561.3
85.53		5916	-2101.4	-1476.5	49.1	-1472.7	-2105.3
6.22		5881	-217.3	-2223.7	221.4	-193.2	-2247.9
1.89		6051	-3698.7	-6953.1	107.5	-3695.1	-6956.7

NODE	Vxx	Vyy
Cent	-0.6	7.0
5916	-2.4	10.1
5881	-2.4	-0.1
6051	3.0	11.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
61.06	perm	Cent	2.6	36.6	27.1	51.6	-12.3
61.06		5916	2.6	36.6	27.1	51.6	-12.3
61.06		5881	2.6	36.6	27.1	51.6	-12.3
61.06		6051	2.6	36.6	27.1	51.6	-12.3

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	-654.8	-1932.6	-263.1	-602.7	-1984.6
-11.19	5916	-5.3	-674.7	-267.6	88.5	-768.5
-19.32	5881	-1874.0	-2831.6	-52.4	-1871.2	-2834.4
-3.13	6051	-85.0	-2291.5	-469.2	10.6	-2387.2
-11.52						

	NODE	Vxx	Vyy
	Cent	2.1	2.1
	5916	1.4	3.4
	5881	1.4	-0.9
	6051	3.6	3.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~1	Max	Cent	68.9	128.0	196.6	285.5	-75.2
47.77			5916	68.9	128.0	196.6	285.5	-75.2
47.77			5881	68.9	128.0	196.6	285.5	-75.2
47.77			6051	68.9	128.0	196.6	285.5	-75.2
47.77		Min	Cent	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28			5916	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28			5881	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28			6051	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28								

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	1899.3	1196.2	19089.3	20514.3	-17418.8	
44.47			5916	5777.1	32467.4	15225.0	39331.2	-1086.7
65.66			5881	3987.5	6120.0	27688.6	32541.6	-20781.8
46.11			6051	7739.7	6272.2	14367.3	21284.7	-7272.7
43.53		Min	Cent	-18805.5	-26566.9	-8598.6	-13367.1	-32005.3
-32.70			5916	-23663.6	-24073.1	-9904.3	-14011.0	-33725.6
-44.40			5881	-8171.8	-19469.4	-6734.9	-5198.9	-23855.4
-24.53			6051	-36522.2	-63939.8	-9163.2	-33801.2	-66660.8
-16.72								

	NODE	Vxx	Vyy	
	Max	Cent	13.5	107.2
		5916	12.6	174.9
		5881	12.6	18.2
		6051	82.3	195.1
	Min	Cent	-14.3	-23.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

5916 -38.8 -22.7
 5881 -38.8 -57.4
 6051 -10.6 -22.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

47.77	INV TO~2	Max Cent	68.9	128.0	196.6	285.5	-33.9
47.77		5916	68.9	128.0	196.6	285.5	-33.9
47.77		5881	68.9	128.0	196.6	285.5	-33.9
47.77		6051	68.9	128.0	196.6	285.5	-33.9
-27.28		Min Cent	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28		5916	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28		5881	-44.5	-111.0	-32.0	-28.1	-112.1
-27.28		6051	-44.5	-111.0	-32.0	-28.1	-112.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

44.47	Max Cent	1899.3	1196.2	19089.3	20514.3	-3366.8
65.66	5916	5777.1	32467.4	15225.0	39331.2	-1086.7
46.11	5881	3987.5	6120.0	27688.6	32541.6	-3390.5
43.53	6051	7739.7	6272.2	14367.3	21284.7	-5560.8
-32.70	Min Cent	-18805.5	-26566.9	-8598.6	-13367.1	-32005.3
-44.40	5916	-23663.6	-24073.1	-9904.3	-14011.0	-33725.6
-24.53	5881	-8171.8	-19469.4	-6734.9	-5198.9	-23855.4
-16.72	6051	-36522.2	-63939.8	-9163.2	-33801.2	-66660.8

NODE	Vxx	Vyy

Max Cent	13.5	107.2
5916	12.6	174.9
5881	12.6	18.2
6051	82.3	195.1
Min Cent	-14.3	-23.9
5916	-38.8	-22.7
5881	-38.8	-57.4
6051	-10.6	-22.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

6277	2	12	c mob-a	Max Cent	0.5	2.3	18.7	20.1	-17.3
46.43				817	0.3	2.6	34.8	36.2	-33.4
45.95				818	0.3	2.9	5.7	7.4	-4.2
51.54									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

81.77		9	0.7	34.9	5.0	35.6	-0.1
45.77		8	0.7	3.1	45.1	47.0	-43.3
-0.21	Min	Cent	-52.3	-245.8	-0.7	-52.3	-245.8
-0.10		817	-45.7	-408.0	-0.7	-45.7	-408.0
-4.39		818	-42.4	-83.9	-3.2	-42.1	-84.1
-76.66		9	-59.2	-14.4	-11.3	-11.8	-61.9
-0.08		8	-64.7	-509.3	-0.7	-64.7	-509.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	1.4	5.8	5.6	9.6	-2.4
55.85		817	0.2	0.4	4.6	4.9	-4.3
45.61		818	0.9	2.8	4.6	6.5	-2.8
51.04		9	3.4	20.7	2.9	21.1	3.0
80.84		8	7.6	36.3	4.4	36.9	6.9
81.39	Min	Cent	-0.2	-0.0	-2.4	2.2	-2.5
-46.03		817	-6.1	-25.4	-1.6	-5.9	-25.5
-4.84		818	-1.8	-13.1	-1.1	-1.7	-13.2
-5.34		9	-2.0	-2.0	-3.1	1.2	-5.1
-45.08		8	-0.5	-0.4	-1.7	1.3	-2.2
-45.91							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		817	0.0	0.0
		818	0.0	0.0
		9	0.0	0.0
		8	0.0	0.0
	Min	Cent	-0.0	-0.0
		817	-0.0	-0.1
		818	-0.0	-0.0
		9	-0.0	-0.0
		8	-0.0	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	0.4	2.2	22.7	24.1	-21.4
46.13			817	0.3	2.1	36.8	38.0	-35.6
45.73			818	0.3	2.8	10.0	11.7	-8.5
48.64			9	0.6	31.9	9.3	34.5	-1.9
74.59			8	0.6	2.5	46.6	48.1	-45.0
45.57		Min	Cent	-52.9	-248.8	-0.7	-52.9	-248.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.20			817	-46.3	-413.0	-0.6	-46.3	-413.0
-0.10			818	-42.9	-90.5	-2.9	-42.7	-90.7
-3.45			9	-59.8	-24.6	-11.1	-21.4	-63.0
-73.87			8	-65.3	-515.5	-0.6	-65.3	-515.5
-0.08								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	1.5	5.9	6.7	10.8	-3.3
54.25			817	0.3	0.6	5.5	5.9	-5.0
45.65			818	1.4	5.7	5.3	9.3	-2.1
56.17			9	3.3	19.7	3.7	20.5	2.5
77.97			8	8.7	37.7	5.3	38.7	7.7
79.97		Min	Cent	-0.5	-0.0	-2.4	2.1	-2.6
-47.54			817	-6.5	-26.5	-1.6	-6.4	-26.6
-4.67			818	-1.7	-12.7	-1.0	-1.7	-12.8
-4.98			9	-2.8	-4.6	-3.1	-0.5	-6.9
-36.90			8	-0.4	-0.4	-1.7	1.3	-2.1
-44.89								

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		817		0.0	0.0
		818		0.0	0.0
		9		0.0	0.0
		8		0.0	0.0
	Min	Cent		-0.0	-0.0
		817		-0.0	-0.1
		818		-0.0	-0.0
		9		-0.0	-0.0
		8		-0.0	-0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	-162.4	-760.6	53.3	-157.7	-765.3
5.05			817	-142.4	-1279.1	106.2	-132.6	-1288.9
5.29			818	-131.6	-242.1	0.3	-131.6	-242.1
0.18			9	-183.5	81.7	-32.7	85.7	-187.5
-83.07			8	-201.0	-1602.9	139.2	-187.3	-1616.6
5.62								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	4.9	18.8	9.0	23.2	0.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

63.84							
7.93		817	-17.0	-75.7	8.4	-15.8	-76.9
14.74		818	-2.9	-38.1	9.9	-0.3	-40.7
-89.09		9	5.0	71.2	-1.0	71.2	5.0
85.15		8	20.4	110.8	7.7	111.5	19.7

NODE	Vxx	Vyy
Cent	0.0	-0.2
817	-0.0	-0.2
818	-0.0	-0.1
9	0.0	-0.1
8	0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-1.9	-8.6	0.7	-1.8	-8.7
6.12		817	-1.6	-14.2	1.3	-1.5	-14.3
5.84		818	-1.5	-3.1	0.2	-1.5	-3.1
5.92		9	-2.2	0.4	-0.2	0.4	-2.2
-85.83		8	-2.4	-17.7	1.7	-2.2	-17.9
6.10							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.0	0.2	0.1	0.2	0.0
71.74	817	-0.2	-0.9	0.1	-0.2	-0.9
5.69	818	-0.1	-0.6	0.1	-0.1	-0.6
10.28	9	0.2	1.0	-0.1	1.0	0.2
-85.67	8	-0.0	1.3	0.1	1.3	-0.0
87.62						

NODE	Vxx	Vyy
Cent	-0.0	-0.0
817	0.0	-0.0
818	0.0	-0.0
9	-0.0	-0.0
8	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	58.4	281.2	-68.2	300.4	39.2
-74.27		817	41.3	386.9	-78.9	404.1	24.1
-77.72		818	39.1	175.5	-57.4	196.4	18.2
-69.97		9	77.9	109.5	-50.6	146.7	40.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-53.67
-77.62

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
Cent	-4.3	-5.7	5.1	0.2	-10.2
817	2.9	22.8	3.1	23.3	2.4
818	6.7	41.6	0.7	41.6	6.7
9	-12.6	-52.6	8.6	-10.8	-54.4
8	-5.4	-33.5	3.3	-5.0	-33.9

NODE	Vxx	Vyy
Cent	0.0	0.1
817	0.0	0.1
818	0.0	0.1
9	0.0	0.1
8	0.0	0.1

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
perm	Cent	-65.0	-306.1	25.0	-62.5	-308.7
	817	-56.2	-502.7	45.0	-51.7	-507.1
	818	-52.1	-109.6	4.9	-51.7	-110.0
	9	-74.5	13.1	-7.6	13.8	-75.1
	8	-81.1	-625.4	57.6	-75.1	-631.4

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin
Cent	1.7	7.3	5.6	10.7	-1.8
817	-7.6	-32.8	4.9	-6.7	-33.7
818	-0.5	-11.3	5.2	1.6	-13.5
9	0.5	23.7	1.5	23.8	0.4
8	9.2	46.5	4.6	47.0	8.7

NODE	Vxx	Vyy
Cent	0.0	-0.1
817	-0.0	-0.1
818	-0.0	-0.0
9	0.0	-0.0
8	0.0	-0.1

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-28.94      INV TO~1  Max  Cent      -6.1      -21.8      55.6      0.8      -28.7
              817      -14.5     -112.2     94.8      -12.0     -114.7
      8.96              818      -12.7      69.8      18.5      85.3      -28.1
-68.33              9        4.3      169.7      5.0      181.5      -7.5
-75.55              8        1.2     -168.3     120.4      8.1     -175.2
      11.14              Min  Cent     -136.4     -642.0     -44.1     -135.3     -643.1
      2.72              817     -118.7    -1060.2    -34.8     -116.7    -1062.2
      2.68              818     -110.0    -231.8     -56.8     -110.0    -231.8
      0.28              9     -155.2     -20.1     -73.4     -16.3     -158.9
-80.67              8     -169.3    -1321.3    -29.0     -166.5    -1324.1
      2.81
  
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              NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
              Max  Cent      3.6      15.3      19.7      25.2      0.2
55.89              817      -4.3      -9.2      15.4      8.8      -22.3
40.45              818      8.1      38.0      13.0      42.8      3.2
69.46              9        5.1      51.6      15.0      52.5      4.2
82.31              8        20.9     97.4      15.1      99.2      19.2
81.46              Min  Cent     -3.3      1.5      2.4      7.0      -15.9
53.76              817     -16.4     -68.6      2.7     -16.2     -68.7
      2.91              818     -3.0     -29.1      3.8     -2.4     -29.6
      8.13              9     -15.9     -35.1     -2.8     -14.2     -36.7
15.52              8        3.1      12.5      2.3      15.1      0.5
64.91
  
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              NODE      Vxx      Vyy
-----
      Max  Cent      0.0      0.0
              817      0.0     -0.0
              818      0.0      0.1
              9        0.0      0.1
              8        0.0     -0.0
      Min  Cent     -0.0     -0.1
              817     -0.0     -0.2
              818     -0.0     -0.1
              9        0.0     -0.1
              8        0.0     -0.2
  
```

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              LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-28.94      INV TO~2  Max  Cent      -6.1      -21.8      71.9      0.8      -28.7
              817     -14.5     -112.2     143.3     -12.0     -114.7
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.96							
-68.33		818	-12.7	69.8	18.5	85.3	-28.1
-75.55		9	4.3	169.7	5.0	181.5	-7.5
11.14		8	1.2	-168.3	187.9	8.1	-175.2
5.05	Min	Cent	-219.3	-1026.8	-44.1	-213.0	-1033.2
5.29		817	-192.3	-1726.8	-34.8	-179.0	-1740.1
0.18		818	-177.7	-326.8	-56.8	-177.7	-326.8
-80.67		9	-247.7	-20.1	-73.4	-16.3	-253.1
5.62		8	-271.4	-2164.0	-29.0	-252.9	-2182.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	6.6	25.3	19.7	31.3	0.7
63.84		817	-4.3	-9.2	15.4	8.8	-22.3
40.45		818	8.1	38.0	13.4	42.8	3.2
69.46		9	6.8	96.1	15.0	96.1	6.8
-89.09		8	27.5	149.6	15.1	150.5	26.7
85.15	Min	Cent	-3.3	1.5	2.4	7.0	-15.9
53.76		817	-22.9	-102.2	2.7	-21.3	-103.8
7.93		818	-3.9	-51.4	3.8	-2.4	-54.9
8.13		9	-15.9	-35.1	-2.8	-14.2	-36.7
15.52		8	3.1	12.5	2.3	15.1	0.5
64.91							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		817	0.0	-0.0
		818	0.0	0.1
		9	0.0	0.1
		8	0.0	-0.0
	Min	Cent	-0.0	-0.2
		817	-0.0	-0.3
		818	-0.0	-0.2
		9	0.0	-0.2
		8	0.0	-0.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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6278	2	12	c mob-a	Max	Cent	0.3	2.6	2.5	4.2
56.77					1472	0.3	0.9	2.5	3.2
48.45					1473	0.3	11.7	2.5	12.2
77.98					818	0.4	11.7	2.5	12.2
77.93									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.15			817	0.4	0.9	2.5	3.2	-1.9
-9.59	Min	Cent		-17.8	-130.8	-19.6	-14.5	-134.1
-6.16			1472	-25.0	-204.9	-19.6	-22.8	-207.0
-21.17			1473	-25.0	-68.1	-19.6	-17.4	-75.7
-17.25			818	-10.9	-68.1	-19.6	-4.8	-74.2
-5.73			817	-10.9	-204.9	-19.6	-8.9	-206.8

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

47.20	Max	Cent		0.0	0.7	4.0	4.4	-3.7
46.02			1472	0.0	0.3	3.1	3.3	-3.0
58.76			1473	0.8	4.4	3.4	6.5	-1.2
71.73			818	4.9	13.7	3.2	14.7	3.9
74.11			817	4.7	14.2	2.9	15.1	3.9
-45.39	Min	Cent		-0.3	-0.2	-2.4	2.2	-2.6
-12.12			1472	-4.3	-13.1	-2.0	-3.9	-13.5
-13.53			1473	-5.4	-12.5	-1.8	-4.9	-13.0
-22.87			818	-1.4	-4.9	-1.8	-0.6	-5.7
-43.72			817	-0.2	-0.3	-2.0	1.7	-2.2

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		1472	0.0	0.0
		1473	0.0	0.0
		818	0.0	0.0
		817	0.0	0.0
Min	Cent		-0.0	-0.0
		1472	-0.0	-0.0
		1473	-0.0	-0.0
		818	-0.0	-0.0
		817	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

50.90	c mob-b	Max	Cent	0.3	2.5	5.1	6.6	-3.8
46.14			1472	0.3	0.7	5.1	5.6	-4.6
65.16			1473	0.3	9.0	5.1	11.4	-2.1
65.07			818	0.4	9.0	5.1	11.4	-2.0
45.98			817	0.4	0.7	5.1	5.7	-4.6
-9.37		Min	Cent	-18.7	-137.3	-20.1	-15.3	-140.6
			1472	-25.1	-207.5	-20.1	-22.9	-209.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.22			1473	-25.1	-99.6	-20.1	-20.0	-104.7
-14.18			818	-13.3	-99.6	-20.1	-8.9	-104.1
-12.50			817	-13.3	-207.5	-20.1	-11.3	-209.5
-5.86								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	0.1	0.6	4.8	5.2	-4.5
46.60			1472	0.1	0.4	3.8	4.1	-3.5
46.43			1473	1.4	6.8	4.1	9.0	-0.8
61.61			818	4.6	12.6	3.9	14.2	3.0
67.83			817	4.9	14.2	3.6	15.4	3.6
71.21		Min	Cent	-0.3	-0.3	-2.3	2.0	-2.6
-44.74			1472	-4.4	-13.2	-1.9	-4.0	-13.6
-11.61			1473	-4.8	-11.6	-1.8	-4.4	-12.0
-13.74			818	-2.4	-7.8	-1.7	-1.9	-8.3
-16.42			817	-0.3	-0.6	-1.9	1.4	-2.3
-42.66								

			NODE	Vxx	Vyy
	Max	Cent	1472	0.0	0.0
			1473	0.0	0.0
			818	0.0	0.0
			817	0.0	0.0
	Min	Cent	1472	-0.0	-0.0
			1473	-0.0	-0.0
			818	-0.0	-0.0
			817	-0.0	-0.0

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		pp	Cent	-52.7	-391.1	-61.7	-41.8	-402.0
-10.01			1472	-75.7	-644.7	-61.7	-69.1	-651.4
-6.12			1473	-75.7	-137.5	-61.7	-37.6	-175.6
-31.69			818	-29.7	-137.5	-61.7	-1.7	-165.5
-24.42			817	-29.7	-644.7	-61.7	-23.6	-650.9
-5.67								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Cent	-0.5	1.0	4.8	5.1	-4.7
49.39			1472	-13.2	-40.3	3.4	-12.7	-40.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

7.06							
		1473	-13.8	-22.9	4.7	-11.8	-24.9
22.77							
		818	10.6	23.5	4.2	24.7	9.3
73.63							
		817	14.2	43.5	2.9	43.8	13.9
84.38							

NODE	Vxx	Vyy
Cent	0.0	-0.1
1472	0.0	-0.1
1473	0.0	-0.0
818	-0.0	-0.0
817	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.7	-4.8	-0.6	-0.6	-4.8
-7.56		1472	-0.9	-6.7	-0.6	-0.8	-6.8
-5.40		1473	-0.9	-2.8	-0.6	-0.7	-3.0
-14.73		818	-0.4	-2.8	-0.6	-0.3	-3.0
-12.40		817	-0.4	-6.7	-0.6	-0.4	-6.8
-5.03							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-0.0	0.0	0.1	0.1	-0.1
47.90	1472	-0.2	-0.7	0.1	-0.2	-0.7
5.88	1473	-0.2	-0.5	0.1	-0.2	-0.5
12.62	818	0.2	0.5	0.1	0.5	0.2
80.67	817	0.2	0.7	0.0	0.8	0.2
85.41						

NODE	Vxx	Vyy
Cent	0.0	-0.0
1472	0.0	-0.0
1473	0.0	-0.0
818	0.0	-0.0
817	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	37.6	264.5	-20.9	266.4	35.6
-84.77		1472	37.4	118.6	-20.9	123.7	32.3
-76.36		1473	37.4	410.4	-20.9	411.5	36.3
-86.80		818	37.7	410.4	-20.9	411.5	36.5
-86.79		817	37.7	118.6	-20.9	123.7	32.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-76.32

ANGLE NODE Mxx Myy Mxy Mmax Mmin

46.31	Cent	-0.2	0.4	7.4	7.5	-7.3
66.23	1472	3.2	14.5	6.2	17.2	0.5
78.60	1473	15.5	42.8	5.7	43.9	14.3
10.97	818	-15.0	-42.0	5.4	-13.9	-43.1
26.51	817	-4.7	-13.5	5.9	-1.7	-16.5

NODE	Vxx	Vyy
Cent	-0.0	0.1
1472	-0.0	0.0
1473	-0.0	0.1
818	0.0	0.1
817	0.0	0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-8.11	perm	Cent	-22.7	-168.3	-21.2	-19.7	-171.3
-5.51		1472	-31.2	-248.4	-21.2	-29.1	-250.5
-18.30		1473	-31.2	-88.2	-21.2	-24.2	-95.2
-14.92		818	-14.3	-88.2	-21.2	-8.7	-93.8
-5.13		817	-14.3	-248.4	-21.2	-12.4	-250.3

ANGLE NODE Mxx Myy Mxy Mmax Mmin

46.04	Cent	-0.2	0.1	3.7	3.7	-3.8
12.95	1472	-5.5	-17.2	2.8	-4.8	-17.8
42.56	1473	-3.7	-4.3	3.3	-0.7	-7.3
51.88	818	2.3	3.8	3.1	6.3	-0.1
78.01	817	6.1	17.9	2.6	18.5	5.5

NODE	Vxx	Vyy
Cent	0.0	-0.0
1472	0.0	-0.0
1473	0.0	-0.0
818	-0.0	-0.0
817	-0.0	-0.0

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	INV TO~1	Max	Cent	15.3	99.7	-14.2	112.4	2.5
-70.08			1472	6.7	-128.5	-14.2	15.3	-137.1
-13.75			1473	6.7	338.0	-14.2	341.7	3.0
-84.00			818	23.9	338.0	-14.2	341.9	20.0
-83.69			817	23.9	-128.5	-14.2	31.6	-136.2
-12.40		Min	Cent	-47.9	-353.7	-69.3	-40.5	-361.1
-8.77			1472	-65.0	-528.5	-69.3	-60.0	-533.5
-5.89			1473	-65.0	-222.7	-69.3	-51.4	-236.3
-15.76			818	-32.3	-222.7	-69.3	-20.8	-234.2
-13.46			817	-32.3	-528.5	-69.3	-27.7	-533.2
-5.51								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.41		Max	Cent	-0.1	1.4	17.7	18.2	-1.0
45.13			1472	-2.2	-2.1	14.1	12.0	-16.3
69.69			1473	13.7	47.7	14.6	53.1	8.3
64.26			818	9.0	22.3	13.8	26.3	4.9
74.27			817	12.6	37.1	13.4	39.2	10.5
50.91		Min	Cent	-0.8	-0.3	0.5	0.1	-17.1
0.40			1472	-11.4	-35.0	0.2	-11.4	-35.0
4.62			1473	-11.0	-21.2	0.8	-10.9	-21.2
10.19			818	-15.9	-48.7	0.6	-14.8	-49.8
51.15			817	1.0	3.6	-0.0	8.3	-3.7

			NODE	Vxx	Vyy
	Max	Cent		0.0	0.0
		1472		0.0	-0.0
		1473		0.0	0.1
		818		0.0	0.1
		817		0.0	-0.0
	Min	Cent		-0.0	-0.0
		1472		-0.0	-0.1
		1473		-0.0	-0.0
		818		-0.0	-0.0
		817		-0.0	-0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-70.08	INV TO~2	Max	Cent	15.3	99.7	-14.2	112.4	2.5
-13.75			1472	6.7	-128.5	-14.2	15.3	-137.1
			1473	6.7	338.0	-14.2	341.7	3.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.00			818	23.9	338.0	-14.2	341.9	20.0
-83.69			817	23.9	-128.5	-14.2	31.6	-136.2
-12.40		Min	Cent	-71.2	-528.0	-83.3	-56.5	-542.7
-10.01			1472	-102.2	-870.4	-83.3	-93.3	-879.3
-6.12			1473	-102.2	-222.7	-83.3	-51.4	-237.1
-15.76			818	-40.1	-222.7	-83.3	-20.8	-234.2
-13.46			817	-40.1	-870.4	-83.3	-31.9	-878.7
-5.67								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.41		Max	Cent	-0.1	1.4	17.7	18.2	-1.0
45.13			1472	-2.2	-2.1	14.1	12.0	-16.3
69.69			1473	13.7	47.7	14.6	53.1	8.3
73.63			818	14.2	31.8	13.8	33.4	12.6
84.38			817	19.1	58.7	13.4	59.1	18.8
50.91		Min	Cent	-0.8	-0.3	0.5	0.1	-17.1
7.06			1472	-17.8	-54.4	0.2	-17.2	-54.9
22.77			1473	-18.6	-31.0	0.8	-15.9	-33.6
10.19			818	-15.9	-48.7	0.6	-14.8	-49.8
51.15			817	1.0	3.6	-0.0	8.3	-3.7

			NODE	Vxx	Vyy
Max	Cent			0.0	0.0
			1472	0.0	-0.0
			1473	0.0	0.1
			818	0.0	0.1
			817	0.0	-0.0
Min	Cent			-0.0	-0.1
			1472	-0.0	-0.1
			1473	-0.0	-0.1
			818	-0.0	-0.1
			817	-0.0	-0.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6279	2	12	c mob-a	Max	Cent	0.5	3.2	3.2	5.3	-1.6
56.60					2332	0.5	3.9	3.2	5.8	-1.4
59.37					2333	0.5	29.8	3.2	30.2	0.1
83.91					1473	0.5	29.8	3.2	30.2	0.2
83.90					1472	0.5	3.9	3.2	5.8	-1.4
59.11										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Min	Cent	-11.2	-76.1	-10.2	-9.6	-77.7
-8.69		2332	-14.0	-126.1	-10.2	-13.0	-127.0
-5.14		2333	-14.0	-60.7	-10.2	-11.8	-62.8
-11.76		1473	-8.8	-60.7	-10.2	-6.9	-62.6
-10.70		1472	-8.8	-126.1	-10.2	-7.9	-127.0
-4.92							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	0.1	1.9	1.5	2.7	-0.7
60.62		2332	0.1	0.3	1.3	1.5	-1.1
47.38		2333	0.5	1.3	1.1	2.1	-0.3
54.96		1473	7.3	30.6	1.1	30.6	7.2
87.36		1472	6.5	22.9	1.2	23.0	6.4
85.78							
	Min	Cent	-0.1	-0.1	-4.3	4.2	-4.4
-45.21		2332	-6.2	-19.0	-3.4	-5.4	-19.8
-13.90		2333	-7.6	-27.6	-3.5	-7.0	-28.2
-9.80		1473	-0.5	-1.0	-3.5	2.8	-4.3
-42.61		1472	-0.1	-0.3	-3.4	3.1	-3.6
-44.29							


	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2332	0.0	0.0
	2333	0.0	0.0
	1473	0.0	0.0
	1472	0.0	0.0
Min	Cent	-0.0	-0.1
	2332	-0.0	-0.0
	2333	-0.0	-0.1
	1473	-0.0	-0.1
	1472	-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	Max	Cent	0.5	3.1	6.3	8.2	-4.6
50.92		2332	0.5	9.3	6.3	12.6	-2.8
62.58		2333	0.5	26.6	6.3	28.0	-1.0
77.17		1473	0.5	26.6	6.3	28.0	-0.9
77.15		1472	0.5	9.3	6.3	12.6	-2.8
62.48							
	Min	Cent	-14.3	-97.3	-10.4	-13.0	-98.5
-7.07		2332	-16.1	-128.3	-10.4	-15.2	-129.3
-5.27		2333	-16.1	-108.8	-10.4	-15.0	-109.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.35		1473	-12.6	-108.8	-10.4	-11.4	-109.9
-6.12		1472	-12.6	-128.3	-10.4	-11.6	-129.3
-5.11							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent	0.2	1.9	2.0	3.2	-1.1
56.58		2332	0.1	0.4	1.7	2.0	-1.5
47.64		2333	0.8	1.9	1.6	3.0	-0.3
55.13		1473	6.6	28.0	1.5	28.1	6.5
86.07		1472	6.5	23.0	1.6	23.2	6.3
84.37	Min	Cent	-0.1	-0.1	-3.9	3.7	-4.0
-45.14		2332	-6.3	-19.2	-3.0	-5.6	-19.9
-12.55		2333	-6.9	-25.1	-3.2	-6.4	-25.6
-9.74		1473	-0.7	-1.5	-3.2	2.1	-4.3
-41.48		1472	-0.2	-0.5	-3.0	2.7	-3.4
-43.71							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	2332		0.0	0.0
	2333		0.0	0.0
	1473		0.0	0.0
	1472		0.0	0.0
Min	Cent		-0.0	-0.1
	2332		-0.0	-0.0
	2333		-0.0	-0.1
	1473		-0.0	-0.1
	1472		-0.0	-0.0

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

	pp	Cent	-28.6	-198.7	-31.1	-23.1	-204.2
-10.05		2332	-39.2	-398.7	-31.1	-36.5	-401.4
-4.91		2333	-39.2	1.3	-31.1	18.2	-56.1
-61.52		1473	-18.0	1.3	-31.1	24.3	-40.9
-53.60		1472	-18.0	-398.7	-31.1	-15.4	-401.3
-4.64							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Cent	-0.2	5.4	-6.7	9.9	-4.7
-56.26		2332	-19.0	-58.2	-4.9	-18.4	-58.8
-7.02		2333	-23.2	-84.8	-5.9	-22.6	-85.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-5.40							
	1473	21.6	95.0	-6.1	95.5	21.1	
-85.31							
	1472	19.8	69.6	-5.1	70.1	19.3	
-84.24							

NODE	Vxx	Vyy
Cent	0.0	-0.2
2332	-0.0	-0.1
2333	-0.0	-0.2
1473	0.0	-0.2
1472	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.4	-2.9	-0.2	-0.4	-2.9
-5.54		2332	-0.5	-3.6	-0.2	-0.5	-3.7
-4.41		2333	-0.5	-2.1	-0.2	-0.5	-2.2
-8.28		1473	-0.3	-2.1	-0.2	-0.3	-2.2
-7.44		1472	-0.3	-3.6	-0.2	-0.3	-3.7
-4.15							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	0.0	0.0	-0.1	0.1	-0.1
-49.67	2332	-0.2	-0.8	-0.1	-0.2	-0.9
-8.04	2333	-0.4	-1.3	-0.1	-0.4	-1.3
-6.05	1473	0.3	1.4	-0.1	1.4	0.3
-84.76	1472	0.3	0.9	-0.1	0.9	0.3
-82.91						

NODE	Vxx	Vyy
Cent	0.0	-0.0
2332	-0.0	-0.0
2333	-0.0	-0.0
1473	0.0	-0.0
1472	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	45.2	299.8	-29.2	303.1	41.9
-83.54		2332	42.3	-9.1	-29.2	55.5	-22.3
-24.32		2333	42.3	608.6	-29.2	610.1	40.8
-87.05		1473	48.0	608.6	-29.2	610.2	46.5
-87.03		1472	48.0	-9.1	-29.2	60.3	-21.4
-22.83							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.29		Cent	-0.6	-1.2	12.9	12.0	-13.9
60.00		2332	4.6	16.7	10.4	22.7	-1.4
78.04		2333	18.0	67.0	10.9	69.3	15.7
11.11		1473	-18.3	-69.7	10.5	-16.2	-71.8
29.51		1472	-6.8	-18.9	10.1	-1.2	-24.6

NODE	Vxx	Vyy
Cent	-0.0	0.1
2332	0.0	0.0
2333	0.0	0.2
1473	-0.0	0.2
1472	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-6.33	perm	Cent	-14.5	-100.6	-9.7	-13.5	-101.7
-4.20		2332	-18.2	-149.3	-9.7	-17.5	-150.0
-14.93		2333	-18.2	-51.9	-9.7	-15.6	-54.5
-12.62		1473	-10.9	-51.9	-9.7	-8.7	-54.1
-3.98		1472	-10.9	-149.3	-9.7	-10.2	-150.0

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-69.77		Cent	-0.0	1.8	-0.8	2.1	-0.3
-1.50		2332	-7.3	-23.4	-0.4	-7.3	-23.5
-2.29		2333	-7.3	-26.9	-0.8	-7.3	-26.9
-87.96		1473	6.7	30.3	-0.8	30.3	6.6
-88.60		1472	7.9	27.4	-0.5	27.4	7.9

NODE	Vxx	Vyy
Cent	0.0	-0.1
2332	-0.0	-0.1
2333	-0.0	-0.1
1473	0.0	-0.1
1472	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-80.27	INV TO~1 Max	Cent	31.3	203.5	-1.2	208.7	26.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-9.81		2332	24.7	-136.8	-1.2	30.0	-136.8
-86.97		2333	24.7	597.0	-1.2	598.6	23.1
-86.90		1473	37.9	597.0	-1.2	598.6	36.2
-9.16		1472	37.9	-136.8	-1.2	42.8	-136.8
-6.75	Min	Cent	-33.9	-231.9	-53.0	-31.1	-234.7
-4.78		2332	-40.0	-331.7	-53.0	-38.0	-339.9
-8.34		2333	-40.0	-198.7	-53.0	-36.5	-202.2
-7.77		1473	-27.8	-198.7	-53.0	-24.6	-202.0
-4.58		1472	-27.8	-331.7	-53.0	-25.9	-339.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

48.35	Max	Cent	0.2	4.3	14.8	16.3	-0.5
40.81		2332	-2.6	-6.2	12.3	8.1	-16.9
70.87		2333	11.8	42.7	12.2	46.9	7.6
88.81		1473	16.5	71.6	11.7	71.6	16.5
87.61		1472	16.7	58.5	11.8	58.5	16.6
68.85	Min	Cent	-0.8	0.4	-6.6	5.1	-13.6
-8.24		2332	-15.8	-49.4	-5.0	-15.1	-50.1
-6.74		2333	-17.6	-64.1	-5.6	-16.9	-64.8
9.35		1473	-12.6	-41.4	-5.6	-11.8	-42.2
62.37		1472	0.7	7.8	-5.0	10.4	-1.9

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		2332	0.0	-0.0
		2333	0.0	0.1
		1473	0.0	0.1
		1472	0.0	-0.0
Min	Cent		-0.0	-0.1
		2332	-0.0	-0.1
		2333	-0.0	-0.2
		1473	-0.0	-0.2
		1472	-0.0	-0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

-80.27	INV TO~2	Max	Cent	31.3	203.5	-1.2	208.7	26.1
-9.81			2332	24.7	-136.8	-1.2	30.0	-136.8
-86.97			2333	24.7	597.0	-1.2	598.6	23.1
			1473	37.9	597.0	-1.2	598.6	36.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-86.90			1472	37.9	-136.8	-1.2	42.8	-136.8
-9.16		Min	Cent	-38.6	-268.3	-53.0	-31.1	-275.7
-10.05			2332	-52.9	-538.3	-53.0	-49.3	-541.9
-4.91			2333	-52.9	-198.7	-53.0	-36.5	-202.2
-8.34			1473	-27.8	-198.7	-53.0	-24.6	-202.0
-7.77			1472	-27.8	-538.3	-53.0	-25.9	-541.7
-4.58								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

	Max	Cent		0.2	7.3	14.8	16.3	-0.5
48.35			2332	-2.6	-6.2	12.3	8.1	-16.9
40.81			2333	11.8	42.7	12.2	46.9	7.6
70.87			1473	29.2	128.2	11.7	128.9	28.5
-85.31			1472	26.7	94.0	11.8	94.7	26.1
-84.24		Min	Cent	-0.8	0.4	-9.1	5.1	-13.6
68.85			2332	-25.7	-78.6	-6.6	-24.9	-79.4
-7.02			2333	-31.3	-114.5	-7.9	-30.5	-115.2
-5.40			1473	-12.6	-41.4	-8.2	-11.8	-42.2
9.35			1472	0.7	7.8	-6.8	10.4	-1.9
62.37								

		NODE	Vxx	Vyy

Max	Cent		0.0	0.0
		2332	0.0	-0.0
		2333	0.0	0.1
		1473	0.0	0.1
		1472	0.0	-0.0
Min	Cent		-0.0	-0.2
		2332	-0.0	-0.2
		2333	-0.0	-0.3
		1473	-0.0	-0.3
		1472	-0.0	-0.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	
6280	2	12	c mob-a	Max	Cent	0.6	4.1	4.1	6.7	-2.1
56.50					2911	0.6	10.8	4.1	12.2	-0.8
70.81					2912	0.6	31.5	4.1	32.1	0.1
82.65					2333	0.7	31.5	4.1	32.1	0.2
82.63					2332	0.7	10.8	4.1	12.3	-0.7
70.66				Min	Cent	-11.1	-58.8	-1.9	-11.0	-58.9
-2.29										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.90		2911	-13.8	-71.5	-1.9	-13.7	-71.5
-1.64		2912	-13.8	-80.6	-1.9	-13.7	-80.6
-1.52		2333	-8.6	-80.6	-1.9	-8.5	-80.6
-1.74		2332	-8.6	-71.5	-1.9	-8.5	-71.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Max	Cent	0.1	2.8	1.1	3.2	-0.3
70.12			2911	0.6	0.1	0.9	1.2	-0.5
38.14			2912	1.3	1.8	0.9	2.5	0.6
52.46			2333	12.8	40.3	1.0	40.3	12.7
87.85			2332	6.4	23.2	0.9	23.3	6.4
86.95		Min	Cent	-1.2	-0.3	-6.1	5.3	-6.9
-47.04			2911	-6.1	-18.3	-5.7	-3.8	-20.5
-21.45			2912	-18.5	-35.3	-4.9	-17.1	-36.6
-15.14			2333	-0.5	-1.5	-4.3	3.3	-5.4
-41.58			2332	-0.1	-0.2	-5.0	4.9	-5.2
-44.73								

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		2911	0.0	0.0
		2912	0.0	0.0
		2333	0.0	0.0
		2332	0.0	0.0
	Min	Cent	-0.0	-0.1
		2911	-0.0	-0.0
		2912	-0.0	-0.1
		2333	-0.0	-0.1
		2332	-0.0	-0.0

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
			Max	Cent	0.6	3.9	8.2	10.6	-6.2
50.60	c mob-b			2911	0.6	22.1	8.2	24.8	-2.2
71.27				2912	0.6	28.0	8.2	30.2	-1.7
74.50				2333	0.6	28.0	8.2	30.3	-1.6
74.47				2332	0.6	22.1	8.2	24.9	-2.1
71.23		Min	Cent	-15.1	-88.7	-2.2	-15.1	-88.8	
-1.68				2911	-16.7	-72.8	-2.2	-16.6	-72.9
-2.20				2912	-16.7	-149.8	-2.2	-16.6	-149.9
-0.93				2333	-13.7	-149.8	-2.2	-13.6	-149.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.91
-2.09

2332 -13.7 -72.8 -2.2 -13.6 -72.9
 ANGLE NODE Mxx Myy Mxy Mmax Mmin

 Max Cent 0.2 2.7 1.8 3.6 -0.7
 63.08 2911 1.0 0.1 1.3 2.0 -0.8
 35.53 2912 2.3 2.5 1.5 3.9 1.0
 47.04 2333 12.6 40.0 1.5 40.1 12.5
 86.94 2332 6.5 23.4 1.4 23.5 6.4
 85.28 Min Cent -1.3 -0.6 -6.3 5.4 -7.3
 -46.58 2911 -6.3 -18.4 -5.9 -3.9 -20.7
 -22.06 2912 -19.2 -36.3 -5.1 -17.8 -37.7
 -15.41 2333 -0.9 -2.8 -4.4 2.7 -6.4
 -38.85 2332 -0.1 -0.2 -5.2 5.1 -5.3
 -44.80

NODE Vxx Vyy

 Max Cent 0.0 0.0
 2911 0.0 0.0
 2912 0.0 0.0
 2333 0.0 0.0
 2332 0.0 0.0
 Min Cent -0.0 -0.1
 2911 -0.0 -0.0
 2912 -0.0 -0.1
 2333 -0.0 -0.1
 2332 -0.0 -0.0

LC NODE Fxx Fyy Fxy Fmax Fmin
 ANGLE

 pp Cent -24.0 -107.9 -4.5 -23.7 -108.2
 -3.05 2911 -36.0 -225.3 -4.5 -35.9 -225.4
 -1.36 2912 -36.0 9.5 -4.5 9.9 -36.4
 -84.42 2333 -11.9 9.5 -4.5 10.4 -12.8
 -78.64 2332 -11.9 -225.3 -4.5 -11.8 -225.4
 -1.20

 ANGLE NODE Mxx Myy Mxy Mmax Mmin

 Cent -3.0 8.0 -13.1 16.7 -11.7
 -56.45 2911 -17.1 -53.5 -13.0 -13.0 -57.6
 -17.79 2912 -51.5 -100.9 -10.4 -49.5 -103.0
 -11.39 2333 37.6 117.8 -8.3 118.6 36.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.14
-78.12

	2332	19.0	68.7	-10.9	71.0	16.7
--	------	------	------	-------	------	------

NODE	Vxx	Vyy
Cent	0.0	-0.2
2911	0.0	-0.1
2912	0.0	-0.2
2333	-0.0	-0.2
2332	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-0.96	vento -y	Cent	-0.3	-2.0	-0.0	-0.3	-2.0
-1.32		2911	-0.3	-1.6	-0.0	-0.3	-1.6
-0.77		2912	-0.3	-2.5	-0.0	-0.3	-2.5
-0.76		2333	-0.2	-2.5	-0.0	-0.2	-2.5
-1.30		2332	-0.2	-1.6	-0.0	-0.2	-1.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.00	Cent	-0.0	0.0	-0.3	0.3	-0.3
-17.72	2911	-0.1	-0.8	-0.2	-0.1	-0.8
-10.90	2912	-0.7	-1.8	-0.2	-0.7	-1.8
-81.18	2333	0.6	1.8	-0.2	1.8	0.5
-71.14	2332	0.2	0.8	-0.2	0.9	0.2

NODE	Vxx	Vyy
Cent	0.0	-0.0
2911	0.0	-0.0
2912	0.0	-0.0
2333	-0.0	-0.0
2332	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-82.87	cedime~1	Cent	53.4	360.1	-38.9	365.0	48.6
-12.96		2911	46.5	-113.8	-38.9	55.4	-122.8
-87.18		2912	46.5	834.1	-38.9	836.0	44.5
-87.13		2333	60.4	834.1	-38.9	836.0	58.5
-12.04		2332	60.4	-113.8	-38.9	68.7	-122.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
45.38          Cent      1.7      2.2      20.5      22.4      -18.5
61.15          2911     -0.6     21.9     17.7     31.6     -10.3
74.79          2912     43.9    100.8    16.7    105.4     39.4
12.76          2333    -30.7   -95.4    15.4    -27.2   -98.9
34.60          2332     -5.9   -18.4    16.5      5.5   -29.7
    
```

```

-----
NODE      Vxx      Vyy
-----
Cent      -0.0      0.1
2911     -0.0      0.0
2912     -0.0      0.2
2333      0.0      0.2
2332      0.0      0.0
    
```

```

-----
ANGLE          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
perm          Cent      -13.1    -71.3     0.3     -13.1    -71.3
0.31          2911     -16.8    -79.8     0.3     -16.8    -79.8
0.29          2912     -16.8    -62.9     0.3     -16.8    -62.9
0.39          2333     -9.4     -62.9     0.3     -9.4     -62.9
0.34          2332     -9.4    -79.8     0.3     -9.4     -79.8
0.26
    
```

```

-----
ANGLE          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent      -1.1      2.3     -3.9      4.8     -3.6
-56.60        2911     -6.3    -21.8     -4.0     -5.3    -22.8
-13.55        2912    -18.6    -36.2     -3.1    -18.1    -36.8
-9.63         2333     13.1     40.9     -2.3     41.1     12.9
-85.24        2332      7.6     26.3     -3.2     26.8      7.0
-80.46
    
```

```

-----
NODE      Vxx      Vyy
-----
Cent      0.0     -0.1
2911      0.0     -0.1
2912      0.0     -0.1
2333     -0.0     -0.1
2332     -0.0     -0.1
    
```

```

-----
ANGLE          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
INV TO~1 Max  Cent      41.2    294.3    11.4    297.2     38.2
-83.86        2911     30.5    -50.0    11.4     34.3    -53.5
-7.91
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-87.99			2912	30.5	813.8	11.4	814.7	29.5
-87.93			2333	51.9	813.8	11.4	814.8	51.0
-7.16			2332	51.9	-50.0	11.4	55.4	-52.9
-0.95	Min	Cent		-33.5	-191.1	-41.6	-33.5	-191.1
-1.08			2911	-39.3	-291.9	-41.6	-39.2	-297.6
-0.66			2912	-39.3	-265.2	-41.6	-39.2	-265.2
-0.63			2333	-27.9	-265.2	-41.6	-27.8	-265.2
-0.99			2332	-27.9	-291.9	-41.6	-27.8	-297.1

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

50.52	Max	Cent		0.9	8.3	19.0	23.9	-1.1
50.17			2911	-4.9	0.2	15.5	13.2	-18.4
70.86			2912	28.5	68.0	15.6	73.5	23.1
-89.69			2333	30.3	95.3	15.1	95.3	30.3
-88.15			2332	16.3	57.8	15.1	57.9	16.3
-78.15	Min	Cent		-2.8	1.5	-12.4	6.3	-14.7
25.41			2911	-15.3	-46.6	-11.9	-12.5	-50.6
-13.04			2912	-44.5	-85.3	-10.0	-42.2	-87.6
9.93			2333	-18.8	-58.3	-8.3	-17.6	-59.5
57.99			2332	1.6	7.6	-10.2	11.5	-2.3

			NODE	Vxx	Vyy
Max	Cent			0.0	0.1
			2911	0.0	-0.0
			2912	0.0	0.1
			2333	0.0	0.1
			2332	0.0	-0.0
Min	Cent			-0.0	-0.2
			2911	-0.0	-0.1
			2912	-0.0	-0.2
			2333	-0.0	-0.2
			2332	-0.0	-0.1

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

-83.86	INV TO~2	Max	Cent	41.2	294.3	11.4	297.2	38.2
-7.91			2911	30.5	-50.0	11.4	34.3	-53.5
-87.99			2912	30.5	813.8	11.4	814.7	29.5
-87.93			2333	51.9	813.8	11.4	814.8	51.0
			2332	51.9	-50.0	11.4	55.4	-52.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.16								
	Min	Cent	-33.5	-191.1	-41.6	-33.5	-191.1	
-0.95								
			2911	-48.6	-304.2	-41.6	-48.5	-304.3
-1.36								
			2912	-48.6	-265.2	-41.6	-39.2	-265.2
-0.66								
			2333	-27.9	-265.2	-41.6	-27.8	-265.2
-0.63								
			2332	-27.9	-304.2	-41.6	-27.8	-304.3
-0.99								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	0.9	10.8	19.0	23.9	-1.1
50.52								
			2911	-4.9	0.2	15.5	13.2	-18.4
50.17								
			2912	28.5	68.0	15.6	73.5	23.1
70.86								
			2333	50.8	159.0	15.1	160.2	49.6
-84.14								
			2332	25.7	92.8	15.1	95.9	22.6
-78.12								
	Min	Cent		-4.1	1.5	-17.6	6.3	-15.8
-78.15								
			2911	-23.2	-72.2	-17.5	-17.5	-77.8
-17.79								
			2912	-69.6	-136.3	-14.0	-66.8	-139.1
-11.39								
			2333	-18.8	-58.3	-11.2	-17.6	-59.5
9.93								
			2332	1.6	7.6	-14.8	11.5	-2.3
57.99								

			NODE	Vxx	Vyy
		Max	Cent	0.0	0.1
			2911	0.1	-0.0
			2912	0.1	0.1
			2333	0.0	0.1
			2332	0.0	-0.0
	Min	Cent		-0.0	-0.3
			2911	-0.0	-0.2
			2912	-0.0	-0.3
			2333	-0.0	-0.3
			2332	-0.0	-0.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6281	2	12	c mob-a	Max	Cent	3.6	7.1	7.5	13.1	-2.3
51.59					3453	13.0	16.9	8.5	23.6	6.2
51.50					3454	12.9	23.8	6.5	26.8	9.9
64.97					2912	0.9	22.8	6.6	24.6	-0.9
74.56					2911	0.9	13.3	8.4	17.5	-3.4
63.21										
				Min	Cent	-9.9	-61.4	-1.8	-9.8	-61.4
-2.03					3453	-11.7	-20.5	-1.7	-11.4	-20.8
-10.71										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.02		3454	-11.8	-125.5	-2.0	-11.7	-125.6
-1.07		2912	-14.4	-121.8	-2.0	-14.3	-121.8
-15.08		2911	-14.3	-20.3	-1.7	-13.9	-20.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	2.2	1.1	1.7	3.4	-0.1
35.96			3453	0.6	2.3	0.6	2.4	0.4
72.86			3454	1.2	11.3	1.0	11.4	1.1
84.65			2912	17.8	89.7	1.7	89.7	17.7
88.68			2911	11.7	42.9	1.8	43.0	11.6
86.75		Min	Cent	-0.1	-7.1	-11.4	8.4	-15.5
-36.45			3453	-5.0	-53.0	-5.2	-4.4	-53.5
-6.14			3454	-14.1	-107.6	-11.5	-12.7	-109.0
-6.89			2912	-1.5	-8.5	-11.1	6.6	-16.7
-36.20			2911	-0.3	-0.3	-8.5	8.2	-8.8
-44.87								

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		3453	0.0	0.0
		3454	0.0	0.0
		2912	0.0	0.0
		2911	0.0	0.0
	Min	Cent	-0.0	-0.2
		3453	-0.0	-0.1
		3454	-0.0	-0.3
		2912	-0.0	-0.3
		2911	-0.0	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	3.3	5.6	13.4	17.9	-9.0
47.36			3453	12.5	35.0	15.7	43.0	4.4
62.79			3454	12.5	20.2	11.2	28.2	4.5
54.46			2912	0.9	19.3	11.3	24.7	-4.5
64.57			2911	0.9	27.9	15.6	35.0	-6.2
65.49		Min	Cent	-18.7	-104.0	-2.1	-18.6	-104.1
-1.39			3453	-22.3	-20.6	-1.7	-19.5	-23.4
-58.25			3454	-22.4	-228.7	-2.5	-22.4	-228.7
-0.69			2912	-21.5	-221.5	-2.4	-21.4	-221.5
-0.70			2911	-21.4	-20.4	-1.7	-19.1	-22.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-52.44

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	2.2	1.6	3.0	4.9	-1.1
41.83		3453	0.8	4.2	0.9	4.4	0.6
75.79		3454	2.2	21.0	1.7	21.1	2.0
84.80		2912	19.0	96.3	3.0	96.4	18.9
87.77		2911	11.6	43.4	3.0	43.7	11.3
84.59	Min	Cent	-0.0	-6.6	-13.6	10.6	-17.3
-38.17		3453	-5.3	-53.8	-6.4	-4.5	-54.6
-7.41		3454	-14.9	-112.3	-12.4	-13.3	-113.9
-7.14		2912	-2.7	-15.6	-12.9	5.3	-23.6
-31.77		2911	-0.4	-0.2	-10.6	10.2	-10.9
-45.33							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
		3453	0.0	0.0
		3454	0.0	0.1
		2912	0.0	0.1
		2911	0.0	0.0
Min	Cent		-0.0	-0.2
		3453	-0.0	-0.1
		3454	-0.0	-0.3
		2912	-0.0	-0.3
		2911	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	1.9	-67.1	3.6	2.1	-67.3
2.99		3453	28.6	-66.1	3.6	28.7	-66.3
2.19		3454	28.6	-68.2	3.6	28.7	-68.3
2.12		2912	-24.3	-68.1	3.6	-24.0	-68.4
4.65		2911	-24.3	-66.2	3.6	-24.0	-66.5
4.91							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Cent	5.8	-21.4	-27.4	22.8	-38.4
-31.82		3453	-13.8	-156.9	-12.1	-12.8	-157.9
-4.81		3454	-38.8	-296.2	-30.9	-35.2	-299.9
-6.74		2912	48.5	243.2	-27.2	247.0	44.8
-82.19		2911	33.5	124.9	-17.4	128.1	30.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-79.56

NODE	Vxx	Vyy
Cent	0.0	-0.6
3453	-0.0	-0.4
3454	-0.0	-0.7
2912	0.0	-0.7
2911	0.0	-0.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.4	-1.7	0.0	-0.4	-1.7
1.27		3453	-0.6	0.0	0.1	0.0	-0.6
84.21		3454	-0.6	-3.5	-0.0	-0.6	-3.5
-0.09		2912	-0.2	-3.4	-0.0	-0.2	-3.4
-0.05		2911	-0.2	-0.1	0.1	-0.1	-0.2
61.49							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.0	-0.2	-0.4	0.4	-0.5
-38.87	3453	-0.4	-0.9	-0.2	-0.3	-1.0
-18.11	3454	-0.5	-3.6	-0.3	-0.4	-3.6
-6.01	2912	0.7	3.0	-0.4	3.0	0.6
-80.70	2911	0.3	0.8	-0.4	1.0	0.1
-62.24						

NODE	Vxx	Vyy
Cent	-0.0	-0.0
3453	-0.0	-0.0
3454	-0.0	-0.0
2912	0.0	-0.0
2911	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	100.1	479.3	-50.4	485.9	93.5
-82.56		3453	118.4	-194.9	-63.7	130.9	-207.3
-11.07		3454	118.9	1153.6	-37.1	1154.9	117.6
-87.95		2912	82.1	1114.7	-37.9	1116.1	80.7
-87.90		2911	81.6	-156.0	-63.0	97.3	-171.6
-13.96							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.40	Cent	-1.2	-0.2	33.7	33.0	-34.4
37.50	3453	14.0	4.0	18.7	28.4	-10.4
81.76	3454	29.3	202.9	25.7	206.6	25.6
11.12	2912	-40.2	-186.9	30.0	-34.3	-192.8
40.80	2911	-11.6	-20.3	29.3	13.7	-45.6

NODE	Vxx	Vyy
Cent	0.0	0.3
3453	0.1	0.0
3454	0.1	0.5
2912	-0.0	0.5
2911	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3.52	perm	Cent	-7.9	-64.0	3.5	-7.7	-64.2
12.92		3453	-1.0	-19.0	4.3	-0.0	-20.0
1.36		3454	-1.1	-109.0	2.6	-1.0	-109.0
1.64		2912	-14.7	-106.4	2.6	-14.6	-106.5
25.61		2911	-14.7	-21.6	4.3	-12.6	-23.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-33.47	Cent	2.2	-6.4	-10.1	8.8	-13.1
-5.47	3453	-5.4	-53.2	-4.6	-5.0	-53.7
-6.79	3454	-14.0	-105.4	-11.0	-12.7	-106.8
-82.23	2912	17.8	88.7	-9.9	90.1	16.4
-78.65	2911	12.6	44.4	-6.6	45.8	11.3

NODE	Vxx	Vyy
Cent	0.0	-0.2
3453	-0.0	-0.1
3454	-0.0	-0.3
2912	0.0	-0.3
2911	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-85.01	INV TO~1 Max	Cent	97.1	425.0	21.6	427.5	94.6
-7.10		3453	134.8	28.2	25.5	139.6	-3.9
-88.82		3454	135.3	1076.7	17.7	1077.1	134.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-88.82			2912	68.6	1039.1	17.9	1039.5	68.2
-9.95			2911	68.1	16.1	25.3	74.7	-28.0
0.22	Min	Cent		-33.2	-204.4	-49.8	-33.2	-204.4
7.24			3453	-31.1	-241.6	-61.7	-30.9	-252.8
-0.11			3454	-31.3	-417.7	-37.9	-31.3	-417.7
-0.11			2912	-43.7	-405.4	-38.6	-43.7	-405.4
17.25			2911	-43.5	-205.2	-61.0	-42.9	-219.6

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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40.60	Max	Cent		5.2	-4.3	27.6	27.7	-7.3
14.94			3453	9.7	-43.6	15.3	13.8	-47.7
81.24			3454	18.2	125.7	17.0	128.3	15.6
-88.11			2912	43.4	218.7	24.2	218.8	43.2
-88.05			2911	28.4	103.1	26.8	103.2	28.3
15.84	Min	Cent		0.9	-16.3	-28.4	2.4	-36.8
-6.60			3453	-12.6	-125.8	-13.3	-11.1	-127.3
-7.00			3454	-34.1	-257.1	-27.8	-30.7	-260.5
1.64			2912	-26.1	-119.2	-27.3	-26.0	-119.3
71.99			2911	0.4	23.7	-20.9	26.4	-2.3

			NODE	Vxx	Vyy
Max	Cent			0.0	0.1
			3453	0.1	-0.1
			3454	0.1	0.3
			2912	0.0	0.3
			2911	0.0	-0.1
Min	Cent			-0.0	-0.5
			3453	-0.1	-0.3
			3454	-0.1	-0.7
			2912	-0.0	-0.7
			2911	-0.0	-0.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-85.01	INV TO~2	Max	Cent	97.1	425.0	21.6	427.5	94.6
-7.10			3453	134.8	28.2	25.5	139.6	-3.9
-88.82			3454	135.3	1076.7	17.7	1077.1	134.9
-88.82			2912	68.6	1039.1	17.9	1039.5	68.2
-9.95			2911	68.1	16.1	25.3	74.7	-28.0
	Min	Cent		-33.2	-204.4	-49.8	-33.2	-204.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.22							
		3453	-31.1	-241.6	-61.7	-30.9	-252.8
7.24							
		3454	-31.3	-417.7	-37.9	-31.3	-417.7
-0.11							
		2912	-43.7	-405.4	-38.6	-43.7	-405.4
-0.11							
		2911	-43.5	-205.2	-61.0	-42.9	-219.6
17.25							

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	7.8	-4.3	27.6	30.8	-7.3
-31.82								
			3453	9.7	-43.6	15.3	13.8	-47.7
14.94								
			3454	18.2	125.7	17.0	128.3	15.6
81.24								
			2912	65.5	328.4	24.2	333.4	60.5
-82.19								
			2911	45.3	168.6	26.8	172.9	40.9
-79.56								
		Min	Cent	0.9	-28.9	-37.0	2.4	-51.9
15.84								
			3453	-18.6	-211.8	-16.4	-17.2	-213.2
-4.81								
			3454	-52.4	-399.9	-41.7	-47.5	-404.8
-6.74								
			2912	-26.1	-119.2	-36.8	-26.0	-119.3
1.64								
			2911	0.4	23.7	-23.5	26.4	-2.3
71.99								

			NODE	Vxx	Vyy
		Max	Cent	0.0	0.1
			3453	0.1	-0.1
			3454	0.1	0.3
			2912	0.1	0.3
			2911	0.1	-0.1
		Min	Cent	-0.0	-0.8
			3453	-0.1	-0.5
			3454	-0.1	-1.0
			2912	-0.0	-1.0
			2911	-0.0	-0.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
6282	2	12	c mob-a	Max	Cent	3.5	44.3	5.4	45.0	2.8
82.64										
					819	0.2	0.3	5.9	6.1	-5.6
45.11										
					820	0.4	103.2	5.4	103.5	0.1
87.02										
					14	10.7	140.2	5.4	140.4	10.4
87.62										
					13	8.9	0.7	8.3	14.1	-4.4
31.87										
				Min	Cent	-0.7	-3.4	-6.3	4.4	-8.4
-38.88										
					819	-2.6	-16.1	-1.9	-2.3	-16.3
-7.86										
					820	-1.4	-4.6	-12.1	9.2	-15.2
-41.28										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-41.20		14	-1.2	-5.5	-15.9	12.6	-19.4
-0.96		13	-1.4	-52.9	-0.9	-1.4	-52.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	7.3	20.2	2.3	20.6	6.9
80.05		819	0.2	0.4	4.6	4.9	-4.4
45.61		820	0.2	0.7	6.4	6.9	-6.0
46.16		14	11.6	77.3	0.5	77.3	11.6
89.58		13	16.2	96.6	0.8	96.6	16.2
89.43	Min	Cent	-0.1	-0.1	-2.5	2.4	-2.6
-44.59		819	-6.9	-52.9	-1.2	-6.9	-52.9
-1.53		820	-6.2	-46.0	-0.5	-6.2	-46.0
-0.66		14	-0.3	-0.7	-9.9	9.4	-10.4
-44.42		13	-0.1	-0.6	-2.3	2.0	-2.7
-41.90							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		819	0.0	0.0
		820	0.0	0.0
		14	0.0	0.0
		13	0.0	0.0
	Min	Cent	-0.0	-0.1
		819	-0.0	-0.2
		820	-0.0	-0.1
		14	-0.0	-0.1
		13	-0.0	-0.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	c mob-b	Max	Cent	4.3	45.5	9.2	47.4	2.3
77.99			819	0.5	0.3	9.5	9.9	-9.2
44.73			820	0.5	105.5	9.4	106.4	-0.3
84.94			14	12.4	143.0	9.5	143.7	11.8
85.86			13	10.6	1.5	12.0	18.8	-6.8
34.61		Min	Cent	-1.1	-6.6	-6.4	3.1	-10.8
-33.24			819	-2.7	-16.0	-1.6	-2.5	-16.2
-6.91			820	-1.6	-10.1	-12.4	7.3	-19.0
-35.62			14	-2.1	-12.3	-16.3	9.8	-24.3
-36.29			13	-2.2	-52.9	-0.9	-2.2	-52.9
-0.98								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	7.4	20.5	3.2	21.3	6.6
76.85		819	0.3	0.3	5.3	5.6	-5.0
45.02		820	0.6	2.0	6.9	8.2	-5.7
47.94		14	11.5	78.1	1.2	78.2	11.5
89.01		13	16.5	98.6	1.5	98.7	16.5
88.95	Min	Cent	-0.1	-0.1	-2.6	2.5	-2.7
-44.70		819	-7.1	-54.1	-1.3	-7.1	-54.2
-1.56		820	-6.1	-46.4	-0.7	-6.1	-46.4
-1.02		14	-0.9	-0.6	-9.9	9.2	-10.7
-45.36		13	-0.1	-0.5	-2.4	2.1	-2.7
-42.53							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		819	0.0	0.0
		820	0.0	0.0
		14	0.0	0.0
		13	0.0	0.0
	Min	Cent	-0.0	-0.1
		819	-0.0	-0.2
		820	-0.0	-0.1
		14	-0.0	-0.1
		13	-0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	10.3	147.2	-16.2	149.1	8.4
-83.34		819	-6.5	-40.3	2.9	-6.3	-40.5
4.91		820	-2.6	334.7	-35.3	338.3	-6.3
-84.08		14	30.8	451.8	-47.3	457.0	25.6
-83.67		13	24.5	-157.4	14.9	25.7	-158.6
4.64							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	25.0	60.0	-1.5	60.1	24.9
-87.62		819	-21.1	-169.8	12.9	-20.0	-170.9
4.92		820	-29.7	-186.8	22.2	-26.7	-189.9
7.88		14	47.5	273.5	-38.7	279.9	41.1
-80.55		13	52.4	306.8	-8.0	307.1	52.2
-88.20							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	-0.0	-0.5
819	0.0	-0.5
820	0.0	-0.5
14	-0.0	-0.5
13	-0.0	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-0.1	1.2	0.1	1.2	-0.1
84.97		819	-0.1	-0.8	0.3	0.1	-0.9
21.20		820	-0.0	3.1	-0.1	3.1	-0.0
-88.45		14	-0.1	4.3	-0.2	4.3	-0.1
-87.30		13	-0.1	-2.0	0.4	-0.1	-2.1
12.80							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	0.3	0.8	0.1	0.8	0.3
83.59	819	-0.3	-2.1	0.2	-0.3	-2.1
5.08	820	-0.3	-1.8	0.2	-0.2	-1.8
9.00	14	0.6	3.0	-0.3	3.1	0.5
-82.45	13	0.6	3.7	-0.0	3.7	0.6
-89.88						

NODE	Vxx	Vyy
Cent	-0.0	-0.0
819	0.0	-0.0
820	0.0	-0.0
14	-0.0	-0.0
13	-0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	4.4	27.0	-52.7	69.7	-38.2
-51.05		819	-0.5	24.9	-52.5	66.3	-41.8
-51.80		820	-0.4	29.1	-52.9	69.3	-40.6
-52.80		14	10.2	30.4	-53.1	74.4	-33.7
-50.39		13	10.1	23.6	-52.4	69.7	-35.9
-48.67							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-10.3	-20.0	7.7	-6.1	-24.2
29.03						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

85.53	819	3.5	43.9	3.2	44.2	3.3
-89.17	820	9.9	69.7	-0.9	69.8	9.9
11.15	14	-20.8	-103.9	17.0	-17.5	-107.3
5.20	13	-16.5	-85.9	6.4	-15.9	-86.4

NODE	Vxx	Vyy
Cent	-0.0	0.2
819	0.0	0.1
820	0.0	0.2
14	-0.0	0.2
13	-0.0	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-88.52	perm	Cent	3.4	48.2	-1.2	48.2	3.4
16.54		819	-2.8	-20.9	5.9	-1.1	-22.7
-86.06		820	-1.4	117.3	-8.2	117.9	-2.0
-85.21		14	11.0	160.4	-12.6	161.5	10.0
7.90		13	8.7	-64.1	10.3	10.1	-65.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.80	Cent	9.2	25.0	1.5	25.2	9.0
5.13	819	-8.6	-66.3	5.2	-8.1	-66.8
8.73	820	-7.6	-57.5	7.8	-6.4	-58.7
-81.88	14	14.5	96.7	-12.0	98.4	12.7
-89.50	13	20.3	120.5	-0.9	120.5	20.3

NODE	Vxx	Vyy
Cent	-0.0	-0.2
819	0.0	-0.2
820	0.0	-0.2
14	-0.0	-0.2
13	-0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-73.00	INV TO~1 Max	Cent	13.6	136.6	11.2	149.3	7.9
-41.90		819	-2.2	4.4	18.8	37.2	-32.2
-80.76		820	-0.7	288.9	4.5	296.8	-0.8
-81.50		14	38.0	384.0	0.2	391.9	30.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-17.98			13	33.1	-38.4	26.4	41.5	-46.8
-76.14	Min	Cent		2.0	39.2	-62.5	41.7	-33.0
5.23			819	-7.0	-42.6	-49.2	-6.2	-61.8
-77.50			820	-4.0	103.7	-77.9	109.2	-39.3
-76.50			14	8.1	143.8	-87.6	152.1	-21.0
3.68			13	5.7	-135.5	-43.3	6.3	-136.0

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

80.42	Max	Cent		19.1	52.7	13.5	53.7	18.1
30.51			819	-4.7	-22.0	15.6	4.5	-31.2
54.99			820	3.1	14.9	17.2	26.3	-8.3
-86.55			14	30.1	202.2	6.6	202.8	29.4
89.69			13	42.6	253.7	7.5	253.7	42.6
59.22	Min	Cent		-1.3	4.9	-2.0	8.3	-4.7
1.65			819	-18.2	-139.4	3.5	-18.1	-139.5
3.76			820	-15.9	-120.1	6.0	-15.5	-120.6
-44.00			14	-7.6	-8.2	-25.4	0.5	-16.3
85.63			13	3.7	33.8	-4.0	34.0	3.5

NODE Vxx Vyy

Max	Cent	0.0	-0.0
	819	0.0	-0.1
	820	0.0	0.0
	14	-0.0	0.0
	13	-0.0	-0.1
Min	Cent	-0.0	-0.4
	819	0.0	-0.4
	820	0.0	-0.4
	14	-0.0	-0.4
	13	-0.0	-0.4

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

-83.34	INV TO~2	Max	Cent	13.8	198.7	11.2	201.3	11.3
-41.90			819	-2.2	4.4	18.8	37.2	-32.2
-84.08			820	-0.7	451.8	4.5	456.8	-0.8
-83.67			14	41.6	609.9	0.2	617.0	34.5
-17.98			13	33.1	-38.4	26.4	41.5	-46.8
-76.14		Min	Cent	2.0	39.2	-62.5	41.7	-33.0
			819	-8.8	-54.4	-49.2	-8.5	-61.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

4.91						
-77.50	820	-4.0	103.7	-77.9	109.2	-39.3
-76.50	14	8.1	143.8	-87.6	152.1	-21.0
3.68	13	5.7	-212.4	-43.3	6.3	-214.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	33.7	81.0	13.5	81.1
-87.62		819	-4.7	-22.0	17.4	4.5
30.51		820	3.1	14.9	29.9	26.3
54.99		14	64.1	369.2	6.6	377.9
-80.55		13	70.8	414.2	7.5	414.6
-88.20	Min	Cent	-1.3	4.9	-2.0	8.3
59.22		819	-28.4	-229.2	3.5	-26.9
4.92		820	-40.2	-252.2	6.0	-36.0
7.88		14	-7.6	-8.2	-52.2	0.5
-44.00		13	3.7	33.8	-10.8	34.0
85.63						3.5

	NODE	Vxx	Vyy
Max	Cent	0.0	-0.0
	819	0.0	-0.1
	820	0.0	0.0
	14	-0.0	0.0
	13	-0.0	-0.1
Min	Cent	-0.0	-0.7
	819	0.0	-0.7
	820	0.0	-0.7
	14	-0.0	-0.7
	13	-0.0	-0.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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6283	2	12	c mob-a	Max	Cent	0.4	10.7	12.8	19.4
56.00					1474	0.2	0.7	12.8	13.2
45.60					1475	0.2	102.8	12.8	104.4
82.99					820	0.6	102.8	12.8	104.4
82.96					819	0.6	0.7	12.8	13.5
45.11				Min	Cent	-9.1	-18.8	-0.8	-9.0
-4.86					1474	-2.9	-95.4	-0.8	-2.9
-0.51					1475	-2.9	-32.6	-0.8	-2.9
-1.60					820	-15.5	-32.6	-0.8	-15.4
-2.76									-32.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.59			819	-15.5	-95.4	-0.8	-15.5	-95.4
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	1.9	3.0	3.2	5.7	-0.8
49.89			1474	0.0	0.2	2.3	2.4	-2.2
45.91			1475	0.2	1.4	3.0	3.9	-2.2
50.80			820	11.7	30.7	3.3	31.3	11.2
80.40			819	13.5	32.5	2.6	32.9	13.1
82.36		Min	Cent	-0.0	-0.0	-2.8	2.8	-2.8
-44.98			1474	-8.3	-26.7	-2.5	-8.0	-27.0
-7.45			1475	-9.2	-25.5	-2.2	-8.9	-25.8
-7.45			820	-0.4	-1.4	-1.9	1.1	-2.8
-37.81			819	-0.1	-0.2	-2.1	2.0	-2.3
-44.39								

			NODE	Vxx	Vyy
		Max	Cent	0.0	0.0
			1474	0.0	0.0
			1475	0.0	0.0
			820	0.0	0.0
			819	0.0	0.0
		Min	Cent	-0.0	-0.1
			1474	-0.0	-0.1
			1475	-0.0	-0.1
			820	-0.0	-0.1
			819	-0.0	-0.1

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

	c mob-b	Max	Cent		0.4	9.7	16.7	22.4	-12.3
52.81			1474		0.2	1.3	16.7	17.5	-16.0
46.00			1475		0.2	105.8	16.7	108.4	-2.4
81.21			820		0.6	105.8	16.7	108.4	-2.0
81.18			819		0.6	1.3	16.7	17.7	-15.8
45.61		Min	Cent		-10.7	-31.4	-0.8	-10.7	-31.5
-2.28			1474		-3.8	-97.2	-0.8	-3.8	-97.2
-0.51			1475		-3.8	-57.7	-0.8	-3.8	-57.7
-0.88			820		-18.0	-57.7	-0.8	-18.0	-57.8
-1.19			819		-18.0	-97.2	-0.8	-18.0	-97.2
-0.60									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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	Max	Cent	2.0	3.0	4.1	6.6	-1.7
48.58		1474	0.0	0.2	3.0	3.1	-2.9
45.98		1475	0.5	3.4	3.7	5.9	-2.1
55.82		820	11.6	29.8	4.0	30.7	10.7
78.09		819	13.9	33.3	3.3	33.9	13.3
80.69	Min	Cent	-0.0	-0.0	-2.6	2.6	-2.7
-44.99		1474	-8.5	-27.6	-2.3	-8.3	-27.8
-6.94		1475	-8.9	-23.8	-2.1	-8.6	-24.1
-7.77		820	-1.1	-3.4	-1.8	-0.1	-4.3
-28.72		819	-0.2	-0.3	-2.0	1.8	-2.3
-43.93							

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	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	1474	0.0	0.0
	1475	0.0	0.0
	820	0.0	0.0
	819	0.0	0.0
Min	Cent	-0.0	-0.1
	1474	-0.0	-0.1
	1475	-0.0	-0.1
	820	-0.0	-0.1
	819	-0.0	-0.1

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	-24.8	10.6	32.2	29.6	-43.9
59.40		1474	-6.2	-295.2	32.2	-2.6	-298.8
6.28		1475	-6.2	316.4	32.2	319.6	-9.3
84.35		820	-43.5	316.4	32.2	319.3	-46.4
84.93		819	-43.5	-295.2	32.2	-39.4	-299.3
7.18							

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ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	6.4	10.9	-0.3	10.9	6.4
-85.90	1474	-26.5	-86.6	-0.5	-26.5	-86.6
-0.46	1475	-44.2	-127.5	2.1	-44.1	-127.5
1.42	820	53.6	151.8	4.7	152.0	53.4
87.26	819	42.8	105.9	2.1	105.9	42.8
88.05						

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	NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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Cent      0.0      -0.2
1474      0.0      -0.2
1475      0.0      -0.3
820       0.0      -0.3
819       0.0      -0.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
34.66	vento -y	Cent	-0.4	-0.8	0.6	0.0	-1.2
11.02		1474	-0.1	-3.0	0.6	0.0	-3.1
70.68		1475	-0.1	1.4	0.6	1.6	-0.3
74.89		820	-0.7	1.4	0.6	1.5	-0.8
13.25		819	-0.7	-3.0	0.6	-0.5	-3.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
64.15	Cent	0.1	0.1	0.0	0.1	0.1
0.03	1474	-0.3	-1.1	0.0	-0.3	-1.1
2.22	1475	-0.4	-1.1	0.0	-0.4	-1.1
86.54	820	0.5	1.3	0.1	1.3	0.5
88.05	819	0.5	1.2	0.0	1.2	0.5

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NODE      Vxx      Vyy
Cent      0.0      -0.0
1474      0.0      -0.0
1475      0.0      -0.0
820       0.0      -0.0
819       0.0      -0.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-71.24	cedime~1	Cent	29.2	180.0	-57.9	199.7	9.6
-50.74		1474	12.4	35.9	-57.9	83.2	-34.9
-79.82		1475	12.4	324.1	-57.9	334.5	2.0
-78.70		820	46.1	324.1	-57.9	335.7	34.6
-42.47		819	46.1	35.9	-57.9	99.1	-17.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.80	Cent	-1.9	-2.6	8.5	6.2	-10.7
65.30	1474	4.2	17.4	7.7	20.9	0.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

78.23		1475	18.8	49.4	6.7	50.8	17.4
8.90		820	-21.0	-55.7	5.6	-20.1	-56.5
23.88		819	-9.6	-21.6	6.6	-6.7	-24.5

NODE	Vxx	Vyy
Cent	-0.0	0.1
1474	-0.0	0.0
1475	-0.0	0.1
820	0.0	0.1
819	0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
41.98	perm	Cent	-12.0	-15.6	16.7	3.0	-30.5
8.19		1474	-3.6	-117.0	16.7	-1.2	-119.3
79.79		1475	-3.6	85.8	16.7	88.8	-6.6
81.30		820	-20.5	85.8	16.7	88.4	-23.0
9.52		819	-20.5	-117.0	16.7	-17.7	-119.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
50.68	Cent	2.4	3.5	2.5	5.5	0.4
3.63	1474	-10.1	-33.4	1.5	-10.0	-33.5
7.72	1475	-11.1	-29.4	2.5	-10.8	-29.8
82.18	820	14.2	36.6	3.1	37.0	13.8
84.91	819	16.7	40.0	2.1	40.2	16.6

NODE	Vxx	Vyy
Cent	0.0	-0.1
1474	0.0	-0.1
1475	0.0	-0.1
820	0.0	-0.1
819	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.50	INV TO~1 Max	Cent	17.7	178.9	39.2	181.0	15.6
-11.44		1474	9.0	-79.3	39.2	12.7	-83.1
-88.04		1475	9.0	552.8	39.2	553.5	8.3
-87.98		820	26.5	552.8	39.2	553.5	25.8
-9.70		819	26.5	-79.3	39.2	29.6	-82.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

22.30	Min	Cent	-26.5	-58.0	-42.3	-20.1	-64.4
3.70		1474	-8.7	-248.1	-42.3	-7.7	-249.1
59.04		1475	-8.7	7.9	-42.3	17.2	-18.0
74.72		820	-44.7	7.9	-42.3	12.1	-49.0
4.34		819	-44.7	-248.1	-42.3	-43.6	-249.3

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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46.48	Max	Cent	5.1	7.5	16.5	20.6	1.6
34.80		1474	-5.9	-15.7	13.2	3.3	-24.9
59.92		1475	8.3	24.6	14.2	32.9	0.1
80.17		820	30.1	78.0	14.1	79.5	28.6
82.63		819	35.5	85.0	13.1	85.9	34.6
-56.17	Min	Cent	0.5	0.8	-1.2	4.2	-12.5
-2.13		1474	-21.6	-70.6	-1.8	-21.6	-70.7
-0.57		1475	-23.6	-63.9	-0.4	-23.6	-63.9
19.35		820	-8.2	-23.6	0.6	-6.0	-25.7
66.83		819	6.9	18.0	-0.8	20.5	4.4

		NODE	Vxx	Vyy
Max	Cent	0.0	0.0	
	1474	0.0	-0.0	
	1475	0.0	0.0	
	820	0.0	0.0	
	819	0.0	-0.0	
Min	Cent	-0.0	-0.1	
	1474	-0.0	-0.2	
	1475	-0.0	-0.1	
	820	0.0	-0.1	
	819	0.0	-0.2	

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
-83.50	INV TO~2	Max	Cent	17.7	178.9	43.5	181.0
-11.44			1474	9.0	-79.3	43.5	-83.1
-88.04			1475	9.0	552.8	43.5	553.5
-87.98			820	26.5	552.8	43.5	553.5
-9.70			819	26.5	-79.3	43.5	29.6
22.30		Min	Cent	-33.5	-58.0	-42.3	-20.1
3.70			1474	-8.7	-398.6	-42.3	-7.7
			1475	-8.7	7.9	-42.3	17.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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59.04
74.72      820      -58.7      7.9      -42.3      12.1      -62.6
7.18      819      -58.7     -398.6     -42.3     -53.3     -404.1
    
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          NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
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          Max  Cent      8.7      14.7      16.5      20.6      8.7
46.48      1474     -5.9     -15.7      13.2      3.3     -24.9
34.80      1475      8.3      24.6      14.2      32.9      0.1
59.92      820      72.4     205.0      14.1     205.3     72.1
87.26      819      57.8     142.9      13.1     143.0     57.7
88.05      Min  Cent      0.5      0.8     -1.2      4.2     -12.5
-56.17     1474     -35.7    -116.9     -1.8     -35.7    -116.9
          1475     -59.6    -172.1     -0.4     -59.6    -172.2
          820      -8.2     -23.6      0.6      -6.0     -25.7
19.35      819      6.9      18.0     -0.8     20.5      4.4
66.83
    
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          NODE      Vxx      Vyy
          Max  Cent      0.0      0.0
          1474      0.0     -0.0
          1475      0.0      0.0
          820      0.0      0.0
          819      0.0     -0.0
          Min  Cent     -0.0     -0.3
          1474     -0.0     -0.3
          1475     -0.0     -0.4
          820      0.0     -0.4
          819      0.0     -0.3
    
```

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ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
6284   2    12   c mob-a  Max  Cent      0.6     10.8      7.2     14.6     -3.1
62.64      2334      0.5      3.5      7.2      9.3     -5.4
50.82      2335      0.5     64.5      7.2     65.3     -0.3
83.65      1475      0.8     64.5      7.2     65.3     -0.0
83.62      1474      0.8      3.5      7.2      9.5     -5.2
50.24      Min  Cent     -7.5    -36.6     -0.9     -7.5    -36.7
-1.79     2334     -6.2    -64.8     -0.9     -6.2    -64.8
-0.89     2335     -6.2    -65.9     -0.9     -6.2    -66.0
-0.87     1475     -8.9    -65.9     -0.9     -8.9    -66.0
-0.91     1474     -8.9    -64.8     -0.9     -8.9    -64.8
-0.93
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	0.1	1.8	2.0	3.2	-1.2
56.42		2334	0.1	0.3	1.8	2.0	-1.6
46.35		2335	0.6	0.4	1.6	2.1	-1.1
43.00		1475	8.3	33.8	1.7	33.9	8.2
86.31		1474	9.2	31.7	1.9	31.8	9.1
85.23	Min	Cent	-0.1	-0.3	-3.5	3.3	-3.6
-44.17		2334	-9.4	-28.6	-2.8	-9.0	-29.0
-8.12		2335	-8.2	-30.2	-2.9	-7.8	-30.6
-7.45		1475	-0.2	-0.4	-2.8	2.5	-3.1
-44.10		1474	-0.1	-0.3	-2.7	2.5	-2.9
-44.30							

		NODE	Vxx	Vyy
	Max	Cent	0.0	0.0
		2334	0.0	0.0
		2335	0.0	0.0
		1475	0.0	0.0
		1474	0.0	0.0
	Min	Cent	-0.0	-0.1
		2334	-0.0	-0.1
		2335	-0.0	-0.1
		1475	-0.0	-0.1
		1474	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
		-----	-----	-----	-----	-----	-----	
	c mob-b	Max	Cent	0.6	9.3	11.5	17.3	-7.3
55.38			2334	0.5	6.9	11.5	15.6	-8.2
52.85			2335	0.5	62.0	11.5	64.1	-1.6
79.77			1475	0.8	62.0	11.5	64.1	-1.3
79.72			1474	0.8	6.9	11.5	15.7	-8.0
52.52		Min	Cent	-10.3	-59.5	-0.9	-10.3	-59.5
-0.99			2334	-8.1	-66.2	-0.9	-8.1	-66.2
-0.84			2335	-8.1	-114.1	-0.9	-8.1	-114.1
-0.46			1475	-12.6	-114.1	-0.9	-12.6	-114.1
-0.48			1474	-12.6	-66.2	-0.9	-12.6	-66.2
-0.91								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Max	Cent	0.2	1.8	2.7	3.8	-1.8
53.63		2334	0.1	0.2	2.4	2.5	-2.2
45.76		2335	1.3	0.3	2.1	3.0	-1.3
38.52		1475	7.8	32.5	2.2	32.7	7.7
84.97		1474	9.4	32.3	2.4	32.6	9.2
83.99	Min	Cent	-0.1	-0.5	-3.1	2.7	-3.4
-43.11		2334	-9.4	-29.1	-2.5	-9.1	-29.4
-7.05		2335	-7.6	-29.0	-2.6	-7.3	-29.3
-6.89		1475	-0.5	-0.3	-2.5	2.1	-2.9
-46.14		1474	-0.2	-0.3	-2.4	2.1	-2.6
-44.15							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2334	0.0	0.0
	2335	0.0	0.0
	1475	0.0	0.0
	1474	0.0	0.0
Min	Cent	-0.0	-0.1
	2334	-0.0	-0.1
	2335	-0.0	-0.1
	1475	-0.0	-0.1
	1474	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.53	pp	Cent	-14.0	-21.8	9.2	-7.9	-27.9
2.78		2334	-12.2	-201.5	9.2	-11.7	-201.9
86.90		2335	-12.2	157.8	9.2	158.3	-12.7
86.97		1475	-15.9	157.8	9.2	158.3	-16.4
2.84		1474	-15.9	-201.5	9.2	-15.4	-201.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-60.08	Cent	0.4	5.7	-4.6	8.3	-2.2
-1.93	2334	-28.6	-89.2	-2.0	-28.5	-89.2
-1.67	2335	-38.4	-138.6	-2.9	-38.4	-138.6
-88.94	1475	39.5	151.3	-2.1	151.4	39.4
-89.01	1474	29.3	99.2	-1.2	99.3	29.3

	NODE	Vxx	Vyy
	Cent	0.0	-0.3
	2334	-0.0	-0.2

PROJECT TITLE :

	Company		Client	
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2335 -0.0 -0.3
 1475 0.0 -0.3
 1474 0.0 -0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	-0.3	-1.8	0.3	-0.2	-1.9
12.32		2334	-0.2	-1.8	0.3	-0.1	-1.8
11.94		2335	-0.2	-1.9	0.3	-0.1	-1.9
11.32		1475	-0.4	-1.9	0.3	-0.3	-1.9
12.73		1474	-0.4	-1.8	0.3	-0.3	-1.8
13.51							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	0.0	0.0	-0.1	0.1	-0.1
-48.28	2334	-0.3	-1.1	-0.1	-0.3	-1.1
-3.98	2335	-0.4	-1.5	-0.1	-0.3	-1.5
-3.67	1475	0.4	1.5	-0.1	1.5	0.4
-86.63	1474	0.4	1.2	-0.1	1.2	0.4
-86.47						

ANGLE	NODE	Vxx	Vyy

	Cent	-0.0	-0.0
	2334	-0.0	-0.0
	2335	-0.0	-0.0
	1475	0.0	-0.0
	1474	0.0	-0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	42.2	313.3	-52.7	323.2	32.3
-79.37		2334	32.0	-33.0	-52.7	61.5	-62.4
-29.17		2335	32.0	659.5	-52.7	663.9	27.6
-85.23		1475	52.3	659.5	-52.7	664.1	47.8
-85.07		1474	52.3	-33.0	-52.7	77.5	-58.2
-25.51							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-0.1	1.9	11.9	12.8	-11.0
47.40	2334	10.5	24.1	8.9	28.5	6.1
63.74	2335	12.0	69.4	9.9	71.1	10.4
80.49						

PROJECT TITLE :

	Company		Client	
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11.23		1475	-15.8	-65.9	10.4	-13.7	-68.0
27.73		1474	-7.0	-20.0	9.4	-2.1	-24.9

NODE	Vxx	Vyy
Cent	0.0	0.1
2334	0.0	0.0
2335	0.0	0.2
1475	-0.0	0.2
1474	-0.0	0.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
13.26	perm	Cent	-9.1	-39.5	7.6	-7.3	-41.3
6.07		2334	-7.4	-77.9	7.6	-6.6	-78.7
56.34		2335	-7.4	-1.1	7.6	4.0	-12.5
61.30		1475	-10.8	-1.1	7.6	3.1	-14.9
6.37		1474	-10.8	-77.9	7.6	-9.9	-78.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
71.17	Cent	0.2	1.7	0.6	1.9	-0.0
1.62	2334	-11.1	-34.5	0.7	-11.1	-34.6
0.61	2335	-8.4	-34.0	0.3	-8.4	-34.0
89.09	1475	9.0	37.6	0.5	37.6	9.0
88.17	1474	11.2	37.5	0.8	37.5	11.2

NODE	Vxx	Vyy
Cent	-0.0	-0.1
2334	-0.0	-0.1
2335	-0.0	-0.1
1475	0.0	-0.1
1474	0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.44	INV TO~1 Max	Cent	33.9	288.4	23.1	291.8	30.5
-12.53		2334	25.3	-68.5	23.1	31.9	-76.2
-87.65		2335	25.3	745.6	23.1	746.8	24.0
-87.59		1475	42.6	745.6	23.1	746.8	41.4
-11.18		1474	42.6	-68.5	23.1	48.5	-76.5
3.74	Min	Cent	-23.0	-119.8	-46.4	-22.6	-120.2

PROJECT TITLE :

	Company		Client	
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2.44		2334	-18.3	-200.3	-46.4	-18.0	-209.9
		2335	-18.3	-155.1	-46.4	-18.0	-155.4
2.65		1475	-27.8	-155.1	-46.4	-27.4	-155.5
2.85		1474	-27.8	-200.3	-46.4	-27.5	-209.5
2.60							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	0.4	6.1	16.1	19.5	-2.4
50.08		2334	-0.4	-10.0	12.8	8.4	-18.9
34.73		2335	5.4	36.0	13.0	40.8	0.6
69.81		1475	20.2	83.3	13.8	83.5	20.0
86.92		1474	23.9	81.1	13.5	81.4	23.6
85.89	Min	Cent	-0.1	0.9	-4.1	4.6	-13.2
-48.30		2334	-23.8	-73.8	-3.1	-23.6	-74.0
-3.55		2335	-19.5	-74.8	-3.7	-19.2	-75.0
-3.80		1475	-7.5	-28.8	-3.3	-5.4	-30.9
16.68		1474	3.9	17.1	-2.8	19.9	1.1
67.47							

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2334	0.0	-0.0
	2335	0.0	0.1
	1475	0.0	0.1
	1474	0.0	-0.0
Min	Cent	-0.0	-0.2
	2334	-0.0	-0.2
	2335	-0.0	-0.2
	1475	-0.0	-0.2
	1474	-0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	33.9	288.4	23.1	291.8	30.5
-83.44			2334	25.3	-68.5	23.1	31.9	-76.2
-12.53			2335	25.3	745.6	23.1	746.8	24.0
-87.65			1475	42.6	745.6	23.1	746.8	41.4
-87.59			1474	42.6	-68.5	23.1	48.5	-76.5
-11.18	Min	Cent	-23.0	-119.8	-46.4	-22.6	-120.2	
3.74			2334	-18.3	-272.0	-46.4	-18.0	-272.6
2.44			2335	-18.3	-155.1	-46.4	-18.0	-155.4
2.65			1475	-27.8	-155.1	-46.4	-27.4	-155.5

PROJECT TITLE :

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ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin		
2.85			1474	-27.8	-272.0	-46.4	-27.5	-272.6		
2.60										

		Max	Cent	0.6	7.7	16.1	19.5	-2.4		
50.08			2334	-0.4	-10.0	12.8	8.4	-18.9		
34.73			2335	5.4	36.0	13.0	40.8	0.6		
69.81			1475	53.3	204.3	13.8	204.4	53.3		
-88.94			1474	39.5	134.0	13.5	134.0	39.5		
-89.01		Min	Cent	-0.1	0.9	-6.1	4.6	-13.2		
-48.30			2334	-38.6	-120.4	-3.1	-38.5	-120.5		
-1.93			2335	-51.9	-187.1	-3.9	-51.8	-187.2		
-1.67			1475	-7.5	-28.8	-3.3	-5.4	-30.9		
16.68			1474	3.9	17.1	-2.8	19.9	1.1		
67.47										

			NODE	Vxx	Vyy					
		Max	Cent	0.0	0.0					
			2334	0.0	-0.0					
			2335	0.0	0.1					
			1475	0.0	0.1					
			1474	0.0	-0.0					
		Min	Cent	-0.0	-0.4					
			2334	-0.0	-0.3					
			2335	-0.0	-0.4					
			1475	-0.0	-0.4					
			1474	-0.0	-0.3					

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										

6285	2	12	c mob-a	Max	Cent	0.8	16.3	6.1	18.5	-1.3
70.91					2913	0.6	9.6	6.1	12.7	-2.4
63.19					2914	0.6	63.0	6.1	63.6	0.1
84.47					2335	1.1	63.0	6.1	63.6	0.5
84.43					2334	1.1	9.6	6.1	12.8	-2.1
62.45				Min	Cent	-9.4	-47.2	-2.9	-9.2	-47.5
-4.36					2913	-10.3	-40.8	-2.9	-10.0	-41.1
-5.39					2914	-10.3	-98.8	-2.9	-10.2	-98.9
-1.87					2335	-8.6	-98.8	-2.9	-8.5	-98.9
-1.84					2334	-8.6	-40.8	-2.9	-8.3	-41.0
-5.11										

				NODE	Mxx	Myy	Mxy	Mmax	Mmin	

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ANGLE

	Max	Cent	0.1	4.5	2.4	5.5	-1.0
66.53		2913	1.6	1.9	1.8	3.5	-0.0
47.89		2914	1.3	4.5	2.1	5.5	0.3
63.81		2335	11.1	33.0	2.4	33.2	10.8
83.75		2334	8.0	29.2	1.9	29.3	7.9
84.97	Min	Cent	-1.1	-0.4	-4.2	3.5	-5.0
-47.18		2913	-8.9	-23.1	-4.3	-7.7	-24.3
-15.72		2914	-15.8	-26.4	-3.5	-14.8	-27.5
-16.74		2335	-0.4	-1.7	-3.0	2.0	-4.1
-38.79		2334	-0.2	-0.1	-3.6	3.4	-3.7
-45.32							

		NODE	Vxx	Vyy
Max	Cent		0.0	0.0
	2913		0.0	0.0
	2914		0.0	0.0
	2335		0.0	0.0
	2334		0.0	0.0
Min	Cent		-0.0	-0.1
	2913		-0.0	-0.1
	2914		-0.0	-0.1
	2335		-0.0	-0.1
	2334		-0.0	-0.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	0.8	14.6	11.4	21.0	-5.6
60.51			2913	0.7	18.5	11.4	24.1	-4.9
64.02			2914	0.7	58.8	11.4	61.0	-1.5
79.28			2335	1.0	58.8	11.4	61.0	-1.1
79.21			2334	1.0	18.5	11.4	24.2	-4.6
63.71		Min	Cent	-13.2	-80.8	-2.5	-13.1	-80.9
-2.12			2913	-12.9	-42.0	-2.5	-12.7	-42.2
-4.89			2914	-12.9	-174.7	-2.5	-12.8	-174.7
-0.89			2335	-13.6	-174.7	-2.5	-13.6	-174.7
-0.89			2334	-13.6	-42.0	-2.5	-13.4	-42.2
-5.02								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	0.1	5.9	3.2	7.2	-1.3
66.18							

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50.25		2913	3.0	3.9	2.4	5.9	1.0
69.17		2914	2.1	8.4	2.8	9.4	1.1
81.68		2335	10.7	31.5	3.1	32.0	10.3
83.58		2334	8.4	30.0	2.5	30.3	8.1
-47.57	Min	Cent	-1.3	-0.5	-4.0	3.1	-4.9
-16.79		2913	-9.4	-24.3	-5.0	-7.9	-25.8
-23.68		2914	-17.6	-24.2	-3.6	-16.0	-25.8
-33.67		2335	-0.7	-3.0	-2.8	1.1	-4.9
-46.28		2334	-0.4	-0.1	-3.4	3.2	-3.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	2913	0.0	0.0
	2914	0.0	0.0
	2335	0.0	0.0
	2334	0.0	0.0
Min	Cent	-0.0	-0.1
	2913	-0.0	-0.1
	2914	-0.0	-0.1
	2335	-0.0	-0.1
	2334	-0.0	-0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-68.06	pp	Cent	-15.4	-7.8	-3.6	-6.3	-16.8
-2.03		2913	-22.8	-125.7	-3.6	-22.7	-125.8
-88.43		2914	-22.8	110.1	-3.6	110.2	-22.9
-88.23		2335	-7.9	110.1	-3.6	110.2	-8.1
-1.77		2334	-7.9	-125.7	-3.6	-7.8	-125.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.82	Cent	-2.7	9.0	-6.2	11.7	-5.3
-6.62	2913	-26.3	-73.8	-5.6	-25.7	-74.4
-2.34	2914	-56.4	-125.4	-2.8	-56.3	-125.5
-89.11	2335	46.4	144.1	-1.5	144.2	46.3
-86.30	2334	25.5	91.2	-4.3	91.4	25.2

	NODE	Vxx	Vyy
	Cent	0.0	-0.2
	2913	0.0	-0.2
	2914	0.0	-0.3
	2335	-0.0	-0.3

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
2334			-0.0	-0.2			
ANGLE							

7.11	vento -y	Cent	-0.2	-2.2	0.3	-0.2	-2.3
28.94		2913	-0.2	-0.5	0.3	-0.0	-0.6
3.75		2914	-0.2	-4.0	0.3	-0.1	-4.0
3.92		2335	-0.3	-4.0	0.3	-0.3	-4.0
36.75		2334	-0.3	-0.5	0.3	-0.1	-0.7
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-57.06		Cent	-0.0	0.2	-0.2	0.3	-0.1
-20.95		2913	-0.1	-0.6	-0.2	-0.0	-0.7
-21.15		2914	-0.8	-1.1	-0.2	-0.7	-1.2
-83.83		2335	0.5	1.5	-0.1	1.5	0.5
-76.51		2334	0.2	0.8	-0.2	0.9	0.2
		NODE	Vxx	Vyy			

		Cent	0.0	-0.0			
		2913	0.0	-0.0			
		2914	0.0	-0.0			
		2335	-0.0	-0.0			
		2334	-0.0	-0.0			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

-82.39	cedime~1	Cent	54.2	424.7	-50.4	431.4	47.5
-16.60		2913	43.0	-111.1	-50.4	58.0	-126.1
-86.87		2914	43.0	960.5	-50.4	963.3	40.2
-86.79		2335	65.4	960.5	-50.4	963.3	62.6
-14.86		2334	65.4	-111.1	-50.4	78.8	-124.5
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

31.21		Cent	2.7	-13.2	15.1	11.8	-22.3
44.84		2913	-8.3	-8.5	19.5	11.0	-27.9
25.90		2914	43.7	19.8	15.2	51.1	12.4
12.74		2335	-25.2	-54.7	7.0	-23.6	-56.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-0.27		2914	-28.9	-280.0	-51.6	-28.9	-280.0
-0.27		2335	-27.2	-280.0	-51.6	-27.2	-280.0
-0.92		2334	-27.2	-212.2	-51.6	-27.2	-222.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1.8	12.2	19.0	19.5	-1.9
42.90		2913	-4.5	-20.1	21.1	1.8	-20.3
34.74		2914	30.0	6.7	18.6	40.3	-3.6
28.95		2335	26.9	78.4	12.1	78.9	26.4
84.45		2334	20.9	73.3	14.2	73.5	20.3
86.85	Min	Cent	-2.7	-9.6	-6.1	5.4	-18.7
30.97		2913	-29.5	-66.6	-8.3	-26.4	-69.7
15.51		2914	-40.2	-60.0	-5.2	-39.0	-61.3
-13.86		2335	-14.2	-24.9	-3.1	-13.0	-26.2
18.13		2334	8.6	23.4	-5.2	25.6	6.9
69.90							

		NODE	Vxx	Vyy
	Max	Cent	0.0	-0.0
		2913	0.1	-0.1
		2914	0.1	0.0
		2335	0.0	0.0
		2334	0.0	-0.1
	Min	Cent	-0.0	-0.1
		2913	-0.1	-0.1
		2914	-0.1	-0.1
		2335	-0.0	-0.1
		2334	-0.0	-0.1

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	45.1	402.5	18.2	405.4	42.3
-84.89			2913	32.3	-19.3	18.2	38.5	-33.7
-10.80			2914	32.3	1001.4	18.2	1002.5	31.3
-88.10			2335	58.1	1001.4	18.2	1002.5	57.0
-88.05			2334	58.1	-19.3	18.2	63.5	-32.5
-9.44		Min	Cent	-27.9	-153.4	-51.6	-27.9	-153.4
-0.54			2913	-30.8	-212.2	-51.6	-30.6	-223.4
-2.03			2914	-30.8	-280.0	-51.6	-28.9	-280.0
-0.27			2335	-27.2	-280.0	-51.6	-27.2	-280.0
-0.27			2334	-27.2	-212.2	-51.6	-27.2	-222.4

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-0.92

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	1.8	12.2	19.0	19.5	-1.9
42.90		2913	-4.5	-20.1	21.1	1.8	-20.3
34.74		2914	30.0	6.7	18.6	40.3	-3.6
28.95		2335	62.6	194.6	12.1	194.6	62.6
-89.11		2334	34.4	123.1	14.2	123.5	34.0
-86.30	Min	Cent	-3.7	-9.6	-8.3	5.4	-18.7
30.97		2913	-35.5	-99.6	-8.3	-34.6	-100.4
-6.62		2914	-76.1	-169.3	-5.2	-75.9	-169.5
-2.34		2335	-14.2	-24.9	-3.1	-13.0	-26.2
18.13		2334	8.6	23.4	-5.8	25.6	6.9
69.90							

		NODE	Vxx	Vyy
Max	Cent		0.0	-0.0
		2913	0.1	-0.1
		2914	0.1	0.0
		2335	0.0	0.0
		2334	0.0	-0.1
Min	Cent		-0.0	-0.3
		2913	-0.1	-0.3
		2914	-0.1	-0.4
		2335	-0.0	-0.4
		2334	-0.0	-0.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6286	2	12	c mob-a	Max	Cent	4.6	27.6	7.9	30.1	2.1
72.67					3484	10.5	27.5	9.4	31.7	6.3
65.97					3485	10.6	85.9	6.5	86.5	10.0
85.09					2914	1.2	82.6	6.6	83.1	0.7
85.39					2913	1.2	22.5	9.3	26.0	-2.3
69.37				Min	Cent	-11.3	-59.2	-7.5	-10.2	-60.4
-8.71					3484	-14.3	-32.2	-8.5	-10.9	-35.6
-21.77					3485	-14.4	-145.3	-6.8	-14.1	-145.7
-2.98					2914	-11.5	-140.3	-6.9	-11.1	-140.7
-3.04					2913	-11.4	-28.7	-8.5	-8.0	-32.1
-22.20										

ANGLE

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	Company		Client	
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		Max	Cent	3.8	2.7	2.2	5.6	1.0
37.82								
			3484	3.4	1.2	2.8	5.3	-0.8
34.35								
			3485	1.4	19.4	1.3	19.5	1.3
86.01								
			2914	15.5	90.7	2.8	90.8	15.4
87.85								
			2913	13.7	53.8	3.6	54.1	13.4
84.97		Min	Cent	-1.1	-14.8	-11.4	5.4	-21.2
-29.47								
			3484	-4.9	-72.9	-6.9	-4.2	-73.6
-5.74								
			3485	-13.8	-128.8	-13.1	-12.3	-130.3
-6.42								
			2914	-1.6	-10.5	-12.8	7.5	-19.7
-35.35								
			2913	-0.3	-0.5	-8.8	8.4	-9.2
-44.63								

			NODE	Vxx	Vyy

	Max	Cent		0.0	0.0
			3484	0.0	0.0
			3485	0.0	0.0
			2914	0.0	0.0
			2913	0.0	0.0
	Min	Cent		-0.0	-0.2
			3484	-0.0	-0.2
			3485	-0.0	-0.3
			2914	-0.0	-0.3
			2913	-0.0	-0.2

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

		c mob-b	Max	Cent	4.2	25.4	14.4	32.7	-3.1
63.17									
				3484	10.0	51.8	17.4	58.1	3.7
70.11									
				3485	10.1	80.3	11.5	82.2	8.2
80.91									
				2914	1.1	77.2	11.7	78.9	-0.6
81.44									
				2913	1.1	42.6	17.2	48.9	-5.1
70.16			Min	Cent	-20.7	-107.7	-7.5	-20.0	-108.3
-4.88									
				3484	-26.4	-32.7	-8.0	-20.9	-38.1
-34.21									
				3485	-26.5	-266.4	-7.4	-26.2	-266.6
-1.77									
				2914	-18.1	-257.3	-7.4	-17.9	-257.5
-1.78									
				2913	-18.0	-29.7	-8.0	-14.0	-33.7
-26.89									

				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	4.0	2.7	3.4	6.8	-0.2
39.35									
				3484	3.8	1.1	5.2	7.9	-2.9
37.59									

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83.91		3485	2.0	22.4	2.2	22.7	1.8
87.79		2914	18.5	113.0	3.7	113.1	18.3
83.58		2913	14.0	55.2	4.7	55.7	13.4
-27.45	Min	Cent	-2.0	-22.8	-14.8	5.7	-30.5
-5.47		3484	-8.0	-72.9	-6.3	-7.4	-73.5
-4.61		3485	-16.5	-178.1	-13.1	-15.5	-179.2
-35.89		2914	-2.4	-14.5	-18.3	10.8	-27.8
-44.73		2913	-0.4	-0.7	-13.1	12.6	-13.7

	NODE	Vxx	Vyy
Max	Cent	0.0	0.0
	3484	0.0	0.0
	3485	0.0	0.0
	2914	0.0	0.1
	2913	0.0	0.0
Min	Cent	-0.0	-0.3
	3484	-0.1	-0.2
	3485	-0.1	-0.4
	2914	-0.0	-0.4
	2913	-0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-63.71	pp	Cent	5.2	29.9	-16.2	37.9	-2.8
-9.26		3484	22.5	-88.0	-18.5	25.5	-91.0
-83.77		3485	22.6	147.9	-13.9	149.4	21.0
-84.81		2914	-11.8	141.1	-14.0	142.3	-13.0
-13.96		2913	-11.9	-81.2	-18.4	-7.3	-85.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-30.02	Cent	11.5	-13.9	-22.0	24.2	-26.6
-5.21	3484	0.2	-211.1	-19.4	1.9	-212.8
-10.48	3485	-39.7	-244.4	-39.2	-32.5	-251.6
-85.26	2914	50.4	239.6	-15.8	240.9	49.1
-88.18	2913	41.5	161.8	-3.8	161.9	41.4

	NODE	Vxx	Vyy
	Cent	0.0	-0.6
	3484	0.1	-0.5
	3485	0.1	-0.7
	2914	0.0	-0.7
	2913	0.0	-0.5

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6.75	vento -y	Cent	-0.4	-2.6	0.3	-0.3	-2.7
79.03		3484	-0.4	1.3	0.3	1.4	-0.5
1.83		3485	-0.5	-6.5	0.2	-0.4	-6.5
1.89		2914	-0.3	-6.3	0.2	-0.3	-6.3
76.33		2913	-0.3	1.1	0.3	1.1	-0.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-24.02		Cent	-0.1	-1.0	-0.5	0.2	-1.2
1.85		3484	-0.6	-2.1	0.0	-0.6	-2.1
-2.71		3485	-0.6	-6.8	-0.3	-0.6	-6.8
-79.74		2914	0.7	4.0	-0.6	4.1	0.6
-63.37		2913	0.3	1.0	-0.5	1.3	0.1
		NODE	Vxx	Vyy			
		Cent	-0.0	-0.0			
		3484	-0.0	-0.0			
		3485	-0.0	-0.0			
		2914	0.0	-0.0			
		2913	0.0	-0.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-83.74	cedime~1	Cent	105.4	542.7	-48.6	548.1	100.1
-8.85		3484	133.2	-271.6	-64.6	143.3	-281.7
-88.48		3485	133.9	1357.1	-32.5	1357.9	133.0
-88.45		2914	78.1	1310.1	-33.4	1311.0	77.2
-11.43		2913	77.5	-224.7	-63.7	90.4	-237.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
65.98		Cent	8.0	84.6	42.6	103.5	-10.9
-74.56		3484	32.6	82.8	-15.0	86.9	28.5
88.51		3485	41.4	566.4	13.7	566.7	41.1
12.79		2914	-45.4	-295.9	60.0	-31.8	-309.5
42.54		2913	-6.1	-14.1	46.5	36.5	-56.8

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NODE	Vxx	Vyy
Cent	0.1	0.7
3484	0.3	0.1
3485	0.3	1.2
2914	-0.1	1.2
2913	-0.1	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
perm	Cent		-8.0	-41.5	-1.3	-8.0	-41.6
-2.23		3484	-5.3	-15.7	-0.8	-5.2	-15.8
-4.34		3485	-5.3	-67.3	-1.8	-5.2	-67.4
-1.68		2914	-10.8	-65.8	-1.8	-10.7	-65.9
-1.86		2913	-10.7	-17.2	-0.8	-10.6	-17.3
-7.16							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Cent		2.9	-13.7	-8.7	6.6	-17.4
-23.13	3484	-2.9	-80.6	-3.1	-2.8	-80.7
-2.29	3485	-13.9	-119.0	-11.9	-12.6	-120.3
-6.40	2914	16.1	88.5	-9.5	89.7	14.9
-82.67	2913	14.9	56.6	-4.1	57.0	14.5
-84.38						

NODE	Vxx	Vyy
Cent	0.0	-0.2
3484	-0.0	-0.2
3485	-0.0	-0.3
2914	0.0	-0.3
2913	0.0	-0.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
INV TO~1	Max	Cent	103.6	538.5	18.2	540.6	101.5
-86.02		3484	142.2	54.2	22.7	147.0	-0.5
-6.57		3485	142.8	1405.8	13.8	1406.1	142.6
-89.15		2914	69.0	1355.7	14.0	1356.0	68.7
-89.14		2913	68.4	40.3	22.4	75.0	-17.8
-9.05	Min	Cent	-36.0	-186.9	-60.0	-35.1	-187.8
-4.31		3484	-40.9	-331.5	-76.9	-34.8	-345.0
-26.15		3485	-41.0	-427.0	-44.3	-40.7	-427.4
-1.76							

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-1.79			2914	-35.2	-413.1	-45.2	-34.8	-413.5	
-23.88			2913	-35.1	-282.0	-75.9	-29.7	-298.9	
			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE									
			-----	-----	-----	-----	-----	-----	
		Max	Cent	16.3	74.5	38.5	93.6	3.1	
63.52			3484	34.9	3.8	3.9	38.5	0.3	
-17.69			3485	30.2	477.7	4.7	477.7	30.1	
89.39			2914	41.0	241.1	55.4	241.2	40.9	
-88.70			2913	33.7	131.0	48.7	138.3	33.7	
66.27		Min	Cent	0.2	-44.5	-28.7	9.2	-58.5	
-11.86			3484	-13.7	-179.0	-27.4	-12.8	-180.0	
-4.27			3485	-36.2	-359.4	-29.6	-33.5	-362.1	
-5.20			2914	-32.6	-227.0	-34.2	-29.2	-230.3	
7.41			2913	8.2	41.6	-21.9	54.6	-4.8	
62.06									
			NODE	Vxx	Vyy				
		Max	Cent	0.1	0.5				
			3484	0.4	-0.1				
			3485	0.4	1.0				
			2914	0.1	1.0				
			2913	0.1	-0.1				
		Min	Cent	-0.0	-0.6				
			3484	-0.1	-0.4				
			3485	-0.1	-0.8				
			2914	-0.1	-0.8				
			2913	-0.1	-0.4				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE									
			-----	-----	-----	-----	-----	-----	
		INV TO~2	Max	Cent	103.6	538.5	18.2	540.6	101.5
-86.02				3484	142.2	54.2	22.7	147.0	-0.5
-6.57				3485	142.8	1405.8	13.8	1406.1	142.6
-89.15				2914	69.0	1355.7	14.0	1356.0	68.7
-89.14				2913	68.4	40.3	22.4	75.0	-17.8
-9.05		Min	Cent	-36.0	-186.9	-60.0	-35.1	-187.8	
-4.31				3484	-40.9	-331.5	-76.9	-34.8	-345.0
-26.15				3485	-41.0	-427.0	-44.3	-40.7	-427.4
-1.76				2914	-35.2	-413.1	-45.2	-34.8	-413.5
-1.79				2913	-35.1	-282.0	-75.9	-29.7	-298.9
-23.88									

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				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	16.3	74.5	38.5	93.6	3.1
63.52				3484	34.9	3.8	3.9	38.5	0.3
-17.69				3485	30.2	477.7	4.7	477.7	30.1
89.39				2914	68.0	323.4	55.4	325.2	66.3
-85.26				2913	56.0	218.4	48.7	218.6	55.8
-88.18			Min	Cent	0.2	-44.5	-29.7	9.2	-58.5
-11.86				3484	-13.7	-284.9	-27.4	-12.8	-287.3
-4.27				3485	-53.6	-359.4	-52.9	-43.9	-362.1
-10.48				2914	-32.6	-227.0	-34.2	-29.2	-230.3
7.41				2913	8.2	41.6	-21.9	54.6	-4.8
62.06									
				NODE	Vxx	Vyy			

			Max	Cent	0.1	0.5			
				3484	0.4	-0.1			
				3485	0.4	1.0			
				2914	0.1	1.0			
				2913	0.1	-0.1			
			Min	Cent	-0.0	-0.8			
				3484	-0.1	-0.7			
				3485	-0.1	-0.9			
				2914	-0.1	-0.9			
				2913	-0.1	-0.7			
ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									

6341	1	5	c mob-a	Max	Cent	4.4	143.7	2146.6	2221.7
45.93					635	42.6	82.8	2237.9	2300.7
45.26					636	42.8	207.5	2055.2	2182.0
46.15					6142	568.3	202.3	2062.6	2456.0
42.46					1106	573.5	87.0	2230.6	2574.0
41.89				Min	Cent	-219.3	-4399.8	-61.3	-218.4
-0.84					635	-971.3	-1451.3	-63.3	-963.1
-7.38					636	-976.8	-7359.2	-59.3	-976.2
-0.53					6142	-36.0	-7120.8	-59.5	-35.5
-0.48					1106	-36.1	-1679.8	-63.1	-33.7
-2.20									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE									

			Max	Cent	11156.1	6771.9	38095.9	47122.9	-29195.0

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43.35							
		635	1052.8	8739.6	34345.0	39455.6	-29663.2
48.19							
		636	7218.9	9480.3	27328.8	35701.7	-19002.6
46.18							
		6142	1520.2	4738.9	35250.5	38416.7	-32157.7
46.31							
		1106	105489.6	10444.9	35094.0	117043.1	-1108.6
18.22							
	Min	Cent	-3488.0	-323470.9	-1534.4	-3480.6	-323478.3
-0.27							
		635	-22666.2	-508427.8	-1483.9	-22661.7	-508432.3
-0.18							
		636	-11036.2	-426815.6	-1052.4	-11033.5	-426818.2
-0.15							
		6142	-39923.5	-230041.2	-1224.0	-39915.7	-230049.1
-0.37							
		1106	-2912.4	-127099.9	-1746.8	-2887.8	-127124.5
-0.81							

	NODE	Vxx	Vyy
Max	Cent	134.3	7.9
	635	20.0	10.2
	636	20.0	8.1
	6142	256.1	7.6
	1106	256.1	10.2
Min	Cent	-7.2	-451.5
	635	-27.0	-570.1
	636	-27.0	-325.4
	6142	-4.8	-340.7
	1106	-4.8	-570.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
45.61	c mob-b	Max	Cent	4.0	93.3	2108.9	2158.0	-2060.7
			635	26.8	50.0	2198.1	2236.5	-2159.7
45.15			636	26.9	137.6	2019.7	2102.7	-1938.2
45.79			6142	561.0	134.1	2026.9	2385.6	-1690.5
41.99			1106	566.0	53.3	2190.9	2515.5	-1896.1
41.66		Min	Cent	-234.5	-4331.6	-40.8	-234.1	-4332.0
-0.57			635	-968.6	-1462.2	-42.2	-965.0	-1465.8
-4.85			636	-974.1	-7221.4	-39.5	-973.9	-7221.6
-0.36			6142	-20.2	-6988.6	-39.6	-19.9	-6988.8
-0.33			1106	-20.2	-1693.4	-42.1	-19.2	-1694.4
-1.44								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
43.07	Max	Cent	11051.0	6046.6	37064.3	45697.5	-28599.9
		635	575.0	6946.5	33384.3	37296.7	-29775.2
47.73		636	8621.2	8339.5	26486.0	34966.7	-18006.0
44.85							

PROJECT TITLE :

	Company		Client	
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46.15		6142	1069.4	3841.0	34468.0	36951.1	-32040.7
18.31		1106	102123.4	10080.5	34211.2	113446.4	-1242.4
-0.20	Min	Cent	-3841.2	-313259.4	-1057.1	-3837.6	-313263.0
-0.11		635	-22794.5	-493384.0	-873.8	-22792.9	-493385.6
-0.10		636	-9599.4	-413246.8	-729.3	-9598.1	-413248.1
-0.33		6142	-39508.2	-222455.3	-1038.8	-39502.3	-222461.2
-0.55		1106	-3225.8	-122499.1	-1148.9	-3214.8	-122510.2

	NODE	Vxx	Vyy
Max	Cent	129.7	5.8
	635	16.7	7.2
	636	16.7	8.4
	6142	249.1	7.8
	1106	249.1	7.2
Min	Cent	-6.5	-438.7
	635	-24.2	-554.4
	636	-24.2	-315.6
	6142	-3.7	-330.6
	1106	-3.7	-554.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.84	pp	Cent	-523.0	-11900.0	5824.9	1930.3	-14353.2
42.35		635	-2492.1	-3621.5	6080.4	3049.7	-9163.4
16.11		636	-2507.9	-20178.4	5569.3	-899.1	-21787.2
14.07		6142	1392.3	-19511.6	5589.9	2793.2	-20912.5
32.42		1106	1406.8	-4288.4	6059.8	5254.7	-8136.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
6.70	Cent	25778.0	-892389.8	109333.5	38617.6	-905229.4
4.11	635	-57750.4	-1417668.0	98241.2	-50690.0	-1424728.3
3.85	636	-11907.6	-1181930.6	79009.8	-6596.3	-1187241.8
10.65	6142	-110972.4	-629967.8	101168.6	-91948.7	-648991.4
8.85	1106	293809.3	-334893.5	100291.0	309420.2	-350504.3

	NODE	Vxx	Vyy
	Cent	365.7	-1274.6
	635	2.0	-1614.3
	636	2.0	-912.6
	6142	719.3	-956.9
	1106	719.3	-1614.3

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

21.01	vento -y	Cent	32.4	-23.6	25.2	42.0	-33.2
22.66		635	20.7	-28.8	25.0	31.2	-39.3
26.21		636	20.7	-18.3	25.4	33.2	-30.8
19.54		6142	43.7	-18.7	25.4	52.7	-27.7
17.41		1106	43.7	-28.4	25.1	51.5	-36.2

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-75.40		Cent	-1984.0	4513.0	-1816.3	4986.3	-2457.3
-81.17		635	-447.0	10908.4	-1806.8	11188.9	-727.5
-82.78		636	-3344.9	6465.6	-1263.6	6625.7	-3505.0
-66.66		6142	16.4	2713.5	-1430.4	3330.8	-600.9
-60.84		1106	-4278.5	-2113.7	-1754.2	-1134.8	-5257.3

NODE	Vxx	Vyy
Cent	-1.3	13.3
635	4.6	19.5
636	4.6	6.8
6142	-6.9	7.5
1106	-6.9	19.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.89	cedime~1	Cent	29.2	-763.7	407.4	201.2	-935.7
37.70		635	-135.5	-354.4	420.1	189.1	-679.1
18.65		636	-136.3	-1172.9	394.8	-3.0	-1306.2
15.39		6142	189.4	-1140.0	395.8	298.3	-1248.9
27.72		1106	190.1	-387.4	419.1	410.3	-607.5

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-50.37		Cent	-7108.8	-6246.2	-2272.0	-4364.9	-8990.1
-67.98		635	-5429.4	-298.7	-2480.0	704.0	-6432.2
-73.19		636	-11071.0	-6940.3	-1372.9	-6525.6	-11485.6
-35.59		6142	-4872.3	-5878.4	-1475.5	-3816.4	-6934.2
-22.67		1106	-7177.2	-11968.0	-2424.2	-6164.6	-12980.6

NODE	Vxx	Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      3.7      9.0
          635      9.8      18.0
          636      9.8      -0.3
          6142     -2.3      0.4
          1106     -2.3      18.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.81	perm	Cent	-173.7	-3346.5	1621.5	508.4	-4028.6
42.24		635	-756.3	-1083.7	1691.3	779.2	-2619.3
16.31		636	-760.6	-5609.3	1551.7	-306.6	-6063.3
14.08		6142	393.0	-5427.0	1557.3	783.5	-5817.5
31.87		1106	396.9	-1266.0	1685.7	1445.1	-2314.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
7.01	Cent	7986.2	-242157.5	31220.3	11823.9	-245995.3
4.27	635	-16549.2	-389854.9	28031.7	-14456.0	-391948.1
3.95	636	31.4	-320870.4	22292.0	1572.5	-322411.6
11.23	6142	-30702.8	-170025.1	28784.0	-24990.2	-175737.6
9.48	1106	81976.9	-86429.7	28913.9	86802.8	-91255.7

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          NODE      Vxx      Vyy
          Cent      98.0     -354.5
          635      -6.5     -452.4
          636      -6.5     -250.2
          6142     199.6    -262.9
          1106     199.6    -452.4
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
34.51	INV TO~1	Max	Cent	-138.5	-3152.6	4926.8	3249.1	-6419.6
43.63			635	-698.7	-972.0	5132.6	4058.2	-4243.2
30.93			636	-702.9	-5329.2	4721.0	1889.7	-7921.8
25.55			6142	1349.6	-5153.9	4737.6	3614.8	-7365.1
37.10			1106	1361.2	-1148.5	5116.0	5229.8	-4124.8
9.64	Min	Cent	-490.3	-10050.0	1538.8	-228.9	-10429.9	
36.43		635	-2203.1	-3412.1	1606.0	-882.1	-6218.8	
7.22		636	-2215.5	-16717.2	1471.6	-1979.2	-16953.5	
5.43		6142	344.3	-16180.1	1477.0	484.9	-16387.4	

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6.70          Max   Cent   34800.3  -233015.5  147600.2  52133.8  -257375.2
              635   -15127.9  -378056.5  132625.6   -469.1  -392269.6
11.15          636   11670.0  -308072.1  106663.2  22273.9  -318676.0
10.16          6142  -28650.6  -163627.6  136577.6   5779.6  -198057.7
24.27          1106  396642.6   -72329.1  135392.9  417717.2  -90795.4
8.85           Min   Cent   -4308.3  -1204726.2  26876.8   -3248.9  -1222059.7
2.26           635   -77963.0  -1913851.8  23548.4   -68431.5  -1923383.2
4.11           636   -25938.4  -1595606.2  19498.4   -25505.6  -1602776.5
1.27           6142  -149812.7  -850456.5  25656.1  -124130.8  -876138.4
10.65          1106   70444.8  -452106.2  24131.6   72146.9  -473180.8
4.03
    
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              NODE      Vxx      Vyy
-----
Max   Cent      493.7     -334.8
      635        30.2     -420.5
      636        30.2     -238.8
      6142       971.1     -252.0
      1106       971.1     -420.5
Min   Cent        88.3     -1720.8
      635       -43.0     -2179.2
      636       -43.0     -1232.0
      6142       191.0     -1291.8
      1106       191.0     -2179.2
    
```

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ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
6342  1      5  c mob-a  Max   Cent      18.6      76.0      32.0      90.3      4.3
65.94          636      43.5      186.1      35.4      194.4      35.2
76.78          637      43.3      29.6      28.7      66.0      7.0
38.30          6143     366.2      39.7      28.5      368.7      37.3
4.95           6142     360.4     192.4      35.6      367.6     185.2
11.50          Min   Cent     -550.1    -3641.7    -790.1    -359.9    -3831.9
-13.54          636    -1395.2    -6732.7    -885.5    -1252.1    -6875.8
-9.18           637    -1389.4    -779.7     -694.6     -326.0    -1843.2
-56.85          6143     -57.2     -639.3     -689.2     399.9     -1096.3
-33.55          6142     -57.4    -6909.9    -891.0     56.5     -7023.9
-7.29
    
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              NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
Max   Cent      963.3      6450.9      59508.1      63278.4     -55864.2
      636      2002.8      8898.5      42344.2      47935.0     -37033.7
    
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PROJECT TITLE :

	Company		Client	
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47.33							
		637	9379.5	11322.4	45793.3	56154.6	-35452.7
45.61							
		6143	2542.4	4151.2	67034.6	70386.2	-63692.6
45.34							
		6142	3080.9	4672.6	66526.0	70407.4	-62654.0
45.34							
	Min	Cent	-49402.4	-306313.3	-2070.4	-49385.7	-306330.0
-0.46							
		636	-125782.4	-451206.9	-2836.5	-125757.7	-451231.7
-0.50							
		637	-15183.8	-320116.9	-2158.9	-15168.5	-320132.2
-0.41							
		6143	-59714.8	-226711.3	-1469.9	-59701.8	-226724.3
-0.50							
		6142	-7460.2	-227239.9	-2018.7	-7441.7	-227258.4
-0.53							

	NODE	Vxx	Vyy
Max	Cent	4.2	10.1
	636	8.8	7.9
	637	8.8	13.7
	6143	82.5	13.7
	6142	82.5	7.6
Min	Cent	-27.2	-243.5
	636	-128.8	-317.8
	637	-128.8	-163.4
	6143	-3.3	-163.4
	6142	-3.3	-329.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
67.46	c mob-b	Max	Cent	15.0	53.8	19.5	61.9	6.9
			636	28.6	124.1	21.6	128.8	23.9
77.81			637	28.5	9.2	17.3	38.6	-1.0
30.40			6143	361.9	22.6	17.2	362.8	21.8
2.89			6142	356.3	128.1	21.8	358.4	126.1
5.40			Min	Cent	-574.6	-3554.5	-786.1	-3749.2
-13.91			636	-1379.7	-6605.7	-880.6	-1235.3	-6750.1
-9.31			637	-1374.2	-709.6	-691.7	-274.5	-1809.3
-57.83			6143	-31.3	-566.8	-686.3	437.6	-1035.7
-34.34			6142	-31.5	-6780.5	-886.0	82.8	-6894.9
-7.36								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
46.22	Max	Cent	1056.4	6012.3	58306.3	61893.3	-54824.6
		636	1527.9	7736.4	41671.7	46419.3	-37155.0
47.13		637	8199.8	11740.0	44853.4	54858.1	-34918.4
46.13		6143	1674.2	3535.1	65416.5	68027.8	-62818.4
45.41							

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45.18		6142	2937.9	3744.2	65011.3	68353.6	-61671.5
-0.37	Min	Cent	-48349.6	-296961.5	-1618.1	-48339.1	-296972.0
-0.40		636	-123095.6	-437305.5	-2187.8	-123080.3	-437320.7
-0.29		637	-14547.4	-310791.4	-1518.8	-14539.6	-310799.2
-0.41		6143	-58718.8	-220104.6	-1162.5	-58710.4	-220113.0
-0.45		6142	-8401.8	-219668.6	-1650.4	-8388.9	-219681.5

	NODE	Vxx	Vyy
Max	Cent	3.0	10.2
	636	6.6	8.2
	637	6.6	13.0
	6143	80.8	13.0
	6142	80.8	7.9
Min	Cent	-26.7	-236.5
	636	-126.8	-308.2
	637	-126.8	-159.0
	6143	-3.5	-159.0
	6142	-3.5	-320.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-12.85	pp	Cent	-1460.5	-10223.7	-2108.6	-979.5	-10704.6
-8.84		636	-3663.2	-18491.8	-2363.8	-3295.5	-18859.5
-57.27		637	-3647.4	-1955.5	-1853.4	-764.2	-4838.8
-29.18		6143	783.8	-1481.9	-1838.8	1810.7	-2508.8
-6.78		6142	767.1	-18965.5	-2378.4	1049.8	-19248.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
12.60	Cent	-136427.5	-844963.1	166723.0	-99157.0	-882233.6
7.15	636	-349031.0	-1252692.5	115188.4	-334579.2	-1267144.3
8.16	637	-26961.4	-879195.0	124846.4	-9048.7	-897107.6
19.74	6143	-165065.8	-625818.7	189761.5	-96974.9	-693909.6
15.87	6142	-9685.9	-621887.9	189341.0	44140.7	-675714.5

	NODE	Vxx	Vyy
	Cent	-61.4	-678.3
	636	-346.3	-891.1
	637	-346.3	-448.0
	6143	228.9	-448.0
	6142	228.9	-926.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-11.62      vento -y      Cent      63.7      33.5      -6.5      65.0      32.2
              636      62.6      -6.1      -7.7      63.5      -7.0
              637      62.7      73.2      -5.3      75.3      60.5
-67.42      6143      64.8      75.4      -5.2      77.5      62.7
-67.83      6142      64.7      -8.4      -7.8      65.5      -9.2
-6.00
  
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ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----
-69.16      Cent      -220.2    4148.4    -1944.3    4888.3    -960.2
              636      1443.1    7460.3    -1648.8    7882.5    1020.9
              637      -2124.9    3586.2    -1301.8    3869.0    -2407.6
-77.75      6143      816.3     2893.5    -1936.3    4052.2    -342.4
-59.10      6142      -959.8    2650.9    -2360.0    3816.9    -2125.7
-63.71
  
```

	NODE	Vxx	Vyy
-----	-----	-----	-----
	Cent	0.7	4.5
	636	3.9	6.8
	637	3.9	2.0
	6143	-2.6	2.0
	6142	-2.6	7.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

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-----
-13.70      cedime~1      Cent      31.4      -456.9    -126.6     62.3     -487.7
              636      -109.7    -1050.6    -144.9     -87.9    -1072.4
              637      -108.6     136.9     -108.3     177.8    -149.5
-69.29      6143      175.2     170.9     -107.2     280.3     65.8
-44.42      6142      174.0    -1084.6    -146.0     190.7    -1101.3
-6.53
  
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ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----
-22.05      Cent      -5245.1   -6844.3   -774.8   -4931.3   -7158.2
              636      -7033.0   -6193.8   -914.6   -5607.2   -7619.7
              637      -6282.7   -9061.4    205.1   -6267.7   -9076.5
  4.20      6143      -3153.5   -6378.1   -530.9   -3068.4   -6463.2
-9.11      6142      -4462.3   -5743.7   -1718.9   -3268.6   -6937.4
-34.78
  
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	NODE	Vxx	Vyy
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	Cent	-2.0	-1.4

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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        636      -1.9      0.4
        637      -1.9     -3.3
       6143      -2.1     -3.3
       6142      -2.1      0.4
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.50	perm	Cent	-457.4	-2806.4	-598.4	-313.7	-2950.0
-9.20		636	-1110.6	-5141.0	-670.4	-1002.0	-5249.6
-60.54		637	-1106.2	-471.8	-526.3	-174.5	-1403.5
-31.19		6143	208.3	-338.0	-522.2	524.4	-654.2
-6.92		6142	203.6	-5274.7	-674.6	285.4	-5356.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
13.20	Cent	-37328.0	-229686.7	47755.0	-26124.8	-240889.9
7.77	636	-97598.3	-341531.3	33922.5	-92968.7	-346160.8
8.56	637	-4386.1	-238827.7	36098.0	1046.2	-244260.0
20.40	6143	-46501.4	-170535.9	53542.3	-26586.2	-190451.1
16.52	6142	-2226.2	-167781.9	53850.7	13748.5	-183756.6

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        NODE      Vxx      Vyy
        Cent      -19.3     -185.9
         636     -101.7     -244.3
         637     -101.7     -122.3
        6143       64.7     -122.3
        6142       64.7     -254.6
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-13.15	INV TO~1 Max	Cent	-400.8	-2703.8	-555.2	-241.5	-2832.2
-8.99		636	-1051.9	-4889.8	-622.6	-953.4	-4988.3
-62.93		637	-1047.7	-294.9	-487.6	9.6	-1316.4
-33.40		6143	877.8	-113.5	-483.7	1335.0	-389.1
-6.25		6142	864.1	-5014.9	-626.5	948.8	-5082.9
-13.58	Min	Cent	-1233.0	-8179.6	-1791.6	-830.8	-8612.7
-9.14		636	-3103.9	-15280.8	-2010.8	-2780.4	-15604.3
-58.23		637	-3090.5	-1524.4	-1572.3	-617.8	-4027.1
-22.21		6143	131.1	-1201.0	-1559.8	900.1	-2132.9
-7.15		6142	126.0	-15687.7	-2023.4	361.6	-15939.8

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
27.08	Max	Cent	-35901.8	-220978.0	128090.9	29580.9	-286460.7
18.91		636	-94894.5	-329518.3	91087.2	-63683.8	-360729.0
20.13		637	8276.2	-222978.7	98124.1	44167.2	-258869.7
33.54		6143	-43069.1	-164931.9	144039.0	52396.0	-260397.0
30.19		6142	1933.0	-161473.9	143660.8	85498.6	-245039.6
4.64	Min	Cent	-109266.3	-650054.0	44185.2	-105679.9	-653640.4
2.44		636	-274437.5	-956854.4	29178.6	-273192.2	-958099.8
2.94		637	-31167.0	-680047.0	33183.5	-29453.5	-681760.5
8.07		6143	-130269.9	-482974.3	51027.1	-123036.0	-490208.2
6.03		6142	-18030.9	-480299.4	49406.6	-12809.4	-485520.9

		NODE	Vxx	Vyy
Max	Cent		-13.6	-172.1
	636		-89.9	-232.9
	637		-89.9	-103.8
	6143		176.1	-103.8
	6142		176.1	-243.6
Min	Cent		-57.9	-516.1
	636		-277.4	-673.3
	637		-277.4	-346.2
	6143		57.9	-346.2
	6142		57.9	-700.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-13.15	INV TO~2	Max	Cent	-400.8	-2703.8	-555.2	-241.5	-2832.2
-8.99			636	-1051.9	-4889.8	-622.6	-953.4	-4988.3
-62.93			637	-1047.7	-294.9	-487.6	9.6	-1316.4
-29.18			6143	1058.1	-113.5	-483.7	2444.4	-389.1
-6.78			6142	1035.6	-5014.9	-626.5	1417.2	-5082.9
-12.85		Min	Cent	-1971.7	-13801.9	-2846.6	-1322.3	-14451.3
-8.84			636	-4945.3	-24963.9	-3191.2	-4448.9	-25460.3
-57.27			637	-4924.0	-2640.0	-2502.1	-1031.6	-6532.4
-22.21			6143	131.1	-2000.5	-2482.3	900.1	-3386.8
-7.15			6142	126.0	-25603.4	-3210.9	361.6	-25984.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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27.08	Max	Cent	-35901.8	-220978.0	225076.0	29580.9	-286460.7
18.91		636	-94894.5	-329518.3	155504.3	-63683.8	-360729.0
20.13		637	8276.2	-222978.7	168542.6	44167.2	-258869.7
33.54		6143	-43069.1	-164931.9	256178.1	52396.0	-260397.0
30.19		6142	1933.0	-161473.9	255610.4	85498.6	-245039.6
12.60	Min	Cent	-184177.1	-1140700.2	44185.2	-133862.0	-1191015.3
7.15		636	-471191.8	-1691134.9	29178.6	-451681.9	-1710644.8
2.94		637	-36397.8	-1186913.2	33183.5	-29453.5	-1211095.3
19.74		6143	-222838.8	-844855.2	51027.1	-130916.1	-936777.9
6.03		6142	-18030.9	-839548.7	49406.6	-12809.4	-912214.6

	NODE	Vxx	Vyy
Max	Cent	-13.6	-172.1
	636	-89.9	-232.9
	637	-89.9	-103.8
	6143	309.0	-103.8
	6142	309.0	-243.6
Min	Cent	-82.8	-915.8
	636	-467.5	-1203.0
	637	-467.5	-604.8
	6143	57.9	-604.8
	6142	57.9	-1250.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6343	1	5	c mob-a	Max	Cent	22.9	32.8	662.9	690.8	-635.1
45.21					637	17.1	30.4	666.6	690.4	-642.9
45.29					638	17.1	111.1	659.2	725.0	-596.8
47.04					6144	39.0	117.1	659.1	738.2	-582.2
46.69					6143	39.0	30.6	666.7	701.5	-631.9
44.82				Min	Cent	-830.3	-479.5	-25.9	-477.6	-832.2
-85.80					637	-951.3	-767.7	-25.9	-764.1	-954.9
-82.11					638	-951.2	-226.4	-25.9	-225.4	-952.1
-87.96					6144	-771.7	-218.7	-25.9	-217.5	-772.9
-87.32					6143	-771.8	-777.7	-25.9	-748.6	-800.8
-41.74										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	1479.1	5696.1	71540.3	75158.9	-67983.8
45.84					637	2706.2	10231.6	44367.0	50995.2	-38057.3
47.42					638	5612.1	9497.8	46090.4	53686.3	-38576.4

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46.21							
		6144	1480.0	2617.3	95245.1	97295.4	-93198.2
45.17							
		6143	1950.9	4244.4	95042.5	98147.1	-91951.9
45.35							
	Min	Cent	-96897.0	-238524.3	-1683.4	-96877.0	-238544.3
-0.68							
		637	-168473.6	-350452.3	-2013.2	-168451.4	-350474.6
-0.63							
		638	-52155.3	-231169.2	-2190.7	-52128.4	-231196.0
-0.70							
		6144	-80771.8	-139509.8	-1568.6	-80730.0	-139551.6
-1.53							
		6143	-90676.2	-233172.2	-1466.1	-90661.1	-233187.2
-0.59							

		NODE	Vxx	Vyy
Max	Cent		4.3	12.6
		637	10.9	13.7
		638	10.9	11.6
		6144	21.3	11.8
		6143	21.3	13.7
Min	Cent		-93.8	-157.9
		637	-206.9	-163.4
		638	-206.9	-155.0
		6144	-4.8	-149.8
		6143	-4.8	-163.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
45.02	c mob-b	Max	Cent	20.0	20.6	596.3	616.6	-576.0
44.91								
47.32								
47.06								
44.51								
-88.87		Min	Cent	-900.3	-420.5	-9.5	-420.3	-900.5
-88.40								
-89.36								
-89.06								
-79.78								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
46.08		Max	Cent	1168.7	6423.7	69904.8	73750.3	-66158.0
47.96								
46.76								
45.20								
45.34								

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-0.49	Min	Cent	-94446.6	-231681.9	-1172.5	-94436.6	-231691.9
-0.47		637	-164586.3	-340649.5	-1437.2	-164574.5	-340661.2
-0.51		638	-49868.8	-224413.0	-1555.2	-49855.0	-224426.9
-1.26		6144	-78828.7	-135577.6	-1245.4	-78801.3	-135604.9
-0.49		6143	-88196.5	-226271.5	-1184.0	-88186.4	-226281.7

	NODE	Vxx	Vyy
Max	Cent	3.3	12.3
	637	8.1	13.0
	638	8.1	11.6
	6144	20.6	11.7
	6143	20.6	13.0
Min	Cent	-92.9	-153.5
	637	-204.0	-159.0
	638	-204.0	-150.7
	6144	-4.4	-145.5
	6143	-4.4	-159.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
54.62	pp	Cent	-2203.9	-1078.5	1611.6	65.9	-3348.2
46.89		637	-2130.2	-1915.3	1622.3	-396.9	-3648.6
60.26		638	-2129.9	-241.6	1601.0	672.9	-3044.4
61.42		6144	-2278.4	-212.9	1600.6	659.2	-3150.5
47.94		6143	-2278.7	-1944.0	1622.7	-480.1	-3742.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
22.80	Cent	-267323.4	-655809.4	198303.2	-183979.5	-739153.3
12.88	637	-465316.0	-966865.9	121016.4	-437643.4	-994538.5
13.31	638	-130548.1	-629092.8	124920.3	-100998.3	-658642.6
36.56	6144	-223454.1	-384503.4	265536.3	-26501.3	-581456.2
26.81	6143	-251427.6	-643091.0	265843.2	-117073.5	-777445.1

	NODE	Vxx	Vyy
	Cent	-253.2	-430.0
	637	-554.1	-448.0
	638	-554.1	-419.6
	6144	51.0	-404.2
	6143	51.0	-448.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	115.7	61.1	-67.4	161.1	15.7

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-33.99							
	637	152.5	84.0	-67.7	194.1	42.4	
-31.57							
	638	152.5	38.3	-67.1	183.5	7.3	
-24.80							
	6144	78.4	37.5	-67.1	128.1	-12.2	
-36.53							
	6143	78.4	84.7	-67.7	149.3	13.8	
-46.34							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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	Cent	975.3	2843.8	-1675.0	3827.5	-8.4	
-59.58							
	637	2680.9	4547.4	-1237.5	5164.1	2064.2	
-63.51							
	638	-522.3	2362.5	-1245.5	2825.8	-985.6	
-69.60							
	6144	760.2	1539.1	-2019.6	3206.5	-907.1	
-50.46							
	6143	988.9	2928.0	-2038.0	4215.3	-298.4	
-57.72							

	NODE	Vxx	Vyy
	Cent	2.8	1.9
	637	5.7	2.0
	638	5.7	1.8
	6144	-0.1	1.6
	6143	-0.1	2.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	cedime~1	Cent	101.0	138.7	-124.3	245.6	-5.9
-49.31							
		637	169.7	162.9	-124.6	290.9	41.6
-44.21							
		638	169.7	114.5	-124.0	269.1	15.1
-38.72							
		6144	31.5	113.7	-124.0	203.2	-58.0
-54.17							
		6143	31.5	163.7	-124.6	238.7	-43.4
-58.97							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
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		Cent	-4347.3	-6783.0	1174.0	-3873.6	-7256.7
21.98							
		637	-5907.1	-8986.3	661.3	-5771.1	-9122.3
11.62							
		638	-3290.5	-6959.8	692.3	-3164.3	-7086.0
10.34							
		6144	-4390.4	-4676.8	1606.3	-2920.9	-6146.3
42.45							
		6143	-3815.1	-6510.4	1617.9	-3057.1	-7268.4
25.10							

	NODE	Vxx	Vyy
	Cent	-1.3	-3.6
	637	-4.6	-3.3
	638	-4.6	-4.0

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6144 2.0 -3.8
6143 2.0 -3.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
60.56	perm	Cent	-698.9	-243.3	377.2	-30.4	-911.8
55.11		637	-747.3	-467.4	380.1	-202.3	-1012.4
67.10		638	-747.2	-19.2	374.4	139.0	-905.4
65.23		6144	-650.0	-11.5	374.3	161.2	-822.7
51.48		6143	-650.1	-475.1	380.2	-172.4	-952.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
23.45	Cent	-73468.8	-178545.2	56136.8	-49120.0	-202894.0
13.81	637	-130636.8	-264077.8	34901.5	-122059.6	-272655.0
13.87	638	-33246.0	-170444.1	36080.1	-24336.3	-179353.8
36.90	6144	-61444.2	-104721.8	74444.0	-5557.8	-160608.2
27.26	6143	-68938.7	-175023.4	74437.7	-30578.3	-213383.8

NODE	Vxx	Vyy
Cent	-75.0	-117.1
637	-163.1	-122.3
638	-163.1	-114.1
6144	14.1	-109.6
6143	14.1	-122.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
51.22	INV TO~1 Max	Cent	-567.0	-60.3	1272.2	861.8	-1489.1
48.59		637	-554.5	-263.5	1280.0	755.5	-1573.5
54.66		638	-554.4	245.3	1264.3	1053.8	-1363.0
53.20		6144	-565.9	260.2	1264.0	1092.2	-1365.4
46.83		6143	-566.0	-270.1	1280.3	767.3	-1583.1
73.11	Min	Cent	-1914.3	-890.6	218.0	-786.7	-2018.2
66.34		637	-2140.1	-1503.8	220.5	-1352.6	-2291.3
79.75		638	-2139.9	-324.8	215.4	-263.4	-2201.3
76.95		6144	-1691.8	-306.8	215.4	-228.1	-1770.5
51.80		6143	-1692.0	-1525.0	220.6	-1253.3	-1963.6

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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ANGLE

ANGLE								
36.07	Max	Cent	-71472.0	-169873.2	153890.2	39773.5	-281118.7	
28.61		637	-126983.4	-249075.8	95458.2	-75277.2	-300782.0	
28.12		638	-25669.7	-157121.2	98994.4	26855.1	-209646.0	
42.07		6144	-59446.3	-101188.5	204631.2	123777.5	-284412.2	
37.87		6143	-66305.0	-169293.5	204363.0	91383.1	-326981.6	
10.11	Min	Cent	-208627.0	-507335.9	53864.2	-198808.8	-517154.2	
4.88		637	-363983.2	-746174.7	32183.7	-361181.1	-748976.8	
5.01		638	-106946.2	-489482.4	33122.7	-103980.0	-492448.5	
25.14		6144	-174876.6	-297736.8	72326.4	-140183.4	-332430.1	
13.10		6143	-195166.7	-496316.2	72458.5	-177931.8	-513551.0	

	NODE	Vxx	Vyy
Max	Cent	-69.2	-100.1
	637	-148.4	-103.8
	638	-148.4	-98.4
	6144	44.9	-93.7
	6143	44.9	-103.8
Min	Cent	-202.9	-333.8
	637	-447.0	-346.2
	638	-447.0	-327.3
	6144	7.7	-315.6
	6143	7.7	-346.2

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
51.22	INV TO~2	Max	Cent	-567.0	-60.3	2175.7	861.8	-1489.1
48.59			637	-554.5	-263.5	2190.1	755.5	-1573.5
54.66			638	-554.4	245.3	2161.3	1053.8	-1363.0
53.20			6144	-565.9	260.2	2160.8	1092.2	-1365.4
46.83			6143	-566.0	-270.1	2190.6	767.3	-1583.1
73.11		Min	Cent	-2975.3	-1455.9	218.0	-786.7	-4520.1
66.34			637	-2875.8	-2585.7	220.5	-1352.6	-4925.7
79.75			638	-2875.4	-326.2	215.4	-263.4	-4110.0
76.95			6144	-3075.9	-306.8	215.4	-228.1	-4253.2
51.80			6143	-3076.2	-2624.4	220.6	-1253.3	-5052.6

ANGLE

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
36.07	Max	Cent	-71472.0	-169873.2	267709.3	39773.5	-281118.7

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28.61	637	-126983.4	-249075.8	163372.1	-75277.2	-300782.0
28.12	638	-25669.7	-157121.2	168642.4	26855.1	-209646.0
42.07	6144	-59446.3	-101188.5	358473.9	123777.5	-284412.2
37.87	6143	-66305.0	-169293.5	358888.3	91383.1	-326981.6
22.80	Min Cent	-360886.6	-885342.6	53864.2	-248372.3	-997856.9
12.88	637	-628176.6	-1305268.9	32183.7	-590818.6	-1342626.9
13.31	638	-176239.9	-849275.3	33122.7	-136347.7	-889167.5
25.14	6144	-301663.0	-519079.6	72326.4	-140183.4	-784965.8
13.10	6143	-339427.3	-868172.9	72458.5	-177931.8	-1049550.9

	NODE	Vxx	Vyy
Max	Cent	-69.2	-100.1
	637	-148.4	-103.8
	638	-148.4	-98.4
	6144	68.9	-93.7
	6143	68.9	-103.8
Min	Cent	-341.8	-580.5
	637	-748.0	-604.8
	638	-748.0	-566.5
	6144	7.7	-545.7
	6143	7.7	-604.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6344	1	5	c mob-a	Max Cent	34.2	40.5	1046.6	1083.9	-1009.3
45.09				638	15.6	95.0	1048.6	1104.7	-994.1
46.08				639	15.6	10.7	1044.5	1057.7	-1031.4
44.93				6145	64.7	10.6	1044.4	1082.4	-1007.1
44.26				6144	64.7	97.5	1048.7	1130.0	-967.8
45.45				Min Cent	-1107.6	-175.0	-34.5	-173.8	-1108.8
-87.88				638	-1731.7	-246.4	-34.8	-245.6	-1732.5
-88.66				639	-1731.8	-112.9	-34.2	-112.2	-1732.5
-88.79				6145	-763.1	-110.8	-34.2	-109.0	-764.9
-87.01				6144	-763.3	-249.5	-34.8	-247.2	-765.7
-86.14									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max Cent	1968.7	4219.5	49737.3	52844.1	-46655.9
45.65				638	2634.7	8723.5	40682.5	46475.3	-35117.2
47.14				639	3294.0	5047.3	30410.9	34594.2	-26252.9
45.83				6145	1926.3	1880.9	55649.5	57553.2	-53745.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.99								
45.15		6144	2184.8	2900.6	69027.9	71571.5	-66486.1	
-3.10	Min	Cent	-139195.5	-173311.3	-1854.8	-139095.0	-173411.8	
-1.39			638	-166081.9	-253595.5	-2117.4	-166030.7	-253646.7
-1.46			639	-94732.4	-186586.9	-2348.0	-94672.5	-186646.9
-88.38			6145	-147648.0	-97812.3	-1414.7	-97772.2	-147688.2
-24.37			6144	-152976.2	-155535.5	-1458.9	-152315.2	-156196.5

	NODE	Vxx	Vyy
Max	Cent	6.6	8.1
	638	13.9	11.7
	639	13.9	4.7
	6145	16.1	4.7
	6144	16.1	11.8
Min	Cent	-65.3	-153.1
	638	-141.2	-153.2
	639	-141.2	-158.3
	6145	-4.7	-151.1
	6144	-4.7	-149.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
45.15	c mob-b	Max	Cent	28.5	38.6	960.1	993.7	-926.5
46.15			638	16.6	93.8	961.4	1017.4	-907.0
44.89			639	16.6	9.4	958.8	971.8	-945.8
44.44			6145	47.3	9.5	958.7	987.3	-930.5
45.73			6144	47.3	96.3	961.5	1033.6	-890.0
-89.34		Min	Cent	-1208.7	-145.3	-12.2	-145.2	-1208.9
-89.58			638	-1870.8	-197.4	-12.3	-197.3	-1870.9
-89.61			639	-1871.0	-101.0	-12.1	-100.9	-1871.0
-88.85			6145	-700.7	-99.5	-12.1	-99.3	-700.9
-88.60			6144	-700.8	-199.6	-12.3	-199.3	-701.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
45.92	Max	Cent	1710.4	4851.6	48698.4	52004.7	-45442.7	
47.64			638	2045.7	9415.7	39897.1	45797.6	-34336.2
46.50			639	2650.6	5791.6	30034.2	34296.3	-25854.2
45.06			6145	1698.3	1925.2	54449.8	56261.7	-52638.2
45.18			6144	1822.8	2685.5	67486.8	69742.3	-65234.0
-2.66	Min	Cent	-135412.4	-168412.6	-1537.8	-135340.9	-168484.1	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.14	638	-162063.3	-246613.1	-1679.4	-162029.9	-246646.4
-1.18	639	-90951.0	-181078.4	-1864.0	-90912.5	-181117.0
-88.52	6145	-143652.6	-95097.0	-1258.8	-95064.4	-143685.2
-23.61	6144	-148813.4	-151107.4	-1239.6	-148271.6	-151649.2

	NODE	Vxx	Vyy
Max	Cent	5.6	8.5
	638	11.7	11.7
	639	11.7	5.3
	6145	15.6	5.5
	6144	15.6	11.8
Min	Cent	-66.3	-148.9
	638	-140.9	-148.9
	639	-140.9	-154.1
	6145	-5.3	-146.7
	6144	-5.3	-145.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
58.57	pp	Cent	-3068.6	-299.2	2701.0	1351.4	-4719.2
62.51		638	-4104.7	-319.1	2701.8	1087.0	-5510.8
62.66		639	-4104.6	-279.3	2700.2	1117.0	-5501.0
53.93		6145	-2018.0	-278.4	2700.2	1688.6	-3985.0
53.72		6144	-2018.1	-320.0	2701.9	1663.1	-4001.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
35.66	Cent	-382587.9	-474434.9	135815.7	-285141.6	-571881.1
21.43	638	-458246.4	-695186.8	109901.5	-415119.8	-738313.5
15.87	639	-247360.3	-506797.7	80212.0	-224563.7	-529594.2
57.11	6145	-405960.6	-267777.9	153577.8	-168465.7	-505272.9
44.53	6144	-422273.0	-428514.6	191417.5	-233950.8	-616836.7

	NODE	Vxx	Vyy
	Cent	-163.8	-416.2
	638	-359.2	-414.7
	639	-359.2	-433.8
	6145	34.3	-411.4
	6144	34.3	-404.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-27.83	vento -y	Cent	188.4	27.5	-117.7	250.6	-34.7
		638	292.0	47.9	-118.6	340.1	-0.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-22.09		639	291.9	7.1	-116.9	333.8	-34.8
-19.69		6145	83.4	6.2	-116.9	167.9	-78.3
-35.86		6144	83.5	48.8	-118.6	186.0	-53.8
-40.84							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-49.25		Cent	1180.3	1618.3	-1463.9	2879.5	-80.9
-47.68		638	2810.2	3030.9	-1176.6	4102.4	1738.8
-65.08		639	-747.1	1087.0	-1087.0	1592.1	-1252.2
-41.75		6145	999.0	625.1	-1642.6	2465.3	-841.2
-45.51		6144	1670.0	1734.3	-1791.5	3493.9	-89.6

	NODE	Vxx	Vyy

	Cent	3.8	1.6
	638	6.6	1.8
	639	6.6	1.5
	6145	1.0	1.2
	6144	1.0	1.7

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-34.12	cedime~1	Cent	231.4	69.0	-203.3	369.2	-68.7
-30.29		638	365.1	132.7	-206.0	485.4	12.5
-24.07		639	364.9	5.3	-200.7	454.6	-84.4
-38.46		6145	95.8	2.6	-200.6	255.2	-156.7
-47.73		6144	96.0	135.5	-206.1	322.8	-91.3

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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50.91		Cent	-6929.8	-6692.2	567.4	-6231.3	-7390.7
25.84		638	-5926.5	-7465.5	973.6	-5455.0	-7937.0
14.72		639	-7278.9	-9331.3	579.0	-7126.8	-9483.4
87.43		6145	-8463.5	-4890.4	160.8	-4883.1	-8470.7
63.63		6144	-6113.2	-5074.1	683.2	-4735.3	-6452.0

	NODE	Vxx	Vyy

	Cent	3.6	-5.6
	638	2.0	-3.8
	639	2.0	-7.4
	6145	5.2	-7.2
	6144	5.2	-3.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
62.02	perm	Cent	-954.6	-53.1	667.4	301.5	-1309.2	
67.58		638	-1386.0	-44.0	667.1	231.2	-1661.2	
67.37		639	-1386.0	-62.2	667.8	216.2	-1664.4	
54.40		6145	-517.2	-62.6	667.8	415.6	-995.3	
54.77		6144	-517.1	-43.6	667.1	427.4	-988.2	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
36.29		Cent	-104032.6	-128636.2	39218.2	-75232.1	-157436.7	
23.05		638	-128222.3	-189592.9	31895.8	-114647.8	-203167.4	
16.64		639	-63234.2	-135887.4	23848.2	-56105.5	-143016.1	
56.56		6145	-110187.8	-72550.7	44081.9	-43438.6	-139299.9	
44.67		6144	-115429.0	-116665.0	54439.7	-61603.9	-170490.2	
		NODE	Vxx	Vyy				
		Cent	-52.8	-112.6				
		638	-112.5	-112.8				
		639	-112.5	-117.3				
		6145	7.8	-110.5				
		6144	7.8	-109.7				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
51.17	INV TO~1	Max	Cent	-677.1	70.6	2080.3	1676.0	-2217.1
53.97			638	-998.5	216.9	2082.7	1581.9	-2363.5
53.78		639	-998.7	-42.5	2077.9	1473.8	-2457.7	
47.62		6145	-334.0	-45.7	2077.8	1847.5	-1580.9	
48.54		6144	-333.8	223.5	2082.8	1928.0	-1580.0	
79.32	Min	Cent	Cent	-2586.4	-289.4	417.5	-141.6	-2743.5
80.33			638	-3911.6	-376.7	414.1	-271.1	-4017.3
82.92		639	-3911.8	-214.7	420.9	-157.1	-4013.6	
72.93		6145	-1547.4	-212.2	421.1	-80.3	-2325.6	
72.77		6144	-1547.6	-380.4	414.0	-116.6	-2269.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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42.22          Max   Cent  -101374.8  -122086.6  106930.9   -4864.2   -218597.2
36.63          638  -124665.5  -176881.6   87790.8   -60115.6  -241431.5
30.95          639   -58787.3  -128068.8   65481.9   -19859.2  -166996.9
49.49          6145  -107587.3   -69951.6  119369.6   31915.4  -209454.3
44.97          6144  -112479.5  -112749.3  148310.5   35013.0  -260241.7
23.32          Min   Cent  -298876.3  -369298.6   36714.2  -282806.4  -385368.5
9.17           638  -358359.3  -539412.4   29037.3  -353514.4  -544257.2
6.04           639  -198401.8  -397111.1   20678.4  -196153.2  -399359.7
71.02          6145  -317976.2  -209487.6   42172.1  -194924.1  -332539.7
44.02          6144  -328060.0  -331712.1   52470.1  -276701.4  -383070.8
    
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                NODE      Vxx      Vyy
-----
Max   Cent      -40.3     -101.1
      638       -91.7     -97.0
      639       -91.7    -110.1
      6145        34.7    -103.1
      6144        34.7     -93.8
Min   Cent     -142.2    -324.9
      638     -303.1    -323.4
      639     -303.1    -338.4
      6145         0.6    -321.6
      6144         0.6    -315.9
    
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                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
INV TO~2  Max   Cent     -677.1     70.6     3646.4     1824.4    -2217.1
58.57          638     -998.5     216.9     3647.5     1581.9    -2363.5
53.97          639     -998.7     -42.5     3645.3     1508.0    -2457.7
62.66          6145    -334.0     -45.7     3645.2     2279.6    -1580.9
53.93          6144    -333.8     223.5     3647.5     2245.2    -1580.0
53.72          Min   Cent    -4142.6    -403.9     417.5     -141.6    -6370.9
79.32          638    -5541.4    -430.8     414.1     -271.1    -7439.6
80.33          639    -5541.3    -377.0     420.9     -157.1    -7426.3
82.92          6145    -2724.3    -375.9     421.1     -80.3     -5379.8
72.93          6144    -2724.4    -432.0     414.0     -116.6    -5401.6
72.77
    
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                NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
Max   Cent     -101374.8  -122086.6  183351.2   -4864.2  -218597.2
42.22          638  -124665.5  -176881.6  148367.1  -60115.6  -241431.5
36.63
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

30.95			639	-58787.3	-128068.8	108286.1	-19859.2	-166996.9
49.49			6145	-107587.3	-69951.6	207330.1	31915.4	-209454.3
44.97			6144	-112479.5	-112749.3	258413.7	35013.0	-260241.7
35.66		Min	Cent	-516493.6	-640487.1	36714.2	-384941.2	-772039.5
21.43			638	-618632.7	-938502.2	29037.3	-560411.7	-996723.2
15.87			639	-333936.4	-684176.9	20678.4	-303161.0	-714952.2
57.11			6145	-548046.9	-361500.1	42172.1	-227428.6	-682118.4
44.53			6144	-570068.5	-578494.7	52470.1	-315833.6	-832729.6

	NODE	Vxx	Vyy
Max	Cent	-40.3	-101.1
	638	-91.7	-97.0
	639	-91.7	-110.1
	6145	46.4	-103.1
	6144	46.4	-93.8
Min	Cent	-221.1	-561.9
	638	-484.9	-559.8
	639	-484.9	-585.6
	6145	0.6	-555.4
	6144	0.6	-546.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6345	1	5	c mob-a	Max	Cent	40.9	12.1	1114.0	1140.6	-1087.6
44.63					639	21.7	36.2	1117.3	1146.2	-1088.3
45.18					640	21.7	23.1	1110.7	1133.1	-1088.3
45.02					6146	597.0	20.5	1111.5	1457.0	-839.5
37.73					6145	597.0	10.2	1116.5	1458.0	-850.8
37.64				Min	Cent	-1024.6	-920.2	-33.1	-910.6	-1034.2
-73.82					639	-2779.9	-30.2	-33.1	-29.8	-2780.3
-89.31					640	-2779.9	-1845.8	-33.0	-1844.6	-2781.1
-87.98					6146	-78.4	-1624.5	-33.1	-77.7	-1625.2
-1.22					6145	-78.4	-216.2	-33.1	-70.9	-223.8
-12.83										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	2148.8	3075.4	18388.3	21006.3	-15782.0
45.72		639	2274.6	4878.7	19804.6	23423.9	-16270.7
46.88		640	2196.5	4143.2	12461.9	15669.8	-9330.0
47.23		6146	2187.4	1983.0	19326.7	21412.1	-17241.7
44.85		6145	2171.0	2005.3	21374.5	23462.8	-19286.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.89								
	Min	Cent	-152902.0	-149768.4	-1982.3	-148808.5	-153861.9	
-64.16			639	-153381.4	-199184.5	-1919.5	-153301.1	-199264.8
-2.40			640	-139444.2	-193095.4	-2149.3	-139358.2	-193181.4
-2.29			6146	-156556.1	-101189.4	-2058.1	-101113.0	-156632.5
-87.87			6145	-155827.4	-104179.2	-2033.4	-104099.2	-155907.3
-87.75								

		NODE	Vxx	Vyy
Max	Cent		7.3	4.1
		639	16.8	4.6
		640	16.8	3.7
		6146	9.3	3.6
		6145	9.3	4.9
Min	Cent		-42.2	-152.2
		639	-94.0	-154.7
		640	-94.0	-149.6
		6146	-4.2	-153.1
		6145	-4.2	-151.6

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	39.5	10.5	1044.2	1069.4	-1019.3
44.60			639	23.9	38.1	1047.4	1078.4	-1016.4
45.19			640	23.9	20.3	1041.1	1063.2	-1019.0
44.95			6146	682.3	17.9	1041.8	1443.6	-743.4
36.16			6145	682.3	9.0	1046.7	1445.1	-753.8
36.09		Min	Cent	-1145.1	-886.7	-12.0	-886.2	-1145.7
-87.34			639	-3137.1	-17.7	-12.1	-17.7	-3137.2
-89.78			640	-3137.1	-1785.0	-12.0	-1784.9	-3137.3
-89.49			6146	-48.9	-1570.2	-12.0	-48.8	-1570.3
-0.45			6145	-48.9	-203.6	-12.0	-48.0	-204.5
-4.43								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	2027.4	3436.7	18570.0	21315.5	-15851.4
46.09			639	1914.9	5544.2	19740.9	23553.6	-16094.6
47.63			640	2291.5	4246.8	12469.5	15776.9	-9238.6
47.24			6146	1906.5	1952.8	19693.7	21623.4	-17764.0
45.03			6145	2059.6	2118.7	21643.7	23732.8	-19554.6
45.04		Min	Cent	-148551.1	-145423.3	-1844.3	-144569.2	-149405.3
-65.15			639	-149826.3	-193685.5	-1696.4	-149760.7	-193751.1
-2.21								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.09	640	-134748.8	-187220.8	-1916.0	-134678.9	-187290.6
-87.94	6146	-152100.8	-98157.0	-1938.8	-98087.4	-152170.3
-87.80	6145	-151393.1	-101233.2	-1932.8	-101158.8	-151467.5

	NODE	Vxx	Vyy
Max	Cent	6.3	4.6
	639	14.5	5.2
	640	14.5	4.1
	6146	8.2	3.7
	6145	8.2	5.7
Min	Cent	-46.5	-147.8
	639	-100.2	-150.5
	640	-100.2	-144.9
	6146	-4.7	-148.6
	6145	-4.7	-147.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
44.98	pp	Cent	-2708.9	-2713.7	3021.8	310.4	-5733.1
70.14		639	-7245.0	51.3	3031.6	1146.5	-8340.2
53.17		640	-7245.1	-5478.7	3011.9	-3223.2	-9500.6
21.98		6146	1434.3	-4817.6	3014.2	2650.9	-6034.1
35.68		6145	1434.4	-609.9	3029.3	3609.3	-2784.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
48.07	Cent	-418276.4	-408239.3	46661.1	-366327.6	-460188.1
20.59	639	-425248.4	-545130.5	52443.9	-405544.6	-564834.2
10.62	640	-373608.8	-523978.0	29219.8	-368130.3	-529456.4
73.88	6146	-428251.4	-275164.2	48273.0	-261213.6	-442202.0
71.24	6145	-426294.3	-284739.0	54337.1	-266286.7	-444746.7

	NODE	Vxx	Vyy
	Cent	-86.4	-414.6
	639	-196.5	-424.6
	640	-196.5	-403.9
	6146	14.2	-417.4
	6145	14.2	-412.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-32.21	vento -y	Cent	180.6	28.5	-158.9	280.7	-71.5
-16.61		639	491.2	5.8	-158.9	538.6	-41.6
		640	491.2	51.3	-158.8	542.6	0.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-17.91		6146	-103.2	45.9	-158.8	146.8	-204.1
-57.57		6145	-103.2	11.2	-158.9	122.9	-214.9
-54.90							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	719.7	779.7	-1222.8	1972.8	-473.5
-45.70		639	1828.8	1600.3	-1016.1	2737.0	692.1
-41.79		640	-474.1	524.3	-961.2	1108.2	-1058.0
-58.72		6146	575.9	350.2	-1377.0	1844.7	-918.6
-42.66		6145	904.1	634.4	-1391.2	2167.0	-628.5
-42.23							

	NODE	Vxx	Vyy
	Cent	4.5	0.9
	639	8.6	1.7
	640	8.6	0.2
	6146	0.8	0.7
	6145	0.8	1.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	cedime~1	Cent	214.2	-55.3	-268.6	379.9	-221.0
-31.68		639	633.8	12.1	-268.3	733.6	-87.7
-20.40		640	633.8	-122.8	-268.8	719.6	-208.6
-17.70		6146	-169.1	-106.7	-268.7	132.7	-408.4
-48.31		6145	-169.1	-4.0	-268.4	194.2	-367.3
-53.55							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	-9312.7	-8162.4	-975.1	-7605.5	-9869.6
-60.27		639	-7852.4	-9535.3	-136.5	-7841.4	-9546.3
-4.61		640	-10180.0	-11781.6	-560.2	-10003.5	-11958.1
-17.49		6146	-10349.5	-6152.8	-1526.3	-5656.4	-10845.9
-71.98		6145	-8494.7	-5107.2	-1431.5	-4583.3	-9018.5
-69.90							

	NODE	Vxx	Vyy
	Cent	6.3	-8.2
	639	7.7	-7.1
	640	7.7	-9.2
	6146	5.1	-9.1
	6145	5.1	-7.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
48.07	perm	Cent	-876.3	-704.8	796.0	10.1	-1591.2
73.11		639	-2370.4	16.9	798.6	259.4	-2612.9
60.37		640	-2370.4	-1426.5	793.5	-975.2	-2821.7
21.18		6146	488.3	-1253.9	794.1	795.9	-1561.5
34.01		6145	488.4	-155.7	798.0	1026.9	-694.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
47.94		Cent	-112693.0	-109656.3	14758.9	-96337.9	-126011.5
22.96		639	-116754.4	-147380.4	15814.0	-110054.4	-154080.4
12.35		640	-98268.9	-139686.0	9526.9	-96182.6	-141772.3
71.61		6146	-115189.4	-73462.3	15590.9	-68280.4	-120371.3
68.96		6145	-115249.6	-77032.6	17255.0	-70394.9	-121887.3
		NODE	Vxx	Vyy			
		Cent	-32.1	-111.3			
		639	-70.2	-114.9			
		640	-70.2	-107.4			
		6146	2.8	-112.0			
		6145	2.8	-110.8			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
45.83	INV TO~1 Max	Cent	-607.0	-688.4	2299.9	1546.1	-2598.9
58.77		639	-1704.2	80.4	2306.9	1467.0	-3037.2
50.81		640	-1704.3	-1395.3	2292.9	474.1	-3637.4
30.06		6146	1409.4	-1226.3	2294.6	2737.6	-2446.2
35.70		6145	1409.5	-141.9	2305.2	3066.0	-707.1
51.01	Min	Cent	-2422.3	-2002.4	482.8	-1611.6	-3055.6
85.37		639	-6605.5	-23.9	485.6	27.6	-6690.8
76.78		640	-6605.5	-4041.1	480.0	-3928.3	-6800.1
7.16		6146	213.4	-3553.6	480.7	273.7	-3614.0
27.78		6145	213.4	-451.6	484.9	468.9	-1798.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	-109792.1	-105016.8	39828.5	-67504.5	-147304.4

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

46.72			639	-113683.8	-139895.8	42550.2	-82266.9	-171312.6
36.44			640	-95175.3	-133952.9	26360.8	-81840.8	-147287.4
26.83			6146	-112236.4	-70785.3	42177.5	-44516.3	-138505.4
58.08			6145	-112318.7	-74172.4	46473.9	-43010.0	-143481.1
56.16		Min	Cent	-328423.5	-320006.1	11107.7	-312336.5	-336093.1
55.38			639	-331671.8	-425814.7	13086.2	-329886.6	-427599.9
7.77			640	-296698.5	-412146.4	6065.2	-296380.8	-412464.2
3.00			6146	-336889.7	-216220.8	11286.3	-215174.3	-337936.2
84.70			6145	-334111.3	-222781.7	13078.5	-221265.9	-335627.0
83.39								

	NODE	Vxx	Vyy
Max	Cent	-15.9	-105.0
	639	-39.8	-107.9
	640	-39.8	-101.8
	6146	20.4	-107.0
	6145	20.4	-103.1
Min	Cent	-94.9	-324.9
	639	-205.5	-330.8
	640	-205.5	-318.5
	6146	-3.6	-327.7
	6145	-3.6	-322.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

45.83	INV TO~2	Max	Cent	-607.0	-688.4	4079.4	1546.1	-2598.9
			639	-1704.2	80.4	4092.7	1547.8	-3037.2
70.14			640	-1704.3	-1395.3	4066.0	474.1	-3637.4
50.81			6146	1936.4	-1226.3	4069.2	3578.7	-2446.2
21.98			6145	1936.4	-141.9	4089.5	4872.6	-707.1
35.68		Min	Cent	-3657.0	-3663.5	482.8	-1611.6	-7739.7
51.01			639	-9780.7	-23.9	485.6	27.6	-11259.3
85.37			640	-9780.8	-7396.3	480.0	-4351.3	-12825.8
53.17			6146	213.4	-6503.7	480.7	273.7	-8146.0
7.16			6145	213.4	-823.4	484.9	468.9	-3759.5
27.78								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

46.72	Max	Cent	-109792.1	-105016.8	62992.5	-67504.5	-147304.4
		639	-113683.8	-139895.8	70799.3	-82266.9	-171312.6
36.44		640	-95175.3	-133952.9	39446.8	-81840.8	-147287.4
26.83							

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	Company		Client	
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58.08			6146	-112236.4	-70785.3	65168.5	-44516.3	-138505.4
56.16			6145	-112318.7	-74172.4	73355.1	-43010.0	-143481.1
48.07		Min	Cent	-564673.1	-551123.0	11107.7	-494542.3	-621253.9
20.59			639	-574085.3	-735926.2	13086.2	-547485.3	-762526.2
10.62			640	-504371.8	-707370.3	6065.2	-496975.9	-714766.1
73.88			6146	-578139.4	-371471.6	11286.3	-352638.3	-596972.8
71.24			6145	-575497.4	-384397.7	13078.5	-359487.0	-600408.1

	NODE	Vxx	Vyy
Max	Cent	-15.9	-105.0
	639	-39.8	-107.9
	640	-39.8	-101.8
	6146	20.4	-107.0
	6145	20.4	-103.1
Min	Cent	-116.7	-559.8
	639	-265.3	-573.2
	640	-265.3	-545.3
	6146	-3.6	-563.5
	6145	-3.6	-557.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6346	1	5	c mob-a	Max	Cent	413.5	16.3	85.9	431.3	-1.5
11.69					640	1176.8	18.4	80.6	1182.4	12.9
3.96					641	1177.7	340.0	92.4	1187.8	329.9
6.22					6147	64.6	385.1	92.8	410.0	39.7
74.95					6146	64.5	19.2	80.3	125.3	-41.6
37.12				Min	Cent	-205.6	-551.3	-451.0	104.6	-861.4
-34.51					640	-332.3	-1309.9	-470.0	-143.0	-1499.3
-21.94					641	-331.4	-62.2	-432.3	256.0	-649.6
-53.65					6147	-390.8	-56.3	-431.2	239.0	-686.1
-55.60					6146	-392.0	-1357.9	-471.2	-200.3	-1549.7
-22.15										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	1931.9	3466.8	2980.4	5777.0	-378.3
52.22					640	4101.2	3930.7	4469.8	8486.5	-454.7
44.45					641	2802.4	7330.4	3214.3	8998.0	1134.9
62.58					6147	2044.8	2685.3	1776.8	4170.5	559.6
50.11					6146	2025.2	1843.3	2407.8	4343.8	-475.3
43.92				Min	Cent	-134526.5	-161809.2	-29655.3	-115525.5	-180810.2

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-32.65		640	-110411.7	-183125.7	-15764.7	-107141.0	-186396.4
-11.72		641	-152924.8	-235820.8	-27707.9	-144516.4	-244229.2
-16.88		6147	-136058.7	-135408.3	-43766.5	-91965.8	-179501.2
-45.21		6146	-146687.2	-93315.2	-27369.5	-81775.1	-158227.3
-67.14							

	NODE	Vxx	Vyy
Max	Cent	21.6	5.7
	640	62.7	3.7
	641	62.7	9.1
	6147	2.7	9.1
	6146	2.7	3.5
Min	Cent	-18.3	-154.2
	640	-25.5	-156.1
	641	-25.5	-154.9
	6147	-28.3	-154.9
	6146	-28.3	-151.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
8.53	c mob-b	Max	Cent	533.1	12.8	79.8	545.1	0.9
3.18			640	1405.5	16.9	77.4	1409.8	12.6
4.23			641	1406.4	293.4	82.7	1412.5	287.3
74.36			6147	62.8	335.6	82.9	358.8	39.6
36.78			6146	62.8	17.2	77.2	120.5	-40.5
-34.20		Min	Cent	-182.1	-541.2	-453.8	126.3	-849.7
-21.86			640	-264.2	-1252.0	-472.3	-74.7	-1441.5
-51.65			641	-263.4	-57.7	-435.4	286.9	-607.9
-55.68			6147	-390.1	-50.5	-434.4	246.1	-686.7
-23.14			6146	-391.3	-1296.9	-473.4	-189.0	-1499.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
51.17	Max	Cent	1640.8	2793.8	2633.0	4912.7	-478.2	
46.05		640	3528.5	3843.9	4317.4	8006.5	-634.1	
52.84		641	3340.2	4898.0	2773.4	6999.9	1238.4	
50.32		6147	1406.8	1960.9	1476.2	3185.8	181.9	
43.99		6146	2076.6	1898.3	2534.6	4523.6	-548.7	
-32.28		Min	Cent	-130439.0	-157069.7	-27987.2	-112761.1	-174747.6
-11.33			640	-108146.7	-177975.0	-14576.2	-105226.1	-180895.6
-16.23			641	-146703.4	-228664.0	-26071.3	-139113.2	-236254.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-45.10	6147	-131915.3	-131618.1	-41750.6	-90015.9	-173517.6
-67.48	6146	-142196.1	-90432.3	-25915.9	-79687.7	-152940.8

	NODE	Vxx	Vyy
Max	Cent	19.5	4.2
	640	57.6	4.1
	641	57.6	6.5
	6147	2.5	6.5
Min	6146	2.5	3.7
	Cent	-20.3	-149.5
	640	-28.9	-151.3
	641	-28.9	-150.1
	6147	-27.6	-150.1
	6146	-27.6	-146.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-20.60	pp	Cent	392.6	-1542.7	-846.9	710.9	-1861.0
-9.43		640	1592.1	-3787.5	-918.8	1744.7	-3940.1
-30.00		641	1596.7	702.1	-775.0	2044.3	254.5
-68.59		6147	-829.9	834.1	-770.8	1136.3	-1132.1
-15.45		6146	-834.7	-3919.5	-923.0	-579.7	-4174.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-30.88	Cent	-365217.3	-439520.1	-69200.0	-323826.5	-480910.9
-8.35	640	-300514.6	-501376.7	-30123.6	-296094.1	-505797.1
-14.27	641	-397371.9	-635769.9	-64837.5	-380879.0	-652262.8
-45.03	6147	-369051.0	-368807.7	-109374.6	-259554.7	-478304.0
-69.36	6146	-398218.7	-252919.6	-63758.6	-228909.3	-422228.9

	NODE	Vxx	Vyy
	Cent	10.9	-416.9
	640	96.8	-422.7
	641	96.8	-416.6
	6147	-76.7	-416.6
	6146	-76.7	-411.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-59.28	vento -y	Cent	-191.8	-34.2	-144.7	51.8	-277.8
-69.88		640	-370.1	-28.4	-144.5	24.6	-423.0
-69.36		641	-370.1	-40.0	-144.9	14.6	-424.7
		6147	-10.1	-40.3	-144.9	120.5	-170.9

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-42.02
-43.22

6146 -10.1 -28.0 -144.5 125.8 -163.8

NODE Mxx Myy Mxy Mmax Mmin

Cent -92.1 -133.6 -1221.6 1108.9 -1334.6

640 2281.8 1051.1 -950.7 2798.9 533.9

641 -2379.2 -1457.8 -952.7 -860.3 -2976.7

6147 -596.2 -407.6 -1353.2 854.6 -1858.4

6146 326.5 275.2 -1315.1 1616.2 -1014.5

NODE Vxx Vyy

Cent 3.5 -0.3

640 5.8 0.3

641 5.8 -1.1

6147 1.1 -1.1

6146 1.1 0.6

LC NODE Fxx Fyy Fxy Fmax Fmin

cedime~1 Cent -391.2 -169.9 -407.6 141.8 -702.9

640 -638.4 -212.2 -409.0 35.9 -886.4

641 -638.3 -127.6 -406.2 96.9 -862.8

6147 -139.4 -125.1 -406.2 274.0 -538.5

6146 -139.5 -214.6 -409.0 233.7 -587.8

NODE Mxx Myy Mxy Mmax Mmin

Cent -10191.6 -12901.8 -3870.0 -7446.3 -15647.1

640 -4290.2 -10491.0 -1623.6 -3890.8 -10890.4

641 -14536.0 -22457.9 -2825.7 -13631.4 -23362.5

6147 -12956.9 -13208.3 -5985.1 -7096.1 -19069.0

6146 -9100.4 -5485.2 -4481.6 -2460.4 -12125.2

NODE Vxx Vyy

Cent 7.2 -11.7

640 10.9 -9.4

641 10.9 -14.2

6147 3.4 -14.2

6146 3.4 -9.0

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	perm		Cent	271.3	-398.8	-207.7	330.4	-458.0
-15.90			640	812.5	-922.1	-224.4	841.1	-950.6
-7.25			641	813.6	124.4	-190.9	863.0	75.1
-14.49			6147	-280.4	155.2	-189.9	226.3	-351.6
-69.45			6146	-281.5	-952.8	-225.4	-212.9	-1021.5
-16.94								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

			Cent	-97265.7	-116953.2	-15586.8	-88674.5	-125544.4
-28.86			640	-85574.0	-135083.2	-5476.6	-84975.4	-135681.7
-6.24			641	-100760.4	-167907.4	-14664.4	-97697.5	-170970.3
-11.80			6147	-97404.9	-97689.6	-26281.5	-71265.4	-123829.1
-44.84			6146	-106462.3	-67340.7	-14303.3	-62669.2	-111133.9
-71.91								
			NODE	Vxx	Vyy			
			Cent	-4.9	-111.2			
			640	11.9	-112.6			
			641	11.9	-110.9			
			6147	-22.2	-110.9			
			6146	-22.2	-110.4			
	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~1	Max	Cent	991.0	-376.9	-91.7	997.1	-383.0
-3.82			640	2710.0	-897.2	-115.6	2713.7	-900.9
-1.83			641	2712.2	583.4	-66.1	2714.3	581.3
-1.78			6147	-193.1	675.0	-64.6	768.8	-197.9
-55.43			6146	-194.4	-926.9	-117.0	-74.5	-945.1
-26.24								
		Min	Cent	-397.5	-1312.9	-1227.8	423.3	-2165.6
-27.64			640	-274.5	-2902.6	-1271.0	239.6	-3416.8
-22.02			641	-272.0	-87.2	-1185.0	999.0	-1368.2
-39.09			6147	-947.4	-46.0	-1182.5	529.7	-1762.1
-59.87			6146	-950.2	-3000.6	-1273.6	-485.8	-3610.4
-20.60								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	-94657.6	-112273.0	-11563.2	-88929.7	-118000.9
-26.35			640	-80037.4	-129776.8	557.7	-80031.2	-129783.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.64		641	-96251.1	-158011.4	-10325.2	-94570.6	-159691.9
-9.24		6147	-94644.4	-94064.5	-23882.8	-70469.9	-118239.0
-45.35		6146	-103659.0	-64778.1	-10881.6	-61939.8	-106497.2
-75.38	Min	Cent	-289068.0	-348297.5	-59491.4	-252227.7	-385137.7
-31.77		640	-238920.0	-392793.8	-28382.5	-233851.7	-397862.1
-10.12		641	-321744.9	-508723.4	-54895.8	-306819.3	-523649.0
-15.21		6147	-294041.0	-293699.1	-91351.4	-202518.5	-385221.6
-45.05		6146	-313590.5	-198801.4	-55733.7	-176193.6	-336198.3
-67.92							

	NODE	Vxx	Vyy
Max	Cent	31.4	-103.5
	640	107.4	-107.1
	641	107.4	-98.7
	6147	-15.1	-98.7
	6146	-15.1	-105.5
Min	Cent	-32.4	-331.0
	640	-27.1	-332.8
	641	-27.1	-334.2
	6147	-60.4	-334.2
	6146	-60.4	-323.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-----	INV TO~2	Max	Cent	991.0	-376.9	-91.7	997.1	-383.0
-3.82			640	2710.0	-897.2	-115.6	2713.7	-900.9
-1.83			641	2712.2	947.8	-66.1	2759.8	581.3
-30.00			6147	-193.1	1126.0	-64.6	1534.0	-197.9
-68.59			6146	-194.4	-926.9	-117.0	-74.5	-945.1
-26.24		Min	Cent	-397.5	-2082.7	-1227.8	423.3	-2512.3
-27.64			640	-274.5	-5113.2	-1271.0	239.6	-5319.2
-22.02			641	-272.0	-87.2	-1185.0	999.0	-1368.2
-39.09			6147	-1120.3	-46.0	-1182.5	529.7	-1762.1
-59.87			6146	-1126.9	-5291.3	-1273.6	-782.5	-5635.7
-15.45								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-----	Max	Cent	-94657.6	-112273.0	-11563.2	-88929.7	-118000.9	
-26.35			640	-80037.4	-129776.8	557.7	-80031.2	-129783.0
0.64			641	-96251.1	-158011.4	-10325.2	-94570.6	-159691.9
-9.24			6147	-94644.4	-94064.5	-23882.8	-70469.9	-118239.0
-45.35								

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-75.38			6146	-103659.0	-64778.1	-10881.6	-61939.8	-106497.2
-30.88	Min	Cent		-493043.3	-593352.2	-93420.0	-437165.8	-649229.7
-8.35			640	-405694.6	-676858.5	-40666.9	-399727.1	-682826.1
-14.27			641	-536452.1	-858289.4	-87530.6	-514186.6	-880554.8
-45.03			6147	-498218.9	-497890.4	-147655.7	-350398.9	-645710.4
-69.36			6146	-537595.2	-341441.4	-86074.1	-309027.6	-570009.1

	NODE	Vxx	Vyy
Max	Cent	31.4	-103.5
	640	130.7	-107.1
	641	130.7	-98.7
	6147	-15.1	-98.7
	6146	-15.1	-105.5
Min	Cent	-32.4	-562.8
	640	-27.1	-570.7
	641	-27.1	-562.4
	6147	-103.5	-562.4
	6146	-103.5	-555.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6347	1	5	c mob-a	Max	Cent	280.8	146.0	49.1	296.8	130.0
18.04					641	627.2	345.0	49.1	635.5	336.7
9.60					642	627.2	58.0	49.1	631.4	53.8
4.90					6148	110.3	58.0	49.1	139.8	28.5
30.98					6147	110.3	345.0	49.1	354.9	100.4
78.64				Min	Cent	-241.6	-191.3	-406.7	191.0	-623.9
-46.77					641	-165.8	-49.4	-406.7	303.2	-518.4
-49.07					642	-165.8	-412.6	-406.7	135.8	-714.2
-36.56					6148	-387.7	-412.6	-406.7	6.7	-807.1
-44.12					6147	-387.7	-49.4	-406.7	221.9	-659.0

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	1358.5	5650.4	1550.7	6152.1	856.8	
72.07		641	5308.9	8096.1	2077.1	9203.8	4201.2	
61.93		642	2607.1	9661.8	1922.3	10151.6	2117.3	
75.71		6148	1553.2	3881.2	1378.5	4521.4	913.0	
65.09		6147	1436.9	2434.8	1477.3	3495.1	376.6	
54.33		Min	Cent	-88459.7	-213619.8	-57541.2	-66026.5	-236053.0
-21.30		641	-56906.4	-216388.2	-35419.0	-49394.2	-223900.5	

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	Company		Client	
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-11.97							
	642	-143847.3	-310060.7	-35304.6	-136659.2	-317248.7	
-11.51							
	6148	-78780.6	-204730.7	-77606.9	-41812.3	-241699.0	
-25.47							
	6147	-78243.5	-123824.0	-77723.8	-20037.6	-182029.9	
-36.83							

	NODE	Vxx	Vyy
Max	Cent	59.8	9.9
	641	151.1	9.1
	642	151.1	10.8
	6148	3.4	10.8
	6147	3.4	9.1
Min	Cent	-5.5	-151.1
	641	-12.4	-154.9
	642	-12.4	-147.4
	6148	-33.2	-147.4
	6147	-33.2	-154.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

5.60	c mob-b	Max	Cent	370.5	107.8	26.0	373.0	105.3
			641	728.4	300.3	26.0	729.9	298.8
3.47			642	728.4	30.4	26.0	729.3	29.5
2.13			6148	148.9	30.4	26.0	154.4	25.0
11.86			6147	148.9	300.3	26.0	304.7	144.6
80.52		Min	Cent	-205.7	-193.3	-419.2	219.7	-618.8
-45.42			641	-128.0	-44.9	-419.2	334.8	-507.7
-47.83			642	-128.0	-416.3	-419.2	171.2	-715.5
-35.51			6148	-361.4	-416.3	-419.2	31.3	-809.0
-43.13			6147	-361.4	-44.9	-419.2	245.0	-651.3
-55.34								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

64.95	Max	Cent	1029.6	3728.5	1613.8	4482.7	275.3
		641	4602.5	5645.0	2054.9	7243.7	3003.8
52.12		642	2666.8	6331.4	1897.3	7136.7	1861.4
67.00		6148	1354.1	2736.6	1374.6	3584.0	506.8
58.35		6147	1609.9	1835.2	1481.7	3208.5	236.6
47.17	Min	Cent	-85533.4	-207408.2	-55236.0	-64224.9	-228716.6
-21.10		641	-55639.5	-210285.3	-33796.4	-48576.3	-217348.6
-11.80		642	-138280.6	-300616.5	-33686.6	-131567.8	-307329.3
-11.27		6148	-76190.7	-198923.5	-74730.0	-40859.6	-234254.7
-25.30							

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-58.08

ANGLE NODE Mxx Myy Mxy Mmax Mmin

```

-----
Cent      -343.6   -1145.5   -1087.1    414.1   -1903.3
641       541.0    -873.7    -821.6    917.8   -1250.5
642     -1283.0   -2014.6   -842.3   -730.5   -2567.1
6148     -442.5   -1367.4   -1320.9    494.6   -2304.5
6147     -190.0    -326.4   -1300.2   1043.8   -1560.2
    
```

NODE Vxx Vyy

```

-----
Cent      1.7     -0.9
641       3.3     -1.1
642       3.3     -0.8
6148      0.1     -0.8
6147      0.1     -1.1
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

```

-----
cedime~1 Cent    -238.2   -189.3   -234.1    21.6   -449.1
641     -234.5   -104.6   -234.1    73.4   -412.5
642     -234.5   -274.0   -234.1   -19.4   -489.2
6148    -241.8   -274.0   -234.1   -23.2   -492.6
6147    -241.8   -104.6   -234.1    70.7   -417.1
    
```

NODE Mxx Myy Mxy Mmax Mmin

```

-----
Cent    -7658.5  -21704.3  -6614.7  -5033.9  -24328.9
641    -3484.5  -20247.6  -3631.5  -2731.6  -21000.5
642   -12762.4  -32251.6  -3916.1  -12005.0  -33009.0
6148   -8530.5  -22529.6  -9430.9  -3785.5  -27274.7
6147   -5856.7  -11788.2  -9146.3   792.7   -18437.6
    
```

NODE Vxx Vyy

```

-----
Cent      7.7     -14.2
641     14.3     -14.2
642     14.3     -14.2
6148      1.1     -14.2
6147      1.1     -14.2
    
```

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

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	Company		Client	
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	perm	Cent	146.2	-53.3	-259.3	324.3	-231.4	
-34.48		641	432.1	135.4	-259.3	582.5	-15.1	
-30.11		642	432.1	-242.0	-259.3	520.3	-330.2	
-18.79		6148	-139.7	-242.0	-259.3	73.5	-455.2	
-39.42		6147	-139.7	135.4	-259.3	291.4	-295.7	
-58.97								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-----		Cent	-62602.1	-153004.0	-37034.4	-49367.9	-166238.2	
-19.66		641	-42982.2	-156351.8	-21558.9	-39020.8	-160313.1	
-10.41		642	-96383.6	-219872.7	-21521.0	-92740.6	-223515.8	
-9.61		6148	-55751.8	-146524.5	-51325.2	-32623.9	-169652.3	
-24.26		6147	-55291.0	-89266.9	-51363.1	-18179.5	-126378.4	
-35.85								
		NODE	Vxx	Vyy				
		Cent	30.8	-107.4				
		641	84.4	-110.9				
		642	84.4	-104.0				
		6148	-22.8	-104.0				
		6147	-22.8	-110.9				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-18.76	INV TO~1	Max	Cent	646.4	143.8	-193.0	711.9	78.2
-12.68			641	1415.4	601.1	-193.0	1458.8	557.7
-6.87			642	1415.4	-163.8	-193.0	1438.6	-187.0
-29.88			6148	61.3	-163.8	-193.0	172.2	-274.6
-64.20			6147	61.3	601.1	-193.0	703.0	-0.6
-42.67		Min	Cent	-418.0	-503.7	-1059.4	580.9	-1521.1
-42.58			641	-26.2	-36.0	-1059.4	966.7	-1090.6
-31.80			642	-26.2	-1078.0	-1059.4	630.6	-1734.9
-42.66			6148	-904.9	-1078.0	-1059.4	71.5	-2054.4
-56.95			6147	-904.9	-36.0	-1059.4	605.5	-1615.5
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

-19.74		Max	Cent	-60768.2	-145375.9	-34855.7	-48258.4	-157885.8
-9.45			641	-35815.2	-145422.1	-18754.8	-32694.9	-148542.4
			642	-92783.5	-206829.3	-18926.0	-89724.7	-209888.0

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-9.18								
		6148	-53654.9	-141284.9	-49464.3	-31390.7	-163549.1	
-24.23								
		6147	-53117.6	-85979.8	-49362.8	-16730.6	-121574.3	
-35.83								
	Min	Cent	-189681.3	-463094.9	-121329.7	-143605.0	-509171.1	
-20.79								
		641	-123290.4	-468723.5	-73006.0	-108494.5	-483519.3	
-11.46								
		642	-303339.9	-670706.1	-73098.3	-289329.2	-684716.8	
-10.85								
		6148	-170636.1	-445440.6	-165525.3	-92915.1	-523161.6	
-25.15								
		6147	-166776.4	-268217.6	-165436.4	-45251.4	-390533.9	
-36.50								

		NODE	Vxx	Vyy
Max	Cent		119.3	-94.1
		641	302.6	-98.7
		642	302.6	-89.4
		6148	-17.1	-89.4
		6147	-17.1	-98.7
Min	Cent		22.7	-325.7
		641	67.6	-334.2
		642	67.6	-317.1
		6148	-67.6	-317.1
		6147	-67.6	-334.2

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	646.4	143.8	-193.0	1114.6	78.2
-44.04								
			641	1415.4	1002.8	-193.0	2242.0	557.7
-41.94								
			642	1415.4	-163.8	-193.0	1690.0	-187.0
-21.92								
			6148	61.3	-163.8	-193.0	172.2	-274.6
-29.88								
			6147	61.3	1002.8	-193.0	1472.5	-0.6
-67.12								
		Min	Cent	-418.0	-503.7	-1113.2	580.9	-1521.1
-42.67								
			641	-26.2	-36.0	-1113.2	966.7	-1090.6
-42.58								
			642	-26.2	-1078.0	-1113.2	630.6	-1734.9
-31.80								
			6148	-1165.9	-1078.0	-1113.2	-6.7	-2235.0
-46.16								
			6147	-1165.9	-36.0	-1113.2	605.5	-1635.6
-56.95								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	-60768.2	-145375.9	-34855.7	-48258.4	-157885.8
-19.74								
			641	-35815.2	-145422.1	-18754.8	-32694.9	-148542.4
-9.45								
			642	-92783.5	-206829.3	-18926.0	-89724.7	-209888.0
-9.18								
			6148	-53654.9	-141284.9	-49464.3	-31390.7	-163549.1
-24.23								
			6147	-53117.6	-85979.8	-49362.8	-16730.6	-121574.3
-35.83								

PROJECT TITLE :

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-20.52	Min	Cent	-321162.2	-781952.4	-200533.7	-246113.9	-857000.8
-11.04		641	-204097.0	-791818.3	-119224.0	-180832.3	-815083.0
-10.55		642	-507625.9	-1129177.9	-119871.2	-485309.1	-1151494.7
-24.96		6148	-288928.6	-751767.4	-274949.6	-160970.4	-879725.6
-36.34		6147	-283997.3	-455046.1	-274302.5	-82195.6	-656847.8

	NODE	Vxx	Vyy
Max	Cent	188.3	-94.1
	641	489.5	-98.7
	642	489.5	-89.4
	6148	-17.1	-89.4
	6147	-17.1	-98.7
Min	Cent	22.7	-547.2
	641	67.6	-562.4
	642	67.6	-532.0
	6148	-112.8	-532.0
	6147	-112.8	-562.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
6348	1	5	c mob-a	Max	Cent	143.4	83.1	785.9	899.7	-673.2
43.90					642	128.5	44.1	687.9	775.5	-602.9
43.25					643	128.1	206.2	883.9	1052.0	-717.6
46.26					6149	674.8	213.3	889.6	1363.1	-474.9
37.73					6148	681.2	98.4	682.3	1131.7	-352.1
33.44				Min	Cent	-207.5	-3443.4	-36.0	-207.1	-3443.8
-0.64					642	-976.7	-472.9	-32.2	-470.8	-978.7
-86.35					643	-982.5	-6621.3	-39.7	-982.2	-6621.6
-0.40					6149	-55.2	-6803.4	-39.9	-54.9	-6803.6
-0.34					6148	-55.4	-366.9	-32.0	-52.1	-370.2

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	1057.8	6151.9	2134.7	6928.1	281.5
	642	7437.4	10343.0	2139.2	11476.1	6304.3
	643	1864.8	8369.6	3190.5	9673.2	561.2
	6149	2857.3	4207.1	1976.8	5621.1	1443.3
	6148	2074.2	3797.4	1323.4	4515.0	1356.6
Min	Cent	-48452.4	-262318.0	-41433.2	-40705.9	-270064.5
	642	-31238.6	-286943.5	-34574.7	-26646.2	-291536.0
	643	-109267.6	-369432.1	-28039.2	-106280.0	-372419.7

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-6.08							
		6149	-8426.7	-194601.0	-43413.6	1199.2	-204226.9
-12.50							
		6148	-51047.3	-199158.6	-47827.3	-36945.8	-213260.2
-16.43							

		NODE	Vxx	Vyy
Max	Cent		19.3	8.9
	642		93.3	10.8
	643		93.3	7.7
	6149		3.3	7.2
	6148		3.3	10.8
Min	Cent		-5.4	-198.9
	642		-9.5	-147.4
	643		-9.5	-245.9
	6149		-63.3	-255.4
	6148		-63.3	-147.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	193.6	36.9	727.5	847.0	-616.5
41.93			642	178.4	25.1	636.6	742.9	-539.4
41.57			643	177.9	103.4	818.5	960.0	-678.7
43.70			6149	636.9	107.4	823.8	1237.4	-493.1
36.09			6148	642.8	56.1	631.4	1045.7	-346.7
32.54		Min	Cent	-179.2	-3252.5	-21.3	-179.0	-3252.6
-0.40			642	-880.7	-480.1	-19.5	-479.1	-881.6
-87.22			643	-886.1	-6202.7	-23.3	-886.0	-6202.8
-0.25			6149	-45.5	-6371.8	-23.4	-45.4	-6371.9
-0.21			6148	-45.6	-369.9	-19.4	-44.4	-371.1
-3.40								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Max	Cent	574.9	4234.5	2255.6	5309.2	-499.8
64.53			642	6975.9	7100.9	2266.8	9306.0	4770.8
45.79			643	1620.1	5007.2	3327.0	7046.8	-419.6
58.49			6149	1996.6	3319.1	2253.6	5006.4	309.2
53.18			6148	2383.3	2741.8	1432.9	4006.6	1118.5
48.57		Min	Cent	-46510.6	-254729.8	-39789.8	-39166.0	-262074.4
-10.46			642	-31242.0	-278452.9	-33053.6	-26898.9	-282796.0
-7.49			643	-104699.7	-358565.6	-26731.2	-101915.5	-361349.7
-5.95			6149	-7129.1	-189218.9	-41859.7	2032.8	-198380.9
-12.35			6148	-48852.6	-193443.2	-46094.0	-35408.3	-206887.5
-16.26								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	NODE	Vxx	Vyy
Max	Cent	17.7	5.3
	642	88.4	7.4
	643	88.4	3.9
	6149	3.2	3.3
Min	6148	3.2	7.4
	Cent	-5.0	-192.5
	642	-9.6	-142.5
	643	-9.6	-238.2
	6149	-61.2	-247.2
	6148	-61.2	-142.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
11.97	pp	Cent	-197.2	-9251.2	2009.6	228.8	-9677.2
53.73		642	-2128.6	-1024.6	1755.7	263.8	-3417.1
8.22		643	-2144.3	-17477.8	2263.6	-1817.1	-17805.0
6.51		6149	1770.1	-17949.1	2278.1	2029.9	-18208.8
28.05		6148	1786.7	-553.3	1741.2	2714.4	-1481.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-9.88	Cent	-130798.0	-714593.8	-104913.7	-112516.5	-732875.3
-6.94	642	-83113.2	-777846.9	-85793.3	-72675.4	-788284.7
-5.19	643	-287800.2	-1007318.2	-65959.2	-281803.6	-1013314.8
-11.82	6149	-21667.1	-532242.8	-111744.5	1718.2	-555628.1
-15.78	6148	-133875.8	-540835.7	-124984.2	-98556.4	-576155.1

	NODE	Vxx	Vyy
	Cent	31.1	-536.9
	642	222.3	-394.1
	643	222.3	-667.9
	6149	-163.6	-691.7
	6148	-163.6	-394.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-77.76	vento -y	Cent	-66.0	-0.4	-14.9	2.8	-69.3
-31.31		642	-53.6	-66.9	-12.9	-45.7	-74.8
-82.06		643	-53.5	66.1	-17.0	68.5	-55.8
-83.52		6149	-78.7	69.9	-17.1	71.9	-80.7
-53.83		6148	-78.9	-70.7	-12.8	-61.4	-88.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-23.71		Cent	631.0	-2080.2	-1475.3	1278.9	-2728.1
-13.57		642	2208.5	-1316.3	-903.1	2426.4	-1534.2
-16.16		643	-418.6	-4474.4	-1282.7	-47.0	-4846.0
-29.59		6149	1057.2	-1175.2	-1870.5	2119.3	-2237.2
-35.52		6148	-367.6	-1352.5	-1432.7	654.9	-2375.0

NODE	Vxx	Vyy
Cent	0.4	-2.8
642	2.8	-0.8
643	2.8	-4.7
6149	-2.1	-5.0
6148	-2.1	-0.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-25.45	cedime~1	Cent	-125.3	-162.8	-23.1	-114.3	-173.8
-7.03		642	-87.0	-250.1	-20.4	-84.4	-252.7
-51.16		643	-86.8	-75.5	-25.8	-54.7	-107.6
-75.51		6149	-164.3	-70.5	-26.0	-63.8	-171.0
-12.04		6148	-164.5	-255.1	-20.3	-160.1	-259.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-13.02		Cent	-1996.8	-31139.5	-7120.3	-350.1	-32786.2
-7.04		642	3365.4	-29026.0	-4064.0	3867.5	-29528.1
-6.46		643	-8901.0	-50185.8	-4733.8	-8365.2	-50721.6
-18.34		6149	1641.9	-23634.8	-9411.3	4761.1	-26753.9
-21.76		6148	-4359.4	-21695.4	-8231.7	-1073.5	-24981.3

NODE	Vxx	Vyy
Cent	1.0	-27.0
642	11.2	-14.2
643	11.2	-39.2
6149	-9.5	-40.5
6148	-9.5	-14.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
10.80	perm	Cent	35.4	-2204.4	443.5	120.0	-2289.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

47.51	642	-375.0	-307.5	384.9	45.1	-727.6
7.55	643	-378.6	-4101.2	502.0	-312.1	-4167.8
6.11	6149	453.4	-4209.9	505.4	507.6	-4264.1
24.66	6148	457.2	-198.8	381.6	632.4	-374.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

-9.10	Cent	-34205.4	-187584.6	-25218.5	-30165.4	-191624.5
-6.51	642	-25184.7	-205632.9	-20850.0	-22806.9	-208010.7
-4.56	643	-72584.7	-261513.9	-15178.9	-71373.0	-262725.6
-10.78	6149	-5794.8	-140977.7	-26705.9	-710.2	-146062.2
-14.79	6148	-34063.9	-142186.9	-30681.5	-25964.3	-150286.5

NODE	Vxx	Vyy
Cent	5.0	-138.4
642	50.7	-104.0
643	50.7	-170.0
6149	-41.5	-175.7
6148	-41.5	-104.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-------	----	------	-----	-----	-----	------	------

25.78	INV TO~1	Max	Cent	296.8	-2092.2	1504.4	1023.2	-2818.7
43.76			642	-134.2	-247.9	1313.5	1123.7	-1505.8
21.31			643	-138.5	-3822.8	1695.3	522.9	-4484.2
16.42			6149	1364.4	-3921.9	1706.3	1867.3	-4424.8
30.51			6148	1376.8	-66.0	1302.6	2144.4	-795.4
3.19		Min	Cent	-369.9	-7015.7	371.8	-349.2	-7036.5
65.92			642	-1780.5	-1205.8	321.0	-1062.3	-1924.0
2.13			643	-1791.8	-13115.5	422.6	-1776.1	-13131.2
1.78			6149	214.7	-13465.0	425.5	227.9	-13478.2
14.25			6148	218.0	-953.4	318.1	298.8	-1048.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

-8.42	Max	Cent	-32777.4	-179279.5	-22173.4	-29494.9	-182562.0	
-5.91			642	-11778.8	-191669.9	-17789.8	-9517.2	-193444.8
-3.38			643	-70067.2	-250215.0	-10687.5	-69435.4	-250846.8
			6149	-295.5	-135298.1	-23663.5	6324.1	-139372.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-11.32			6148	-30846.4	-137060.5	-28747.1	-23565.1	-144341.8	
-14.21		Min	Cent	-101612.9	-572853.4	-88273.6	-85620.1	-588846.2	
-10.27				642	-67361.5	-622032.6	-71589.8	-58825.6	-631070.4
-7.20				643	-228997.0	-810433.1	-57765.6	-223313.5	-816116.5
-5.62				6149	-17170.8	-427323.8	-94725.5	822.6	-448068.6
-11.91				6148	-107337.2	-432746.5	-103480.0	-77218.3	-462865.4
-16.23									

	NODE	Vxx	Vyy
Max	Cent	32.1	-126.3
	642	187.9	-89.4
	643	187.9	-159.6
	6149	-37.0	-165.9
	6148	-37.0	-89.4
Min	Cent	-2.3	-434.0
	642	37.8	-317.1
	643	37.8	-541.3
	6149	-136.4	-561.0
	6148	-136.4	-317.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		

25.78	INV TO~2	Max	Cent	296.8	-2092.2	2713.0	1023.2	-2818.7	
				642	-134.2	-247.9	2370.2	1123.7	-1505.8
43.76				643	-138.5	-3822.8	3055.8	522.9	-4484.2
21.31				6149	2389.6	-3921.9	3075.5	2740.3	-4424.8
6.51				6148	2412.0	-66.0	2350.6	3664.5	-795.4
28.05		Min	Cent	-369.9	-12489.1	371.8	-349.2	-13064.2	
3.19				642	-2873.7	-1383.2	321.0	-1062.3	-4613.0
65.92				643	-2894.8	-23595.0	422.6	-2453.1	-24036.7
8.22				6149	214.7	-24231.3	425.5	227.9	-24581.9
1.78				6148	218.0	-953.4	318.1	298.8	-1999.4
14.25									

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin			

-8.42		Max	Cent	-32777.4	-179279.5	-22173.4	-29494.9	-182562.0	
				642	-11778.8	-191669.9	-17789.8	-9517.2	-193444.8
-5.91				643	-70067.2	-250215.0	-10687.5	-69435.4	-250846.8
-3.38				6149	-295.5	-135298.1	-23663.5	6324.1	-139372.5
-11.32				6148	-30846.4	-137060.5	-28747.1	-23565.1	-144341.8
-14.21		Min	Cent	-176577.3	-964701.6	-141633.5	-151897.2	-989381.7	
-9.88									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-6.94	642	-112202.9	-1050093.3	-115820.9	-98111.8	-1064184.4
-5.19	643	-388530.2	-1359879.5	-89044.9	-380434.8	-1367974.9
-11.91	6149	-29250.6	-718527.8	-150855.1	822.6	-750098.0
-15.78	6148	-180732.3	-730128.2	-168728.6	-133051.1	-777809.4

	NODE	Vxx	Vyy
Max	Cent	42.0	-126.3
	642	300.1	-89.4
	643	300.1	-159.6
	6149	-37.0	-165.9
	6148	-37.0	-89.4
Min	Cent	-2.3	-724.8
	642	37.8	-532.0
	643	37.8	-901.6
	6149	-220.9	-933.8
	6148	-220.9	-532.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6349	1	5	c mob-a	Max	Cent	127.7	160.8	65.9	212.1	76.3
52.06					643	77.7	230.5	63.7	253.5	54.7
70.09					644	77.6	99.8	68.0	157.6	19.7
49.63					1107	774.4	102.7	67.9	781.2	95.9
5.71					6149	769.3	224.8	63.8	776.7	217.4
6.60				Min	Cent	-58.4	-4392.3	-2230.2	884.2	-5334.9
-22.91					643	-791.7	-7293.6	-2140.6	-150.2	-7935.0
-16.68					644	-786.4	-1497.6	-2319.7	1204.8	-3488.8
-40.64					1107	-45.7	-1729.1	-2312.5	1573.6	-3348.3
-35.00					6149	-45.6	-7059.9	-2147.8	559.9	-7665.3
-15.74										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
	Max	Cent	1553.3	6396.9	1990.0	7109.6	840.6	
70.30		643	3558.8	9037.4	1475.9	9409.7	3186.5	
75.84		644	1027.2	7706.9	2341.0	8445.7	288.5	
72.49		1107	68084.3	9245.3	2200.1	68166.5	9163.1	
2.14		6149	1208.4	4249.4	1338.6	4754.7	703.1	
69.32		Min	Cent	-8927.3	-273017.2	-20394.9	-7361.6	-274582.9
-4.39			643	-32937.7	-353129.7	-13790.0	-32344.9	-353722.5
-2.46			644	-24111.2	-397859.0	-15922.8	-23434.0	-398536.1
-2.44			1107	-2316.6	-143049.0	-18810.9	154.3	-145520.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.48
 -7.68

	NODE	Vxx	Vyy
Max	Cent	6.5	6.7
	643	17.5	7.9
	644	17.5	8.8
	1107	4.1	8.8
	6149	4.1	7.2
Min	Cent	-119.2	-319.0
	643	-50.9	-254.0
	644	-50.9	-380.4
	1107	-193.8	-380.4
	6149	-193.8	-263.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
22.21	c mob-b	Max	Cent	150.5	88.4	30.4	162.9	76.0
50.05			643	106.4	116.9	29.5	141.6	81.6
30.08			644	107.0	71.0	31.3	125.1	52.9
2.74			1107	720.2	69.1	31.3	721.7	67.6
2.81			6149	715.4	114.5	29.6	716.9	113.1
-22.96		Min	Cent	-45.9	-4089.1	-2087.8	838.7	-4973.7
-16.60			643	-711.7	-6831.8	-2003.1	-114.4	-7429.1
-40.75			644	-706.8	-1355.7	-2172.5	1165.3	-3227.8
-35.21			1107	-33.3	-1573.8	-2165.6	1495.0	-3102.1
-15.72			6149	-33.3	-6610.9	-2009.9	532.2	-7176.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
59.02	Max	Cent	1297.4	4349.8	2866.2	6070.8	-423.7	
60.15			643	3557.9	6063.3	2142.9	7292.8	2328.4
56.84			644	1038.2	3982.2	3357.4	6176.1	-1155.7
2.92			1107	66111.0	7555.5	2991.7	66263.5	7403.0
66.49			6149	403.1	3303.0	1556.5	3980.2	-274.2
-4.36	Min	Cent	-8288.4	-265341.3	-19725.4	-6783.6	-266846.1	
-2.45			643	-31959.7	-343139.9	-13317.9	-31390.7	-343708.8
-2.42			644	-22285.7	-385910.9	-15402.2	-21634.5	-386562.2
-7.37			1107	-1472.8	-139717.7	-18194.1	881.6	-142072.1
-7.58			6149	-36251.3	-192397.2	-21167.1	-33432.8	-195215.7

NODE Vxx Vyy

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
Max   Cent   4.7     2.9
      643   15.2    4.0
      644   15.2    5.9
      1107  2.0     5.9
      6149  2.0     3.3
Min   Cent  -115.6  -308.9
      643   -51.7  -245.9
      644   -51.7  -368.5
      1107 -187.6  -368.5
      6149 -187.6  -255.0
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-22.74	pp	Cent	130.5	-11432.6	-5878.4	2594.0	-13896.2
		643	-1785.0	-19248.0	-5637.1	-123.4	-20909.6
-16.42		644	-1770.1	-3617.2	-6119.6	3495.2	-8882.6
-40.71		1107	1992.8	-4246.8	-6100.2	5724.7	-7978.7
-31.46		6149	1979.1	-18618.5	-5656.6	3430.3	-20069.6
-14.39							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-4.05	Cent	-21848.6	-745352.5	-51446.5	-18208.7	-748992.4
	643	-94791.9	-965623.0	-35641.3	-93335.6	-967079.3
-2.34	644	-61282.3	-1076823.1	-38841.9	-59798.9	-1078306.5
-2.19	1107	177013.4	-395466.0	-46053.2	180694.5	-399147.1
-4.57	6149	-101945.0	-540761.0	-56218.5	-94857.1	-547848.9
-7.19						

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-----
NODE   Vxx   Vyy
Cent   -325.4 -856.0
 643   -125.5 -689.3
 644   -125.5 -1010.4
1107   -519.8 -1010.4
6149   -519.8 -713.7
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

69.69	vento -y	Cent	-33.7	62.4	41.2	77.6	-49.0
		643	-13.2	84.6	40.5	99.2	-27.8
70.18		644	-13.3	40.1	41.9	63.1	-36.3
61.26		1107	-53.6	41.9	41.8	57.7	-69.3
69.39		6149	-53.6	82.8	40.6	94.0	-64.7
74.62							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-17.64          Cent      2028.8   -2351.9   -1549.9   2521.7   -2844.8
-8.77           643      3369.9   -3706.3   -1118.0   3542.4   -3878.7
-10.72          644       731.7   -7367.9   -1590.4   1032.8   -7669.0
-37.58         1107     3720.1    2939.5   -1473.3   4853.9    1805.7
-27.87         6149     385.2   -1208.3   -1169.7   1003.7   -1826.8
    
```

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-----
NODE      Vxx      Vyy
-----
Cent      -0.5     -10.2
643        4.3      -4.6
644        4.3     -15.5
1107       -5.2     -15.5
6149       -5.2     -5.2
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1  Cent      -55.2     36.8     13.7     38.8     -57.2
81.69     643       -2.4     -54.6     16.5      2.4     -59.4
16.20     644       -2.3     128.1     10.9     129.0     -3.2
85.25     1107     -106.6    120.7     11.1     121.3    -107.1
87.20     6149     -106.7    -47.2     16.3     -43.0    -110.9
75.63
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
Cent      5907.2   -34169.5  -7002.0   7095.3   -35357.6
-9.63     643      7101.3   -47147.7  -5410.5   7635.6   -47682.0
-5.64     644      1408.3   -60872.8  -7174.0   2224.0   -61688.4
-6.49     1107     17538.8  -4576.8   -6320.9   19217.9  -6255.9
-14.88    6149    -1886.1  -23779.7  -5553.2   -558.1   -25107.7
-13.45
    
```

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-----
NODE      Vxx      Vyy
-----
Cent      -13.1     -62.7
643        6.7      -39.5
644        6.7     -84.6
1107       -32.4    -84.6
6149       -32.4    -41.9
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm      Cent      81.2     -2638.7   -1405.1   676.7   -3234.2
-22.97    643     -328.3   -4520.8   -1347.0   67.2   -4916.3
-16.36
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-40.80		644	-324.7	-756.6	-1463.2	938.4	-2019.8
-32.28		1107	479.4	-908.3	-1458.5	1400.7	-1829.6
-14.58		6149	476.1	-4369.2	-1351.7	827.7	-4720.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-3.47	Cent	-6187.2	-195456.5	-11533.1	-5487.0	-196156.6
-1.98	643	-27132.0	-251661.9	-7760.0	-26864.1	-251929.8
-1.79	644	-14172.3	-276641.2	-8229.3	-13914.5	-276899.0
-3.83	1107	44012.8	-109718.1	-10332.5	44704.1	-110409.5
-6.33	6149	-25869.3	-143155.6	-13182.3	-24405.9	-144619.0

NODE	Vxx	Vyy
Cent	-86.6	-213.0
643	-40.5	-175.6
644	-40.5	-247.6
1107	-131.4	-247.6
6149	-131.4	-181.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-22.93	INV TO~1	Max	Cent	284.4	-2384.9	-1302.5	1870.4	-2923.1
-16.04			643	-184.7	-4209.7	-1244.5	177.7	-4572.2
-41.08			644	-180.3	-493.9	-1360.4	2607.7	-1707.6
-34.11			1107	1524.8	-648.9	-1355.8	3520.2	-1320.1
-12.20			6149	1514.7	-4065.8	-1249.2	1788.3	-4339.4
-22.45		Min	Cent	-52.9	-8568.3	-4415.9	767.3	-10436.3
-16.48			643	-1399.5	-14421.7	-4236.8	-151.4	-15669.8
-40.43			644	-1388.7	-2778.4	-4594.9	987.9	-6729.6
-26.34			1107	311.2	-3242.5	-4580.4	2089.5	-6344.9
-15.36			6149	307.9	-13947.2	-4251.3	1471.1	-15110.4

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-3.75	Max	Cent	1816.9	-186820.7	-7663.7	2778.1	-187141.5
-2.17		643	-15226.3	-239461.4	-4867.1	-14837.7	-239570.5
-1.97		644	-11362.4	-266236.9	-3696.9	-10988.6	-266290.8
-2.82		1107	153465.4	-97237.0	-6293.7	154087.2	-97406.8
		6149	-24238.0	-137418.9	-11081.1	-23163.3	-138493.6

PROJECT TITLE :

	Company		Client	
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-5.54								
	Min	Cent	-18239.1	-598199.2	-46068.2	-15457.0	-601799.5	
-4.07			643	-71597.9	-775534.7	-31787.0	-70540.3	-776952.9
-2.30			644	-46722.3	-874623.6	-36899.1	-45572.1	-876262.2
-2.22			1107	40885.3	-307411.1	-42048.2	44559.7	-312181.8
-5.87			6149	-79241.2	-433755.5	-48309.7	-72776.0	-440220.8
-7.62								

		NODE	Vxx	Vyy
Max	Cent		-77.8	-204.0
		643	-10.1	-165.0
		644	-10.1	-235.8
		1107	-125.9	-235.8
		6149	-125.9	-171.5
Min	Cent		-260.7	-706.4
		643	-110.2	-558.0
		644	-110.2	-845.7
		1107	-425.5	-845.7
		6149	-425.5	-578.9

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	284.4	-2384.9	-1302.5	3502.0	-2923.1
-22.74			643	-184.7	-4209.7	-1244.5	177.7	-4572.2
-16.04			644	-180.3	-493.9	-1360.4	4718.6	-1707.6
-40.71			1107	2690.3	-648.9	-1355.8	7728.3	-1320.1
-31.46			6149	2671.8	-4065.8	-1249.2	4630.9	-4339.4
-14.39		Min	Cent	-52.9	-15434.0	-7935.8	767.3	-18759.8
-22.45			643	-2409.8	-25984.8	-7610.1	-166.6	-28228.0
-16.42			644	-2389.7	-4883.3	-8261.5	987.9	-11991.5
-40.43			1107	311.2	-5733.1	-8235.3	2089.5	-10771.2
-26.34			6149	307.9	-25134.9	-7636.4	1471.1	-27094.0
-15.36								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	1816.9	-186820.7	-7663.7	2778.1	-187141.5
-3.75			643	-15226.3	-239461.4	-4867.1	-14837.7	-239570.5
-2.17			644	-11362.4	-266236.9	-3696.9	-10988.6	-266290.8
-1.97			1107	238968.2	-97237.0	-6293.7	243937.6	-97406.8
-4.57			6149	-24238.0	-137418.9	-11081.1	-23163.3	-138493.6
-5.54		Min	Cent	-29495.7	-1006225.8	-69452.8	-24581.8	-1011139.7
-4.05			643	-127969.0	-1303591.0	-48115.8	-126003.0	-1305557.0
-2.34								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-2.19	644	-82731.1	-1453711.1	-52436.5	-80728.5	-1455713.8
-5.87	1107	40885.3	-533879.1	-62171.8	44559.7	-538848.6
-7.19	6149	-137625.8	-730027.4	-75895.0	-128057.1	-739596.1

	NODE	Vxx	Vyy
Max	Cent	-77.8	-204.0
	643	-10.1	-165.0
	644	-10.1	-235.8
	1107	-125.9	-235.8
Min	6149	-125.9	-171.5
	Cent	-439.3	-1155.6
	643	-169.4	-930.6
	644	-169.4	-1364.0
	1107	-701.7	-1364.0
	6149	-701.7	-963.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6350	1	5	c mob-a	Max	Cent	370.3	100.0	1124.1	1367.3	-897.0
41.57					1106	886.1	109.8	1141.0	1703.1	-707.2
35.61					6142	885.1	92.3	1107.2	1664.7	-687.3
35.15					6150	24.3	92.8	1108.5	1167.6	-1050.4
45.89					1414	24.4	108.9	1139.7	1207.2	-1073.8
46.06				Min	Cent	-40.6	-2648.4	-47.1	-39.8	-2649.3
-1.03					1106	-42.6	-2121.5	-45.7	-41.6	-2122.5
-1.26					6142	-42.6	-3179.8	-48.5	-41.9	-3180.6
-0.89					6150	-288.4	-3140.1	-48.4	-287.5	-3141.0
-0.97					1414	-287.4	-2160.7	-45.8	-286.2	-2161.8
-1.40										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	28697.7	3335.3	17146.2	37342.6	-5309.6
	1106	90452.7	2981.9	23760.9	96490.4	-3055.8
	6142	1329.8	4726.8	19015.3	22119.3	-16062.7
	6150	6219.3	4600.3	10497.9	15938.9	-5119.2
	1414	87478.0	5716.9	13068.6	89516.1	3678.8
Min	Cent	-7634.8	-164815.6	-4925.7	-7480.5	-164969.8
	1106	-4917.7	-200760.0	-4096.7	-4832.0	-200845.7
	6142	-41084.5	-241418.8	-4443.1	-40986.0	-241517.2
	6150	-25125.0	-141223.5	-5312.3	-24882.4	-141466.0
	1414	-12574.9	-75968.0	-4976.5	-12186.6	-76356.3

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-4.46

	NODE	Vxx	Vyy
Max	Cent	217.0	4.8
	1106	251.8	11.4
	6142	251.8	9.2
	6150	183.4	9.5
	1414	183.4	11.4
Min	Cent	-5.2	-183.0
	1106	-4.7	-202.0
	6142	-4.7	-166.9
	6150	-9.0	-162.6
	1414	-9.0	-202.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
40.95	c mob-b	Max	Cent	374.7	63.7	1092.1	1322.3	-883.9
35.01			1106	873.4	68.0	1108.1	1649.7	-708.3
34.66			6142	872.4	60.3	1076.1	1616.5	-683.8
45.53			6150	20.4	60.5	1077.3	1117.9	-1037.0
45.61			1414	20.6	67.6	1106.9	1151.2	-1063.0
-0.86		Min	Cent	-21.2	-2616.4	-38.9	-20.6	-2617.0
-1.02			1106	-24.9	-2116.9	-37.3	-24.2	-2117.5
-0.75			6142	-24.9	-3117.0	-40.5	-24.4	-3117.5
-0.82			6150	-252.5	-3079.1	-40.3	-252.0	-3079.7
-1.13			1414	-251.6	-2153.8	-37.4	-250.8	-2154.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
27.05	Max	Cent	27719.0	2564.4	17377.8	36593.4	-6310.0	
14.70		1106	87466.0	2219.1	24017.1	93766.8	-4081.7	
47.55		6142	839.5	4383.1	19822.4	22512.7	-17290.1	
42.86		6150	4543.1	2938.0	10719.7	14490.3	-7009.2	
9.20		1414	85606.6	5720.8	13292.0	87760.1	3567.2	
-1.40		Min	Cent	-8360.2	-159457.5	-3684.5	-8270.4	-159547.3
-0.78			1106	-5219.2	-194289.0	-2564.3	-5184.4	-194323.8
-1.06			6142	-40629.7	-234065.4	-3585.5	-40563.3	-234131.8
-2.33			6150	-25372.2	-136466.1	-4528.5	-25187.9	-136650.4
-3.36			1414	-13605.5	-73159.2	-3505.3	-13399.9	-73364.8

	NODE	Vxx	Vyy
Max	Cent	211.3	3.7

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	1106	245.0	9.6
	6142	245.0	9.1
	6150	179.0	9.5
	1414	179.0	9.6
Min	Cent	-4.9	-177.7
	1106	-3.7	-196.8
	6142	-3.7	-162.2
	6150	-9.6	-158.0
	1414	-9.6	-196.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

19.81	pp	Cent	795.1	-7048.6	3247.0	1964.8	-8218.3
20.37		1106	2279.7	-5379.3	3298.6	3504.5	-6604.0
15.08		6142	2276.6	-8717.9	3195.5	3137.8	-9579.2
19.43		6150	-651.6	-8593.5	3199.3	476.9	-9722.0
26.81		1414	-648.6	-5503.7	3294.7	1016.3	-7168.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

4.16	Cent	78593.3	-448746.6	38568.8	81399.3	-451552.6
4.54	1106	249292.4	-553503.2	64135.8	254383.9	-558594.8
5.24	6142	-112927.0	-663796.5	50980.3	-108248.8	-668474.7
2.78	6150	-60753.3	-381231.7	15584.7	-59997.2	-381987.8
2.84	1414	243543.4	-194974.6	21791.3	244623.6	-196054.8

NODE	Vxx	Vyy

Cent	609.0	-517.4
1106	707.1	-573.5
6142	707.1	-467.5
6150	513.5	-455.5
1414	513.5	-573.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-23.98	vento -y	Cent	42.1	-33.8	-42.1	60.8	-52.5
-18.63		1106	41.3	-72.4	-43.3	55.9	-87.0
-32.97		6142	41.4	4.9	-40.9	67.9	-21.6
-31.74		6150	42.9	2.0	-41.0	68.2	-23.3
-18.77		1414	42.8	-69.5	-43.2	57.5	-84.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-62.08		Cent	-1735.4	626.2	-1739.9	1548.2	-2657.4
-75.40		1106	-3154.5	3437.2	-1841.7	3916.8	-3634.2
-62.64		6142	-168.0	2123.8	-1619.2	2961.5	-1005.8
-47.82		6150	-203.8	91.4	-1496.0	1447.1	-1559.4
-47.41		1414	-3467.0	-3187.0	-1657.6	-1663.5	-4990.5

NODE	Vxx	Vyy
Cent	-5.9	7.0
1106	-6.8	10.5
6142	-6.8	3.6
6150	-5.0	3.5
1414	-5.0	10.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
8.65	cedime~1	Cent	164.4	-524.7	107.3	180.7	-541.1
7.23		1106	231.3	-586.8	105.4	244.7	-600.2
8.74		6142	231.4	-462.7	109.3	248.2	-479.4
10.53		6150	99.1	-467.3	109.1	119.4	-487.6
8.61		1414	99.0	-582.2	105.6	115.0	-598.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-35.66	Cent	-5629.1	-8471.3	-4201.0	-2615.4	-11485.0
-58.39	1106	-5061.7	-1375.2	-3651.4	871.9	-7308.7
-31.76	6142	-5552.3	-8967.3	-3428.5	-3429.6	-11089.9
-30.29	6150	-4436.5	-9189.8	-4215.1	-1974.2	-11652.1
-25.86	1414	-7507.7	-14440.4	-4393.9	-5377.5	-16570.6

NODE	Vxx	Vyy
Cent	-3.0	10.6
1106	-2.1	20.1
6142	-2.1	1.0
6150	-3.9	1.1
1414	-3.9	20.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.23	perm	Cent	241.6	-1997.3	889.1	551.7	-2307.4
19.67		1106	639.2	-1562.8	902.6	961.9	-1885.5
14.85		6142	638.4	-2431.7	875.7	870.6	-2663.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

18.94	6150	-145.9	-2399.3	876.7	155.0	-2700.2
25.60	1414	-145.2	-1595.2	901.6	286.7	-2027.1

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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5.08	Cent	22122.2	-120196.6	12764.9	23258.0	-121332.5
5.04	1106	68725.4	-151571.3	19595.5	70454.8	-153300.8
6.15	6142	-31220.7	-179471.9	16148.8	-29482.0	-181210.6
4.29	6150	-16409.6	-101615.5	6425.7	-15927.7	-102097.4
3.90	1414	68703.5	-47689.8	7970.9	69246.9	-48233.1

NODE	Vxx	Vyy
Cent	169.2	-146.4
1106	196.2	-165.6
6142	196.2	-128.8
6150	142.9	-125.5
1414	142.9	-165.6

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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28.37	INV TO~1	Max	Cent	911.7	-1862.2	2514.0	2269.1	-3295.1
25.70			1106	2066.8	-1414.6	2548.3	3293.2	-2723.6
22.87			6142	2064.7	-2307.1	2479.7	3110.4	-3384.1
30.61			6150	-14.0	-2274.0	2482.3	1454.5	-3801.1
37.35			1414	-13.2	-1448.2	2545.7	1749.7	-3310.2
8.00		Min	Cent	186.7	-6097.4	825.6	302.7	-6229.6
9.28			1106	581.7	-5013.7	840.8	719.1	-5163.5
6.25			6142	580.9	-7187.1	810.3	669.7	-7291.4
7.45			6150	-535.2	-7105.8	811.4	-429.2	-7230.5
11.44			1414	-533.1	-5094.3	839.7	-363.2	-5278.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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11.16	Max	Cent	60864.0	-115693.9	36224.9	68007.4	-122837.3
8.55			1106	190836.5	-147545.7	52018.6	198652.6
15.43			6142	-29425.5	-173090.8	42909.0	-17585.4
12.78			6150	-8013.5	-95405.1	20897.3	-3273.5
6.44			1414	186798.9	-39966.7	25915.1	189722.8
	Min	Cent	5206.8	-351169.0	1914.3	5217.1	-351179.3

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

0.31							
	1106	56617.8	-423972.5	10413.6	56843.3	-424198.1	
1.24							
	6142	-92237.0	-514354.5	6722.1	-92130.0	-514461.5	
0.91							
	6150	-55098.6	-301457.0	-4961.0	-54998.8	-301556.9	
-1.15							
	1414	42828.4	-164687.0	-3141.2	42876.0	-164734.5	
-0.87							

	NODE	Vxx	Vyy
Max	Cent	462.2	-129.3
	1106	536.1	-130.3
	6142	536.1	-115.4
	6150	390.6	-111.5
	1414	390.6	-130.3
Min	Cent	159.2	-393.4
	1106	187.7	-438.3
	6142	187.7	-354.0
	6150	126.1	-345.0
	1414	126.1	-438.3

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~2	Max	Cent	1073.4	-1862.2	4383.5	2652.5	-3295.1
19.81			1106	3077.6	-1414.6	4453.1	4731.1	-2723.6
20.37			6142	3073.3	-2307.1	4313.9	4236.1	-3384.1
15.08			6150	-14.0	-2274.0	4319.1	1454.5	-3801.1
30.61			1414	-13.2	-1448.2	4447.9	1749.7	-3310.2
37.35		Min	Cent	186.7	-9515.6	825.6	302.7	-11094.7
8.00			1106	581.7	-7262.0	840.8	719.1	-8915.5
9.28			6142	580.9	-11769.2	810.3	669.7	-12931.9
6.25			6150	-879.6	-11601.2	811.4	-429.2	-13124.6
7.45			1414	-875.7	-7430.0	839.7	-363.2	-9677.7
11.44								

	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
ANGLE								

	Max	Cent	106101.0	-115693.9	52067.9	109889.0	-122837.3	
4.16		1106	336544.7	-147545.7	86583.3	343418.3	-155361.9	
4.54		6142	-29425.5	-173090.8	68823.4	-17585.4	-184930.8	
15.43		6150	-8013.5	-95405.1	21039.4	-3273.5	-100145.0	
12.78		1414	328783.6	-39966.7	29418.2	330241.9	-42890.7	
2.84		Min	Cent	5206.8	-605808.0	1914.3	5217.1	-609596.0
0.31		1106	56617.8	-747229.4	10413.6	56843.3	-754103.0	
1.24		6142	-152451.5	-896125.2	6722.1	-146135.8	-902440.9	
5.24								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy
Max	Cent		162.4	12.4
	6142		105.7	8.7
	6143		110.3	17.4
	6151		213.5	17.4
	6150		218.6	8.4
Min	Cent		-5.3	-153.8
	6142		-3.7	-141.6
	6143		-3.9	-174.5
	6151		-6.8	-171.1
	6150		-7.6	-132.5

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.10	c mob-b	Max	Cent	173.3	30.2	703.5	808.9	-605.4
38.76			6142	370.6	60.2	700.9	933.2	-502.5
35.62			6143	499.0	19.1	706.5	1005.2	-487.1
43.82			6151	77.5	19.0	706.4	755.3	-658.8
44.26			6150	95.3	59.0	701.0	778.4	-624.1
-0.18		Min	Cent	-448.3	-2695.2	-7.0	-448.3	-2695.2
-0.14			6142	-91.7	-2934.4	-6.8	-91.7	-2934.5
-0.16			6143	-41.9	-2641.8	-7.4	-41.9	-2641.8
-0.28			6151	-1101.4	-2640.1	-7.4	-1101.4	-2640.1
-0.19			6150	-896.5	-2925.0	-6.8	-896.5	-2925.0

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
45.19		Max	Cent	2189.9	3192.3	77048.4	79741.1	-74358.9
45.55			6142	2136.7	5221.0	80871.7	84565.2	-77207.5
45.87			6143	1790.3	6628.8	79963.0	84209.1	-75790.0
44.95			6151	2781.1	2516.7	73312.5	75961.5	-70663.7
34.10			6150	55765.7	3109.3	65845.4	100351.4	-41476.4
-1.00		Min	Cent	-46579.5	-189723.4	-2489.0	-46536.3	-189766.6
-0.85			6142	-27010.3	-216826.0	-2831.9	-26968.1	-216868.3
-0.74			6143	-89513.9	-249486.0	-2077.4	-89486.9	-249513.0
-2.18			6151	-122011.2	-178854.6	-2171.9	-121928.3	-178937.5
-1.63			6150	-12128.9	-110500.9	-2795.5	-12049.5	-110580.3

		NODE	Vxx	Vyy
Max	Cent		158.6	12.0
	6142		103.3	8.5
	6143		107.7	17.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	6151	208.9	17.2
	6150	213.5	8.1
Min	Cent	-6.1	-149.3
	6142	-4.2	-137.5
	6143	-4.4	-169.3
	6151	-7.7	-166.0
	6150	-8.5	-128.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	-912.2	-8001.2	2102.7	-335.5	-8577.9
15.34		6142	456.7	-8154.9	2111.7	946.6	-8644.9
13.06		6143	1044.3	-7828.4	2092.5	1513.1	-8297.1
12.63		6151	-2847.7	-7834.2	2092.8	-2085.7	-8596.2
20.00		6150	-2262.2	-8149.1	2111.3	-1583.3	-8828.0
17.83							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-131701.7	-535680.0	222617.9	-33094.2	-634287.5
23.89	6142	-73527.3	-612667.2	234226.3	14016.1	-700210.6
20.49	6143	-253528.2	-705964.8	230486.5	-156793.4	-802699.7
22.77	6151	-351443.1	-508919.8	211394.2	-204599.5	-655763.4
34.79	6150	154661.6	-305752.2	190787.2	223444.6	-374535.2
19.83						

NODE	Vxx	Vyy

Cent	452.0	-423.9
6142	294.4	-397.2
6143	305.6	-473.0
6151	596.3	-463.4
6150	608.1	-372.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	vento -y	Cent	124.7	68.1	-38.6	144.2	48.6
-26.87		6142	99.1	-3.1	-34.4	109.6	-13.5
-16.97		6143	88.7	148.1	-43.3	170.9	66.0
-62.24		6151	160.9	145.4	-43.1	196.9	109.4
-39.93		6150	149.5	-0.4	-34.5	157.1	-7.9
-12.37							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	925.8	1271.0	-2532.7	3637.0	-1440.2
-46.95						

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-52.52		6142	-258.9	1348.6	-2992.8	3643.7	-2554.1
-49.06		6143	1543.3	2246.0	-2463.8	4383.4	-594.1
-39.37		6151	3052.3	2239.3	-2041.3	4727.2	564.4
-44.60		6150	-652.2	-720.1	-2417.7	1731.8	-3104.1

NODE	Vxx	Vyy
Cent	-3.4	1.9
6142	-3.1	3.1
6143	-2.7	0.6
6151	-4.1	0.5
6150	-3.8	3.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
3.31	cedime~1	Cent	288.2	-202.4	28.4	289.8	-204.0
3.44		6142	263.1	-452.7	43.2	265.6	-455.3
3.86		6143	254.5	78.8	11.9	255.3	78.0
2.80		6151	323.4	69.3	12.5	324.0	68.7
3.22		6150	311.2	-443.3	42.6	313.6	-445.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-13.66	Cent	-1883.9	-9042.9	-1848.7	-1434.7	-9492.1
-23.51	6142	-4100.7	-9746.7	-3028.9	-2783.3	-11064.1
-8.56	6143	-3477.6	-10631.5	-1101.8	-3311.7	-10797.4
-6.21	6151	-631.7	-6050.0	-596.8	-566.8	-6115.0
-13.22	6150	655.5	-9523.3	-2530.1	1249.7	-10117.5

NODE	Vxx	Vyy
Cent	0.8	-3.5
6142	-2.3	1.2
6143	-0.8	-9.1
6151	2.4	-9.0
6150	3.8	1.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
14.84	perm	Cent	-177.0	-2164.3	566.3	-26.9	-2314.4
12.63		6142	149.0	-2280.5	573.2	277.4	-2408.9
12.84		6143	289.6	-2033.8	558.7	417.0	-2161.1
19.30		6151	-637.9	-2038.2	558.9	-442.2	-2233.9

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			6150	-498.9	-2276.1	572.9	-330.3	-2444.8
16.41								
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

		Cent	-37504.5	-144347.9	63220.7	-8157.0	-173695.4	
24.90		6142	-20521.3	-164656.8	66780.8	5662.8	-190840.9	
21.41		6143	-71345.8	-191086.9	65457.6	-42508.0	-219924.7	
23.78		6151	-98792.0	-138860.7	59722.6	-55832.9	-181819.7	
35.73		6150	41444.2	-80338.5	54368.3	62184.2	-101078.5	
20.88								
		NODE	Vxx	Vyy				

		Cent	125.6	-114.7				
		6142	82.9	-109.4				
		6143	85.3	-125.9				
		6151	165.2	-123.2				
		6150	167.8	-102.6				
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								

	INV TO~1	Max	Cent	345.1	-2107.6	1585.8	1085.7	-2921.8
25.03			6142	912.3	-2154.1	1596.4	1528.6	-2844.6
21.11			6143	1223.4	-1890.7	1572.2	1879.0	-2546.4
22.64			6151	-178.7	-1905.8	1572.6	751.8	-2836.4
30.61			6150	-44.7	-2152.7	1595.9	722.8	-3048.7
25.68		Min	Cent	-915.2	-6114.3	551.6	-855.0	-6175.0
6.23			6142	-64.4	-6770.7	560.6	-14.6	-6822.6
5.08			6143	184.6	-5773.5	541.0	233.3	-5822.3
5.15			6151	-2334.5	-5771.9	541.4	-2251.3	-5855.2
8.74			6150	-1893.8	-6745.4	560.3	-1823.7	-6814.9
7.13								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	-32496.3	-139150.2	169570.5	91934.8	-263581.3
36.27			6142	-17085.9	-157505.4	178313.3	104342.1	-278933.5
34.25			6143	-67800.7	-182138.0	175923.9	60010.4	-309949.0
36.00			6151	-94025.6	-134130.8	161078.1	48243.2	-276399.6
41.45			6150	119686.3	-74448.2	145179.4	196749.3	-152166.6
28.16		Min	Cent	-103005.4	-417592.2	57291.7	-92896.4	-427701.2
10.01			6142	-61155.7	-476602.8	59118.6	-52906.9	-484851.7

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7.94							
	6143	-198040.8	-548594.3	60965.8	-187740.7	-558894.4	
9.59							
	6151	-267864.3	-393577.5	55522.2	-246853.9	-414587.8	
20.73							
	6150	25070.2	-244541.4	46893.0	33630.7	-252446.4	
9.57							

	NODE	Vxx	Vyy
Max	Cent	345.5	-98.0
	6142	225.5	-96.4
	6143	234.2	-102.4
	6151	455.8	-99.8
	6150	466.8	-89.6
Min	Cent	117.4	-325.9
	6142	74.9	-300.5
	6143	78.5	-370.6
	6151	154.8	-363.3
	6150	156.3	-281.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~2	Max	Cent	345.1	-2107.6	2838.6	1085.7	-2921.8
25.03			6142	912.3	-2154.1	2850.8	1528.6	-2844.6
21.11			6143	1409.9	-1890.7	2824.9	2042.6	-2546.4
12.63			6151	-178.7	-1905.8	2825.3	751.8	-2836.4
30.61			6150	-44.7	-2152.7	2850.3	722.8	-3048.7
25.68		Min	Cent	-1231.5	-10801.6	551.6	-855.0	-11580.2
6.23			6142	-64.4	-11009.2	560.6	-14.6	-11670.6
5.08			6143	184.6	-10568.4	541.0	233.3	-11201.1
5.15			6151	-3844.4	-10576.2	541.4	-2815.7	-11604.8
20.00			6150	-3054.0	-11001.3	560.3	-2137.4	-11917.9
17.83								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	-32496.3	-139150.2	300534.2	91934.8	-263581.3	
36.27		6142	-17085.9	-157505.4	316205.6	104342.1	-278933.5	
34.25		6143	-67800.7	-182138.0	311156.8	60010.4	-309949.0	
36.00		6151	-94025.6	-134130.8	285382.1	48243.2	-276399.6	
41.45		6150	208793.2	-74448.2	257562.7	301650.3	-152166.6	
19.83		Min	Cent	-177797.3	-723168.0	57291.7	-92896.4	-856288.2
10.01		6142	-99261.9	-827100.7	59118.6	-52906.9	-945284.3	
7.94		6143	-342263.1	-953052.5	60965.8	-211671.1	-1083644.6	
22.77		6151	-474448.3	-687041.8	55522.2	-276209.4	-885280.7	
34.79								

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Max	Cent	343.3	11.7
	6143	7.4	18.6
	6144	7.4	4.3
	6152	697.5	3.7
	6151	697.5	20.6
Min	Cent	-12.7	-173.7
	6143	-5.0	-181.8
	6144	-5.0	-141.0
	6152	-22.7	-115.7
	6151	-22.7	-257.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.66	c mob-b	Max Cent	142.0	12.6	791.6	871.5	-716.9
45.06		6143	21.2	24.5	733.9	756.7	-711.0
50.69		6144	21.5	363.5	849.5	1059.1	-674.1
43.87		6152	656.3	588.8	858.8	1482.0	-236.9
33.30		6151	653.9	26.4	724.7	1129.8	-449.6
-5.93		Min Cent	-977.2	-1332.4	-37.3	-973.4	-1336.2
-1.24		6143	-948.0	-2936.0	-42.9	-947.1	-2936.9
-88.05		6144	-944.2	-12.1	-31.7	-11.1	-945.3
-88.53		6152	-1217.4	-10.7	-30.9	-9.9	-1218.2
-1.28		6151	-1221.3	-3191.1	-44.0	-1220.3	-3192.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.91	Max Cent	2974.4	2197.1	128795.9	131382.2	-126210.8
45.77	6143	1225.2	6119.9	91473.7	95179.0	-87833.8
45.26	6144	1123.6	2356.8	69126.3	70869.3	-67388.8
44.77	6152	2947.6	463.3	156721.5	158431.9	-155021.0
44.38	6151	10620.3	2706.4	182431.8	189138.1	-175811.4
-2.38	Min Cent	-104457.9	-145444.0	-1705.4	-104387.1	-145514.9
-0.54	6143	-99268.1	-277942.0	-1694.7	-99252.0	-277958.0
-14.52	6144	-59663.8	-63486.9	-1061.1	-59389.0	-63761.7
-89.42	6152	-251122.3	-34226.9	-2205.0	-34204.5	-251144.7
-0.75	6151	-27712.6	-207977.0	-2352.2	-27681.9	-208007.7

	NODE	Vxx	Vyy
Max	Cent	335.4	11.8
	6143	7.5	18.4
	6144	7.5	4.7
	6152	681.4	4.0
	6151	681.4	20.6

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Min	Cent	-13.3	-168.7
	6143	-4.5	-176.4
	6144	-4.5	-136.9
	6152	-24.6	-112.3
	6151	-24.6	-250.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.84	pp	Cent	-2430.2	-3815.2	2092.5	-918.6	-5326.9
16.99		6143	-2852.7	-8544.9	1918.7	-2266.3	-9131.2
64.82		6144	-2839.9	914.5	2266.4	1980.2	-3905.6
64.26		6152	-1985.9	1666.9	2294.1	2772.8	-3091.8
13.70		6151	-2000.7	-9297.3	1891.0	-1539.7	-9758.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.58	Cent	-299333.6	-413927.0	368639.0	16434.9	-729695.5
22.91	6143	-282692.6	-788538.2	260210.6	-172738.7	-898492.1
44.27	6144	-168531.9	-178513.4	196332.4	22873.2	-369918.5
62.37	6152	-718590.4	-98141.7	447338.5	136015.1	-952747.2
31.09	6151	-42187.1	-594271.3	523006.5	273154.8	-909613.2

NODE	Vxx	Vyy
Cent	945.7	-473.0
6143	10.6	-491.8
6144	10.6	-385.5
6152	1927.8	-315.0
6151	1927.8	-703.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-37.26	vento -y	Cent	179.9	111.0	-124.3	274.4	16.5
-58.39		6143	83.5	205.5	-120.8	279.9	9.2
-37.68		6144	83.3	16.5	-127.8	182.0	-82.2
-21.28		6152	281.0	1.5	-128.3	331.0	-48.5
-37.91		6151	281.3	220.6	-120.3	375.0	126.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-44.40	Cent	1945.6	1836.3	-2626.2	4517.7	-735.9
-55.64	6143	958.5	2906.3	-2500.5	4615.8	-751.1

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-45.71		6144	475.2	552.4	-1554.4	2068.7	-1041.0
-26.51		6152	4694.8	771.8	-2605.7	5994.7	-528.2
-50.25		6151	1789.5	3148.4	-3669.6	6200.9	-1263.0

NODE	Vxx	Vyy
Cent	-4.1	1.0
6143	0.1	0.5
6144	0.1	1.2
6152	-8.4	0.9
6151	-8.4	1.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-33.71	cedime~1	Cent	369.5	154.5	-258.5	542.0	-18.0
-55.59		6143	17.5	216.0	-256.2	391.5	-158.1
-49.13		6144	17.3	93.0	-260.8	318.6	-208.4
-19.26		6152	739.3	83.2	-261.1	830.5	-8.1
-22.44		6151	739.5	225.7	-255.9	845.2	120.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
34.90	Cent	-2858.8	-4910.1	2787.5	-914.3	-6854.6
4.12	6143	-4840.2	-10975.6	444.6	-4808.2	-11007.7
57.57	6144	-3852.4	-2500.9	1440.1	-1585.9	-4767.4
61.77	6152	-6705.7	-385.2	4766.2	2173.3	-9264.2
18.58	6151	3979.9	-5777.9	3697.9	5222.9	-7021.0

NODE	Vxx	Vyy
Cent	15.0	-8.3
6143	1.4	-10.1
6144	1.4	-5.5
6152	29.2	-4.4
6151	29.2	-13.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
33.27	perm	Cent	-529.0	-956.5	492.6	-205.7	-1279.7
16.59		6143	-806.8	-2176.4	447.7	-673.4	-2309.8
67.39		6144	-803.5	263.5	537.4	487.2	-1027.3
61.26		6152	-237.0	457.5	544.6	756.1	-535.6
11.24		6151	-240.8	-2370.4	440.6	-153.3	-2458.0

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
40.95		Cent	-83721.4	-113063.6	103044.0	5690.6	-202475.6
23.64		6143	-77292.3	-214181.6	74095.7	-44866.5	-246607.3
44.51		6144	-46348.9	-48254.2	55358.1	8064.7	-102667.8
62.46		6152	-200390.7	-27532.0	123831.4	37049.4	-264972.1
31.53		6151	-14994.7	-163346.2	145900.4	74502.9	-252843.8
		NODE	Vxx	Vyy			
		Cent	259.3	-126.9			
		6143	3.1	-130.8			
		6144	3.1	-104.2			
		6152	528.3	-84.9			
		6151	528.3	-188.7			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.17	INV TO~1 Max	Cent	53.6	-751.4	1694.1	1142.0	-1839.8
33.58		6143	-746.6	-1868.3	1567.0	276.2	-2733.1
56.29		6144	-743.2	847.2	1821.5	1969.5	-1699.6
44.52		6152	1405.2	1352.1	1841.8	2959.5	-202.2
18.43		6151	1397.9	-2046.0	1546.8	1828.1	-2476.1
22.71	Min	Cent	-2055.9	-2890.4	164.9	-1878.7	-3067.6
1.65		6143	-2107.9	-6390.7	117.8	-2087.1	-6423.1
78.99		6144	-2099.4	234.8	211.4	326.7	-2191.3
80.30		6152	-2290.2	435.4	218.7	517.4	-2372.2
4.48		6151	-2299.6	-6947.6	110.2	-2270.9	-6976.2
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.42	Max	Cent	-78257.0	-109435.4	284270.5	188068.2	-375760.6
35.96		6143	-75180.5	-205919.7	200642.9	70050.4	-351150.6
44.94		6144	-44413.0	-45072.5	152412.6	106230.1	-186158.1
52.11		6152	-195530.5	-26805.9	345127.4	241338.5	-461828.7
38.95		6151	8733.4	-158008.7	402103.5	333725.2	-483259.9
33.28	Min	Cent	-230843.9	-319979.5	100018.6	-163361.0	-387462.5
10.01		6143	-219884.9	-611411.3	70889.0	-207293.3	-624002.9
		6144	-132697.5	-139012.9	53342.0	-80982.2	-200332.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.35							
		6152	-554563.6	-75262.9	120013.2	-46168.4	-585102.4
76.55							
		6151	-53232.2	-457969.3	141688.6	-8032.9	-504408.8
17.69							

		NODE	Vxx	Vyy
Max	Cent		737.6	-111.0
	6143		14.6	-105.6
	6144		14.6	-97.8
	6152		1499.2	-79.5
	6151		1499.2	-160.9
Min	Cent		241.3	-369.7
	6143		-3.6	-386.2
	6144		-3.6	-300.1
	6152		495.2	-245.6
	6151		495.2	-549.7

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	INV TO~2	Max	Cent	53.6	-751.4	2824.9	1142.0	-1839.8
37.17			6143	-746.6	-1868.3	2590.2	276.2	-2733.1
33.58			6144	-743.2	1234.5	3059.7	2673.2	-1699.6
64.82			6152	1405.2	2250.3	3097.0	3743.3	-202.2
64.26			6151	1397.9	-2046.0	2552.8	1828.1	-2476.1
18.43		Min	Cent	-3280.8	-5150.5	164.9	-1878.7	-7191.3
22.71			6143	-3851.1	-11535.6	117.8	-3059.6	-12327.1
16.99			6144	-3833.8	234.8	211.4	326.7	-5272.5
78.99			6152	-2680.9	435.4	218.7	517.4	-4173.9
80.30			6151	-2700.9	-12551.4	110.2	-2270.9	-13173.7
4.48								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								

		Max	Cent	-78257.0	-109435.4	497662.7	188068.2	-375760.6
43.42			6143	-75180.5	-205919.7	351284.3	70050.4	-351150.6
35.96			6144	-44413.0	-45072.5	265048.8	106230.1	-186158.1
44.94			6152	-195530.5	-26805.9	603907.0	241338.5	-461828.7
52.11			6151	8733.4	-158008.7	706058.8	368759.0	-483259.9
31.09		Min	Cent	-404100.3	-558801.5	100018.6	-163361.0	-985088.9
33.28			6143	-381635.0	-1064526.6	70889.0	-233197.3	-1212964.3
22.91			6144	-227518.1	-240993.0	53342.0	-80982.2	-499389.9
43.35			6152	-970097.0	-132491.4	120013.2	-46168.4	-1286208.8
76.55			6151	-56952.6	-802266.2	141688.6	-8032.9	-1227977.8
17.69								

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	NODE	Vxx	Vyy
Max	Cent	1276.7	-111.0
	6143	14.6	-105.6
	6144	14.6	-97.8
	6152	2602.6	-79.5
	6151	2602.6	-160.9
Min	Cent	241.3	-638.6
	6143	-3.6	-663.9
	6144	-3.6	-520.4
	6152	495.2	-425.3
	6151	495.2	-949.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6353	1	5	c mob-a	Max	Cent	294.7	90.5	406.0	611.2	-226.0
	37.94				6144	64.8	568.7	377.2	770.4	-136.9
	61.87				6145	64.7	7.5	434.8	471.8	-399.6
	43.12				6153	955.1	7.8	436.1	1125.3	-162.4
	21.32				6152	958.3	590.3	376.0	1192.9	355.7
	31.96			Min	Cent	-256.8	-11.9	-21.9	-9.9	-258.7
	-84.92				6144	-721.2	-5.8	-23.4	-5.1	-722.0
	-88.13				6145	-724.7	-426.1	-20.9	-424.7	-726.1
	-86.01				6153	-127.6	-448.0	-20.9	-126.2	-449.3
	-3.71				6152	-127.2	-6.0	-23.5	-1.6	-131.6
	-79.42									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	1564.3	916.5	53492.0	54733.4	-52252.5
	44.83				6144	1963.8	2327.8	44338.8	46484.9	-42193.3
	45.12				6145	1807.8	1275.3	51885.3	53427.5	-50344.4
	44.85				6153	2685.0	384.1	54673.8	56220.5	-53151.3
	44.40				6152	3965.0	2209.6	51217.2	54312.0	-48137.4
	44.51			Min	Cent	-124544.2	-41456.0	-1696.2	-41421.4	-124578.8
	-88.83				6144	-139414.8	-83118.6	-1784.9	-83062.0	-139471.4
	-88.19				6145	-140768.0	-61827.5	-1613.9	-61794.6	-140801.0
	-88.83				6153	-190155.8	-22058.0	-1492.3	-22044.7	-190169.0
	-89.49				6152	-30207.1	-864.6	-1736.9	-762.2	-30309.5
	-86.62									
				NODE	Vxx	Vyy				
				Max	Cent	185.3	3.2			
					6144	14.8	4.3			

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	6145	14.8	2.3
	6153	359.3	2.1
	6152	359.3	4.4
Min	Cent	-6.3	-115.5
	6144	-4.8	-140.8
	6145	-4.8	-110.0
	6153	-9.4	-82.5
	6152	-9.4	-128.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

37.31	c mob-b	Max Cent	287.9	87.1	364.9	565.9	-190.9
63.37		6144	48.8	552.0	337.0	721.0	-120.2
43.37		6145	48.7	3.9	392.8	419.8	-367.1
19.75		6153	959.8	4.1	394.0	1101.3	-137.5
29.93		6152	963.0	573.0	335.8	1156.3	379.7
-85.15		Min Cent	-191.5	-14.8	-15.1	-13.5	-192.8
-88.45		6144	-664.3	-4.9	-17.9	-4.4	-664.8
-87.06		6145	-667.7	-413.3	-13.1	-412.6	-668.4
-2.04		6153	-70.3	-434.4	-13.0	-69.8	-434.9
-75.49		6152	-70.1	-5.0	-18.0	-0.3	-74.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

44.92	Max Cent	1354.5	1058.6	52367.4	53574.2	-51161.0	
45.32		6144	1636.3	2595.0	43470.8	-41357.8	
44.97		6145	1590.0	1466.9	50772.1	-49243.7	
44.51		6153	2143.6	316.5	53455.0	-52232.7	
44.93		6152	2482.8	2234.2	50130.3	-47772.0	
-89.02	Min Cent	-121247.7	-40250.8	-1381.8	-40227.3	-121271.3	
-88.47		6144	-135618.8	-80683.6	-1467.1	-80644.4	-135657.9
-89.04		6145	-136954.4	-60055.0	-1287.0	-60033.5	-136975.9
-89.58		6153	-185328.9	-21514.6	-1210.6	-21505.6	-185337.8
-87.08		6152	-28879.7	-698.4	-1440.7	-625.0	-28953.2

	NODE	Vxx	Vyy

Max	Cent	180.3	3.6
	6144	14.3	4.8
	6145	14.3	2.7
	6153	350.2	2.5
	6152	350.2	4.7
Min	Cent	-5.7	-112.1
	6144	-5.6	-136.7

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6145 -5.6 -106.9
 6153 -8.4 -80.0
 6152 -8.4 -124.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	pp	Cent	60.0	208.8	992.3	1129.5	-860.7
47.14		6144	-1924.9	1667.1	905.7	1882.6	-2140.4
76.62		6145	-1935.2	-1249.5	1078.9	-460.3	-2724.4
53.81		6153	2073.7	-1314.3	1082.7	2390.2	-1630.8
16.29		6152	2084.5	1731.9	901.9	2827.1	989.3
39.47							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	-343819.9	-113375.7	146953.5	-41858.7	-415336.8
64.05	6144	-384569.4	-227256.3	120748.8	-161804.8	-450020.9
61.54	6145	-387069.1	-168896.7	142618.5	-98428.3	-457537.4
63.71	6153	-527304.6	-61461.3	150687.2	-16967.8	-571798.0
73.55	6152	-76421.9	3789.0	140297.4	109600.6	-182233.6
52.98						

NODE Vxx Vyy

 Cent 505.9 -314.8
 6144 30.3 -384.8
 6145 30.3 -301.2
 6153 988.5 -222.7
 6152 988.5 -349.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----	vento -y	Cent	56.1	18.3	-48.4	89.2	-14.8
-34.35		6144	80.3	-15.8	-46.4	99.1	-34.6
-21.99		6145	80.6	52.5	-50.5	118.9	14.1
-37.21		6153	31.4	54.0	-50.5	94.5	-9.1
-51.29		6152	31.2	-17.3	-46.3	59.2	-45.4
-31.17							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----	Cent	1188.7	355.4	-1473.6	2303.4	-759.3
-37.11	6144	1484.3	770.0	-1378.2	2550.9	-296.6
-37.74	6145	956.0	404.6	-1378.5	2086.0	-725.5
-39.34						

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-24.72		6153	2774.5	402.3	-1385.7	3412.5	-235.6
-47.94		6152	-457.8	-153.1	-1478.5	1180.9	-1791.9

NODE	Vxx	Vyy
Cent	-3.0	0.8
6144	1.0	1.3
6145	1.0	0.9
6153	-7.0	0.2
6152	-7.0	1.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-31.58	cedime~1	Cent	141.4	48.2	-92.1	198.0	-8.4
-36.40		6144	89.0	32.6	-91.2	156.3	-34.6
-41.13		6145	89.2	63.9	-93.0	170.4	-17.4
-27.53		6153	194.6	64.6	-93.1	243.1	16.1
-24.14		6152	194.5	31.9	-91.1	235.3	-8.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
80.67	Cent	-6006.4	-1609.2	742.1	-1487.3	-6128.3
82.34	6144	-5724.7	-2942.9	381.1	-2891.7	-5776.0
80.38	6145	-8122.3	-3034.5	888.2	-2883.9	-8272.9
82.33	6153	-7593.7	-552.9	965.9	-422.8	-7723.8
79.01	6152	-2583.0	93.8	540.0	198.6	-2687.8

NODE	Vxx	Vyy
Cent	8.1	-5.0
6144	5.1	-5.3
6145	5.1	-5.0
6153	11.0	-4.5
6152	11.0	-5.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
42.78	perm	Cent	83.3	47.1	232.9	298.8	-168.5
77.99		6144	-497.9	442.2	209.5	486.7	-542.5
53.29		6145	-500.7	-347.9	256.4	-156.8	-691.8
13.19		6153	672.8	-365.5	257.4	733.2	-425.8
31.30		6152	675.7	459.7	208.4	802.5	333.0

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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ANGLE

ANGLE							
63.44	Cent	-93934.2	-30664.9	42169.8	-9583.0	-115016.1	
60.92	6144	-105073.3	-61489.2	35085.0	-41979.3	-124583.2	
63.04	6145	-105028.2	-45549.8	40819.0	-24785.5	-125792.6	
73.18	6153	-146120.6	-17129.9	42920.7	-4153.7	-159096.8	
52.27	6152	-19544.7	1420.6	40427.6	32702.5	-50826.6	

NODE Vxx Vyy

Cent	141.1	-84.9
6144	6.7	-104.1
6145	6.7	-81.6
6153	277.4	-59.4
6152	277.4	-94.1

ANGLE

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
36.81	INV TO~1	Max	Cent	622.6	217.5	781.0	1138.1	-172.0
69.21			6144	-321.4	1242.6	718.8	1482.8	-542.1
46.28			6145	-324.2	-274.0	843.4	468.6	-1049.8
15.77			6153	2163.1	-290.5	846.1	2375.8	-503.2
27.40			6152	2170.2	1288.5	716.0	2494.1	964.6
65.79		Min	Cent	-263.4	27.1	111.2	125.4	-471.2
84.71	6144		-1471.5	434.3	86.7	450.7	-1488.0	
70.31	6145		-1479.0	-923.2	135.1	-841.6	-1560.7	
8.66	6153		500.6	-970.2	136.2	535.5	-1005.1	
40.78	6152		504.0	451.7	85.6	656.5	299.2	

ANGLE

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
52.65	Max	Cent	Cent	-91822.3	-29235.8	115126.0	58058.3	-179116.4
51.59			6144	-102422.2	-57985.9	95323.5	17303.4	-177711.5
52.45			6145	-102587.7	-43569.5	111752.3	41645.6	-187802.7
59.17			6153	-142495.9	-16611.3	117696.2	53065.0	-212172.2
47.43			6152	-14192.0	4530.6	110110.8	105088.4	-78694.6
77.84	Min	Cent	Cent	-268075.2	-88239.8	39879.9	-79489.6	-276825.3
75.81			6144	-299008.0	-176642.2	32675.5	-168283.1	-307367.1
77.60			6145	-303187.4	-132051.5	38640.2	-123362.5	-311876.4
			6153	-410424.7	-47461.0	40906.0	-42693.3	-415192.4

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83.50
64.25

	NODE	Vxx	Vyy
Max	Cent	399.2	-79.9
	6144	31.8	-97.7
	6145	31.8	-77.9
	6153	773.5	-56.1
	6152	773.5	-87.8
Min	Cent	132.6	-245.7
	6144	-0.8	-299.4
	6145	-0.8	-235.0
	6153	264.7	-175.3
	6152	264.7	-272.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
47.14	INV TO~2	Max	Cent	622.6	281.9	1339.6	1524.8	-172.0
76.62			6144	-321.4	2250.6	1222.7	2541.5	-542.1
46.28			6145	-324.2	-274.0	1456.5	468.6	-1049.8
16.29			6153	2799.5	-290.5	1461.7	3226.8	-503.2
39.47			6152	2814.0	2338.1	1217.5	3816.6	1335.5
65.79		Min	Cent	-263.4	27.1	111.2	125.4	-1161.9
84.71			6144	-2598.7	434.3	86.7	450.7	-2889.5
70.31			6145	-2612.5	-1686.9	135.1	-841.6	-3678.0
8.66			6153	500.6	-1774.3	136.2	535.5	-2201.5
40.78			6152	504.0	451.7	85.6	656.5	299.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
52.65	Max	Cent	-91822.3	-29235.8	198387.2	58058.3	-179116.4	
51.59			6144	-102422.2	-57985.9	163010.9	17303.4	-177711.5
52.45			6145	-102587.7	-43569.5	192535.0	41645.6	-187802.7
59.17			6153	-142495.9	-16611.3	203427.7	53065.0	-212172.2
52.98			6152	-14192.0	5115.2	189401.4	147960.9	-78694.6
77.84	Min	Cent	-464156.8	-153057.1	39879.9	-79489.6	-560704.7	
61.54			6144	-519168.8	-306795.9	32675.5	-218436.5	-607528.2
63.71			6145	-522543.2	-228010.5	38640.2	-132878.2	-617675.5
83.50			6153	-711861.2	-82972.7	40906.0	-42693.3	-771927.3
64.25			6152	-103169.6	253.4	38082.8	18623.7	-246015.3

NODE Vxx Vyy

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Max	Cent	683.0	-79.9
	6144	41.0	-97.7
	6145	41.0	-77.9
	6153	1334.5	-56.1
	6152	1334.5	-87.8
Min	Cent	132.6	-424.9
	6144	-0.8	-519.4
	6145	-0.8	-406.7
	6153	264.7	-300.6
	6152	264.7	-471.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6354	1	5	c mob-a	Max	Cent	632.2	3.1	107.9	650.2	-14.9
	9.47				6145	583.9	4.5	107.5	603.3	-14.8
	10.18				6146	583.9	42.3	108.3	604.8	21.5
	10.90				6154	720.3	23.7	108.2	736.7	7.3
	8.63				6153	720.3	4.2	107.6	736.1	-11.6
	8.36			Min	Cent	-57.3	-258.1	-134.0	9.8	-325.1
	-26.58				6145	-64.1	-437.4	-134.9	-20.4	-481.0
	-17.93				6146	-64.1	-120.1	-133.1	43.9	-228.0
	-39.06				6154	-56.0	-141.1	-133.2	41.3	-238.4
	-36.14				6153	-56.0	-398.0	-134.7	-9.3	-444.7
	-19.12									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	1659.0	825.0	17569.4	18816.3	-16332.4
	44.32				6145	1993.9	1457.5	15061.8	16789.8	-13338.5
	44.49				6146	2016.4	1337.1	19025.5	20705.4	-17351.8
	44.49				6154	2439.9	617.4	20113.2	21662.4	-18605.2
	43.70				6153	2404.6	582.7	14171.2	15694.1	-12706.9
	43.16			Min	Cent	-133144.0	-42593.4	-2496.5	-42524.6	-133212.7
	-88.42				6145	-145845.9	-69762.8	-2716.0	-69665.9	-145942.7
	-87.96				6146	-147162.3	-66753.6	-2457.0	-66678.6	-147237.3
	-88.25				6154	-137360.1	-21715.6	-2164.1	-21675.1	-137400.6
	-88.93				6153	-103868.9	-13015.9	-2518.2	-12946.1	-103938.7
	-88.41									
				NODE	Vxx	Vyy				
				Max	Cent	54.5	2.2			
					6145	9.3	2.6			
					6146	9.3	2.1			
					6154	99.8	2.2			

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	Min	6153	99.8	2.6
	Cent		-8.1	-105.9
		6145	-3.9	-110.5
		6146	-3.9	-100.9
		6154	-13.3	-107.6
		6153	-13.3	-104.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
7.36	c mob-b	Max Cent	623.0	2.3	81.5	633.6	-8.3
7.18		6145	637.8	3.4	81.2	648.0	-6.8
7.94		6146	637.8	61.3	81.9	649.2	49.9
6.85		6154	707.1	35.2	81.9	716.9	25.3
6.50		6153	707.1	3.1	81.2	716.4	-6.1
-27.14		Min Cent	-39.4	-248.4	-145.4	35.1	-323.0
-18.24		6145	-41.4	-437.3	-146.4	6.8	-485.6
-38.38		6146	-41.4	-109.3	-144.3	72.9	-223.7
-36.17		6154	-38.5	-130.5	-144.5	67.2	-236.1
-19.66		6153	-38.5	-395.6	-146.2	13.8	-447.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.42	Max Cent	1548.6	821.8	17827.3	19016.2	-16645.8
44.83	6145	1880.6	1689.5	15726.2	17511.6	-13941.5
44.63	6146	1719.3	1228.5	19156.4	20631.9	-17684.1
43.98	6154	1912.3	474.5	20183.5	21389.6	-19002.9
43.88	6153	1648.0	488.5	14881.7	15961.2	-13824.7
-88.53	Min Cent	-129370.7	-41383.8	-2261.9	-41325.7	-129428.8
-88.11	6145	-141680.0	-67709.5	-2440.9	-67629.0	-141760.4
-88.38	6146	-143016.4	-64912.2	-2213.2	-64849.5	-143079.1
-88.99	6154	-133669.3	-21212.6	-1986.3	-21177.5	-133704.4
-88.50	6153	-100197.1	-12420.1	-2303.8	-12359.7	-100257.6

	NODE	Vxx	Vyy
Max	Cent	54.4	2.4
	6145	8.2	2.9
	6146	8.2	2.1
	6154	99.9	2.1
	6153	99.9	3.0
Min	Cent	-7.4	-102.8
	6145	-4.7	-107.4
	6146	-4.7	-97.9
	6154	-12.3	-104.8

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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6153			-12.3	-101.5			
ANGLE							

	pp	Cent	1763.0	-753.8	-32.1	1763.4	-754.2
-0.73		6145	1500.6	-1284.0	-34.8	1501.1	-1284.4
-0.72		6146	1500.7	-223.6	-29.4	1501.2	-224.1
-0.97		6154	2007.3	-325.9	-29.9	2007.7	-326.3
-0.73		6153	2007.3	-1181.7	-34.3	2007.6	-1182.0
-0.62							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

80.51		Cent	-364443.0	-116465.4	42666.6	-109329.6	-371578.8
		6145	-398896.7	-190132.0	34337.9	-184629.1	-404399.6
80.90		6146	-402943.9	-182760.7	46956.8	-173164.8	-412539.8
78.45		6154	-379068.5	-59535.8	51064.2	-51573.7	-387030.7
81.14		6153	-275604.5	-33166.5	32479.8	-28890.6	-279880.5
82.50							
		NODE	Vxx	Vyy			

		Cent	136.6	-288.8			
		6145	15.1	-302.5			
		6146	15.1	-273.9			
		6154	249.8	-295.6			
		6153	249.8	-283.2			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	vento -y	Cent	-21.9	10.2	0.9	10.2	-21.9
88.47		6145	-78.8	48.6	1.1	48.6	-78.8
89.52		6146	-78.8	-28.3	0.7	-28.3	-78.8
89.25		6154	31.1	-20.9	0.7	31.1	-20.9
0.77		6153	31.1	41.2	1.0	41.3	31.0
84.30							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	646.4	232.1	-1144.6	1602.4	-723.9
-39.87		6145	834.3	424.8	-1107.4	1755.8	-496.7
-39.76		6146	558.7	287.6	-1118.7	1550.1	-703.7
-41.55		6154	1730.1	413.6	-1118.4	2369.6	-225.9
-29.76							

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78.72	Cent	-98358.0	-31360.3	13916.0	-28584.8	-101133.5
78.80	6145	-107773.4	-51174.2	11661.9	-48865.5	-110082.1
76.56	6146	-108513.8	-49171.7	15038.8	-45578.1	-112107.4
79.98	6154	-104728.9	-16743.3	16055.5	-13905.1	-107567.1
80.44	6153	-72074.7	-8279.3	11061.9	-6415.7	-73938.3

NODE	Vxx	Vyy
Cent	42.2	-77.7
6145	2.9	-81.9
6146	2.9	-73.1
6154	78.8	-80.1
6153	78.8	-75.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
3.26	INV TO~1	Max	Cent	1348.8	-192.4	87.9	1353.5	-197.4
2.90			6145	1338.4	-318.1	86.5	1342.8	-320.3
3.98			6146	1338.5	59.3	89.4	1344.7	53.1
2.08			6154	1594.9	-9.4	89.1	1597.1	-14.7
1.77			6153	1594.9	-295.5	86.8	1596.7	-297.3
-13.91		Min	Cent	417.8	-553.4	-282.5	480.7	-629.6
-12.81			6145	272.3	-960.2	-284.5	337.0	-1007.2
-23.58			6146	272.3	-247.9	-280.5	394.7	-370.3
-18.21			6154	436.0	-299.4	-280.9	519.0	-384.1
-10.67			6153	436.0	-873.6	-284.1	484.2	-921.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
65.46	Max	Cent	-96118.4	-30246.5	37982.8	-12908.5	-113456.4
65.25		6145	-105081.7	-48893.3	32892.3	-33730.3	-120244.8
62.77		6146	-105791.7	-47366.6	40900.0	-26318.0	-126840.3
67.32		6154	-101435.0	-15909.9	43303.2	2186.4	-119531.3
67.28		6153	-68828.5	-7492.7	31152.2	5554.1	-81875.4
87.16	Min	Cent	-286146.9	-91237.9	9696.8	-90756.6	-286628.2
87.52		6145	-312697.5	-148680.8	7129.3	-148371.5	-313006.8
86.32		6146	-316968.2	-143619.4	11199.5	-142898.8	-317688.8
87.15		6154	-296824.3	-46954.6	12450.3	-46335.7	-297443.2
		6153	-219989.9	-26803.2	6537.9	-26582.2	-220210.9

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	NODE	Vxx	Vyy
Max	Cent	116.7	-74.4
	6145	20.3	-77.9
	6146	20.3	-70.2
	6154	213.7	-77.1
	6153	213.7	-71.6
Min	Cent	31.2	-226.5
	6145	-3.4	-236.1
	6146	-3.4	-216.0
	6154	58.3	-231.5
	6153	58.3	-222.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-0.73	INV TO~2	Max	Cent	2380.0	-192.4	87.9	2380.6	-197.4
-0.72			6145	2025.9	-318.1	86.5	2026.5	-320.3
-0.97			6146	2025.9	59.3	89.4	2026.6	53.1
-0.73			6154	2709.8	-9.4	89.1	2710.3	-14.7
-0.62			6153	2709.8	-295.5	86.8	2710.3	-297.3
-13.91		Min	Cent	417.8	-1017.6	-282.5	480.7	-1018.1
-12.81			6145	272.3	-1733.4	-284.5	337.0	-1733.9
-23.58			6146	272.3	-301.8	-280.5	394.7	-370.3
-18.21			6154	436.0	-439.9	-280.9	519.0	-440.5
-10.67			6153	436.0	-1595.2	-284.1	484.2	-1595.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
65.46	Max	Cent	-96118.4	-30246.5	57600.0	-12908.5	-113456.4	
65.25		6145	-105081.7	-48893.3	46356.2	-33730.3	-120244.8	
62.77		6146	-105791.7	-47366.6	63391.6	-26318.0	-126840.3	
67.32		6154	-101435.0	-15909.9	68936.6	2186.4	-119531.3	
67.28		6153	-68828.5	-7492.7	43847.8	5554.1	-81875.4	
80.51		Min	Cent	-491998.1	-157228.3	9696.8	-147594.9	-501631.4
80.90			6145	-538510.6	-256678.2	7129.3	-249249.3	-545939.5
78.45			6146	-543974.3	-246726.9	11199.5	-233772.4	-556928.8
81.14			6154	-511742.5	-80373.3	12450.3	-69624.5	-522491.4
82.50			6153	-372066.1	-44774.8	6537.9	-39002.3	-377838.6

	NODE	Vxx	Vyy
Max	Cent	184.5	-74.4

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	6145	20.4	-77.9
	6146	20.4	-70.2
	6154	337.2	-77.1
	6153	337.2	-71.6
Min	Cent	31.2	-389.9
	6145	-3.4	-408.4
	6146	-3.4	-369.8
	6154	58.3	-399.0
	6153	58.3	-382.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6355	1	5	c mob-a	Max	Cent	467.0	142.9	70.3	481.6	128.2
	11.73				6146	75.6	7.2	65.4	115.2	-32.4
	31.18				6147	75.8	356.8	75.5	375.8	56.8
	75.88				6155	971.3	370.5	75.8	980.8	361.1
	7.08				6154	970.4	7.0	65.0	974.8	2.6
	3.84			Min	Cent	-121.0	-7.6	-184.8	129.0	-257.6
	-53.53				6146	-306.8	-99.4	-192.9	16.0	-422.1
	-59.13				6147	-306.1	-6.5	-176.7	75.3	-387.9
	-65.15				6155	-98.3	-6.6	-176.2	129.6	-234.5
	-52.29				6154	-98.3	-112.9	-193.5	88.0	-299.2
	-43.92									
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	1553.7	782.2	2266.4	3466.9	-1131.1
	40.17				6146	1899.5	1152.2	1999.2	3559.7	-508.0
	39.71				6147	1834.0	1987.3	2729.3	4641.0	-819.7
	45.80				6155	3646.7	1420.8	2425.6	5202.4	-135.0
	32.68				6154	3027.8	414.9	1797.6	3943.6	-500.8
	27.00			Min	Cent	-119527.8	-37068.6	-32792.1	-25618.0	-130978.4
	-70.75				6146	-139744.3	-56651.6	-32456.7	-45476.6	-150919.2
	-71.00				6147	-124377.5	-71934.3	-23698.9	-62811.8	-133500.0
	-68.95				6155	-40074.2	-2198.6	-27995.1	12662.5	-54935.4
	-62.04				6154	-179143.9	-20042.8	-33370.5	-13327.0	-185859.7
	-78.62									
					NODE	Vxx	Vyy			
				Max	Cent	5.8	2.5			
					6146	2.8	2.0			
					6147	2.8	3.6			
					6155	9.0	3.6			
					6154	9.0	1.7			
				Min	Cent	-121.7	-107.0			

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6146 -27.3 -97.9
 6147 -27.3 -124.8
 6155 -218.2 -124.8
 6154 -218.2 -80.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
9.08	c mob-b	Max Cent	419.4	138.2	46.1	426.8	130.8
26.49		6146	67.8	5.5	41.3	88.4	-15.1
80.05		6147	67.9	350.3	51.1	359.2	59.0
5.48		6155	894.4	363.5	51.4	899.3	358.6
2.64		6154	893.4	5.0	41.0	895.3	3.1
-52.88		Min Cent	-108.7	-5.3	-183.2	133.3	-247.4
-59.37		6146	-309.3	-98.8	-191.9	14.8	-422.9
-65.57		6147	-308.6	-3.5	-174.7	75.9	-388.0
-51.09		6155	-78.8	-3.6	-174.1	136.9	-219.4
-42.54		6154	-78.9	-112.1	-192.4	97.6	-288.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
39.71	Max Cent	1351.7	611.0	1982.8	2998.5	-1035.8
38.54	6146	1944.4	1137.1	1759.1	3345.6	-264.1
45.35	6147	1252.5	1313.0	2511.3	3794.2	-1228.8
26.05	6155	4552.3	1257.7	2116.4	5586.9	223.0
24.76	6154	3077.6	436.1	1547.3	3791.2	-277.5
-71.02	Min Cent	-115817.1	-36012.3	-31119.5	-25312.1	-126517.4
-71.26	6146	-135486.5	-55018.4	-30840.0	-44558.4	-145946.5
-69.30	6147	-120563.2	-69883.4	-22336.8	-61444.0	-129002.6
-62.51	6155	-39344.5	-2222.6	-26496.3	11567.0	-53134.2
-78.76	6154	-172708.5	-19290.2	-31752.8	-12978.1	-179020.6

	NODE	Vxx	Vyy
Max	Cent	4.9	1.8
	6146	2.6	2.0
	6147	2.6	2.5
	6155	7.5	2.5
	6154	7.5	1.6
Min	Cent	-116.7	-103.9
	6146	-26.5	-95.0
	6147	-26.5	-121.2
	6155	-208.9	-121.2
	6154	-208.9	-78.3

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-20.86	pp	Cent	930.5	399.3	-236.7	1020.7	309.1
-57.59		6146	-497.3	-246.6	-266.5	-77.4	-666.5
-82.48		6147	-494.5	1045.2	-206.9	1072.6	-521.9
-8.74		6155	2387.4	1085.6	-205.1	2418.9	1054.1
-5.68		6154	2384.5	-287.0	-268.4	2411.2	-313.7
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-72.28		Cent	-324063.2	-100949.8	-79418.1	-75568.0	-349444.9
-72.37		6146	-379525.3	-154366.6	-79588.6	-129074.8	-404817.2
-71.25		6147	-337215.9	-195476.5	-54385.0	-177013.9	-355678.5
-64.09		6155	-105915.1	-1683.0	-66255.2	30497.0	-138095.2
-79.31		6154	-474052.9	-52488.2	-82481.0	-36925.0	-489616.1
		NODE	Vxx	Vyy			
		Cent	-312.8	-291.3			
		6146	-73.7	-265.7			
		6147	-73.7	-339.0			
		6155	-556.7	-339.0			
		6154	-556.7	-221.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-55.17	vento -y	Cent	-33.3	-14.8	-24.9	2.5	-50.6
-35.61		6146	-2.1	-19.1	-25.1	15.9	-37.1
-40.15		6147	-2.0	-10.5	-24.7	18.8	-31.3
-69.01		6155	-65.2	-10.2	-24.7	-0.7	-74.7
-66.16		6154	-65.2	-19.4	-25.1	-8.3	-76.3
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.94		Cent	-153.0	3.4	-1151.0	1078.8	-1228.5
-43.46		6146	312.8	201.2	-1034.5	1293.0	-779.0
-49.94		6147	-549.2	-179.3	-1062.5	714.2	-1442.7
-34.10		6155	1145.1	253.5	-1114.8	1899.9	-501.3
-60.79		6154	-1521.4	-262.8	-1023.8	309.6	-2093.8

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NODE	Vxx	Vyy
Cent	-1.4	0.1
6146	1.2	0.1
6147	1.2	-0.2
6155	-4.0	-0.2
6154	-4.0	0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-59.59	cedime~1	Cent	-141.4	-24.3	-104.8	37.2	-202.9
-50.87		6146	-104.8	-60.5	-106.5	26.2	-191.4
-59.72		6147	-104.6	11.9	-103.2	72.1	-164.8
-66.55		6155	-178.8	14.1	-103.1	58.8	-223.5
-59.30		6154	-179.0	-62.7	-106.6	0.6	-242.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-63.22	Cent	-9308.4	-2952.9	-4303.2	-781.2	-11480.0
-61.39	6146	-8705.5	-3505.2	-4036.2	-1304.1	-10906.5
-63.89	6147	-11733.7	-6569.6	-3330.6	-4937.4	-13365.9
-50.82	6155	-1330.4	255.0	-3848.2	3391.2	-4466.7
-74.10	6154	-15474.2	-2002.7	-4175.6	-813.4	-16663.5

NODE	Vxx	Vyy
Cent	-8.7	-8.2
6146	3.5	-6.7
6147	3.5	-10.9
6155	-21.3	-10.9
6154	-21.3	-4.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-36.90	perm	Cent	167.0	109.3	-99.3	241.6	34.8
-61.28		6146	-197.6	-60.7	-107.2	-2.0	-256.3
-79.49		6147	-196.9	279.4	-91.5	296.3	-213.9
-18.07		6155	539.2	290.0	-91.0	568.8	260.3
-9.72		6154	538.4	-71.4	-107.6	556.8	-89.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	-86010.7	-26930.7	-18528.2	-21600.8	-91340.5

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-73.95		6146	-101534.9	-41387.2	-18827.8	-35979.7	-106942.3
-73.98		6147	-89025.9	-51978.3	-11984.0	-48439.8	-92564.5
-73.55		6155	-30862.3	-1049.4	-15082.5	5249.9	-37161.6
-67.33		6154	-122736.8	-13363.8	-19677.4	-9931.3	-126169.3
-80.11							

NODE	Vxx	Vyy
Cent	-79.6	-77.9
6146	-21.3	-70.8
6147	-21.3	-90.3
6155	-139.1	-90.3
6154	-139.1	-60.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-0.50	INV TO~1	Max	Cent	797.5	302.2	-4.3	797.5	302.1
-58.05			6146	-95.6	-51.0	-18.9	40.3	-102.5
-84.60			6147	-94.5	773.0	10.4	781.7	-94.7
0.61			6155	1850.5	804.3	11.4	1850.6	794.7
-0.59			6154	1848.4	-62.0	-19.8	1848.6	-62.2
-48.89		Min	Cent	-137.7	74.8	-453.6	403.4	-497.3
-69.81			6146	-719.9	-255.3	-474.1	-44.1	-1015.6
-71.63			6147	-718.1	270.6	-433.1	380.1	-879.6
-39.60			6155	227.7	281.0	-431.8	678.5	-171.7
-30.82			6154	226.7	-286.6	-475.4	510.3	-570.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-75.97	Max	Cent	-83913.1	-25874.7	-15468.6	-22009.4	-87778.5	
-75.68			6146	-98909.9	-39831.8	-16128.8	-35715.3	-103026.4
-77.99			6147	-86550.0	-49295.4	-8299.5	-47530.2	-88315.3
-63.01			6155	-24716.8	1123.6	-11807.9	25092.3	-29333.3
-80.97			6154	-118582.0	-12775.1	-17250.6	-10033.6	-121323.5
-71.40	Min	Cent	-256681.5	-79926.1	-67100.8	-57339.3	-279268.4	
-71.54			6146	-298895.1	-121372.0	-66680.6	-99116.0	-321151.2
-70.03			6147	-268669.2	-155659.2	-47308.0	-138469.8	-285858.6
-68.65			6155	-86293.0	-4049.9	-56724.1	5485.2	-115180.3
-78.90			6154	-380055.3	-42424.3	-68903.2	-28904.1	-393575.6

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy
Max	Cent		-71.8	-74.5
		6146	-14.0	-68.1
		6147	-14.0	-85.5
		6155	-126.8	-85.5
		6154	-126.8	-57.7
Min	Cent		-252.6	-230.5
		6146	-58.2	-209.6
		6147	-58.2	-269.7
		6155	-454.9	-269.7
		6154	-454.9	-173.0

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~2	Max	Cent	1256.1	539.1	-4.3	1377.9	417.3
-20.86			6146	-95.6	-51.0	-18.9	40.3	-102.5
-58.05			6147	-94.5	1411.1	10.4	1448.0	-94.7
-82.48			6155	3223.0	1465.6	11.4	3265.6	1423.0
-8.74			6154	3219.0	-62.0	-19.8	3255.1	-62.2
-5.68		Min	Cent	-137.7	74.8	-453.6	403.4	-497.3
-48.89			6146	-719.9	-333.0	-474.1	-104.5	-1015.6
-57.59			6147	-718.1	270.6	-433.1	380.1	-879.6
-71.63			6155	227.7	281.0	-431.8	678.5	-171.7
-39.60			6154	226.7	-387.4	-475.4	510.3	-570.2
-30.82								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max	Cent	-83913.1	-25874.7	-15468.6	-22009.4	-87778.5
-75.97			6146	-98909.9	-39831.8	-16128.8	-35715.3	-103026.4
-75.68			6147	-86550.0	-49295.4	-8299.5	-47530.2	-88315.3
-77.99			6155	-24716.8	1123.6	-11807.9	41171.0	-29333.3
-64.09			6154	-118582.0	-12775.1	-17250.6	-10033.6	-121323.5
-80.97		Min	Cent	-437485.3	-136282.2	-107214.4	-102016.9	-471750.6
-72.28			6146	-512359.2	-208394.9	-107444.7	-174251.0	-546503.2
-72.37			6147	-455241.5	-263893.2	-73419.8	-238968.8	-480165.9
-71.25			6155	-142985.4	-4049.9	-89444.5	5485.2	-186428.5
-68.65			6154	-639971.4	-70859.1	-111349.3	-49848.7	-660981.8
-79.31								

		NODE	Vxx	Vyy
Max	Cent		-71.8	-74.5
		6146	-14.0	-68.1
		6147	-14.0	-85.5

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	6155	-126.8	-85.5
	6154	-126.8	-57.7
Min	Cent	-422.2	-393.3
	6146	-99.4	-358.7
	6147	-99.4	-457.7
	6155	-751.6	-457.7
	6154	-751.6	-298.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6356	1	5	c mob-a	Max	Cent	477.3	49.6	158.2	529.5	-2.5
18.25					6147	95.6	283.8	140.6	358.9	20.4
61.90					6148	94.6	85.5	178.2	268.3	-88.2
44.27					6156	1348.0	89.5	180.5	1373.4	64.1
8.00					6155	1353.0	393.7	138.8	1372.7	374.0
8.07				Min	Cent	-507.0	-948.1	-407.4	-264.2	-1190.9
-30.79					6147	-567.2	-33.7	-460.7	231.8	-832.8
-60.04					6148	-573.1	-2055.9	-355.6	-492.3	-2136.8
-12.81					6156	-792.7	-2178.8	-350.0	-709.4	-2262.2
-13.40					6155	-788.5	-27.3	-466.6	194.2	-1010.0
-64.60										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	3227.2	2504.7	2141.9	5038.1	693.8
40.21					6147	1492.7	1696.4	1399.4	2997.7	191.4
47.08					6148	1355.1	5446.2	2181.4	6391.1	410.2
66.58					6156	31812.7	3861.4	2892.1	32108.8	3565.3
5.85					6155	3575.3	681.8	2623.3	5124.3	-867.2
30.56				Min	Cent	-87904.4	-133266.4	-109676.2	1411.5	-222582.3
-39.16					6147	-61889.5	-59410.2	-59799.6	-837.4	-120462.3
-45.59					6148	-90885.6	-260795.0	-72244.0	-64321.2	-287359.4
-20.19					6156	-11050.4	-175928.5	-149228.9	76996.5	-263975.4
-30.54					6155	-226866.8	-38094.9	-137724.6	34482.6	-299444.2
-62.21										
				NODE	Vxx	Vyy				
				Max	Cent	8.7	9.4			
					6147	3.5	3.6			
					6148	3.5	14.6			
					6156	16.4	16.2			
					6155	16.4	3.6			
				Min	Cent	-329.1	-174.9			
					6147	-22.9	-124.8			
					6148	-22.9	-191.2			

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		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
			6156	-646.6	-260.0			
			6155	-646.6	-124.8			
ANGLE								
	c mob-b	Max	Cent	378.3	31.7	103.3	406.7	3.3
15.39			6147	133.3	259.3	86.5	303.3	89.3
63.03			6148	132.1	55.2	123.6	223.1	-35.8
36.36			6156	1113.7	57.9	126.7	1128.7	42.9
6.75			6155	1118.1	369.0	84.9	1127.6	359.6
6.38		Min	Cent	-494.8	-940.3	-418.9	-243.1	-1192.0
-31.00			6147	-531.9	-30.8	-471.7	252.8	-815.5
-58.99			6148	-537.7	-2025.9	-367.6	-451.9	-2111.8
-13.15			6156	-779.1	-2146.7	-362.1	-689.1	-2236.6
-13.95			6155	-774.8	-21.3	-477.6	210.3	-1006.4
-64.13								
			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								
		Max	Cent	3696.2	1945.2	2130.0	5123.6	517.7
33.83			6147	1678.0	1097.2	1468.4	2884.5	-109.2
39.41			6148	762.1	3970.5	2393.9	5248.0	-515.4
61.91			6156	32244.2	2978.0	2755.9	32501.5	2720.8
5.33			6155	3448.2	660.9	2417.9	4845.3	-736.3
30.02		Min	Cent	-84641.6	-129275.8	-105711.7	1083.0	-215000.4
-39.04			6147	-59675.7	-57683.8	-57449.5	-1221.7	-116137.9
-45.50			6148	-87893.8	-253037.7	-69307.9	-62661.6	-278269.8
-20.00			6156	-9276.8	-170546.4	-143982.8	75112.7	-254935.8
-30.37			6155	-218746.8	-36756.7	-133038.0	33428.9	-288932.4
-62.19								
			NODE	Vxx	Vyy			
		Max	Cent	7.6	7.1			
			6147	3.5	2.5			
			6148	3.5	11.5			
			6156	13.8	12.7			
			6155	13.8	2.5			
		Min	Cent	-317.9	-169.5			
			6147	-21.9	-121.2			
			6148	-21.9	-185.6			
			6156	-624.8	-251.7			
			6155	-624.8	-121.2			
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

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ANGLE

	pp	Cent	30.8	-2415.6	-488.3	124.6	-2509.4
-10.88		6147	-1379.9	682.6	-659.2	875.3	-1572.5
-73.71		6148	-1398.7	-5513.7	-317.5	-1374.4	-5538.1
-4.39		6156	1490.8	-5856.2	-298.6	1502.9	-5868.3
-2.32		6155	1511.7	1025.0	-678.0	1988.8	548.0
-35.13							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-38.79	Cent	-233300.6	-360421.7	-288573.9	-1370.2	-592352.0
-45.44	6147	-165939.0	-161221.1	-155202.0	-8360.1	-318800.0
-19.44	6148	-246741.6	-707078.1	-185547.2	-181266.2	-772553.6
-27.62	6156	72712.1	-474531.0	-394175.3	278926.9	-680745.8
-62.16	6155	-600509.2	-100601.8	-366124.0	92754.3	-793865.3

NODE	Vxx	Vyy
Cent	-874.5	-474.0
6147	-55.9	-339.0
6148	-55.9	-518.6
6156	-1722.2	-702.4
6155	-1722.2	-339.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-52.82	vento -y	Cent	-183.9	-111.0	-130.2	-12.2	-282.7
-51.10		6147	-104.6	-46.8	-133.7	61.1	-212.5
-37.26		6148	-105.0	-175.1	-126.7	-8.6	-271.5
-54.18		6156	-266.1	-182.2	-126.3	-91.1	-357.2
-65.05		6155	-265.6	-39.7	-134.1	22.7	-328.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-48.82	Cent	-1218.7	-776.5	-1646.6	663.8	-2659.0
-45.15	6147	-100.2	-89.5	-1005.0	910.2	-1099.9
-40.51	6148	-334.1	-907.3	-1813.1	1215.0	-2456.3
-45.22	6156	-1607.1	-1572.1	-2268.4	678.8	-3858.0
-64.75	6155	-2899.1	-555.4	-1421.8	115.2	-3569.7

NODE	Vxx	Vyy
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          Cent      -1.6      0.2
          6147      0.2      -0.2
          6148      0.2      0.7
          6156     -3.4      0.3
          6155     -3.4     -0.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-51.93	cedime~1	Cent	-605.7	-403.1	-410.9	-81.2	-927.6
-50.25		6147	-272.4	-114.3	-426.8	240.7	-627.4
-31.06		6148	-274.2	-691.9	-395.0	-36.2	-929.8
-53.05		6156	-950.9	-723.8	-393.2	-428.1	-1246.6
-67.66		6155	-948.9	-82.4	-428.6	93.8	-1125.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-41.52	Cent	-10493.4	-13552.6	-12543.2	613.1	-24659.1
-42.96	6147	-4121.9	-5047.2	-6483.9	1915.8	-11085.0
-25.94	6148	-8952.6	-24590.1	-9962.3	-4107.2	-29435.5
-33.24	6156	-4757.0	-20294.4	-17848.5	6940.2	-31991.6
-62.62	6155	-24561.0	-4391.1	-14272.1	2999.6	-31951.7

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          NODE      Vxx      Vyy
          Cent      -25.0     -13.1
          6147       2.0     -10.9
          6148       2.0     -12.3
          6156     -52.9     -18.4
          6155     -52.9     -10.9
    
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-16.10	perm	Cent	-97.1	-642.8	-171.8	-47.6	-692.4
-67.34		6147	-260.7	167.3	-216.4	257.7	-351.1
-6.04		6148	-265.7	-1453.0	-127.1	-252.2	-1466.4
-4.30		6156	72.1	-1542.5	-122.1	81.3	-1551.7
-56.02		6155	77.5	256.8	-221.4	406.0	-71.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-38.26	Cent	-59470.7	-94617.2	-73359.3	-1609.2	-152478.7
	6147	-43634.6	-42900.1	-39000.6	-4265.1	-82269.6

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-45.27			6148	-64522.2	-186709.4	-45643.7	-49354.6	-201877.1
-18.38			6156	22304.4	-123645.3	-100411.5	73457.7	-174798.6
-27.00			6155	-153852.7	-25647.5	-94422.1	24375.6	-203875.8
-62.09								

NODE	Vxx	Vyy
Cent	-229.3	-126.7
6147	-15.6	-90.3
6148	-15.6	-139.6
6156	-450.7	-187.6
6155	-450.7	-90.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2.13	INV TO~1	Max	Cent	547.2	-575.8	41.8	548.8	-577.4
-58.52			6147	-80.7	550.4	-26.6	791.4	-81.8
5.14			6148	-87.3	-1337.6	113.4	-77.1	-1347.8
2.10			6156	1891.8	-1421.7	121.6	1896.3	-1426.2
-1.74			6155	1904.1	788.4	-34.0	1905.1	787.3
-33.88		Min	Cent	-1387.3	-2325.9	-1148.1	-616.2	-3096.9
-87.59			6147	-1298.9	7.5	-1280.1	551.5	-2082.8
-14.73			6148	-1313.6	-4920.3	-1018.4	-1045.9	-5188.0
-15.82			6156	-1949.0	-5207.8	-1004.2	-1664.4	-5492.4
-62.43			6155	-1935.9	137.6	-1294.7	672.2	-2557.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
-39.00	Max	Cent	-54480.8	-91235.9	-70467.7	833.3	-145683.1	
-44.95			6147	-41369.3	-40610.0	-37018.2	-78009.8	
-18.01			6148	-62692.8	-179357.1	-42411.9	-48904.1	-193145.8
-29.50			6156	65834.1	-118432.4	-96507.2	183551.7	-159723.9
-62.19			6155	-149026.1	-24727.1	-90880.7	73923.9	-196975.9
-37.69	Min	Cent	-188635.0	-288079.5	-233965.4	-33.7	-477547.8	
-45.49			6147	-131307.4	-128151.0	-126214.0	-5397.2	-255953.0
-19.92			6148	-196170.3	-563372.8	-153135.5	-140690.2	-618852.9
-23.16			6156	2629.3	-381443.2	-319719.0	107125.6	-562365.6
-62.18			6155	-484683.8	-81466.7	-294622.5	23222.7	-640074.5

NODE	Vxx	Vyy
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Max	Cent	-217.6	-114.1
	6147	-8.8	-85.5
	6148	-8.8	-119.8
	6156	-428.5	-165.7
	6155	-428.5	-85.5
Min	Cent	-698.7	-375.9
	6147	-46.5	-269.7
	6148	-46.5	-410.1
	6156	-1376.6	-556.9
	6155	-1376.6	-269.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

2.13	INV TO~2	Max	Cent	547.2	-575.8	41.8	548.8	-577.4
-73.71			6147	-80.7	921.5	-26.6	1181.6	-81.8
5.14			6148	-87.3	-1337.6	113.4	-77.1	-1347.8
-2.32			6156	2012.6	-1421.7	121.6	2029.0	-1426.2
-35.13			6155	2040.9	1383.8	-34.0	2684.9	787.3
-33.88		Min	Cent	-1387.3	-3261.0	-1148.1	-616.2	-3387.7
-87.59			6147	-1862.8	7.5	-1280.1	551.5	-2122.9
-4.39			6148	-1888.2	-7443.5	-1018.4	-1855.4	-7476.4
-15.82			6156	-1949.0	-7905.8	-1004.2	-1664.4	-7922.2
-62.43			6155	-1935.9	137.6	-1294.7	672.2	-2557.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

-39.00		Max	Cent	-54480.8	-91235.9	-70467.7	833.3	-145683.1
-44.95			6147	-41369.3	-40610.0	-37018.2	-2072.0	-78009.8
-18.01			6148	-62692.8	-179357.1	-42411.9	-48904.1	-193145.8
-27.62			6156	98161.3	-118432.4	-96507.2	376551.3	-159723.9
-62.16			6155	-149026.1	-24727.1	-90880.7	125218.3	-196975.9
-38.79		Min	Cent	-314955.8	-486569.3	-389574.8	-1849.8	-799675.2
-45.44			6147	-224017.6	-217648.4	-209522.7	-11286.1	-430380.0
-19.44			6148	-333101.2	-954555.5	-250488.8	-244709.3	-1042947.3
-23.16			6156	2629.3	-640616.9	-532136.7	107125.6	-919006.9
-62.18			6155	-810687.4	-135812.5	-494267.4	23222.7	-1071718.2

	NODE	Vxx	Vyy
Max	Cent	-217.6	-114.1
	6147	-8.8	-85.5
	6148	-8.8	-119.8
	6156	-428.5	-165.7
	6155	-428.5	-85.5

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Min	Cent	-1180.6	-639.9
	6147	-75.5	-457.7
	6148	-75.5	-700.2
	6156	-2325.0	-948.3
	6155	-2325.0	-457.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6357	1	5	c mob-a	Max	Cent	495.3	45.6	10.4	495.6	45.4
	1.32				6148	927.9	58.9	11.6	928.1	58.7
	0.76				6149	785.6	114.2	9.4	785.7	114.1
	0.80				6157	324.2	111.5	9.4	324.7	111.1
	2.54				6156	268.8	57.5	11.6	269.4	56.9
	3.12			Min	Cent	-204.1	-2424.1	-525.7	-86.0	-2542.3
	-12.67				6148	-76.6	-1925.7	-504.3	51.9	-2054.3
	-14.30				6149	-92.1	-2959.7	-555.8	11.9	-3063.7
	-10.59				6157	-505.1	-2939.4	-554.7	-384.7	-3059.8
	-12.25				6156	-664.3	-1935.1	-504.8	-488.2	-2111.2
	-19.23									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	2729.2	3549.7	2910.2	6078.4	200.5
	49.01				6148	2276.6	5822.8	2427.7	7056.0	1043.4
	63.07				6149	2168.3	5224.9	3427.3	7449.2	-56.0
	57.02				6157	60927.8	4765.1	3409.8	61134.1	4558.9
	3.46				6156	3100.3	3405.2	2489.8	5747.2	758.3
	46.75			Min	Cent	-33761.7	-181397.5	-52710.7	-16874.0	-198285.2
	-17.76				6148	-75458.7	-237434.2	-56746.1	-57556.9	-255335.9
	-17.51				6149	-23133.4	-207388.4	-52183.6	-9380.7	-221141.1
	-14.76				6157	-6779.3	-117948.7	-41855.7	7217.3	-131945.3
	-18.49				6156	-94508.8	-159771.6	-54052.8	-64001.4	-190279.1
	-29.44									
				NODE	Vxx	Vyy				
				Max	Cent	3.9	9.6			
					6148	3.0	13.8			
					6149	3.3	6.9			
					6157	5.4	6.7			
					6156	4.8	13.8			
				Min	Cent	-138.8	-140.3			
					6148	-91.3	-179.8			
					6149	-81.6	-111.1			
					6157	-195.5	-102.0			
					6156	-185.6	-176.8			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.51	c mob-b	Max Cent	421.4	25.0	10.5	421.7	24.7
0.87		6148	866.8	38.7	12.6	867.0	38.6
0.80		6149	719.6	65.7	9.1	719.8	65.6
2.95		6157	240.3	63.7	9.1	240.8	63.2
4.87		6156	183.4	38.0	12.5	184.5	37.0
-12.78		Min Cent	-196.3	-2316.2	-507.1	-81.3	-2431.3
-14.17		6148	-62.8	-1883.9	-491.2	61.2	-2008.0
-10.83		6149	-83.0	-2769.0	-533.1	18.9	-2871.0
-12.68		6157	-506.3	-2751.8	-532.1	-386.5	-2871.5
-19.42		6156	-669.7	-1890.5	-491.6	-496.4	-2063.8

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
43.66	Max Cent	2981.6	2700.0	3005.9	5850.0	-168.4
53.85	6148	2571.3	4233.3	2604.0	6135.7	668.9
54.86	6149	1344.9	4008.1	3714.4	6622.3	-1269.3
3.89	6157	58841.1	3132.0	3801.4	59099.3	2873.8
41.60	6156	3304.4	2692.3	2565.3	5581.8	414.9
-17.61	Min Cent	-32157.9	-176405.7	-50920.0	-15994.2	-192569.4
-17.34	6148	-72371.0	-230476.9	-54686.4	-55299.2	-247548.8
-14.66	6149	-21853.3	-201682.5	-50489.3	-8647.5	-214888.3
-18.03	6157	-3750.7	-115085.1	-40529.7	9440.6	-128276.4
-29.23	6156	-91084.0	-155136.3	-52160.2	-61902.6	-184317.7

	NODE	Vxx	Vyy
Max	Cent	2.5	6.8
	6148	2.0	10.9
	6149	2.8	3.9
	6157	3.2	3.8
	6156	3.1	10.9
Min	Cent	-134.1	-135.7
	6148	-88.3	-174.6
	6149	-78.9	-107.3
	6157	-188.9	-98.5
	6156	-179.4	-171.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-10.83	pp	Cent	791.3	-6656.6	-1478.6	1074.1	-6939.4	
-9.90		6148	2388.4	-5424.0	-1406.1	2633.8	-5669.4	
-8.86		6149	1902.7	-7753.9	-1543.1	2143.3	-7994.4	
-11.30		6157	-311.2	-7712.4	-1540.6	-3.4	-8020.3	
-15.51		6156	-781.1	-5465.5	-1408.6	-390.2	-5856.4	
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-16.84		Cent	-87546.5	-496317.6	-136243.5	-46298.7	-537565.5	
-16.63		6148	-197966.2	-645211.2	-146635.9	-154176.8	-689000.5	
-13.88		6149	-61765.6	-568798.5	-133384.6	-28817.4	-601746.8	
-11.87		6157	160899.2	-326596.8	-107156.8	183413.7	-349111.2	
-28.42		6156	-248868.4	-433334.0	-141161.9	-172478.6	-509723.8	
		NODE	Vxx	Vyy				

		Cent	-366.7	-378.8				
		6148	-239.7	-488.3				
		6149	-212.5	-297.4				
		6157	-519.3	-273.0				
		6156	-491.8	-480.2				
		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-70.98	LC	Cent	-134.4	-38.9	-37.4	-26.0	-147.3	
-40.92	vento -y	6148	-105.1	-117.1	-42.0	-68.7	-153.5	
-77.62		6149	-113.5	30.8	-33.3	38.1	-120.8	
-79.95		6157	-154.6	28.2	-33.4	34.1	-160.5	
-60.29		6156	-163.9	-114.5	-41.8	-90.6	-187.8	
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-49.54		Cent	-552.6	71.0	-1949.2	1733.1	-2214.8	
-48.08		6148	-841.8	-446.7	-1827.8	1194.2	-2482.7	
-42.76		6149	532.7	158.4	-2392.4	2745.3	-2054.2	
-53.42		6157	280.2	1454.2	-1939.8	2893.9	-1159.5	
-56.39		6156	-2167.3	-924.7	-1479.8	59.0	-3150.9	
		NODE	Vxx	Vyy				

		Cent	-2.3	-0.8				

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6148	-2.0	0.6
6149	-2.4	-2.1
6157	-2.3	-2.1
6156	-2.6	0.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-60.46	cedime~1	Cent	-399.6	-235.5	-137.0	-157.8	-477.2
-24.61		6148	-230.1	-492.5	-152.1	-160.4	-562.2
-68.91		6149	-279.5	-6.7	-123.6	40.9	-327.2
-76.82		6157	-516.3	-15.4	-124.1	13.7	-545.3
-52.84		6156	-569.0	-483.8	-151.6	-369.0	-683.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-30.72	Cent	-4738.7	-16120.9	-10453.2	1472.2	-22331.8
-27.66	6148	-7550.3	-21357.2	-9979.2	-2319.4	-26588.1
-26.43	6149	-1001.7	-18950.8	-11849.1	4887.9	-24840.4
-30.43	6157	4016.0	-7052.0	-9925.5	9846.0	-12882.1
-40.86	6156	-14276.9	-16894.6	-8988.1	-6502.9	-24668.6

NODE	Vxx	Vyy
Cent	-16.2	-14.5
6148	-11.6	-12.5
6149	-12.1	-16.7
6157	-20.2	-16.0
6156	-20.7	-12.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-11.50	perm	Cent	137.5	-1603.9	-369.7	212.7	-1679.1
-9.91		6148	593.0	-1386.8	-357.0	655.3	-1449.2
-9.35		6149	455.2	-1797.1	-381.1	517.9	-1859.8
-12.63		6157	-176.9	-1789.8	-380.6	-91.6	-1875.1
-16.72		6156	-311.9	-1394.1	-357.4	-204.5	-1501.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-15.46	Cent	-21445.2	-132324.2	-33203.9	-12262.4	-141507.0
-15.34	6148	-50196.3	-171104.3	-35871.2	-40355.0	-180945.6
	6149	-15473.5	-151561.0	-32037.8	-8308.4	-158726.1

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-12.61
 -10.62
 -26.80

6157	42868.1	-89552.7	-25746.1	47697.7	-94382.3
6156	-62322.7	-113956.2	-35016.6	-44634.6	-131644.2

NODE	Vxx	Vyy
Cent	-94.4	-99.5
6148	-61.8	-131.1
6149	-53.9	-75.5
6157	-134.5	-69.1
6156	-126.5	-129.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	806.2	-1542.3	-355.6	858.8	-1595.0
-8.42			6148	1845.6	-1307.3	-340.0	1881.9	-1343.6
-6.09			6149	1515.7	-1642.9	-368.4	1558.1	-1685.3
-6.56			6157	260.8	-1639.3	-367.9	329.6	-1708.0
-10.58			6156	50.9	-1316.5	-340.5	131.1	-1396.6
-13.24		Min	Cent	-537.7	-5111.9	-1216.3	-234.3	-5415.2
-14.00			6148	259.4	-4479.0	-1189.8	541.4	-4761.0
-13.33			6149	51.3	-5799.5	-1255.0	309.2	-6057.3
-11.61			6157	-1376.7	-5773.3	-1253.5	-1044.4	-6105.6
-14.85			6156	-1785.0	-4490.3	-1190.5	-1335.8	-4939.6
-20.68								

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		

	Max	Cent	-17420.0	-127532.0	-29146.0	-10181.2	-134770.9	
-13.95		6148	-46725.1	-163243.6	-32355.7	-38343.3	-171625.4	
-14.52		6149	-12546.3	-144507.4	-27023.4	-4067.7	-149826.9	
-13.71		6157	129136.6	-83119.8	-20614.3	133310.0	-85140.8	
-7.78		6156	-57861.7	-109359.1	-31553.5	-42884.2	-124336.6	
-25.39		Min	Cent	-71762.2	-393331.7	-114816.6	-35179.3	-430118.7
-16.97		6148	-159615.8	-512997.7	-122457.5	-121328.7	-551284.8	
-17.36		6149	-47705.2	-450486.2	-114334.7	-21112.1	-480678.5	
-14.02		6157	33716.1	-255835.4	-92176.8	55919.0	-282378.1	
-15.11		6156	-204186.5	-346542.5	-116976.0	-138435.0	-412294.0	
-29.34								

NODE	Vxx	Vyy	
Max	Cent	-89.2	-86.5
	6148	-57.7	-112.4

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	6149	-49.4	-66.2
	6157	-127.2	-60.1
	6156	-120.1	-110.4
Min	Cent	-298.0	-303.3
	6148	-196.6	-386.4
	6149	-176.2	-242.2
	6157	-418.6	-222.9
	6156	-397.9	-379.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

-10.83	INV TO~2	Max	Cent	1068.3	-1542.3	-355.6	1450.0	-1595.0
-9.90			6148	3224.3	-1307.3	-340.0	3555.6	-1343.6
-8.86			6149	2568.6	-1642.9	-368.4	2893.4	-1685.3
-10.58			6157	260.8	-1639.3	-367.9	329.6	-1708.0
-13.24			6156	50.9	-1316.5	-340.5	131.1	-1396.6
-14.00		Min	Cent	-537.7	-8986.4	-1996.1	-234.3	-9368.2
-13.33			6148	259.4	-7322.4	-1898.3	541.4	-7653.7
-11.61			6149	51.3	-10467.7	-2083.1	309.2	-10792.5
-14.85			6157	-1376.7	-10411.7	-2079.8	-1044.4	-10827.4
-20.68			6156	-1785.0	-7378.4	-1901.6	-1335.8	-7906.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-13.95	Max	Cent	-17420.0	-127532.0	-29146.0	-10181.2	-134770.9
-14.52		6148	-46725.1	-163243.6	-32355.7	-38343.3	-171625.4
-13.71		6149	-12546.3	-144507.4	-27023.4	-4067.7	-149826.9
-11.87		6157	217214.0	-83119.8	-20614.3	247608.4	-85140.8
-25.39		6156	-57861.7	-109359.1	-31553.5	-42884.2	-124336.6
-16.84	Min	Cent	-118187.8	-670028.8	-183928.7	-62503.3	-725713.4
-16.63		6148	-267254.3	-871035.1	-197958.4	-208138.7	-930150.7
-13.88		6149	-83383.6	-767878.0	-180069.2	-38903.4	-812358.2
-15.11		6157	33716.1	-440905.7	-144661.7	55919.0	-471300.1
-28.42		6156	-335972.3	-585000.9	-190568.6	-232846.1	-688127.1

	NODE	Vxx	Vyy
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Max	Cent	-89.2	-86.5
	6148	-57.7	-112.4
	6149	-49.4	-66.2
	6157	-127.2	-60.1
	6156	-120.1	-110.4
Min	Cent	-495.0	-511.3
	6148	-323.6	-659.2

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6149 -286.9 -401.5
 6157 -701.1 -368.5
 6156 -664.0 -648.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

6358	1	5	c mob-a	Max	Cent	544.5	117.3	44.3	549.1	112.7
	5.86				6149	1065.8	111.4	45.8	1068.0	109.2
	2.74				1107	1066.5	124.5	42.8	1068.5	122.5
	2.60				1415	81.4	123.8	42.9	150.5	54.7
	58.14				6157	81.0	111.8	45.7	144.7	48.2
	54.32			Min	Cent	-46.0	-2745.5	-902.8	228.1	-3019.6
	-16.89				6149	-52.4	-3108.6	-891.6	188.7	-3349.7
	-15.13				1107	-52.4	-2383.7	-914.0	263.2	-2699.3
	-19.05				1415	-131.1	-2410.6	-913.2	189.6	-2731.3
	-19.35				6157	-131.6	-3081.5	-892.4	117.4	-3330.5
	-15.59									

					NODE	Mxx	Myy	Mxy	Mmax	Mmin

				Max	Cent	17629.5	3275.7	11933.7	24378.1	-3473.0
	29.49				6149	1037.2	4517.2	7501.1	10477.5	-4923.1
	51.53				1107	65163.9	2639.9	6533.3	65839.3	1964.5
	5.90				1415	61488.0	5765.6	15693.7	65604.0	1649.6
	14.70				6157	5947.1	4839.9	16380.3	21783.2	-10996.2
	44.03			Min	Cent	-5279.9	-153642.8	-4573.1	-5139.1	-153783.6
	-1.76				6149	-41280.0	-217893.5	-5641.9	-41100.0	-218073.5
	-1.83				1107	-3327.1	-155733.4	-5937.6	-3096.1	-155964.3
	-2.23				1415	-8694.5	-105459.7	-4198.1	-8512.7	-105641.5
	-2.48				6157	-21832.3	-136515.7	-4304.3	-21671.0	-136677.0
	-2.15									

					NODE	Vxx	Vyy			

				Max	Cent	4.6	5.2			
					6149	4.1	7.3			
					1107	4.1	18.0			
					1415	7.6	18.0			
					6157	7.6	7.5			
				Min	Cent	-166.9	-108.0			
					6149	-191.1	-132.7			
					1107	-191.1	-88.8			
					1415	-143.5	-88.8			
					6157	-143.5	-129.7			

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

6.03	c mob-b	Max Cent	496.1	69.6	45.6	500.9	64.8
2.88		6149	993.1	62.0	46.9	995.4	59.7
2.77		1107	993.8	80.0	44.3	995.9	77.8
50.92		1415	60.1	78.7	44.4	114.8	24.1
45.87		6157	59.7	62.6	46.8	108.0	14.4
-17.17		Min Cent	-38.1	-2548.5	-857.8	227.0	-2813.6
-15.23		6149	-34.3	-2913.1	-846.6	196.2	-3143.6
-19.47		1107	-34.3	-2185.1	-869.0	272.9	-2492.3
-19.93		1415	-133.1	-2212.1	-868.2	181.7	-2527.0
-15.81		6157	-133.7	-2885.9	-847.4	106.3	-3125.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

30.79		Max Cent	16426.8	2379.2	12975.8	24157.9	-5351.8
49.58		6149	366.1	3228.8	8879.2	10791.3	-7196.4
7.03		1107	63221.9	2066.7	7653.5	64165.1	1123.4
15.15		1415	59288.4	5042.2	15854.4	63582.3	748.4
44.63		6157	3603.2	3164.3	16900.0	20285.2	-13517.6
-1.55		Min Cent	-2472.5	-149541.2	-3991.8	-2364.2	-149649.5
-1.76		6149	-39243.2	-211772.1	-5319.6	-39079.4	-211936.0
-1.88		1107	-1057.7	-151171.4	-4936.0	-895.6	-151333.5
-1.91		1415	-5863.0	-103292.4	-3244.9	-5755.0	-103400.4
-2.12		6157	-20532.1	-132916.6	-4173.0	-20377.3	-133071.3
		NODE	Vxx	Vyy			
		Max Cent	3.1	7.2			
		6149	2.0	4.1			
		1107	2.0	23.6			
		1415	5.9	23.6			
		6157	5.9	4.0			
		Min Cent	-161.6	-104.3			
		6149	-184.9	-128.2			
		1107	-184.9	-86.0			
		1415	-138.9	-86.0			
		6157	-138.9	-125.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	pp	Cent	1324.1	-7082.8	-2467.2	1994.6	-7753.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-15.21		6149	2766.1	-8174.8	-2433.5	3282.9	-8691.6
-11.99		1107	2768.2	-5990.9	-2500.9	3431.9	-6654.7
-14.86		1415	-81.3	-6072.3	-2498.4	823.9	-6977.5
-19.91		6157	-83.2	-8093.4	-2436.0	599.5	-8776.0
-15.65							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	38619.4	-422801.1	26330.3	40117.1	-424298.7
3.26		6149	-110014.2	-595361.2	7549.2	-109896.8	-595478.5
0.89		1107	171099.5	-422926.8	2294.5	171108.3	-422935.7
0.22		1415	154674.6	-296719.3	42074.8	158563.0	-300607.6
5.28		6157	-58215.6	-376134.2	42313.8	-52680.1	-381669.6
7.45							

		NODE	Vxx	Vyy
		Cent	-444.9	-278.7
		6149	-512.7	-355.2
		1107	-512.7	-206.5
		1415	-378.8	-206.5
		6157	-378.8	-347.0

LC

		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	--	------	-----	-----	-----	------	------

		Cent	-51.4	55.9	-38.2	68.1	-63.7
-72.28	vento -y	6149	-54.3	24.1	-37.2	38.9	-69.1
-68.23		1107	-54.2	87.8	-39.2	97.9	-64.3
-75.55		1415	-48.7	85.4	-39.1	96.0	-59.3
-74.87		6157	-48.7	26.5	-37.3	41.8	-64.1
-67.61							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	1637.7	482.1	-1654.9	2812.8	-693.0
-35.38		6149	584.9	-471.5	-1481.1	1629.2	-1515.8
-35.19		1107	2698.3	-2103.0	-1707.8	3243.8	-2648.4
-17.71		1415	2921.7	3699.5	-1631.9	4988.2	1633.0
-51.70		6157	388.7	840.5	-1451.5	2083.6	-854.4
-49.42							

		NODE	Vxx	Vyy
		Cent	-4.4	-5.8
		6149	-5.1	-2.4
		1107	-5.1	-9.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
			1415	-3.8	-9.2		
			6157	-3.8	-2.4		
ANGLE							

	cedime~1	Cent	-120.8	83.2	-161.8	172.5	-210.1
-61.11		6149	-96.7	-36.3	-158.1	94.5	-227.5
-50.41		1107	-96.5	202.7	-165.5	276.2	-170.0
-66.05		1415	-144.3	193.8	-165.2	261.1	-211.6
-67.83		6157	-144.5	-27.4	-158.4	83.0	-254.8
-55.14							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	5616.5	-13488.9	-4999.1	6845.5	-14717.9
-13.81		6149	-1198.9	-21548.8	-4489.0	-252.6	-22495.1
-11.90		1107	13747.5	-23229.2	-6069.9	14718.4	-24200.1
-9.09		1415	11980.9	1529.1	-4867.0	13896.3	-386.3
-21.48		6157	-1770.4	-10558.8	-3638.4	-459.6	-11869.6
-19.81							
		NODE	Vxx	Vyy			

		Cent	-26.7	-29.6			
		6149	-31.8	-19.4			
		1107	-31.8	-40.0			
		1415	-21.8	-40.0			
		6157	-21.8	-18.8			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	303.6	-1632.7	-604.3	476.7	-1805.8
-15.99		6149	658.5	-1905.2	-595.9	790.2	-2036.9
-12.47		1107	659.0	-1360.2	-612.7	830.4	-1531.6
-15.63		1415	-42.3	-1380.6	-612.1	195.4	-1618.3
-21.23		6157	-42.8	-1884.9	-596.5	133.5	-2061.2
-16.46							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	9315.0	-113415.4	9176.9	9997.4	-114097.8
4.25		6149	-28092.5	-157642.1	4232.1	-27954.4	-157780.2
1.87		1107	43789.7	-110327.4	2679.1	43836.3	-110373.9
1.00		1415	37924.5	-83892.2	13120.9	39321.8	-85289.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

6.08
8.62

NODE	Vxx	Vyy
Cent	-112.6	-66.8
6149	-129.8	-90.5
1107	-129.8	-44.0
1415	-96.0	-44.0
6157	-96.0	-88.5

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
INV TO~1	Max	Cent	1038.7	-1391.2	-542.8	1150.9	-1586.6
		6149	2097.4	-1754.8	-532.6	2169.7	-1827.1
		1107	2098.8	-989.5	-552.9	2189.2	-1153.1
		1415	67.6	-1019.6	-552.2	458.4	-1406.6
		6157	66.6	-1733.9	-533.3	289.0	-1880.0
	Min	Cent	120.7	-5339.2	-1984.9	774.1	-5909.4
		6149	491.0	-6138.1	-1957.7	1026.0	-6673.0
		1107	491.8	-4578.3	-2012.1	1180.4	-5170.4
		1415	-366.3	-4634.9	-2010.1	272.7	-5304.6
		6157	-367.7	-6072.3	-1959.7	169.9	-6680.6

ANGLE

NODE	Mxx	Myy	Mxy	Mmax	Mmin	
Max	Cent	38731.3	-108993.3	26694.2	41599.9	-113842.2
	6149	-26692.3	-151543.9	16219.0	-24619.7	-153616.4
	1107	145508.6	-106763.5	13011.4	145683.4	-107471.2
	1415	132914.2	-74579.5	34524.4	137070.0	-78735.2
	6157	-7542.0	-95283.8	36192.2	5460.0	-108285.9
Min	Cent	2187.1	-334322.1	-1995.8	2215.0	-334333.7
	6149	-85019.4	-473347.2	-7873.5	-84859.9	-473506.8
	1107	39298.2	-343796.6	-11406.5	39377.3	-344124.2
	1415	26187.0	-226262.8	2586.4	26406.9	-226482.6
	6157	-46814.7	-296672.7	3928.1	-46752.9	-296734.5

NODE	Vxx	Vyy	
Max	Cent	-106.4	-57.1
	6149	-124.3	-80.6
	1107	-124.3	-12.1
	1415	-85.8	-12.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Min	6157	-85.8	-78.3
	Cent	6149	-364.7	-242.1
		1107	-419.5	-289.0
		1415	-419.5	-204.0
		6157	-311.5	-204.0
			-311.5	-282.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~2	Max	Cent	1787.5	-1391.2	-542.8	2692.8	-1586.6
-15.21			6149	3734.2	-1754.8	-532.6	4432.0	-1827.1
-11.99			1107	3737.0	-989.5	-552.9	4633.1	-1153.1
-14.86			1415	67.6	-1019.6	-552.2	1112.3	-1406.6
-19.91			6157	66.6	-1733.9	-533.3	809.3	-1880.0
-15.65		Min	Cent	120.7	-9561.8	-3330.8	774.1	-10467.1
-18.22			6149	491.0	-11035.9	-3285.3	1026.0	-11733.7
-15.28			1107	491.8	-8087.7	-3376.3	1180.4	-8983.8
-17.78			1415	-366.3	-8197.6	-3372.9	272.7	-9419.6
-20.38			6157	-367.7	-10926.1	-3288.7	169.9	-11847.7
-19.71								

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	52136.2	-108993.3	35545.9	54158.0	-113842.2
3.26			6149	-26692.3	-151543.9	16219.0	-24619.7	-153616.4
7.28			1107	230984.3	-106763.5	13011.4	230996.2	-107471.2
0.22			1415	208810.8	-74579.5	56801.0	214060.0	-78735.2
5.28			6157	-7542.0	-95283.8	57123.6	5460.0	-108285.9
19.76		Min	Cent	2187.1	-570781.5	-1995.8	2215.0	-572803.3
0.53			6149	-148519.1	-803737.6	-7873.5	-148360.6	-803896.0
0.89			1107	39298.2	-570951.2	-11406.5	39377.3	-570963.2
-0.85			1415	26187.0	-400571.1	2586.4	26406.9	-405820.3
1.69			6157	-78591.0	-507781.1	3928.1	-71118.2	-515253.9
7.45								

		NODE	Vxx	Vyy
	Max	Cent	-106.4	-57.1
		6149	-124.3	-80.6
		1107	-124.3	-12.1
		1415	-85.8	-12.1
		6157	-85.8	-78.3
	Min	Cent	-600.6	-376.3
		6149	-692.1	-479.5
		1107	-692.1	-278.7
		1415	-511.4	-278.7

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
					6157	-511.4	-468.4		

6359	1	5	c mob-a	Max	Cent	16.5	72.2	1327.2	1371.8
	45.60				1414	100.6	70.7	1332.0	1417.7
	44.68				6150	100.4	74.0	1322.4	1409.6
	44.71				6158	6.5	73.9	1322.7	1363.3
	45.73				2205	6.5	70.8	1331.7	1370.7
	45.69			Min	Cent	-119.6	-1851.3	-84.6	-115.4
	-2.79				1414	-173.6	-1703.9	-82.7	-169.1
	-3.08				6150	-173.8	-1999.1	-86.4	-169.7
	-2.71				6158	-126.1	-1988.8	-86.3	-122.1
	-2.65				2205	-125.9	-1714.2	-82.8	-121.6
	-2.98								

					NODE	Mxx	Myy	Mxy	Mmax

				Max	Cent	32653.4	5959.4	5977.9	33931.0
	12.06				1414	88591.4	7385.3	6592.2	89123.1
	4.61				6150	6018.4	3546.3	5286.8	10211.7
	38.42				6158	11652.6	10641.4	5473.3	16643.6
	42.36				2205	55604.2	6275.0	6892.0	56549.0
	7.81			Min	Cent	-15197.6	-70358.8	-22171.3	-7391.0
	-19.40				1414	-13468.6	-69708.6	-18065.0	-8165.9
	-16.36				6150	-19280.6	-104929.2	-26374.5	-11810.4
	-15.81				6158	-16107.3	-46777.6	-22919.9	-3865.5
	-28.11				2205	-25393.0	-60798.2	-16073.0	-19184.9
	-21.12								

					NODE	Vxx	Vyy		

				Max	Cent	139.6	3.2		
					1414	183.2	14.0		
					6150	183.2	10.0		
					6158	97.9	10.3		
					2205	97.9	14.0		
				Min	Cent	-15.8	-67.8		
					1414	-9.0	-48.4		
					6150	-9.0	-105.0		
					6158	-23.2	-99.7		
					2205	-23.2	-48.4		

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

			ANGLE						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

45.31	c mob-b	Max	Cent	20.1	46.6	1238.3	1271.7	-1205.0
				1414	101.2	47.8	1243.0	1317.8
44.38				6150	101.0	45.8	1233.5	1307.3
44.36				6158	4.6	45.9	1233.9	1259.3
45.48				2205	4.7	47.6	1242.7	1269.0
45.50		Min	Cent	-101.9	-1827.9	-65.4	-99.4	-1830.4
-2.17				1414	-137.4	-1687.7	-63.8	-134.7
-2.35				6150	-137.6	-1964.8	-67.1	-135.1
-2.10				6158	-126.4	-1954.9	-67.0	-123.9
-2.10				2205	-126.3	-1697.4	-63.9	-123.7
-2.33								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

11.04		Max	Cent	31440.7	1761.7	6021.4	32615.8	586.5
				1414	86395.1	4437.4	6826.5	86959.8
4.73				6150	4327.2	1539.4	5220.6	8336.8
37.53				6158	7177.2	4572.1	5636.0	11659.2
38.49				2205	53836.6	3560.6	7014.6	54797.0
7.80		Min	Cent	-16763.7	-67687.8	-21518.1	-8888.9	-75562.6
-20.10				1414	-14811.2	-67251.1	-17237.5	-9652.5
-16.66				6150	-19972.0	-101505.0	-25539.9	-12632.4
-16.03				6158	-18198.6	-44689.6	-22173.9	-5615.4
-29.57				2205	-27770.2	-58485.5	-15442.1	-21349.1
-22.58								
			NODE	Vxx	Vyy			
		Max	Cent	136.5	2.9			
				1414	178.8	12.8		
				6150	178.8	9.8		
				6158	96.7	10.0		
				2205	96.7	12.8		
		Min	Cent	-16.9	-68.6			
				1414	-9.6	-50.8		
				6150	-9.6	-102.2		
				6158	-24.6	-97.0		
				2205	-24.6	-50.8		
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

28.46	pp		Cent	-237.3	-4891.1	3572.8	1699.6	-6827.9
				1414	-183.1	-4422.8	3587.3	1863.9

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	Company		Client	
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29.71						
	6150	-184.0	-5359.4	3558.4	1628.1	-7171.5
26.99						
	6158	-290.1	-5326.9	3559.4	1551.7	-7168.7
27.36						
	2205	-289.3	-4455.3	3586.3	1775.0	-6519.6
29.93						

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Cent	77271.7	-186216.7	-52910.9	87499.7	-196444.6
-10.94	1414	244189.7	-191864.8	-41797.7	248160.0	-195835.2
-5.43						
	6150	-40801.3	-284352.0	-65617.4	-24247.8	-300905.5
-14.16						
	6158	-16340.0	-116797.5	-53922.0	7123.3	-140260.7
-23.52						
	2205	125650.4	-151715.6	-34544.9	129888.1	-155953.3
-6.99						

NODE	Vxx	Vyy
Cent	388.2	-193.4
1414	512.8	-101.8
6150	512.8	-292.6
6158	266.5	-277.4
2205	266.5	-101.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	vento -y	Cent	19.9	-28.3	-103.6	102.2	-110.6
-38.45		1414	43.3	-40.4	-104.0	113.6	-110.6
-34.04		6150	43.4	-16.2	-103.3	121.1	-93.9
-36.95		6158	-2.9	-17.1	-103.3	93.5	-113.5
-43.04		2205	-3.0	-39.5	-104.0	84.3	-126.8
-40.02							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	-1359.5	-869.8	-1351.0	258.4	-2487.7
-50.14		1414	-2591.9	1194.0	-1313.3	1605.0	-3002.8
-72.62		6150	-299.8	-336.9	-1081.4	763.2	-1399.9
-44.51		6158	-539.7	-1458.5	-1320.1	398.6	-2396.8
-35.41		2205	-2041.1	-2903.8	-1524.0	-888.6	-4056.3
-37.10							

NODE	Vxx	Vyy
Cent	-3.6	4.3
1414	-5.0	6.7
6150	-5.0	2.1
6158	-2.2	1.9
2205	-2.2	6.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-8.94	cedime~1	Cent	33.3	-418.8	-73.0	44.8	-430.3
-7.08		1414	119.7	-471.0	-74.6	129.0	-480.3
-8.17		6150	119.8	-366.7	-71.3	130.1	-376.9
-12.06		6158	-51.0	-370.3	-71.5	-35.8	-385.6
-9.84		2205	-51.1	-467.4	-74.5	-38.2	-480.3
			NODE	Mxx	Myy	Mxy	Mmax
-39.61		Cent	-5138.5	-7468.1	-6113.1	-80.2	-12526.4
-55.85		1414	-4659.7	-187.1	-5619.5	3624.8	-8471.5
-35.98		6150	-4201.9	-7891.0	-5664.1	-89.5	-12003.4
-37.96		6158	-4600.8	-7641.4	-6061.2	127.8	-12370.1
-29.71		2205	-7104.6	-14239.0	-6035.0	-3661.4	-17682.2
		NODE	Vxx	Vyy			
		Cent	-3.0	10.7			
		1414	-3.8	21.6			
		6150	-3.8	-0.2			
		6158	-2.1	-0.3			
		2205	-2.1	21.6			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
27.04	perm	Cent	-50.9	-1393.3	926.6	422.1	-1866.3
27.97		1414	-15.8	-1273.8	930.3	478.2	-1767.8
25.48		6150	-16.0	-1512.8	922.9	423.8	-1952.7
26.22		6158	-85.1	-1504.6	923.2	369.6	-1959.3
28.62		2205	-84.9	-1282.1	930.0	422.5	-1789.5
			NODE	Mxx	Myy	Mxy	Mmax
-9.40		Cent	22100.3	-48570.7	-12034.7	24093.5	-50563.9
-4.38		1414	67578.2	-53307.4	-9311.5	68291.2	-54020.5
-12.95		6150	-11073.1	-75723.7	-15690.8	-7466.2	-79330.6
-21.91		6158	-3414.7	-28750.1	-12159.1	1476.4	-33641.3
		2205	36308.2	-36434.0	-7001.6	36976.0	-37101.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-5.45

NODE	Vxx	Vyy
Cent	107.9	-58.2
1414	142.7	-36.9
6150	142.7	-81.8
6158	73.8	-77.5
2205	73.8	-36.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
38.42	INV TO~1	Max	Cent	9.6	-1295.8	2718.3	2131.9	-3451.5
38.30			1414	240.6	-1178.3	2728.5	2276.0	-3333.5
37.10			6150	240.2	-1412.9	2708.1	2168.2	-3460.8
38.11			6158	-76.4	-1404.8	2708.8	2048.4	-3529.6
39.25			2205	-76.2	-1186.5	2727.8	2152.3	-3415.1
9.85		Min	Cent	-212.3	-4311.4	739.5	-50.6	-4439.8
13.11			1414	-250.1	-4045.1	744.1	-59.4	-4181.8
11.08			6150	-250.7	-4578.3	734.9	-92.8	-4696.5
9.54			6158	-306.8	-4559.7	735.2	-183.3	-4683.2
10.80			2205	-306.5	-4063.6	743.8	-164.6	-4205.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
-2.09	Max	Cent	66182.4	-40525.6	-3905.8	66325.1	-40668.4
-0.02		1414	187176.6	-43337.2	-95.8	187176.6	-43337.3
-7.06		6150	-2948.3	-70936.2	-8553.6	-1888.7	-71995.8
-9.41		6158	12316.3	-14384.2	-4550.4	13070.5	-15138.4
1.01		2205	111373.9	-27962.8	2468.1	111417.6	-28006.5
-16.74	Min	Cent	-5669.3	-151023.1	-48079.0	8794.6	-165487.0
-11.21		1414	42923.4	-147601.1	-39318.8	50718.7	-155396.4
-15.95		6150	-42237.2	-225269.2	-56960.6	-25958.5	-241547.8
-27.87		6158	-32583.7	-99541.3	-49162.1	-6583.6	-125541.4
-14.58		2205	-8286.2	-132750.6	-34735.1	751.3	-141788.1

NODE	Vxx	Vyy	
Max	Cent	296.3	-43.2
	1414	390.0	3.6
	6150	390.0	-68.3
	6158	205.9	-63.6
	2205	205.9	3.6
Min	Cent	82.0	-150.8

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1414 125.9 -105.5
 6150 125.9 -223.7
 6158 38.5 -212.4
 2205 38.5 -105.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
28.46	INV TO~2	Max Cent	9.6	-1295.8	4823.3	2294.4	-3451.5
29.71		1414	240.6	-1178.3	4842.8	2516.2	-3333.5
26.99		6150	240.2	-1412.9	4803.8	2197.9	-3460.8
27.36		6158	-76.4	-1404.8	4805.1	2094.8	-3529.6
29.93		2205	-76.2	-1186.5	4841.5	2396.3	-3415.1
9.85		Min Cent	-320.3	-6603.0	739.5	-50.6	-9217.7
13.11		1414	-250.1	-5970.8	744.1	-59.4	-8734.2
11.08		6150	-250.7	-7235.2	734.9	-92.8	-9681.5
9.54		6158	-391.6	-7191.3	735.2	-183.3	-9677.8
10.80		2205	-390.5	-6014.7	743.8	-164.6	-8801.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-10.94	Max Cent	104316.7	-40525.6	-3905.8	118124.5	-40668.4
-5.43	1414	329656.1	-43337.2	-95.8	335016.0	-43337.3
-7.06	6150	-2948.3	-70936.2	-8553.6	-1888.7	-71995.8
-9.41	6158	12316.3	-14384.2	-4550.4	13070.5	-15138.4
-6.99	2205	169628.0	-27962.8	2468.1	175348.9	-28006.5
-16.74	Min Cent	-5669.3	-251392.5	-71429.8	8794.6	-265200.3
-11.21	1414	42923.4	-259017.5	-56426.9	50718.7	-264377.5
-14.16	6150	-55081.8	-383875.2	-88583.5	-32734.6	-406222.5
-27.87	6158	-32583.7	-157676.6	-72794.7	-6583.6	-189352.0
-14.58	2205	-8286.2	-204816.1	-46635.7	751.3	-210537.0

	NODE	Vxx	Vyy
Max	Cent	524.1	-43.2
	1414	692.3	3.6
	6150	692.3	-68.3
	6158	359.8	-63.6
	2205	359.8	3.6
Min	Cent	82.0	-261.0
	1414	125.9	-137.4
	6150	125.9	-395.0
	6158	38.5	-374.5
	2205	38.5	-137.4

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6360	1	5	c mob-a	Max	Cent	39.8	39.4	1213.9	1253.5	-1174.3
	45.00				6150	97.6	75.2	1068.7	1155.1	-982.3
	44.70				6151	82.1	106.1	1347.0	1441.1	-1252.9
	45.26				6159	15.4	111.9	1356.4	1421.0	-1293.6
	46.02				6158	18.5	79.0	1059.2	1108.4	-1010.9
	45.82			Min	Cent	-599.8	-2768.9	-31.5	-599.4	-2769.4
	-0.83				6150	-839.2	-1847.5	-31.3	-838.2	-1848.5
	-1.78				6151	-811.7	-3867.5	-33.3	-811.3	-3867.9
	-0.62				6159	-421.3	-3948.5	-33.6	-420.9	-3948.8
	-0.55				6158	-330.9	-1790.7	-31.3	-330.2	-1791.4
	-1.23									
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	4604.5	5000.6	11292.8	16097.1	-6492.0
	45.50				6150	52429.1	3402.6	25374.6	63197.2	-7365.5
	22.99				6151	2616.6	9897.0	42612.0	49024.1	-36510.4
	47.44				6159	28095.2	15790.9	10629.0	34224.1	9662.0
	29.97				6158	27311.1	9329.6	6294.0	29295.2	7345.5
	17.50			Min	Cent	-18956.5	-133553.7	-9405.3	-18189.7	-134320.4
	-4.66				6150	-12065.1	-99806.0	-5170.9	-11761.5	-100109.7
	-3.36				6151	-166472.1	-370018.6	-6591.9	-166258.9	-370231.9
	-1.85				6159	-4348.9	-26336.1	-20401.1	7832.1	-38517.1
	-30.84				6158	-8915.6	-44268.1	-27375.3	5994.4	-59178.0
	-28.57									
				NODE	Vxx	Vyy				
				Max	Cent	122.7	19.6			
					6150	226.5	10.3			
					6151	186.8	29.1			
					6159	57.6	27.8			
					6158	21.7	10.0			
				Min	Cent	-8.8	-252.3			
					6150	-7.6	-89.0			
					6151	-6.5	-384.9			
					6159	-13.0	-404.8			
					6158	-11.5	-107.5			
				LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	ANGLE									

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44.96	c mob-b	Max	Cent	25.0	21.8	1129.5	1152.9	-1106.1
44.31			6150	92.8	45.0	996.2	1065.4	-927.6
44.54			6151	73.3	32.8	1251.6	1304.8	-1198.7
45.33			6159	5.9	34.8	1260.3	1280.7	-1240.0
45.53			6158	10.7	46.9	987.6	1016.5	-959.0
-0.36		Min	Cent	-531.3	-2710.6	-13.7	-531.2	-2710.7
-0.70			6150	-725.0	-1815.8	-13.4	-724.9	-1816.0
-0.27			6151	-703.8	-3705.3	-14.1	-703.7	-3705.4
-0.24			6159	-390.6	-3779.5	-14.2	-390.5	-3779.6
-0.53			6158	-314.5	-1768.4	-13.4	-314.4	-1768.5

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.70		Max	Cent	2341.0	2091.8	11778.5	13995.5	-9562.7
23.92			6150	50795.0	1607.3	27165.6	62845.8	-10443.5
47.51			6151	1990.0	9458.9	42454.8	48343.2	-36894.2
26.32			6159	27082.9	10816.3	10654.3	32353.5	5545.7
14.49			6158	26165.5	3504.1	6274.9	27787.0	1882.6
-4.33		Min	Cent	-19257.7	-129275.9	-8375.3	-18623.8	-129909.9
-3.02			6150	-12772.6	-96460.5	-4421.3	-12539.6	-96693.4
-1.62			6151	-162584.1	-359270.8	-5576.3	-162426.2	-359428.7
-30.29			6159	-4386.3	-26144.5	-19293.8	6884.2	-37415.0
-29.42			6158	-10151.7	-42134.2	-26444.3	4760.5	-57046.4

		NODE	Vxx	Vyy
Max	Cent		119.7	19.3
	6150		221.2	10.3
	6151		183.0	28.8
	6159		55.9	27.7
	6158		18.7	9.9
Min	Cent		-9.7	-245.1
	6150		-8.6	-86.7
	6151		-7.2	-373.6
	6159		-14.1	-393.0
	6158		-12.9	-105.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
22.10	pp	Cent	-1405.8	-8091.2	3250.3	-86.1	-9411.0
30.72		6150	-1785.7	-4919.1	2879.3	-74.5	-6630.3
		6151	-1771.5	-10994.6	3589.9	-539.0	-12227.2

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18.95		6159	-1114.0	-11200.7	3614.0	47.2	-12361.9
17.81		6158	-928.0	-4713.0	2855.2	604.9	-6245.9
28.23							

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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1.03	Cent	-43319.8	-362012.6	5731.0	-43216.8	-362115.6
9.50	6150	139899.3	-268196.5	70228.4	151646.6	-279943.8
11.98	6151	-466123.8	-1011625.8	121179.2	-440416.2	-1037333.4
-16.39	6159	72169.6	-35759.1	-34747.4	82388.8	-45978.3
-18.73	6158	71281.3	-109071.5	-69079.9	94699.8	-132490.0

NODE	Vxx	Vyy
Cent	340.4	-688.9
6150	630.6	-247.0
6151	522.9	-1043.1
6159	154.4	-1099.3
6158	43.0	-299.0

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-48.11	vento -y	Cent	74.9	95.4	-94.0	179.7	-9.5
-23.63		6150	125.0	-23.1	-80.1	160.1	-58.2
-56.16		6151	116.2	203.8	-106.7	275.3	44.7
-64.63		6159	35.6	211.5	-107.6	262.5	-15.4
-36.05		6158	20.4	-30.8	-79.2	78.0	-88.5

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-37.74		Cent	692.5	-155.5	-1637.9	1960.4	-1423.4
-42.17		6150	-521.7	-909.9	-1961.5	1255.3	-2686.9
-35.26		6151	2844.3	1298.6	-2185.6	4389.7	-246.8
-45.02		6159	656.0	658.1	-1440.4	2097.5	-783.4
-26.93		6158	-248.4	-1753.3	-1030.4	275.1	-2276.7

NODE	Vxx	Vyy
Cent	-2.4	0.8
6150	-4.0	1.4
6151	-4.2	-0.0
6159	-0.6	0.5
6158	-0.7	1.6

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-19.28	cedime~1	Cent	150.9	-46.7	-78.8	178.4	-74.2
-4.35		6150	259.4	-333.0	-45.3	262.8	-336.4
-41.65		6151	241.1	215.4	-109.4	338.4	118.0
-63.49		6159	65.9	234.0	-111.6	289.6	10.3
-6.33		6158	32.1	-351.6	-43.1	36.9	-356.3
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-24.10		Cent	-41.6	-10107.4	-5627.4	2475.2	-12624.2
-22.41		6150	450.3	-9418.2	-4902.4	2471.6	-11439.6
-11.54		6151	-4709.8	-23450.5	-3994.1	-3894.1	-24266.2
-39.37		6159	3657.0	1261.4	-6012.4	8589.7	-3671.4
-27.49		6158	73.1	-8353.5	-6011.5	3200.8	-11481.2
		NODE	Vxx	Vyy			

		Cent	0.5	-15.8			
		6150	3.4	-1.4			
		6151	-0.2	-28.8			
		6159	1.2	-28.6			
		6158	-2.5	-2.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

21.13	perm	Cent	-324.9	-2151.6	829.7	-4.3	-2472.2
27.94		6150	-385.3	-1388.4	740.4	7.5	-1781.1
18.26		6151	-389.0	-2850.1	911.4	-88.2	-3150.8
17.50		6159	-279.2	-2899.7	917.2	9.9	-3188.8
26.62		6158	-241.6	-1338.8	734.6	126.7	-1707.0
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

2.85		Cent	-13036.5	-96516.3	4170.3	-12828.7	-96724.1
10.99		6150	37252.5	-70533.9	21762.9	41480.8	-74762.2
13.36		6151	-129129.0	-271668.8	35863.6	-120614.2	-280183.6
-12.61		6159	17878.6	-11220.0	-6851.8	19411.3	-12752.7
-18.22		6158	19415.0	-26276.0	-16872.0	24969.8	-31830.8

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NODE	Vxx	Vyy
Cent	94.4	-184.8
6150	174.0	-68.6
6151	145.7	-277.2
6159	42.2	-293.0
6158	12.9	-82.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
33.52	INV TO~1	Max	Cent	-120.3	-2098.3	2468.5	1462.6	-3728.0
34.59			6150	5.9	-1286.8	2183.1	1480.2	-3013.6
32.45			6151	-37.1	-2491.5	2729.8	1629.2	-4157.8
33.12			6159	-192.4	-2514.6	2748.3	1527.6	-4234.6
38.40			6158	-184.5	-1232.1	2164.6	1499.0	-2947.7
9.16		Min	Cent	-1134.6	-5936.3	708.4	-1007.7	-6035.6
15.28			6150	-1518.2	-4215.4	652.8	-1327.5	-4353.2
7.37			6151	-1484.8	-8071.3	757.0	-1372.7	-8183.3
6.65			6159	-847.9	-8230.1	760.3	-746.3	-8331.7
12.15			6158	-688.3	-4107.8	649.2	-539.3	-4225.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
12.91	Max	Cent	-6820.4	-89765.4	20071.3	-2218.8	-94367.0	
16.95			6150	108482.1	-65940.4	58436.5	125837.9	-83746.5
27.30			6151	-125596.6	-258307.8	93389.9	-77389.0	-306515.4
1.81			6159	59464.1	11359.1	7531.5	59512.1	11311.2
-10.08			6158	56358.1	-13680.9	-8375.1	58915.0	-14669.5
-2.05	Min	Cent	-39076.0	-286921.1	-14154.2	-38729.0	-287726.8	
2.40			6150	20009.5	-214690.3	9879.8	20874.2	-215104.6
3.01			6151	-358576.1	-794644.4	22970.5	-357369.5	-795851.1
-24.75			6159	11957.1	-46773.7	-40405.7	27815.8	-65612.0
-24.78			6158	5710.2	-94391.4	-59840.2	30560.6	-122339.9

NODE	Vxx	Vyy	
Max	Cent	260.6	-158.3
	6150	483.2	-54.7
	6151	398.0	-238.0
	6159	121.1	-255.5
	6158	42.3	-69.4
Min	Cent	81.4	-541.1
	6150	162.4	-190.2
	6151	135.9	-825.5

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ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
				6159	23.1	-868.1				
				6158	-7.0	-230.0				
			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE										
			INV TO~2	Max	Cent	-120.3	-2098.3	4387.9	1462.6	-3728.0
33.52				6150	5.9	-1286.8	3887.0	1480.2	-3013.6	
34.59				6151	-37.1	-2491.5	4846.4	1629.2	-4157.8	
32.45				6159	-192.4	-2514.6	4878.9	1527.6	-4234.6	
33.12				6158	-184.5	-1232.1	3854.5	1499.0	-2947.7	
38.40				Min	Cent	-1897.8	-10923.2	708.4	-1007.7	-12704.8
9.16				6150	-2410.7	-6640.7	652.8	-1327.5	-8950.9	
15.28				6151	-2391.6	-14842.7	757.0	-1372.7	-16506.7	
7.37				6159	-1503.9	-15121.0	760.3	-746.3	-16688.6	
6.65				6158	-1252.8	-6362.5	649.2	-539.3	-8431.9	
12.15										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE										
				Max	Cent	-6820.4	-89765.4	20071.3	-2218.8	-94367.0
12.91				6150	188864.1	-65940.4	94808.3	204723.0	-83746.5	
9.50				6151	-125596.6	-258307.8	163591.9	-77389.0	-306515.4	
27.30				6159	97428.9	11359.1	7531.5	111224.9	11311.2	
-16.39				6158	96229.7	-13680.9	-8375.1	127844.7	-14669.5	
-18.73				Min	Cent	-58481.8	-488717.0	-14154.2	-58342.7	-488856.1
1.03				6150	20009.5	-362065.2	9879.8	20874.2	-377924.1	
2.40				6151	-629267.1	-1365694.9	22970.5	-594561.9	-1400400.1	
11.98				6159	11957.1	-48274.7	-46909.0	27815.8	-65612.0	
-24.75				6158	5710.2	-147246.5	-93257.8	30560.6	-178861.5	
-24.78										
				NODE	Vxx	Vyy				
				Max	Cent	459.5	-158.3			
				6150	851.3	-54.7				
				6151	706.0	-238.0				
				6159	208.5	-255.5				
				6158	58.0	-69.4				
				Min	Cent	81.4	-930.0			
				6150	162.4	-333.4				
				6151	135.9	-1408.2				
				6159	23.1	-1484.1				
				6158	-7.0	-403.7				

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

6361	1	5	c mob-a	Max	Cent	100.8	58.4	35.1	120.6	38.6
29.45					6156	245.0	101.7	41.2	256.0	90.7
14.94					6157	295.5	103.6	30.9	300.3	98.7
8.94					6160	9.5	108.2	30.8	117.1	0.6
74.01					6161	16.5	105.9	41.6	122.3	0.1
68.53				Min	Cent	-309.5	-2342.1	-759.1	-57.3	-2594.3
-18.38					6156	-416.0	-2859.8	-837.5	-156.5	-3119.3
-17.21					6157	-429.9	-1917.3	-673.5	-170.2	-2177.0
-21.08					6160	-224.5	-1890.4	-668.0	10.3	-2125.2
-19.36					6161	-254.4	-2904.5	-843.1	-8.9	-3150.0
-16.23										

ANGLE

					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	4313.5	4601.5	25495.7	29953.7	-21038.6
45.16					6156	2416.3	9955.6	7785.7	14836.3	-2464.3
57.92					6157	57116.6	3417.8	8919.6	58559.4	1975.0
9.19					6160	30033.7	7855.4	43795.9	64122.6	-26233.4
37.90					6161	38090.2	19158.8	38749.2	68513.1	-11264.1
38.14				Min	Cent	-7558.1	-133211.9	-6697.0	-7202.2	-133567.8
-3.04					6156	-142557.5	-370674.0	-18136.7	-141124.5	-372107.0
-4.52					6157	-7284.0	-103981.3	-7045.5	-6773.3	-104491.9
-4.15					6160	-5578.7	-58189.7	-5505.3	-5008.8	-58759.6
-5.91					6161	-2988.9	-14741.6	-8151.3	1183.4	-18913.9
-27.11										

ANGLE

					NODE	Vxx	Vyy			
				Max	Cent	5.7	18.2			
					6156	4.3	27.1			
					6157	5.3	9.4			
					6160	7.4	9.2			
					6161	7.5	26.1			
				Min	Cent	-109.0	-259.8			
					6156	-155.4	-414.2			
					6157	-200.8	-75.6			
					6160	-18.3	-92.3			
					6161	-61.9	-428.8			

ANGLE

		LC			NODE	Fxx	Fyy	Fxy	Fmax	Fmin
				Max	Cent	67.3	31.2	27.6	82.2	16.3
28.38			c mob-b							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

12.52		6156	179.7	58.2	28.4	186.0	51.9
10.01		6157	222.3	68.7	28.0	227.3	63.8
70.09		6160	5.7	72.9	28.0	83.1	-4.4
65.58		6161	10.2	60.2	28.6	73.2	-2.8
-18.82	Min	Cent	-315.1	-2270.0	-753.9	-58.2	-2526.9
-17.47		6156	-411.7	-2796.4	-833.3	-149.3	-3058.7
-22.18		6157	-421.4	-1786.1	-667.2	-149.4	-2058.0
-20.39		6160	-221.3	-1755.3	-661.6	24.6	-2001.2
-16.51		6161	-255.1	-2837.7	-839.0	-6.5	-3086.3

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

44.62	Max	Cent	3686.5	3021.3	25244.8	28600.8	-21893.0
54.64		6156	1791.4	7780.6	8561.3	13855.9	-4283.9
10.87		6157	55206.9	2266.4	10552.0	57232.6	240.7
37.65		6160	28645.0	6404.7	42380.0	61339.5	-26289.8
38.23		6161	37223.5	18958.5	37922.1	67097.3	-10915.3
-2.90	Min	Cent	-5531.8	-129412.5	-6297.7	-5212.5	-129731.8
-4.55		6156	-137674.4	-359838.1	-17799.0	-136257.5	-361255.1
-3.98		6157	-4244.5	-101204.6	-6779.3	-3772.8	-101676.3
-5.40		6160	-2107.1	-57087.0	-5246.6	-1610.9	-57583.2
-26.94		6161	-1925.2	-13300.1	-7796.3	2037.7	-17263.0

		NODE	Vxx	Vyy
Max	Cent		2.2	16.7
	6156		3.3	24.8
	6157		3.2	8.8
	6160		3.7	8.6
	6161		4.0	23.8
Min	Cent		-105.0	-251.7
	6156		-150.1	-401.7
	6157		-194.1	-72.8
	6160		-14.9	-89.0
	6161		-59.2	-415.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

-16.03	pp	Cent	-432.2	-6583.6	-1926.7	121.4	-7137.2
-14.18		6156	-291.8	-8079.7	-2101.7	239.2	-8610.6
-18.08		6157	-200.9	-4949.0	-1735.5	365.8	-5515.7
		6160	-621.4	-4842.8	-1723.1	-7.4	-5456.8

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-19.61
-14.60

6161 -619.2 -8185.9 -2114.1 -68.6 -8736.5

NODE Mxx Myy Mxy Mmax Mmin

Cent -9013.0 -366178.6 65673.8 2680.0 -377871.5

10.10 6156 -380782.3 -1010374.5 -36049.7 -378724.9 -1012432.0

-3.27 6157 150785.6 -288586.7 6937.4 150895.1 -288696.2

0.90 6160 76399.0 -160908.2 119920.9 126445.4 -210954.7

22.65 6161 105314.9 16813.8 103798.7 173901.7 -51773.1

33.46

NODE Vxx Vyy

Cent -285.4 -702.7

6156 -409.0 -1126.4

6157 -534.1 -197.6

6160 -30.5 -242.9

6161 -159.5 -1165.5

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

vento -y Cent -77.6 -67.3 -90.7 18.4 -163.3

-46.62 6156 -122.3 -167.8 -102.5 -40.1 -250.0

-38.73 6157 -132.3 42.5 -77.9 72.1 -162.0

-69.15 6160 -18.7 49.6 -77.0 99.7 -68.8

-56.95 6161 -34.7 -175.0 -103.3 20.1 -229.7

-27.91

NODE Mxx Myy Mxy Mmax Mmin

ANGLE

Cent -579.8 1091.6 -1632.6 2090.0 -1578.1

-58.55 6156 -1659.2 1286.9 -1883.6 2205.0 -2577.3

-64.01 6157 202.0 1609.5 -1801.5 2839.8 -1028.3

-55.67 6160 61.0 2058.2 -1218.6 2635.1 -515.9

-64.67 6161 -859.1 -564.1 -1529.0 824.4 -2247.7

-47.75

NODE Vxx Vyy

Cent -1.6 0.9

6156 -2.9 2.7

6157 -2.5 -0.8

6160 -0.6 -0.9

6161 -0.2 2.3

LC NODE Fxx Fyy Fxy Fmax Fmin

ANGLE

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-42.40          cedime~1      Cent      -262.0    -322.7    -334.1      43.1      -627.8
-34.64          6156        -406.3    -691.7    -377.3     -145.6     -952.3
-66.03          6157        -437.3     80.4     -287.0      208.0     -564.9
-53.72          6160         -71.8     106.6     -283.9      315.0     -280.2
-26.03          6161       -124.7    -717.9    -380.3      61.0     -903.6

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
-26.39          Cent      -2903.6   -8779.6   -3867.7     -984.6   -10698.7
-28.23          6156   -16325.6  -26368.2  -7573.4   -12260.2  -30433.7
-27.44          6157     3506.2   -5060.7   -6090.5     6668.7   -8223.2
-32.86          6160     935.5    113.5    -911.4     1524.3   -475.2
-28.82          6161     139.6   -3052.7  -2518.9     1525.5  -4438.6

          NODE          Vxx          Vyy
-----
          Cent         -11.3         -17.4
          6156         -19.3         -23.7
          6157         -21.4          -8.4
          6160          -0.9         -10.2
          6161          -3.1         -26.1

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
ANGLE
-----
-17.76          perm      Cent      -155.1    -1606.7    -518.1      10.9     -1772.7
-15.56          6156     -152.8    -2034.9    -568.2       5.5     -2193.2
-21.40          6157     -138.0   -1138.9   -463.4      43.6     -1320.5
-22.05          6160     -159.2   -1108.5   -459.8      27.1     -1294.7
-15.55          6161     -169.8   -2065.3   -571.8     -10.7     -2224.4

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
ANGLE
-----
11.08          Cent     -1229.7   -98945.1  19895.2     2665.8  -102840.6
-2.19          6156   -98020.9 -270268.7  -6602.2   -97768.2  -270521.4
2.13          6157    40452.1   -78875.8   4451.7    40617.9   -79041.6
22.65          6160    19713.2   -46501.2  33460.1    33676.8   -60464.9
34.08          6161    29560.8    5581.4   29912.1    49796.6  -14654.4

          NODE          Vxx          Vyy
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	-73.0	-187.7
6156	-104.1	-303.5
6157	-138.2	-50.3
6160	-6.2	-62.2
6161	-41.3	-313.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-15.98	INV TO~1	Max	Cent	-19.1	-1527.9	-470.7	115.7	-1662.7
-13.14			6156	178.0	-1897.7	-512.6	297.7	-2017.4
-16.90			6157	260.8	-918.7	-421.6	388.9	-1127.1
-32.79		Min	6160	-146.4	-855.8	-418.2	234.1	-1138.7
-18.56			6161	-147.6	-1922.4	-515.6	28.5	-2061.3
-20.73			Cent	-842.5	-5091.3	-1877.0	-132.1	-5801.8
-18.61			6156	-1120.6	-6587.4	-2076.1	-421.5	-7286.4
-26.55			6157	-1155.6	-3727.3	-1659.6	-326.2	-4476.3
-22.85			6160	-534.1	-3660.5	-1645.5	29.9	-4277.3
-16.00			6161	-638.8	-6704.3	-2090.3	-23.8	-7354.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
24.07	Max	Cent	4593.6	-92733.0	54314.4	28856.1	-116995.5
1.75		6156	-94758.9	-256828.7	4955.6	-94607.5	-256980.0
3.59		6157	121065.7	-74261.7	18696.8	121855.7	-76067.1
31.28		6160	61194.2	-35782.8	92584.6	116504.4	-91001.1
36.62		6161	81122.2	31445.8	82223.5	142087.2	-21863.8
1.46	Min	Cent	-14336.7	-287560.8	6986.6	-14158.2	-287739.4
-4.48		6156	-306799.1	-797046.9	-38660.1	-303769.2	-800076.8
-1.16		6157	30618.7	-224311.2	-11150.2	30721.1	-224791.4
10.39		6160	12181.9	-125057.4	25116.6	16952.3	-129827.8
18.65		6161	25525.7	-17372.5	16388.9	31195.7	-29658.8

	NODE	Vxx	Vyy
Max	Cent	-65.3	-163.1
	6156	-98.4	-266.9
	6157	-131.0	-37.6
	6160	3.8	-49.8
	6161	-31.2	-278.2
Min	Cent	-231.4	-555.9
	6156	-333.2	-886.3
	6157	-430.7	-160.8
	6160	-31.8	-197.0
	6161	-128.0	-918.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.03	INV TO~2	Max	Cent	-19.1	-1527.9	-470.7	163.9	-1662.7
-14.18			6156	178.0	-1897.7	-512.6	322.9	-2017.4
-18.08			6157	260.8	-918.7	-421.6	493.8	-1127.1
-32.79			6160	-146.4	-855.8	-418.2	234.1	-1138.7
-18.56			6161	-147.6	-1922.4	-515.6	28.5	-2061.3
-20.73		Min	Cent	-842.5	-8887.8	-2601.0	-132.1	-9635.2
-18.61			6156	-1120.6	-10907.6	-2837.2	-421.5	-11624.4
-26.55			6157	-1155.6	-6681.1	-2342.9	-326.2	-7446.2
-19.61			6160	-838.9	-6537.7	-2326.1	-10.0	-7366.6
-14.60			6161	-835.9	-11050.9	-2854.0	-92.6	-11794.2

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
24.07		Max	Cent	4593.6	-92733.0	88659.6	28856.1	-116995.5
1.75			6156	-94758.9	-256828.7	4955.6	-94607.5	-256980.0
0.90			6157	203560.6	-74261.7	18696.8	203708.4	-76067.1
22.65			6160	103138.6	-35782.8	161893.3	170701.3	-91001.1
33.46			6161	142175.1	31445.8	140128.3	234767.4	-21863.8
1.46		Min	Cent	-14336.7	-494341.1	6986.6	-14158.2	-510126.6
-3.27			6156	-514056.1	-1364005.6	-48667.2	-511278.6	-1366783.2
-1.16			6157	30618.7	-389592.0	-11150.2	30721.1	-389739.9
10.39			6160	12181.9	-217226.1	25116.6	16952.3	-284788.8
18.65			6161	25525.7	-17372.5	16388.9	31195.7	-69893.7

		NODE	Vxx	Vyy
Max	Cent		-65.3	-163.1
	6156		-98.4	-266.9
	6157		-131.0	-37.6
	6160		3.8	-49.8
	6161		-31.2	-278.2
Min	Cent		-385.3	-948.6
	6156		-552.1	-1520.6
	6157		-721.1	-266.7
	6160		-41.2	-327.9
	6161		-215.3	-1573.5

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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6362 1      5  c mob-a  Max  Cent      56.1      85.9      83.6      155.9      -13.9
50.06
27.33
24.39
56.06
58.56
-20.07
-19.50
-20.95
-21.34
-19.95

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ANGLE

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Max  Cent      26175.0    5144.7    40411.3    57416.8    -26097.1
6157      5707.3    3414.5    41708.0    46284.6    -37162.8
1415      73207.9    6347.7    36099.2    88978.7     -9423.1
2206      44724.4    6279.4    35568.2    65932.1    -14928.3
6160      9706.7     9128.3    40079.5    49498.1    -30663.0
Min  Cent     -10233.9   -72842.7  -4255.1   -9946.1    -73130.5
6157     -16053.0  -102464.0 -4589.1   -15810.0  -102707.0
1415     -8561.0   -44972.5  -4121.7   -8100.3   -45433.2
2206     -18331.1  -89746.9  -4091.4   -18097.4  -89980.5
6160     -14011.1  -56700.0  -4515.2   -13538.8  -57172.4
-5.97

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Max  Cent      13.7      12.8
6157      7.6       8.5
1415      7.6       63.9
2206      19.9      63.9
6160      19.9      8.4
Min  Cent     -115.0    -19.0
6157     -143.4    -84.9
1415     -143.4    -11.8
2206     -88.9     -11.8
6160     -88.9     -81.4

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ANGLE

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-----
c mob-b  Max  Cent      43.9      51.9      79.7      127.7      -31.9
6157      184.4     61.8      81.6      225.1      21.1
26.54

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

23.85		1415	184.5	42.8	77.9	218.9	8.4
51.64		2206	6.6	43.4	78.0	105.1	-55.2
54.26		6160	6.6	61.1	81.4	119.7	-52.0
-21.09	Min	Cent	-54.5	-1796.5	-789.1	249.9	-2100.9
-20.45		6157	-74.2	-1890.0	-786.5	219.1	-2183.3
-22.09		1415	-74.2	-1703.4	-791.8	247.3	-2024.8
-22.40		2206	-115.8	-1709.8	-791.6	210.6	-2036.2
-20.84		6160	-115.9	-1883.5	-786.7	183.4	-2182.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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38.13	Max	Cent	22838.3	3538.3	39458.3	53809.5	-27432.9
44.58		6157	3509.6	2322.2	40825.2	43745.4	-37913.6
23.50		1415	70757.2	5852.2	34800.2	85888.5	-9279.1
31.45		2206	38888.7	3576.1	34515.4	60001.7	-17536.9
45.54		6160	6428.0	7902.5	39316.8	46489.0	-32158.5
-3.38	Min	Cent	-4951.7	-71068.0	-3914.0	-4720.8	-71298.9
-2.88		6157	-13808.8	-99666.6	-4333.0	-13590.6	-99884.7
-4.66		1415	-3430.0	-43751.4	-3305.4	-3160.8	-44020.6
-2.51		2206	-12134.3	-87602.7	-3314.3	-11989.0	-87747.9
-5.40		6160	-11347.0	-55620.4	-4224.8	-10947.5	-56019.9

		NODE	Vxx	Vyy
Max	Cent		10.7	16.1
		6157	5.9	7.5
		1415	5.9	69.3
		2206	15.4	69.3
Min	Cent		15.4	7.2
		6157	-111.0	-19.3
		1415	-138.8	-81.6
		2206	-138.8	-11.0
		6160	-84.1	-11.0
		6160	-84.1	-78.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-19.46	pp	Cent	15.0	-4981.0	-2017.1	727.7	-5693.8
-17.79		6157	364.7	-5250.8	-2008.8	1009.3	-5895.4
-19.29		1415	365.2	-4711.3	-2025.5	1074.3	-5420.4
-21.30		2206	-326.4	-4730.0	-2024.9	463.1	-5519.5
		6160	-326.9	-5232.1	-2009.4	391.1	-5950.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-19.66

ANGLE NODE Mxx Myy Mxy Mmax Mmin

20.72	Cent	51013.6	-202783.6	112027.4	93388.2	-245158.1
21.73	6157	-39310.8	-282880.2	115436.6	6705.4	-328896.3
16.25	1415	189811.9	-120951.3	99012.4	218677.1	-149816.5
15.30	2206	81086.0	-252019.4	98473.7	108019.5	-278952.8
29.77	6160	-25109.4	-156195.1	111425.0	38620.4	-219924.8

NODE Vxx Vyy

Cent	-300.5	-20.9
6157	-378.6	-220.9
1415	-378.6	174.3
2206	-224.3	174.3
6160	-224.3	-211.4

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

-54.43	vento -y	Cent	-26.5	41.5	-99.6	112.8	-97.7
-56.65		6157	-51.1	34.6	-99.4	100.0	-116.5
-58.26		1415	-51.1	48.5	-99.8	110.3	-112.8
-52.10		2206	-2.5	48.1	-99.8	125.8	-80.2
-50.34		6160	-2.5	35.0	-99.4	117.4	-84.9

ANGLE NODE Mxx Myy Mxy Mmax Mmin

-46.51		Cent	1193.0	1351.5	-1503.9	2778.2	-233.8
-52.05		6157	445.3	1073.5	-1250.8	2049.1	-530.3
-23.07		1415	2036.5	-733.4	-1441.5	2650.6	-1347.4
-57.98		2206	1703.8	3306.1	-1646.1	4335.7	674.3
-55.85		6160	613.4	1785.6	-1472.9	2784.8	-385.8

NODE Vxx Vyy

Cent	-2.6	-3.9
6157	-3.8	-1.4
1415	-3.8	-6.5
2206	-1.4	-6.5
6160	-1.4	-1.2

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	cedime~1	Cent	-66.4	72.2	-369.5	378.8	-373.0
-50.31		6157	-144.1	53.9	-368.9	336.9	-427.1
-52.51		1415	-144.1	90.4	-370.0	361.3	-415.0
-53.79		2206	9.5	89.1	-370.0	421.5	-322.8
-48.07		6160	9.5	55.2	-368.9	402.0	-337.3
-46.77							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	3006.2	-3522.0	-1933.1	3535.6	-4051.5
-15.32		6157	-940.5	-6665.2	-775.7	-837.2	-6768.5
-7.58		1415	9971.7	-8592.9	-2401.6	10277.3	-8898.5
-7.25		2206	4109.3	2060.6	-2974.3	6230.6	-60.8
-35.50		6160	-920.2	-815.2	-1530.4	663.6	-2399.0
-45.98							
		NODE	Vxx	Vyy			

		Cent	-14.8	-14.6			
		6157	-21.7	-10.8			
		1415	-21.7	-18.9			
		2206	-8.0	-18.9			
		6160	-8.0	-9.9			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	perm	Cent	-8.0	-1152.9	-538.8	205.7	-1366.5
-21.63		6157	60.4	-1212.2	-537.0	256.7	-1408.5
-20.08		1415	60.5	-1093.5	-540.6	274.2	-1307.2
-21.57		2206	-74.7	-1097.6	-540.5	158.0	-1330.3
-23.29		6160	-74.8	-1208.1	-537.1	139.3	-1422.2
-21.73							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	11815.8	-56083.0	31824.5	24399.9	-68667.1
21.57		6157	-10459.8	-76570.6	32597.9	2909.8	-89940.2
22.30		1415	48442.0	-31255.3	27966.9	57276.6	-40089.9
17.53		2206	18055.3	-71856.2	28217.7	26177.4	-79978.3
16.06		6160	-8139.8	-44917.0	31944.5	10330.7	-63387.5
30.04							
		NODE	Vxx	Vyy			

		Cent	-76.0	0.4			
		6157	-95.9	-55.6			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

1415 -95.9 55.0
 2206 -56.5 55.0
 6160 -56.5 -53.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	INV TO~1	Max Cent	67.7	-964.7	-426.0	734.8	-1182.1
-24.07		6157	356.2	-1025.9	-421.8	669.6	-1194.6
-23.38		1415	356.5	-900.5	-430.2	745.6	-1116.6
-25.07		2206	-51.8	-905.3	-429.9	697.1	-1162.3
-25.24		6160	-52.0	-1021.7	-422.1	625.2	-1229.4
-23.65		Min Cent	-150.1	-3773.9	-1981.4	212.9	-4586.7
-18.82		6157	-184.2	-3953.8	-1975.2	470.9	-4753.7
-15.21		1415	-184.0	-3594.4	-1987.6	482.1	-4433.6
-16.28		2206	-249.3	-3606.9	-1987.2	106.5	-4454.6
-21.33		6160	-249.6	-3941.4	-1975.6	91.0	-4751.4
-19.87							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max Cent	50158.3	-49137.7	86379.8	97898.0	-99883.6
30.43		6157	-2755.0	-71961.1	88903.6	58042.3	-132758.4
34.37		1415	157244.3	-22685.9	76700.8	183006.2	-52181.5
19.12		2206	82542.5	-61318.3	76234.7	113281.8	-92057.7
22.76		6160	4964.3	-32593.8	86051.9	74262.4	-101253.6
38.84		Min Cent	-2000.0	-157942.6	24147.0	2339.0	-161530.0
9.45		6157	-33071.8	-221562.2	25626.9	-29649.8	-224984.3
7.61		1415	36884.6	-100561.0	20001.0	40668.4	-103226.4
9.59		2206	-6691.6	-193014.5	19720.0	-3967.3	-195738.8
6.85		6160	-27975.0	-122277.3	24318.5	-22073.2	-128179.1
13.64							

	NODE	Vxx	Vyy
Max	Cent	-57.5	22.1
	6157	-85.6	-44.1
	1415	-85.6	148.6
	2206	-29.7	148.6
	6160	-29.7	-41.8
Min	Cent	-246.0	-40.3
	6157	-311.2	-181.0
	1415	-311.2	20.3
	2206	-184.4	20.3
	6160	-184.4	-173.0

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-19.46	INV TO~2	Max Cent	67.7	-964.7	-426.0	982.4	-1182.1
-17.79		6157	492.3	-1025.9	-421.8	1362.6	-1194.6
-19.29		1415	493.0	-900.5	-430.2	1450.3	-1116.6
-25.24		2206	-51.8	-905.3	-429.9	697.1	-1162.3
-23.65		6160	-52.0	-1021.7	-422.1	625.2	-1229.4
-18.82		Min Cent	-150.1	-6724.4	-2723.1	212.9	-7686.6
-15.21		6157	-184.2	-7088.6	-2711.9	470.9	-7958.8
-16.28		1415	-184.0	-6360.2	-2734.4	482.1	-7317.5
-21.33		2206	-440.7	-6385.5	-2733.6	106.5	-7451.3
-19.87		6160	-441.3	-7063.3	-2712.7	91.0	-8032.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

20.72	Max Cent	68868.4	-49137.7	151237.0	126074.1	-99883.6
34.37		6157	-2755.0	-71961.1	155839.4	-132758.4
16.25		1415	256246.1	-22685.9	133666.7	-52181.5
15.30		2206	109466.2	-61318.3	132939.5	-92057.7
38.84		6160	4964.3	-32593.8	150423.8	-101253.6
9.45	Min Cent	-2000.0	-273757.8	24147.0	2339.0	-330963.5
7.61		6157	-53069.5	-381888.2	25626.9	-29649.8
9.59		1415	36884.6	-163284.3	20001.0	-202252.3
6.85		2206	-6691.6	-340226.2	19720.0	-3967.3
13.64		6160	-33897.7	-210863.3	24318.5	-22073.2

	NODE	Vxx	Vyy
Max	Cent	-57.5	22.1
	6157	-85.6	-44.1
	1415	-85.6	235.3
	2206	-29.7	235.3
	6160	-29.7	-41.8
Min	Cent	-405.7	-40.3
	6157	-511.1	-298.2
	1415	-511.1	20.3
	2206	-302.8	20.3
	6160	-302.8	-285.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

6363	1	5	c mob-a	Max Cent	78.2	27.8	1382.7	1435.9	-1329.9

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

44.48							
		2205	10.0	31.9	1393.5	1414.5	-1372.6
45.23							
		6158	9.9	26.4	1371.8	1390.0	-1353.7
45.17							
		6162	210.6	26.3	1372.5	1494.1	-1257.2
43.08							
		2712	211.1	31.5	1392.8	1517.0	-1274.4
43.16							
	Min	Cent	-136.3	-1547.9	-69.8	-132.8	-1551.4
-2.82							
		2205	-90.4	-1362.1	-67.9	-86.8	-1365.8
-3.05							
		6158	-90.9	-1856.1	-71.7	-88.0	-1859.0
-2.32							
		6162	-208.7	-1835.8	-71.6	-205.5	-1839.0
-2.51							
		2712	-208.6	-1372.8	-68.1	-204.7	-1376.7
-3.33							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
	Max	Cent	31479.5	14777.2	3102.3	32037.1	14219.6
10.19							
		2205	65969.6	24736.1	3475.3	66260.4	24445.3
4.78							
		6158	10742.1	9035.7	3741.0	13726.0	6051.8
38.58							
		6162	20395.8	33356.5	3559.2	34269.6	19482.7
75.61							
		2712	41172.0	18692.2	3138.9	41602.1	18262.1
7.80							
	Min	Cent	-22627.2	-17146.8	-33856.0	14079.7	-53853.7
-47.31							
		2205	-25446.5	-13965.7	-25421.6	6355.6	-45767.7
-51.36							
		6158	-15506.9	-39383.7	-37492.7	11902.2	-66792.8
-36.17							
		6162	-18315.1	-17768.0	-37392.4	19351.9	-55434.9
-45.21							
		2712	-38768.1	-28181.3	-26833.6	-6124.0	-60825.4
-50.58							

		NODE	Vxx	Vyy
	Max	Cent	69.6	9.3
		2205	97.9	48.9
		6158	97.9	12.1
		6162	46.4	12.3
		2712	46.4	48.9
	Min	Cent	-28.8	-31.9
		2205	-23.2	-17.8
		6158	-23.2	-95.4
		6162	-35.1	-90.5
		2712	-35.1	-17.8

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
ANGLE								
	c mob-b	Max	Cent	65.0	20.9	1290.9	1334.0	-1248.1
44.51								
			2205	12.9	26.2	1301.3	1320.8	-1281.7
45.15								
			6158	12.8	18.3	1280.5	1296.1	-1265.0
45.06								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-37.09	Cent	37662.5	-11315.0	-86471.9	103046.4	-76698.9
-23.83	2205	166116.5	51272.5	-63024.8	193955.4	23433.7
-32.27	6158	-13975.7	-104669.3	-95282.0	46200.0	-164844.9
-52.91	6162	-2051.6	52012.7	-95347.1	124085.6	-74124.5
-35.14	2712	3984.5	-44411.0	-67539.0	51529.7	-91956.2

NODE	Vxx	Vyy

Cent	153.2	-76.7
2205	266.8	100.9
6158	266.8	-261.3
6162	42.2	-247.4
2712	42.2	100.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-51.14	vento -y	Cent	-19.0	26.4	-104.4	110.6	-103.2
-44.12		2205	7.9	1.4	-105.2	109.9	-100.6
-50.92		6158	7.9	51.4	-103.7	135.6	-76.2
-57.32		6162	-45.3	49.8	-103.7	116.3	-111.9
-51.48		2712	-45.4	3.0	-105.2	86.7	-129.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-40.24	Cent	-764.6	-1208.5	-1323.7	355.7	-2328.8
-60.26	2205	-1405.8	292.7	-1440.6	1115.8	-2228.8
-40.33	6158	-411.5	-802.5	-1187.9	596.9	-1810.9
-34.79	6162	-519.2	-1374.9	-1149.8	279.7	-2173.9
-25.66	2712	-746.8	-2970.1	-1388.4	-79.9	-3637.0

NODE	Vxx	Vyy

Cent	-1.0	3.2
2205	-2.2	5.4
6158	-2.2	1.0
6162	0.2	0.9
2712	0.2	5.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-28.79	cedime~1	Cent	-123.7	-230.8	-84.3	-77.4	-277.1

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-14.57		2205	-14.1	-327.3	-87.3	8.6	-349.9
-26.74		6158	-13.9	-134.3	-81.3	27.0	-175.3
-59.49		6162	-230.9	-140.6	-81.5	-92.6	-278.9
-31.34		2712	-231.0	-321.0	-87.1	-178.0	-374.0

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-43.43		Cent	-3705.7	-4594.0	-8091.4	3953.7	-12253.4
-57.34		2205	-3438.8	4036.5	-8130.7	9247.4	-8649.8
-42.04		6158	-4222.2	-5775.7	-7489.6	2530.8	-12528.7
-44.08		6162	-2581.8	-3050.7	-7327.2	4514.7	-10147.2
-30.20		2712	-4615.4	-13704.4	-8002.3	42.8	-18362.6

NODE	Vxx	Vyy
Cent	-1.0	12.1
2205	-2.1	27.9
6158	-2.1	-3.7
6162	0.2	-3.9
2712	0.2	27.9

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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29.09	perm	Cent	-10.6	-1203.3	960.9	524.0	-1737.9
32.31		2205	-45.2	-963.6	968.3	567.3	-1576.1
26.88		6158	-45.6	-1443.0	953.5	437.8	-1926.4
26.38		6162	23.1	-1427.4	954.0	496.2	-1900.5
31.31		2712	23.5	-979.1	967.9	612.2	-1567.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-36.25		Cent	11798.7	-1494.8	-21070.4	27245.9	-16942.0
-20.95		2205	46160.0	12949.9	-14899.5	51864.6	7245.3
-31.23		6158	-3172.9	-27503.8	-23332.5	10975.2	-41651.9
-53.66		6162	1544.4	16150.1	-23420.8	33380.2	-15685.7
-35.39		2712	3588.2	-7698.1	-16184.2	15084.8	-19194.8

NODE	Vxx	Vyy
Cent	42.3	-25.5
2205	73.9	19.3
6158	73.9	-72.3
6162	11.4	-68.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

			2712	11.4	19.3			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	95.0	-1165.7	2827.5	2361.6	-3432.3
38.72			2205	-27.7	-920.5	2849.6	2410.3	-3067.4
40.55			6158	-28.3	-1407.3	2805.5	2171.2	-3606.8
38.10			6162	307.4	-1391.9	2806.9	2390.5	-3474.9
36.58			2712	308.6	-936.5	2848.2	2601.4	-3102.2
38.84		Min	Cent	-318.3	-3523.8	782.4	-137.6	-3704.6
13.01			2205	-181.3	-3129.7	789.4	16.7	-3472.1
14.08			6158	-182.3	-4083.0	775.4	-33.8	-4231.5
10.84			6162	-489.5	-4046.4	775.9	-327.6	-4208.3
11.78			2712	-489.2	-3153.3	788.9	-273.1	-3430.6
15.32								
ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Max	Cent	54296.0	18454.4	-16882.3	63224.6	11754.8
-26.84			2205	135218.9	50380.1	-9483.5	136219.6	46732.1
-6.02			6158	11328.9	-15305.7	-18237.1	27517.6	-24570.3
-35.55			6162	29078.8	61181.4	-18603.4	72687.7	20559.1
-60.69			2712	59170.4	17536.3	-11530.9	62150.6	14556.1
-14.49		Min	Cent	-25777.7	-29237.0	-74867.4	43430.9	-102394.8
-44.45			2205	5100.9	-5903.7	-57349.3	51063.6	-55838.2
-40.83			6158	-30675.8	-86447.5	-81437.2	20593.5	-144640.9
-26.93			6162	-28321.1	-10887.3	-81227.8	57652.7	-101298.4
-48.45			2712	-57913.6	-59447.3	-60411.8	1736.2	-119097.1
-44.64								
			NODE	Vxx	Vyy			
		Max	Cent	136.2	-0.9			
			2205	206.1	113.3			
			6158	206.1	-55.9			
			6162	74.2	-51.9			
			2712	74.2	113.3			
		Min	Cent	-1.0	-71.9			
			2205	38.6	-9.0			
			6158	38.6	-204.8			
			6162	-40.0	-194.6			
			2712	-40.0	-9.0			
ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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          INV TO~2  Max  Cent      95.0   -1165.7   5028.7   2923.2   -3432.3
29.65
          2205   -27.7   -920.5   5069.5   3100.0   -3067.4
33.40
          6158   -28.3   -1407.3   4987.9   2351.3   -3606.8
27.50
          6162   356.4   -1391.9   4990.6   2848.5   -3474.9
26.54
          2712   358.8   -936.5   5066.8   3499.6   -3102.2
31.79
          Min  Cent  -318.3   -5909.7   782.4   -137.6   -8772.7
13.01
          2205   -242.6   -4588.6   789.4    16.7   -7931.2
14.08
          6158   -245.1   -7230.9   775.4   -33.8   -9827.3
10.84
          6162   -489.5   -7145.2   775.9   -327.6   -9637.3
11.78
          2712   -489.2   -4674.3   788.9   -273.1   -7815.1
15.32
  
```

```

          ANGLE
          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Max  Cent  54296.0  18454.4  -16882.3  139112.6  11754.8
-37.09
          2205  224257.3  69217.9  -9483.5  261839.7  46732.1
-23.83
          6158  11328.9  -15305.7  -18237.1  62369.9  -24570.3
-32.27
          6162  29078.8  70217.2  -18603.4  167515.6  20559.1
-52.91
          2712  59170.4  17536.3  -11530.9  69565.1  14556.1
-35.14
          Min  Cent  -25777.7  -29237.0  -116737.1  43430.9  -103543.6
-44.45
          2205   5100.9  -5903.7  -85083.4  51063.6  -55838.2
-40.83
          6158  -30675.8  -141303.6  -128630.7  20593.5  -222540.7
-26.93
          6162  -28321.1  -10887.3  -128718.6  57652.7  -101298.4
-48.45
          2712  -57913.6  -59954.8  -91177.7   1736.2  -124140.9
-44.64
  
```

```

          NODE      Vxx      Vyy
-----
          Max  Cent  206.9    -0.9
          2205  360.1   136.2
          6158  360.1   -55.9
          6162   74.2   -51.9
          2712   74.2   136.2
          Min  Cent  -1.0   -103.6
          2205   38.6    -9.0
          6158   38.6   -352.7
          6162  -40.0   -334.0
          2712  -40.0    -9.0
  
```

```

          ELEM  MAT  SEC  LC  NODE      Fxx      Fyy      Fxy      Fmax      Fmin
          ANGLE
-----
          6364  1    5  c  mob-a  Max  Cent  409.5   135.5   494.9   786.0   -241.0
          37.26
          6158  194.8   26.0   446.1   564.4   -343.7
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

39.64							
		6159	248.8	347.7	539.9	840.5	-243.9
47.62		6163	605.2	364.5	543.4	1041.4	-71.7
38.76		6162	650.9	25.2	443.5	880.8	-204.7
27.40							
-4.42	Min	Cent	-145.4	-1947.5	-140.1	-134.6	-1958.3
-3.03		6158	-32.3	-1860.9	-97.1	-27.2	-1866.1
-4.91		6159	-54.6	-2135.9	-180.3	-39.1	-2151.4
-5.69		6163	-327.1	-2150.7	-183.4	-308.8	-2168.9
-3.67		6162	-394.0	-1858.8	-94.2	-387.9	-1864.9

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

	Max	Cent	8606.8	31094.8	3010.2	31490.8	8210.8
82.51		6158	11417.3	9261.0	3711.3	14203.8	6474.4
36.90		6159	6455.0	12038.6	4744.9	14752.1	3741.5
60.24		6163	31038.8	147878.1	8310.3	148466.2	30450.7
85.95		6162	21025.2	35419.2	6793.6	38119.2	18325.3
68.33	Min	Cent	-17204.4	-20693.0	-47928.2	29011.2	-66908.6
-43.96		6158	-9254.8	-26502.0	-45495.4	28427.1	-64183.9
-39.63		6159	-14210.6	-82429.8	-65076.1	25153.3	-121793.8
-31.17		6163	-23649.3	-52211.3	-43543.4	7895.2	-83755.8
-35.92		6162	-51365.9	-17226.2	-27900.0	-1588.5	-67003.7
-60.73							

		NODE	Vxx	Vyy
	Max	Cent	27.5	33.8
		6158	7.8	14.5
		6159	15.4	58.7
		6163	45.3	55.7
		6162	48.4	13.5
	Min	Cent	-40.5	-175.1
		6158	-21.5	-95.2
		6159	-45.6	-253.4
		6163	-43.2	-256.8
		6162	-61.9	-95.7

		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	c mob-b	Max	Cent	345.5	81.2	419.5	653.2	-226.5
36.26			6158	172.8	17.3	385.6	488.4	-298.3
39.30			6159	214.6	260.4	452.1	690.2	-215.1
46.45			6163	503.0	274.7	454.6	857.6	-79.8
37.95								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

27.80		6162	541.5	15.9	383.8	743.9	-186.5
-4.20	Min	Cent	-128.8	-1920.4	-132.1	-119.1	-1930.1
-2.90		6158	-33.5	-1802.0	-89.8	-28.9	-1806.5
-4.76		6159	-50.1	-2115.9	-173.2	-35.7	-2130.3
-5.41		6163	-284.5	-2132.0	-176.4	-267.8	-2148.7
-3.40		6162	-339.5	-1799.3	-87.0	-334.3	-1804.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

84.38	Max	Cent	5664.1	26791.4	2098.8	26997.9	5457.6
32.30		6158	9943.0	6471.5	3656.9	12255.2	4159.3
37.52		6159	6169.2	3949.1	4153.8	9358.7	759.5
86.46		6163	29098.8	144693.9	7179.9	145138.2	28654.6
68.96		6162	14777.6	29950.3	6849.0	32584.6	12143.4
-44.03	Min	Cent	-16215.6	-19345.5	-46131.6	28377.6	-63938.7
-39.59		6158	-9993.9	-26825.4	-44034.0	26421.3	-63240.6
-31.16		6159	-13529.8	-78968.8	-62381.8	24192.5	-116691.2
-36.17		6163	-22067.5	-48725.7	-41845.7	8520.7	-79313.9
-60.36		6162	-49172.9	-16781.9	-27252.0	-1276.2	-64678.6

	NODE	Vxx	Vyy
Max	Cent	23.3	30.2
	6158	5.4	13.4
	6159	12.2	54.7
	6163	39.7	51.5
	6162	42.4	12.5
Min	Cent	-41.3	-169.7
	6158	-21.5	-92.7
	6159	-44.1	-245.0
	6163	-45.1	-248.1
	6162	-63.8	-92.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

8.94	pp	Cent	778.8	-5263.3	974.2	932.0	-5416.4
9.07		6158	436.1	-5380.0	953.1	588.3	-5532.2
9.63		6159	526.1	-5157.1	993.3	694.7	-5325.7
8.90		6163	1045.8	-5149.0	994.8	1201.6	-5304.8
8.15		6162	1120.7	-5388.1	951.6	1257.0	-5524.3

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	--	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-52.01          Cent    -26883.9   33747.3  -121327.9   128489.7  -121626.3
-35.80          6158    11630.2   -67379.2  -118722.8   97248.4  -152997.3
-30.71          6159   -27616.1  -208562.7  -166019.5   70981.8  -307160.5
-72.98          6163    14772.6   329067.9  -106168.3   361570.2  -17729.7
-71.40          6162  -105737.5   69377.8   -66468.2   91749.1  -128108.7
    
```

```

-----
NODE          Vxx          Vyy
-----
Cent          -46.5         -466.3
6158          -47.6         -259.9
6159         -107.6         -644.0
6163           15.9         -663.8
6162          -45.3         -261.7
    
```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
ANGLE
-----
vento -y
-55.33          Cent          -71.9          -12.0          -79.4          42.9          -126.8
-58.96          6158           -17.4           54.1          -67.5          94.7           -58.0
-39.09          6159           -34.3           -72.1          -90.2          39.0          -145.4
-50.89          6163          -114.6          -76.7          -91.1           -2.6          -188.7
-71.87          6162          -123.0           58.7          -66.6          80.5          -144.8
    
```

```

          NODE          Mxx          Myy          Mxy          Mmax          Mmin
-----
ANGLE
-----
-43.91          Cent         -1051.3        -1177.0        -1655.6          542.7        -2771.0
-48.31          6158          -832.5         -545.7         -1236.0          555.1        -1933.4
-30.51          6159        -1060.0        -2817.4        -1586.7        -124.9        -3752.5
-49.85          6163        -1230.0         -601.2         -1839.5          950.6        -2781.8
-47.39          6162        -1011.4         -706.5         -1821.8          969.3        -2687.1
    
```

```

-----
NODE          Vxx          Vyy
-----
Cent           0.0           -1.0
6158           0.3            0.8
6159           0.8           -2.5
6163           0.9           -2.7
6162           0.3            0.6
    
```

```

          LC          NODE          Fxx          Fyy          Fxy          Fmax          Fmin
-----
ANGLE
-----
cedime~1
-51.13          Cent         -250.7         -182.4         -157.1          -55.7          -377.3
-32.38          6158           21.3          -115.4         -145.1          113.3          -207.4
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-29.98	6159	-48.7	-243.2	-168.1	48.3	-340.2
-61.20	6163	-462.4	-247.9	-169.0	-155.0	-555.3
-72.54	6162	-523.8	-110.8	-144.2	-65.4	-569.2

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-47.83	Cent	-4544.3	-2607.4	-9780.6	6252.5	-13404.3
-46.17	6158	-4157.5	-3480.0	-8320.7	4508.9	-12146.3
-30.86	6159	-5378.6	-16561.1	-10395.4	833.8	-22773.5
-59.33	6163	-1359.9	9185.2	-9648.1	14907.4	-7082.2
-55.59	6162	-6904.6	282.5	-9277.4	6638.0	-13260.1

NODE	Vxx	Vyy
Cent	-4.2	-17.7
6158	-3.6	-4.5
6159	-7.4	-29.2
6163	-0.8	-30.3
6162	-4.8	-4.3

ANGLE

LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
----	------	-----	-----	-----	------	------

7.50	perm	Cent	150.2	-1448.3	214.2	178.4	-1476.5
7.70		6158	113.1	-1446.1	214.6	142.1	-1475.1
7.61		6159	122.1	-1450.4	213.8	150.6	-1478.9
7.35		6163	179.0	-1450.5	213.8	206.6	-1478.1
7.36		6162	188.3	-1445.9	214.6	216.0	-1473.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	------	-----	-----	-----	------	------

-52.29	Cent	-4636.3	10698.6	-29478.0	33490.0	-27427.7
-34.84	6158	4200.8	-17901.8	-29831.4	24962.1	-38663.1
-30.52	6159	-5667.2	-51238.0	-41169.6	18601.7	-75506.9
-74.22	6163	8006.1	88806.0	-24819.6	95820.9	991.2
-73.16	6162	-25028.7	19763.0	-14930.4	24283.5	-29549.2

NODE	Vxx	Vyy
Cent	-12.9	-123.0
6158	-12.1	-71.6
6159	-27.1	-167.6
6163	1.6	-172.3
6162	-13.8	-71.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
20.94	INV TO~1	Max Cent	703.0	-1265.4	882.3	1040.6	-1603.0
21.22		6158	397.4	-1411.1	816.9	693.2	-1728.2
26.33		6159	458.0	-980.9	942.8	924.5	-1447.4
22.06		6163	996.1	-958.4	947.4	1379.9	-1342.3
16.64		6162	1067.0	-1411.9	813.4	1310.1	-1654.9
-1.91		Min Cent	-296.8	-4259.8	-132.1	-292.4	-4264.2
1.19		6158	67.9	-4073.8	-61.6	69.6	-4074.7
-2.47		6159	-0.4	-4577.1	-197.7	8.2	-4585.6
-2.99		6163	-724.9	-4601.8	-202.8	-714.3	-4612.4
-1.02		6162	-867.4	-4066.1	-56.8	-866.4	-4067.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-46.73	Max Cent	6982.9	52676.6	-25414.3	78025.7	-4344.3
-38.75	6158	19614.1	-5399.5	-24821.1	66466.1	-20686.7
-30.95	6159	3047.0	-34985.9	-34764.0	53384.1	-55594.6
-84.71	6163	49908.5	297626.5	-13600.6	299778.0	49135.5
-78.63	6162	3355.4	67861.4	-5684.3	70869.4	2856.1
-65.98	Min Cent	-32406.5	-19844.4	-103961.6	64003.7	-130276.6
-31.63	6158	-13448.5	-57596.1	-99570.9	34901.3	-137510.6
-30.66	6159	-30230.2	-179079.4	-139417.6	23655.8	-262693.7
-52.09	6163	-25280.3	18320.7	-93251.3	83429.9	-95801.6
-65.41	6162	-101277.4	-3492.4	-61872.7	20573.4	-131190.1

	NODE	Vxx	Vyy
Max	Cent	24.3	-77.4
	6158	-1.6	-52.0
	6159	-6.3	-88.3
	6163	62.8	-97.0
	6162	51.6	-53.4
Min	Cent	-72.9	-377.0
	6158	-44.7	-204.7
	6159	-96.0	-539.0
	6163	-60.2	-549.2
	6162	-104.7	-205.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

8.94	INV TO~2	Max	Cent	1051.4	-1265.4	1315.1	1258.2	-1603.0
9.07			6158	588.8	-1411.1	1286.6	794.3	-1728.2
9.63			6159	710.3	-980.9	1341.0	937.9	-1447.4
8.90			6163	1411.8	-958.4	1343.0	1622.2	-1342.3
8.15			6162	1513.0	-1411.9	1284.7	1696.9	-1654.9
-1.91		Min	Cent	-296.8	-7105.4	-132.1	-292.4	-7312.2
1.19			6158	67.9	-7263.0	-61.6	69.6	-7468.4
-2.47			6159	-0.4	-6962.1	-197.7	8.2	-7189.7
-2.99			6163	-724.9	-6951.2	-202.8	-714.3	-7161.5
-1.02			6162	-867.4	-7273.9	-56.8	-866.4	-7457.9

ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin
-52.01		Max	Cent	6982.9	52676.6	-25414.3	173461.1	-4344.3
-35.80			6158	19614.1	-5399.5	-24821.1	131285.3	-20686.7
-30.71			6159	3047.0	-34985.9	-34764.0	95825.4	-55594.6
-72.98			6163	49908.5	444241.7	-13600.6	488119.8	49135.5
-71.40			6162	3355.4	93660.1	-5684.3	123861.2	2856.1
-65.98		Min	Cent	-36293.3	-19844.4	-163792.7	64003.7	-164195.5
-31.63			6158	-13448.5	-90961.9	-160275.8	34901.3	-206546.4
-30.66			6159	-37281.7	-281559.6	-224126.3	23655.8	-414666.7
-52.09			6163	-25280.3	18320.7	-143327.2	83429.9	-95801.6
-65.41			6162	-142745.6	-3492.4	-89732.0	20573.4	-172946.8

	NODE	Vxx	Vyy
Max	Cent	24.3	-77.4
	6158	-1.6	-52.0
	6159	-6.3	-88.3
	6163	62.8	-97.0
	6162	51.6	-53.4
Min	Cent	-72.9	-629.5
	6158	-64.3	-350.9
	6159	-145.3	-869.4
	6163	-60.2	-896.2
	6162	-104.7	-353.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6365	1	5	c mob-a	Max	Cent	193.1	127.3	277.4	439.5	-119.1
					6161	120.4	251.2	354.9	546.7	-175.1
					6160	106.8	30.8	193.1	265.6	-128.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

39.44			6164	312.4	28.4	187.3	405.5	-64.7
26.42			6165	289.4	262.2	360.9	636.9	-85.3
43.92		Min	Cent	-252.8	-2009.2	-236.5	-221.6	-2040.5
-7.54			6161	-94.0	-2435.7	-263.6	-64.7	-2465.0
-6.34			6160	-36.8	-1618.9	-207.2	-10.1	-1645.6
-7.34			6164	-534.1	-1593.2	-205.8	-495.5	-1631.8
-10.62			6165	-473.0	-2468.5	-265.7	-438.3	-2503.3
-7.45								

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE								
		Max	Cent	6267.0	24450.3	68872.8	84828.9	-54111.6
48.76			6161	5587.9	9814.6	83515.7	91243.7	-75841.2
45.72			6160	8027.7	8695.7	62372.2	70734.8	-54011.3
45.15			6164	18871.9	34485.5	52348.0	79605.6	-26248.2
49.24			6165	25046.3	148701.7	66244.8	177488.7	-3740.8
66.51		Min	Cent	-24315.0	-20583.3	-2677.1	-19186.0	-25712.3
-62.44			6161	-25369.6	-110532.1	-4623.9	-25119.3	-110782.5
-3.10			6160	-9653.5	-27462.7	-3867.8	-8849.7	-28266.4
-11.74			6164	-52099.8	-14438.4	-5604.4	-13622.1	-52916.1
-81.71			6165	-29671.6	-49733.2	-7529.0	-27160.4	-52244.4
-18.45								

		NODE	Vxx	Vyy
	Max	Cent	33.0	31.6
		6161	48.5	56.5
		6160	19.2	13.0
		6164	50.0	10.2
		6165	38.0	53.6
	Min	Cent	-26.3	-190.0
		6161	-14.7	-283.2
		6160	-7.1	-90.8
		6164	-46.7	-93.5
		6165	-55.2	-289.4

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								
	c mob-b	Max	Cent	186.0	92.6	230.8	374.8	-96.2
39.28			6161	111.2	181.8	300.5	449.0	-156.1
48.35			6160	88.8	19.6	155.3	213.3	-104.9
38.72			6164	297.3	20.2	150.1	363.0	-45.6
23.65			6165	275.4	189.5	305.9	541.3	-76.5
41.00								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.37	Min	Cent	-205.2	-1890.6	-221.6	-176.6	-1919.2
-6.14		6161	-75.8	-2264.5	-238.3	-50.2	-2290.2
-7.51		6160	-29.0	-1555.7	-204.7	-2.0	-1582.7
-9.81		6164	-391.1	-1533.0	-203.6	-355.9	-1568.2
-6.96		6165	-370.1	-2294.1	-238.5	-341.0	-2323.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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49.25	Max	Cent	4478.5	24540.5	67075.7	82331.2	-53312.1
45.28		6161	4581.8	6176.1	81621.6	87004.4	-76246.6
45.62		6160	5543.6	8157.7	60821.7	67686.4	-53985.1
50.60		6164	12727.3	33010.6	51265.8	75128.3	-29390.4
65.97		6165	26606.1	142878.5	64709.4	171731.6	-2247.0
-66.60	Min	Cent	-24332.1	-21108.0	-1716.5	-20365.2	-25074.8
-2.07		6161	-24851.0	-108045.6	-3009.0	-24742.3	-108154.3
-9.89		6160	-7939.5	-26247.6	-3292.5	-7365.4	-26821.7
-81.66		6164	-50935.1	-13221.3	-5648.6	-12393.5	-51762.9
-16.81		6165	-30147.1	-53118.4	-7638.9	-27838.7	-55426.7

		NODE	Vxx	Vyy
Max	Cent		28.4	33.6
	6161		47.4	57.7
	6160		18.5	12.9
	6164		43.9	8.2
	6165		32.0	54.7
Min	Cent		-21.3	-184.8
	6161		-10.9	-273.4
	6160		-4.4	-87.5
	6164		-40.0	-90.1
	6165		-49.9	-279.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
1.27	pp	Cent	-173.7	-5270.6	112.7	-171.2	-5273.1
2.30		6161	51.2	-5989.9	242.6	60.9	-5999.6
-0.37		6160	180.6	-4479.6	-30.2	180.8	-4479.8
-0.58		6164	-481.6	-4424.7	-40.1	-481.2	-4425.1
2.58		6165	-454.2	-6044.8	252.5	-442.8	-6056.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

49.88	Cent	-60039.0	6042.1	191923.0	167747.8	-221744.7
31.35	6161	-70028.6	-308519.7	231114.9	70790.5	-449338.8
40.27	6160	-12038.0	-69809.2	173233.3	134701.4	-216548.6
61.73	6164	-126598.5	67106.4	146519.5	145891.0	-205383.0
66.89	6165	-27957.7	324392.4	183817.0	402827.5	-106392.8

NODE	Vxx	Vyy
Cent	31.0	-515.7
6161	127.9	-750.2
6160	47.8	-237.3
6164	13.6	-246.4
6165	-68.0	-781.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-39.50	vento -y	Cent	68.3	37.4	-79.6	134.0	-28.3
-55.70		6161	33.7	105.8	-92.0	168.6	-29.0
-33.69		6160	17.1	-37.9	-66.0	61.1	-81.9
-19.68		6164	115.5	-43.2	-65.1	138.8	-66.4
-45.37		6165	108.6	111.1	-92.9	202.8	16.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-44.86	Cent	1185.8	1166.3	-2032.5	3208.6	-856.4
-59.39	6161	1146.9	3426.5	-2075.4	4654.4	-81.0
-44.15	6160	803.2	710.9	-1561.7	2319.5	-805.3
-39.71	6164	1326.6	552.6	-2071.3	3046.8	-1167.5
-36.06	6165	1394.8	-39.1	-2221.5	3012.1	-1656.5

NODE	Vxx	Vyy
Cent	-0.0	2.1
6161	-1.1	4.0
6160	-0.5	-0.2
6164	0.4	0.0
6165	1.1	4.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-35.84	cedime~1	Cent	251.1	61.0	-287.1	458.4	-146.4
-52.34		6161	123.3	296.0	-329.5	550.3	-131.0
-30.76		6160	63.5	-197.4	-240.4	206.6	-340.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-18.26	6164	425.0	-215.4	-237.2	503.3	-293.7
-41.38	6165	398.5	313.9	-332.8	691.7	20.8

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-82.82	Cent	48.1	3374.8	-425.8	3428.4	-5.6
32.99	6161	1129.0	-161.9	1448.5	2069.3	-1102.2
4.73	6160	1102.8	-551.0	137.7	1114.2	-562.3
-69.38	6164	-4238.7	2290.6	-2862.0	3367.5	-5315.6
-82.81	6165	2090.8	11442.3	-1198.3	11593.4	1939.7

	NODE	Vxx	Vyy
	Cent	3.5	-10.9
	6161	3.0	-14.4
	6160	1.9	-7.4
	6164	5.2	-6.7
	6165	4.0	-14.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-1.30	perm	Cent	8.0	-1228.8	-28.1	8.6	-1229.4
-0.23		6161	34.8	-1353.2	-5.6	34.9	-1353.2
-2.63		6160	53.3	-1092.0	-52.8	55.8	-1094.4
-2.96		6164	-29.0	-1082.5	-54.5	-26.2	-1085.3
-0.17		6165	-28.2	-1362.7	-3.9	-28.2	-1362.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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49.94	Cent	-18996.2	-100.6	54265.1	45533.0	-64629.8
31.41	6161	-20436.6	-87501.0	65301.6	19439.0	-127376.7
40.69	6160	-4529.4	-19125.7	48198.0	36919.9	-60575.0
61.65	6164	-38400.9	16311.6	41641.1	38778.5	-60867.8
66.55	6165	-11572.9	86941.7	52637.7	109774.7	-34405.9

	NODE	Vxx	Vyy
	Cent	8.8	-140.6
	6161	36.7	-207.0
	6160	14.1	-61.6
	6164	3.3	-64.4
	6165	-19.8	-216.0

LC

	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	INV TO~1	Max	Cent					
2.24				519.8	-996.0	346.3	522.1	-998.3
19.01			6161	320.6	-718.0	473.5	360.4	-737.6
-1.23			6160	260.9	-1050.4	207.9	261.6	-1084.1
-1.07			6164	817.7	-1044.2	198.4	818.4	-1071.1
5.84			6165	761.1	-694.8	483.3	776.5	-710.2
-5.45		Min	Cent	-333.4	-3941.2	-634.5	-300.2	-3983.4
-4.51			6161	-92.0	-4641.4	-691.0	-63.5	-4669.9
-5.73			6160	3.7	-3475.0	-572.9	37.1	-3565.4
-7.49			6164	-750.1	-3448.7	-569.5	-706.4	-3549.3
-5.10			6165	-666.8	-4695.1	-695.3	-634.4	-4727.5

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
49.54		Max	Cent	-10487.7	36403.9	147243.4	161635.9	-90462.1
40.05			6161	-11764.0	-74251.4	179496.3	139120.5	-224243.8
43.34			6160	7410.8	-7386.5	132538.1	132496.8	-84000.1
54.32			6164	-12923.9	65157.7	112310.8	143503.4	-92934.9
67.03			6165	26436.1	299131.3	142068.1	358832.1	-33264.7
51.46		Min	Cent	-51844.5	-28596.3	50225.2	11747.3	-137599.1
16.49			6161	-54685.6	-236881.3	59059.3	-37203.3	-255051.4
32.90			6160	-17561.5	-56751.3	42976.5	10238.2	-133116.7
73.60			6164	-112974.3	-3180.2	31153.5	6831.7	-121051.3
64.29			6165	-52271.4	15231.8	41126.8	35615.1	-72654.7

		NODE	Vxx	Vyy
	Max	Cent	56.9	-95.2
		6161	105.1	-129.1
		6160	41.8	-44.1
		6164	76.0	-50.5
		6165	35.5	-142.1
	Min	Cent	-26.7	-407.9
		6161	16.9	-603.7
		6160	4.4	-191.5
		6164	-59.7	-197.4
		6165	-94.3	-620.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
2.24		INV TO~2	Max	Cent	519.8	-996.0	346.3	522.1	-998.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

19.01		6161	320.6	-718.0	473.5	360.4	-737.6
-1.23		6160	260.9	-1050.4	207.9	261.6	-1084.1
-1.07		6164	817.7	-1044.2	198.4	818.4	-1071.1
5.84		6165	761.1	-694.8	483.3	776.5	-710.2
-5.45	Min	Cent	-333.4	-7115.3	-634.5	-300.2	-7118.7
-4.51		6161	-92.0	-8086.3	-691.0	-63.5	-8099.5
-5.73		6160	3.7	-6047.5	-572.9	37.1	-6047.8
-7.49		6164	-750.1	-5973.3	-569.5	-706.4	-5973.9
-5.10		6165	-666.8	-8160.5	-695.3	-634.4	-8175.9

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

49.88	Max	Cent	-10487.7	36403.9	259096.0	226459.6	-90462.1
40.05		6161	-11764.0	-74251.4	312005.2	139120.5	-224243.8
40.27		6160	7410.8	-7386.5	233864.9	181846.9	-84000.1
61.73		6164	-12923.9	90593.7	197801.3	196952.9	-92934.9
66.89		6165	26436.1	437929.7	248153.0	543817.2	-33264.7
51.46	Min	Cent	-81052.7	-28596.3	50225.2	11747.3	-299355.4
16.49		6161	-94538.7	-416501.6	59059.3	-37203.3	-606607.4
32.90		6160	-17561.5	-94242.5	42976.5	10238.2	-292340.6
73.60		6164	-170907.9	-3180.2	31153.5	6831.7	-277267.1
64.29		6165	-52271.4	15231.8	41126.8	35615.1	-143630.3

		NODE	Vxx	Vyy
Max	Cent		56.9	-95.2
	6161		172.6	-129.1
	6160		64.6	-44.1
	6164		76.0	-50.5
	6165		35.5	-142.1
Min	Cent		-26.7	-696.2
	6161		16.9	-1012.7
	6160		4.4	-320.4
	6164		-59.7	-332.6
	6165		-94.3	-1054.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6366	1	5	c mob-a	Max	Cent	45.0	25.7	71.8	107.8	-37.1
41.17					6160	13.3	28.7	73.7	95.1	-53.1
47.98					2206	13.5	30.5	70.0	92.5	-48.5
48.47					2713	107.6	30.1	70.1	148.9	-11.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

30.53			6164	107.3	27.7	73.5	151.1	-16.1
30.79								
-26.41	Min	Cent		-142.7	-1443.0	-857.4	283.2	-1868.9
-23.60			6160	-52.6	-1627.2	-850.1	318.8	-1998.6
-26.76			2206	-52.5	-1331.1	-864.7	383.6	-1767.2
-28.88			2713	-248.5	-1338.3	-864.3	228.3	-1815.1
-25.62			6164	-248.6	-1614.4	-850.6	159.3	-2022.3

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	28231.1	12579.3	52898.1	73879.0	-33068.7
40.79			6160	9137.7	8436.2	54064.4	62852.5	-45278.6
44.81			2206	62853.5	38410.8	46419.8	98633.8	2630.4
37.62			2713	36146.9	14614.6	46987.9	73586.3	-22824.8
38.55			6164	17220.3	24957.5	53242.0	74471.3	-32293.5
47.08								
-23.19	Min	Cent		-16086.4	-21472.3	-2825.5	-14876.1	-22682.7
-6.49			6160	-12036.3	-43496.1	-3625.9	-11623.8	-43908.6
-73.95			2206	-17202.5	-10161.7	-2209.2	-9525.9	-17838.3
-4.86			2713	-30060.9	-55529.9	-2181.2	-29875.5	-55715.3
-30.83			6164	-13439.6	-17208.9	-3493.3	-11355.0	-19293.5

			NODE	Vxx	Vyy
		Max	Cent	25.7	25.8
			6160	19.9	10.5
			2206	19.9	127.3
			2713	31.4	127.3
			6164	31.4	10.5
		Min	Cent	-68.5	-11.5
			6160	-88.9	-88.1
			2206	-88.9	-8.0
			2713	-52.5	-8.0
			6164	-52.5	-84.6

ANGLE

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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			c mob-b	Max	Cent	38.9	18.8	63.4	93.0	-35.3
40.50					6160	9.0	19.5	65.2	79.7	-51.1
47.31					2206	9.1	22.6	61.6	77.8	-46.1
48.12					2713	100.9	22.1	61.7	134.7	-11.7
28.72					6164	100.7	19.5	65.1	136.8	-16.6
29.02										
-26.84	Min	Cent			-100.5	-1350.6	-850.5	329.9	-1781.0	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-24.10		6160	-52.4	-1560.2	-843.3	324.9	-1937.4
-28.55		2206	-52.0	-1161.7	-857.6	414.6	-1628.3
-30.00		2713	-183.2	-1172.8	-857.2	311.7	-1667.7
-25.53		6164	-183.5	-1546.6	-843.7	219.6	-1949.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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42.63	Max	Cent	20490.2	11949.9	51475.9	67872.8	-35432.6
45.47		6160	6103.8	7833.6	52771.6	59747.4	-45810.0
37.90		2206	58916.0	36250.4	44778.2	93773.2	1393.1
41.44		2713	24455.3	13125.6	45342.5	64485.5	-26904.6
48.45		6164	12134.5	24695.2	51956.2	70749.3	-33919.6
-11.23	Min	Cent	-8822.0	-20309.5	-2373.9	-8350.8	-20780.7
-5.25		6160	-8524.6	-42105.6	-3112.4	-8238.6	-42391.6
-50.77		2206	-9211.2	-8470.2	-1814.7	-6988.6	-10692.8
-3.18		2713	-21321.5	-53466.4	-1789.5	-21222.1	-53565.8
-23.00		6164	-11350.9	-17020.4	-2935.5	-10104.8	-18266.5

		NODE	Vxx	Vyy
Max	Cent		19.8	28.6
	6160		15.4	10.5
	2206		15.4	122.7
	2713		24.1	122.7
	6164		24.1	10.3
Min	Cent		-63.3	-11.8
	6160		-84.1	-84.8
	2206		-84.1	-7.4
	2713		-44.0	-7.4
	6164		-44.0	-81.4

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-25.14	pp	Cent	-201.4	-3851.5	-2196.4	829.2	-4882.1
-22.37		6160	-95.8	-4489.4	-2176.7	799.9	-5385.1
-27.43		2206	-94.6	-3213.5	-2216.1	1055.7	-4363.8
-28.17		2713	-304.7	-3254.9	-2214.8	881.2	-4440.9
-23.22		6164	-305.8	-4448.0	-2177.9	628.5	-5382.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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38.23		Cent	32666.5	-38191.2	147022.0	148468.1	-153992.8
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

35.69	6160	-17754.1	-118877.2	150086.2	90058.4	-226689.7
39.14	2206	150794.1	97633.6	128025.8	254969.8	-6542.1
29.37	2713	4819.4	-152576.6	129660.1	77795.8	-225552.9
47.35	6164	-4744.1	19549.8	147856.7	155757.7	-140952.0

NODE	Vxx	Vyy
Cent	-148.1	63.6
6160	-224.3	-229.9
2206	-224.3	352.4
2713	-73.5	352.4
6164	-73.5	-220.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-40.50	vento -y	Cent	12.7	-17.8	-96.3	95.0	-100.1
-41.60		6160	-14.3	-37.2	-95.8	70.7	-122.2
-47.33		2206	-14.3	1.5	-96.9	90.9	-103.6
-39.33		2713	39.2	0.3	-96.9	118.6	-79.1
-34.31		6164	39.1	-35.9	-95.8	104.5	-101.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-50.31	Cent	663.8	1255.5	-1578.4	2565.6	-646.2
-50.81	6160	474.5	1074.6	-1458.3	2263.4	-714.3
-33.32	2206	955.0	-460.1	-1639.0	2032.6	-1537.7
-63.81	2713	661.3	3130.5	-1601.9	3918.4	-126.6
-52.07	6164	581.9	1299.8	-1424.7	2410.1	-528.4

NODE	Vxx	Vyy
Cent	-0.5	-3.1
6160	-1.4	-0.4
2206	-1.4	-5.8
2713	0.5	-5.8
6164	0.5	-0.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-38.17	cedime~1	Cent	65.1	-116.5	-373.8	359.0	-410.4
-38.86		6160	-27.9	-189.8	-371.6	271.4	-489.1
-44.41		2206	-27.8	-43.2	-376.1	340.7	-411.7
-37.41		2713	156.1	-48.0	-375.9	443.6	-335.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		6164	156.0	-185.0	-371.7	394.5	-423.5
-32.68							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	-859.2	1798.9	-1006.5	2137.0	-1197.3
-71.43		6160	-928.1	-848.4	-102.1	-778.6	-997.9
-55.66		2206	3551.7	-727.7	-2202.1	4482.4	-1658.4
-22.91		2713	-3905.1	5254.4	-1937.6	5647.4	-4298.1
-78.53		6164	-1975.6	3568.8	-5.2	3568.8	-1975.6
-89.95							
		NODE	Vxx	Vyy			

		Cent	-2.0	-9.7			
		6160	-8.0	-7.8			
		2206	-8.0	-11.9			
		2713	3.8	-11.9			
		6164	3.8	-7.1			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	perm	Cent	-34.3	-932.5	-587.2	255.9	-1222.7
-26.29		6160	-29.4	-1092.8	-582.2	227.4	-1349.6
-23.80		2206	-29.1	-772.3	-592.1	298.4	-1099.8
-28.94		2713	-39.0	-782.7	-591.8	288.1	-1109.8
-28.93		6164	-39.3	-1082.4	-582.6	221.1	-1342.7
-24.08							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	5943.4	-12097.2	41141.7	39042.1	-45195.9
38.82		6160	-5716.6	-32594.0	42230.1	25161.5	-63472.1
36.17		2206	37542.7	25933.3	35819.1	68024.3	-4548.4
40.40		2713	-3062.6	-44881.2	36183.0	17818.2	-65762.0
29.99		6164	-4322.7	2740.1	41548.1	40906.6	-42489.3
47.43							
		NODE	Vxx	Vyy			

		Cent	-37.1	20.9			
		6160	-56.5	-59.3			
		2206	-56.5	100.0			
		2713	-18.0	100.0			
		6164	-18.0	-56.9			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-28.10      INV TO~1  Max   Cent      91.7    -897.8   -490.2    969.7   -1109.4
-25.72                                6160    -11.5   -1054.0   -482.8    883.8   -1243.2
-29.91                                2206    -11.0   -731.2   -497.7   1100.6   -985.3
-30.23                                2713    262.4   -742.1   -497.2   1025.5   -971.5
-26.24                                6164    261.6   -1044.9  -483.3    817.8   -1221.0
-23.34      Min   Cent    -226.8  -2997.1  -2118.5    238.1   -4128.5
-21.40                                6160   -128.4  -3479.2  -2101.5    177.8   -4491.4
-27.06                                2206   -127.7  -2612.5  -2135.6    243.2   -3840.8
-24.77                                2713   -374.5  -2637.3  -2134.5    335.6   -3881.2
-20.02                                6164   -374.9  -3446.8  -2102.6    281.7   -4483.4

```

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                                NODE      Mxx      Myy      Mxy      Mmax      Mmin
ANGLE
-----
40.06      Max   Cent    44055.3  6683.7  112554.2  138715.6  -66005.2
41.56                                6160    6619.3  -21205.1  115217.1  108761.1  -107592.6
38.62                                2206   125946.7  77787.8   98485.8   201071.1   2165.4
35.21                                2713   45735.7  -19897.1   99616.7   116026.4  -91472.4
47.90                                6164   18924.8   40001.6  113424.9  142479.2  -57700.8
36.34      Min   Cent   -16632.5  -41084.8  36320.8   10086.7  -89775.4
23.54                                6160  -22893.7  -92162.1  37233.0   -6676.9  -124129.0
42.03                                2206   14319.3   11487.4   30634.6   45479.7  -19586.4
21.52                                2713  -47549.9  -119846.5  31300.9  -35208.1  -132307.2
45.77                                6164  -24441.8  -20491.9   36827.0   15366.3  -86083.4

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                                NODE      Vxx      Vyy
-----
Max   Cent      -2.4      59.5
      6160     -29.7     -45.1
      2206     -29.7     271.9
      2713      28.2     271.9
Min   6164      28.2     -42.8
      Cent   -131.6     -4.6
      6160   -184.5    -186.0
      2206   -184.5      77.2
      2713   -88.8      77.2
      6164   -88.8    -178.2

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                                LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
ANGLE
-----
-25.14      INV TO~2  Max   Cent      91.7    -897.8   -490.2    1119.4   -1109.4
-22.37                                6160   -11.5   -1054.0   -482.8    1079.9   -1243.2

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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

43.07								
	Min	Cent	-372.6	-1201.5	-21.5	-372.0	-1202.1	
-1.49			2712	-167.9	-1354.1	-19.2	-167.6	-1354.4
-0.93			6162	-167.3	-1303.2	-24.5	-166.8	-1303.7
-1.24			6166	-580.5	-1292.1	-24.4	-579.7	-1292.9
-1.96			3231	-581.1	-1339.7	-19.3	-580.6	-1340.2
-1.46								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	28661.8	68332.3	5655.5	69122.8	27871.3
82.04			2712	50250.9	69404.4	3585.7	70053.7
79.74			6162	20234.7	48362.6	3194.4	48720.9
83.60			6166	8883.8	86629.6	9976.7	87889.5
82.80			3231	45712.6	92184.5	8913.3	93835.4
79.51	Min	Cent	-25208.9	-24286.6	-36406.3	11661.5	-61157.0
-45.36			2712	-37796.3	-18356.4	-26497.3	147.5
-55.07			6162	-16672.2	-23009.2	-39312.4	19599.2
-42.70			6166	-28498.4	-29891.7	-45096.7	15907.0
-44.56			3231	-43455.3	-43219.9	-33923.1	-9414.3
-45.10							

		NODE	Vxx	Vyy
Max	Cent		55.0	21.7
		2712	47.0	41.6
		6162	47.0	13.2
		6166	62.9	13.1
		3231	62.9	41.6
Min	Cent		-42.3	-56.3
		2712	-35.1	-50.5
		6162	-35.1	-73.7
		6166	-50.4	-74.0
		3231	-50.4	-50.5

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								
	c mob-b	Max	Cent	198.8	11.5	1014.0	1123.4	-913.1
42.36			2712	215.7	43.0	1017.7	1150.7	-892.0
42.58			6162	215.5	111.1	1010.3	1174.9	-848.3
43.52			6166	195.9	94.6	1010.5	1157.0	-866.5
43.56			3231	196.3	38.5	1017.5	1137.9	-903.1
42.78		Min	Cent	-308.3	-1117.2	-29.4	-307.3	-1118.2
-2.08			2712	-148.1	-1176.9	-25.9	-147.5	-1177.6
-1.44								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-1.63	6162	-147.7	-1305.1	-32.9	-146.8	-1306.0
-2.29	6166	-473.3	-1289.3	-32.7	-472.0	-1290.6
-2.14	3231	-473.8	-1170.5	-26.1	-472.8	-1171.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
84.35	Max Cent	17619.7	65579.6	4795.7	66054.5	17144.8
82.50	2712	39977.2	67145.0	3637.9	67623.7	39498.5
86.37	6162	11877.8	44922.9	2102.6	45056.2	11744.6
83.07	6166	6367.2	85351.5	9742.9	86535.6	5183.2
80.51	3231	27681.3	78111.5	8677.0	79562.7	26230.1
-46.89	Min Cent	-27564.7	-22888.2	-35345.4	10196.2	-60649.1
-57.57	2712	-41660.9	-17277.3	-25990.6	-761.1	-58177.2
-43.90	6162	-18462.3	-21367.6	-37861.7	17974.6	-57804.5
-44.64	6166	-25104.4	-26208.8	-43351.8	17698.7	-69011.9
-48.11	3231	-48144.1	-40992.0	-32805.2	-11568.5	-77567.6

	NODE	Vxx	Vyy
Max	Cent	43.0	20.3
	2712	39.4	41.6
	6162	39.4	10.4
	6166	46.3	10.3
Min	3231	46.3	41.6
	Cent	-47.2	-50.2
	2712	-38.0	-40.7
	6162	-38.0	-71.1
	6166	-56.6	-71.3
	3231	-56.6	-40.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
29.39	pp	Cent	372.7	-3311.3	3039.4	2084.7	-5023.3
30.44		2712	471.6	-2927.1	3051.3	2264.8	-4720.3
27.73		6162	470.9	-3695.5	3027.5	2062.7	-5287.3
28.45		6166	275.8	-3672.1	3028.3	1916.7	-5313.0
31.06		3231	276.5	-2950.5	3050.5	2114.0	-4788.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-66.88	Cent	-3916.3	174262.2	-93042.1	213989.6	-43643.8
-67.67	2712	50960.0	185748.3	-66620.6	213118.5	23589.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-56.68		6162	5492.1	92176.1	-100318.2	158114.8	-60446.6
-69.17		6166	-53747.7	203111.4	-114234.4	246564.5	-97200.8
-71.75		3231	-15471.2	216163.9	-85717.1	244433.5	-43740.9

NODE	Vxx	Vyy
Cent	50.5	-132.0
2712	44.8	-69.7
6162	44.8	-194.0
6166	56.1	-194.7
3231	56.1	-69.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-61.98	vento -y	Cent	-33.9	29.2	-46.9	54.1	-58.8
-64.99		2712	-44.0	34.3	-46.7	56.1	-65.8
-62.95		6162	-44.0	24.0	-47.0	48.1	-68.0
-58.62		6166	-24.0	24.4	-47.0	53.0	-52.7
-60.92		3231	-24.0	34.0	-46.7	60.0	-50.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-30.87	Cent	-108.2	-1469.1	-1265.4	648.1	-2225.4
-49.06	2712	-105.5	291.5	-1392.5	1499.6	-1313.6
-31.41	6162	-576.7	-1677.0	-1071.7	77.8	-2331.5
-27.56	6166	302.9	-1087.1	-997.1	823.3	-1607.5
-18.97	3231	-70.2	-3428.7	-1309.3	379.9	-3878.8

NODE	Vxx	Vyy
Cent	0.1	2.6
2712	0.1	5.9
6162	0.1	-0.7
6166	0.1	-0.7
3231	0.1	5.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
68.08	cedime~1	Cent	-302.8	-133.9	81.1	-101.3	-335.4
31.09		2712	-211.3	-291.8	76.2	-165.4	-337.8
71.90		6162	-211.0	23.9	86.0	52.0	-239.1
78.58		6166	-392.4	14.3	85.7	31.6	-409.7
62.91		3231	-392.7	-282.2	76.5	-243.0	-431.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-39.14		Cent	612.1	-2920.9	-8515.0	7541.9	-9850.7
-55.68		2712	-387.5	7333.0	-9870.1	14070.9	-7125.4
-41.62		6162	-2841.2	-4582.2	-7343.8	3683.5	-11106.9
-37.41		6166	5162.2	1831.9	-6133.3	9852.4	-2858.3
-22.83		3231	404.6	-16437.8	-8615.3	4030.9	-20064.0

NODE	Vxx	Vyy
Cent	-0.8	15.1
2712	0.1	38.2
6162	0.1	-8.0
6166	-1.7	-7.9
3231	-1.7	38.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
29.91	perm	Cent	50.7	-901.4	818.3	521.3	-1372.1
30.62		2712	82.3	-818.5	820.9	568.3	-1304.4
28.41		6162	82.2	-984.4	815.8	523.5	-1425.7
29.26		6166	19.6	-979.3	815.9	476.8	-1436.5
31.40		3231	19.8	-823.6	820.7	520.8	-1324.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-67.66		Cent	1446.4	47577.6	-22813.4	56953.8	-7929.8
-67.97		2712	15145.1	48708.0	-16244.4	55282.4	8570.7
-57.38		6162	3452.9	26280.2	-24736.5	42109.3	-12376.1
-69.93		6166	-11011.6	55660.5	-28106.3	65927.9	-21279.0
-72.71		3231	-1054.0	59712.9	-20949.7	66235.3	-7576.4

NODE	Vxx	Vyy
Cent	13.2	-36.9
2712	12.1	-22.7
6162	12.1	-51.1
6166	14.4	-51.2
3231	14.4	-22.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	349.4	-879.7	2323.7	2060.1	-2590.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

37.34			2712	427.2	-741.4	2325.7	2167.0	-2481.2
37.72			6162	426.8	-768.4	2321.8	2134.7	-2500.2
37.37			6166	284.1	-797.2	2321.9	2038.7	-2566.0
38.12			3231	284.8	-754.8	2325.6	2073.3	-2543.3
38.49		Min	Cent	-755.1	-2657.4	778.7	-424.1	-2988.4
21.06			2712	-355.6	-2938.4	785.9	-94.3	-3199.7
16.86			6162	-354.8	-2746.2	771.3	-76.9	-3000.1
17.96			6166	-1156.4	-2723.7	771.8	-776.1	-3089.6
23.92			3231	-1157.3	-2914.4	785.5	-805.0	-3266.7
22.23								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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			Max	Cent	40752.1	139826.2	-15178.5	142426.6	37880.1
-76.88				2712	82983.9	149736.9	-11333.3	155872.4	80895.7
-73.86				6162	30769.7	91569.8	-20424.0	97992.5	24546.0
-68.38				6166	6143.7	174442.4	-14637.7	176968.0	3618.1
-83.07				3231	61062.7	184162.0	-8916.6	184802.4	60017.6
-85.89		Min	Cent	-35765.9	11869.8	-80476.9	65785.0	-95483.1	
-54.68				2712	-41484.7	23926.9	-61885.9	52755.5	-76895.4
-61.00				6162	-24312.4	-9364.4	-85152.0	65127.7	-102317.8
-48.06				6166	-49484.5	15306.8	-95120.1	77611.4	-113552.8
-55.00				3231	-66048.5	-15071.7	-75361.1	39132.4	-119847.9
-54.27									

			NODE	Vxx	Vyy
	Max	Cent		87.4	7.4
		2712		75.7	71.7
		6162		75.7	-33.2
		6166		99.3	-33.5
		3231		99.3	71.7
	Min	Cent		-51.3	-113.0
		2712		-39.3	-90.9
		6162		-39.3	-158.5
		6166		-63.7	-159.0
		3231		-63.7	-90.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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			INV TO~2	Max	Cent	503.1	-879.7	4103.2	2814.3	-2590.5
29.39					2712	636.6	-741.4	4119.2	3057.5	-2481.2
30.44					6162	635.7	-768.4	4087.2	2784.6	-2500.2
27.73										

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

28.45			6166	372.4	-797.2	4088.2	2587.5	-2566.0
31.06			3231	373.3	-754.8	4118.2	2853.9	-2543.3
21.06	Min	Cent		-755.1	-4470.3	778.7	-424.1	-6781.5
16.86			2712	-355.6	-3951.6	785.9	-94.3	-6372.4
17.96			6162	-354.8	-4988.9	771.3	-76.9	-7137.9
23.92			6166	-1156.4	-4957.3	771.8	-776.1	-7172.5
22.23			3231	-1157.3	-3983.2	785.5	-805.0	-6463.7

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-66.88	Max	Cent		40752.1	235254.0	-15178.5	288886.0	37880.1
-67.67			2712	82983.9	250760.2	-11333.3	287710.0	80895.7
-56.68			6162	30769.7	124437.7	-20424.0	213455.0	24546.0
-69.17			6166	6143.7	274200.4	-14637.7	332862.1	3618.1
-71.75			3231	61062.7	291821.2	-8916.6	329985.2	60017.6
-54.68	Min	Cent		-35765.9	11869.8	-125606.9	65785.0	-95483.1
-61.00			2712	-41484.7	23926.9	-89937.9	52755.5	-76895.4
-48.06			6162	-24312.4	-9364.4	-135429.6	65127.7	-102317.8
-55.00			6166	-72559.3	15306.8	-154216.5	77611.4	-131221.1
-54.27			3231	-66048.5	-15071.7	-115718.0	39132.4	-119847.9

NODE Vxx Vyy

Max	Cent	87.4	7.4
	2712	75.7	71.7
	6162	75.7	-33.2
	6166	99.3	-33.5
	3231	99.3	71.7
Min	Cent	-51.3	-178.2
	2712	-39.3	-94.1
	6162	-39.3	-261.9
	6166	-63.7	-262.9
	3231	-63.7	-94.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6368	1	5	c mob-a	Max	Cent	668.2	194.7	331.1	838.5	24.4
27.22					6162	891.1	139.7	257.9	971.1	59.7
17.24					6163	1013.2	274.2	413.8	1198.5	89.0
24.12					6167	352.1	294.2	427.0	751.1	-104.8
43.06					6166	406.0	131.0	236.9	542.4	-5.4
29.94				Min	Cent	-313.8	-1048.3	-99.4	-300.6	-1061.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-7.57			6162	-303.5	-1330.1	-88.8	-295.9	-1337.8
-4.91			6163	-299.8	-779.0	-115.8	-273.3	-805.5
-12.90			6167	-364.6	-749.0	-118.5	-331.0	-782.6
-15.82			6166	-351.5	-1392.2	-86.9	-344.3	-1399.4
-4.74								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	13699.2	65826.1	16663.2	70697.5	8827.8
73.70			6162	21147.7	43870.4	14417.1	50864.8	14153.4
64.12			6163	21365.4	41472.4	14420.9	48998.3	13839.6
62.44			6167	16182.0	81136.0	18379.6	85976.1	11341.9
75.25			6166	35222.2	99361.5	20944.6	105595.1	28988.6
73.43		Min	Cent	-27761.7	-24894.8	-30713.1	4418.3	-57074.7
-46.34			6162	-48730.6	-17266.6	-29911.5	797.8	-66794.9
-58.87			6163	-35568.1	-25705.3	-21383.9	-8691.6	-52581.8
-51.49			6167	-32588.4	-36783.9	-33175.3	-1444.5	-67927.7
-43.19			6166	-23870.5	-26103.2	-40924.5	15952.8	-65926.5
-44.22								

			NODE	Vxx	Vyy
	Max	Cent		50.5	16.5
		6162		48.2	9.3
		6163		43.8	31.4
		6167		72.9	31.2
		6166		69.4	11.8
	Min	Cent		-46.8	-84.0
		6162		-67.2	-68.0
		6163		-61.2	-93.5
		6167		-48.7	-97.2
		6166		-43.4	-83.9

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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		c mob-b	Max	Cent	569.0	154.9	300.7	727.1	-3.1
27.73				6162	753.5	109.7	235.4	830.4	32.8
18.09				6163	856.8	211.8	372.1	1026.7	41.8
24.54				6167	321.6	225.7	384.2	660.9	-113.6
41.44				6166	361.5	102.2	219.9	487.2	-23.4
29.74			Min	Cent	-262.8	-1061.0	-89.5	-252.8	-1070.9
-6.32				6162	-263.2	-1298.0	-81.6	-256.8	-1304.4
-4.48				6163	-268.9	-811.5	-98.5	-251.6	-828.8
-9.98									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-11.53		6167	-307.7	-776.9	-99.9	-287.3	-797.3
-4.29		6166	-296.4	-1359.7	-80.1	-290.4	-1365.7

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Max	Cent	6835.5	64232.8	16321.1	68549.1	2519.2
75.19			6162	15050.8	41540.3	14381.8	47847.0	8744.1
66.32			6163	20260.7	39250.7	13490.6	46252.7	13258.7
62.57			6167	13431.5	80061.7	18123.8	84672.4	8820.8
75.73			6166	23734.0	96357.4	21314.8	102151.0	17940.4
74.79		Min	Cent	-25710.4	-22035.3	-28607.3	4793.4	-52539.0
-46.84			6162	-46810.7	-16017.8	-28154.2	674.8	-63503.4
-59.34			6163	-32178.0	-24330.6	-19741.9	-8126.3	-48382.3
-50.62			6167	-28345.8	-33525.4	-30431.5	-394.1	-61477.2
-42.57			6166	-25575.1	-22589.9	-38435.1	14381.5	-62546.6
-46.11								

			NODE	Vxx	Vyy		
		Max	Cent	41.7	13.7		
			6162	43.2	5.1		
			6163	40.0	24.7		
			6167	60.4	25.0		
			6166	58.7	8.2		
		Min	Cent	-48.5	-80.7		
			6162	-68.5	-65.7		
			6163	-62.4	-92.1		
			6167	-51.1	-95.3		
			6166	-45.7	-80.9		

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

		pp	Cent	1321.4	-2629.8	810.4	1481.1	-2789.6
11.15			6162	1719.8	-3771.2	626.5	1790.4	-3841.7
6.43			6163	1959.5	-1342.2	1017.9	2248.1	-1630.8
15.83			6167	727.9	-1136.1	1051.1	1200.6	-1608.9
24.22			6166	830.7	-3977.2	593.3	902.9	-4049.4
6.93								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

			Cent	-43829.8	145627.8	-52773.1	159335.8	-57537.8
-75.44			6162	-98959.7	101857.6	-56136.2	116484.5	-113586.5
-75.40			6163	-57920.6	49590.4	-30470.5	57625.7	-65955.9
-75.23								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-76.22	6167	-54194.1	160538.2	-56043.6	174285.1	-67941.0
-73.14	6166	33973.2	263522.8	-76584.6	286727.9	10768.1

NODE	Vxx	Vyy
Cent	22.7	-216.7
6162	-64.5	-178.7
6163	-58.5	-230.2
6167	109.1	-241.6
6166	113.8	-221.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-111.7	-25.6	-24.1	-19.3	-117.9
-75.38		6162	-154.6	24.7	-16.0	26.2	-156.0
-84.95		6163	-175.6	-82.4	-33.2	-71.8	-186.3
-72.25		6167	-48.0	-91.5	-34.7	-28.8	-110.7
-28.96		6166	-63.0	33.8	-14.5	36.0	-65.2
-81.67							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	-1060.6	-899.6	-1526.8	548.8	-2509.0
-46.51	6162	-1147.6	-1080.1	-1598.4	484.8	-2712.6
-45.60	6163	-1633.4	-1627.5	-1364.5	-265.9	-2995.0
-45.06	6167	-578.9	-310.7	-1410.2	971.8	-1861.4
-47.72	6166	-861.8	-607.9	-1620.3	890.4	-2360.1
-47.24						

NODE	Vxx	Vyy
Cent	0.1	-1.5
6162	0.6	-0.8
6163	0.8	-2.6
6167	-0.7	-2.4
6166	-0.4	-0.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	cedime~1	Cent	-459.8	-67.1	13.2	-66.7	-460.2
88.08		6162	-540.2	22.2	27.6	23.5	-541.5
87.20		6163	-579.2	-167.8	-3.1	-167.8	-579.3
-89.58		6167	-340.7	-184.0	-5.6	-183.8	-340.9
-87.94		6166	-369.0	38.3	30.2	40.5	-371.3
85.79							

NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

-53.38	Cent	-3216.7	1080.2	-7137.0	6385.1	-8521.5	
-54.87	6162	-7577.7	-1841.5	-7993.0	3782.4	-13201.6	
-47.31	6163	-5321.5	-4403.2	-5689.9	846.1	-10570.7	
-54.41	6167	1660.8	5891.2	-6207.9	10334.3	-2782.4	
-54.81	6166	-1495.8	4304.7	-8134.2	10040.3	-7231.4	

NODE Vxx Vyy

Cent	-4.8	-12.6
6162	-4.5	-6.5
6163	-2.6	-19.7
6167	-7.0	-19.3
6166	-5.0	-6.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
11.66	perm	Cent	259.5	-727.7	212.7	303.3	-771.6
7.04		6162	336.2	-1004.1	168.2	357.0	-1024.8
16.62		6163	386.2	-415.9	262.9	464.7	-494.4
23.34		6167	144.8	-366.0	271.0	261.8	-483.0
7.38		6166	161.6	-1054.0	160.1	182.4	-1074.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-77.35	Cent	-7710.5	39872.2	-11247.6	42396.9	-10235.2
-77.07	6162	-23321.3	27804.1	-12387.3	30647.3	-26164.5
-78.86	6163	-10783.9	15742.4	-5435.5	16812.9	-11854.5
-78.05	6167	-9878.9	43737.7	-11879.9	46252.0	-12393.2
-74.36	6166	12705.9	70438.5	-17541.7	75350.5	7793.9

NODE Vxx Vyy

Cent	4.4	-55.6
6162	-19.3	-46.6
6163	-18.1	-57.8
6167	28.3	-61.0
6166	29.1	-58.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
19.52	INV TO~1 Max	Cent	1161.6	-464.9	672.9	1395.5	-698.9
		6162	1539.2	-793.3	543.9	1647.5	-923.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.84			6163	1754.0	-45.7	821.5	2072.6	-364.3
21.20			6167	620.2	31.2	847.4	1222.8	-571.4
35.42			6166	709.7	-838.8	510.1	843.6	-1011.0
15.59		Min	Cent	-623.9	-2227.2	78.5	-618.7	-2232.4
3.26			6162	-613.7	-2799.8	48.3	-611.0	-2800.6
2.00			6163	-597.8	-1679.3	103.5	-588.0	-1689.1
5.42			6167	-688.1	-1598.9	105.4	-676.0	-1610.9
6.52			6166	-681.9	-2933.5	42.8	-679.5	-2934.2
1.89								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-----			-----	-----	-----	-----	-----	-----
		Max	Cent	10783.5	129817.6	11247.8	129955.7	9720.5
88.08			6162	5228.2	87029.2	7075.8	87636.7	4620.6
85.09			6163	18059.4	71730.1	14032.6	75177.6	14611.9
76.20			6167	13627.6	159162.4	12932.5	159472.5	13317.6
87.36			6166	60255.9	208881.2	11233.3	208945.2	59386.8
88.82		Min	Cent	-48405.4	6264.2	-59847.2	39191.1	-86550.9
-58.01			6162	-96685.2	2652.7	-60760.8	28225.3	-125494.8
-65.79			6163	-64122.3	-23363.0	-39993.7	788.0	-88629.4
-60.07			6167	-53873.2	-5920.6	-62874.5	31633.4	-94194.2
-56.47			6166	-23316.3	35199.1	-80923.9	84863.2	-78712.2
-55.69								

			NODE	Vxx	Vyy
	Max	Cent		72.5	-33.4
		6162		45.8	-34.1
		6163		41.1	-15.4
		6167		126.6	-18.8
		6166		122.8	-42.3
	Min	Cent		-65.8	-181.6
		6162		-116.4	-145.0
		6163		-104.9	-203.8
		6167		-47.8	-211.5
		6166		-37.5	-177.8

			LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE			-----	-----	-----	-----	-----	-----	-----
-----		INV TO~2	Max	Cent	1783.9	-464.9	1094.0	1999.5	-698.9
11.15				6162	2321.7	-793.3	845.8	2417.0	-923.7
6.43				6163	2645.3	-45.7	1374.1	3034.9	-364.3
15.83				6167	982.6	31.2	1418.9	1620.9	-571.4
24.22									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

6.93			6166	1121.5	-838.8	800.9	1218.9	-1011.0
3.26	Min	Cent		-623.9	-3550.3	78.5	-618.7	-3766.0
2.00			6162	-613.7	-5091.1	48.3	-611.0	-5186.4
5.42			6163	-597.8	-1812.0	103.5	-588.0	-2201.5
6.52			6167	-688.1	-1598.9	105.4	-676.0	-2172.0
1.89			6166	-681.9	-5369.3	42.8	-679.5	-5466.6

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

-75.44	Max	Cent		10783.5	196597.5	11247.8	215103.3	9720.5
-75.40			6162	5228.2	137507.7	7075.8	157254.0	4620.6
-75.23			6163	18059.4	71730.1	14032.6	77794.7	14611.9
-76.22			6167	13627.6	216726.6	12932.5	235284.9	13317.6
-73.14			6166	60255.9	355755.7	11233.3	387082.7	59386.8
-58.01	Min	Cent		-59170.2	6264.2	-71243.7	39191.1	-86550.9
-65.79			6162	-133595.5	2652.7	-75783.9	28225.3	-153341.8
-60.07			6163	-78192.8	-23363.0	-41135.2	788.0	-89040.5
-56.47			6167	-73162.1	-5920.6	-75658.9	31633.4	-94194.2
-55.69			6166	-23316.3	35199.1	-103389.3	84863.2	-78712.2

		NODE	Vxx	Vyy
Max	Cent		72.5	-33.4
		6162	45.8	-34.1
		6163	41.1	-15.4
		6167	147.2	-18.8
		6166	153.7	-42.3
Min	Cent		-65.8	-292.5
		6162	-116.4	-241.2
		6163	-104.9	-310.7
		6167	-47.8	-326.2
		6166	-37.5	-299.2

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
6369	1	5	c mob-a	Max	Cent	1031.6	289.0	413.4	1216.0
24.04						6163	1901.8	536.1	404.1
15.31						6168	1900.7	115.9	425.4
12.74						6169	215.5	117.7	424.5
41.71						6167	226.2	516.1	404.8
54.85				Min	Cent	-476.8	-370.7	-251.8	-166.4
-50.95						6163	-867.4	-770.2	-235.5
								-578.4	-1059.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-50.83			6168	-866.9	-61.4	-274.4	23.2	-951.5
-72.87			6169	-114.1	-60.1	-272.3	186.6	-360.8
-47.83			6167	-113.8	-738.3	-236.7	-34.2	-817.9
-18.58								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	14261.3	37356.8	27646.1	55770.0	-4151.8
56.34			6163	18192.7	39807.0	36671.3	67230.4	-9230.7
53.21			6168	43111.6	11054.6	40720.4	70844.6	-16678.3
34.26			6169	9193.7	18442.7	16971.3	31408.3	-3771.9
52.62			6167	18560.2	83984.6	19189.9	89197.9	13346.9
74.80		Min	Cent	-29806.0	-22672.1	-24382.6	-1596.9	-50881.2
-49.16			6163	-85014.5	-32295.1	-33597.6	-15950.8	-101358.8
-64.06			6168	-44205.1	-10294.6	-26706.7	4384.4	-58884.1
-61.21			6169	-12469.0	-11971.0	-15948.3	3730.2	-28170.3
-45.45			6167	-9606.5	-41845.8	-28682.4	7175.6	-58627.9
-30.33								

			NODE	Vxx	Vyy
	Max	Cent		73.8	34.2
		6163		133.8	50.5
		6168		133.8	27.0
		6169		20.7	22.7
		6167		20.7	37.5
	Min	Cent		-146.9	-79.6
		6163		-282.6	-129.8
		6168		-282.6	-49.5
		6169		-18.9	-39.6
		6167		-18.9	-100.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

	c mob-b	Max	Cent	869.0	213.1	333.1	1008.5	73.6
22.72			6163	1589.7	384.5	328.1	1673.2	301.0
14.28			6168	1589.4	109.0	338.4	1663.1	35.3
12.28			6169	196.9	105.2	337.9	492.1	-190.0
41.14			6167	195.8	370.8	328.5	623.3	-56.6
52.46		Min	Cent	-429.7	-368.2	-216.3	-180.5	-617.4
-49.04			6163	-786.4	-788.9	-196.4	-591.3	-984.0
-44.81			6168	-785.8	-42.9	-243.2	29.7	-858.4
-73.39			6169	-90.2	-39.6	-241.1	177.5	-307.3
-48.00								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
-41.22          Cent      233.1   -610.0   -3174.7   3014.1   -3391.0
-47.51          6163   -8413.3  -7487.5  -5268.2  -2662.0  -13238.9
-42.50          6168   -794.8   -1166.5  -2124.2   1151.7   -3113.0
-22.37          6169   4927.8   1711.4   -1593.4   5583.5   1055.7
-42.70          6167   5138.7   4384.0   -4691.5   9468.0    54.7
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      -8.9     -13.0
          6163     -17.2    -22.6
          6168     -17.2     -4.5
          6169      -0.8     -3.9
          6167      -0.8    -20.8
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          perm    Cent      350.0    -87.8     78.7     363.7    -101.5
          6163    606.8    -249.5     90.6     616.3    -258.9
          6168    608.6     73.8     66.8     616.8     65.6
          6169    100.2     61.0     67.7     151.1     10.1
          6167     98.6    -236.6     89.6     121.0    -259.1
    
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          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent    -8443.1  14419.1  5084.8  15499.0  -9523.0
          6163   -46477.8  8656.0  5481.0  9195.6  -47017.4
          6168   4483.7   788.9  14704.1  17456.0  -12183.5
          6169   -173.8   5673.6  1791.9  6179.1  -679.3
          6167   8255.7  42326.8 -6228.8  43429.8  7152.6
    
```

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-----
          NODE      Vxx      Vyy
-----
          Cent      -68.5    -42.9
          6163     -141.9   -75.4
          6168     -141.9   -21.1
          6169         2.9   -15.8
          6167         2.9   -59.5
    
```

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          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          INV TO~1 Max Cent      1742.6   302.4   636.8   1983.8    61.2
          6163    3174.2   474.3   636.0   3316.5   332.0
          6168    3174.6   230.2   641.0   3308.1   119.8
    
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

11.77							
41.19		6169	391.1	219.8	640.8	952.0	-130.6
46.26		6167	404.0	460.2	636.1	1068.8	-175.7
-51.69	Min	Cent	-1056.8	-792.3	-556.2	-352.8	-1496.3
-52.86		6163	-1967.0	-1679.7	-510.5	-1293.1	-2353.6
-66.16		6168	-1962.7	-51.9	-610.5	125.2	-2141.1
-46.61		6169	-194.8	-75.9	-605.8	263.4	-744.1
-18.04		6167	-197.5	-1608.7	-514.0	-30.2	-1776.1

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

61.14	Max	Cent	11042.7	64850.8	42784.9	88433.2	-10070.7
63.60		6163	-21917.7	62395.4	55553.2	89976.5	-49498.7
35.69		6168	62684.4	15712.6	69676.7	112726.9	-33362.1
54.04		6169	17165.4	32282.7	24758.4	49091.1	357.0
83.08		6167	38450.7	160090.0	19677.5	161909.1	36631.6
-60.14	Min	Cent	-48681.2	-16798.3	-31006.4	-208.2	-67434.5
-72.32		6163	-169660.7	-42429.9	-45143.9	-28039.6	-184051.0
-66.38		6168	-55988.0	-14275.3	-24887.5	-3151.9	-67602.8
-49.69		6169	-17007.0	-10487.3	-21331.7	6258.5	-33752.8
-42.00		6167	-4713.2	-14165.0	-49641.6	35758.8	-54636.9

		NODE	Vxx	Vyy
Max	Cent		31.1	3.3
	6163		38.7	-7.3
	6168		38.7	15.4
	6169		30.9	14.8
	6167		30.9	-8.8
Min	Cent		-275.7	-163.2
	6163		-540.5	-273.3
	6168		-540.5	-92.5
	6169		-23.4	-73.1
	6167		-23.4	-216.3

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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14.47	INV TO~2	Max	Cent	2582.2	302.4	754.2	2776.8	61.2
8.30			6163	4628.6	474.3	795.5	4744.7	332.0
9.34			6168	4634.7	416.2	712.8	4751.9	299.0
40.63			6169	591.4	371.5	716.1	1205.9	-130.6
46.26			6167	585.8	460.2	792.2	1068.8	-175.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-51.69	Min	Cent	-1056.8	-792.3	-556.2	-352.8	-1496.3
-52.86		6163	-1967.0	-1679.7	-510.5	-1293.1	-2353.6
-66.16		6168	-1962.7	-51.9	-610.5	125.2	-2141.1
-46.61		6169	-194.8	-75.9	-605.8	263.4	-744.1
-18.04		6167	-197.5	-1608.7	-514.0	-30.2	-1776.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

61.14	Max	Cent	11042.7	64850.8	42784.9	88433.2	-10070.7
63.60		6163	-21917.7	62395.4	55553.2	89976.5	-49498.7
35.69		6168	62684.4	15712.6	69676.7	112726.9	-33362.1
54.04		6169	17165.4	32282.7	24758.4	49091.1	357.0
-74.95		6167	38450.7	203985.3	19677.5	217768.8	36631.6
-60.14	Min	Cent	-66948.4	-16798.3	-31006.4	-208.2	-67434.5
-72.32		6163	-268102.6	-42429.9	-45143.9	-28039.6	-268104.7
-66.38		6168	-55988.0	-14275.3	-24887.5	-3151.9	-67602.8
-49.69		6169	-17007.0	-10487.3	-21331.7	6258.5	-33752.8
-42.00		6167	-4713.2	-14165.0	-51264.5	35758.8	-54636.9

		NODE	Vxx	Vyy
Max	Cent		31.1	3.3
	6163		38.7	-7.3
	6168		38.7	15.4
	6169		30.9	14.8
	6167		30.9	-8.8
Min	Cent		-335.9	-226.3
	6163		-690.9	-397.2
	6168		-690.9	-107.6
	6169		-23.4	-81.9
	6167		-23.4	-320.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE									
6370	1	5	c mob-a	Max	Cent	732.5	45.5	252.8	815.5
18.17					6168	1037.7	88.3	255.6	1102.2
14.15					6170	1037.8	81.4	249.9	1099.2
13.80					6171	423.3	83.9	249.8	555.6
27.90					6169	423.2	91.1	255.7	562.1
28.50				Min	Cent	-335.3	-35.0	-133.5	15.7
-69.18					6168	-526.1	-44.6	-136.2	-8.8
-75.25					6170	-526.2	-75.2	-130.8	-40.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-74.94							
		6171	-143.6	-77.7	-130.6	24.1	-245.4
-52.08							
		6169	-143.5	-47.2	-136.3	49.2	-239.9
-54.73							

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	23825.1	12162.0	16035.8	35056.8	930.3
35.01								
			6168	5516.5	1217.0	14403.2	17929.5	-11196.0
40.76								
			6170	46256.1	9496.0	17443.6	53215.8	2536.3
21.75								
			6171	35007.2	19277.0	15902.9	44883.6	9400.5
31.84								
			6169	23609.9	21889.1	14715.8	37490.4	8008.6
43.33								
		Min	Cent	-14570.3	-8869.1	-12384.1	988.3	-24427.6
-51.48								
			6168	-15882.5	-3319.0	-11578.7	3572.3	-22773.7
-59.24								
			6170	-27841.1	-7824.8	-11742.5	-2404.1	-33261.8
-65.22								
			6171	-18559.7	-14772.1	-12349.6	-4171.9	-29159.9
-49.36								
			6169	-13685.9	-13144.6	-13670.0	257.5	-27088.0
-45.57								

			NODE	Vxx	Vyy
		Max	Cent	45.2	24.1
			6168	72.8	24.7
			6170	72.8	26.6
			6171	20.1	22.3
			6169	20.1	22.8
		Min	Cent	-88.5	-39.6
			6168	-137.9	-44.5
			6170	-137.9	-40.5
			6171	-38.8	-32.4
			6169	-38.8	-40.5

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

		c mob-b	Max	Cent	627.5	44.2	207.1	693.6	-21.9
17.69									
				6168	920.2	90.6	209.1	969.9	40.9
13.38									
				6170	920.2	66.7	205.2	967.0	19.9
12.84									
				6171	360.7	68.4	205.1	466.3	-37.3
27.26									
				6169	360.6	93.4	209.2	475.2	-21.2
28.72									
			Min	Cent	-297.1	-14.5	-118.5	28.6	-340.2
-70.01									
				6168	-473.3	-26.7	-120.8	3.9	-503.9
-75.79									
				6170	-473.4	-43.7	-116.2	-14.3	-502.8
-75.80									
				6171	-123.9	-46.3	-116.1	37.3	-207.5
-54.25									
				6169	-123.8	-28.3	-121.0	54.0	-206.1
-55.77									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
	Max	Cent	23950.6	11369.0	15964.0	34818.5	501.0
34.25		6168	4499.0	866.3	14003.2	16803.1	-11437.8
41.30		6170	46399.4	9214.5	17589.0	53401.0	2213.0
21.71		6171	35755.7	18629.2	16154.2	45475.9	8908.9
31.04		6169	23464.1	20325.4	15258.9	37234.1	6555.3
42.06	Min	Cent	-14155.6	-8147.6	-12294.1	1504.2	-23807.4
-51.87		6168	-15479.3	-3344.6	-11127.7	3262.4	-22086.3
-59.30		6170	-28379.8	-7806.5	-12067.6	-2236.2	-33950.1
-65.22		6171	-19446.5	-14261.1	-12561.0	-4028.0	-29679.6
-50.83		6169	-12113.8	-11101.3	-13053.4	1455.6	-24670.7
-46.11							

		NODE	Vxx	Vyy
	Max	Cent	47.1	21.8
		6168	75.6	21.5
		6170	75.6	25.3
		6171	18.8	20.7
		6169	18.8	19.5
	Min	Cent	-89.3	-37.4
		6168	-140.7	-42.1
		6170	-140.7	-38.9
		6171	-37.7	-30.5
		6169	-37.7	-38.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
		-----	-----	-----	-----	-----	-----
	pp	Cent	1416.9	127.4	410.6	1536.6	7.7
16.25		6168	1947.8	124.7	410.8	2036.1	36.4
12.13		6170	1947.8	130.1	410.5	2036.2	41.7
12.15		6171	877.1	130.3	410.5	1058.6	-51.2
23.85		6169	877.1	124.5	410.8	1057.9	-56.3
23.76							

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		-----	-----	-----	-----	-----	-----
		Cent	27626.5	9103.2	9362.2	31534.1	5195.6
22.65		6168	-32047.1	-8218.8	6180.3	-6711.3	-33554.7
76.29		6170	59272.1	2763.3	17012.6	63998.6	-1963.2
15.53		6171	54291.8	11818.5	9581.8	56353.4	9757.0
12.14		6169	29366.2	29943.8	-210.2	30012.2	29297.8
-71.98							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

		NODE	Vxx	Vyy				
		Cent	-148.2	-52.4				
		6168	-220.8	-69.0				
		6170	-220.8	-44.4				
		6171	-74.3	-32.3				
		6169	-74.3	-63.6				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	vento -y	Cent	-110.8	-0.4	-48.8	18.0	-129.3	
-69.26		6168	-155.4	14.7	-49.7	28.2	-168.9	
-74.86		6170	-155.5	-15.6	-47.9	-0.8	-170.4	
-72.80		6171	-65.5	-16.4	-47.8	12.8	-94.7	
-58.58		6169	-65.4	15.5	-49.7	39.2	-89.0	
-64.56								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	-305.8	-55.3	-833.2	662.0	-1023.0	
-49.27		6168	511.9	112.4	-762.6	1100.5	-476.1	
-37.66		6170	-1141.5	-309.2	-801.0	177.3	-1627.9	
-58.73		6171	-269.4	-81.2	-835.2	665.2	-1015.8	
-48.21		6169	-324.4	56.0	-837.3	724.4	-992.8	
-51.40								
		NODE	Vxx	Vyy				
		Cent	1.9	-0.1				
		6168	3.9	-0.1				
		6170	3.9	0.2				
		6171	-0.2	-0.2				
		6169	-0.2	-0.3				
		LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE								

	cedime~1	Cent	-483.6	-4.5	-186.0	59.3	-547.4	
-71.09		6168	-710.4	41.1	-188.7	85.9	-755.1	
-76.67		6170	-710.8	-50.1	-183.3	-2.6	-758.2	
-75.49		6171	-253.1	-52.4	-183.1	56.1	-361.6	
-59.36		6169	-252.7	43.5	-188.8	135.4	-344.6	
-64.05								
		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
ANGLE								

		Cent	4014.0	587.0	-1090.1	4331.4	269.7	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-16.23							
	6168	4229.9	-48.8	-1037.2	4468.1	-287.0	
-12.93							
	6170	3169.6	-315.3	-937.3	3405.7	-551.4	
-14.14							
	6171	4692.0	1132.7	-1088.5	4998.4	826.2	
-15.73							
	6169	3962.2	1573.1	-1225.4	4479.0	1056.4	
-22.87							

NODE	Vxx	Vyy
Cent	0.2	-3.3
6168	2.5	-3.8
6170	2.5	-2.5
6171	-2.1	-2.9
6169	-2.1	-4.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	282.9	32.7	67.4	299.9	15.7
14.15		6168	374.6	44.2	66.7	387.6	31.2
10.99		6170	374.6	21.2	68.0	387.2	8.6
10.53		6171	189.7	20.7	68.1	213.7	-3.4
19.43		6169	189.7	44.7	66.6	215.7	18.8
21.30							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	9660.7	2690.5	5033.6	12298.0	53.2
27.65	6168	-7971.2	-2518.7	3997.7	-406.1	-10083.8
62.15	6170	20131.4	1674.7	6864.6	22404.5	-598.5
18.32	6171	16257.1	3664.7	5097.1	18061.7	1860.1
19.50	6169	10319.9	7914.5	2623.6	12003.3	6231.1
32.69						

NODE	Vxx	Vyy
Cent	-42.8	-14.0
6168	-67.6	-18.4
6170	-67.6	-12.6
6171	-17.7	-8.5
6169	-17.7	-16.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	1271.8	94.1	408.6	1399.7	24.8
17.38		6168	1775.6	207.6	411.7	1874.8	153.1
13.55		6170	1775.7	131.1	405.5	1870.2	36.6
13.12		6171	761.2	133.9	405.3	960.0	-13.2

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

26.13			6169	761.1	214.3	411.9	972.7	94.2
27.19								
-62.26		Min	Cent	-653.4	-19.1	-298.8	44.7	-771.9
-71.88				6168	-1046.0	-16.1	-305.8	22.3
-73.75				6170	-1046.5	-130.3	-291.8	-45.2
-34.86				6171	-257.2	-136.6	-291.4	71.3
-43.17				6169	-256.7	-19.0	-306.2	106.1

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

31.40		Max	Cent	46007.9	19696.3	26682.0	61627.4	4076.8
42.05				6168	3706.0	-875.8	23442.0	-21133.5
19.80				6170	85940.2	14494.2	30609.8	3499.1
26.68				6171	69219.2	30821.3	26905.3	82193.3
40.41				6169	46155.5	39038.0	23223.1	64880.5
-45.89		Min	Cent	-10009.2	-9282.7	-12775.1	2044.6	-21336.5
-66.94				6168	-29412.6	-7082.6	-12670.7	-2081.9
-58.12				6170	-18181.3	-9204.2	-10364.0	-3025.5
-37.58				6171	-9995.6	-16277.6	-12948.7	-867.5
-43.49				6169	-8156.0	-9830.7	-17056.4	6859.7

		NODE	Vxx	Vyy
	Max	Cent	21.0	18.5
		6168	37.0	14.9
		6170	37.0	23.3
		6171	9.5	21.6
		6169	9.5	14.2
	Min	Cent	-163.3	-70.7
		6168	-257.5	-82.3
		6170	-257.5	-69.8
		6171	-72.2	-55.1
		6169	-72.2	-75.2

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

16.25	INV TO~2	Max	Cent	1912.8	172.0	554.4	2074.4	24.8
12.13				6168	2629.6	207.6	554.6	153.1
12.15				6170	2629.6	175.7	554.2	56.3
23.85				6171	1184.1	175.9	554.1	-13.2
23.76				6169	1184.0	214.3	554.6	94.2
-62.26		Min	Cent	-653.4	-19.1	-298.8	44.7	-771.9

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-71.88		6168	-1046.0	-16.1	-305.8	22.3	-1127.1
-73.75		6170	-1046.5	-130.3	-291.8	-45.2	-1131.5
-34.86		6171	-257.2	-136.6	-291.4	71.3	-494.5
-43.17		6169	-256.7	-19.0	-306.2	106.1	-453.0

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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31.40	Max	Cent	46007.9	19696.3	26682.0	61627.4	7014.1
42.05		6168	3706.0	-875.8	23442.0	23914.9	-21133.5
19.80		6170	85940.2	14494.2	30609.8	96620.0	3499.1
26.68		6171	73294.0	30821.3	26905.3	82193.3	17847.2
40.41		6169	46155.5	40424.1	23223.1	64880.5	39552.0
-45.89	Min	Cent	-10009.2	-9282.7	-12775.1	2044.6	-21336.5
76.29		6168	-43263.6	-11095.4	-12670.7	-9060.2	-45298.8
-58.12		6170	-18181.3	-9204.2	-10364.0	-3025.5	-24044.7
-37.58		6171	-9995.6	-16277.6	-12948.7	-867.5	-25405.7
-43.49		6169	-8156.0	-9830.7	-17056.4	6859.7	-24846.5

		NODE	Vxx	Vyy
Max	Cent		21.0	18.5
	6168		37.0	14.9
	6170		37.0	23.3
	6171		9.5	21.6
	6169		9.5	14.2
Min	Cent		-200.0	-70.7
	6168		-298.1	-93.2
	6170		-298.1	-69.8
	6171		-100.3	-55.1
	6169		-100.3	-85.9

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6371	1	5	c mob-a	Max	Cent	449.2	6.4	204.7	529.4	-73.7
21.38					6170	626.6	7.2	204.7	688.1	-54.3
16.73					6172	626.6	30.7	204.7	690.1	-32.9
17.25					6173	290.1	27.2	204.7	402.0	-84.6
28.65					6171	290.1	6.2	204.7	397.3	-101.0
27.63				Min	Cent	-202.0	-11.0	-110.1	39.2	-252.2
-65.48					6170	-317.8	-36.9	-110.0	1.1	-355.8
-70.97					6172	-317.8	-20.2	-110.1	16.1	-354.1
-71.75					6173	-93.4	-18.7	-110.1	60.2	-172.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-54.36
-52.64

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	34104.0	9411.8	10464.5	37942.2	5573.6
20.14		6170	22712.1	3368.9	10021.7	26967.9	-886.9
23.01		6172	44949.3	4019.6	9964.0	47246.1	1722.8
12.98		6173	39326.5	15120.4	9808.7	42802.1	11644.8
19.51		6171	33786.5	17376.5	9602.2	38211.8	12951.2
24.74	Min	Cent	-16499.4	-7571.6	-5208.3	-5176.0	-18895.0
-65.30		6170	-15569.9	-4344.0	-5020.0	-2426.6	-17487.3
-69.10		6172	-19646.4	-3558.7	-4793.3	-2238.8	-20966.3
-74.60		6173	-18216.2	-11608.2	-4954.4	-8957.1	-20867.3
-61.85		6171	-17630.6	-12950.1	-5078.7	-9698.3	-20882.3
-57.37							

		NODE	Vxx	Vyy
	Max	Cent	14.6	20.4
		6170	24.3	21.9
		6172	24.3	19.2
		6173	7.3	19.8
		6171	7.3	21.2
	Min	Cent	-31.4	-29.0
		6170	-56.0	-33.3
		6172	-56.0	-24.8
		6173	-16.1	-28.2
		6171	-16.1	-30.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	c mob-b	Max	Cent	442.0	6.7	165.1	497.5	-48.8
18.59			6170	614.2	17.2	165.0	656.8	-25.4
14.47			6172	614.2	12.8	165.1	656.5	-29.5
14.38			6173	282.3	12.0	165.1	360.5	-66.2
25.35			6171	282.3	14.9	165.1	361.0	-63.8
25.50		Min	Cent	-154.3	-11.2	-107.2	46.2	-211.7
-61.87			6170	-243.3	-10.8	-107.1	31.0	-285.2
-68.67			6172	-243.3	-29.0	-107.3	15.5	-287.8
-67.48			6173	-70.1	-26.6	-107.3	61.1	-157.8
-50.73			6171	-70.1	-10.2	-107.1	71.1	-151.4
-52.82								

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

ANGLE							
	Max	Cent	33149.5	9583.5	10509.1	37155.1	5578.0
20.86		6170	20479.3	2772.1	9939.6	24936.7	-1685.2
24.15		6172	45632.6	4634.0	10024.2	47952.3	2314.4
13.03		6173	39251.2	16985.7	9880.6	43003.5	13233.4
20.79		6171	32121.7	16103.9	9467.1	36513.2	11712.4
24.88	Min	Cent	-16369.7	-7692.6	-5372.4	-5125.7	-18936.6
-64.46		6170	-14093.1	-4133.1	-5089.0	-1992.8	-16233.4
-67.19		6172	-20845.2	-3810.7	-4962.5	-2470.5	-22185.4
-74.89		6173	-19491.8	-12970.3	-5352.9	-9963.2	-22498.9
-60.67		6171	-15727.5	-11878.0	-5088.7	-8362.2	-19243.3
-55.36							

	NODE	Vxx	Vyy
Max	Cent	15.8	20.6
	6170	26.3	20.8
	6172	26.3	20.3
	6173	7.9	21.5
	6171	7.9	19.7
Min	Cent	-35.7	-29.2
	6170	-56.1	-31.8
	6172	-56.1	-26.9
	6173	-17.6	-30.6
	6171	-17.6	-28.4

ANGLE

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	816.9	12.4	296.6	914.4	-85.2
18.20		6170	907.2	12.9	296.6	996.7	-76.5
16.78		6172	907.2	11.8	296.6	996.6	-77.6
16.76		6173	730.4	11.8	296.6	837.0	-94.8
19.77		6171	730.4	12.9	296.6	837.1	-93.9
19.79							

ANGLE

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	58766.6	4758.7	15747.1	63022.6	502.7
15.12	6170	23708.3	-4773.1	14669.3	29912.3	-10977.1
22.92	6172	87891.7	797.7	16045.0	90753.6	-2064.2
10.11	6173	69882.5	10746.3	14881.3	73416.1	7212.7
13.36	6171	53713.1	12287.5	12749.6	57322.6	8678.1
15.81						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Cent      -70.0      -27.9
          6170     -115.7     -35.7
          6172     -115.7     -19.5
          6173      -26.3     -27.8
          6171      -26.3     -28.4
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-52.53	vento -y	Cent	-24.3	-1.4	-42.5	31.2	-56.9
-55.95		6170	-34.3	-0.1	-42.5	28.6	-63.1
-55.20		6172	-34.3	-2.7	-42.5	26.9	-63.9
-49.08		6173	-14.7	-2.5	-42.5	34.4	-51.6
-49.81		6171	-14.7	-0.3	-42.5	35.6	-50.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-46.17	Cent	-64.2	-2.1	-761.2	728.7	-794.9
-29.96	6170	967.2	125.9	-726.1	1385.7	-292.6
-62.15	6172	-1108.5	-133.5	-714.6	244.0	-1486.0
-46.71	6173	-79.8	4.3	-704.5	668.0	-743.5
-45.63	6171	-36.2	-5.1	-710.7	690.3	-731.5

```

-----
          NODE      Vxx      Vyy
          Cent       1.8      -0.0
          6170       3.7       0.2
          6172       3.7      -0.2
          6173       0.1       0.1
          6171       0.1      -0.1
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-57.12	cedime~1	Cent	-154.2	-6.4	-164.1	99.6	-260.3
-63.06		6170	-236.5	2.9	-164.0	86.3	-319.9
-61.96		6172	-236.5	-15.8	-164.1	71.6	-324.0
-50.24		6173	-75.4	-14.6	-164.1	121.9	-211.9
-51.62		6171	-75.4	1.8	-164.0	131.7	-205.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-16.75	Cent	3926.9	579.6	-1107.9	4260.4	246.1
	6170	6105.3	250.6	-1067.3	6293.8	62.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-10.02			6172	1562.5	-50.6	-1088.3	2110.5	-598.6
-26.73			6173	3236.9	935.4	-978.9	3596.9	575.4
-20.19			6171	4823.3	1187.4	-1017.2	5088.6	922.2
-14.61								

NODE	Vxx	Vyy
Cent	5.3	-2.1
6170	8.2	-2.0
6172	8.2	-2.3
6173	2.5	-1.8
6171	2.5	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	197.9	0.6	41.8	206.4	-7.9
11.47		6170	204.2	2.1	41.8	212.5	-6.2
11.22		6172	204.2	-0.9	41.7	212.4	-9.1
11.07		6173	191.9	-0.7	41.7	200.6	-9.4
11.72		6171	191.9	1.9	41.8	200.7	-6.9
11.86							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	15896.8	1387.8	6417.5	18328.0	-1043.3
20.75	6170	4414.0	-1621.3	6007.2	8118.8	-5326.2
31.66	6172	25874.9	703.3	6305.4	27366.1	-787.9
13.31	6173	18129.4	2958.5	6061.1	20253.5	834.4
19.31	6171	15210.2	3518.5	5534.2	17414.2	1314.5
21.72						

NODE	Vxx	Vyy
Cent	-21.3	-7.7
6170	-38.5	-10.2
6172	-38.5	-4.9
6173	-4.8	-8.1
6171	-4.8	-7.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	INV TO~1 Max	Cent	804.4	9.6	318.1	916.0	-31.6
19.34		6170	1050.1	28.2	318.1	1140.8	-0.9
15.92		6172	1050.1	40.6	318.1	1142.0	-4.2
16.11		6173	583.6	36.0	318.1	729.6	-23.3
24.64		6171	583.6	23.8	318.1	727.1	-21.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

24.28								
	Min	Cent	-229.0	-20.9	-270.9	66.3	-415.2	
-52.88			6170	-461.4	-47.7	-270.8	2.4	-594.7
-64.84			6172	-461.4	-55.8	-271.0	8.9	-597.1
-65.42			6173	-9.5	-51.3	-271.0	133.1	-302.2
-32.19			6171	-9.5	-43.1	-270.8	131.2	-296.6
-31.49								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Max	Cent	65864.0	14905.2	20604.7	72467.8	8301.5
18.71			6170	41180.6	3177.3	19536.4	-4319.5
22.09			6172	89041.4	6959.2	19838.0	93119.2
12.27			6173	74457.0	26824.6	19399.9	80749.7
18.86			6171	65645.3	28164.2	18497.1	72532.0
21.50							
	Min	Cent	-6377.4	-8997.2	-1943.1	-6133.8	-9240.8
-16.26			6170	-16605.4	-7485.7	-1930.3	-7404.8
-84.64			6172	-2266.1	-4491.7	-1482.3	-2196.9
-9.96			6173	-8184.6	-14551.3	-2144.2	-7978.0
-10.05			6171	-8591.1	-13964.1	-2352.8	-8277.4
-13.22							

		NODE	Vxx	Vyy
	Max	Cent	5.3	20.1
		6170	5.1	19.3
		6172	5.1	22.5
		6173	8.4	21.0
		6171	8.4	21.2
	Min	Cent	-69.5	-49.2
		6170	-114.2	-57.1
		6172	-114.2	-43.5
		6173	-28.5	-51.2
		6171	-28.5	-50.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	------	-----	-----	-----	------	------

	INV TO~2	Max	Cent	1102.8	16.7	400.4	1234.5	-31.6
18.20			6170	1224.8	28.2	400.4	1345.5	-0.9
16.78			6172	1224.8	40.6	400.4	1345.4	-4.2
16.76			6173	986.0	36.0	400.4	1129.9	-23.3
19.77			6171	986.0	23.8	400.4	1130.1	-21.0
19.79								
		Min	Cent	-229.0	-20.9	-270.9	66.3	-415.2
-52.88			6170	-461.4	-47.7	-270.8	2.4	-594.7
-64.84								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-65.42	6172	-461.4	-55.8	-271.0	8.9	-597.1
-32.19	6173	-9.5	-51.3	-271.0	133.1	-302.2
-31.49	6171	-9.5	-43.1	-270.8	131.2	-296.6

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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15.12	Max	Cent	79334.9	14905.2	21258.5	85080.5	8301.5
22.09		6170	41180.6	3177.3	19803.5	48677.4	-4319.5
10.11		6172	118653.8	6959.2	21660.7	122517.3	2830.9
13.36		6173	94341.4	26824.6	20089.7	99111.8	20532.0
15.81		6171	72512.7	28164.2	18497.1	77385.5	21277.5
-16.26	Min	Cent	-6377.4	-8997.2	-1943.1	-6133.8	-9240.8
-84.64		6170	-16605.4	-7485.7	-1930.3	-7404.8	-16686.4
-9.96		6172	-2266.1	-4491.7	-1482.3	-2196.9	-5002.8
-10.05		6173	-8184.6	-14551.3	-2144.2	-7978.0	-14757.9
-13.22		6171	-8591.1	-13964.1	-2352.8	-8277.4	-14277.8

	NODE	Vxx	Vyy
Max	Cent	5.3	20.1
	6170	5.1	19.3
	6172	5.1	22.5
	6173	8.4	21.0
	6171	8.4	21.2
Min	Cent	-94.5	-49.2
	6170	-156.2	-57.1
	6172	-156.2	-43.5
	6173	-35.5	-51.2
	6171	-35.5	-50.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6372	1	5	c mob-a	Max	Cent	366.7	54.7	187.5	454.6	-33.2
25.12					6172	569.9	46.7	182.2	627.1	-10.5
17.43					6174	570.0	171.7	192.9	648.0	93.6
22.04					6175	243.1	180.8	193.3	407.7	16.2
40.42					6173	243.1	49.6	181.8	352.3	-59.5
30.99				Min	Cent	-330.5	-9.9	-121.6	31.0	-371.4
-71.40					6172	-486.5	-80.7	-120.2	-47.8	-519.4
-74.68					6174	-486.2	-41.2	-123.1	-9.4	-518.0
-75.53					6175	-180.3	-44.2	-123.2	28.4	-253.0
-59.46					6173	-180.7	-90.0	-120.0	-7.0	-263.6

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-55.35

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	29501.3	9727.6	16355.8	38726.2	502.7
29.42		6172	40908.2	7705.5	14593.9	46410.9	2202.8
20.66		6174	18251.7	2689.7	14862.4	27246.7	-6305.3
31.18		6175	28370.7	18356.5	17286.9	41361.0	5366.1
36.92		6173	40325.4	16949.0	16077.3	48514.1	8760.2
26.99	Min	Cent	-15802.7	-7681.3	-10400.5	-576.9	-22907.1
-55.66		6172	-32400.6	-10256.4	-10598.0	-6001.8	-36655.2
-68.13		6174	-6213.4	-1962.9	-8693.7	4861.6	-13037.8
-51.87		6175	-14269.4	-10923.6	-9509.0	-2941.5	-22251.5
-49.99		6173	-21023.2	-14104.2	-10631.3	-6383.7	-28743.7
-54.01							

		NODE	Vxx	Vyy
Max	Cent		43.0	21.5
		6172	63.1	24.6
		6174	63.1	20.3
		6175	27.6	20.3
		6173	27.6	21.2
Min	Cent		-37.2	-33.6
		6172	-63.6	-32.9
		6174	-63.6	-35.6
		6175	-15.0	-35.6
		6173	-15.0	-31.4

ANGLE	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	c mob-b	Max	Cent	402.7	50.2	156.8	462.3	-9.5
20.83			6172	575.9	43.2	151.9	616.1	2.9
14.84			6174	576.0	150.4	161.8	630.5	95.9
18.62			6175	258.3	158.3	162.2	378.0	38.6
36.43			6173	258.3	45.9	151.5	337.1	-32.9
27.48		Min	Cent	-175.0	-25.5	-113.8	35.9	-236.4
-61.66			6172	-244.9	-86.4	-112.3	-28.3	-303.1
-62.61			6174	-244.6	-39.2	-115.3	12.4	-296.3
-65.85			6175	-114.5	-42.2	-115.4	42.6	-199.2
-53.70			6173	-114.9	-93.7	-112.1	8.4	-216.9
-47.70								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-----
          Max   Cent   27530.3   10888.8   16741.5   37904.8   514.3
31.79
          6172   38205.7   7370.4   14574.8   44004.4   1571.8
21.70
          6174   17284.9   2547.0   15475.3   27056.1  -7224.2
32.27
          6175   26353.2   20209.7   18115.8   41655.9   4907.1
40.19
          6173   38020.0   18471.0   16252.5   47210.9   9280.2
29.49
          Min   Cent   -15914.0  -8449.7  -9458.8  -2013.4  -22350.3
-55.77
          6172  -30847.2  -10312.8  -9329.5  -6707.2  -34452.8
-68.87
          6174   -5633.0   -1638.9   -8123.0   4728.9  -12000.8
-51.91
          6175  -15086.1  -12283.2  -9032.3  -4544.3  -22825.0
-49.41
          6173  -20108.9  -15163.1  -9460.6  -7857.6  -27414.4
-52.32
  
```

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          NODE      Vxx      Vyy
-----
          Max   Cent      39.3      23.7
          6172      56.0      26.1
          6174      56.0      22.7
          6175      29.6      22.7
          6173      29.6      23.1
          Min   Cent     -34.5     -36.5
          6172     -60.8     -35.6
          6174     -60.8     -38.4
          6175     -16.4     -38.4
          6173     -16.4     -33.9
  
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
          pp      Cent      176.8      135.2      227.2      384.1      -72.2
42.39
          6172      190.4     -96.5      216.5      306.7     -212.8
28.24
          6174      191.3      366.8      237.9      532.7       25.5
55.12
          6175      162.9      384.6      238.7      537.0       10.5
57.46
          6173      161.8     -114.3      215.7      279.9     -232.4
28.69
  
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
          Cent     43329.6     5886.1     25034.7     55868.7    -6653.0
26.60
          6172     28293.5    -11354.9     18018.5     35258.6   -18320.0
21.13
          6174     39526.0      2095.2     25476.7     52422.8  -10801.6
26.85
          6175     41585.1     25048.9     31219.1     65612.4     1021.6
37.58
          6173     64108.6      7720.8     23035.5     72322.5    -493.1
19.63
  
```

```

          NODE      Vxx      Vyy
-----
          Cent      16.9     -41.8
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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6172      -15.2      -28.8
6174      -15.2      -51.8
6175       49.8      -51.8
6173       49.8      -34.8
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-24.24	vento -y	Cent	74.2	-3.4	-43.8	94.0	-23.2
-23.25		6172	97.1	15.6	-43.0	115.6	-2.9
-18.41		6174	97.0	-22.4	-44.7	111.9	-37.3
-25.09		6175	50.8	-23.9	-44.8	71.7	-44.9
-34.24		6173	50.9	17.0	-42.9	80.1	-12.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-41.41	Cent	237.8	21.6	-858.5	995.0	-735.6
-29.77	6172	1311.8	358.1	-811.2	1775.9	-106.0
-55.69	6174	-860.9	-269.5	-755.6	246.2	-1376.7
-38.55	6175	289.7	-92.4	-835.0	955.2	-757.9
-42.96	6173	212.5	90.7	-852.6	1006.4	-703.2

```

NODE      Vxx      Vyy
Cent      1.7       0.1
6172      3.6      -0.2
6174      3.6       0.1
6175     -0.2       0.1
6173     -0.2       0.2
    
```

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-27.92	cedime~1	Cent	223.1	-8.3	-170.4	313.3	-98.6
-28.53		6172	278.3	61.7	-167.2	369.2	-29.2
-22.14		6174	278.0	-78.2	-173.6	348.6	-148.9
-27.14		6175	166.5	-83.6	-173.9	255.6	-172.7
-36.68		6173	166.8	67.0	-166.9	291.1	-57.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-34.90	Cent	1740.3	639.9	-1494.7	2782.8	-402.6
-18.48	6172	5522.5	851.1	-1757.8	6110.0	263.6
	6174	-3091.8	-636.8	-1163.2	-173.2	-3555.4

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-68.27			6175	866.8	1222.0	-1048.7	2108.0	-19.2
-49.81			6173	3676.1	1122.9	-1544.2	4403.1	395.9
-25.21								

NODE	Vxx	Vyy
Cent	10.1	-2.5
6172	14.8	-2.9
6174	14.8	-2.5
6175	5.4	-2.5
6173	5.4	-2.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	perm	Cent	111.7	29.1	24.2	118.3	22.6
15.18		6172	124.1	-13.0	22.3	127.6	-16.6
8.99		6174	124.2	71.3	26.1	135.0	60.5
22.32		6175	99.1	74.5	26.3	115.9	57.8
32.46		6173	98.9	-16.3	22.1	103.0	-20.4
10.50							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Cent	9326.7	1608.7	8999.9	15260.0	-4324.6
33.40	6172	3238.2	-3866.7	6892.0	7439.5	-8068.0
31.37	6174	10175.4	1223.5	8897.8	15659.6	-4260.7
31.65	6175	8327.5	7145.6	10724.6	18477.5	-3004.3
43.42	6173	15618.9	1922.2	8429.5	19631.3	-2090.2
25.45						

NODE	Vxx	Vyy
Cent	2.6	-11.6
6172	-10.5	-7.5
6174	-10.5	-14.5
6175	16.0	-14.5
6173	16.0	-10.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	INV TO~1	Max	Cent	878.4	102.9	277.3	892.7	80.3
7.63			6172	1179.7	111.7	268.2	1189.2	102.2
5.35			6174	1179.8	303.0	286.5	1193.0	211.6
6.65			6175	614.3	318.6	287.2	677.6	203.7
38.66			6173	614.4	117.7	267.5	634.0	98.2
11.02		Min	Cent	-334.4	-13.6	-310.4	46.2	-385.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-69.81			6172	-532.7	-129.7	-307.1	-85.9	-576.6
-72.61			6174	-532.2	-62.5	-313.6	49.4	-565.9
-76.47			6175	-144.3	-68.8	-313.9	96.2	-340.5
-59.81			6173	-144.9	-142.7	-306.9	-3.9	-337.6
-45.23								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	50893.7	16948.4	31600.8	68481.9	-639.8
30.29			6172	63986.8	7386.7	26593.8	73339.4	-1965.9
20.64			6174	34815.2	4854.6	29789.4	53178.8	-3081.5
31.65			6175	47494.7	35650.8	35180.9	76234.1	6930.6
40.08			6173	73734.3	27980.9	30370.3	87658.2	14056.9
25.78		Min	Cent	-12157.2	-9798.5	-6535.4	-5800.9	-16353.4
-51.58			6172	-40502.5	-17789.0	-9173.0	-15582.6	-42709.0
-73.43			6174	-1304.4	-2063.2	-4002.0	2336.1	-13787.8
-42.29			6175	-12038.7	-9436.7	-3161.3	-8256.7	-13218.7
-60.81			6173	-12762.5	-18548.0	-7466.9	-9063.8	-22246.7
-31.98								

			NODE	Vxx	Vyy
	Max	Cent	6172	70.8	20.3
			6172	89.4	27.8
			6174	89.4	16.2
			6175	61.3	16.2
			6173	61.3	21.2
	Min	Cent	6172	-47.7	-63.3
			6172	-96.4	-58.4
			6174	-96.4	-68.8
			6175	-6.1	-68.8
			6173	-6.1	-57.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	878.4	182.5	306.8	892.7	80.3
7.63			6172	1179.7	111.7	292.3	1189.2	102.2
5.35			6174	1179.8	495.2	321.2	1193.0	211.6
6.65			6175	614.3	519.3	322.3	724.9	203.7
57.46			6173	614.4	117.7	291.2	634.0	98.2
11.02		Min	Cent	-334.4	-13.6	-310.4	46.2	-385.8
-69.81			6172	-532.7	-130.3	-307.1	-85.9	-576.6
-72.61			6174	-532.2	-62.5	-313.6	49.4	-565.9
-76.47								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-59.81		6175	-144.3	-68.8	-313.9	96.2	-340.5
-45.23		6173	-144.9	-154.3	-306.9	-3.9	-337.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	58495.0	16948.4	33796.8	75422.7	-639.8
26.60			6172	63986.8	7386.7	26593.8	73339.4	-1965.9
20.64			6174	53360.1	4854.6	34393.6	70770.8	-3081.5
26.85			6175	56139.9	35650.8	42145.7	88576.7	6930.6
37.58			6173	86546.6	27980.9	31097.9	97635.3	14056.9
19.63		Min	Cent	-12157.2	-9798.5	-6535.4	-5800.9	-16353.4
-51.58			6172	-40502.5	-17789.0	-9173.0	-15582.6	-42709.0
-73.43			6174	-1304.4	-2063.2	-4002.0	2336.1	-14582.2
-42.29			6175	-12038.7	-9436.7	-3161.3	-8256.7	-13218.7
-60.81			6173	-12762.5	-18548.0	-7466.9	-9063.8	-22246.7
-31.98								

		NODE	Vxx	Vyy
	Max	Cent	70.8	20.3
		6172	89.4	27.8
		6174	89.4	16.2
		6175	67.2	16.2
		6173	67.2	21.2
	Min	Cent	-47.7	-63.3
		6172	-96.4	-58.4
		6174	-96.4	-69.9
		6175	-6.1	-69.9
		6173	-6.1	-57.8

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	ANGLE									
6373	1	5	c mob-a	Max	Cent	496.3	150.7	434.7	791.3	-144.3
	34.16				6174	863.7	102.7	470.5	1088.3	-121.9
	25.52				6165	863.4	299.7	399.0	1070.1	93.0
	27.38				6176	162.6	284.8	402.6	630.9	-183.5
	49.31				6175	163.9	67.1	466.9	585.0	-353.9
	42.04			Min	Cent	-728.0	-600.5	-205.6	-449.0	-879.6
	-53.61				6174	-1335.3	-36.3	-210.8	-2.9	-1368.7
	-81.01				6165	-1337.7	-1281.6	-201.6	-1106.1	-1513.2
	-48.96				6176	-147.8	-1213.8	-202.0	-110.8	-1250.8
	-10.38				6175	-145.8	-38.9	-210.3	124.6	-309.3
	-52.13									

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	12243.4	25554.8	35514.5	55031.9	-17233.7
50.31		6174	40956.5	7205.3	30285.7	58750.9	-10589.1
30.44		6165	18528.2	30899.2	50224.0	75317.2	-25889.8
48.51		6176	24917.4	75709.1	42790.0	100072.0	554.5
60.34		6175	16309.2	15478.2	22092.4	37990.1	-6202.6
44.46	Min	Cent	-32345.4	-20788.6	-23005.9	-2846.5	-50287.5
-52.05		6174	-54205.7	-11498.7	-27738.7	2153.6	-67858.0
-63.79		6165	-89667.0	-46089.5	-29666.2	-31070.2	-104686.3
-63.15		6176	-9123.8	-39029.4	-16895.6	-1514.5	-46638.7
-24.25		6175	-9727.6	-9832.9	-14358.0	4577.8	-24138.3
-44.89							

		NODE	Vxx	Vyy
	Max	Cent	113.9	30.6
		6174	220.5	20.3
		6165	220.5	47.2
		6176	15.2	35.6
		6175	15.2	20.3
	Min	Cent	-68.3	-87.8
		6174	-124.7	-35.6
		6165	-124.7	-151.8
		6176	-17.3	-128.5
		6175	-17.3	-35.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

	c mob-b	Max	Cent	474.2	131.9	392.6	731.3	-125.2
33.22			6174	826.0	94.8	423.9	1020.2	-99.4
24.61			6165	825.8	252.0	361.3	1000.2	77.5
25.77			6176	152.8	239.9	364.4	563.4	-170.7
48.41			6175	153.5	67.6	420.7	533.5	-312.4
42.08		Min	Cent	-526.6	-535.3	-192.4	-338.5	-723.4
-44.36			6174	-980.7	-22.9	-196.4	15.8	-1019.4
-78.85			6165	-983.7	-1140.2	-188.7	-857.7	-1266.2
-33.74			6176	-92.5	-1080.0	-189.0	-57.5	-1114.9
-10.47			6175	-89.9	-37.1	-196.0	134.3	-261.3
-48.84								

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

	Max	Cent	12814.0	27816.1	36114.5	57200.2	-16570.2

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50.87			6174	40951.9	7666.4	30761.8	59284.4	-10666.1
30.79			6165	14554.2	32822.1	51252.1	75747.8	-28371.6
50.05			6176	22646.0	74830.2	44500.8	100324.1	-2847.9
60.19			6175	14530.3	17483.7	22791.6	38846.4	-6832.3
46.85	Min	Cent		-33019.0	-22808.2	-23264.1	-4095.9	-51731.3
-51.19			6174	-56706.8	-11876.8	-27918.9	1511.8	-70095.4
-64.38			6165	-89569.8	-49057.5	-30715.2	-32520.5	-106106.9
-61.70			6176	-9763.6	-40471.5	-17366.4	-1937.1	-48298.1
-24.26			6175	-10740.3	-11069.5	-14118.3	3214.4	-25024.1
-44.67								

	NODE	Vxx	Vyy
Max	Cent	113.3	28.1
	6174	214.8	22.7
	6165	214.8	39.2
	6176	19.9	27.9
	6175	19.9	22.7
Min	Cent	-63.3	-83.9
	6174	-115.7	-38.4
	6165	-115.7	-143.9
	6176	-19.4	-121.8
	6175	-19.4	-38.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.93	pp	Cent	-522.9	-1095.2	583.2	-159.4	-1458.7
68.08		6174	-1105.4	265.1	658.2	530.0	-1370.4
18.57		6165	-1113.7	-2455.5	508.2	-943.0	-2626.3
11.80		6176	39.9	-2320.1	515.7	147.7	-2427.9
46.81		6175	47.4	129.7	650.8	740.6	-563.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
61.73	Cent	-58872.6	12093.1	53677.2	40955.2	-87734.7
71.58	6174	-64012.9	-18612.6	17011.1	-12946.0	-69679.6
65.80	6165	-228754.4	-75218.3	86472.4	-36354.1	-267618.6
56.40	6176	37926.1	120587.5	98290.6	185883.6	-27370.0
46.61	6175	16341.6	20000.2	32563.1	50785.4	-14443.5

	NODE	Vxx	Vyy
	Cent	171.7	-203.4
	6174	353.3	-51.8
	6165	353.3	-375.1

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

6176 -3.6 -335.7
 6175 -3.6 -51.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-30.87	vento -y	Cent	173.5	81.7	-85.4	224.6	30.6
-14.61		6174	323.9	3.0	-89.7	347.3	-20.4
-22.34		6165	324.4	160.4	-81.1	357.7	127.1
-63.66		6176	28.3	152.6	-81.5	192.9	-12.1
-42.28		6175	27.8	10.8	-89.3	109.0	-70.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-41.52		Cent	1193.4	816.3	-1544.9	2561.2	-551.5
-27.40		6174	2377.5	378.2	-1416.8	3111.8	-356.1
-46.70		6165	2226.5	2496.9	-2270.8	4636.5	86.9
-47.92		6176	217.6	564.2	-1696.9	2096.6	-1314.8
-42.48		6175	0.4	-150.3	-853.9	782.3	-932.2

	NODE	Vxx	Vyy

	Cent	0.6	1.6
	6174	1.3	0.1
	6165	1.3	3.0
	6176	-0.2	3.2
	6175	-0.2	0.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-31.63	cedime~1	Cent	603.8	282.4	-319.1	800.3	85.8
-15.45		6174	1131.8	16.4	-333.7	1224.1	-75.8
-23.07		6165	1133.5	548.4	-304.4	1263.1	418.8
-62.49		6176	93.8	521.9	-305.8	681.2	-65.5
-42.87		6175	92.3	42.9	-332.3	400.8	-265.6

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-65.33		Cent	-1654.3	3557.5	-3034.2	4951.2	-3048.1
-36.97		6174	3069.0	595.3	-4295.7	6302.4	-2638.0
-72.97		6165	-6409.3	5794.1	-4126.2	7058.3	-7673.5
		6176	-1677.0	7123.9	-1539.5	7385.5	-1938.6

PROJECT TITLE :

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-80.36
-63.30

NODE	Vxx	Vyy
Cent	13.3	-3.2
6174	24.2	-2.5
6165	24.2	-5.2
6176	2.8	-2.8
6175	2.8	-2.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
18.11	perm	Cent	12.0	-205.7	79.7	38.1	-231.8
57.58		6174	-25.1	63.8	94.6	123.8	-85.2
8.07		6165	-26.8	-475.2	64.9	-17.6	-484.4
7.48		6176	47.9	-448.3	66.3	56.6	-457.1
43.09		6175	49.4	36.9	93.1	136.5	-50.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
61.68	Cent	-21395.7	1935.5	17714.7	11480.6	-30940.9
71.26	6174	-25165.5	-5844.7	7405.0	-3333.1	-27677.1
64.48	6165	-69208.1	-24096.6	27889.8	-10783.1	-82521.6
56.30	6176	6340.4	31422.1	30142.1	51528.1	-13765.6
50.62	6175	1524.2	5785.0	10725.2	14589.3	-7280.2

NODE	Vxx	Vyy
Cent	45.9	-57.1
6174	93.0	-14.5
6165	93.0	-104.9
6176	0.5	-94.7
6175	0.5	-14.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
17.32	INV TO~1	Max	Cent	1285.8	280.2	666.6	1394.2	171.8
10.54			6174	2272.7	218.8	729.8	2346.4	145.1
9.22			6165	2272.3	477.8	603.5	2320.9	429.3
37.40			6176	361.2	458.0	609.8	733.7	101.8
42.19			6175	363.0	171.0	723.5	926.4	-135.8
-41.72		Min	Cent	-970.9	-1016.4	-516.9	-794.5	-1192.8
			6174	-1827.8	14.8	-523.8	34.2	-1847.2

PROJECT TITLE :

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	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-84.17			6165	-1832.6	-2205.3	-511.7	-1740.2	-2297.7
-24.03			6176	-151.6	-2086.9	-512.2	-129.9	-2108.7
-6.02			6175	-147.4	-15.6	-523.0	120.4	-538.5
-54.53								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	-4096.8	43044.6	66469.2	87645.5	-49318.4
54.08			6174	33194.8	5100.3	48933.5	67897.9	-27648.3
37.66			6165	-44195.0	26007.3	97080.2	90291.4	-112836.0
54.18			6176	39979.0	140753.3	90218.1	191938.3	-12883.1
60.01			6175	23541.6	30121.9	41493.8	68061.5	-14102.7
47.01		Min	Cent	-67625.7	-28855.6	-16726.0	-24351.4	-73437.2
-71.79			6174	-101719.7	-21878.4	-34581.1	-11690.5	-111907.6
-71.41			6165	-196667.9	-90324.2	-17702.0	-88512.8	-199395.9
-82.40			6176	-8517.5	-23214.5	5157.8	-5905.5	-25604.9
26.86			6175	-14549.1	-9158.8	-10211.9	-2201.1	-22148.1
-51.21								

			NODE	Vxx	Vyy
	Max	Cent	6174	213.1	-15.7
			6165	414.8	16.2
			6176	414.8	-41.3
			6175	30.1	-46.7
			6175	30.1	16.2
	Min	Cent	6174	-46.2	-178.8
			6174	-75.3	-68.8
			6165	-75.3	-315.1
			6176	-25.7	-271.1
			6175	-25.7	-68.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~2	Max	Cent	1285.8	280.2	787.4	1394.2	171.8
17.32			6174	2272.7	357.9	888.6	2346.4	145.1
10.54			6165	2272.3	477.8	686.1	2320.9	429.3
9.22			6176	361.2	458.0	696.2	733.7	101.8
37.40			6175	363.0	175.1	878.5	999.8	-135.8
46.81		Min	Cent	-970.9	-1478.5	-516.9	-794.5	-1969.2
-41.72			6174	-1827.8	14.8	-523.8	34.2	-1850.0
-84.17			6165	-1832.6	-3315.0	-511.7	-1740.2	-3545.5
-24.03			6176	-151.6	-3132.2	-512.2	-129.9	-3277.7
-6.02								

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58.53	Max	Cent	9407.2	59370.0	48916.3	89314.6	-20537.5
48.25			6165	19018.3	27128.9	35626.9	58930.5
50.41			6164	19094.7	37986.6	49456.0	78890.7
59.22			6177	31254.9	99158.2	62675.1	136486.9
61.75			6176	13756.7	79486.4	49665.8	106176.4
-52.09	Min	Cent	-31404.3	-23735.4	-15183.5	-11909.6	-43230.1
-67.01			6165	-51271.0	-27610.4	-12241.9	-22416.6
-71.87			6164	-51732.2	-15941.6	-13127.9	-11642.6
-40.61			6177	-18088.7	-24049.9	-19310.1	-1530.5
-44.99			6176	-33737.7	-33747.2	-16849.5	-16892.9

		NODE	Vxx	Vyy
Max	Cent		41.1	16.2
		6165	46.5	29.9
		6164	53.5	6.7
		6177	35.5	9.8
		6176	39.8	29.7
Min	Cent		-52.9	-100.4
		6165	-43.4	-121.5
		6164	-46.8	-77.3
		6177	-68.1	-89.8
		6176	-68.4	-124.1

ANGLE		LC	NODE	Fxx	Fyy	Fxy	Fmax
-----							Fmin
19.01	c mob-b	Max	Cent	317.4	65.2	98.6	351.4
16.96				6165	457.9	135.0	108.5
12.59				6164	405.8	23.2	89.9
20.55				6177	222.9	20.3	88.4
37.08				6176	211.1	148.6	110.2
-12.79		Min	Cent	-298.2	-1059.8	-182.3	-256.8
-21.16				6165	-472.4	-972.9	-227.8
-10.10				6164	-420.9	-1195.5	-142.5
-7.30				6177	-181.0	-1221.4	-135.5
-15.02				6176	-147.6	-960.5	-235.1

ANGLE			NODE	Mxx	Myy	Mxy	Mmax
-----							Mmin
58.57		Max	Cent	8665.4	58426.1	48543.7	88094.1
				6165	20203.1	29028.7	35858.9
							60745.3
							-21002.6
							-11513.5

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

48.51			6164	13066.6	36650.8	48648.9	74916.3	-25198.9
51.81			6177	24030.9	96570.3	61470.1	131673.3	-11072.1
60.27			6176	15087.1	77087.5	49655.2	104624.9	-12450.3
60.99								
-51.46	Min	Cent		-31658.0	-24522.2	-15561.4	-12124.9	-44055.3
-64.62			6165	-51943.5	-30117.3	-13360.2	-23779.6	-58281.3
-71.14			6164	-50727.1	-15493.9	-13623.2	-10840.9	-55380.2
-34.98			6177	-11266.8	-24299.4	-17872.9	1240.7	-36806.8
-44.51			6176	-34730.9	-35313.7	-17085.1	-17934.7	-52109.8

	NODE	Vxx	Vyy
Max	Cent	32.8	13.7
	6165	42.1	23.0
	6164	48.1	9.4
	6177	26.2	10.2
	6176	29.2	23.6
Min	Cent	-45.5	-97.9
	6165	-39.2	-115.9
	6164	-41.2	-75.3
	6177	-61.8	-87.5
	6176	-60.3	-118.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.01	pp	Cent	-160.8	-2874.6	-441.6	-90.7	-2944.6
-14.20		6165	-348.5	-2315.4	-531.7	-213.9	-2450.0
-6.67		6164	-316.8	-3370.2	-361.8	-274.5	-3412.4
-5.71		6177	-23.5	-3459.6	-347.3	11.2	-3494.4
-12.73		6176	67.6	-2225.9	-546.1	191.0	-2349.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
63.83	Cent	-69288.2	121038.1	123338.2	181657.9	-129908.1
60.64	6165	-120824.4	-13954.2	87970.7	35538.6	-170317.2
64.07	6164	-126293.6	76882.0	129367.7	139781.6	-189193.1
63.20	6177	29193.5	261404.9	157475.2	340949.3	-50350.9
65.39	6176	-59665.5	150867.6	122072.6	206792.8	-115590.6

	NODE	Vxx	Vyy
	Cent	-45.6	-275.9
	6165	9.1	-327.1
	6164	24.9	-210.5
	6177	-119.4	-244.6
	6176	-103.8	-334.1

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	Company		Client	
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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.40	vento -y	Cent	105.0	37.4	-21.8	111.5	31.0
-18.48		6165	168.2	88.4	-30.0	178.3	78.4
-5.29		6164	147.7	-7.9	-14.5	149.0	-9.2
-9.94		6177	57.0	-16.0	-13.2	59.3	-18.3
-65.56		6176	41.9	96.6	-31.3	110.8	27.6
			NODE	Mxx	Myy	Mxy	Mmax
-39.52		Cent	1300.7	608.9	-1785.6	2773.6	-864.0
-41.60		6165	1972.5	1601.2	-1558.9	3356.8	216.9
-40.34		6164	1437.0	829.6	-1851.5	3009.5	-743.0
-38.73		6177	892.9	27.4	-1946.2	2453.9	-1533.6
-37.85		6176	883.5	23.4	-1686.1	2193.5	-1286.6
		NODE	Vxx	Vyy			
		Cent	0.3	2.0			
		6165	0.9	3.1			
		6164	0.6	1.1			
		6177	0.0	1.0			
		6176	-0.3	3.0			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-16.63	cedime~1	Cent	386.3	88.7	-97.6	415.5	59.5
-19.31		6165	611.4	287.1	-129.6	656.8	241.7
-6.25		6164	537.4	-87.2	-69.3	545.0	-94.8
-10.50		6177	215.2	-118.9	-64.1	227.1	-130.8
-60.08		6176	162.3	318.8	-134.7	396.3	84.8
			NODE	Mxx	Myy	Mxy	Mmax
-74.52		Cent	-1726.5	6842.3	-2569.9	7554.0	-2438.1
-68.12		6165	1058.8	5907.0	-2322.1	6839.8	126.0
-73.79		6164	-3408.3	5586.7	-2857.1	6417.5	-4239.0
-76.56		6177	-1276.2	9306.8	-2682.2	9947.8	-1917.2
		6176	-3490.4	6353.7	-1847.0	6688.9	-3825.5

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-79.72

NODE	Vxx	Vyy
Cent	2.1	-3.5
6165	6.2	-2.2
6164	5.9	-3.5
6177	-1.8	-5.4
6176	-2.2	-2.8

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-9.29	perm	Cent	43.8	-661.5	-118.6	63.2	-680.9
-14.43		6165	37.2	-492.1	-145.9	74.8	-529.6
-6.31		6164	32.1	-811.7	-94.4	42.5	-822.2
-5.74		6177	47.4	-838.8	-90.0	56.5	-847.9
-14.89		6176	60.3	-465.0	-150.3	100.3	-504.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
64.06	Cent	-23408.1	32075.5	35359.8	49277.2	-40609.9
60.66	6165	-37096.4	-5461.7	25987.7	9143.8	-51701.9
64.22	6164	-38092.4	20187.7	36717.5	37923.2	-55827.9
63.66	6177	2969.6	70556.7	44333.3	92507.5	-18981.3
65.66	6176	-21612.2	40517.2	35328.9	56496.5	-37591.6

NODE	Vxx	Vyy
Cent	-13.0	-76.9
6165	1.2	-92.1
6164	5.9	-58.0
6177	-32.7	-67.1
6176	-28.1	-93.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-3.45	INV TO~1 Max	Cent	876.1	-436.9	18.2	880.9	-441.7
-5.62		6165	1288.6	46.7	6.1	1300.8	34.6
-1.17		6164	1137.2	-734.4	29.2	1138.0	-735.0
-1.28		6177	583.0	-767.9	31.2	583.7	-768.8
-16.77		6176	523.1	129.8	4.3	562.3	90.6
-12.14	Min	Cent	-518.7	-2222.3	-481.8	-436.1	-2305.0
-19.22		6165	-751.9	-1944.3	-602.8	-586.9	-2109.3
		6164	-669.3	-2574.0	-372.0	-620.2	-2629.4

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-9.21			6177	-413.8	-2662.9	-355.8	-374.6	-2713.3
-7.66			6176	-355.6	-1901.6	-622.2	-214.7	-2042.5
-16.12								

ANGLE

NODE Mxx Myy Mxy Mmax Mmin

			-----	-----	-----	-----	-----	-----
		Max	Cent	-10708.5	119067.3	101396.8	172017.3	-65384.9
61.82				6165	-8763.5	39634.1	74397.2	-60593.7
54.28				6164	-12314.5	77056.4	103483.2	-80137.6
57.38				6177	45163.8	213727.1	128944.6	-23355.7
61.96				6176	-1244.6	154177.5	102377.6	-53345.8
64.16		Min	Cent	-67872.9	-1029.5	11782.0	1993.4	-69711.0
78.11				6165	-107220.1	-46120.1	5629.3	-108237.9
82.71				6164	-111339.1	-1333.4	15469.1	-113373.5
80.51				6177	-22726.4	37752.5	15582.4	-26757.9
74.16				6176	-71989.2	-7156.3	10417.1	-4795.3
79.10								

			NODE	Vxx	Vyy
	Max	Cent		44.6	-55.0
			6165	70.1	-51.8
			6164	84.1	-45.3
			6177	15.1	-53.3
			6176	25.6	-53.8
	Min	Cent		-84.5	-216.0
			6165	-57.4	-258.4
			6164	-57.3	-165.8
			6177	-126.6	-193.7
			6176	-122.7	-264.3

ANGLE

LC NODE Fxx Fyy Fxy Fmax Fmin

			-----	-----	-----	-----	-----	-----
	INV TO~2	Max	Cent	876.1	-436.9	18.2	880.9	-441.7
-3.45				6165	1288.6	46.7	6.1	1300.8
-5.62				6164	1137.2	-734.4	29.2	1138.0
-1.17				6177	583.0	-767.9	31.2	583.7
-1.28				6176	523.1	129.8	4.3	562.3
-16.77		Min	Cent	-518.7	-3880.7	-596.2	-436.1	-3975.2
-12.14				6165	-751.9	-3125.8	-717.8	-586.9
-19.22				6164	-669.3	-4549.7	-488.4	-620.2
-9.21				6177	-413.8	-4670.5	-468.9	-374.6
-7.66				6176	-355.6	-3005.0	-737.3	-214.7
-16.12								

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ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
		Max Cent	-10708.5	163401.4	166506.6	245238.2	-65384.9
63.83		6165	-8763.5	39634.1	118760.5	91464.3	-60593.7
54.28		6164	-12314.5	103790.7	174646.4	188705.1	-80137.6
64.07		6177	45163.8	352896.5	212591.5	460281.5	-23355.7
63.20		6176	-1244.6	203671.3	164798.0	279170.3	-53345.8
65.39		Min Cent	-93539.1	-1029.5	11782.0	1993.4	-175375.9
78.11		6165	-163112.9	-46120.1	5629.3	-45102.3	-229928.3
82.71		6164	-170496.3	-1333.4	15469.1	1729.2	-255410.7
80.51		6177	-22726.4	37752.5	15582.4	42933.8	-67973.7
74.16		6176	-80548.4	-7156.3	10417.1	-4795.3	-156047.3
79.10							

	NODE	Vxx	Vyy
Max	Cent	44.6	-55.0
	6165	70.1	-51.8
	6164	84.1	-45.3
	6177	15.1	-53.3
	6176	25.6	-53.8
Min	Cent	-84.5	-372.5
	6165	-57.4	-441.5
	6164	-57.3	-284.1
	6177	-161.2	-330.2
	6176	-140.2	-451.0

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
6375	1	5	c mob-a	Max Cent	141.8	16.6	38.4	152.6	5.8
15.77				6164	130.8	60.9	42.2	150.6	41.1
25.17				2713	130.9	53.4	34.7	144.2	40.2
20.92				3232	169.6	46.7	34.9	178.8	37.4
14.81				6177	169.2	54.8	41.9	183.0	41.1
18.12				Min Cent	-284.8	-1090.3	-817.0	223.3	-1598.4
-31.88				6164	-191.7	-1233.1	-812.1	252.3	-1677.1
-28.67				2713	-191.9	-1147.1	-821.8	281.0	-1620.0
-29.92				3232	-379.1	-1143.3	-821.5	144.8	-1667.3
-32.53				6177	-379.0	-1217.6	-812.4	115.9	-1712.6
-31.35									

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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52.63	Max	Cent	28597.7	59101.5	55877.8	101771.5	-14072.3
49.84		6164	16466.8	35082.4	54617.1	81179.1	-29629.9
54.90		2713	53499.9	88615.0	48749.4	122872.3	19242.6
47.84		3232	44714.3	55682.7	55216.6	105686.7	-5289.8
59.66		6177	12302.0	79931.6	60232.1	115191.8	-22958.1
-35.87	Min	Cent	-18150.2	-21516.8	-5099.9	-14463.0	-25204.0
-12.62		6164	-12299.1	-22187.2	-2330.7	-11777.3	-22709.0
-77.13		2713	-27014.6	-13946.9	-3150.2	-13227.1	-27734.4
-46.17		3232	-33945.0	-33262.1	-8383.6	-25212.9	-41994.1
-32.54		6177	-19991.1	-28624.4	-9289.9	-14063.9	-34551.5

		NODE	Vxx	Vyy
Max	Cent		36.9	22.5
	6164		31.4	12.7
	2713		31.4	91.2
	3232		43.3	91.2
	6177		43.3	12.4
Min	Cent		-58.7	-23.7
	6164		-52.9	-81.3
	2713		-52.9	-29.6
	3232		-65.8	-29.6
	6177		-65.8	-81.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
7.84	c mob-b	Max	Cent	131.0	13.2	16.5	133.3	10.9
10.61			6164	124.4	29.9	18.3	127.8	26.4
11.91			2713	124.5	57.1	14.9	127.6	53.9
9.14			3232	142.0	51.3	15.0	144.4	48.9
8.89			6177	141.7	28.0	18.2	144.6	25.2
-30.48		Min	Cent	-158.6	-1028.6	-783.6	302.6	-1489.9
-28.08			6164	-129.3	-1172.8	-778.4	286.0	-1588.1
-31.44			2713	-129.0	-936.9	-788.9	353.3	-1419.2
-32.32			3232	-194.6	-942.0	-788.6	304.3	-1440.9
-29.09			6177	-194.7	-1161.2	-778.7	238.5	-1594.4

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
54.66	Max	Cent	19521.5	57722.4	54471.0	96344.7	-19100.8
51.17		6164	12079.2	35291.0	53032.0	77972.2	-30602.0
		2713	43531.0	84997.0	46733.7	115390.3	13137.8

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56.96							
		3232	26720.4	51994.5	53378.4	94211.4	-15496.4
51.66							
		6177	10090.8	77119.2	58815.4	111298.8	-24088.8
59.84							
	Min	Cent	-11640.1	-20312.0	-5004.1	-9354.7	-22597.4
-24.55							
		6164	-9763.5	-22249.6	-2761.3	-9180.1	-22833.0
-11.93							
		2713	-17181.9	-10301.9	-2500.4	-9489.2	-17994.6
-71.99							
		3232	-22374.0	-25109.2	-7363.8	-16251.9	-31231.3
-39.74							
		6177	-19516.1	-29160.5	-7674.7	-15274.4	-33402.2
-28.93							

		NODE	Vxx	Vyy
	Max	Cent	25.1	20.0
		6164	24.0	12.3
		2713	24.0	80.4
		3232	26.3	80.4
		6177	26.3	12.4
	Min	Cent	-47.9	-24.3
		6164	-44.5	-79.2
		2713	-44.5	-27.5
		3232	-51.2	-27.5
		6177	-51.2	-79.3

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	pp	Cent	-51.7	-2831.6	-2283.6	1231.7	-4114.9
-29.34							
		6164	-98.5	-3310.1	-2268.8	1075.3	-4483.8
-27.36							
		2713	-97.6	-2353.0	-2298.3	1334.8	-3785.4
-31.93							
		3232	-6.0	-2382.2	-2297.4	1392.4	-3780.5
-31.33							
		6177	-6.8	-3280.9	-2269.7	1154.6	-4442.3
-27.10							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	19048.7	133910.2	154682.9	241479.7	-88520.8
55.18							
		6164	-1211.0	38862.6	151221.9	171369.4	-133717.8
48.77							
		2713	82908.1	234700.4	132616.4	311602.6	6005.9
59.89							
		3232	16092.8	87714.1	150942.1	207035.4	-103228.5
51.67							
		6177	-19515.8	173342.3	164901.3	267939.4	-114113.0
60.16							

		NODE	Vxx	Vyy
		Cent	-79.1	-3.9
		6164	-75.3	-220.6
		2713	-75.3	213.0
		3232	-82.9	213.0
		6177	-82.9	-221.0

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-28.31	vento -y	Cent	27.5	-20.7	-36.6	47.2	-40.4
-29.18		6164	37.8	-7.8	-37.0	58.4	-28.5
-22.69		2713	37.8	-33.7	-36.2	52.9	-48.8
-27.61		3232	17.4	-32.9	-36.2	36.4	-51.8
-35.30		6177	17.5	-8.6	-37.0	43.6	-34.8
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-53.50		Cent	131.8	1090.3	-1567.3	2250.0	-1027.9
-53.87		6164	621.9	1507.7	-1385.1	2519.0	-389.4
-38.67		2713	-124.6	-846.7	-1606.2	1160.7	-2131.9
-66.22		3232	92.4	3008.7	-1594.1	3710.9	-609.8
-52.85		6177	-53.0	716.6	-1369.3	1754.2	-1090.5
ANGLE		NODE	Vxx	Vyy			

		Cent	0.5	-2.5			
		6164	0.5	1.1			
		2713	0.5	-6.1			
		3232	0.5	-6.1			
		6177	0.5	1.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-28.16	cedime~1	Cent	116.6	-115.0	-173.8	209.6	-208.0
-28.24		6164	153.6	-78.1	-174.9	247.6	-172.1
-24.25		2713	153.6	-151.9	-172.6	231.3	-229.7
-28.17		3232	80.4	-149.6	-172.7	172.9	-242.1
-32.65		6177	80.4	-80.4	-174.9	192.5	-192.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

-86.80		Cent	-4909.8	8562.8	-756.4	8605.2	-4952.1
87.67		6164	-1334.8	6932.9	336.8	6946.6	-1348.5
-75.03		2713	-4344.5	2835.7	-2067.7	3388.6	-4897.3
-86.60		3232	-7154.3	15644.7	-1360.6	15725.6	-7235.2
86.99		6177	-6641.5	8924.3	821.3	8967.5	-6684.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

NODE	Vxx	Vyy
Cent	3.3	-12.9
6164	3.7	-4.5
2713	3.7	-21.3
3232	2.9	-21.3
6177	2.9	-4.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-29.01	perm	Cent	14.4	-696.7	-569.2	330.0	-1012.3
-27.27		6164	8.2	-798.2	-566.1	300.0	-1090.0
-31.10		2713	8.4	-595.2	-572.4	353.6	-940.4
-30.74		3232	20.5	-601.3	-572.2	360.8	-941.6
-27.18		6177	20.3	-792.0	-566.3	311.1	-1082.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
55.81	Cent	1043.8	35248.0	43160.8	64571.6	-28279.7
49.13	6164	-3134.8	9195.8	42458.3	45934.2	-39873.1
60.57	2713	18677.3	63068.3	36728.6	83787.0	-2041.4
52.82	3232	-860.8	22613.9	41929.9	54418.3	-32665.2
60.51	6177	-9903.8	45840.2	46339.4	72044.0	-36107.6

NODE	Vxx	Vyy
Cent	-20.0	-1.2
6164	-18.5	-60.5
2713	-18.5	58.3
3232	-21.5	58.3
6177	-21.5	-60.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-30.60	INV TO~1 Max	Cent	322.4	-674.2	-517.4	838.1	-913.4
-28.19		6164	338.4	-716.0	-509.2	887.6	-945.4
-29.67		2713	338.7	-518.1	-525.5	959.4	-798.8
-31.54		3232	329.8	-532.1	-525.0	726.7	-795.8
-30.10		6177	329.3	-718.0	-509.7	654.5	-937.0
-24.81	Min	Cent	-370.1	-2283.6	-1845.9	445.0	-3375.1
-24.25		6164	-250.6	-2541.0	-1837.4	414.2	-3525.6
-28.11		2713	-250.7	-2295.6	-1854.5	465.8	-3352.1
		3232	-491.3	-2294.5	-1853.9	513.1	-3432.1

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-26.67
-29.84

6177 -491.3 -2516.2 -1837.9 462.9 -3581.5

ANGLE NODE Mxx Myy Mxy Mmax Mmin

		Max	Cent	39650.7	123597.8	118595.9	205106.0	-46767.3
55.33			6164	19095.4	63771.7	116528.2	159543.6	-56722.0
50.58			2713	90902.2	185534.2	102540.3	249144.3	24456.4
57.06			3232	59503.4	113430.2	116472.3	201983.8	-36204.5
52.43			6177	6704.0	162672.1	128474.0	233406.9	-55364.4
61.16		Min	Cent	-28368.8	6200.3	35519.7	30560.8	-48356.8
56.12			6164	-21073.3	-20841.2	38730.5	18444.6	-79746.9
44.59			2713	-22136.8	44239.9	30408.1	58131.2	-33598.4
66.84			3232	-53840.8	-22289.9	29251.4	-1535.3	-67826.3
55.86			6177	-43533.2	6473.6	33798.1	24946.2	-70672.3
61.34								

		NODE	Vxx	Vyy
Max	Cent		33.1	29.2
	6164		27.6	-43.4
	2713		27.6	181.3
	3232		39.9	181.3
	6177		39.9	-43.9
Min	Cent		-99.3	-46.9
	6164		-89.9	-174.7
	2713		-89.9	-3.0
	3232		-110.3	-3.0
	6177		-110.3	-175.1

ANGLE LC NODE Fxx Fyy Fxy Fmax Fmin

		Max	Cent	322.4	-674.2	-517.4	1662.7	-913.4
-29.34	INV TO~2		6164	338.4	-716.0	-509.2	1451.6	-945.4
-27.36			2713	338.7	-518.1	-525.5	1802.0	-798.8
-31.93			3232	329.8	-532.1	-525.0	1879.7	-795.8
-31.33			6177	329.3	-718.0	-509.7	1558.7	-937.0
-27.10		Min	Cent	-370.1	-3822.6	-3082.8	445.0	-5555.2
-24.81			6164	-250.6	-4468.6	-3062.9	414.2	-6053.2
-24.25			2713	-250.7	-3176.6	-3102.8	465.8	-5110.3
-28.11			3232	-491.3	-3216.0	-3101.5	513.1	-5103.7
-26.67			6177	-491.3	-4429.2	-3064.1	462.9	-5997.2
-29.84								

NODE Mxx Myy Mxy Mmax Mmin

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

		Max	Cent	39650.7	180778.8	208821.9	325997.6	-46767.3
55.18			6164	19095.4	63771.7	204149.6	231348.7	-56722.0
48.77			2713	111925.9	316845.6	179032.2	420663.6	24456.4
59.89			3232	59503.4	118414.0	203771.9	279497.8	-36204.5
51.67			6177	6704.0	234012.1	222616.8	361718.2	-55364.4
60.16		Min	Cent	-28368.8	6200.3	35519.7	30560.8	-119503.1
56.12			6164	-21073.3	-20841.2	38730.5	18444.6	-180519.0
44.59			2713	-22136.8	44239.9	30408.1	58131.2	-33598.4
66.84			3232	-53840.8	-22289.9	29251.4	-1535.3	-139358.5
55.86			6177	-43533.2	6473.6	33798.1	24946.2	-154052.5
61.34								

	NODE	Vxx	Vyy
Max	Cent	33.1	29.2
	6164	27.6	-43.4
	2713	27.6	287.6
	3232	39.9	287.6
	6177	39.9	-43.9
Min	Cent	-106.8	-46.9
	6164	-101.6	-297.8
	2713	-101.6	-3.0
	3232	-111.9	-3.0
	6177	-111.9	-298.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6376	1	5	c mob-a	Max	Cent	29.5	9.9	811.9	831.7	-792.3
44.65					3231	255.9	79.0	804.2	976.5	-641.6
41.86					6166	256.1	463.0	819.7	1185.7	-466.7
48.60					5898	379.4	431.3	819.3	1225.0	-414.4
45.91					5897	378.4	72.2	804.6	1044.4	-593.8
39.61				Min	Cent	-336.2	-792.9	-50.3	-330.7	-798.4
-6.22					3231	-533.6	-1372.5	-50.5	-530.6	-1375.5
-3.43					6166	-532.6	-592.0	-50.3	-503.9	-620.7
-29.71					5898	-886.1	-597.6	-50.3	-589.0	-894.6
-80.40					5897	-886.6	-1331.9	-50.5	-880.9	-1337.5
-6.38										

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	16667.9	179872.2	20893.3	182504.5	14035.7
82.82						

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

82.67		3231	58406.2	189967.7	17202.1	192179.7	56194.2
83.02		6166	7012.1	59836.5	6563.0	60639.7	6209.0
61.79		5898	29482.1	101667.5	54380.1	130842.6	307.1
84.36		5897	12807.3	430993.8	41722.5	435115.8	8685.3
-39.28	Min	Cent	-26639.1	-47490.3	-51544.7	15523.8	-89653.2
-27.98		3231	-45624.2	-64559.3	-14011.9	-38181.2	-72002.4
-48.92		6166	-34103.1	-31194.2	-10556.9	-21992.0	-43305.2
-39.73		5898	-15076.1	-58799.7	-117512.4	82590.8	-156466.6
-31.52		5897	-61395.9	-157382.8	-94378.0	-3509.3	-215269.4

	NODE	Vxx	Vyy
Max	Cent	12.9	52.6
	3231	60.3	162.6
	6166	60.3	61.1
	5898	63.7	69.6
	5897	63.7	162.6
Min	Cent	-94.5	-198.7
	3231	-49.1	-406.7
	6166	-49.1	-72.3
	5898	-204.6	-74.3
	5897	-204.6	-406.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.57	c mob-b	Max	Cent	29.8	6.1	789.7	807.8	-771.8
41.71			3231	257.9	77.3	782.1	954.9	-619.7
47.85			6166	258.0	416.9	797.3	1138.8	-463.8
46.31			5898	316.5	389.6	796.9	1150.8	-444.7
40.54			5897	315.7	69.9	782.5	984.9	-599.3
-6.33		Min	Cent	-314.1	-684.7	-41.6	-309.4	-689.3
-2.99			3231	-432.8	-1170.2	-38.7	-430.8	-1172.2
-11.28			6166	-431.9	-650.9	-45.5	-422.8	-660.0
-75.99			5898	-821.5	-651.4	-45.3	-640.1	-832.8
-6.88			5897	-821.9	-1138.5	-38.8	-817.2	-1143.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
82.06	Max	Cent	10722.1	171262.1	22843.4	174449.2	7535.0	
84.97			3231	40445.8	181966.0	12541.3	183068.8	39343.0
83.89			6166	5994.7	59131.7	5752.4	59747.3	5379.1
			5898	29345.4	109846.3	60743.9	142465.0	-3273.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

61.76							
83.45		5897	9913.5	407699.5	46278.8	413012.6	4600.3
-39.33	Min	Cent	-24137.6	-43630.4	-48623.2	15706.4	-83474.4
-34.31		3231	-51010.5	-63012.9	-15324.7	-40553.8	-73469.6
-49.55		6166	-30526.9	-27418.9	-9706.4	-19142.9	-38802.9
-40.65		5898	-12317.3	-45868.5	-109533.0	81717.3	-139903.1
-30.00		5897	-56290.6	-160304.3	-90102.1	-4263.3	-212331.6

	NODE	Vxx	Vyy
Max	Cent	7.8	50.5
	3231	44.0	170.9
	6166	44.0	38.5
	5898	65.7	46.4
	5897	65.7	170.9
Min	Cent	-90.4	-187.6
	3231	-55.1	-381.5
	6166	-55.1	-86.6
	5898	-196.6	-88.8
	5897	-196.6	-381.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.78	pp	Cent	-856.3	-2023.4	2267.7	901.7	-3781.4
27.09		3231	507.6	-2733.6	2245.7	1656.4	-3882.4
34.15		6166	509.0	-1313.2	2289.6	2062.1	-2866.3
50.20		5898	-2193.7	-1354.0	2288.3	552.6	-4100.4
41.84		5897	-2195.0	-2692.8	2247.0	-183.2	-4704.6

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-76.67	Cent	-35106.0	467028.1	-126093.7	496913.5	-64991.4
86.59	3231	38879.5	496289.7	27331.8	497917.1	37252.1
-84.02	6166	-70938.4	105550.6	-18690.0	107508.2	-72895.9
-51.79	5898	30373.6	168334.8	-285586.0	393152.9	-194444.5
-79.50	5897	-136008.9	1101232.0	-237359.9	1145205.7	-179982.5

	NODE	Vxx	Vyy
	Cent	-239.5	-505.2
	3231	50.1	-1020.3
	6166	50.1	-8.0
	5898	-523.5	27.4
	5897	-523.5	-1020.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	vento -y	Cent	23.1	15.3	-13.3	33.1	5.4
-36.76		3231	-26.0	37.1	-12.6	39.6	-28.4
-79.12		6166	-26.0	-6.5	-13.9	0.7	-33.3
-62.47		5898	71.3	-5.3	-13.9	73.8	-7.7
-9.98		5897	71.4	35.9	-12.6	75.4	31.8
-17.73							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	754.9	-2527.4	-400.0	803.0	-2575.5
-6.85		3231	340.8	-1351.4	-1445.8	1169.8	-2180.4
-29.83		6166	299.9	-1119.9	-848.5	696.3	-1516.3
-25.04		5898	2450.8	786.2	947.1	2879.3	357.7
24.34		5897	-90.7	-8469.0	350.5	-76.1	-8483.6
2.39							
		NODE	Vxx	Vyy			

		Cent	-0.4	4.2			
		3231	0.1	11.2			
		6166	0.1	-2.8			
		5898	-1.0	-2.7			
		5897	-1.0	11.2			

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

	cedime~1	Cent	-17.7	-46.0	80.3	49.7	-113.5
40.01		3231	-366.3	-320.1	71.9	-267.7	-418.7
53.91		6166	-365.8	228.0	88.8	241.0	-378.8
81.68		5898	324.0	212.3	88.3	372.7	163.7
28.84		5897	323.5	-304.4	72.4	331.8	-312.6
6.49							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	8004.0	-9014.1	-2481.4	8358.4	-9368.6
-8.13		3231	3272.5	-1912.8	-10253.2	11255.7	-9896.1
-37.90		6166	4657.0	-794.6	-5503.2	8072.5	-4210.0
-31.83		5898	22846.9	17556.0	7605.8	28254.2	12148.7
35.41		5897	1118.9	-51233.0	2801.2	1268.4	-51382.5
3.05							
		NODE	Vxx	Vyy			

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

Cent	-6.9	25.9
3231	-1.8	77.9
6166	-1.8	-26.4
5898	-11.8	-25.8
5897	-11.8	77.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
37.31	perm	Cent	-208.7	-548.3	617.6	262.0	-1018.9
27.57		3231	84.9	-766.3	610.8	403.8	-1085.2
35.80		6166	85.3	-330.2	624.3	535.5	-780.4
48.51		5898	-496.5	-342.8	623.9	209.0	-1048.2
39.07		5897	-496.9	-753.8	611.2	-0.7	-1249.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-76.91	Cent	-6105.5	123456.8	-31859.8	130867.4	-13516.1
86.28	3231	12582.3	130032.9	7659.0	130530.3	12084.9
-84.90	6166	-15656.2	29494.8	-4061.0	29857.2	-16018.6
-51.96	5898	10518.9	46715.6	-73001.1	103828.4	-46593.8
-79.59	5897	-31158.9	288439.5	-60742.5	299594.8	-42314.2

NODE	Vxx	Vyy
Cent	-61.0	-132.8
3231	12.9	-266.5
6166	12.9	-3.6
5898	-133.5	5.4
5897	-133.5	-266.5

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
41.86	INV TO~1	Max	Cent	-168.4	-534.9	1794.0	1421.3	-1869.1
36.08			3231	433.0	-659.6	1768.4	1669.0	-1895.6
48.56			6166	433.6	522.8	1819.7	2129.2	-1368.2
45.88			5898	339.7	451.8	1818.2	2214.9	-1423.3
34.93			5897	337.5	-656.3	1769.9	1573.6	-2051.4
24.49		Min	Cent	-680.3	-1664.8	549.6	-412.2	-2188.4
16.20			3231	-1001.9	-2939.3	542.7	-823.4	-3117.8
45.41			6166	-999.5	-1208.9	556.4	-344.9	-1635.5
			5898	-1692.7	-1222.2	556.0	-853.7	-2061.2
56.47			5897	-1693.7	-2856.2	543.1	-1430.6	-3078.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

25.85

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	24400.2	366284.2	-1021.3	366287.2	24363.4
-89.83		3231	94703.1	386489.3	30881.8	389686.8	93242.5
84.09		6166	-1532.8	110274.1	4799.0	110471.5	-1537.3
87.64		5898	73166.7	212564.1	16608.9	223430.4	71215.2
-43.20		5897	-12750.1	870281.2	4535.1	870284.6	-12774.9
89.89	Min	Cent	-42068.3	50330.8	-103926.6	120300.0	-104773.7
-56.05		3231	-56281.9	40965.0	-23282.6	44561.3	-58461.5
-82.64		6166	-61695.4	-13411.9	-23815.9	-6537.4	-67775.3
-71.63		5898	-9833.9	-32663.9	-231642.9	195566.2	-253172.8
86.45		5897	-114043.3	20795.7	-188152.8	150977.5	-243106.2
-54.92							

		NODE	Vxx	Vyy
Max	Cent		-43.7	-35.9
		3231	94.3	42.2
		6166	94.3	78.8
		5898	-44.8	99.4
		5897	-44.8	42.2
Min	Cent		-195.5	-401.1
		3231	-63.4	-815.5
		6166	-63.4	-147.0
		5898	-421.5	-140.3
		5897	-421.5	-815.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
	INV TO~2	Max	Cent	-168.4	-534.9	3061.3	1421.3	-1869.1
41.86			3231	685.3	-659.6	3031.7	2236.2	-1895.6
27.09			6166	687.1	522.8	3090.9	2783.8	-1368.2
34.15			5898	339.7	451.8	3089.2	2214.9	-1423.3
45.88			5897	337.5	-656.3	3033.4	1573.6	-2051.4
34.93		Min	Cent	-1156.1	-2731.6	549.6	-412.2	-5104.9
24.49			3231	-1001.9	-3690.3	542.7	-823.4	-5241.2
16.20			6166	-999.5	-1772.8	556.4	-344.9	-3869.5
45.41			5898	-2961.5	-1827.9	556.0	-853.7	-5535.5
56.47			5897	-2963.3	-3635.2	543.1	-1430.6	-6351.2
25.85								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

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-76.67          Max   Cent   24400.2   630487.9   -1021.3   670833.2   24363.4
                3231   94703.1   669991.1   36897.9   672188.1   93242.5
 86.59          6166   -1532.8   142493.3   4799.0    145136.0   -1537.3
-84.02          5898   73166.7   227251.9   16608.9   530756.5   71215.2
-51.79          5897  -12750.1  1486663.2   4535.1  1546027.7  -12774.9
-79.50          Min   Cent   -47393.1   50330.8  -170226.5  120300.0  -104773.7
-56.05          3231  -56281.9   40965.0   -23282.6   44561.3   -58461.5
-82.64          6166  -95766.8  -13411.9   -25231.5   -6537.4   -98409.5
-71.63          5898   -9833.9   -32663.9  -385541.1  195566.2  -262500.1
 86.45          5897 -183612.0   20795.7  -320435.9  150977.5  -243106.2
-54.92
  
```

```

                NODE      Vxx      Vyy
-----
  Max   Cent      -43.7     -35.9
        3231       94.3      42.2
        6166       94.3      78.8
        5898      -44.8      99.4
        5897      -44.8      42.2
  Min   Cent     -323.3    -682.0
        3231      -63.4    -1377.4
        6166      -63.4    -147.0
        5898     -706.7    -140.3
        5897     -706.7    -1377.4
  
```

```

ELEM  MAT  SEC      LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
 6377   1    5   c mob-a  Max   Cent      145.0     310.8     304.0     543.0     -87.3
                6166     238.2     511.0     299.9     704.1      45.1
 52.63          6167     238.4     140.0     308.1     501.2    -122.9
 57.23          5899     583.9     127.0     308.5     739.3     -28.4
 40.46          5898     584.3     527.7     299.6     856.9     255.1
 26.74          Min   Cent     -98.5    -374.0    -173.4     -14.8    -457.7
 42.30          6166    -363.9    -490.5    -167.0    -248.6    -605.8
-25.77          6167    -364.2    -314.3    -179.8    -157.8    -520.8
-34.62          5899    -381.3    -311.4    -180.3    -162.7    -530.0
-48.95          5898    -381.6    -500.1    -166.5    -264.1    -617.6
-50.49
-35.21
                NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
 77.51          Max   Cent     11467.8   72452.8   14201.1   75597.5   8323.0
                6166     38975.1   64382.4   11989.1   69146.5   34211.0
 68.33
  
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

71.93		6167	10049.3	54267.8	16145.8	59535.7	4781.4
74.70		5899	28378.4	86310.2	17135.1	90998.9	23689.7
75.76		5898	33542.1	99455.8	17876.2	103991.8	29006.1
-33.06	Min	Cent	-17889.5	-41578.5	-26758.7	-471.1	-58996.9
-43.72		6166	-25680.5	-27549.3	-20952.5	-5641.6	-47588.2
-42.56		6167	-25065.1	-29823.3	-27874.4	531.5	-55420.0
-29.51		5899	-8760.3	-44025.2	-29378.2	7870.7	-60656.1
-45.32		5898	-70336.5	-69799.9	-24104.4	-45962.3	-94174.1

	NODE	Vxx	Vyy
Max	Cent	16.2	44.7
	6166	82.2	61.2
	6167	82.2	28.3
	5899	67.3	28.3
	5898	67.3	68.3
Min	Cent	-48.2	-60.7
	6166	-44.7	-73.6
	6167	-44.7	-51.4
	5899	-167.5	-51.4
	5898	-167.5	-75.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
51.40	c mob-b	Max	Cent	152.2	284.1	290.1	515.6	-79.4
55.16			6166	244.4	456.5	286.5	655.9	45.0
38.79			6167	244.5	115.3	293.8	480.7	-120.9
27.45			5899	515.6	102.4	294.1	668.4	-50.4
42.73			5898	515.9	470.4	286.2	780.2	206.0
-16.51		Min	Cent	-74.0	-487.2	-134.3	-34.2	-527.1
-23.87			6166	-308.6	-543.1	-129.0	-251.5	-600.2
-32.74			6167	-308.9	-436.3	-139.6	-219.2	-526.1
-34.56			5899	-326.1	-432.9	-140.0	-229.6	-529.3
-24.61			5898	-326.2	-548.1	-128.6	-267.3	-607.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
78.92	Max	Cent	10134.8	74177.4	13044.2	76732.3	7579.9
72.24		6166	29536.2	63391.9	12086.1	67263.7	25664.4
71.26		6167	6598.5	49934.8	16620.2	55574.9	958.4
77.61		5899	28454.0	84964.5	13039.4	87828.1	25590.3
		5898	36805.1	111043.1	11061.4	112656.2	35192.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

81.70								
	Min	Cent	-14985.2	-34885.8	-23662.6	734.1	-50605.1	
-33.60								
		6166	-27128.5	-23535.6	-19303.3	-5945.4	-44718.7	
-47.66								
		6167	-22200.5	-26256.1	-25830.0	1681.2	-50137.8	
-42.76								
		5899	-7376.2	-36321.1	-25171.6	7186.8	-50884.2	
-30.05								
		5898	-64375.8	-54195.9	-21976.8	-36727.3	-81844.4	
-51.52								

		NODE	Vxx	Vyy
	Max	Cent	14.0	30.2
		6166	71.9	38.4
		6167	71.9	20.7
		5899	63.6	20.7
		5898	63.6	45.0
	Min	Cent	-44.9	-70.5
		6166	-46.2	-88.3
		6167	-46.2	-53.3
		5899	-156.4	-53.3
		5898	-156.4	-89.6

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							
	pp	Cent	111.2	-687.6	821.5	625.3	-1201.6
32.04							
		6166	450.8	-967.8	812.8	820.3	-1337.3
24.45							
		6167	451.3	-407.4	830.1	956.5	-912.7
31.33							
		5899	-237.1	-384.9	830.8	523.1	-1145.2
42.46							
		5898	-237.7	-990.3	812.2	281.1	-1509.1
32.57							

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							
		Cent	-19050.3	115755.6	-48421.1	131345.2	-34639.8
-72.15							
		6166	49953.5	132713.3	-34307.0	145085.2	37581.5
-70.17							
		6167	-44281.4	78422.8	-48731.6	95421.6	-61280.1
-70.77							
		5899	55166.2	152396.6	-55254.6	177378.4	30184.5
-65.67							
		5898	-138446.1	98890.5	-36079.1	104253.9	-143809.5
-81.54							

		NODE	Vxx	Vyy
		Cent	-106.0	-42.3
		6166	160.4	-14.8
		6167	160.4	-86.2
		5899	-379.4	-86.2
		5898	-379.4	18.5

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

	Company	Client	File Name	
-15.67	vento -y	Cent	30.3	-17.6 -14.6 34.4 -21.7
-66.71		6166	-28.7	-2.0 -14.1 4.1 -34.8
-40.73		6167	-28.7	-33.2 -15.1 -15.7 -46.2
-6.78		5899	90.9	-34.5 -15.1 92.7 -36.3
-8.54		5898	90.9	-0.7 -14.1 93.1 -2.8
		NODE	Mxx	Myy Mxy Mmax Mmin
-----		Cent	382.6	-313.3 -1108.4 1196.4 -1127.1
-36.29		6166	-327.7	-1190.4 -1198.5 514.7 -2032.8
-35.10		6167	-174.9	-1143.0 -880.9 346.2 -1664.1
-30.61		5899	1484.9	335.6 -1036.7 2095.6 -275.0
-30.50		5898	550.4	749.3 -1322.1 1975.7 -676.0
-47.15		NODE	Vxx	Vyy
		Cent	-1.2	-2.3
		6166	-0.3	-2.8
		6167	-0.3	-1.8
		5899	-2.1	-1.8
		5898	-2.1	-2.6
	LC	NODE	Fxx	Fyy Fxy Fmax Fmin
-----	cedime~1	Cent	93.9	121.8 -88.5 197.4 18.3
-49.48		6166	-293.0	281.8 -83.5 293.7 -304.8
-81.90		6167	-293.3	-38.2 -93.4 -7.6 -323.8
-71.89		5899	490.8	-51.0 -93.8 506.6 -66.8
-9.55		5898	491.2	294.6 -83.1 521.6 264.2
-20.11		NODE	Mxx	Myy Mxy Mmax Mmin
-----		Cent	7352.1	5560.3 -5950.3 12473.5 438.8
-40.72		6166	828.1	-1426.7 -6102.1 5906.0 -6504.7
-39.77		6167	2548.4	-2760.7 -3265.3 4102.0 -4314.4
-25.45		5899	13822.2	8551.8 -6235.9 17956.9 4417.1
-33.55		5898	12219.6	17933.2 -8838.0 24364.6 5788.2
-53.96		NODE	Vxx	Vyy
		Cent	-5.5	-20.3
		6166	-3.8	-26.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

6167 -3.8 -14.4
 5899 -7.2 -14.4
 5898 -7.2 -26.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

29.24	perm	Cent	73.3	-178.5	205.3	188.3	-293.5
26.42		6166	81.9	-227.0	203.8	183.2	-328.3
31.43		6167	82.0	-130.0	206.8	208.4	-256.4
32.63		5899	64.6	-126.1	207.0	197.1	-258.7
27.03		5898	64.5	-230.9	203.7	168.4	-334.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-73.84	Cent	-1704.2	32251.3	-10741.4	35363.9	-4816.8
-72.79	6166	15864.8	36421.2	-7043.4	38603.0	13683.0
-72.59	6167	-8452.9	22147.2	-10645.3	25486.2	-11791.9
-67.50	5899	15643.7	41035.9	-12695.9	46294.7	10385.0
-82.56	5898	-30238.7	29251.9	-7899.0	30282.9	-31269.6

NODE Vxx Vyy

 Cent -23.7 -11.9
 6166 41.3 -5.4
 6167 41.3 -22.4
 5899 -90.3 -22.4
 5898 -90.3 2.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

44.73	INV TO~1 Max	Cent	372.7	362.9	615.8	895.1	-159.6
46.20		6166	411.8	744.6	608.7	1046.6	-171.9
37.08		6167	412.1	58.9	622.8	882.9	-411.9
19.06		5899	1343.7	45.3	623.4	1526.7	-188.7
30.79		5898	1344.4	776.0	608.2	1657.3	463.2
-2.12	Min	Cent	-59.7	-836.3	-117.2	-58.6	-837.4
-48.24		6166	-702.3	-960.2	-105.2	-584.5	-961.1
-39.08		6167	-703.0	-757.2	-129.3	-598.0	-862.2
-7.82		5899	-450.2	-761.5	-130.2	-445.2	-782.1
-2.32		5898	-450.7	-970.9	-104.2	-449.8	-971.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
88.78	Max	Cent	21129.3	137951.1	8430.1	138003.7	21076.7
80.66		6166	69309.3	123337.4	9272.8	124862.5	69118.8
82.68		6167	7662.1	95408.7	11791.9	96923.3	6815.0
87.56		5899	67878.8	166106.4	10436.4	166285.7	67699.5
87.45		5898	31667.8	197093.3	16233.9	197423.3	31337.8
-45.60	Min	Cent	-25855.1	-23879.8	-52815.9	22008.6	-71743.4
-52.90		6166	-20758.7	-2197.0	-41431.3	25951.2	-53433.3
-52.03		6167	-42290.8	-20875.0	-51541.1	19563.6	-82706.0
-39.01		5899	3817.4	-18398.0	-58592.4	46231.4	-60812.1
-63.33		5898	-125192.9	-64978.0	-49277.9	-44668.7	-145502.2

		NODE	Vxx	Vyy
Max	Cent		-1.8	48.4
	6166		152.2	77.2
	6167		152.2	15.8
	5899		0.5	15.8
	5898		0.5	94.9
Min	Cent		-94.2	-127.4
	6166		-24.9	-150.9
	6167		-24.9	-108.8
	5899		-323.6	-108.8
	5898		-323.6	-144.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
44.73	INV TO~2	Max	Cent	372.7	362.9	1109.0	895.1	-159.6
24.45			6166	608.5	744.6	1097.3	1107.4	-171.9
31.33			6167	609.2	58.9	1120.7	1291.3	-411.9
19.06			5899	1343.7	45.3	1121.6	1526.7	-188.7
30.79			5898	1344.4	776.0	1096.4	1657.3	463.2
-2.12		Min	Cent	-59.7	-928.3	-117.2	-58.6	-1622.2
-48.24			6166	-702.3	-1306.5	-105.2	-584.5	-1805.3
-39.08			6167	-703.0	-757.2	-129.3	-598.0	-1232.1
-7.82			5899	-450.2	-761.5	-130.2	-445.2	-1546.0
-2.32			5898	-450.7	-1336.8	-104.2	-449.8	-2037.2

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Max	Cent	21129.3	156270.1	8430.1	177316.0	21076.7

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71.81		5900	21865.3	70791.0	18021.2	76712.3	15944.0
74.69		5899	28313.2	87468.2	17510.8	92263.0	23518.4
-30.61	Min	Cent	-12032.5	-36249.3	-22041.1	1007.2	-49288.9
-29.98		6167	-10572.9	-30219.0	-16987.3	-773.0	-40018.9
-36.93		6169	-14335.9	-24450.7	-17475.8	-1200.4	-37586.2
-27.92		5900	-6258.2	-43135.7	-27164.3	8134.3	-57528.1
-36.74		5899	-32321.5	-48404.1	-27103.9	-12091.3	-68634.4

		NODE	Vxx	Vyy
Max	Cent		22.5	30.3
	6167		21.7	28.3
	6169		21.7	33.3
	5900		61.7	31.9
	5899		61.7	28.3
Min	Cent		-57.2	-57.8
	6167		-21.4	-51.4
	6169		-21.4	-65.0
	5900		-118.0	-64.0
	5899		-118.0	-51.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
32.95	c mob-b	Max	Cent	270.0	93.6	197.3	397.9	-34.3
38.84			6167	199.6	113.1	197.9	359.0	-46.2
38.21			6169	199.7	104.7	196.6	354.4	-50.0
20.83			5900	548.2	106.3	196.6	623.0	31.5
21.20			5899	548.2	114.6	198.0	625.0	37.9
-27.97		Min	Cent	-57.0	-252.0	-144.2	19.6	-328.6
-20.78			6167	-96.1	-419.8	-143.5	-41.6	-474.2
-43.43			6169	-96.1	-112.0	-144.9	41.1	-249.2
-59.25			5900	-264.2	-106.8	-145.0	-20.6	-350.5
-30.23			5899	-264.2	-426.9	-143.5	-180.7	-510.5

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	
69.78	Max	Cent	15019.4	56764.7	17792.3	63319.0	8465.2	
67.48			6167	12851.9	53177.9	20196.5	61553.4	4476.4
54.89			6169	11821.7	27179.4	21359.5	42198.4	-3197.4
72.28			5900	21364.8	63192.2	14883.4	67947.5	16609.5
76.72			5899	27175.9	85763.4	14640.1	89218.1	23721.3
	Min	Cent	-10038.0	-30891.5	-20347.8	2399.0	-43328.5	

PROJECT TITLE :

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-31.43		6167	-8518.6	-26474.0	-16877.6	1620.5	-36613.1
-31.00		6169	-11973.3	-21495.5	-17191.8	1104.5	-34573.3
-37.26		5900	-5004.5	-34844.6	-23521.1	7929.5	-47778.6
-28.81		5899	-26827.3	-40920.4	-23600.2	-9244.2	-58503.6
-36.69							

	NODE	Vxx	Vyy
Max	Cent	21.6	22.3
	6167	16.8	20.7
	6169	16.8	25.1
	5900	57.9	24.0
	5899	57.9	20.7
Min	Cent	-51.3	-55.1
	6167	-17.4	-53.3
	6169	-17.4	-58.2
	5900	-109.8	-58.0
	5899	-109.8	-53.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

27.90	pp	Cent	364.2	-89.7	334.0	541.1	-266.6
19.83		6167	481.0	-332.6	337.1	602.5	-454.1
31.82		6169	481.1	153.2	330.9	686.4	-52.2
41.44		5900	245.8	163.3	330.8	537.9	-128.8
24.45		5899	245.8	-342.6	337.2	399.1	-496.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin

-76.79	Cent	6166.5	81666.1	-18748.0	86065.3	1767.4
86.90	6167	6452.5	88569.6	4465.2	88811.7	6210.4
76.71	6169	-9315.9	12553.6	5471.6	13846.1	-10608.5
-58.01	5900	49741.1	88645.4	-39835.5	113524.4	24862.1
-76.51	5899	-22642.7	136834.9	-40595.4	146573.8	-32381.7

	NODE	Vxx	Vyy
	Cent	-104.7	-97.9
	6167	1.5	-86.2
	6169	1.5	-106.8
	5900	-212.3	-112.3
	5899	-212.3	-86.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

-27.95	vento -y	Cent	37.3	-31.2	-50.6	64.2	-58.1

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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-42.25		6167	-23.7	-33.4	-50.6	22.2	-79.4
-43.49		6169	-23.7	-29.0	-50.6	24.3	-77.1
-19.16		5900	99.2	-29.0	-50.6	116.8	-46.6
-18.66		5899	99.2	-33.5	-50.6	116.2	-50.6

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-39.17		Cent	45.8	-329.5	-908.6	786.0	-1069.6
-32.75		6167	-186.0	-1145.2	-1052.3	490.9	-1822.1
-38.69		6169	-2.5	-461.7	-1025.9	819.2	-1283.4
-36.89		5900	777.1	329.8	-768.5	1353.8	-246.9
-51.48		5899	-408.7	-43.1	-794.9	589.7	-1041.5

		NODE	Vxx	Vyy
		Cent	-1.5	-1.4
		6167	-0.1	-1.8
		6169	-0.1	-1.0
		5900	-2.9	-1.1
		5899	-2.9	-1.8

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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-30.43	cedime~1	Cent	163.6	-52.9	-194.1	277.6	-166.9
-51.78		6167	-132.1	-38.5	-194.3	114.6	-285.2
-49.75		6169	-132.1	-67.3	-193.9	96.9	-296.3
-18.07		5900	463.4	-67.9	-193.9	526.6	-131.1
-18.89		5899	463.4	-37.9	-194.3	529.9	-104.4

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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-27.07		Cent	5580.6	2811.8	-1915.9	6560.0	1832.5
-18.99		6167	3707.0	-2529.0	-2434.3	4544.7	-3366.7
-21.13		6169	4612.3	8.1	-2091.9	5420.8	-800.4
-37.07		5900	7574.4	6685.3	-1564.1	8755.9	5503.8
-50.08		5899	6401.0	7067.6	-1859.5	8623.4	4845.2

		NODE	Vxx	Vyy
		Cent	-2.1	-12.1
		6167	-1.0	-14.4
		6169	-1.0	-9.7
		5900	-3.2	-9.7

PROJECT TITLE :

	Company		Client	
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	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
5899			-3.2	-14.4				
ANGLE								

12.46	perm	Cent	154.0	-45.9	46.5	164.3	-56.1	
11.45		6167	114.0	-110.0	47.3	123.5	-119.6	
21.82		6169	114.0	18.3	45.6	132.2	-0.0	
13.85		5900	194.7	20.9	45.6	205.9	9.7	
8.56		5899	194.7	-112.7	47.3	201.8	-119.8	
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

-83.57		Cent	4321.0	22728.1	-2101.4	22965.0	4084.1	
79.35		6167	4438.7	24725.5	3954.7	25469.2	3695.1	
59.41		6169	-69.6	4662.1	4301.6	7205.5	-2613.0	
-62.37		5900	12861.4	23612.3	-7751.8	27670.1	8803.6	
-78.55		5899	-51.9	37896.8	-8014.2	39519.9	-1674.9	
ANGLE		NODE	Vxx	Vyy				

		Cent	-19.6	-25.1				
		6167	1.2	-22.4				
		6169	1.2	-27.2				
		5900	-40.8	-28.3				
		5899	-40.8	-22.4				
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

31.11	INV TO~1	Max	Cent	682.2	121.7	376.6	745.8	18.7
33.14			6167	409.6	77.1	378.3	656.6	-61.3
37.07			6169	409.6	196.6	374.9	692.8	7.9
7.76			5900	1435.2	201.0	374.8	1459.9	108.5
7.39			5899	1435.2	76.7	378.4	1459.0	15.0
-24.92		Min	Cent	40.1	-479.4	-470.6	168.6	-719.3
-20.74			6167	-183.0	-715.1	-471.0	53.9	-990.0
-29.80			6169	-183.0	-442.3	-470.2	107.4	-800.4
-39.77			5900	-271.6	-441.5	-470.2	-41.7	-691.7
-26.49			5899	-271.6	-726.8	-471.0	-133.7	-925.4
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

PROJECT TITLE :

	Company		Client	
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75.52	Max	Cent	31168.6	108000.9	23167.7	113487.3	25682.2
			6167	27797.0	101725.9	31220.0	17637.3
70.60			6169	21347.8	46632.1	33137.0	469.5
57.14			5900	49954.0	125865.4	16576.9	47092.8
79.21			5899	44571.9	163046.4	15625.4	164624.9
83.46							
-38.68	Min	Cent	-11922.8	-26208.4	-33772.8	13582.2	-51713.4
			6167	-9834.7	-18599.1	-21412.4	6280.1
-40.34			6169	-19423.0	-28346.4	-21382.7	-4084.6
-38.49			5900	4412.9	-34620.9	-45987.7	33417.8
-33.14			5899	-43685.9	-27448.8	-46463.8	9769.8
-50.16							

		NODE	Vxx	Vyy
	Max	Cent	10.7	15.8
		6167	30.5	15.8
		6169	30.5	17.7
		5900	42.5	14.8
		5899	42.5	15.8
	Min	Cent	-99.0	-115.2
		6167	-28.7	-108.8
		6169	-28.7	-124.6
		5900	-203.3	-124.4
		5899	-203.3	-108.8

		LC	NODE	Fxx	Fyy	Fxy	Fmax
ANGLE							Fmin

31.11	INV TO~2	Max	Cent	682.2	121.7	450.9	745.8
			6167	649.3	77.1	455.1	813.4
19.83			6169	649.5	206.8	446.7	926.7
31.82			5900	1435.2	220.4	446.6	1459.9
7.76			5899	1435.2	76.7	455.3	1459.0
7.39							
-24.92		Min	Cent	40.1	-479.4	-470.6	168.6
			6167	-183.0	-715.1	-471.0	53.9
-20.74			6169	-183.0	-442.3	-470.2	107.4
-29.80			5900	-271.6	-441.5	-470.2	-41.7
-39.77			5899	-271.6	-726.8	-471.0	-133.7
-26.49							

			NODE	Mxx	Myy	Mxy	Mmax
ANGLE							Mmin

-76.79		Max	Cent	31168.6	110249.3	23167.7	116188.1
			6167	27797.0	119569.0	31220.0	119895.8

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	Company		Client	
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86.90								
		6169	21347.8	46632.1	33137.0	68030.7	469.5	
57.14								
		5900	67150.5	125865.4	16576.9	153258.0	47092.8	
-58.01								
		5899	44571.9	184727.1	15625.4	197874.6	42993.4	
-76.51								
	Min	Cent	-11922.8	-26208.4	-33772.8	13582.2	-51713.4	
-38.68								
		6167	-9834.7	-18599.1	-21412.4	6280.1	-34665.3	
-40.34								
		6169	-19423.0	-28346.4	-21382.7	-4084.6	-44001.5	
-38.49								
		5900	4412.9	-34620.9	-53777.9	33417.8	-63625.8	
-33.14								
		5899	-43685.9	-27448.8	-54803.8	9769.8	-80904.5	
-50.16								

	NODE	Vxx	Vyy
Max	Cent	10.7	15.8
	6167	30.5	15.8
	6169	30.5	17.7
	5900	42.5	14.8
	5899	42.5	15.8
Min	Cent	-141.4	-132.1
	6167	-28.7	-116.4
	6169	-28.7	-144.2
	5900	-286.7	-151.6
	5899	-286.7	-116.4

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6379	1	5	c mob-a	Max	Cent	228.1	78.0	373.1	533.6	-227.5
39.31					6169	414.5	162.9	369.6	679.1	-101.8
35.60					6171	414.2	32.2	376.6	645.5	-199.0
31.55					5901	502.6	33.5	376.8	711.8	-175.8
29.05					5900	502.5	167.5	369.4	740.6	-70.6
32.80				Min	Cent	-79.0	-211.3	-231.4	95.5	-385.8
-37.02					6169	-142.3	-302.2	-228.9	20.2	-464.7
-35.37					6171	-142.2	-136.5	-233.9	94.5	-373.3
-45.35					5901	-316.1	-136.2	-234.0	24.6	-476.8
-55.52					5900	-316.2	-307.3	-228.7	-83.0	-540.5
-45.56										

	ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
		Max	Cent	30909.3	51256.9	17684.6	61485.3	20680.8
59.96			6169	26449.7	34340.5	19990.9	50771.7	10018.6
50.58			6171	36618.8	27887.8	18586.0	51345.1	13161.5
38.39			5901	29071.3	68692.5	15243.0	73878.1	23885.7
71.21								

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69.26			5900	35288.6	74832.8	17479.6	81451.5	28669.9
-29.25	Min	Cent		-17143.2	-35135.7	-14677.7	-8924.2	-43354.8
-36.34			6169	-16459.2	-25555.4	-14576.8	-5737.4	-36277.2
-41.50			6171	-20429.6	-23725.5	-13417.4	-8559.3	-35595.8
-21.17			5901	-12059.5	-45663.8	-15309.9	-6130.5	-51592.8
-28.00			5900	-23977.0	-46745.1	-16876.8	-15003.7	-55718.4

	NODE	Vxx	Vyy
Max	Cent	19.2	35.5
	6169	20.2	33.3
	6171	20.2	39.5
	5901	55.7	36.9
	5900	55.7	32.1
Min	Cent	-46.5	-67.4
	6169	-38.5	-65.5
	6171	-38.5	-72.3
	5901	-75.0	-69.0
	5900	-75.0	-64.1

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
36.64	c mob-b	Max	Cent	240.2	62.5	295.7	460.1	-157.4
34.17			6169	361.8	129.1	293.0	560.7	-69.7
31.00			6171	361.6	44.2	298.4	540.9	-135.1
26.92			5901	482.8	46.2	298.6	634.4	-105.4
29.57			5900	482.7	132.8	292.8	648.8	-33.3
-43.47		Min	Cent	-64.7	-88.4	-222.6	146.3	-299.5
-44.82			6169	-123.3	-126.1	-220.7	96.1	-345.4
-48.29			6171	-123.2	-71.4	-224.4	128.6	-323.2
-55.55			5901	-246.1	-72.9	-224.5	81.2	-400.1
-52.44			5900	-246.0	-128.8	-220.6	40.9	-415.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
57.14	Max	Cent	30169.8	46054.7	17601.7	57423.0	18801.6	
48.19			6169	25728.2	30241.0	20205.9	48316.1	7653.1
36.31			6171	37116.4	25670.8	18283.8	50552.1	12235.1
68.92			5901	26389.7	62038.0	16144.5	68262.7	20165.0
65.59			5900	33925.8	67357.2	19101.1	76023.9	25259.1
-31.52		Min	Cent	-16071.6	-30905.3	-14583.1	-7127.6	-39849.2
			6169	-14546.8	-22460.5	-14616.8	-3360.8	-33646.5

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-37.43							
-44.07		6171	-21125.1	-21977.2	-13167.5	-8376.8	-34725.5
-22.06		5901	-9842.5	-40226.8	-14735.1	-3870.4	-46198.9
-31.50		5900	-21997.3	-39061.1	-16745.0	-11735.9	-49322.5

	NODE	Vxx	Vyy
Max	Cent	18.3	28.5
	6169	18.8	25.2
	6171	18.8	34.6
	5901	58.0	31.2
	5900	58.0	24.1
Min	Cent	-41.2	-61.3
	6169	-37.4	-58.7
	6171	-37.4	-66.4
	5901	-74.4	-62.9
	5900	-74.4	-57.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.73	pp	Cent	551.8	97.6	454.7	832.9	-183.5
26.69		6169	867.6	198.0	450.5	1094.1	-28.5
23.26		6171	867.3	-2.7	458.8	1064.5	-200.0
37.72		5901	230.5	-8.1	459.0	585.4	-363.1
44.13		5900	230.8	203.4	450.3	667.6	-233.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
51.66	Cent	43744.5	46978.6	6826.4	52376.9	38346.2
37.62	6169	28312.2	20521.2	14780.9	39702.3	9131.1
15.10	6171	53473.2	6220.0	13746.7	57181.4	2511.9
-83.36	5901	59485.7	73360.5	-1637.4	73551.1	59295.1
89.61	5900	32930.6	87642.6	373.5	87645.2	32928.0

	NODE	Vxx	Vyy
	Cent	-76.8	-110.6
	6169	-73.0	-108.7
	6171	-73.0	-112.2
	5901	-80.7	-112.7
	5900	-80.7	-108.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-40.96	vento -y	Cent	7.6	-15.9	-83.1	79.8	-88.1
-50.68		6169	-69.1	-36.1	-82.3	31.3	-136.5

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ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
16.11	perm	Cent	179.1	12.5	52.5	194.3	-2.7
16.53		6169	184.2	24.2	52.0	199.6	8.8
15.01		6171	184.1	0.7	53.0	198.4	-13.5
15.69		5901	173.9	0.0	53.0	188.8	-14.9
17.46		5900	173.9	24.9	52.0	190.3	8.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
44.19		Cent	13512.7	13252.5	4622.3	18006.7	8758.4
37.93		6169	10337.9	6869.4	6888.7	15707.3	1500.0
21.44		6171	16063.9	2255.9	6410.7	18581.2	-261.5
70.27		5901	14431.3	19579.5	2119.3	20339.7	13671.1
76.16		5900	12991.0	24265.5	2958.2	24994.5	12262.0
		NODE	Vxx	Vyy			
		Cent	-12.0	-28.6			
		6169	-17.3	-27.7			
		6171	-17.3	-29.9			
		5901	-6.5	-29.3			
		5900	-6.5	-27.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
35.44	INV TO~1 Max	Cent	570.0	117.7	556.2	899.2	-25.1
32.81		6169	743.7	244.1	551.0	1098.9	15.9
29.34		6171	743.3	86.2	561.4	1058.9	-41.6
12.03		5901	1251.7	91.4	561.7	1306.9	36.2
12.41		5900	1251.4	251.0	550.7	1307.1	101.2
-28.20	Min	Cent	72.4	-305.4	-559.9	211.7	-685.5
-26.91		6169	-268.2	-474.7	-554.6	122.5	-935.6
-35.75		6171	-268.0	-183.7	-565.2	181.3	-780.8
-48.74		5901	-252.9	-183.8	-565.5	46.8	-589.4
-37.53		5900	-252.9	-484.0	-554.3	-55.7	-806.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

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	Max	Cent	60325.6	85906.7	28496.5	103459.7	42772.6
57.47							
46.49		6169	49664.3	53229.2	34166.7	84317.2	18436.0
32.05		6171	70948.8	41406.6	31501.8	89996.5	22358.9
70.77		5901	60245.7	118478.9	23914.5	126542.9	52181.7
69.86		5900	65989.4	131569.5	28744.7	141756.3	55802.6
-25.53	Min	Cent	-9630.6	-34180.8	-16172.9	-2373.9	-41437.5
-29.24		6169	-11882.1	-27770.6	-14114.6	-4690.8	-35173.6
-26.75		6171	-12455.0	-29773.6	-12782.2	-6556.1	-35672.5
-21.34		5901	-1849.1	-42066.6	-19341.7	5399.6	-49315.3
-31.93		5900	-19378.0	-38840.4	-20788.4	-7024.3	-51194.1

	NODE	Vxx	Vyy
Max	Cent	13.9	19.3
	6169	10.0	17.2
	6171	10.0	23.4
	5901	71.8	20.5
	5900	71.8	16.0
Min	Cent	-77.5	-127.9
	6169	-71.4	-125.8
	6171	-71.4	-134.4
	5901	-111.2	-129.5
	5900	-111.2	-123.7

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
31.73	INV TO~2	Max	Cent	745.0	131.8	613.8	1124.5	-25.1
26.69			6169	1171.3	267.3	608.2	1477.0	15.9
23.26			6171	1170.8	86.2	619.4	1437.1	-41.6
12.03			5901	1251.7	91.4	619.7	1306.9	36.2
12.41			5900	1251.4	274.6	607.9	1307.1	101.2
-28.20		Min	Cent	72.4	-305.4	-559.9	211.7	-685.5
-26.91			6169	-268.2	-474.7	-554.6	122.5	-935.6
-35.75			6171	-268.0	-183.7	-565.2	181.3	-780.8
-48.74			5901	-252.9	-183.8	-565.5	46.8	-589.4
-37.53			5900	-252.9	-484.0	-554.3	-55.7	-806.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
57.47	Max	Cent	60325.6	85906.7	28496.5	103459.7	51767.3	
46.49			6169	49664.3	53229.2	34166.7	84317.2	18436.0
			6171	72188.9	41406.6	31501.8	89996.5	22358.9

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32.05								
		5901	80305.7	118478.9	23914.5	126542.9	80048.3	
70.77								
		5900	65989.4	131569.5	28744.7	141756.3	55802.6	
69.86								
	Min	Cent	-9630.6	-34180.8	-16172.9	-2373.9	-41437.5	
-25.53								
		6169	-11882.1	-27770.6	-14114.6	-4690.8	-35173.6	
-29.24								
		6171	-12455.0	-29773.6	-12782.2	-6556.1	-35672.5	
-26.75								
		5901	-1849.1	-42066.6	-19341.7	5399.6	-49315.3	
-21.34								
		5900	-19378.0	-38840.4	-20788.4	-7024.3	-51194.1	
-31.93								

	NODE	Vxx	Vyy
Max	Cent	13.9	19.3
	6169	10.0	17.2
	6171	10.0	23.4
	5901	71.8	20.5
	5900	71.8	16.0
Min	Cent	-103.7	-149.4
	6169	-98.5	-146.8
	6171	-98.5	-151.5
	5901	-111.2	-152.1
	5900	-111.2	-147.1

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6380	1	5	c mob-a	Max	Cent	222.9	19.0	407.1	540.6	-298.7
					6171	282.7	22.5	407.0	579.9	-274.7
					6173	282.7	50.8	407.1	590.1	-256.5
					5902	362.4	45.1	407.1	640.7	-233.2
					5901	362.4	21.5	407.0	633.2	-249.3
				Min	Cent	-82.3	-61.7	-213.4	141.6	-285.7
					6171	-91.2	-111.5	-213.4	112.2	-315.0
					6173	-91.2	-51.8	-213.4	142.8	-285.8
					5902	-220.7	-51.1	-213.4	93.8	-365.6
					5901	-220.7	-105.6	-213.4	57.8	-384.2

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	39121.3	45689.2	12339.8	55174.6	29635.9
	6171	35058.8	26453.6	12536.0	44010.0	17502.4
	6173	40291.2	23201.8	11175.6	45814.4	17678.6
	5902	37976.8	61615.4	11875.0	66550.5	33041.7
	5901	49897.3	72367.3	11717.6	77365.8	44898.7

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-21.80	Min	Cent	-19821.8	-32813.7	-6186.5	-17347.2	-35288.3
-37.68		6171	-19232.4	-22385.9	-6033.1	-14573.3	-27044.9
-43.47		6173	-19735.6	-20328.0	-5539.1	-14484.8	-25578.8
-16.40		5902	-23320.4	-42633.1	-6222.6	-21489.1	-44464.4
-14.40		5901	-23949.4	-46790.4	-6278.6	-22337.3	-48402.5

	NODE	Vxx	Vyy
Max	Cent	24.6	36.7
	6171	7.2	38.7
	6173	7.2	35.3
	5902	47.7	35.8
	5901	47.7	38.5
Min	Cent	-19.0	-67.0
	6171	-16.2	-70.7
	6173	-16.2	-63.9
	5902	-30.1	-65.6
	5901	-30.1	-69.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin		
35.96	c mob-b	Max	Cent	232.1	17.9	327.9	470.0	-220.0	
35.44			6171	275.1	47.8	327.9	508.5	-185.6	
34.62			6173	275.1	26.4	328.0	501.5	-200.0	
32.71			5902	325.3	25.2	328.0	535.9	-185.4	
33.29			5901	325.3	41.4	327.9	540.7	-174.0	
-45.85			Min	Cent	-83.2	-70.7	-211.6	134.8	-288.6
-45.97				6171	-68.3	-53.9	-211.4	150.5	-272.7
-41.01				6173	-68.3	-127.7	-211.8	115.9	-311.8
-52.06				5902	-227.0	-120.4	-211.8	44.7	-392.1
-56.12				5901	-227.0	-54.1	-211.5	87.9	-369.0

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
53.51	Max	Cent	38166.4	46097.8	12960.2	55685.4	28578.8	
34.63			6171	32975.7	23598.6	12382.6	41527.7	15046.6
29.48			6173	40769.6	27450.8	11068.9	47028.0	21192.4
70.36			5902	36237.5	68383.2	13142.0	73072.1	31548.6
62.15			5901	49432.0	66757.6	12703.5	73470.8	42718.7
-22.87	Min	Cent	-19771.4	-33160.2	-6867.3	-16875.4	-36056.1	
-38.41			6171	-17194.0	-20083.4	-6173.1	-12298.8	-24978.6
			6173	-21256.6	-23126.0	-4764.6	-17335.9	-27046.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-39.45		5902	-21924.2	-46903.8	-7420.1	-19886.3	-48941.6
-15.36		5901	-24608.8	-42681.4	-8046.1	-21545.8	-45744.4
-20.84							

	NODE	Vxx	Vyy
Max	Cent	25.2	36.6
	6171	7.8	33.8
	6173	7.8	39.3
	5902	48.4	40.4
Min	5901	48.4	32.9
	Cent	-15.6	-66.5
	6171	-17.5	-64.9
	6173	-17.5	-68.7
	5902	-26.7	-71.3
5901	-26.7	-62.9	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
31.69	pp	Cent	619.2	42.0	575.8	974.6	-313.5
29.32		6171	735.3	33.7	575.8	1058.7	-289.7
29.63		6173	735.3	50.2	575.8	1062.7	-277.3
34.15		5902	507.4	49.3	575.8	898.1	-341.3
33.84		5901	507.4	34.6	575.8	893.4	-351.4

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
28.41	Cent	64938.3	41283.9	18081.9	74717.5	31504.6
20.20	6171	51856.5	6391.1	19343.1	58972.3	-724.7
13.70	6173	68336.8	6643.2	15993.8	72236.6	2743.4
58.96	5902	53272.0	71195.6	16906.3	81368.5	43099.1
39.40	5901	87779.4	81203.7	16601.5	101415.5	67567.5

	NODE	Vxx	Vyy
	Cent	10.8	-107.8
	6171	-26.6	-109.6
	6173	-26.6	-105.7
	5902	46.7	-110.4
	5901	46.7	-105.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-44.51	vento -y	Cent	1.8	-1.2	-86.9	87.2	-86.7
-47.62		6171	-14.4	1.5	-86.9	80.8	-93.7
-46.72		6173	-14.4	-4.0	-86.9	77.9	-96.3

PROJECT TITLE :

	Company		Client	
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-41.55		5902	17.4	-3.7	-86.9	94.4	-80.7
-42.35		5901	17.4	1.2	-86.9	96.6	-78.0
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-----		Cent	-38.3	6.7	-904.4	888.9	-920.5
-45.71		6171	-37.7	10.6	-845.2	831.9	-859.1
-45.82		6173	-77.4	-11.7	-828.9	785.0	-874.1
-46.14		5902	1231.6	164.6	-886.9	1733.0	-336.9
-29.49		5901	-1270.9	-137.0	-897.7	357.8	-1765.7
-61.14		NODE	Vxx	Vyy			
		Cent	-1.8	-0.0			
		6171	0.1	-0.2			
		6173	0.1	0.1			
		5902	-3.5	0.4			
		5901	-3.5	-0.4			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-----		Cent	40.1	-0.9	-327.8	348.0	-308.8
-43.21	cedime~1	6171	-73.0	9.0	-327.7	298.3	-362.3
-48.57		6173	-73.0	-10.8	-327.8	287.4	-371.2
-47.71		5902	149.0	-9.7	-327.8	406.9	-267.6
-38.20		5901	149.0	7.9	-327.7	413.7	-256.8
-38.93		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE		Cent	4352.3	3398.8	-1338.8	5296.7	2454.3
-35.20		6171	4852.5	1527.7	-1130.6	5200.5	1179.7
-17.11		6173	3278.4	1285.8	-1309.7	3927.7	636.5
-26.37		5902	5617.9	5254.7	-1346.3	6794.8	4077.8
-41.16		5901	3744.5	5544.2	-1365.0	6279.2	3009.4
-61.70		NODE	Vxx	Vyy			
		Cent	-0.2	-6.2			
		6171	2.5	-6.6			
		6173	2.5	-5.7			
		5902	-2.8	-5.4			
		5901	-2.8	-6.9			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin

PROJECT TITLE :

	Company		Client	
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ANGLE

	perm	Cent					
20.60		6171	188.4	5.0	80.3	218.6	-25.2
20.37		6173	192.9	6.3	80.3	222.7	-23.5
20.16		5902	184.2	3.7	80.3	222.4	-25.8
20.84		5901	184.2	3.8	80.3	214.8	-26.8
21.03				6.2	80.3	215.1	-24.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
34.02	Cent	17479.0	11455.5	7468.7	22520.4	6414.1
25.13	6171	14755.5	2066.3	7631.5	18335.3	-1513.5
20.19	6173	17737.8	2077.0	6661.2	20187.8	-373.0
61.35	5902	9773.0	18895.8	7103.9	22776.7	5892.1
34.91	5901	28058.8	22864.7	7067.7	32991.5	17932.0

NODE	Vxx	Vyy
Cent	10.4	-29.2
6171	-4.9	-29.2
6173	-4.9	-29.0
5902	25.1	-30.9
5901	25.1	-27.5

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
34.75	INV TO~1	Max	Cent	541.9	30.6	629.8	938.7	-110.2
34.10			6171	574.5	79.9	629.8	1001.0	-77.6
34.13			6173	574.5	72.3	629.9	1001.5	-92.2
32.11			5902	822.4	64.7	629.9	1068.6	-49.7
32.05			5901	822.4	70.0	629.8	1067.8	-36.3
-34.08		Min	Cent	76.1	-91.3	-535.5	216.7	-533.0
-31.38			6171	-3.3	-144.2	-535.5	196.4	-608.7
-30.08			6173	-3.3	-179.5	-535.6	190.1	-634.2
-42.49			5902	-122.2	-168.5	-535.6	68.1	-615.3
-44.02			5901	-122.2	-136.4	-535.5	78.5	-591.9

ANGLE

	Max	Cent	Mxx	Myy	Mxy	Mmax	Mmin
46.48			74644.9	77086.3	24964.9	99523.3	52208.0

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29.73		6171	66937.4	39306.4	24555.1	80317.0	25926.7
24.46		6173	76055.1	40421.4	21748.3	85352.3	31124.1
68.33		5902	66659.6	116467.9	24845.7	125804.6	57322.9
60.26		5901	99164.6	126104.6	24217.4	139161.5	86107.8
-4.27	Min	Cent	-9280.4	-33310.7	-3141.0	-9146.1	-33445.1
-2.37		6171	-11208.2	-28154.6	-1832.7	-11179.1	-28183.7
-2.57		6173	-10958.7	-29143.2	-2126.3	-10922.1	-29179.7
-7.19		5902	-21709.5	-44424.2	-4259.6	-21341.8	-44791.9
-6.09		5901	-5163.2	-40302.4	-5159.4	-4758.1	-40707.5

	NODE	Vxx	Vyy
Max	Cent	44.4	20.4
	6171	8.2	23.0
	6173	8.2	24.0
	5902	90.5	23.6
	5901	90.5	24.4
Min	Cent	-15.5	-125.7
	6171	-28.5	-131.3
	6173	-28.5	-127.4
	5902	-18.2	-132.6
	5901	-18.2	-127.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
31.69	INV TO~2	Max	Cent	835.9	56.7	777.3	1315.7	-110.2
29.32			6171	992.6	79.9	777.3	1429.2	-77.6
29.63			6173	992.6	72.3	777.4	1434.7	-92.2
34.15			5902	822.4	66.6	777.3	1212.4	-49.7
33.84			5901	822.4	70.0	777.3	1206.1	-36.3
-34.08		Min	Cent	76.1	-91.3	-535.5	216.7	-533.0
-31.38			6171	-3.3	-144.2	-535.5	196.4	-608.7
-30.08			6173	-3.3	-179.5	-535.6	190.1	-634.2
-42.49			5902	-122.2	-168.5	-535.6	68.1	-615.3
-44.02			5901	-122.2	-136.4	-535.5	78.5	-591.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
28.41	Max	Cent	87666.7	77086.3	24964.9	100868.7	52208.0	
29.73			6171	70006.2	39306.4	26113.2	80317.0	25926.7
13.70			6173	92254.6	40421.4	21748.3	97519.4	31124.1
			5902	71917.2	116467.9	24845.7	125804.6	58183.8

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68.33								
60.26			5901	118502.1	126104.6	24217.4	139161.5	91216.2
-4.27		Min	Cent	-9280.4	-33310.7	-3141.0	-9146.1	-33445.1
-2.37			6171	-11208.2	-28154.6	-1832.7	-11179.1	-28183.7
-2.57			6173	-10958.7	-29143.2	-2126.3	-10922.1	-29179.7
-7.19			5902	-21709.5	-44424.2	-4259.6	-21341.8	-44791.9
-6.09			5901	-5163.2	-40302.4	-5159.4	-4758.1	-40707.5

	NODE	Vxx	Vyy
Max	Cent	44.4	20.4
	6171	8.2	23.0
	6173	8.2	24.0
	5902	90.5	23.6
	5901	90.5	24.4
Min	Cent	-15.5	-145.5
	6171	-35.9	-148.0
	6173	-35.9	-142.7
	5902	-18.2	-149.1
	5901	-18.2	-142.3

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6381	1	5	c mob-a	Max	Cent	212.5	36.5	430.2	563.6	-314.6
39.22					6173	240.3	42.2	432.5	584.9	-302.4
38.55					6175	240.4	63.3	427.9	588.8	-285.1
39.16					5903	533.9	66.0	427.7	787.5	-187.5
30.66					5902	534.0	45.7	432.7	786.7	-207.0
30.28				Min	Cent	-72.6	-94.2	-205.2	122.1	-288.8
-43.49					6173	-193.4	-71.5	-206.1	82.5	-347.4
-53.24					6175	-193.5	-139.5	-204.2	39.5	-372.5
-48.76					5903	-176.5	-143.7	-204.1	44.7	-364.9
-47.29					5902	-176.5	-72.9	-206.2	87.9	-337.3
-52.05										
					NODE	Mxx	Myy	Mxy	Mmax	Mmin
				Max	Cent	36887.4	43780.8	18866.6	59513.0	21155.3
50.18					6173	41906.3	24675.1	16595.7	51989.5	14591.9
31.28					6175	29680.9	23920.1	18644.1	45665.8	7935.2
40.61					5903	35665.6	64832.9	20928.7	75757.9	24740.5
62.43					5902	44769.8	64561.2	18131.9	75322.0	34009.0
59.31				Min	Cent	-18498.4	-31931.1	-12049.4	-11419.9	-39009.6
-30.43										

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-45.75	6173	-22803.3	-22220.6	-11123.2	-11384.9	-33639.0
-38.55	6175	-16982.9	-22903.1	-12923.3	-6685.0	-33201.0
-30.85	5903	-27693.9	-41735.4	-13036.4	-19907.9	-49521.4
-17.36	5902	-12560.4	-42342.3	-10320.5	-9333.6	-45569.1

	NODE	Vxx	Vyy
Max	Cent	52.4	32.3
	6173	27.4	36.3
	6175	27.4	29.7
	5903	91.5	29.7
	5902	91.5	34.0
Min	Cent	-13.6	-67.4
	6173	-15.1	-66.2
	6175	-15.1	-68.6
	5903	-37.8	-68.6
	5902	-37.8	-66.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
38.54	c mob-b	Max	Cent	203.6	32.8	372.4	500.3	-263.8
37.01			6173	238.5	24.2	374.2	520.6	-257.9
38.33			6175	238.6	62.8	370.5	531.5	-230.1
31.95			5903	428.5	65.6	370.4	659.5	-165.4
30.93			5902	428.6	28.2	374.4	653.0	-196.1
-36.53		Min	Cent	-80.9	-194.8	-187.1	57.7	-333.4
-42.92			6173	-132.4	-159.7	-187.9	42.4	-334.4
-36.70			6175	-132.5	-243.5	-186.2	6.3	-382.3
-42.85			5903	-220.0	-248.0	-186.1	-47.3	-420.7
-49.62			5902	-220.0	-158.8	-188.0	1.0	-379.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
55.14	Max	Cent	35828.1	50195.6	19450.4	63746.5	22277.2	
35.73			6173	39883.9	28470.4	17007.1	52116.1	16238.2
45.18			6175	28470.0	28709.1	18656.9	47246.9	9932.3
65.42			5903	34810.4	72293.8	21679.9	82209.8	24894.3
62.74			5902	45168.7	72645.5	19269.8	82572.9	35241.3
-26.92	Min	Cent	-19318.3	-35920.3	-11361.9	-13548.1	-41690.5	
-41.47			6173	-22162.5	-24693.4	-10211.5	-13138.4	-33717.5
-35.01			6175	-18200.4	-26315.1	-11162.2	-10381.0	-34134.5
			5903	-28321.8	-46062.7	-12676.3	-21720.5	-52663.9

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-27.51
-16.52

5902 -14119.8 -47982.6 -11015.1 -10852.1 -51250.3

	NODE	Vxx	Vyy
Max	Cent	52.8	35.4
	6173	29.4	40.3
	6175	29.4	31.6
	5903	94.2	31.6
Min	5902	94.2	38.3
	Cent	-12.3	-71.2
	6173	-16.6	-71.0
	6175	-16.6	-71.2
	5903	-35.9	-71.2
5902	-35.9	-71.2	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
32.36	pp	Cent	587.1	-54.7	679.6	1017.8	-485.3
43.26		6173	111.7	28.9	682.3	753.9	-613.2
39.77		6175	111.6	-138.3	676.9	675.0	-701.7
23.98		5903	1075.3	-145.2	676.7	1376.3	-446.2
26.35		5902	1075.5	35.9	682.5	1413.6	-302.2

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
35.72	Cent	59873.6	41329.7	27604.7	79721.9	21481.4
19.27	6173	63803.3	4543.7	23605.9	72057.0	-3710.0
25.98	6175	36505.9	-3718.2	25698.3	49026.6	-16239.0
66.70	5903	25846.9	83179.8	30319.0	96238.7	12788.0
30.82	5902	112445.0	80981.8	29134.3	129823.6	63603.1

	NODE	Vxx	Vyy
	Cent	113.8	-128.3
	6173	48.9	-110.6
	6175	48.9	-141.9
	5903	180.4	-141.9
	5902	180.4	-119.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-47.30	vento -y	Cent	-3.5	10.5	-86.6	90.4	-83.4
-35.61		6173	54.5	-4.7	-87.1	116.9	-67.1
-40.24		6175	54.5	25.7	-86.1	127.4	-47.2
-58.79		5903	-63.0	26.9	-86.1	79.1	-115.1

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		5902	-63.0	-6.0	-87.1	57.2	-126.2
-54.06							
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin

		Cent	131.9	37.5	-926.6	1012.6	-843.1
-43.54		6173	207.8	61.6	-894.0	1031.7	-762.3
-42.66		6175	408.8	472.7	-981.4	1422.7	-541.1
-45.93		5903	921.1	-99.9	-946.3	1485.8	-664.6
-30.83		5902	-1015.3	-281.6	-830.6	259.5	-1556.5
-56.92							
		NODE	Vxx	Vyy			

		Cent	-2.1	0.7			
		6173	-0.2	0.2			
		6175	-0.2	1.1			
		5903	-3.9	1.1			
		5902	-3.9	0.4			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

	cedime~1	Cent	12.3	40.9	-331.0	357.9	-304.7
-46.24		6173	179.3	-10.3	-332.6	430.4	-261.3
-37.05		6175	179.5	92.2	-329.3	468.0	-196.4
-41.23		5903	-159.2	96.4	-329.2	321.8	-384.6
-55.61		5902	-159.3	-14.5	-332.8	253.6	-427.5
-51.14							
		NODE	Mxx	Myy	Mxy	Mmax	Mmin
ANGLE							

		Cent	2281.3	3109.5	-1587.7	4336.3	1054.6
-52.31		6173	3761.1	1443.4	-1640.3	4610.6	593.9
-27.38		6175	1082.9	2007.7	-1835.3	3438.0	-347.3
-52.07		5903	1946.2	4392.4	-1594.8	5179.1	1159.5
-63.74		5902	2264.3	4588.4	-1250.2	5133.2	1719.5
-66.45							
		NODE	Vxx	Vyy			

		Cent	3.0	-4.6			
		6173	5.3	-5.9			
		6175	5.3	-3.5			
		5903	0.6	-3.5			
		5902	0.6	-5.6			
	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
ANGLE							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-----		perm	Cent	171.3	-10.4	106.7	220.6	-59.7	
24.78			6173	88.7	-2.2	106.9	159.4	-72.9	
33.49			6175	88.6	-18.6	106.4	154.2	-84.2	
31.62			5903	256.3	-19.3	106.4	292.5	-55.6	
18.83			5902	256.3	-1.5	106.9	294.9	-40.1	
19.84									
	ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin	

			Cent	14101.2	11256.3	9922.7	22702.9	2654.6	
40.92			6173	15579.0	1307.9	8708.0	19701.6	-2814.6	
25.33			6175	6733.6	-1721.5	9447.0	12855.8	-7843.8	
32.95			5903	1893.4	22555.0	10719.5	27111.6	-2663.2	
66.97			5902	31966.8	22789.2	10148.4	38515.7	16240.3	
32.83									
			NODE	Vxx	Vyy				

			Cent	38.7	-36.0				
			6173	15.7	-30.3				
			6175	15.7	-40.2				
			5903	62.2	-40.2				
			5902	62.2	-33.3				
	ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	

		INV TO~1	Max	Cent	470.6	79.8	687.4	967.2	-131.3
36.52				6173	592.4	54.8	690.8	947.6	-132.4
37.73				6175	592.6	158.9	684.1	945.6	-40.0
37.90				5903	977.1	166.2	683.8	1344.0	10.5
28.22				5902	977.2	60.2	691.1	1348.0	-95.0
28.22			Min	Cent	62.2	-273.4	-501.3	133.5	-603.2
-22.72				6173	-172.4	-228.0	-504.0	-22.2	-628.0
-41.23				6175	-172.6	-347.3	-498.7	-69.4	-639.7
-31.35				5903	-200.0	-354.1	-498.4	33.2	-728.1
-23.60				5902	-200.1	-230.4	-504.2	64.2	-719.7
-31.47									
	ANGLE			NODE	Mxx	Myy	Mxy	Mmax	Mmin

			Max	Cent	66180.5	82129.8	36180.8	109655.6	38654.8
51.49				6173	75913.6	41186.4	31667.5	93236.1	23863.9
29.98									

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

40.99			6175	47885.7	39043.4	34633.8	76895.7	10369.4
66.69			5903	51988.1	124543.9	39987.4	141087.3	35444.8
56.71			5902	95208.7	125449.1	36162.7	148375.0	72282.8
-13.34		Min	Cent	-11978.5	-37236.1	-7931.7	-10474.6	-38740.0
-18.43			6173	-15205.4	-32028.1	-7948.7	-13102.7	-34130.9
-19.75			6175	-17836.9	-37246.9	-9834.8	-14965.0	-40118.8
-38.28			5903	-36340.9	-39629.6	-8474.4	-30911.8	-45058.7
-4.88			5902	12905.0	-41987.3	-5972.1	13308.2	-42390.5

	NODE	Vxx	Vyy
Max	Cent	112.9	11.8
	6173	60.7	24.1
	6175	60.7	2.4
	5903	190.0	2.4
	5902	190.0	18.4
Min	Cent	20.3	-136.7
	6173	-6.7	-132.1
	6175	-6.7	-139.9
	5903	11.1	-139.9
	5902	11.1	-135.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
32.36	INV TO~2	Max	Cent	792.6	79.8	917.5	1374.0	-131.3
43.26			6173	592.4	54.8	921.1	1017.8	-132.4
37.90			6175	592.6	158.9	913.9	945.6	-40.0
23.98			5903	1451.7	166.2	913.6	1858.0	10.5
26.35			5902	1451.9	60.2	921.4	1908.4	-95.0
-22.72		Min	Cent	62.2	-273.4	-501.3	133.5	-655.2
-41.23			6173	-172.4	-228.0	-504.0	-22.2	-827.8
-31.35			6175	-172.6	-347.3	-498.7	-69.4	-947.3
-23.60			5903	-200.0	-354.1	-498.4	33.2	-728.1
-31.47			5902	-200.1	-230.4	-504.2	64.2	-719.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
51.49	Max	Cent	80829.3	82129.8	37266.3	109655.6	38654.8	
19.27			6173	86134.4	41186.4	31868.0	97277.0	23863.9
40.99			6175	49283.0	39043.4	34692.8	76895.7	10369.4
66.69			5903	51988.1	124543.9	40930.6	141087.3	35444.8
			5902	151800.7	125449.1	39331.3	175261.9	85864.2

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	Company		Client	
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30.82								
-13.34		Min	Cent	-11978.5	-37236.1	-7931.7	-10474.6	-38740.0
-18.43				6173	-15205.4	-32028.1	-7948.7	-13102.7
-19.75				6175	-17836.9	-37246.9	-9834.8	-14965.0
-38.28				5903	-36340.9	-39629.6	-8474.4	-30911.8
-4.88				5902	12905.0	-41987.3	-5972.1	13308.2

	NODE	Vxx	Vyy
Max	Cent	153.6	11.8
	6173	66.0	24.1
	6175	66.0	2.4
	5903	243.6	2.4
	5902	243.6	18.4
Min	Cent	20.3	-173.2
	6173	-6.7	-149.3
	6175	-6.7	-191.6
	5903	11.1	-191.6
	5902	11.1	-160.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6382	1	5	c mob-a	Max	Cent	309.6	63.9	281.0	493.5	-120.0
33.19					6175	164.6	48.5	281.0	393.5	-180.4
39.16					6176	164.6	92.5	281.0	411.9	-154.8
41.34					5904	690.9	92.5	281.0	802.2	-18.8
21.60					5903	690.9	48.5	281.0	796.5	-57.1
20.59				Min	Cent	-49.9	-358.9	-140.9	4.7	-413.6
-21.19					6175	-122.9	-122.1	-140.9	18.5	-263.4
-45.08					6176	-122.9	-625.9	-140.9	-86.1	-662.7
-14.63					5904	-183.9	-625.9	-140.9	-142.8	-667.0
-16.26					5903	-183.9	-122.1	-140.9	-8.7	-297.3
-51.18										
				NODE	Mxx	Myy	Mxy	Mmax	Mmin	
				Max	Cent	21857.8	53164.5	30113.2	71449.7	3572.5
58.73					6175	16706.2	22497.3	26562.3	46321.4	-7117.9
48.11					6176	18298.3	42456.3	26989.6	59946.6	808.0
57.06					5904	29891.8	87195.2	32763.1	102067.6	15019.4
65.59					5903	44175.2	65766.8	32178.0	88911.8	21030.3
54.27				Min	Cent	-11413.8	-32607.0	-15428.5	-3293.4	-40727.4
-27.76					6175	-13236.4	-22846.8	-17458.0	65.6	-36148.8
-37.31										

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-30.55	6176	-9381.2	-28137.7	-16986.8	644.2	-38163.1
-32.97	5904	-34410.0	-45942.1	-12913.3	-26033.9	-54318.2
-19.88	5903	-5225.7	-37494.7	-13422.7	-372.3	-42348.0

	NODE	Vxx	Vyy
Max	Cent	67.1	28.1
	6175	17.5	29.7
	6176	17.5	27.0
	5904	137.8	27.0
Min	5903	137.8	29.7
	Cent	-18.5	-70.1
	6175	-18.1	-68.6
	6176	-18.1	-71.9
	5904	-50.4	-71.9
	5903	-50.4	-68.6

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
34.17	c mob-b	Max	Cent	275.1	49.8	283.8	467.7	-142.9
39.78			6175	153.3	48.8	283.8	389.5	-187.5
40.62		6176	153.3	65.7	283.8	396.6	-177.6	
24.73		5904	551.3	65.7	283.8	681.9	-64.9	
24.24		5903	551.3	48.8	283.8	679.0	-79.0	
-21.49		Min	Cent	-28.7	-309.6	-130.9	22.8	-361.1
-28.86			6175	-58.2	-223.6	-130.9	13.9	-295.7
-15.80			6176	-58.2	-483.7	-130.9	-21.2	-520.7
-18.05			5904	-124.7	-483.7	-130.9	-82.1	-526.3
-34.65			5903	-124.7	-223.6	-130.9	-34.3	-314.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
59.19	Max	Cent	21813.6	56523.1	32133.4	75688.8	2647.9
50.67		6175	16502.1	27263.4	26814.5	49231.8	-5466.3
58.48		6176	17371.7	45058.5	27220.2	61753.3	676.9
64.07		5904	27916.6	84373.1	35937.4	101843.1	10446.6
56.53		5903	42413.2	72718.4	35577.2	96235.4	18896.2
-27.49	Min	Cent	-12513.1	-35315.7	-16265.1	-4051.3	-43777.6
-34.87		6175	-14181.8	-26445.7	-16617.4	-2601.1	-38026.4
-28.70		6176	-9787.1	-30430.3	-16145.0	-946.3	-39271.1
-37.00		5904	-36112.0	-45376.0	-16153.3	-23939.7	-57548.3
		5903	-5664.3	-41965.8	-16641.1	809.6	-48439.7

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-21.26

	NODE	Vxx	Vyy
Max	Cent	67.5	25.4
	6175	21.9	31.6
	6176	21.9	19.9
	5904	140.9	19.9
	5903	140.9	31.6
Min	Cent	-17.6	-66.4
	6175	-19.8	-71.2
	6176	-19.8	-62.9
	5904	-52.0	-62.9
	5903	-52.0	-71.2

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
17.57	pp	Cent	753.5	-457.2	426.1	888.4	-592.1
36.12		6175	152.1	-120.9	426.1	463.0	-431.8
21.01		6176	152.1	-793.4	426.1	315.8	-957.1
10.82		5904	1354.9	-793.4	426.1	1436.4	-874.9
15.00		5903	1354.9	-120.9	426.1	1469.1	-235.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
53.85	Cent	29850.2	66690.0	57706.5	108845.1	-12304.9
38.13	6175	10568.8	-8905.7	39827.8	41832.4	-40169.2
51.82	6176	19259.1	40056.7	42848.0	73749.7	-14434.0
68.92	5904	-25161.8	134651.7	72352.0	162540.6	-53050.7
42.16	5903	114734.9	100957.4	69331.7	177519.2	38173.0

	NODE	Vxx	Vyy
	Cent	153.2	-153.5
	6175	2.3	-141.9
	6176	2.3	-165.0
	5904	304.0	-165.0
	5903	304.0	-141.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-60.43	vento -y	Cent	-35.0	30.8	-55.1	62.1	-66.2
-44.67		6175	22.8	21.5	-55.1	77.2	-32.9
-49.48		6176	22.8	40.2	-55.1	87.2	-24.3
-70.17		5904	-92.7	40.2	-55.1	60.0	-112.6
-68.02		5903	-92.7	21.5	-55.1	43.8	-115.0

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-47.09		Cent	65.5	221.5	-1068.1	1214.4	-927.4
-48.54		6175	140.5	419.1	-1120.9	1409.3	-849.8
-53.73		6176	333.2	1065.4	-1164.0	1919.5	-520.9
-32.45		5904	826.4	-106.6	-996.1	1459.8	-740.0
-53.00		5903	-1038.2	-491.7	-953.0	226.4	-1756.4
		NODE	Vxx	Vyy			
		Cent	-1.9	1.6			
		6175	-0.1	1.1			
		6176	-0.1	2.0			
		5904	-3.7	2.0			
		5903	-3.7	1.1			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-57.85	cedime~1	Cent	-105.3	105.2	-218.6	242.6	-242.7
-45.02		6175	74.9	75.2	-218.6	293.7	-143.6
-48.93		6176	74.9	135.2	-218.6	325.7	-115.7
-66.94		5904	-285.5	135.2	-218.6	228.2	-378.5
-64.76		5903	-285.5	75.2	-218.6	178.3	-388.5
ANGLE		NODE	Mxx	Myy	Mxy	Mmax	Mmin
-80.82		Cent	-1797.5	4426.0	-1032.6	4592.9	-1964.4
-62.24		6175	-1329.1	1525.3	-2077.5	2618.6	-2422.4
-76.36		6176	-1769.7	6985.8	-2258.3	7533.9	-2317.9
-88.67		5904	-3885.2	5231.1	-211.8	5236.0	-3890.1
-89.57		5903	-206.0	3961.9	-31.0	3962.2	-206.3
		NODE	Vxx	Vyy			
		Cent	5.7	-0.7			
		6175	3.2	-3.5			
		6176	3.2	2.1			
		5904	8.2	2.1			
		5903	8.2	-3.5			
ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	perm	Cent	183.7	-92.0	69.2	200.2	-108.5

PROJECT TITLE :

	Company		Client	
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13.33							
		6175	70.1	-18.7	69.2	108.0	-56.5
28.67							
		6176	70.1	-165.4	69.2	89.0	-184.3
15.23							
		5904	297.4	-165.4	69.2	307.5	-175.5
8.33							
		5903	297.4	-18.7	69.2	311.9	-33.2
11.83							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	4515.7	17917.8	18167.7	30580.9	-8147.3
55.12							
		6175	-321.7	-3132.6	13229.1	11576.4	-15030.7
41.97							
		6176	1440.2	10557.0	13943.8	20668.5	-8671.4
54.05							
		5904	-14120.9	35857.6	22029.1	44181.2	-22444.5
69.30							
		5903	31065.3	28389.4	21314.4	51083.7	8371.0
43.20							

	NODE	Vxx	Vyy

	Cent	49.4	-42.8
	6175	2.0	-40.2
	6176	2.0	-45.3
	5904	96.8	-45.3
	5903	96.8	-40.2

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~1	Max	Cent	601.7	99.4	452.3	842.8	-8.7
28.06								
			6175	367.3	122.4	452.3	638.4	-19.0
37.42								
			6176	367.3	94.7	452.3	607.9	-39.5
34.90								
			5904	1230.1	94.7	452.3	1374.7	34.7
17.73								
			5903	1230.1	122.4	452.3	1383.2	60.6
18.70								
		Min	Cent	11.0	-576.6	-339.7	136.8	-646.8
-9.63								
			6175	-95.7	-320.6	-339.7	-43.0	-490.8
-23.56								
			6176	-95.7	-1010.3	-339.7	-80.0	-1026.1
-7.41								
			5904	-236.3	-1010.3	-339.7	-89.5	-1024.0
-23.38								
			5903	-236.3	-320.6	-339.7	85.2	-580.5
-16.61								

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	34023.8	98650.0	61547.8	134468.0	-3591.7
59.38								
			6175	22231.7	35198.3	49428.6	77710.9	-19837.2
48.30								
			6176	26143.0	78371.8	50691.0	106822.4	-4077.4
59.57								

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67.06		5904	26233.0	158802.3	70544.6	188563.1	-5125.8
53.05		5903	90701.9	130521.1	69343.6	182652.4	38364.6
-20.42	Min	Cent	-14174.5	-29758.4	-4822.8	-12378.9	-30549.0
-23.44		6175	-20796.2	-38834.3	-12416.7	-14984.9	-43963.8
-21.90		6176	-13542.1	-30523.9	-11246.7	-8159.8	-34136.4
89.65		5904	-66757.2	-26164.2	10.4	-26162.9	-66757.3
-1.42		5903	23212.5	-28264.4	-1182.0	23241.9	-28290.0

	NODE	Vxx	Vyy
Max	Cent	146.3	-4.8
	6175	34.8	2.4
	6176	34.8	-6.8
	5904	295.2	-6.8
	5903	295.2	2.4
Min	Cent	24.4	-138.2
	6175	-24.8	-139.9
	6176	-24.8	-142.4
	5904	26.6	-142.4
	5903	26.6	-139.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
17.57	INV TO~2	Max	Cent	1017.3	99.4	575.2	1199.4	-8.7
37.42			6175	367.3	122.4	575.2	638.4	-19.0
34.90			6176	367.3	94.7	575.2	607.9	-39.5
10.82			5904	1829.2	94.7	575.2	1939.1	34.7
15.00			5903	1829.2	122.4	575.2	1983.3	60.6
-9.63		Min	Cent	11.0	-617.2	-339.7	136.8	-799.3
-23.56			6175	-95.7	-320.6	-339.7	-43.0	-583.0
-7.41			6176	-95.7	-1071.1	-339.7	-80.0	-1292.1
-23.38			5904	-236.3	-1071.1	-339.7	-89.5	-1181.1
-16.61			5903	-236.3	-320.6	-339.7	85.2	-580.5

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
53.85	Max	Cent	40297.8	98650.0	77903.8	146940.9	-3591.7	
48.30			6175	22231.7	35198.3	53767.5	77710.9	-19837.2
59.57			6176	26143.0	78371.8	57844.9	106822.4	-4077.4
68.92			5904	26233.0	181779.8	97675.2	219429.8	-5125.8
42.16			5903	154892.1	136292.5	93597.8	239650.9	51533.6
	Min	Cent	-14174.5	-29758.4	-4822.8	-12378.9	-30549.0	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-20.42							
	6175	-20796.2	-38834.3	-12416.7	-14984.9	-54228.4	
-23.44							
	6176	-13542.1	-30523.9	-11246.7	-8159.8	-34136.4	
-21.90							
	5904	-66757.2	-26164.2	10.4	-26162.9	-71618.5	
89.65							
	5903	23212.5	-28264.4	-1182.0	23241.9	-28290.0	
-1.42							

	NODE	Vxx	Vyy
Max	Cent	206.8	-4.8
	6175	34.8	2.4
	6176	34.8	-6.8
	5904	410.5	-6.8
	5903	410.5	2.4
Min	Cent	24.4	-207.2
	6175	-24.8	-191.6
	6176	-24.8	-222.7
	5904	26.6	-222.7
	5903	26.6	-191.6

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6383	1	5	c mob-a	Max	Cent	174.1	172.3	149.4	322.6	23.8
44.83					6176	189.5	89.1	154.7	301.9	-23.4
36.01					6177	189.6	262.8	144.1	374.9	77.5
52.13					5905	587.5	270.1	143.7	642.9	214.7
21.08					5904	587.3	86.8	155.1	631.5	42.6
15.90				Min	Cent	-40.2	-552.3	-227.5	46.2	-638.7
-20.81					6176	-285.5	-633.3	-228.7	-172.0	-746.7
-26.38					6177	-285.2	-507.8	-226.3	-144.4	-648.7
-31.91					5905	-167.7	-513.2	-226.2	-55.9	-625.1
-26.31					5904	-167.8	-640.0	-228.8	-75.1	-732.7
-22.05										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
	Max	Cent	20920.1	68640.5	39764.5	91154.0	-1593.4
60.48		6176	9835.6	39565.8	39001.5	66439.0	-17037.7
55.43		6177	41031.6	52009.5	35397.3	82340.9	10700.3
49.41		5905	30279.0	98214.6	36513.6	114117.2	14376.5
66.47		5904	61603.3	92882.9	40913.9	121044.3	33441.9
55.46	Min	Cent	-11012.8	-38593.0	-12503.6	-6188.2	-43417.6
-21.10		6176	-21679.8	-27768.3	-14696.8	-9715.3	-39732.9
-39.15		6177	-18762.8	-25697.1	-10652.8	-11027.1	-33432.8
-35.99							

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-36.48	5905	-58009.9	-65882.1	-12841.7	-48514.6	-75377.4
-18.70	5904	-5647.4	-41467.6	-13697.3	-1010.0	-46104.9

	NODE	Vxx	Vyy
Max	Cent	61.2	40.6
	6176	35.5	27.0
	6177	35.5	51.9
	5905	193.7	56.8
Min	5904	193.7	27.0
	Cent	-13.5	-76.0
	6176	-82.0	-71.9
	6177	-82.0	-86.3
	5905	-61.8	-80.6
5904	-61.8	-71.9	

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
32.46	c mob-b	Max	Cent	161.0	44.7	124.2	239.9	-34.2
33.50			6176	168.8	60.8	127.3	253.1	-23.4
32.49		6177	168.7	55.6	121.1	245.8	-21.4	
19.34		5905	358.5	56.6	120.8	400.9	14.2	
20.38		5904	358.5	62.6	127.5	405.9	15.2	
-23.85		Min	Cent	-30.8	-431.5	-220.2	66.6	-528.9
-24.82			6176	-113.2	-489.0	-221.1	-10.9	-591.3
-26.96			6177	-113.1	-432.5	-219.2	-1.5	-544.0
-27.37			5905	-125.8	-435.7	-219.2	-12.3	-549.2
-25.09			5904	-125.6	-494.5	-221.2	-22.1	-598.1

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
60.06	Max	Cent	17184.4	64305.5	40611.9	87696.3	-6206.4
56.51		6176	9765.6	42628.0	38663.2	68206.6	-15813.0
51.69		6177	34251.2	51214.2	35677.8	79404.8	6060.6
63.14		5905	20606.8	75800.7	37592.7	94838.5	1568.9
54.91		5904	57337.4	87931.8	42434.1	117741.7	27527.4
-23.73	Min	Cent	-10817.9	-35847.3	-13639.8	-4821.5	-41843.7
-35.56		6176	-21902.3	-30473.8	-12532.2	-12943.3	-39432.8
-29.56		6177	-12521.7	-26018.6	-11287.1	-6119.5	-32420.8
-50.53		5905	-53972.7	-48469.4	-14076.4	-36878.2	-65563.9
-21.94		5904	-8548.1	-40484.8	-15356.6	-2362.1	-46670.8

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	Company		Client	
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	NODE	Vxx	Vyy
Max	Cent	60.7	24.2
	6176	27.1	19.9
	6177	27.1	27.5
	5905	196.0	31.9
Min	5904	196.0	19.9
	Cent	-14.0	-56.6
	6176	-77.2	-62.9
	6177	-77.2	-55.1
	5905	-54.0	-46.2
	5904	-54.0	-62.9

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	pp	Cent	403.3	-933.7	-588.4	625.3	-1155.8
-20.68		6176	47.3	-857.8	-590.7	338.9	-1149.3
-26.27		6177	47.1	-1009.7	-586.0	307.8	-1270.3
-23.98		5905	768.5	-1015.8	-585.8	943.7	-1190.9
-16.65		5904	768.7	-851.7	-590.9	961.3	-1044.3
-18.05							

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
	Cent	23755.8	104559.1	102345.5	174188.8	-45873.9
55.77	6176	-30898.6	30025.1	92430.9	96884.4	-97757.9
54.12	6177	69090.3	87136.7	91430.7	169988.4	-13761.4
47.82	5905	-94525.4	130957.4	98788.2	168115.1	-131683.0
69.39	5904	150062.6	169696.6	106144.5	266477.1	53282.1
47.64						

	NODE	Vxx	Vyy
	Cent	156.1	-137.2
	6176	-170.5	-165.0
	6177	-170.5	-129.7
	5905	491.3	-88.8
	5904	491.3	-165.0

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
	vento -y	Cent	-29.6	23.9	-9.5	25.6	-31.3
-80.24		6176	24.0	39.3	-10.0	44.2	19.1
-63.69		6177	24.0	8.6	-9.0	28.2	4.5
-24.84		5905	-84.7	7.4	-9.0	8.3	-85.6
-84.47		5904	-84.6	40.5	-10.0	41.3	-85.4
-85.45							

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
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	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

ANGLE

	Cent	Vxx	Vyy	Fxx	Fyy	Fxy	Fmax	Fmin
-49.52	-240.5	182.7	-1331.4	1319.2	-1377.0			
-53.47	6176	403.2	1079.3	-1110.3	1901.9	-419.4		
-52.16	6177	274.6	987.0	-1395.2	2070.7	-809.1		
-38.06	5905	1.6	-738.1	-1497.4	1174.2	-1910.6		
-56.25	5904	-1641.7	-600.2	-1256.8	239.5	-2481.4		

NODE Vxx Vyy

Cent	-1.6	2.3
6176	0.2	2.0
6177	0.2	2.6
5905	-3.5	2.4
5904	-3.5	2.0

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-70.80	cedime~1	Cent	-97.4	67.7	-65.4	90.5	-120.2
-53.03		6176	90.7	129.5	-67.3	180.2	40.0
-28.17		6177	90.6	6.0	-63.5	124.6	-28.1
-78.25		5905	-290.4	1.0	-63.4	14.2	-303.6
-81.19		5904	-290.3	134.4	-67.5	144.9	-300.7

ANGLE

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-83.09	Cent	-5727.4	5402.1	-1369.5	5568.1	-5893.5
-86.20	6176	-4033.7	6533.0	-705.3	6579.8	-4080.6
-78.45	6177	-2097.7	8235.7	-2203.4	8685.9	-2547.9
-79.94	5905	-11160.1	1934.7	-2398.4	2360.1	-11585.6
-85.61	5904	-5684.8	4871.2	-814.5	4933.7	-5747.3

NODE Vxx Vyy

Cent	3.4	4.7
6176	-3.1	2.1
6177	-3.1	6.9
5905	10.1	7.7
5904	10.1	2.1

ANGLE

	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-21.18	perm	Cent	95.9	-211.6	-140.2	150.2	-266.0
		6176	41.9	-182.8	-141.1	110.0	-250.8

PROJECT TITLE :

	Company		Client	
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-25.73							
		6177	41.9	-240.4	-139.3	99.1	-297.6
-22.32							
		5905	151.2	-242.7	-139.3	195.5	-287.0
-17.63							
		5904	151.3	-180.5	-141.2	203.2	-232.5
-20.20							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Cent	1736.7	27983.0	29368.2	47026.7	-17307.1
57.04							
		6176	-12856.6	7697.6	26760.3	26086.3	-31245.4
55.50							
		6177	14640.5	23557.2	26230.7	45705.7	-7508.0
49.82							
		5905	-33126.2	34288.3	28116.0	44475.1	-43313.0
70.08							
		5904	37921.7	46266.2	30438.7	72817.3	11370.6
48.90							

		NODE	Vxx	Vyy
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		Cent	46.6	-37.0
		6176	-46.8	-45.3
		6177	-46.8	-34.5
		5905	142.4	-22.8
		5904	142.4	-45.3

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
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	INV TO~1	Max	Cent	330.9	88.7	61.5	342.7	88.6
10.82								
			6176	388.4	66.9	67.8	388.4	66.9
0.08								
			6177	388.4	120.3	55.2	388.7	120.1
-1.77								
			5905	944.4	122.9	54.7	948.0	122.8
3.79								
			5904	944.2	71.1	68.3	948.8	71.1
3.86								
		Min	Cent	-55.8	-957.2	-512.8	188.2	-1133.4
-25.45								
			6176	-343.4	-1037.8	-517.2	-122.3	-1258.9
-26.17								
			6177	-343.2	-925.9	-508.3	-102.8	-1194.3
-28.39								
			5905	-365.6	-935.6	-508.0	-67.9	-1232.3
-30.38								
			5904	-365.5	-1044.5	-517.6	-52.9	-1222.6
-31.13								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
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		Max	Cent	29978.9	126049.7	84194.3	172365.2	-20310.5
60.79								
			6176	421.4	71778.4	79412.3	121351.2	-46182.8
57.80								
			6177	70033.2	102005.6	74395.7	159145.5	10795.6
51.64								
			5905	7750.5	168812.7	78866.2	199342.2	-24713.7
67.63								

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54.69			5904	121086.2	176529.3	87724.8	238093.2	55075.8
45.21	Min	Cent		-18858.0	-24117.5	9585.1	-9201.4	-30878.8
61.49			6176	-46458.5	-33442.0	6214.2	-29684.0	-53185.2
43.86			6177	-12787.0	-11567.9	8789.7	-126.7	-22130.5
81.10			5905	-122599.6	-54652.5	6714.5	-53226.0	-123238.9
17.43			5904	20697.0	-9715.1	8892.8	23488.2	-12160.0

	NODE	Vxx	Vyy
Max	Cent	132.6	22.5
	6176	1.2	-6.8
	6177	1.2	42.6
	5905	417.1	61.7
	5904	417.1	-6.8
Min	Cent	27.7	-139.6
	6176	-160.7	-142.4
	6177	-160.7	-150.9
	5905	58.9	-131.5
	5904	58.9	-142.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-20.68	INV TO~2	Max	Cent	544.4	88.7	61.5	844.2	88.6
-26.27			6176	388.4	66.9	67.8	457.5	66.9
-23.98			6177	388.4	120.3	55.2	415.5	120.1
-16.65			5905	1037.5	122.9	54.7	1273.9	122.8
-18.05			5904	1037.7	71.1	68.3	1297.7	71.1
-25.45		Min	Cent	-55.8	-1260.5	-794.3	188.2	-1560.3
-26.17			6176	-343.4	-1158.0	-797.5	-122.3	-1551.6
-28.39			6177	-343.2	-1363.1	-791.1	-102.8	-1714.9
-30.38			5905	-365.6	-1371.3	-790.9	-67.9	-1607.7
-31.13			5904	-365.5	-1149.7	-797.7	-52.9	-1409.7

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin		
55.77	Max	Cent	32070.3	141154.7	138166.4	235154.8	-20310.5	
54.12		6176	421.4	71778.4	124781.8	130794.0	-46182.8	
47.82		6177	93271.9	117634.5	123431.5	229484.3	10795.6	
69.39		5905	7750.5	176792.6	133364.1	226955.4	-24713.7	
47.64		5904	202584.6	229090.4	143295.1	359744.1	71930.9	
45.21		Min	Cent	-18858.0	-24117.5	9585.1	-9201.4	-61929.8
			6176	-46458.5	-33442.0	6214.2	-29684.0	-131973.1

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61.49							
	6177	-12787.0	-11567.9	8789.7	-126.7	-22130.5	
43.86							
	5905	-127609.2	-54652.5	6714.5	-53226.0	-177772.1	
81.10							
	5904	20697.0	-9715.1	8892.8	23488.2	-12160.0	
17.43							

	NODE	Vxx	Vyy
Max	Cent	210.8	22.5
	6176	1.2	-6.8
	6177	1.2	42.6
	5905	663.2	61.7
	5904	663.2	-6.8
Min	Cent	27.7	-185.3
	6176	-230.1	-222.7
	6177	-230.1	-175.0
	5905	58.9	-131.5
	5904	58.9	-222.7

ELEM	MAT	SEC	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
6384	1	5	c mob-a	Max	Cent	28.5	13.1	32.1	53.9	-12.3
38.23					6177	204.6	236.0	34.4	258.1	182.6
57.28					3232	204.7	89.7	29.9	212.0	82.4
13.72					5906	237.5	81.4	30.0	243.0	75.9
10.52					5905	238.1	213.9	34.2	262.3	189.7
35.24				Min	Cent	-237.9	-704.5	-761.3	325.0	-1267.5
-36.48					6177	-320.3	-626.7	-766.4	308.1	-1255.1
-39.35					3232	-321.0	-1165.6	-756.2	122.8	-1609.5
-30.41					5906	-584.6	-1138.7	-756.5	-56.0	-1667.3
-34.94					5905	-584.4	-623.7	-766.1	162.3	-1370.4
-44.27										

	NODE	Mxx	Myy	Mxy	Mmax	Mmin
Max	Cent	24288.9	147948.4	60216.9	172426.2	-188.9
	6177	9196.0	46925.8	22379.4	57330.7	-1208.8
	3232	65027.9	184867.4	20352.5	188229.6	61665.7
	5906	11308.4	325709.9	96075.1	352744.1	-15725.8
	5905	77555.5	108636.2	111608.1	205780.7	-19589.0
Min	Cent	-13412.8	-37178.1	-18431.7	-3365.5	-47225.5
	6177	-24756.2	-28207.2	-5260.0	-20945.9	-32017.5
	3232	-34279.1	-48095.4	-8864.7	-29948.7	-52425.8
	5906	-57072.2	-105293.0	-34514.3	-39081.0	-123284.2

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Max	Cent	102.7	25.3
	6177	25.6	27.4
Min	3232	25.6	54.7
	5906	230.3	54.7
	5905	230.3	31.5
	Cent	-10.8	-131.5
	6177	-48.4	-53.3
Min	3232	-48.4	-236.9
	5906	-43.5	-236.9
	5905	-43.5	-43.4

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-36.95	pp	Cent	-618.6	-1776.0	-2005.2	889.7	-3284.3
-34.28		6177	187.9	-1396.8	-2016.9	1562.6	-2771.4
-29.78		3232	187.2	-2155.1	-1993.5	1328.1	-3296.0
-39.86		5906	-1409.5	-2133.4	-1994.2	255.3	-3798.2
-44.93		5905	-1408.8	-1418.5	-2016.2	602.6	-3429.9

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
69.27	Cent	25724.8	381461.2	157120.4	440919.7	-33733.6
64.73	6177	-39513.6	59833.9	60323.6	88303.7	-67983.4
84.28	3232	93564.8	485909.1	39720.4	489889.9	89584.0
75.89	5906	-130314.3	772473.4	242245.3	833367.8	-191208.6
46.50	5905	181058.9	208973.6	265833.1	461215.5	-71183.0

NODE	Vxx	Vyy
Cent	280.1	-315.1
6177	-75.7	-123.8
3232	-75.7	-528.3
5906	629.0	-528.3
5905	629.0	-80.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin
-71.92	vento -y	Cent	-19.3	-9.6	-3.6	-8.5	-20.5
-29.80		6177	19.1	14.1	-4.3	21.6	11.6
-3.07		3232	19.1	-33.3	-2.8	19.2	-33.5
-83.57		5906	-57.0	-32.0	-2.9	-31.6	-57.4
-86.53		5905	-57.0	12.7	-4.2	13.0	-57.3

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin
-------	------	-----	-----	-----	------	------

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

```

-----
-71.40          Cent    -605.9    1529.7    -810.6    1802.5    -878.7
-58.68          6177     -8.3      998.8     -973.2    1591.0    -600.4
-50.07          3232    -494.1     25.7     -1454.5    1243.3    -1711.8
-86.58          5906     670.9    6131.7    -327.1    6151.2     651.4
84.94           5905    -2578.9   -999.5     140.8     -987.0    -2591.4
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent      -1.1     -3.4
          6177         0.5       2.7
          3232         0.5     -9.4
          5906        -2.7     -9.4
          5905        -2.7       2.5
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
cedime~1      Cent      -79.6     -67.4     -58.1     -15.0     -131.9
-47.99        6177         87.4       20.3     -60.8     123.3     -15.7
-30.56        3232         87.2    -155.0     -55.4      99.3    -167.1
-12.30        5906    -243.2    -150.0     -55.6    -124.0    -269.2
-65.00        5905    -243.1      15.2     -60.7      28.8     -256.6
-77.42
    
```

```

          NODE      Mxx      Myy      Mxy      Mmax      Mmin
-----
ANGLE
-----
          Cent    -8762.0    22407.0    2233.1    22566.2   -8921.2
85.92         6177    -6916.8     7294.9   -2092.5    7596.6   -7218.4
-81.80        3232    -6838.8    17323.2   -5532.9   18529.9   -8045.6
-77.70        5906    -9084.3    61479.7     7829.0   62337.9   -9942.5
83.74         5905   -12048.7     3784.3   11270.4    9640.7   -17905.1
62.54
    
```

```

-----
          NODE      Vxx      Vyy
-----
          Cent         7.9     -31.8
          6177         3.0       7.3
          3232         3.0     -71.1
          5906        12.7    -71.1
          5905        12.7       7.9
    
```

```

          LC      NODE      Fxx      Fyy      Fxy      Fmax      Fmin
-----
ANGLE
-----
perm          Cent    -150.3    -439.6    -475.2     201.8     -791.7
-36.54        6177         67.5    -331.2    -478.6     386.5     -650.3
-33.69        3232         67.2    -548.1    -471.9     322.9     -803.7
    
```

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-28.45							
		5906	-363.9	-541.9	-472.1	27.5	-933.2
-39.66							
		5905	-363.7	-337.4	-478.4	128.0	-829.1
-45.79							

ANGLE

		NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	------	-----	-----	-----	------	------

		Cent	1934.1	105093.2	43565.1	121029.3	-14002.0
69.91		6177	-15128.4	15956.2	16828.6	23321.6	-22493.8
66.36		3232	20598.7	132875.8	10622.3	133871.9	19602.6
84.64		5906	-41355.9	215851.4	67255.0	232375.7	-57880.2
76.20		5905	44165.5	56086.8	74270.8	124635.7	-24383.4
47.29							

		NODE	Vxx	Vyy
--	--	------	-----	-----

		Cent	78.3	-89.4
		6177	-19.5	-32.8
		3232	-19.5	-152.1
		5906	174.2	-152.1
		5905	174.2	-20.8

ANGLE

	LC		NODE	Fxx	Fyy	Fxy	Fmax	Fmin
--	----	--	------	-----	-----	-----	------	------

	INV TO~1	Max	Cent	-104.9	-422.0	-431.8	640.5	-723.4
-36.50			6177	431.1	7.8	-432.2	917.1	-301.8
-37.20			3232	430.9	-427.0	-431.5	627.0	-620.2
-21.94			5906	-43.3	-431.9	-431.5	235.7	-710.9
-32.88			5905	-42.2	-33.5	-432.2	386.7	-477.7
-44.79		Min	Cent	-551.1	-1458.1	-1561.1	176.2	-2630.2
-36.36			6177	-364.9	-1177.2	-1574.1	633.0	-2351.5
-33.80			3232	-366.1	-2276.7	-1548.2	487.8	-3120.3
-29.77			5906	-1396.4	-2229.1	-1548.9	-208.8	-3416.6
-37.48			5905	-1395.7	-1179.4	-1573.3	297.7	-2857.5
-47.10								

ANGLE

			NODE	Mxx	Myy	Mxy	Mmax	Mmin
--	--	--	------	-----	-----	-----	------	------

		Max	Cent	34724.2	327230.5	127090.9	373682.0	-14149.8
69.92			6177	-2713.7	86600.9	47040.7	104329.4	-24110.9
68.47			3232	108386.3	399770.0	38098.2	403284.6	103188.7
83.84			5906	-26089.6	717039.5	204785.4	769177.2	-78906.0
75.72			5905	148865.4	206529.9	236212.1	410443.3	-22853.1
49.20								

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

76.13	Min	Cent	-24935.2	54902.7	18682.3	59514.1	-29048.2
72.18		6177	-55466.0	-23060.2	7043.6	-20123.8	-56678.6
-89.18		3232	-32516.9	67947.0	-6877.9	67966.4	-32917.1
83.95		5906	-128106.3	73705.8	20660.7	75895.8	-131153.7
29.97		5905	15935.4	-18373.5	15090.9	31133.8	-67096.7

	NODE	Vxx	Vyy
Max	Cent	228.0	-40.7
	6177	40.5	44.1
	3232	40.5	-8.7
	5906	504.4	-8.7
	5905	504.4	63.6
Min	Cent	63.7	-298.7
	6177	-104.3	-146.8
	3232	-104.3	-565.5
	5906	95.2	-565.5
	5905	95.2	-126.3

ANGLE	LC	NODE	Fxx	Fyy	Fxy	Fmax	Fmin	
-36.95	INV TO~2	Max	Cent	-104.9	-422.0	-431.8	1201.1	-723.4
-34.28		6177	431.1	7.8	-432.2	2109.5	-301.8	
-29.78		3232	430.9	-427.0	-431.5	1793.0	-620.2	
-39.86		5906	-43.3	-431.9	-431.5	344.7	-710.9	
-44.93		5905	-42.2	-33.5	-432.2	813.5	-477.7	
-36.36		Min	Cent	-835.2	-2397.5	-2707.0	176.2	-4433.9
-33.80		6177	-364.9	-1885.6	-2722.8	633.0	-3741.4	
-29.77		3232	-366.1	-2909.4	-2691.2	487.8	-4449.7	
-37.48		5906	-1902.8	-2880.0	-2692.1	-208.8	-5127.6	
-47.10		5905	-1901.9	-1915.0	-2721.9	297.7	-4630.4	

ANGLE	NODE	Mxx	Myy	Mxy	Mmax	Mmin	
69.27	Max	Cent	34728.5	514972.7	212112.6	595241.5	-14149.8
64.73	6177	-2713.7	86600.9	81436.8	119210.0	-24110.9	
84.28	3232	126312.5	655977.3	53622.5	661351.4	120938.4	
75.89	5906	-26089.6	1042839.1	327031.2	1125046.5	-78906.0	
46.50	5905	244429.5	282114.4	358874.6	622640.9	-22853.1	
76.13	Min	Cent	-24935.2	54902.7	18682.3	59514.1	-45540.3
72.18	6177	-55466.0	-23060.2	7043.6	-20123.8	-91777.6	
	3232	-32516.9	67947.0	-6877.9	67966.4	-32917.1	

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

-89.18		5906	-175924.3	73705.8	20660.7	75895.8	-258131.7
83.95		5905	15935.4	-18373.5	15090.9	31133.8	-96097.0
29.97							

	NODE	Vxx	Vyy
Max	Cent	378.1	-40.7
	6177	40.5	44.1
	3232	40.5	-8.7
	5906	849.1	-8.7
	5905	849.1	63.6
Min	Cent	63.7	-425.3
	6177	-104.3	-167.1
	3232	-104.3	-713.2
	5906	95.2	-713.2
	5905	95.2	-126.3

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl

TRUSS ELEMENT FORCES DEFAULT PRINTOUT

Unit System : N , mm

ELEM	MAT	SEC	LC		FORCE-I	FORCE-J			
797	2	3	c mob-a	Max	65286.3	65286.3			
				Min	-47883.9	-47883.9			
			c mob-b	Max	110037.0	110037.0			
				Min	-51225.6	-51225.6			
			pp		75689.9	75689.9			
			vento -y		-2326.0	-2326.0			
			cedime~1		112727.2	112727.2			
			perm		48951.6	48951.6			
			INV TO~1	Max	310228.6	310228.6			
				Min	-20202.9	-20202.9			
			INV TO~2	Max	310228.6	310228.6			
				Min	-20202.9	-20202.9			
			877	2	3	c mob-a	Max	42737.5	42737.5
							Min	-18274.8	-18274.8
c mob-b	Max	42734.5				42734.5			
	Min	-35893.8				-35893.8			
pp		-25577.3				-25577.3			
vento -y		3584.9				3584.9			
cedime~1		-54494.9				-54494.9			
perm		-11445.4				-11445.4			
INV TO~1	Max	46250.2				46250.2			
	Min	-114396.9				-114396.9			
INV TO~2	Max	46250.2				46250.2			
	Min	-114396.9				-114396.9			
882	2	3				c mob-a	Max	76526.0	76526.0
							Min	-65690.4	-65690.4
			c mob-b	Max	78987.7	78987.7			
				Min	-125835.8	-125835.8			
			pp		-78436.0	-78436.0			
			vento -y		4935.4	4935.4			
			cedime~1		-143427.4	-143427.4			
			perm		-51460.1	-51460.1			
			INV TO~1	Max	55173.3	55173.3			
				Min	-364765.7	-364765.7			
			INV TO~2	Max	55173.3	55173.3			
				Min	-364765.7	-364765.7			
			1007	2	2	c mob-a	Max	197392.1	197392.1
							Min	-7522.7	-7522.7
c mob-b	Max	210266.6				210266.6			
	Min	-19441.0				-19441.0			
pp		259696.9				259104.6			
vento -y		5513.2				5513.2			
cedime~1		-66651.3				-66651.3			
perm		83024.5				83024.5			
INV TO~1	Max	366884.3				366884.3			
	Min	-9872.2				-9872.2			
INV TO~2	Max	366884.3				366884.3			
	Min	-9872.2				-9872.2			
2069	2	3				c mob-a	Max	31326.1	31326.1
							Min	-26516.9	-26516.9
			c mob-b	Max	35440.7	35440.7			
				Min	-26372.6	-26372.6			
			pp		-20318.0	-18490.8			
			vento -y		4233.3	4233.3			
			cedime~1		28282.3	28282.3			
			perm		-2420.4	-2420.4			
			INV TO~1	Max	73706.8	73706.8			
				Min	-38218.3	-38218.3			

PROJECT TITLE :

	Company			Client
	Author			File Name
				impalcatoUP8-UP9-rev6-OUT.anl

			INV TO~2	Max	73706.8	73706.8
				Min	-38218.3	-38218.3
2070	2	3	c mob-a	Max	24551.5	24551.5
				Min	-62304.5	-62304.5
			c mob-b	Max	29665.2	29665.2
				Min	-69794.3	-69794.3
			pp		-49807.0	-47979.8
			vento -y		-3398.2	-3398.2
			cedime~1		-32248.2	-32248.2
			perm		-32109.7	-32109.7
			INV TO~1	Max	7938.3	7938.3
				Min	-158580.2	-158580.2
			INV TO~2	Max	7938.3	7938.3
				Min	-158580.2	-158580.2
3013	2	3	c mob-a	Max	40229.5	40229.5
				Min	-41418.8	-41418.8
			c mob-b	Max	100484.0	100484.0
				Min	-29624.9	-29624.9
			pp		10294.6	10294.6
			vento -y		-1298.4	-1298.4
			cedime~1		30274.1	30274.1
			perm		-803.9	-803.9
			INV TO~1	Max	165123.6	165123.6
				Min	-56719.3	-56719.3
			INV TO~2	Max	165123.6	165123.6
				Min	-56719.3	-56719.3
6473	2	2	c mob-a	Max	116924.3	116924.3
				Min	-55638.9	-55638.9
			c mob-b	Max	152979.6	152979.6
				Min	-49446.0	-49446.0
			pp		107193.7	107479.2
			vento -y		-5337.3	-5337.3
			cedime~1		27885.3	27885.3
			perm		79569.4	79569.4
			INV TO~1	Max	313977.1	313977.1
				Min	4456.8	4456.8
			INV TO~2	Max	313977.1	313977.1
				Min	4456.8	4456.8

PROJECT TITLE :

	Company		Client	
	Author		File Name	impalcatoUP8-UP9-rev6-OUT.anl