APPENDIX F

SRV HYDRODYNAMIC ANALYSIS
RESPONSE SPECTRUM METHOD
WITH
INDEPENDENT SUPPORT MOTION

I N P U T C A R D I M A G E S

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CARD
 NO./COL. 1.......10........20........30........40........50........60........70........80
    1     ESBWR MAIN STEAM LINES-2+3 CONFIRMATORY PIPING MODEL - SRV ISM ANALYSIS
    2       412    3         1       250                   1    1    5              9806.7
    3         6
    4
    5         1                               -21611.00  19235.00   1400.00          288.0
    6         2                               -19673.00  19235.00   1400.00           57.0
    7         4                               -17579.00  19275.00   1400.00          288.0
    8         5                               -16601.00  19285.00   1400.00
    9         6                               -16017.00  19291.00   1400.00
   10         7                               -14772.00  19303.00   1400.00
   11         8                               -15798.00  19510.00   1400.00
   12         9                               -15627.00  19530.00   1400.00
   13        10                               -15119.00  20189.00   1400.00
   14        11                               -14926.00  20385.00   1400.00
   15        12                               -14744.00  20564.00   1400.00
   16        13                               -14505.00  20785.00   1400.00
   17        14                               -13925.00  21383.00   1400.00
   18        16                               -15271.00  20793.00   1400.00
   19        17                               -15077.00  20990.00   1400.00
   20        18                               -14972.00  21119.00   1400.00
   21        19                               -14850.00  21223.00   1400.00
   22        21                               -12647.50  19324.00   1400.00
   23        22                               -10523.00  19345.00   1400.00
   24        23                                -8778.00  19362.00   1400.00
   25        24                                -8114.91  19368.46   1400.00
   26        25                                -6744.56  19390.89   2442.74
   27        26                                -6742.00  19391.00   2452.00
   28        27                                -6512.00  19399.00   3284.00
   29        28                                -6173.00  19412.00   4511.00
   30        29                                -5833.00  19425.00   5738.00
   31        30                                -5750.75  19428.72   6103.40
   32        31                                -4363.64  19451.03   7213.00
   33        32                                -3851.00  19456.00   7213.00
   34        33                                -3403.86  19460.46   7213.00
   35        34                                -2348.00  20526.91   7213.00
   36        35                                -2348.00  20943.00   7213.00
   37        36                                -2348.00  21418.00   7213.00
   38        37                                -1908.06  22840.00   5860.77
   39        38                                -1805.00  22840.00   5544.00
   40        39                                -1587.00  22840.00   4872.00
   41        40                                -2221.00  22840.00   5409.00
   42        41                                -2464.00  22840.00   5330.00
   43        42                                -2934.00  22840.00   5177.00
   44        43                                -3477.00  22840.00   5000.00
   45        44                                -1451.00  22840.00   4453.00
   46        45                                -1316.00  22840.00   4036.00
   47        46                                -1208.00  22840.00   3704.00
   48        47                                -1099.00  22840.00   3370.00
   49        48                                -6742.00  19747.00   2452.00
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50	49	-6742.00	20116.00	2452.00	
51	50	-6742.00	20408.00	2452.00	
52	51	-6742.00	20641.00	2452.00	
53	52	-6742.00	20911.00	2452.00	
54	53	-6358.00	20911.00	2452.00	
55	54	-7126.00	20408.00	2452.00	
56	55	-8448.00	20408.00	2452.00	57.0
57	56	-9770.00	20408.00	2452.00	
58	57	-9799.00	20408.00	2452.00	
59	58	-10180.00	20027.00	2452.00	
60	59	-10180.00	19998.00	2452.00	
61	60	-10180.00	19133.00	2452.00	
62	61	-10180.00	18268.00	2452.00	
63	62	-10180.00	17989.00	2452.00	
64	63	-10180.00	17989.00	2173.00	
65	64	-10180.00	17989.00	2731.00	
66	65	-10180.00	17989.00	2868.00	
67	66	-10180.00	17989.00	3005.00	
68	67	-10180.00	17989.00	3284.00	
69	68	-10180.00	17989.00	3563.00	
70	69	-10180.00	17989.00	3819.00	
71	70	-10180.00	17989.00	4098.00	
72	71	-10180.00	17989.00	4377.00	
73	72	-10180.00	17989.00	5159.00	
74	73	-10180.00	18268.00	3284.00	
75	74	-10180.00	19137.00	3284.00	
76	75	-10180.00	20006.00	3284.00	
77	76	-10180.00	20035.00	3284.00	
78	77	-9799.00	20416.00	3284.00	
79	78	-9770.00	20416.00	3284.00	
80	80	-8333.00	20416.00	3284.00	
81	82	-6896.00	20416.00	3284.00	288.0
82	83	-6512.00	20416.00	3284.00	
83	84	-6512.00	20649.00	3284.00	
84	85	-6512.00	20124.00	3284.00	
85	86	-6512.00	20919.00	3284.00	
86	87	-6128.00	20919.00	3284.00	
87	88	-6512.00	19755.00	3284.00	
88	89	-9901.00	17989.00	4098.00	57.0
89	90	-9622.00	17989.00	4098.00	
90	91	-9230.00	17989.00	4098.00	
91	92	-9230.00	17989.00	4645.00	
92	93	-9230.00	18149.00	4645.00	
93	94	-8838.00	17989.00	4098.00	
94	95	-8446.00	17989.00	4098.00	
95	96	-8446.00	17989.00	4645.00	
96	97	-8446.00	18149.00	4645.00	
97	98	-7723.00	17989.00	4098.00	
98	99	-7715.29	17989.00	4098.00	
99	100	-7360.86	17989.00	3856.79	
100	101	-7357.00	17989.00	3847.00	
101	102	-7138.00	17989.00	3289.00	
102	103	-6918.00	17989.00	2731.00	

103	104	-6726.00	17989.00	2242.00	
104	105	-6715.89	17989.00	2216.39	
105	106	-6576.00	17608.00	1862.00	
106	107	-6576.00	17579.00	1862.00	
107	109	-6576.00	15581.00	1862.00	
108	110	-6576.00	14377.00	1862.00	
109	111	-6576.00	13173.00	1862.00	
110	113	-6576.00	10589.00	1862.00	
111	114	-6576.00	9311.00	1862.00	
112	115	-6576.00	8763.49	1862.00	
113	116	-7279.63	7964.70	2050.31	
114	117	-7611.00	7933.00	2139.00	
115	118	-8351.00	7865.00	2337.00	
116	121	-11901.00	7536.00	3289.00	
117	123	-13339.88	7406.30	3674.05	
118	124	-13676.00	7026.73	3764.00	
119	125	-13676.00	6994.00	3764.00	
120	126	-13676.00	6858.00	3764.00	
121	127	-13676.00	6625.00	3764.00	
122	128	-13676.00	6392.00	3764.00	
123	129	-13676.00	6158.00	3764.00	
124	130	-14038.00	6158.00	2412.00	
125	131	-15028.00	6158.00	4126.00	
126	132	-13314.00	6158.00	5116.00	
127	133	-12324.00	6158.00	3402.00	
128	134	-13676.00	5408.00	3764.00	
129	135	-13676.00	4658.00	3764.00	
130	136	-10180.00	17989.00	1087.00	
131	137	-10180.00	17989.00	0.00	
132	139	-10180.00	17989.00	-2173.00	
133	140	-10180.00	17989.00	-2452.00	
134	141	-10180.00	17989.00	-2731.00	
135	142	-10180.00	17989.00	-2868.00	
136	143	-10180.00	17989.00	-3005.00	
137	144	-10180.00	17989.00	-3284.00	
138	145	-10180.00	17989.00	-3563.00	
139	146	-10180.00	17989.00	-4345.00	
140	147	-10180.00	18268.00	-2452.00	
141	148	-10180.00	19133.00	-2452.00	
142	149	-10180.00	19998.00	-2452.00	
143	150	-10180.00	20027.00	-2452.00	
144	151	-9799.00	20408.00	-2452.00	
145	152	-9770.00	20408.00	-2452.00	
146	153	-8448.00	20408.00	-2452.00	
147	154	-7126.00	20408.00	-2452.00	288.0
148	155	-6742.00	20408.00	-2452.00	
149	156	-6742.00	20116.00	-2452.00	
150	157	-6742.00	20641.00	-2452.00	
151	158	-6742.00	20911.00	-2452.00	
152	159	-6358.00	20911.00	-2452.00	
153	160	-6742.00	19747.00	-2452.00	
154	161	-6742.00	19391.00	-2452.00	
155	162	-10180.00	18268.00	-3284.00	57.0

156	163	-10180.00	19137.00	-3284.00	
157	164	-10180.00	20006.00	-3284.00	
158	165	-10180.00	20035.00	-3284.00	
159	166	-9799.00	20416.00	-3284.00	
160	167	-9770.00	20416.00	-3284.00	
161	169	-8333.00	20416.00	-3284.00	
162	171	-6896.00	20416.00	-3284.00	288.0
163	172	-6512.00	20416.00	-3284.00	
164	173	-6512.00	20124.00	-3284.00	
165	174	-6512.00	20649.00	-3284.00	
166	175	-6512.00	20919.00	-3284.00	
167	176	-6128.00	20919.00	-3284.00	
168	177	-6512.00	19755.00	-3284.00	
169	178	-6512.00	19399.00	-3284.00	
170	179	-6173.00	19412.00	-4511.00	
171	180	-5833.00	19425.00	-5738.00	
172	181	-5750.75	19428.72	-6103.40	
173	182	-4363.64	19451.03	-7213.00	
174	183	-3851.00	19456.00	-7213.00	
175	184	-3403.86	19460.46	-7213.00	
176	185	-2348.00	20526.91	-7213.00	
177	186	-2348.00	20943.00	-7213.00	
178	187	-2348.00	21418.00	-7213.00	
179	188	-1908.06	22840.00	-5860.77	
180	189	-1805.00	22840.00	-5544.00	
181	190	-1587.00	22840.00	-4872.00	
182	191	-2221.00	22840.00	-5409.00	
183	192	-2464.00	22840.00	-5330.00	
184	193	-2934.00	22840.00	-5177.00	
185	194	-3477.00	22840.00	-5000.00	
186	195	-1451.00	22840.00	-4453.00	
187	196	-1316.00	22840.00	-4036.00	
188	197	-1208.00	22840.00	-3704.00	
189	198	-1099.00	22840.00	-3370.00	
190	199	-6744.56	19390.89	-2442.74	
191	200	-8114.91	19368.46	-1400.00	
192	201	-8778.00	19362.00	-1400.00	
193	202	-10523.00	19345.00	-1400.00	
194	203	-12647.50	19324.00	-1400.00	
195	204	-14772.00	19303.00	-1400.00	
196	205	-16017.00	19291.00	-1400.00	
197	206	-16601.00	19285.00	-1400.00	
198	207	-15798.00	19510.00	-1400.00	
199	208	-15627.00	19530.00	-1400.00	
200	209	-15119.00	20189.00	-1400.00	
201	210	-14926.00	20385.00	-1400.00	
202	211	-14744.00	20564.00	-1400.00	
203	212	-14505.00	20785.00	-1400.00	
204	213	-13925.00	21383.00	-1400.00	
205	215	-15271.00	20793.00	-1400.00	
206	216	-15077.00	20990.00	-1400.00	
207	217	-14972.00	21119.00	-1400.00	
208	218	-14850.00	21223.00	-1400.00	

209	220	-17579.00	19275.00	-1400.00	
210	222	-21611.00	19235.00	-1400.00	
211	223	-19673.00	19235.00	-1400.00	57.0
212	224	-5833.00	19781.00	5738.00	288.0
213	225	-5833.00	20150.00	5738.00	
214	226	-5833.00	20442.00	5738.00	
215	227	-5833.00	20675.00	5738.00	
216	228	-5766.00	20442.00	6116.00	
217	229	-5833.00	20945.00	5738.00	
218	230	-5900.00	20945.00	5360.00	
219	231	-5592.00	20442.00	7244.00	57.0
220	232	-5476.03	20442.00	7996.45	
221	233	-5418.00	20061.00	8373.00	
222	234	-5418.00	19229.00	8373.00	
223	235	-5418.00	18396.00	8373.00	
224	236	-5037.00	18015.00	8373.00	
225	237	-4944.00	18015.00	8373.00	
226	238	-4470.00	18015.00	8373.00	
227	239	-4470.00	18015.00	7826.00	
228	240	-4470.00	18175.00	7826.00	
229	241	-4078.00	18015.00	8373.00	
230	242	-3686.00	18015.00	8373.00	
231	243	-3686.00	18015.00	7826.00	
232	244	-3686.00	18175.00	7826.00	
233	245	-2992.00	18015.00	8373.00	
234	246	-2611.00	18015.00	7991.00	
235	247	-2611.00	18015.00	7725.00	
236	248	-2611.00	18015.00	7394.00	
237	249	-2611.00	17634.00	7013.00	
238	251	-2611.00	15607.00	7013.00	
239	252	-2611.00	14403.00	7013.00	
240	253	-2611.00	13199.00	7013.00	
241	255	-2611.00	10615.00	7013.00	
242	256	-2611.00	9337.00	7013.00	
243	257	-2611.00	8789.49	7013.00	
244	258	-2799.31	7990.70	7716.63	
245	259	-2888.00	7959.00	8048.00	
246	260	-3087.00	7891.00	8790.00	
247	263	-4038.00	7562.00	12342.00	
248	265	-4423.05	7432.30	13780.88	
249	266	-4513.00	7052.73	14117.00	
250	267	-4513.00	7020.00	14117.00	
251	268	-4513.00	6884.00	14117.00	
252	269	-4513.00	6651.00	14117.00	
253	270	-4513.00	6418.00	14117.00	
254	271	-4513.00	6184.00	14117.00	
255	272	-4151.00	6184.00	12765.00	
256	273	-3161.00	6184.00	14479.00	
257	274	-4875.00	6184.00	15469.00	
258	275	-5865.00	6184.00	13755.00	
259	276	-4513.00	5434.00	14117.00	
260	277	-4513.00	4684.00	14117.00	
261	278	-3851.00	19812.00	7213.00	288.0

262	279	-3851.00	20181.00	7213.00	
263	280	-3851.00	20473.00	7213.00	
264	281	-3851.00	20706.00	7213.00	
265	282	-3851.00	20976.00	7213.00	
266	283	-3659.00	20976.00	6881.00	
267	284	-4043.00	20473.00	7545.00	
268	285	-4159.00	20473.00	7745.00	57.0
269	286	-4180.81	20473.00	7782.86	
270	287	-4371.00	20092.00	8113.00	
271	288	-4371.00	19685.00	8113.00	
272	289	-4371.00	19278.00	8113.00	
273	290	-4371.00	18897.00	8494.00	
274	291	-4371.00	18897.00	9073.00	
275	292	-4371.00	18897.00	9653.00	
276	293	-3990.00	18897.00	10034.00	
277	294	-2749.00	18897.00	10034.00	
278	296	-1127.00	18897.00	10034.00	
279	297	-1127.00	18897.00	10610.00	
280	298	-1127.00	19057.00	10610.00	
281	299	-736.00	18897.00	10034.00	
282	300	-344.00	18897.00	10034.00	
283	301	-344.00	18897.00	10610.00	
284	302	-344.00	19057.00	10610.00	
285	303	622.70	18897.00	10034.00	
286	304	973.48	18897.00	9801.71	
287	305	1282.00	18897.00	9074.00	
288	306	1591.00	18897.00	8345.00	
289	307	1752.08	18897.00	7965.69	
290	308	1901.00	18516.00	7615.00	
291	311	1901.00	15606.00	7615.00	
292	312	1901.00	14402.00	7615.00	
293	313	1901.00	13198.00	7615.00	
294	315	1901.00	10614.00	7615.00	
295	316	1901.00	9336.00	7615.00	
296	317	1901.00	8741.88	7615.00	
297	318	2076.05	7949.60	8268.36	
298	319	2086.00	7943.50	8305.50	
299	320	2164.00	7896.00	8596.50	
300	322	2570.00	7648.50	10111.25	
301	323	2892.74	7451.76	11315.36	
302	324	2976.00	7075.41	11626.00	
303	325	2976.00	7019.00	11626.00	
304	326	2976.00	6883.00	11626.00	
305	327	2976.00	6650.00	11626.00	
306	328	2976.00	6417.00	11626.00	
307	329	2976.00	6183.00	11626.00	
308	330	2614.00	6183.00	10274.00	
309	331	4328.00	6183.00	11264.00	
310	332	3338.00	6183.00	12978.00	
311	333	1624.00	6183.00	11988.00	
312	334	2976.00	5433.00	11626.00	
313	335	2976.00	4683.00	11626.00	
314	336	-5833.00	19781.00	-5738.00	288.0

315	337	-5833.00	20150.00	-5738.00	
316	338	-5833.00	20442.00	-5738.00	
317	339	-5833.00	20675.00	-5738.00	
318	340	-5766.00	20442.00	-6116.00	
319	341	-5833.00	20945.00	-5738.00	
320	342	-5900.00	20945.00	-5360.00	
321	343	-5592.00	20442.00	-7244.00	57.0
322	344	-5476.03	20442.00	-7996.45	
323	345	-5418.00	20061.00	-8373.00	
324	346	-5418.00	19221.00	-8373.00	
325	347	-5418.00	18381.00	-8373.00	
326	348	-5037.00	18000.00	-8373.00	
327	349	-4944.00	18000.00	-8373.00	
328	350	-4470.00	18000.00	-8373.00	
329	351	-4470.00	18000.00	-7826.00	
330	352	-4470.00	18160.00	-7826.00	
331	353	-4120.00	18000.00	-8373.00	
332	354	-3769.00	18000.00	-8373.00	
333	355	-3769.00	18000.00	-7826.00	
334	356	-3769.00	18160.00	-7826.00	
335	357	-2991.00	18000.00	-8373.00	
336	358	-2610.00	18000.00	-7992.00	
337	359	-2610.00	18000.00	-7725.00	
338	360	-2610.00	18000.00	-7415.00	
339	361	-2610.00	18000.00	-7396.00	
340	362	-2610.00	17619.00	-7015.00	
341	364	-2610.00	15592.00	-7015.00	
342	365	-2610.00	14388.00	-7015.00	
343	366	-2610.00	13184.00	-7015.00	
344	368	-2610.00	10600.00	-7015.00	
345	369	-2610.00	9322.00	-7015.00	
346	370	-2610.00	8727.88	-7015.00	
347	371	-2785.05	7935.60	-7668.36	
348	372	-2795.00	7929.50	-7705.50	
349	373	-2873.00	7882.00	-7996.50	
350	375	-3279.00	7634.50	-9511.25	
351	376	-3601.74	7437.76	-10715.36	
352	377	-3685.00	7061.41	-11026.00	
353	378	-3685.00	7005.00	-11026.00	
354	379	-3685.00	6869.00	-11026.00	
355	380	-3685.00	6636.00	-11026.00	
356	381	-3685.00	6403.00	-11026.00	
357	382	-3685.00	6169.00	-11026.00	
358	383	-4048.00	6169.00	-12378.00	
359	384	-5037.00	6169.00	-10664.00	
360	385	-3323.00	6169.00	-9674.00	
361	386	-2333.00	6169.00	-11388.00	
362	387	-3685.00	5419.00	-11026.00	
363	388	-3685.00	4669.00	-11026.00	
364	389	-3851.00	19812.00	-7213.00	288.0
365	390	-3851.00	20181.00	-7213.00	
366	391	-3851.00	20473.00	-7213.00	
367	392	-3851.00	20706.00	-7213.00	

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368       393                                -3851.00  20976.00  -7213.00
369       394                                -3659.00  20976.00  -6881.00
370       395                                -4043.00  20473.00  -7545.00
371       396                                -4149.00  20473.00  -7728.00           57.0
372       397                                -4181.04  20473.00  -7783.31
373       398                                -4372.00  20092.00  -8113.00
374       399                                -4372.00  19685.00  -8113.00
375       400                                -4372.00  19278.00  -8113.00
376       401                                -4372.00  18897.00  -8494.00
377       402                                -4372.00  18897.00  -9073.00
378       403                                -4372.00  18897.00  -9653.00
379       404                                -3991.00  18897.00 -10034.00
380       405                                -2750.00  18897.00 -10034.00
381       407                                -1128.00  18897.00 -10034.00
382       408                                -1128.00  18897.00 -10610.00
383       409                                -1128.00  19057.00 -10610.00
384       410                                 -737.00  18897.00 -10034.00
385       411                                 -345.00  18897.00 -10034.00
386       412                                 -345.00  18897.00 -10610.00
387       413                                 -345.00  19057.00 -10610.00
388       414                                  620.58  18897.00 -10034.00
389       415                                  971.42  18897.00  -9801.56
390       416                                 1191.00  18897.00  -9283.00
391       417                                 1510.00  18897.00  -8531.00
392       418                                 1749.26  18897.00  -7966.77
393       419                                 1898.00  18516.00  -7616.00
394       422                                 1898.00  15606.00  -7616.00
395       423                                 1898.00  14402.00  -7616.00
396       424                                 1898.00  13198.00  -7616.00
397       426                                 1898.00  10614.00  -7616.00
398       427                                 1898.00   9336.00  -7616.00
399       428                                 1898.00   8788.49  -7616.00
400       429                                 2086.31   7989.70  -8319.63
401       430                                 2175.00   7958.00  -8651.00
402       431                                 2374.00   7890.00  -9391.00
403       434                                 3325.00   7561.00 -12941.00
404       436                                 3710.05   7431.30 -14379.88
405       437                                 3800.00   7051.73 -14716.00
406       438                                 3800.00   7019.00 -14716.00
407       439                                 3800.00   6883.00 -14716.00
408       440                                 3800.00   6650.00 -14716.00
409       441                                 3800.00   6417.00 -14716.00
410       442                                 3800.00   6183.00 -14716.00
411       443                                 4163.00   6183.00 -16068.00
412       444                                 2448.00   6183.00 -15078.00
413       445                                 3438.00   6183.00 -13364.00
414       446                                 5152.00   6183.00 -14354.00
415       447                                 3800.00   5433.00 -14716.00
416       448                                 3800.00   4683.00 -14716.00
417         1   80
418       1.0       1.0       1.0       1.0
419         2    2    1       1.0                                          2.1000E+06
420         2    2    1                  1.0                               2.1000E+06
```

421	2	2	1				1.0	2.1000E+06
422	2	2		1	1.0			6.3000E+11
423	2	2		1		1.0		6.3000E+11
424	2	2		1			1.0	6.3000E+11
425	223	2	1		1.0			2.1000E+06
426	223	2	1			1.0		2.1000E+06
427	223	2	1				1.0	2.1000E+06
428	223	2		1	1.0			6.3000E+11
429	223	2		1		1.0		6.3000E+11
430	223	2		1			1.0	6.3000E+11
431	277	5	1		1.0			8.8000E+05
432	277	5	1			1.0		8.8000E+05
433	277	5	1				1.0	8.8000E+05
434	277	5		1	1.0			1.5000E+11
435	277	5		1		1.0		1.5000E+11
436	277	5		1			1.0	1.5000E+11
437	335	5	1		1.0			8.8000E+05
438	335	5	1			1.0		8.8000E+05
439	335	5	1				1.0	8.8000E+05
440	335	5		1	1.0			1.5000E+11
441	335	5		1		1.0		1.5000E+11
442	335	5		1			1.0	1.5000E+11
443	388	5	1		1.0			8.8000E+05
444	388	5	1			1.0		8.8000E+05
445	388	5	1				1.0	8.8000E+05
446	388	5		1	1.0			1.5000E+11
447	388	5		1		1.0		1.5000E+11
448	388	5		1			1.0	1.5000E+11
449	448	5	1		1.0			8.8000E+05
450	448	5	1			1.0		8.8000E+05
451	448	5	1				1.0	8.8000E+05
452	448	5		1	1.0			1.5000E+11
453	448	5		1		1.0		1.5000E+11
454	448	5		1			1.0	1.5000E+11
455	135	5	1		1.0			8.8000E+05
456	135	5	1			1.0		8.8000E+05
457	135	5	1				1.0	8.8000E+05
458	135	5		1	1.0			1.5000E+11
459	135	5		1		1.0		1.5000E+11
460	135	5		1			1.0	1.5000E+11
461	47	1	1		1.0			2.1000E+06
462	47	1	1			1.0		2.1000E+06
463	47	1	1				1.0	2.1000E+06
464	47	1		1	1.0			6.3000E+11
465	47	1		1		1.0		6.3000E+11
466	47	1		1			1.0	6.3000E+11
467	198	1	1		1.0			2.1000E+06
468	198	1	1			1.0		2.1000E+06
469	198	1	1				1.0	2.1000E+06
470	198	1		1	1.0			6.3000E+11
471	198	1		1		1.0		6.3000E+11
472	198	1		1			1.0	6.3000E+11
473	4	2	1			1.0		1.5000E+05

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474        4    2    1                           1.0                        1.5000E+05
475       22    4    1                 1.0                                  1.5000E+05
476       22    4    1                           1.0                        1.5000E+05
477      220    2    1                 1.0                                  1.5000E+05
478      220    2    1                           1.0                        1.5000E+05
479      202    4    1                 1.0                                  1.5000E+05
480      202    4    1                           1.0                        1.5000E+05
481      111    4    1       1.0                                            6.1300E+04
482      111    4    1                           1.0                        6.1300E+04
483      117    4    1      -0.2583             -0.9661                     6.1300E+04
484      253    4    1       1.0                                            6.1300E+04
485      253    4    1                           1.0                        6.1300E+04
486      259    4    1      -0.9661             -0.2583                     6.1300E+04
487      311    4    1       1.0                                            6.1300E+04
488      311    4    1                           1.0                        6.1300E+04
489      313    4    1       1.0                                            6.1300E+04
490      313    4    1                           1.0                        6.1300E+04
491      320    4    1      -0.9659              0.2588                     6.1300E+04
492      373    4    1       0.9659             -0.2588                     6.1300E+04
493      417    4    1                 1.0                                  6.1300E+04
494      422    4    1       1.0                                            6.1300E+04
495      422    4    1                           1.0                        6.1300E+04
496      424    4    1       1.0                                            6.1300E+04
497      424    4    1                           1.0                        6.1300E+04
498      430    4    1       0.9661              0.2583                     6.1300E+04
499        4   20
500      1.0      1.0       1.0       1.0
501      405    4    1                 1.0                                  3.1500E+04
502      349    4    1                 1.0                                  3.1500E+04
503      349    4    1                           1.0                        3.1500E+04
504      417    4    1                           1.0                        3.1500E+04
505      359    4    1       1.0                                            3.1500E+04
506      137    3    1       1.0                                            3.1500E+04
507      137    3    1                 1.0                                  3.1500E+04
508      142    3    1                 1.0                                  3.1500E+04
509       65    3    1                 1.0                                  3.1500E+04
510      366    4    1       1.0                                            3.1500E+04
511      366    4    1                           1.0                        3.1500E+04
512      294    4    1       1.0                                            3.1500E+04
513      294    4    1                 1.0                                  3.1500E+04
514      303    4    1                 1.0                                  3.1500E+04
515      235    4    1       1.0                                            3.1500E+04
516      237    4    1                 1.0                                  3.1500E+04
517      237    4    1                           1.0                        3.1500E+04
518      246    4    1                 1.0                                  3.1500E+04
519       98    4    1                 1.0                                  3.1500E+04
520       98    4    1                           1.0                        3.1500E+04
521        2  415    2    7   24
522        1    7   Class 1 SA333GR6 Carbon Steel
523          0.00 2.027E+05     0.310 1.152E-05
524         21.10 2.027E+05     0.310 1.152E-05
525         93.30 1.986E+05     0.310 1.206E-05
526        148.90 1.955E+05     0.310 1.242E-05
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527         204.40 1.924E+05     0.310 1.278E-05
528         260.00 1.882E+05     0.310 1.314E-05
529         315.60 1.827E+05     0.310 1.332E-05
530         2    7   Class 1 Stainless Steel
531          10.00 1.965E+05     0.300 1.530E-05
532          21.10 1.951E+05     0.300 1.530E-05
533          93.30 1.896E+05     0.300 1.602E-05
534         148.90 1.862E+05     0.300 1.656E-05
535         204.40 1.820E+05     0.300 1.710E-05
536         260.00 1.786E+05     0.300 1.746E-05
537         315.60 1.744E+05     0.300 1.764E-05
538         1 1219.200   40.1300    1.9985 1.1406E+011.1631E-03 Contmnt. Sleeve
539         2  711.200   36.8300    1.9960 6.5340E+006.6628E-04 MS Piping
540         3  711.200   73.6600    1.9824 0.0000E+000.0000E+00 MSIV
541         4  304.800   22.9000    1.9913 0.0000E+000.0000E+00 MSIV
542         5   85.100    1.2200    1.9997 0.0000E+000.0000E+00 MSIV
543         6  161.300    2.1800    1.9997 0.0000E+000.0000E+00 MSIV
544         7  323.850   17.4500    1.9957 0.0000E+000.0000E+00 DPV
545         8  323.850   52.3500    1.9522 0.0000E+000.0000E+00 DPV
546         9  685.050   56.2000    1.9894 1.1661E+011.1891E-03 RPV Nozzle
547        10  634.000   94.6200    1.9602 1.4950E+011.5245E-03 RPV Nozzle
548        11  634.000  125.9900    1.9227 1.7561E+011.7907E-03 RPV nOzzle
549        12  800.000  223.1000    1.8265 3.2150E+013.2784E-03 RPV Nozzle
550        13  492.025   42.1450    1.9884 0.0000E+000.0000E+00 SRV Pipe Nozzle
551        14  273.000   50.0000    1.9362 0.0000E+000.0000E+00 SRV Pipe Nozzle
552        15  500.000   48.0000    1.9851 0.0000E+000.0000E+00 SRV Body
553        16  454.000   48.0000    1.9816 0.0000E+000.0000E+00 SRV Body
554        17  236.000    0.3800    2.0000 0.0000E+000.0000E+00 SRV Body
555        18  300.000    4.8000    1.9996 0.0000E+000.0000E+00 SRV Body
556        19  273.000   15.0900    1.9955 9.4000E-019.5853E-05 SRV Downcomer
557        20  355.600   19.0500    1.9957 2.2500E+002.2943E-04 Discharge Header
558        21  273.000   12.7000    1.9968 8.3000E-018.4636E-05 SS SRV Disch.
559        22  500.000   20.0000    1.9977 5.0930E+015.1934E-03 T Quencher
560        23  323.850   12.7000    1.9978 0.0000E+000.0000E+00 T Quencher
561        24  273.000   15.0600    1.9955 9.4000E-019.5853E-05 SS SRV Disch.
562        0.0       0.0       0.0      0.0
563       -1.0       0.0       0.0      0.0
564        0.0       0.0       0.0      0.0
565        0.0       0.0       1.0      0.0
566        0.0       1.0       0.0      0.0
567         1
568         1  415   21.1     7.2
569        1     1    2    1    1
570        2     1    4    1    2
571        3     4    5    1    2
572        4     5    6    1    3
573        5     6    7    1    3
574        6     6    8    1    3
575        7     8    9    1    3
576        8     8   10    1    3
577        9    10   11    1    4
578       10    11   12    1    4
579       11    12   13    1    4
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580	12	13	14	1	4		
581	13	11	16	1	5		
582	14	16	17	1	6		
583	15	17	18	1	6		
584	16	18	19	1	6		
585	17	19	13	1	5		
586	18	7	21	1	2		
587	19	21	22	1	2		
588	20	22	23	1	2		
589	21	23	24	1	2		
590	22B	24	25	1	2		
591	1422.000		CC	-8115.031	19380.846	2821.946	
592	23	25	26	1	2		
593	24	26	27	1	2		
594	25	27	28	1	2		
595	26	28	29	1	2		
596	27	29	30	1	2		
597	28B	30	31	1	2		
598	1422.000		CC	-4363.527	19439.674	5791.045	
599	29	31	32	1	2		
600	30	32	33	1	2		
601	31B	33	34	1	2		
602	1066.500		CC	-3414.500	20526.910	7213.000	
603	32	34	35	1	2		
604	33	35	36	1	2		
605	34B	36	37	1	2		
606	1422.000		CC	-1908.058	21418.000	5860.767	
607	35	37	38	1	2		
608	36	38	39	1	2		
609	37	38	40	1	7		
610	38	40	41	1	8		
611	39	41	42	1	8		
612	40	42	43	1	8		
613	41	39	44	1	9		
614	42	44	45	1	10		
615	43	45	46	1	11		
616	44	46	47	1	12		
617	45	26	48	1	13		
618	46	48	49	1	14		
619	47	49	50	1	15		
620	48	50	51	1	15		
621	49	51	52	1	16		
622	50	52	53	1	17		
623	51	50	54	1	18		
624	52	54	55	1	19		
625	53	55	56	1	19		
626	54	56	57	1	19		
627	55B	57	58	1	19		
628	381.000		CC	-9799.000	20027.000	2452.000	
629	56	58	59	1	19		
630	57	59	60	1	19		
631	58	60	61	1	19		
632	59	61	62	1	19		

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633       60    62   63    1   20
634       61    62   64    1   20
635       62    64   65    1   20
636       63    65   66    1   20
637       64    66   67    1   20
638       65    67   68    1   20
639       66    68   69    1   20
640       67    69   70    1   20
641       68    70   71    1   20
642       69    71   72    1   20
643       70    67   73    1   19
644       71    73   74    1   19
645       72    74   75    1   19
646       73    75   76    1   19
647       74B   76   77    1   19
648        381.000   CC -9799.000 20035.000  3284.000
649       75    77   78    1   19
650       76    78   80    1   19
651       77    80   82    1   19
652       78    82   83    1   18
653       79    83   84    1   15
654       80    83   85    1   15
655       81    84   86    1   16
656       82    86   87    1   17
657       83    85   88    1   14
658       84    88   27    1   13
659       85    70   89    1   19
660       86    89   90    1   19
661       87    90   91    1   19
662       88    91   92    1   19
663       89    92   93    1   19
664       90    91   94    1   19
665       91    94   95    1   19
666       92    95   96    1   19
667       93    96   97    1   19
668       94    95   98    1   19
669       95    98   99    1   19
670       96B   99  100    1   19
671        381.000   CC -7715.290 17989.000  3717.000
672       97   100  101    1   19
673       98   101  102    1   19
674       99   102  103    1   19
675      100   103  104    1   19
676      101   104  105    1   19
677      102B  105  106    1   19
678        381.000   CC -6715.891 17608.000  2216.389
679      103   106  107    1   19
680      104   107  109    1   19
681      105   109  110    1   19
682      106   110  111    1   19
683      107   111  113    1   19
684      108   113  114    2   21
685      109   114  115    2   21
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686      110B  115  116    2   21
687        802.200   CC -7350.927  8763.494  2069.396
688      111   116  117    2   21
689      112   117  118    2   21
690      113   118  121    2   21
691      114   121  123    2   21
692      115B  123  124    2   21
693        381.000   CC-13307.951  7026.734  3665.508
694      116   124  125    2   21
695      117   125  126    2   21
696      118   126  127    2   22
697      119   127  128    2   22
698      120   128  129    2   22
699      121   129  130    2   23
700      122   129  131    2   23
701      123   129  132    2   23
702      124   129  133    2   23
703      125   129  134    2   22
704      126   134  135    2   22
705      127    63  136    1   20
706      128   136  137    1   20
707      129   137  139    1   20
708      130   139  140    1   20
709      131   140  141    1   20
710      132   141  142    1   20
711      133   142  143    1   20
712      134   143  144    1   20
713      135   144  145    1   20
714      136   145  146    1   20
715      137   140  147    1   19
716      138   147  148    1   19
717      139   148  149    1   19
718      140   149  150    1   19
719      141B  150  151    1   19
720        381.000   CC -9799.000 20027.000 -2452.000
721      142   151  152    1   19
722      143   152  153    1   19
723      144   153  154    1   19
724      145   154  155    1   18
725      146   155  156    1   15
726      147   155  157    1   15
727      148   157  158    1   16
728      149   158  159    1   17
729      150   156  160    1   14
730      151   160  161    1   13
731      152   144  162    1   19
732      153   162  163    1   19
733      154   163  164    1   19
734      155   164  165    1   19
735      156B  165  166    1   19
736        381.000   CC -9799.000 20035.000 -3284.000
737      157   166  167    1   19
738      158   167  169    1   19
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739      159   169  171    1   19
740      160   171  172    1   18
741      161   172  173    1   15
742      162   172  174    1   15
743      163   174  175    1   16
744      164   175  176    1   17
745      165   173  177    1   14
746      166   177  178    1   13
747      167   161  178    1    2
748      168   178  179    1    2
749      169   179  180    1    2
750      170   180  181    1    2
751      171B  181  182    1    2
752       1422.000   CC -4363.527 19439.674 -5791.045
753      172   182  183    1    2
754      173   183  184    1    2
755      174B  184  185    1    2
756       1066.500   CC -3414.500 20526.910 -7213.000
757      175   185  186    1    2
758      176   186  187    1    2
759      177B  187  188    1    2
760       1422.000   CC -1908.058 21418.000 -5860.767
761      178   188  189    1    2
762      179   189  190    1    2
763      180   189  191    1    7
764      181   191  192    1    8
765      182   192  193    1    8
766      183   193  194    1    8
767      184   190  195    1    9
768      185   195  196    1   10
769      186   196  197    1   11
770      187   197  198    1   12
771      188   161  199    1    2
772      189B  199  200    1    2
773       1422.000   CC -8115.031 19380.846 -2821.946
774      190   200  201    1    2
775      191   201  202    1    2
776      192   202  203    1    2
777      193   203  204    1    2
778      194   204  205    1    3
779      195   205  206    1    3
780      196   205  207    1    3
781      197   207  208    1    3
782      198   207  209    1    3
783      199   209  210    1    4
784      200   210  211    1    4
785      201   211  212    1    4
786      202   212  213    1    4
787      203   210  215    1    5
788      204   215  216    1    6
789      205   216  217    1    6
790      206   217  218    1    6
791      207   218  212    1    5
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792	208	206	220	1	2			
793	209	220	222	1	2			
794	210	222	223	1	1			
795	211	29	224	1	13			
796	212	224	225	1	14			
797	213	225	226	1	15			
798	214	226	227	1	15			
799	215	226	228	1	18			
800	216	227	229	1	16			
801	217	229	230	1	17			
802	218	228	231	1	24			
803	219	231	232	1	24			
804	220B	232	233	1	24			
805	381.000		CC	-5476.034		20061.000	7996.446	
806	221	233	234	1	24			
807	222	234	235	1	24			
808	223B	235	236	1	24			
809	381.000		CC	-5037.000		18396.000	8373.000	
810	224	236	237	1	24			
811	225	237	238	1	24			
812	226	238	239	1	24			
813	227	239	240	1	24			
814	228	238	241	1	24			
815	229	241	242	1	24			
816	230	242	243	1	24			
817	231	243	244	1	24			
818	232	242	245	1	24			
819	233B	245	246	1	24			
820	381.000		CC	-2992.000		18015.000	7991.000	
821	234	246	247	1	24			
822	235	247	248	1	24			
823	236B	248	249	1	24			
824	381.000		CC	-2611.000		17634.000	7394.000	
825	237	249	251	1	24			
826	238	251	252	1	24			
827	239	252	253	1	24			
828	240	253	255	1	24			
829	241	255	256	2	21			
830	242	256	257	2	21			
831	243B	257	258	2	21			
832	802.200		CC	-2818.396		8789.494	7787.927	
833	244	258	259	2	21			
834	245	259	260	2	21			
835	246	260	263	2	21			
836	247	263	265	2	21			
837	248B	265	266	2	21			
838	381.000		CC	-4414.508		7052.734	13748.951	
839	249	266	267	2	21			
840	250	267	268	2	21			
841	251	268	269	2	22			
842	252	269	270	2	22			
843	253	270	271	2	22			
844	254	271	272	2	23			

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845      255   271  273    2   23
846      256   271  274    2   23
847      257   271  275    2   23
848      258   271  276    2   22
849      259   276  277    2   22
850      260    32  278    1   13
851      261   278  279    1   14
852      262   279  280    1   15
853      263   280  281    1   15
854      264   281  282    1   16
855      265   282  283    1   17
856      266   280  284    1   18
857      267   284  285    1   19
858      268   285  286    1   19
859      269B  286  287    1   19
860        381.000   CC -4180.813 20092.000  7782.864
861      270   287  288    1   19
862      271   288  289    1   19
863      272B  289  290    1   19
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865      273   290  291    1   19
866      274   291  292    1   19
867      275B  292  293    1   19
868        381.000   CC -3990.000 18897.000  9653.000
869      276   293  294    1   19
870      277   294  296    1   19
871      278   296  297    1   19
872      279   297  298    1   19
873      280   296  299    1   19
874      281   299  300    1   19
875      282   300  301    1   19
876      283   301  302    1   19
877      284   300  303    1   19
878      285B  303  304    1   19
879        381.000   CC   622.702 18897.000  9653.000
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881      287   305  306    1   19
882      288   306  307    1   19
883      289B  307  308    1   19
884       381.000    CC  1752.077 18516.000  7965.689
885      290   308  311    1   19
886      291   311  312    1   19
887      292   312  313    1   19
888      293   313  315    1   19
889      294   315  316    2   21
890      295   316  317    2   21
891      296B  317  318    2   21
892       802.200    CC  2108.605  8741.880  8389.872
893      297   318  319    2   21
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896      300   322  323    2   21
897      301B  323  324    2   21
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900      303   325  326    2   21
901      304   326  327    2   22
902      305   327  328    2   22
903      306   328  329    2   22
904      307   329  330    2   23
905      308   329  331    2   23
906      309   329  332    2   23
907      310   329  333    2   23
908      311   329  334    2   22
909      312   334  335    2   22
910      313   180  336    1   13
911      314   336  337    1   14
912      315   337  338    1   15
913      316   338  339    1   15
914      317   338  340    1   18
915      318   339  341    1   16
916      319   341  342    1   17
917      320   340  343    1   19
918      321   343  344    1   19
919      322B  344  345    1   19
920        381.000   CC -5476.034 20061.000 -7996.446
921      323   345  346    1   19
922      324   346  347    1   19
923      325B  347  348    1   19
924        381.000   CC -5037.000 18381.000 -8373.000
925      326   348  349    1   19
926      327   349  350    1   19
927      328   350  351    1   19
928      329   351  352    1   19
929      330   350  353    1   19
930      331   353  354    1   19
931      332   354  355    1   19
932      333   355  356    1   19
933      334   354  357    1   19
934      335B  357  358    1   19
935        381.000   CC -2991.000 18000.000 -7992.000
936      336   358  359    1   19
937      337   359  360    1   19
938      338   360  361    1   19
939      339B  361  362    1   19
940        381.000   CC -2610.000 17619.000 -7396.000
941      340   362  364    1   19
942      341   364  365    1   19
943      342   365  366    1   19
944      343   366  368    1   19
945      344   368  369    2   21
946      345   369  370    2   21
947      346B  370  371    2   21
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949      347   371  372    2   21
950      348   372  373    2   21
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 956      353   378  379    2   21
 957      354   379  380    2   22
 958      355   380  381    2   22
 959      356   381  382    2   22
 960      357   382  383    2   23
 961      358   382  384    2   23
 962      359   382  385    2   23
 963      360   382  386    2   23
 964      361   382  387    2   22
 965      362   387  388    2   22
 966      363   183  389    1   13
 967      364   389  390    1   14
 968      365   390  391    1   15
 969      366   391  392    1   15
 970      367   392  393    1   16
 971      368   393  394    1   17
 972      369   391  395    1   18
 973      370   395  396    1   19
 974      371   396  397    1   19
 975      372B  397  398    1   19
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 981      376   401  402    1   19
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 985      379   404  405    1   19
 986      380   405  407    1   19
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 988      382   408  409    1   19
 989      383   407  410    1   19
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 991      385   411  412    1   19
 992      386   412  413    1   19
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1001      393   419  422    1   19
1002      394   422  423    1   19
1003      395   423  424    1   19
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1005      397   426  427    2   21
1006      398   427  428    2   21
1007      399B  428  429    2   21
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1010      401   430  431    2   21
1011      402   431  434    2   21
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1014        381.000   CC  3701.508  7051.734-14347.951
1015      405   437  438    2   21
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1017      407   439  440    2   22
1018      408   440  441    2   22
1019      409   441  442    2   22
1020      410   442  443    2   23
1021      411   442  444    2   23
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1025      415   447  448    2   22
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1029        12    0-9759.0000-9759.0000-9759.0000
1030        14    0-6139.0000-6139.0000-6139.0000
1031        17    0  -62.0000  -62.0000  -62.0000
1032        18    0 -138.0000 -138.0000 -138.0000
1033       207    0-7584.0000-7584.0000-7584.0000
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1036       211    0-9759.0000-9759.0000-9759.0000
1037       213    0-6139.0000-6139.0000-6139.0000
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1039       217    0 -138.0000 -138.0000 -138.0000
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1041        50    0-4621.7002-4621.7002-4621.7002
1042        51    0 -231.1000 -231.1000 -231.1000
1043        52    0-7589.2998-7589.2998-7589.2998
1044        53    0-2219.7000-2219.7000-2219.7000
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1048        84    0 -231.1000 -231.1000 -231.1000
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1050        87    0-2219.7000-2219.7000-2219.7000
1051        82    0 -649.2000 -649.2000 -649.2000
1052       156    0-1062.9000-1062.9000-1062.9000
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1054       157    0 -231.1000 -231.1000 -231.1000
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1056       159    0-2219.7000-2219.7000-2219.7000
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1057	154	0 -649.2000 -649.2000 -649.2000
1058	173	0-1062.9000-1062.9000-1062.9000
1059	172	0-4621.7002-4621.7002-4621.7002
1060	174	0 -231.1000 -231.1000 -231.1000
1061	175	0-7589.2998-7589.2998-7589.2998
1062	176	0-2219.7000-2219.7000-2219.7000
1063	171	0 -649.2000 -649.2000 -649.2000
1064	225	0-1062.9000-1062.9000-1062.9000
1065	226	0-4621.7002-4621.7002-4621.7002
1066	227	0 -231.1000 -231.1000 -231.1000
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1068	230	0-2219.7000-2219.7000-2219.7000
1069	228	0 -649.2000 -649.2000 -649.2000
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1074	283	0-2219.7000-2219.7000-2219.7000
1075	284	0 -649.2000 -649.2000 -649.2000
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1080	342	0-2219.7000-2219.7000-2219.7000
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1086	394	0-2219.7000-2219.7000-2219.7000
1087	395	0 -649.2000 -649.2000 -649.2000
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1089	244	0-3649.3000-3649.3000-3649.3000
1090	352	0-3649.3000-3649.3000-3649.3000
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1092	298	0-3649.3000-3649.3000-3649.3000
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1094	409	0-3649.3000-3649.3000-3649.3000
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      237    0-1500.0000-1500.0000-1500.0000
      405    0-1000.0000-1000.0000-1000.0000
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      303    0 -750.0000 -750.0000 -750.0000
      304    0 -250.0000 -250.0000 -250.0000
      235    0 -750.0000 -750.0000 -750.0000
      241    0 -250.0000 -250.0000 -250.0000
      246    0 -250.0000 -250.0000 -250.0000
      417    0 -750.0000 -750.0000 -750.0000
      231    0 -250.0000 -250.0000 -250.0000


                                                ISM SRV RESPONSE SPECTRUM ANALLYSIS
                                        100.
           1.0       1.0       1.0    2    3         2   0.0001
    GROUP 1 RPV NOZZLES X DIRECTION
       60    1.0
       0.00001   1.22374
       0.02016   1.24414
       0.02208   1.27473
       0.02320   1.30532
       0.02451   1.32572
       0.02557   1.36651
       0.02681   1.43790
       0.02817   1.44809
       0.02841   1.52968
       0.02959   1.59086
       0.02985   1.62146
       0.03106   1.73363
       0.03135   1.77442
       0.03268   1.94779
       0.03300   1.97838
       0.03597   2.35570
       0.04608   2.35570
       0.04630   2.43728
       0.04831   2.91658
       0.04854   2.98797
       0.05102   3.52845
       0.05376   4.01795
       0.05618   4.51764
       0.05882   4.94595
       0.05917   4.99694
       0.06211   5.35387
       0.06536   5.64960
       0.06803   6.09831
       0.07143   6.17989
       0.09615   6.17989
       0.10081   5.69039
       0.10142   5.61901
       0.10582   4.93575
       0.10695   4.76239
       0.11111   3.98735
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0.11198   3.80379
0.11669   3.07975
0.11765   2.94718
0.12255   2.37610
0.12361   2.25372
0.12870   1.79482
0.12970   1.70304
0.13532   1.41750
0.13624   1.36651
0.14184   1.15236
0.14925   0.92494
0.15015   0.89231
0.16447   0.65470
0.17391   0.53947
0.19194   0.39568
0.20161   0.35285
0.21142   0.29880
0.23202   0.23659
0.25773   0.18458
0.31348   0.12135
0.46296   0.05310
0.65359   0.02620
1.01420   0.01140
10.69519   0.00100
11.76471   0.00091
GROUP 1 RPV NOZZLES Y DIRECTION
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0.01236   1.75403
0.01287   1.86620
0.01297   1.88660
0.01431   2.15174
0.01501   2.37610
0.01580   2.64124
0.01656   3.04915
0.01724   3.58964
0.01739   3.64063
0.01812   3.86498
0.01828   3.90577
0.01901   4.03834
0.02577   4.03834
0.02681   3.89557
0.02817   3.86498
0.02841   3.37548
0.02985   2.85539
0.03106   3.10014
0.04202   3.10014
0.04425   2.97777
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0.04854   1.87640
0.05076   1.70304
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0.05102   1.68264
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0.06536   1.02998
0.06803   1.11156
0.06897   1.13196
0.07143   1.18295
0.09615   1.18295
0.10142   1.08097
0.11111   0.71181
0.11198   0.67918
0.11765   0.64756
0.12361   0.57312
0.12970   0.58842
0.14306   0.69651
0.15015   0.79339
0.15798   0.89129
0.16447   0.99327
0.16556   1.00245
0.17241   1.05038
0.23364   1.05038
0.24510   0.95248
0.27027   0.59453
0.28169   0.49052
0.31348   0.29472
0.32680   0.25189
0.38023   0.14889
0.42017   0.10198
0.56180   0.04770
0.83333   0.01740
10.69519   0.00036
11.76471   0.00033
GROUP 1 RPV NOZZLES Z DIRECTION
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0.02016   1.24414
0.02208   1.27473
0.02320   1.30532
0.02451   1.32572
0.02557   1.36651
0.02681   1.43790
0.02817   1.44809
0.02841   1.52968
0.02959   1.59086
0.02985   1.62146
0.03106   1.73363
0.03135   1.77442
0.03268   1.94779
0.03300   1.97838
0.03597   2.35570
0.04608   2.35570
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0.05618   4.51764
0.05882   4.94595
0.05917   4.99694
0.06211   5.35387
0.06536   5.64960
0.06803   6.09831
0.07143   6.17989
0.09615   6.17989
0.10081   5.69039
0.10142   5.61901
0.10582   4.93575
0.10695   4.76239
0.11111   3.98735
0.11198   3.80379
0.11669   3.07975
0.11765   2.94718
0.12255   2.37610
0.12361   2.25372
0.12870   1.79482
0.12970   1.70304
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0.13624   1.36651
0.14184   1.15236
0.14925   0.92494
0.15015   0.89231
0.16447   0.65470
0.17391   0.53947
0.19194   0.39568
0.20161   0.35285
0.21142   0.29880
0.23202   0.23659
0.25773   0.18458
0.31348   0.12135
0.46296   0.05310
0.65359   0.02620
1.01420   0.01140
10.69519  0.00100
11.76471  0.00091
     1.0       1.0       1.0    2    3         2   0.0001
GROUP 2 CONTAINMENT PENETRATION X DIRECTION
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0.01353   0.10606
0.01418   0.12237
0.01492   0.12339
0.01724   0.12339
0.01739   0.12645
0.01812   0.14073
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1323	0.01901	0.14889
1324	0.02101	0.15093
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1326	0.02320	0.17744
1327	0.02433	0.19886
1328	0.02577	0.20090
1329	0.02817	0.21212
1330	0.02841	0.22639
1331	0.03106	0.24883
1332	0.03135	0.24985
1333	0.03300	0.26310
1334	0.03425	0.29880
1335	0.03460	0.30696
1336	0.03597	0.33449
1337	0.04854	0.33449
1338	0.05076	0.28860
1339	0.05102	0.28248
1340	0.05348	0.21517
1341	0.05376	0.20396
1342	0.05618	0.18764
1343	0.05917	0.20396
1344	0.06173	0.23047
1345	0.06211	0.23659
1346	0.06536	0.26718
1347	0.06803	0.29676
1348	0.06897	0.29880
1349	0.07143	0.30390
1350	0.09615	0.30390
1351	0.10081	0.28962
1352	0.10142	0.28758
1353	0.10695	0.24679
1354	0.11111	0.20906
1355	0.11198	0.19988
1356	0.12361	0.13869
1357	0.12970	0.11829
1358	0.13624	0.10188
1359	0.14306	0.08800
1360	0.15798	0.06930
1361	0.16556	0.06650
1362	0.17241	0.07140
1363	0.23364	0.07140
1364	0.24510	0.06460
1365	0.27027	0.04140
1366	0.29851	0.02770
1367	0.31348	0.02290
1368	0.33003	0.01980
1369	0.34602	0.01690
1370	0.46296	0.01000
1371	1.06952	0.00369
1372	2.84091	0.00117
1373	11.21076	0.00030
1374	11.76471	0.00029

```
GROUP 2 CONTAINMENT PENETRATION Y DIRECTION
   60    1.0
   0.00001   0.15705
   0.01919   0.15705
   0.02101   0.15603
   0.02208   0.16317
   0.02433   0.22945
   0.03300   0.22945
   0.03425   0.19376
   0.03597   0.17744
   0.04367   0.20804
   0.04630   0.21823
   0.04854   0.24271
   0.05076   0.26107
   0.05102   0.26310
   0.05376   0.28248
   0.05618   0.30900
   0.05882   0.33449
   0.05917   0.34061
   0.06173   0.37834
   0.06211   0.38752
   0.06536   0.43341
   0.06803   0.47420
   0.07143   0.49256
   0.09615   0.49256
   0.10081   0.45278
   0.10142   0.44666
   0.10582   0.38446
   0.10695   0.36814
   0.11111   0.30900
   0.11669   0.26616
   0.12255   0.29778
   0.12361   0.30797
   0.12970   0.36406
   0.13532   0.41811
   0.13624   0.42627
   0.14184   0.46298
   0.15650   0.46298
   0.15798   0.47420
   0.16447   0.52111
   0.16556   0.52825
   0.17241   0.56598
   0.23364   0.56598
   0.24510   0.52825
   0.25773   0.44055
   0.26810   0.36916
   0.28169   0.30186
   0.28409   0.28860
   0.29851   0.24271
   0.31348   0.20498
   0.33003   0.17744
   0.34602   0.14889
   0.38023   0.12033
```

```
      0.44248   0.08180
      0.46296   0.07010
      0.48780   0.06190
      0.68966   0.03940
      0.96154   0.02300
      1.36240   0.01380
      3.30033   0.00521
     10.69519   0.00152
     11.76471   0.00138
   GROUP 2 CONTAINMENT PENETRATION Z DIRECTION
      60    1.0
      0.00001   0.10606
      0.01353   0.10606
      0.01418   0.12237
      0.01492   0.12339
      0.01724   0.12339
      0.01739   0.12645
      0.01812   0.14073
      0.01828   0.14277
      0.01901   0.14889
      0.02101   0.15093
      0.02208   0.15705
      0.02320   0.17744
      0.02433   0.19886
      0.02577   0.20090
      0.02817   0.21212
      0.02841   0.22639
      0.03106   0.24883
      0.03135   0.24985
      0.03300   0.26310
      0.03425   0.29880
      0.03460   0.30696
      0.03597   0.33449
      0.04854   0.33449
      0.05076   0.28860
      0.05102   0.28248
      0.05348   0.21517
      0.05376   0.20396
      0.05618   0.18764
      0.05917   0.20396
      0.06173   0.23047
      0.06211   0.23659
      0.06536   0.26718
      0.06803   0.29676
      0.06897   0.29880
      0.07143   0.30390
      0.09615   0.30390
      0.10081   0.28962
      0.10142   0.28758
      0.10695   0.24679
      0.11111   0.20906
      0.11198   0.19988
      0.12361   0.13869
```

```
      0.12970   0.11829
      0.13624   0.10188
      0.14306   0.08800
      0.15798   0.06930
      0.16556   0.06650
      0.17241   0.07140
      0.23364   0.07140
      0.24510   0.06460
      0.27027   0.04140
      0.29851   0.02770
      0.31348   0.02290
      0.33003   0.01980
      0.34602   0.01690
      0.46296   0.01000
      1.06952   0.00369
      2.84091   0.00117
     11.21076   0.00030
     11.76471   0.00029
          1.0       1.0       1.0    2    3         2   0.0001
   GROUP 3 SRV HEADER X DIRECTION
      60    1.0
      0.00001   0.16113
      0.01224   0.16113
      0.01236   0.16725
      0.01287   0.19172
      0.01297   0.19376
      0.01353   0.20192
      0.01724   0.20294
      0.01739   0.21110
      0.01812   0.24883
      0.01828   0.25393
      0.01901   0.27432
      0.02119   0.27636
      0.02208   0.29046
      0.02320   0.32225
      0.02433   0.33245
      0.02817   0.33245
      0.02841   0.33755
      0.02959   0.35794
      0.02985   0.36508
      0.03106   0.39364
      0.03135   0.39873
      0.03268   0.42117
      0.03300   0.43545
      0.03425   0.49969
      0.03460   0.50785
      0.03597   0.53539
      0.04854   0.53539
      0.05348   0.29676
      0.05618   0.28350
      0.05882   0.30186
      0.05917   0.30900
      0.06173   0.35896
```

```
      0.06211   0.36916
      0.06494   0.41097
      0.06536   0.42117
      0.06803   0.47216
      0.06897   0.48032
      0.07143   0.50071
      0.09615   0.50071
      0.10081   0.47012
      0.10142   0.46604
      0.10582   0.39873
      0.10695   0.38140
      0.11111   0.31817
      0.11669   0.25597
      0.12255   0.20906
      0.12870   0.17744
      0.13532   0.15195
      0.14184   0.12645
      0.16556   0.08270
      0.17241   0.08470
      0.23364   0.08470
      0.24510   0.07520
      0.27027   0.04520
      0.29851   0.02930
      0.38023   0.01790
      0.59172   0.00942
      1.82815   0.00240
     11.21076   0.00038
     11.76471   0.00036
   GROUP 3 SRV HEADER Y DIRECTION
      60    1.0
      0.00001   0.37018
      0.01236   0.37018
      0.01492   0.36202
      0.01501   0.36916
      0.01567   0.40587
      0.01580   0.41097
      0.01645   0.43443
      0.01919   0.43647
      0.02016   0.47012
      0.02101   0.57108
      0.02208   0.63780
      0.02222   0.64654
      0.02320   0.73730
      0.02433   0.80665
      0.03300   0.80665
      0.03425   0.78829
      0.03460   0.81991
      0.03597   0.92698
      0.04854   0.92698
      0.05076   0.83724
      0.05618   0.82603
      0.05882   0.83112
      0.05917   0.84438
```

```
1587        0.06173   0.93004
1588        0.06211   0.95860
1589        0.06803   1.21354
1590        0.07143   1.26453
1591        0.09615   1.26453
1592        0.10081   1.16255
1593        0.10142   1.14216
1594        0.11111   0.75668
1595        0.11669   0.58740
1596        0.12255   0.47726
1597        0.12361   0.46921
1598        0.12970   0.46094
1599        0.15015   0.72507
1600        0.15650   0.85107
1601        0.16447   1.01978
1602        0.16556   1.04018
1603        0.17241   1.14216
1604        0.23364   1.14216
1605        0.24331   1.10137
1606        0.24510   1.09117
1607        0.25575   0.91067
1608        0.25773   0.88415
1609        0.27027   0.69345
1610        0.28169   0.57414
1611        0.28409   0.54558
1612        0.31348   0.37222
1613        0.33003   0.32225
1614        0.34247   0.28350
1615        0.34602   0.27228
1616        0.40000   0.19376
1617        0.48780   0.11014
1618        0.68966   0.07000
1619        0.96154   0.04120
1620        1.50150   0.02330
1621        2.45098   0.01330
1622       10.69519   0.00279
1623       11.76471   0.00255
1624     GROUP 3 SRV HEADER Z DIRECTION
1625        60    1.0
1626        0.00001   0.16113
1627        0.01224   0.16113
1628        0.01236   0.16725
1629        0.01287   0.19172
1630        0.01297   0.19376
1631        0.01353   0.20192
1632        0.01724   0.20294
1633        0.01739   0.21110
1634        0.01812   0.24883
1635        0.01828   0.25393
1636        0.01901   0.27432
1637        0.02119   0.27636
1638        0.02208   0.29046
1639        0.02320   0.32225
```

```
      0.02433   0.33245
      0.02817   0.33245
      0.02841   0.33755
      0.02959   0.35794
      0.02985   0.36508
      0.03106   0.39364
      0.03135   0.39873
      0.03268   0.42117
      0.03300   0.43545
      0.03425   0.49969
      0.03460   0.50785
      0.03597   0.53539
      0.04854   0.53539
      0.05348   0.29676
      0.05618   0.28350
      0.05882   0.30186
      0.05917   0.30900
      0.06173   0.35896
      0.06211   0.36916
      0.06494   0.41097
      0.06536   0.42117
      0.06803   0.47216
      0.06897   0.48032
      0.07143   0.50071
      0.09615   0.50071
      0.10081   0.47012
      0.10142   0.46604
      0.10582   0.39873
      0.10695   0.38140
      0.11111   0.31817
      0.11669   0.25597
      0.12255   0.20906
      0.12870   0.17744
      0.13532   0.15195
      0.14184   0.12645
      0.16556   0.08270
      0.17241   0.08470
      0.23364   0.08470
      0.24510   0.07520
      0.27027   0.04520
      0.29851   0.02930
      0.38023   0.01790
      0.59172   0.00942
      1.82815   0.00240
     11.21076   0.00038
     11.76471   0.00036
         1.0       1.0       1.0    2    3         2   0.0001
GROUP 4 CONT/VENTWALL SUPPORTS X DIRECTION
      60    1.0
      0.00001   0.45686
      0.01236   0.45686
      0.01287   0.45380
      0.01353   0.44769
```

1693	0.01418	0.45004
1694	0.01431	0.45992
1695	0.01492	0.53335
1696	0.01501	0.53641
1697	0.01567	0.55374
1698	0.01812	0.55374
1699	0.01828	0.56190
1700	0.01901	0.59249
1701	0.01919	0.60983
1702	0.02016	0.68733
1703	0.02208	0.73424
1704	0.02222	0.74546
1705	0.02320	0.80767
1706	0.02959	0.80767
1707	0.03135	0.84540
1708	0.03268	0.93243
1709	0.03300	0.95248
1710	0.03425	1.07077
1711	0.03460	1.09117
1712	0.03597	1.14216
1713	0.04854	1.14216
1714	0.05076	0.89537
1715	0.05102	0.86376
1716	0.05348	0.84846
1717	0.05376	0.85968
1718	0.05618	0.93412
1719	0.05882	1.00120
1720	0.05917	1.00959
1721	0.06173	1.16255
1722	0.06211	1.19315
1723	0.06494	1.33593
1724	0.06803	1.50928
1725	0.07143	1.59086
1726	0.09615	1.59086
1727	0.10081	1.45829
1728	0.10142	1.43790
1729	0.10582	1.21354
1730	0.10695	1.16255
1731	0.11111	0.96574
1732	0.11198	0.92086
1733	0.11765	0.72507
1734	0.12255	0.61901
1735	0.12361	0.59555
1736	0.13532	0.41709
1737	0.13624	0.40179
1738	0.14184	0.35489
1739	0.15650	0.25699
1740	0.16447	0.21721
1741	0.20161	0.13971
1742	0.22222	0.11116
1743	0.27027	0.06930
1744	0.31348	0.05020
1745	0.42017	0.02670

```
1746        0.87719   0.00940
1747       10.69519   0.00061
1748       11.76471   0.00056
1749     GROUP 4 CONT/VENTWALL SUPPORTS Y DIRECTION
1750        60    1.0
1751        0.00001   0.37018
1752        0.01236   0.37018
1753        0.01492   0.36202
1754        0.01501   0.36916
1755        0.01567   0.40587
1756        0.01580   0.41097
1757        0.01645   0.43443
1758        0.01919   0.43647
1759        0.02016   0.47012
1760        0.02101   0.57108
1761        0.02222   0.64654
1762        0.02320   0.73730
1763        0.02433   0.80665
1764        0.03300   0.80665
1765        0.03460   0.57618
1766        0.03597   0.61697
1767        0.04854   0.61697
1768        0.05076   0.50173
1769        0.05102   0.48746
1770        0.05376   0.48848
1771        0.05618   0.54457
1772        0.05917   0.60167
1773        0.06536   0.82500
1774        0.06803   0.98409
1775        0.06897   1.02998
1776        0.07143   1.14216
1777        0.09615   1.14216
1778        0.10081   1.07077
1779        0.10142   1.06058
1780        0.11111   0.68529
1781        0.11198   0.64960
1782        0.11765   0.56496
1783        0.12361   0.44157
1784        0.12970   0.46094
1785        0.15015   0.72507
1786        0.15798   0.87905
1787        0.16447   1.01978
1788        0.16556   1.04018
1789        0.17241   1.14216
1790        0.23364   1.14216
1791        0.24331   1.10137
1792        0.24510   1.09117
1793        0.25575   0.91067
1794        0.25773   0.88415
1795        0.27027   0.69345
1796        0.28169   0.57414
1797        0.28409   0.54558
1798        0.31348   0.37222
```

```
1799        0.33003   0.32225
1800        0.34247   0.28350
1801        0.34602   0.27228
1802        0.40000   0.19376
1803        0.44248   0.14685
1804        0.48780   0.11014
1805        0.68966   0.07000
1806        0.96154   0.04120
1807        1.50150   0.02330
1808        2.45098   0.01330
1809       10.69519   0.00279
1810       11.76471   0.00255
1811     GROUP 4 CONT/VENTWALL SUPPORTS Z DIRECTION
1812        60    1.0
1813        0.00001   0.45686
1814        0.01236   0.45686
1815        0.01287   0.45380
1816        0.01353   0.44769
1817        0.01418   0.45004
1818        0.01431   0.45992
1819        0.01492   0.53335
1820        0.01501   0.53641
1821        0.01567   0.55374
1822        0.01812   0.55374
1823        0.01828   0.56190
1824        0.01901   0.59249
1825        0.01919   0.60983
1826        0.02016   0.68733
1827        0.02208   0.73424
1828        0.02222   0.74546
1829        0.02320   0.80767
1830        0.02959   0.80767
1831        0.03135   0.84540
1832        0.03268   0.93243
1833        0.03300   0.95248
1834        0.03425   1.07077
1835        0.03460   1.09117
1836        0.03597   1.14216
1837        0.04854   1.14216
1838        0.05076   0.89537
1839        0.05102   0.86376
1840        0.05348   0.84846
1841        0.05376   0.85968
1842        0.05618   0.93412
1843        0.05882   1.00120
1844        0.05917   1.00959
1845        0.06173   1.16255
1846        0.06211   1.19315
1847        0.06494   1.33593
1848        0.06803   1.50928
1849        0.07143   1.59086
1850        0.09615   1.59086
1851        0.10081   1.45829
```

```
      0.10142   1.43790
      0.10582   1.21354
      0.10695   1.16255
      0.11111   0.96574
      0.11198   0.92086
      0.11765   0.72507
      0.12255   0.61901
      0.12361   0.59555
      0.13532   0.41709
      0.13624   0.40179
      0.14184   0.35489
      0.15650   0.25699
      0.16447   0.21721
      0.20161   0.13971
      0.22222   0.11116
      0.27027   0.06930
      0.31348   0.05020
      0.42017   0.02670
      0.87719   0.00940
     10.69519   0.00061
     11.76471   0.00056
          1.0       1.0       1.0    2    3         2   0.0001
   GROUP 5 T-QUENCHER X DIRECTION
      60    1.0
      0.00001   0.26514
      0.01236   0.26514
      0.01297   0.26310
      0.01362   0.27330
      0.01418   0.28758
      0.01431   0.28860
      0.01492   0.29166
      0.02016   0.29166
      0.02101   0.27942
      0.02119   0.27636
      0.02336   0.28044
      0.02451   0.31001
      0.02557   0.35489
      0.02681   0.39058
      0.02817   0.39364
      0.03425   0.41199
      0.03460   0.41811
      0.03597   0.44055
      0.04608   0.44055
      0.04630   0.44565
      0.04854   0.47930
      0.05102   0.52111
      0.05376   0.58740
      0.05618   0.63533
      0.05917   0.69753
      0.06211   0.80971
      0.06536   0.91577
      0.06803   1.01978
      0.06897   1.02998
```

```
0.07143   1.07077
0.09615   1.07077
0.10081   0.97899
0.10142   0.96574
0.10582   0.81787
0.11111   0.64654
0.11198   0.61595
0.11669   0.50479
0.11765   0.48440
0.12255   0.41199
0.12361   0.39568
0.12870   0.33857
0.12970   0.32735
0.13532   0.27534
0.13624   0.26514
0.15015   0.19478
0.15798   0.16317
0.16556   0.13971
0.17391   0.12543
0.18282   0.11320
0.19194   0.10086
0.21142   0.07960
0.24510   0.05490
0.27027   0.04230
0.31348   0.02850
0.36364   0.01910
0.56180   0.00923
0.71942   0.00553
1.65563   0.00143
11.21076   0.00020
11.76471   0.00019
GROUP 5 T-QUENCHER Y DIRECTION
60    1.0
0.00001   0.54355
0.01176   0.54355
0.01236   0.54252
0.01287   0.54049
0.01353   0.61697
0.01362   0.63431
0.01418   0.71691
0.01901   0.71691
0.02016   0.86988
0.02119   1.09117
0.02222   1.42770
0.02320   2.03957
0.02336   2.11095
0.02433   2.56986
0.03300   2.56986
0.03460   1.95799
0.03636   1.41750
0.03788   1.20334
0.03802   1.17275
0.03968   1.16255
```

```
1958        0.04854   1.16255
1959        0.05076   0.97491
1960        0.05348   0.74036
1961        0.05618   0.80767
1962        0.05917   0.92902
1963        0.06173   1.04018
1964        0.06211   1.07077
1965        0.06494   1.22374
1966        0.06536   1.25433
1967        0.06803   1.43790
1968        0.07143   1.56027
1969        0.09615   1.56027
1970        0.10142   1.44809
1971        0.10582   1.22374
1972        0.11111   0.95452
1973        0.11669   0.74648
1974        0.12255   0.64348
1975        0.12970   0.62819
1976        0.13532   0.61595
1977        0.13624   0.61391
1978        0.14306   0.51703
1979        0.15015   0.60983
1980        0.15798   0.74036
1981        0.16447   0.86172
1982        0.16556   0.87905
1983        0.17241   0.96370
1984        0.23364   0.96370
1985        0.24510   0.91577
1986        0.27027   0.58128
1987        0.28169   0.48134
1988        0.28409   0.45788
1989        0.31348   0.31205
1990        0.33003   0.26922
1991        0.34247   0.23659
1992        0.38023   0.18152
1993        0.48780   0.09120
1994        0.71942   0.05330
1995        1.23609   0.02220
1996       10.69519   0.00224
1997       11.76471   0.00204
1998     GROUP 5 T-QUENCHER Z DIRECTION
1999        60    1.0
2000        0.00001   0.26514
2001        0.01236   0.26514
2002        0.01297   0.26310
2003        0.01362   0.27330
2004        0.01418   0.28758
2005        0.01431   0.28860
2006        0.01492   0.29166
2007        0.02016   0.29166
2008        0.02101   0.27942
2009        0.02119   0.27636
2010        0.02336   0.28044
```

2011	0.02451	0.31001
2012	0.02557	0.35489
2013	0.02681	0.39058
2014	0.02817	0.39364
2015	0.03425	0.41199
2016	0.03460	0.41811
2017	0.03597	0.44055
2018	0.04608	0.44055
2019	0.04630	0.44565
2020	0.04854	0.47930
2021	0.05102	0.52111
2022	0.05376	0.58740
2023	0.05618	0.63533
2024	0.05917	0.69753
2025	0.06211	0.80971
2026	0.06536	0.91577
2027	0.06803	1.01978
2028	0.06897	1.02998
2029	0.07143	1.07077
2030	0.09615	1.07077
2031	0.10081	0.97899
2032	0.10142	0.96574
2033	0.10582	0.81787
2034	0.11111	0.64654
2035	0.11198	0.61595
2036	0.11669	0.50479
2037	0.11765	0.48440
2038	0.12255	0.41199
2039	0.12361	0.39568
2040	0.12870	0.33857
2041	0.12970	0.32735
2042	0.13532	0.27534
2043	0.13624	0.26514
2044	0.15015	0.19478
2045	0.15798	0.16317
2046	0.16556	0.13971
2047	0.17391	0.12543
2048	0.18282	0.11320
2049	0.19194	0.10086
2050	0.21142	0.07960
2051	0.24510	0.05490
2052	0.27027	0.04230
2053	0.31348	0.02850
2054	0.36364	0.01910
2055	0.56180	0.00923
2056	0.71942	0.00553
2057	1.65563	0.00143
2058	11.21076	0.00020
2059	11.76471	0.00019
2060	2	
2061		
2062		

ESBWR MAIN STEAM LINES-2+3 CONFIRMATORY PIPING MODEL - SRV ISM ANALYSIS

C O N T R O L I N F O R M A T I O N

```
     NUMBER OF NODAL POINTS           =  412
     NUMBER OF ELEMENT TYPES          =    3
     NUMBER OF STATIC LOAD CASES      =    0
     NUMBER OF DYNAMIC LOAD CASES     =    1
     NUMBER OF ANCHOR MVMT CASES      =    0
     NUMBER OF FREQUENCIES            =  250
     SOLUTION MODE (MODEX)            =    0
       EQ.0,  EXECUTION
       EQ.1,  DATA CHECK
     STRESS CALCULATION FLAG          =    0
        EQ.0 NO
        EQ.1 YES
     ASME CODE EVALUATION FLAG        =    0
        EQ.1  CLASS 1 PIPING
        EQ.2  CLASS2 OR CLASS 3 PIPING
     ACCELERATION DUE TO GRAVITY      =*****
     BANDWIDTH MINIMIZATION FLAG      =    1
        EQ.0  NO
        EQ.1  YES
     ARBITRARY NODE NUMBERING FLAG    =    1
        EQ.0  NO
        EQ.1  YES
     NUMBER OF SUPPORT GROUPS         =    5
     FLAG FOR NODAL COORD. INPUT UNITS=    0
        EQ.0  CONSISTENT UNIT
        EQ.1  FEET TO INCHES
```

NODAL POINT INPUT DATA

0NEW	OLD	BOUNDARY CONDITION CODES						NODAL POINT COORDINATES			
NODE	NODE	X	Y	Z	XX	YY	ZZ	X	Y	Z	T
1	1	0	0	0	0	0	0	-21611.000	19235.000	1400.000	288.000
2	2	0	0	0	0	0	0	-19673.000	19235.000	1400.000	57.000
3	4	0	0	0	0	0	0	-17579.000	19275.000	1400.000	288.000
4	5	0	0	0	0	0	0	-16601.000	19285.000	1400.000	288.000
5	6	0	0	0	0	0	0	-16017.000	19291.000	1400.000	288.000
6	7	0	0	0	0	0	0	-14772.000	19303.000	1400.000	288.000
7	8	0	0	0	0	0	0	-15798.000	19510.000	1400.000	288.000
8	9	0	0	0	0	0	0	-15627.000	19530.000	1400.000	288.000
9	10	0	0	0	0	0	0	-15119.000	20189.000	1400.000	288.000
10	11	0	0	0	0	0	0	-14926.000	20385.000	1400.000	288.000
11	12	0	0	0	0	0	0	-14744.000	20564.000	1400.000	288.000
12	13	0	0	0	0	0	0	-14505.000	20785.000	1400.000	288.000
13	14	0	0	0	0	0	0	-13925.000	21383.000	1400.000	288.000
14	16	0	0	0	0	0	0	-15271.000	20793.000	1400.000	288.000
15	17	0	0	0	0	0	0	-15077.000	20990.000	1400.000	288.000
16	18	0	0	0	0	0	0	-14972.000	21119.000	1400.000	288.000
17	19	0	0	0	0	0	0	-14850.000	21223.000	1400.000	288.000
18	21	0	0	0	0	0	0	-12647.500	19324.000	1400.000	288.000

19	22	0	0	0	0	0	0	-10523.000	19345.000	1400.000	288.000
20	23	0	0	0	0	0	0	-8778.000	19362.000	1400.000	288.000
21	24	0	0	0	0	0	0	-8114.910	19368.460	1400.000	288.000
22	25	0	0	0	0	0	0	-6744.560	19390.890	2442.740	288.000
23	26	0	0	0	0	0	0	-6742.000	19391.000	2452.000	288.000
24	27	0	0	0	0	0	0	-6512.000	19399.000	3284.000	288.000
25	28	0	0	0	0	0	0	-6173.000	19412.000	4511.000	288.000
26	29	0	0	0	0	0	0	-5833.000	19425.000	5738.000	288.000
27	30	0	0	0	0	0	0	-5750.750	19428.720	6103.400	288.000
28	31	0	0	0	0	0	0	-4363.640	19451.030	7213.000	288.000
29	32	0	0	0	0	0	0	-3851.000	19456.000	7213.000	288.000
30	33	0	0	0	0	0	0	-3403.860	19460.460	7213.000	288.000
31	34	0	0	0	0	0	0	-2348.000	20526.910	7213.000	288.000
32	35	0	0	0	0	0	0	-2348.000	20943.000	7213.000	288.000
33	36	0	0	0	0	0	0	-2348.000	21418.000	7213.000	288.000
34	37	0	0	0	0	0	0	-1908.060	22840.000	5860.770	288.000
35	38	0	0	0	0	0	0	-1805.000	22840.000	5544.000	288.000
36	39	0	0	0	0	0	0	-1587.000	22840.000	4872.000	288.000
37	40	0	0	0	0	0	0	-2221.000	22840.000	5409.000	288.000
38	41	0	0	0	0	0	0	-2464.000	22840.000	5330.000	288.000
39	42	0	0	0	0	0	0	-2934.000	22840.000	5177.000	288.000
40	43	0	0	0	0	0	0	-3477.000	22840.000	5000.000	288.000
41	44	0	0	0	0	0	0	-1451.000	22840.000	4453.000	288.000
42	45	0	0	0	0	0	0	-1316.000	22840.000	4036.000	288.000
43	46	0	0	0	0	0	0	-1208.000	22840.000	3704.000	288.000
44	47	0	0	0	0	0	0	-1099.000	22840.000	3370.000	288.000
45	48	0	0	0	0	0	0	-6742.000	19747.000	2452.000	288.000
46	49	0	0	0	0	0	0	-6742.000	20116.000	2452.000	288.000
47	50	0	0	0	0	0	0	-6742.000	20408.000	2452.000	288.000
48	51	0	0	0	0	0	0	-6742.000	20641.000	2452.000	288.000
49	52	0	0	0	0	0	0	-6742.000	20911.000	2452.000	288.000
50	53	0	0	0	0	0	0	-6358.000	20911.000	2452.000	288.000
51	54	0	0	0	0	0	0	-7126.000	20408.000	2452.000	288.000
52	55	0	0	0	0	0	0	-8448.000	20408.000	2452.000	57.000
53	56	0	0	0	0	0	0	-9770.000	20408.000	2452.000	57.000
54	57	0	0	0	0	0	0	-9799.000	20408.000	2452.000	57.000
55	58	0	0	0	0	0	0	-10180.000	20027.000	2452.000	57.000
56	59	0	0	0	0	0	0	-10180.000	19998.000	2452.000	57.000
57	60	0	0	0	0	0	0	-10180.000	19133.000	2452.000	57.000
58	61	0	0	0	0	0	0	-10180.000	18268.000	2452.000	57.000
59	62	0	0	0	0	0	0	-10180.000	17989.000	2452.000	57.000
60	63	0	0	0	0	0	0	-10180.000	17989.000	2173.000	57.000
61	64	0	0	0	0	0	0	-10180.000	17989.000	2731.000	57.000
62	65	0	0	0	0	0	0	-10180.000	17989.000	2868.000	57.000
63	66	0	0	0	0	0	0	-10180.000	17989.000	3005.000	57.000
64	67	0	0	0	0	0	0	-10180.000	17989.000	3284.000	57.000
65	68	0	0	0	0	0	0	-10180.000	17989.000	3563.000	57.000
66	69	0	0	0	0	0	0	-10180.000	17989.000	3819.000	57.000
67	70	0	0	0	0	0	0	-10180.000	17989.000	4098.000	57.000
68	71	0	0	0	0	0	0	-10180.000	17989.000	4377.000	57.000
69	72	0	0	0	0	0	0	-10180.000	17989.000	5159.000	57.000
70	73	0	0	0	0	0	0	-10180.000	18268.000	3284.000	57.000
71	74	0	0	0	0	0	0	-10180.000	19137.000	3284.000	57.000

72	75	0	0	0	0	0	0	-10180.000	20006.000	3284.000	57.000
73	76	0	0	0	0	0	0	-10180.000	20035.000	3284.000	57.000
74	77	0	0	0	0	0	0	-9799.000	20416.000	3284.000	57.000
75	78	0	0	0	0	0	0	-9770.000	20416.000	3284.000	57.000
76	80	0	0	0	0	0	0	-8333.000	20416.000	3284.000	57.000
77	82	0	0	0	0	0	0	-6896.000	20416.000	3284.000	288.000
78	83	0	0	0	0	0	0	-6512.000	20416.000	3284.000	288.000
79	84	0	0	0	0	0	0	-6512.000	20649.000	3284.000	288.000
80	85	0	0	0	0	0	0	-6512.000	20124.000	3284.000	288.000
81	86	0	0	0	0	0	0	-6512.000	20919.000	3284.000	288.000
82	87	0	0	0	0	0	0	-6128.000	20919.000	3284.000	288.000
83	88	0	0	0	0	0	0	-6512.000	19755.000	3284.000	288.000
84	89	0	0	0	0	0	0	-9901.000	17989.000	4098.000	57.000
85	90	0	0	0	0	0	0	-9622.000	17989.000	4098.000	57.000
86	91	0	0	0	0	0	0	-9230.000	17989.000	4098.000	57.000
87	92	0	0	0	0	0	0	-9230.000	17989.000	4645.000	57.000
88	93	0	0	0	0	0	0	-9230.000	18149.000	4645.000	57.000
89	94	0	0	0	0	0	0	-8838.000	17989.000	4098.000	57.000
90	95	0	0	0	0	0	0	-8446.000	17989.000	4098.000	57.000
91	96	0	0	0	0	0	0	-8446.000	17989.000	4645.000	57.000
92	97	0	0	0	0	0	0	-8446.000	18149.000	4645.000	57.000
93	98	0	0	0	0	0	0	-7723.000	17989.000	4098.000	57.000
94	99	0	0	0	0	0	0	-7715.290	17989.000	4098.000	57.000
95	100	0	0	0	0	0	0	-7360.860	17989.000	3856.790	57.000
96	101	0	0	0	0	0	0	-7357.000	17989.000	3847.000	57.000
97	102	0	0	0	0	0	0	-7138.000	17989.000	3289.000	57.000
98	103	0	0	0	0	0	0	-6918.000	17989.000	2731.000	57.000
99	104	0	0	0	0	0	0	-6726.000	17989.000	2242.000	57.000
100	105	0	0	0	0	0	0	-6715.890	17989.000	2216.390	57.000
101	106	0	0	0	0	0	0	-6576.000	17608.000	1862.000	57.000
102	107	0	0	0	0	0	0	-6576.000	17579.000	1862.000	57.000
103	109	0	0	0	0	0	0	-6576.000	15581.000	1862.000	57.000
104	110	0	0	0	0	0	0	-6576.000	14377.000	1862.000	57.000
105	111	0	0	0	0	0	0	-6576.000	13173.000	1862.000	57.000
106	113	0	0	0	0	0	0	-6576.000	10589.000	1862.000	57.000
107	114	0	0	0	0	0	0	-6576.000	9311.000	1862.000	57.000
108	115	0	0	0	0	0	0	-6576.000	8763.490	1862.000	57.000
109	116	0	0	0	0	0	0	-7279.630	7964.700	2050.310	57.000
110	117	0	0	0	0	0	0	-7611.000	7933.000	2139.000	57.000
111	118	0	0	0	0	0	0	-8351.000	7865.000	2337.000	57.000
112	121	0	0	0	0	0	0	-11901.000	7536.000	3289.000	57.000
113	123	0	0	0	0	0	0	-13339.880	7406.300	3674.050	57.000
114	124	0	0	0	0	0	0	-13676.000	7026.730	3764.000	57.000
115	125	0	0	0	0	0	0	-13676.000	6994.000	3764.000	57.000
116	126	0	0	0	0	0	0	-13676.000	6858.000	3764.000	57.000
117	127	0	0	0	0	0	0	-13676.000	6625.000	3764.000	57.000
118	128	0	0	0	0	0	0	-13676.000	6392.000	3764.000	57.000
119	129	0	0	0	0	0	0	-13676.000	6158.000	3764.000	57.000
120	130	0	0	0	0	0	0	-14038.000	6158.000	2412.000	57.000
121	131	0	0	0	0	0	0	-15028.000	6158.000	4126.000	57.000
122	132	0	0	0	0	0	0	-13314.000	6158.000	5116.000	57.000
123	133	0	0	0	0	0	0	-12324.000	6158.000	3402.000	57.000
124	134	0	0	0	0	0	0	-13676.000	5408.000	3764.000	57.000

125	135	0	0	0	0	0	0	-13676.000	4658.000	3764.000	57.000
126	136	0	0	0	0	0	0	-10180.000	17989.000	1087.000	57.000
127	137	0	0	0	0	0	0	-10180.000	17989.000	.000	57.000
128	139	0	0	0	0	0	0	-10180.000	17989.000	-2173.000	57.000
129	140	0	0	0	0	0	0	-10180.000	17989.000	-2452.000	57.000
130	141	0	0	0	0	0	0	-10180.000	17989.000	-2731.000	57.000
131	142	0	0	0	0	0	0	-10180.000	17989.000	-2868.000	57.000
132	143	0	0	0	0	0	0	-10180.000	17989.000	-3005.000	57.000
133	144	0	0	0	0	0	0	-10180.000	17989.000	-3284.000	57.000
134	145	0	0	0	0	0	0	-10180.000	17989.000	-3563.000	57.000
135	146	0	0	0	0	0	0	-10180.000	17989.000	-4345.000	57.000
136	147	0	0	0	0	0	0	-10180.000	18268.000	-2452.000	57.000
137	148	0	0	0	0	0	0	-10180.000	19133.000	-2452.000	57.000
138	149	0	0	0	0	0	0	-10180.000	19998.000	-2452.000	57.000
139	150	0	0	0	0	0	0	-10180.000	20027.000	-2452.000	57.000
140	151	0	0	0	0	0	0	-9799.000	20408.000	-2452.000	57.000
141	152	0	0	0	0	0	0	-9770.000	20408.000	-2452.000	57.000
142	153	0	0	0	0	0	0	-8448.000	20408.000	-2452.000	57.000
143	154	0	0	0	0	0	0	-7126.000	20408.000	-2452.000	288.000
144	155	0	0	0	0	0	0	-6742.000	20408.000	-2452.000	288.000
145	156	0	0	0	0	0	0	-6742.000	20116.000	-2452.000	288.000
146	157	0	0	0	0	0	0	-6742.000	20641.000	-2452.000	288.000
147	158	0	0	0	0	0	0	-6742.000	20911.000	-2452.000	288.000
148	159	0	0	0	0	0	0	-6358.000	20911.000	-2452.000	288.000
149	160	0	0	0	0	0	0	-6742.000	19747.000	-2452.000	288.000
150	161	0	0	0	0	0	0	-6742.000	19391.000	-2452.000	288.000
151	162	0	0	0	0	0	0	-10180.000	18268.000	-3284.000	57.000
152	163	0	0	0	0	0	0	-10180.000	19137.000	-3284.000	57.000
153	164	0	0	0	0	0	0	-10180.000	20006.000	-3284.000	57.000
154	165	0	0	0	0	0	0	-10180.000	20035.000	-3284.000	57.000
155	166	0	0	0	0	0	0	-9799.000	20416.000	-3284.000	57.000
156	167	0	0	0	0	0	0	-9770.000	20416.000	-3284.000	57.000
157	169	0	0	0	0	0	0	-8333.000	20416.000	-3284.000	57.000
158	171	0	0	0	0	0	0	-6896.000	20416.000	-3284.000	288.000
159	172	0	0	0	0	0	0	-6512.000	20416.000	-3284.000	288.000
160	173	0	0	0	0	0	0	-6512.000	20124.000	-3284.000	288.000
161	174	0	0	0	0	0	0	-6512.000	20649.000	-3284.000	288.000
162	175	0	0	0	0	0	0	-6512.000	20919.000	-3284.000	288.000
163	176	0	0	0	0	0	0	-6128.000	20919.000	-3284.000	288.000
164	177	0	0	0	0	0	0	-6512.000	19755.000	-3284.000	288.000
165	178	0	0	0	0	0	0	-6512.000	19399.000	-3284.000	288.000
166	179	0	0	0	0	0	0	-6173.000	19412.000	-4511.000	288.000
167	180	0	0	0	0	0	0	-5833.000	19425.000	-5738.000	288.000
168	181	0	0	0	0	0	0	-5750.750	19428.720	-6103.400	288.000
169	182	0	0	0	0	0	0	-4363.640	19451.030	-7213.000	288.000
170	183	0	0	0	0	0	0	-3851.000	19456.000	-7213.000	288.000
171	184	0	0	0	0	0	0	-3403.860	19460.460	-7213.000	288.000
172	185	0	0	0	0	0	0	-2348.000	20526.910	-7213.000	288.000
173	186	0	0	0	0	0	0	-2348.000	20943.000	-7213.000	288.000
174	187	0	0	0	0	0	0	-2348.000	21418.000	-7213.000	288.000
175	188	0	0	0	0	0	0	-1908.060	22840.000	-5860.770	288.000
176	189	0	0	0	0	0	0	-1805.000	22840.000	-5544.000	288.000
177	190	0	0	0	0	0	0	-1587.000	22840.000	-4872.000	288.000

178	191	0	0	0	0	0	0	-2221.000	22840.000	-5409.000	288.000
179	192	0	0	0	0	0	0	-2464.000	22840.000	-5330.000	288.000
180	193	0	0	0	0	0	0	-2934.000	22840.000	-5177.000	288.000
181	194	0	0	0	0	0	0	-3477.000	22840.000	-5000.000	288.000
182	195	0	0	0	0	0	0	-1451.000	22840.000	-4453.000	288.000
183	196	0	0	0	0	0	0	-1316.000	22840.000	-4036.000	288.000
184	197	0	0	0	0	0	0	-1208.000	22840.000	-3704.000	288.000
185	198	0	0	0	0	0	0	-1099.000	22840.000	-3370.000	288.000
186	199	0	0	0	0	0	0	-6744.560	19390.890	-2442.740	288.000
187	200	0	0	0	0	0	0	-8114.910	19368.460	-1400.000	288.000
188	201	0	0	0	0	0	0	-8778.000	19362.000	-1400.000	288.000
189	202	0	0	0	0	0	0	-10523.000	19345.000	-1400.000	288.000
190	203	0	0	0	0	0	0	-12647.500	19324.000	-1400.000	288.000
191	204	0	0	0	0	0	0	-14772.000	19303.000	-1400.000	288.000
192	205	0	0	0	0	0	0	-16017.000	19291.000	-1400.000	288.000
193	206	0	0	0	0	0	0	-16601.000	19285.000	-1400.000	288.000
194	207	0	0	0	0	0	0	-15798.000	19510.000	-1400.000	288.000
195	208	0	0	0	0	0	0	-15627.000	19530.000	-1400.000	288.000
196	209	0	0	0	0	0	0	-15119.000	20189.000	-1400.000	288.000
197	210	0	0	0	0	0	0	-14926.000	20385.000	-1400.000	288.000
198	211	0	0	0	0	0	0	-14744.000	20564.000	-1400.000	288.000
199	212	0	0	0	0	0	0	-14505.000	20785.000	-1400.000	288.000
200	213	0	0	0	0	0	0	-13925.000	21383.000	-1400.000	288.000
201	215	0	0	0	0	0	0	-15271.000	20793.000	-1400.000	288.000
202	216	0	0	0	0	0	0	-15077.000	20990.000	-1400.000	288.000
203	217	0	0	0	0	0	0	-14972.000	21119.000	-1400.000	288.000
204	218	0	0	0	0	0	0	-14850.000	21223.000	-1400.000	288.000
205	220	0	0	0	0	0	0	-17579.000	19275.000	-1400.000	288.000
206	222	0	0	0	0	0	0	-21611.000	19235.000	-1400.000	288.000
207	223	0	0	0	0	0	0	-19673.000	19235.000	-1400.000	57.000
208	224	0	0	0	0	0	0	-5833.000	19781.000	5738.000	288.000
209	225	0	0	0	0	0	0	-5833.000	20150.000	5738.000	288.000
210	226	0	0	0	0	0	0	-5833.000	20442.000	5738.000	288.000
211	227	0	0	0	0	0	0	-5833.000	20675.000	5738.000	288.000
212	228	0	0	0	0	0	0	-5766.000	20442.000	6116.000	288.000
213	229	0	0	0	0	0	0	-5833.000	20945.000	5738.000	288.000
214	230	0	0	0	0	0	0	-5900.000	20945.000	5360.000	288.000
215	231	0	0	0	0	0	0	-5592.000	20442.000	7244.000	57.000
216	232	0	0	0	0	0	0	-5476.030	20442.000	7996.450	57.000
217	233	0	0	0	0	0	0	-5418.000	20061.000	8373.000	57.000
218	234	0	0	0	0	0	0	-5418.000	19229.000	8373.000	57.000
219	235	0	0	0	0	0	0	-5418.000	18396.000	8373.000	57.000
220	236	0	0	0	0	0	0	-5037.000	18015.000	8373.000	57.000
221	237	0	0	0	0	0	0	-4944.000	18015.000	8373.000	57.000
222	238	0	0	0	0	0	0	-4470.000	18015.000	8373.000	57.000
223	239	0	0	0	0	0	0	-4470.000	18015.000	7826.000	57.000
224	240	0	0	0	0	0	0	-4470.000	18175.000	7826.000	57.000
225	241	0	0	0	0	0	0	-4078.000	18015.000	8373.000	57.000
226	242	0	0	0	0	0	0	-3686.000	18015.000	8373.000	57.000
227	243	0	0	0	0	0	0	-3686.000	18015.000	7826.000	57.000
228	244	0	0	0	0	0	0	-3686.000	18175.000	7826.000	57.000
229	245	0	0	0	0	0	0	-2992.000	18015.000	8373.000	57.000
230	246	0	0	0	0	0	0	-2611.000	18015.000	7991.000	57.000

231	247	0	0	0	0	0	0	-2611.000	18015.000	7725.000	57.000
232	248	0	0	0	0	0	0	-2611.000	18015.000	7394.000	57.000
233	249	0	0	0	0	0	0	-2611.000	17634.000	7013.000	57.000
234	251	0	0	0	0	0	0	-2611.000	15607.000	7013.000	57.000
235	252	0	0	0	0	0	0	-2611.000	14403.000	7013.000	57.000
236	253	0	0	0	0	0	0	-2611.000	13199.000	7013.000	57.000
237	255	0	0	0	0	0	0	-2611.000	10615.000	7013.000	57.000
238	256	0	0	0	0	0	0	-2611.000	9337.000	7013.000	57.000
239	257	0	0	0	0	0	0	-2611.000	8789.490	7013.000	57.000
240	258	0	0	0	0	0	0	-2799.310	7990.700	7716.630	57.000
241	259	0	0	0	0	0	0	-2888.000	7959.000	8048.000	57.000
242	260	0	0	0	0	0	0	-3087.000	7891.000	8790.000	57.000
243	263	0	0	0	0	0	0	-4038.000	7562.000	12342.000	57.000
244	265	0	0	0	0	0	0	-4423.050	7432.300	13780.880	57.000
245	266	0	0	0	0	0	0	-4513.000	7052.730	14117.000	57.000
246	267	0	0	0	0	0	0	-4513.000	7020.000	14117.000	57.000
247	268	0	0	0	0	0	0	-4513.000	6884.000	14117.000	57.000
248	269	0	0	0	0	0	0	-4513.000	6651.000	14117.000	57.000
249	270	0	0	0	0	0	0	-4513.000	6418.000	14117.000	57.000
250	271	0	0	0	0	0	0	-4513.000	6184.000	14117.000	57.000
251	272	0	0	0	0	0	0	-4151.000	6184.000	12765.000	57.000
252	273	0	0	0	0	0	0	-3161.000	6184.000	14479.000	57.000
253	274	0	0	0	0	0	0	-4875.000	6184.000	15469.000	57.000
254	275	0	0	0	0	0	0	-5865.000	6184.000	13755.000	57.000
255	276	0	0	0	0	0	0	-4513.000	5434.000	14117.000	57.000
256	277	0	0	0	0	0	0	-4513.000	4684.000	14117.000	57.000
257	278	0	0	0	0	0	0	-3851.000	19812.000	7213.000	288.000
258	279	0	0	0	0	0	0	-3851.000	20181.000	7213.000	288.000
259	280	0	0	0	0	0	0	-3851.000	20473.000	7213.000	288.000
260	281	0	0	0	0	0	0	-3851.000	20706.000	7213.000	288.000
261	282	0	0	0	0	0	0	-3851.000	20976.000	7213.000	288.000
262	283	0	0	0	0	0	0	-3659.000	20976.000	6881.000	288.000
263	284	0	0	0	0	0	0	-4043.000	20473.000	7545.000	288.000
264	285	0	0	0	0	0	0	-4159.000	20473.000	7745.000	57.000
265	286	0	0	0	0	0	0	-4180.810	20473.000	7782.860	57.000
266	287	0	0	0	0	0	0	-4371.000	20092.000	8113.000	57.000
267	288	0	0	0	0	0	0	-4371.000	19685.000	8113.000	57.000
268	289	0	0	0	0	0	0	-4371.000	19278.000	8113.000	57.000
269	290	0	0	0	0	0	0	-4371.000	18897.000	8494.000	57.000
270	291	0	0	0	0	0	0	-4371.000	18897.000	9073.000	57.000
271	292	0	0	0	0	0	0	-4371.000	18897.000	9653.000	57.000
272	293	0	0	0	0	0	0	-3990.000	18897.000	10034.000	57.000
273	294	0	0	0	0	0	0	-2749.000	18897.000	10034.000	57.000
274	296	0	0	0	0	0	0	-1127.000	18897.000	10034.000	57.000
275	297	0	0	0	0	0	0	-1127.000	18897.000	10610.000	57.000
276	298	0	0	0	0	0	0	-1127.000	19057.000	10610.000	57.000
277	299	0	0	0	0	0	0	-736.000	18897.000	10034.000	57.000
278	300	0	0	0	0	0	0	-344.000	18897.000	10034.000	57.000
279	301	0	0	0	0	0	0	-344.000	18897.000	10610.000	57.000
280	302	0	0	0	0	0	0	-344.000	19057.000	10610.000	57.000
281	303	0	0	0	0	0	0	622.700	18897.000	10034.000	57.000
282	304	0	0	0	0	0	0	973.480	18897.000	9801.710	57.000
283	305	0	0	0	0	0	0	1282.000	18897.000	9074.000	57.000

284	306	0	0	0	0	0	0	1591.000	18897.000	8345.000	57.000
285	307	0	0	0	0	0	0	1752.080	18897.000	7965.690	57.000
286	308	0	0	0	0	0	0	1901.000	18516.000	7615.000	57.000
287	311	0	0	0	0	0	0	1901.000	15606.000	7615.000	57.000
288	312	0	0	0	0	0	0	1901.000	14402.000	7615.000	57.000
289	313	0	0	0	0	0	0	1901.000	13198.000	7615.000	57.000
290	315	0	0	0	0	0	0	1901.000	10614.000	7615.000	57.000
291	316	0	0	0	0	0	0	1901.000	9336.000	7615.000	57.000
292	317	0	0	0	0	0	0	1901.000	8741.880	7615.000	57.000
293	318	0	0	0	0	0	0	2076.050	7949.600	8268.360	57.000
294	319	0	0	0	0	0	0	2086.000	7943.500	8305.500	57.000
295	320	0	0	0	0	0	0	2164.000	7896.000	8596.500	57.000
296	322	0	0	0	0	0	0	2570.000	7648.500	10111.250	57.000
297	323	0	0	0	0	0	0	2892.740	7451.760	11315.360	57.000
298	324	0	0	0	0	0	0	2976.000	7075.410	11626.000	57.000
299	325	0	0	0	0	0	0	2976.000	7019.000	11626.000	57.000
300	326	0	0	0	0	0	0	2976.000	6883.000	11626.000	57.000
301	327	0	0	0	0	0	0	2976.000	6650.000	11626.000	57.000
302	328	0	0	0	0	0	0	2976.000	6417.000	11626.000	57.000
303	329	0	0	0	0	0	0	2976.000	6183.000	11626.000	57.000
304	330	0	0	0	0	0	0	2614.000	6183.000	10274.000	57.000
305	331	0	0	0	0	0	0	4328.000	6183.000	11264.000	57.000
306	332	0	0	0	0	0	0	3338.000	6183.000	12978.000	57.000
307	333	0	0	0	0	0	0	1624.000	6183.000	11988.000	57.000
308	334	0	0	0	0	0	0	2976.000	5433.000	11626.000	57.000
309	335	0	0	0	0	0	0	2976.000	4683.000	11626.000	57.000
310	336	0	0	0	0	0	0	-5833.000	19781.000	-5738.000	288.000
311	337	0	0	0	0	0	0	-5833.000	20150.000	-5738.000	288.000
312	338	0	0	0	0	0	0	-5833.000	20442.000	-5738.000	288.000
313	339	0	0	0	0	0	0	-5833.000	20675.000	-5738.000	288.000
314	340	0	0	0	0	0	0	-5766.000	20442.000	-6116.000	288.000
315	341	0	0	0	0	0	0	-5833.000	20945.000	-5738.000	288.000
316	342	0	0	0	0	0	0	-5900.000	20945.000	-5360.000	288.000
317	343	0	0	0	0	0	0	-5592.000	20442.000	-7244.000	57.000
318	344	0	0	0	0	0	0	-5476.030	20442.000	-7996.450	57.000
319	345	0	0	0	0	0	0	-5418.000	20061.000	-8373.000	57.000
320	346	0	0	0	0	0	0	-5418.000	19221.000	-8373.000	57.000
321	347	0	0	0	0	0	0	-5418.000	18381.000	-8373.000	57.000
322	348	0	0	0	0	0	0	-5037.000	18000.000	-8373.000	57.000
323	349	0	0	0	0	0	0	-4944.000	18000.000	-8373.000	57.000
324	350	0	0	0	0	0	0	-4470.000	18000.000	-8373.000	57.000
325	351	0	0	0	0	0	0	-4470.000	18000.000	-7826.000	57.000
326	352	0	0	0	0	0	0	-4470.000	18160.000	-7826.000	57.000
327	353	0	0	0	0	0	0	-4120.000	18000.000	-8373.000	57.000
328	354	0	0	0	0	0	0	-3769.000	18000.000	-8373.000	57.000
329	355	0	0	0	0	0	0	-3769.000	18000.000	-7826.000	57.000
330	356	0	0	0	0	0	0	-3769.000	18160.000	-7826.000	57.000
331	357	0	0	0	0	0	0	-2991.000	18000.000	-8373.000	57.000
332	358	0	0	0	0	0	0	-2610.000	18000.000	-7992.000	57.000
333	359	0	0	0	0	0	0	-2610.000	18000.000	-7725.000	57.000
334	360	0	0	0	0	0	0	-2610.000	18000.000	-7415.000	57.000
335	361	0	0	0	0	0	0	-2610.000	18000.000	-7396.000	57.000
336	362	0	0	0	0	0	0	-2610.000	17619.000	-7015.000	57.000

337	364	0	0	0	0	0	0	-2610.000	15592.000	-7015.000	57.000
338	365	0	0	0	0	0	0	-2610.000	14388.000	-7015.000	57.000
339	366	0	0	0	0	0	0	-2610.000	13184.000	-7015.000	57.000
340	368	0	0	0	0	0	0	-2610.000	10600.000	-7015.000	57.000
341	369	0	0	0	0	0	0	-2610.000	9322.000	-7015.000	57.000
342	370	0	0	0	0	0	0	-2610.000	8727.880	-7015.000	57.000
343	371	0	0	0	0	0	0	-2785.050	7935.600	-7668.360	57.000
344	372	0	0	0	0	0	0	-2795.000	7929.500	-7705.500	57.000
345	373	0	0	0	0	0	0	-2873.000	7882.000	-7996.500	57.000
346	375	0	0	0	0	0	0	-3279.000	7634.500	-9511.250	57.000
347	376	0	0	0	0	0	0	-3601.740	7437.760	-10715.360	57.000
348	377	0	0	0	0	0	0	-3685.000	7061.410	-11026.000	57.000
349	378	0	0	0	0	0	0	-3685.000	7005.000	-11026.000	57.000
350	379	0	0	0	0	0	0	-3685.000	6869.000	-11026.000	57.000
351	380	0	0	0	0	0	0	-3685.000	6636.000	-11026.000	57.000
352	381	0	0	0	0	0	0	-3685.000	6403.000	-11026.000	57.000
353	382	0	0	0	0	0	0	-3685.000	6169.000	-11026.000	57.000
354	383	0	0	0	0	0	0	-4048.000	6169.000	-12378.000	57.000
355	384	0	0	0	0	0	0	-5037.000	6169.000	-10664.000	57.000
356	385	0	0	0	0	0	0	-3323.000	6169.000	-9674.000	57.000
357	386	0	0	0	0	0	0	-2333.000	6169.000	-11388.000	57.000
358	387	0	0	0	0	0	0	-3685.000	5419.000	-11026.000	57.000
359	388	0	0	0	0	0	0	-3685.000	4669.000	-11026.000	57.000
360	389	0	0	0	0	0	0	-3851.000	19812.000	-7213.000	288.000
361	390	0	0	0	0	0	0	-3851.000	20181.000	-7213.000	288.000
362	391	0	0	0	0	0	0	-3851.000	20473.000	-7213.000	288.000
363	392	0	0	0	0	0	0	-3851.000	20706.000	-7213.000	288.000
364	393	0	0	0	0	0	0	-3851.000	20976.000	-7213.000	288.000
365	394	0	0	0	0	0	0	-3659.000	20976.000	-6881.000	288.000
366	395	0	0	0	0	0	0	-4043.000	20473.000	-7545.000	288.000
367	396	0	0	0	0	0	0	-4149.000	20473.000	-7728.000	57.000
368	397	0	0	0	0	0	0	-4181.040	20473.000	-7783.310	57.000
369	398	0	0	0	0	0	0	-4372.000	20092.000	-8113.000	57.000
370	399	0	0	0	0	0	0	-4372.000	19685.000	-8113.000	57.000
371	400	0	0	0	0	0	0	-4372.000	19278.000	-8113.000	57.000
372	401	0	0	0	0	0	0	-4372.000	18897.000	-8494.000	57.000
373	402	0	0	0	0	0	0	-4372.000	18897.000	-9073.000	57.000
374	403	0	0	0	0	0	0	-4372.000	18897.000	-9653.000	57.000
375	404	0	0	0	0	0	0	-3991.000	18897.000	-10034.000	57.000
376	405	0	0	0	0	0	0	-2750.000	18897.000	-10034.000	57.000
377	407	0	0	0	0	0	0	-1128.000	18897.000	-10034.000	57.000
378	408	0	0	0	0	0	0	-1128.000	18897.000	-10610.000	57.000
379	409	0	0	0	0	0	0	-1128.000	19057.000	-10610.000	57.000
380	410	0	0	0	0	0	0	-737.000	18897.000	-10034.000	57.000
381	411	0	0	0	0	0	0	-345.000	18897.000	-10034.000	57.000
382	412	0	0	0	0	0	0	-345.000	18897.000	-10610.000	57.000
383	413	0	0	0	0	0	0	-345.000	19057.000	-10610.000	57.000
384	414	0	0	0	0	0	0	620.580	18897.000	-10034.000	57.000
385	415	0	0	0	0	0	0	971.420	18897.000	-9801.560	57.000
386	416	0	0	0	0	0	0	1191.000	18897.000	-9283.000	57.000
387	417	0	0	0	0	0	0	1510.000	18897.000	-8531.000	57.000
388	418	0	0	0	0	0	0	1749.260	18897.000	-7966.770	57.000
389	419	0	0	0	0	0	0	1898.000	18516.000	-7616.000	57.000

390	422	0	0	0	0	0	0	1898.000	15606.000	-7616.000	57.000
391	423	0	0	0	0	0	0	1898.000	14402.000	-7616.000	57.000
392	424	0	0	0	0	0	0	1898.000	13198.000	-7616.000	57.000
393	426	0	0	0	0	0	0	1898.000	10614.000	-7616.000	57.000
394	427	0	0	0	0	0	0	1898.000	9336.000	-7616.000	57.000
395	428	0	0	0	0	0	0	1898.000	8788.490	-7616.000	57.000
396	429	0	0	0	0	0	0	2086.310	7989.700	-8319.630	57.000
397	430	0	0	0	0	0	0	2175.000	7958.000	-8651.000	57.000
398	431	0	0	0	0	0	0	2374.000	7890.000	-9391.000	57.000
399	434	0	0	0	0	0	0	3325.000	7561.000	-12941.000	57.000
400	436	0	0	0	0	0	0	3710.050	7431.300	-14379.880	57.000
401	437	0	0	0	0	0	0	3800.000	7051.730	-14716.000	57.000
402	438	0	0	0	0	0	0	3800.000	7019.000	-14716.000	57.000
403	439	0	0	0	0	0	0	3800.000	6883.000	-14716.000	57.000
404	440	0	0	0	0	0	0	3800.000	6650.000	-14716.000	57.000
405	441	0	0	0	0	0	0	3800.000	6417.000	-14716.000	57.000
406	442	0	0	0	0	0	0	3800.000	6183.000	-14716.000	57.000
407	443	0	0	0	0	0	0	4163.000	6183.000	-16068.000	57.000
408	444	0	0	0	0	0	0	2448.000	6183.000	-15078.000	57.000
409	445	0	0	0	0	0	0	3438.000	6183.000	-13364.000	57.000
410	446	0	0	0	0	0	0	5152.000	6183.000	-14354.000	57.000
411	447	0	0	0	0	0	0	3800.000	5433.000	-14716.000	57.000
412	448	0	0	0	0	0	0	3800.000	4683.000	-14716.000	57.000

S P R I N G E L E M E N T S

ELEMENT TYPE = 1
NUMBER OF ELEMENTS = 80

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
1.0000	1.0000	1.0000	1.0000

ELEMENT NUMBER	NODE (N)	SUPPORT GROUP	CODE KD	CODE KR	DIRECTION COSINES WRT GLOBAL AXES X-	Y-	Z-	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	2	2	1	0	1.000	.000	.000	.000	.000	2.1000E+06
2	2	2	1	0	.000	1.000	.000	.000	.000	2.1000E+06
3	2	2	1	0	.000	.000	1.000	.000	.000	2.1000E+06
4	2	2	0	1	1.000	.000	.000	.000	.000	6.3000E+11
5	2	2	0	1	.000	1.000	.000	.000	.000	6.3000E+11
6	2	2	0	1	.000	.000	1.000	.000	.000	6.3000E+11
7	223	2	1	0	1.000	.000	.000	.000	.000	2.1000E+06
8	223	2	1	0	.000	1.000	.000	.000	.000	2.1000E+06
9	223	2	1	0	.000	.000	1.000	.000	.000	2.1000E+06
10	223	2	0	1	1.000	.000	.000	.000	.000	6.3000E+11
11	223	2	0	1	.000	1.000	.000	.000	.000	6.3000E+11
12	223	2	0	1	.000	.000	1.000	.000	.000	6.3000E+11
13	277	5	1	0	1.000	.000	.000	.000	.000	8.8000E+05
14	277	5	1	0	.000	1.000	.000	.000	.000	8.8000E+05
15	277	5	1	0	.000	.000	1.000	.000	.000	8.8000E+05
16	277	5	0	1	1.000	.000	.000	.000	.000	1.5000E+11

17	277	5	0	1	.000	1.000	.000	.000	.000	1.5000E+11
18	277	5	0	1	.000	.000	1.000	.000	.000	1.5000E+11
19	335	5	1	0	1.000	.000	.000	.000	.000	8.8000E+05
20	335	5	1	0	.000	1.000	.000	.000	.000	8.8000E+05
21	335	5	1	0	.000	.000	1.000	.000	.000	8.8000E+05
22	335	5	0	1	1.000	.000	.000	.000	.000	1.5000E+11
23	335	5	0	1	.000	1.000	.000	.000	.000	1.5000E+11
24	335	5	0	1	.000	.000	1.000	.000	.000	1.5000E+11
25	388	5	1	0	1.000	.000	.000	.000	.000	8.8000E+05
26	388	5	1	0	.000	1.000	.000	.000	.000	8.8000E+05
27	388	5	1	0	.000	.000	1.000	.000	.000	8.8000E+05
28	388	5	0	1	1.000	.000	.000	.000	.000	1.5000E+11
29	388	5	0	1	.000	1.000	.000	.000	.000	1.5000E+11
30	388	5	0	1	.000	.000	1.000	.000	.000	1.5000E+11
31	448	5	1	0	1.000	.000	.000	.000	.000	8.8000E+05
32	448	5	1	0	.000	1.000	.000	.000	.000	8.8000E+05
33	448	5	1	0	.000	.000	1.000	.000	.000	8.8000E+05
34	448	5	0	1	1.000	.000	.000	.000	.000	1.5000E+11
35	448	5	0	1	.000	1.000	.000	.000	.000	1.5000E+11
36	448	5	0	1	.000	.000	1.000	.000	.000	1.5000E+11
37	135	5	1	0	1.000	.000	.000	.000	.000	8.8000E+05
38	135	5	1	0	.000	1.000	.000	.000	.000	8.8000E+05
39	135	5	1	0	.000	.000	1.000	.000	.000	8.8000E+05
40	135	5	0	1	1.000	.000	.000	.000	.000	1.5000E+11
41	135	5	0	1	.000	1.000	.000	.000	.000	1.5000E+11
42	135	5	0	1	.000	.000	1.000	.000	.000	1.5000E+11
43	47	1	1	0	1.000	.000	.000	.000	.000	2.1000E+06
44	47	1	1	0	.000	1.000	.000	.000	.000	2.1000E+06
45	47	1	1	0	.000	.000	1.000	.000	.000	2.1000E+06
46	47	1	0	1	1.000	.000	.000	.000	.000	6.3000E+11
47	47	1	0	1	.000	1.000	.000	.000	.000	6.3000E+11
48	47	1	0	1	.000	.000	1.000	.000	.000	6.3000E+11
49	198	1	1	0	1.000	.000	.000	.000	.000	2.1000E+06
50	198	1	1	0	.000	1.000	.000	.000	.000	2.1000E+06
51	198	1	1	0	.000	.000	1.000	.000	.000	2.1000E+06
52	198	1	0	1	1.000	.000	.000	.000	.000	6.3000E+11
53	198	1	0	1	.000	1.000	.000	.000	.000	6.3000E+11
54	198	1	0	1	.000	.000	1.000	.000	.000	6.3000E+11
55	4	2	1	0	.000	1.000	.000	.000	.000	1.5000E+05
56	4	2	1	0	.000	.000	1.000	.000	.000	1.5000E+05
57	22	4	1	0	.000	1.000	.000	.000	.000	1.5000E+05
58	22	4	1	0	.000	.000	1.000	.000	.000	1.5000E+05
59	220	2	1	0	.000	1.000	.000	.000	.000	1.5000E+05
60	220	2	1	0	.000	.000	1.000	.000	.000	1.5000E+05
61	202	4	1	0	.000	1.000	.000	.000	.000	1.5000E+05
62	202	4	1	0	.000	.000	1.000	.000	.000	1.5000E+05
63	111	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04
64	111	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
65	117	4	1	0	-.258	.000	-.966	.000	.000	6.1300E+04
66	253	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04
67	253	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
68	259	4	1	0	-.966	.000	-.258	.000	.000	6.1300E+04
69	311	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04

70	311	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
71	313	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04
72	313	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
73	320	4	1	0	-.966	.000	.259	.000	.000	6.1300E+04
74	373	4	1	0	.966	.000	-.259	.000	.000	6.1300E+04
75	417	4	1	0	.000	1.000	.000	.000	.000	6.1300E+04
76	422	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04
77	422	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
78	424	4	1	0	1.000	.000	.000	.000	.000	6.1300E+04
79	424	4	1	0	.000	.000	1.000	.000	.000	6.1300E+04
80	430	4	1	0	.966	.000	.258	.000	.000	6.1300E+04

S N U B B E R E L E M E N T S

ELEMENT TYPE = 4
NUMBER OF ELEMENTS = 20

ELEMENT LOAD CASE MULTIPLIERS

CASE(A)	CASE(B)	CASE(C)	CASE(D)
1.0000	1.0000	1.0000	1.0000

ELEMENT NUMBER	NODE (N)	SUPPORT GROUP	CODE KD	CODE KR	DIRECTION COSINES WRT GLOBAL AXES X-	Y-	Z-	SPECIFIED DISPLACEMENT	SPECIFIED ROTATION	SPRING RATE
1	405	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
2	349	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
3	349	4	1	0	.000	.000	1.000	.000	.000	3.1500E+04
4	417	4	1	0	.000	.000	1.000	.000	.000	3.1500E+04
5	359	4	1	0	1.000	.000	.000	.000	.000	3.1500E+04
6	137	3	1	0	1.000	.000	.000	.000	.000	3.1500E+04
7	137	3	1	0	.000	1.000	.000	.000	.000	3.1500E+04
8	142	3	1	0	.000	1.000	.000	.000	.000	3.1500E+04
9	65	3	1	0	.000	1.000	.000	.000	.000	3.1500E+04
10	366	4	1	0	1.000	.000	.000	.000	.000	3.1500E+04
11	366	4	1	0	.000	.000	1.000	.000	.000	3.1500E+04
12	294	4	1	0	1.000	.000	.000	.000	.000	3.1500E+04
13	294	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
14	303	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
15	235	4	1	0	1.000	.000	.000	.000	.000	3.1500E+04
16	237	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
17	237	4	1	0	.000	.000	1.000	.000	.000	3.1500E+04
18	246	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
19	98	4	1	0	.000	1.000	.000	.000	.000	3.1500E+04
20	98	4	1	0	.000	.000	1.000	.000	.000	3.1500E+04

P I P E E L E M E N T I N P U T D A T A

C O N T R O L I N F O R M A T I O N

```
      NUMBER OF PIPE ELEMENTS         =   415

      NUMBER OF MATERIAL SETS         =     2

      MAXIMUM NUMBER OF MATERIAL
      TEMPERATURE INPUT POINTS        =     7

      NUMBER OF SECTION PROPERTY SETS =    24

      NUMBER OF BRANCH POINT NODES    =     0

      MAXIMUM NUMBER OF TANGENTS
      COMMON TO A BRANCH POINT        =     3


      FLAG FOR NEGLECTING AXIAL
      DEFORMATIONS IN BEND ELEMENTS   =     0
      (EQ.1, NEGLECT)
```

M A T E R I A L P R O P E R T Y T A B L E S

```
MATERIAL NUMBER    = (   1)
 NUMBER OF
 TEMPERATURE POINTS = (   7)
 IDENTIFICATION     = (   Class 1 SA333GR6 Carbon Steel    )
```

POINT NUMBER	TEMPERATURE	YOUNG'S MODULUS	POISSON'S RATIO	THERMAL EXPANSION
1	.00	2.027E+05	.310	1.152E-05
2	21.10	2.027E+05	.310	1.152E-05
3	93.30	1.986E+05	.310	1.206E-05
4	148.90	1.955E+05	.310	1.242E-05
5	204.40	1.924E+05	.310	1.278E-05
6	260.00	1.882E+05	.310	1.314E-05
7	315.60	1.827E+05	.310	1.332E-05

```
MATERIAL NUMBER    = (   2)
 NUMBER OF
 TEMPERATURE POINTS = (   7)
 IDENTIFICATION     = (   Class 1 Stainless Steel          )
```

POINT NUMBER	TEMPERATURE	YOUNG'S MODULUS	POISSON'S RATIO	THERMAL EXPANSION
1	10.00	1.965E+05	.300	1.530E-05

2	21.10	1.951E+05	.300	1.530E-05
3	93.30	1.896E+05	.300	1.602E-05
4	148.90	1.862E+05	.300	1.656E-05
5	204.40	1.820E+05	.300	1.710E-05
6	260.00	1.786E+05	.300	1.746E-05
7	315.60	1.744E+05	.300	1.764E-05

S E C T I O N P R O P E R T Y T A B L E

SECTION NUMBER	OUTSIDE DIAMETER	WALL THICKNESS	SHAPE FACTOR FOR SHEAR	WEIGHT/ UNIT LENGTH	MASS/ UNIT LENGTH	D E S C R I P T I O N
1	1219.200	40.1300	1.9985	1.1406E+01	1.1631E-03	Contmnt. Sleeve
2	711.200	36.8300	1.9960	6.5340E+00	6.6628E-04	MS Piping
3	711.200	73.6600	1.9824	0.0000E+00	0.0000E+00	MSIV
4	304.800	22.9000	1.9913	0.0000E+00	0.0000E+00	MSIV
5	85.100	1.2200	1.9997	0.0000E+00	0.0000E+00	MSIV
6	161.300	2.1800	1.9997	0.0000E+00	0.0000E+00	MSIV
7	323.850	17.4500	1.9957	0.0000E+00	0.0000E+00	DPV
8	323.850	52.3500	1.9522	0.0000E+00	0.0000E+00	DPV
9	685.050	56.2000	1.9894	1.1661E+01	1.1891E-03	RPV Nozzle
10	634.000	94.6200	1.9602	1.4950E+01	1.5245E-03	RPV Nozzle
11	634.000	125.9900	1.9227	1.7561E+01	1.7907E-03	RPV nOzzle
12	800.000	223.1000	1.8265	3.2150E+01	3.2784E-03	RPV Nozzle
13	492.025	42.1450	1.9884	0.0000E+00	0.0000E+00	SRV Pipe Nozzle
14	273.000	50.0000	1.9362	0.0000E+00	0.0000E+00	SRV Pipe Nozzle
15	500.000	48.0000	1.9851	0.0000E+00	0.0000E+00	SRV Body
16	454.000	48.0000	1.9816	0.0000E+00	0.0000E+00	SRV Body
17	236.000	.3800	2.0000	0.0000E+00	0.0000E+00	SRV Body
18	300.000	4.8000	1.9996	0.0000E+00	0.0000E+00	SRV Body
19	273.000	15.0900	1.9955	9.4000E-01	9.5853E-05	SRV Downcomer
20	355.600	19.0500	1.9957	2.2500E+00	2.2943E-04	Discharge Header
21	273.000	12.7000	1.9968	8.3000E-01	8.4636E-05	SS SRV Disch.
22	500.000	20.0000	1.9977	5.0930E+01	5.1934E-03	T Quencher
23	323.850	12.7000	1.9978	0.0000E+00	0.0000E+00	T Quencher
24	273.000	15.0600	1.9955	9.4000E-01	9.5853E-05	SS SRV Disch.

E L E M E N T L O A D C A S E M U L T I P L I E R S

	CASE A	CASE B	CASE C	CASE D
X-DIRECTION GRAVITY	.000	.000	.000	.000
Y-DIRECTION GRAVITY	-1.000	.000	.000	.000
Z-DIRECTION GRAVITY	.000	.000	.000	.000
THERMAL DISTORTION	.000	.000	1.000	.000
PRESSURE DISTORTION	.000	1.000	.000	.000

P I P E E L E M E N T I N P U T D A T A

ELEMENT NUMBER	ELEMENT TYPE	NODE -I	NODE -J	MATL. NUMBER	SECTION NUMBER	REFERENCE TEMPERATURE (BEND RADIUS)	DESIGN PRESSURE (THIRD POINT)	PEAK PRESSURE (X3-ORDINATE)	TEST PRESSURE (Y3-ORDINATE)	END CODES END-I (Z3-ORDINATE)	END CODES END-J	NODE INCREMENT (BEND DEGREE)	INPUT TAG	
1	TANGENT	1	2	1	1	21.10	7.20	.00	.00	0	0	1	II	
2	TANGENT	1	4	1	2	21.10	7.20	.00	.00	0	0	1	II	
3	TANGENT	4	5	1	2	21.10	7.20	.00	.00	0	0	1	II	
4	TANGENT	5	6	1	3	21.10	7.20	.00	.00	0	0	1	II	
5	TANGENT	6	7	1	3	21.10	7.20	.00	.00	0	0	1	II	
6	TANGENT	6	8	1	3	21.10	7.20	.00	.00	0	0	1	II	
7	TANGENT	8	9	1	3	21.10	7.20	.00	.00	0	0	1	II	
8	TANGENT	8	10	1	3	21.10	7.20	.00	.00	0	0	1	II	
9	TANGENT	10	11	1	4	21.10	7.20	.00	.00	0	0	1	II	
10	TANGENT	11	12	1	4	21.10	7.20	.00	.00	0	0	1	II	
11	TANGENT	12	13	1	4	21.10	7.20	.00	.00	0	0	1	II	
12	TANGENT	13	14	1	4	21.10	7.20	.00	.00	0	0	1	II	
13	TANGENT	11	16	1	5	21.10	7.20	.00	.00	0	0	1	II	
14	TANGENT	16	17	1	6	21.10	7.20	.00	.00	0	0	1	II	
15	TANGENT	17	18	1	6	21.10	7.20	.00	.00	0	0	1	II	
16	TANGENT	18	19	1	6	21.10	7.20	.00	.00	0	0	1	II	
17	TANGENT	19	13	1	5	21.10	7.20	.00	.00	0	0	1	II	
18	TANGENT	7	21	1	2	21.10	7.20	.00	.00	0	0	1	II	
19	TANGENT	21	22	1	2	21.10	7.20	.00	.00	0	0	1	II	
20	TANGENT	22	23	1	2	21.10	7.20	.00	.00	0	0	1	II	
21	TANGENT	23	24	1	2	21.10	7.20	.00	.00	0	0	1	II	
22	BEND	24	25	1	2	21.10	7.20	.00	.00	0	0			IC
						(1422.000)	(CC)	(-8115.031)	(19380.846)	(2821.946)		(74.5333)		
23	TANGENT	25	26	1	2	21.10	7.20	.00	.00	0	0	1	II	
24	TANGENT	26	27	1	2	21.10	7.20	.00	.00	0	0	1	II	
25	TANGENT	27	28	1	2	21.10	7.20	.00	.00	0	0	1	II	
26	TANGENT	28	29	1	2	21.10	7.20	.00	.00	0	0	1	II	
27	TANGENT	29	30	1	2	21.10	7.20	.00	.00	0	0	1	II	
28	BEND	30	31	1	2	21.10	7.20	.00	.00	0	0			IC
						(1422.000)	(CC)	(-4363.527)	(19439.674)	(5791.045)		(77.3104)		
29	TANGENT	31	32	1	2	21.10	7.20	.00	.00	0	0	1	II	
30	TANGENT	32	33	1	2	21.10	7.20	.00	.00	0	0	1	II	
31	BEND	33	34	1	2	21.10	7.20	.00	.00	0	0			IC
						(1066.500)	(CC)	(-3414.500)	(20526.910)	(7213.000)		(89.4286)		
32	TANGENT	34	35	1	2	21.10	7.20	.00	.00	0	0	1	II	
33	TANGENT	35	36	1	2	21.10	7.20	.00	.00	0	0	1	II	
34	BEND	36	37	1	2	21.10	7.20	.00	.00	0	0			IC
						(1422.000)	(CC)	(-1908.058)	(21418.000)	(5860.767)		(89.9999)		
35	TANGENT	37	38	1	2	21.10	7.20	.00	.00	0	0	1	II	
36	TANGENT	38	39	1	2	21.10	7.20	.00	.00	0	0	1	II	
37	TANGENT	38	40	1	7	21.10	7.20	.00	.00	0	0	1	II	
38	TANGENT	40	41	1	8	21.10	7.20	.00	.00	0	0	1	II	

39	TANGENT	41	42	1	8	21.10	7.20	.00	.00	0	0	1	II	
40	TANGENT	42	43	1	8	21.10	7.20	.00	.00	0	0	1	II	
41	TANGENT	39	44	1	9	21.10	7.20	.00	.00	0	0	1	II	
42	TANGENT	44	45	1	10	21.10	7.20	.00	.00	0	0	1	II	
43	TANGENT	45	46	1	11	21.10	7.20	.00	.00	0	0	1	II	
44	TANGENT	46	47	1	12	21.10	7.20	.00	.00	0	0	1	II	
45	TANGENT	26	48	1	13	21.10	7.20	.00	.00	0	0	1	II	
46	TANGENT	48	49	1	14	21.10	7.20	.00	.00	0	0	1	II	
47	TANGENT	49	50	1	15	21.10	7.20	.00	.00	0	0	1	II	
48	TANGENT	50	51	1	15	21.10	7.20	.00	.00	0	0	1	II	
49	TANGENT	51	52	1	16	21.10	7.20	.00	.00	0	0	1	II	
50	TANGENT	52	53	1	17	21.10	7.20	.00	.00	0	0	1	II	
51	TANGENT	50	54	1	18	21.10	7.20	.00	.00	0	0	1	II	
52	TANGENT	54	55	1	19	21.10	7.20	.00	.00	0	0	1	II	
53	TANGENT	55	56	1	19	21.10	7.20	.00	.00	0	0	1	II	
54	TANGENT	56	57	1	19	21.10	7.20	.00	.00	0	0	1	II	
55	BEND	57	58	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-9799.000)	(20027.000)	(2452.000)	(90.0001)			
56	TANGENT	58	59	1	19	21.10	7.20	.00	.00	0	0	1	II	
57	TANGENT	59	60	1	19	21.10	7.20	.00	.00	0	0	1	II	
58	TANGENT	60	61	1	19	21.10	7.20	.00	.00	0	0	1	II	
59	TANGENT	61	62	1	19	21.10	7.20	.00	.00	0	0	1	II	
60	TANGENT	62	63	1	20	21.10	7.20	.00	.00	0	0	1	II	
61	TANGENT	62	64	1	20	21.10	7.20	.00	.00	0	0	1	II	
62	TANGENT	64	65	1	20	21.10	7.20	.00	.00	0	0	1	II	
63	TANGENT	65	66	1	20	21.10	7.20	.00	.00	0	0	1	II	
64	TANGENT	66	67	1	20	21.10	7.20	.00	.00	0	0	1	II	
65	TANGENT	67	68	1	20	21.10	7.20	.00	.00	0	0	1	II	
66	TANGENT	68	69	1	20	21.10	7.20	.00	.00	0	0	1	II	
67	TANGENT	69	70	1	20	21.10	7.20	.00	.00	0	0	1	II	
68	TANGENT	70	71	1	20	21.10	7.20	.00	.00	0	0	1	II	
69	TANGENT	71	72	1	20	21.10	7.20	.00	.00	0	0	1	II	
70	TANGENT	67	73	1	19	21.10	7.20	.00	.00	0	0	1	II	
71	TANGENT	73	74	1	19	21.10	7.20	.00	.00	0	0	1	II	
72	TANGENT	74	75	1	19	21.10	7.20	.00	.00	0	0	1	II	
73	TANGENT	75	76	1	19	21.10	7.20	.00	.00	0	0	1	II	
74	BEND	76	77	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-9799.000)	(20035.000)	(3284.000)	(90.0001)			
75	TANGENT	77	78	1	19	21.10	7.20	.00	.00	0	0	1	II	
76	TANGENT	78	80	1	19	21.10	7.20	.00	.00	0	0	1	II	
77	TANGENT	80	82	1	19	21.10	7.20	.00	.00	0	0	1	II	
78	TANGENT	82	83	1	18	21.10	7.20	.00	.00	0	0	1	II	
79	TANGENT	83	84	1	15	21.10	7.20	.00	.00	0	0	1	II	
80	TANGENT	83	85	1	15	21.10	7.20	.00	.00	0	0	1	II	
81	TANGENT	84	86	1	16	21.10	7.20	.00	.00	0	0	1	II	
82	TANGENT	86	87	1	17	21.10	7.20	.00	.00	0	0	1	II	
83	TANGENT	85	88	1	14	21.10	7.20	.00	.00	0	0	1	II	
84	TANGENT	88	27	1	13	21.10	7.20	.00	.00	0	0	1	II	
85	TANGENT	70	89	1	19	21.10	7.20	.00	.00	0	0	1	II	
86	TANGENT	89	90	1	19	21.10	7.20	.00	.00	0	0	1	II	
87	TANGENT	90	91	1	19	21.10	7.20	.00	.00	0	0	1	II	

88	TANGENT	91	92	1	19	21.10	7.20	.00	.00	0	0	1	II	
89	TANGENT	92	93	1	19	21.10	7.20	.00	.00	0	0	1	II	
90	TANGENT	91	94	1	19	21.10	7.20	.00	.00	0	0	1	II	
91	TANGENT	94	95	1	19	21.10	7.20	.00	.00	0	0	1	II	
92	TANGENT	95	96	1	19	21.10	7.20	.00	.00	0	0	1	II	
93	TANGENT	96	97	1	19	21.10	7.20	.00	.00	0	0	1	II	
94	TANGENT	95	98	1	19	21.10	7.20	.00	.00	0	0	1	II	
95	TANGENT	98	99	1	19	21.10	7.20	.00	.00	0	0	1	II	
96	BEND	99	100	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-7715.290)	(17989.000)	(3717.000)	(68.4755)			
97	TANGENT	100	101	1	19	21.10	7.20	.00	.00	0	0	1	II	
98	TANGENT	101	102	1	19	21.10	7.20	.00	.00	0	0	1	II	
99	TANGENT	102	103	1	19	21.10	7.20	.00	.00	0	0	1	II	
100	TANGENT	103	104	1	19	21.10	7.20	.00	.00	0	0	1	II	
101	TANGENT	104	105	1	19	21.10	7.20	.00	.00	0	0	1	II	
102	BEND	105	106	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-6715.891)	(17608.000)	(2216.389)	(90.0002)			
103	TANGENT	106	107	1	19	21.10	7.20	.00	.00	0	0	1	II	
104	TANGENT	107	109	1	19	21.10	7.20	.00	.00	0	0	1	II	
105	TANGENT	109	110	1	19	21.10	7.20	.00	.00	0	0	1	II	
106	TANGENT	110	111	1	19	21.10	7.20	.00	.00	0	0	1	II	
107	TANGENT	111	113	1	19	21.10	7.20	.00	.00	0	0	1	II	
108	TANGENT	113	114	2	21	21.10	7.20	.00	.00	0	0	1	II	
109	TANGENT	114	115	2	21	21.10	7.20	.00	.00	0	0	1	II	
110	BEND	115	116	2	21	21.10	7.20	.00	.00	0	0			IC
						(802.200)	(CC)	(-7350.927)	(8763.494)	(2069.396)	(84.7205)			
111	TANGENT	116	117	2	21	21.10	7.20	.00	.00	0	0	1	II	
112	TANGENT	117	118	2	21	21.10	7.20	.00	.00	0	0	1	II	
113	TANGENT	118	121	2	21	21.10	7.20	.00	.00	0	0	1	II	
114	TANGENT	121	123	2	21	21.10	7.20	.00	.00	0	0	1	II	
115	BEND	123	124	2	21	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-13307.951)	(7026.734)	(3665.508)	(85.0243)			
116	TANGENT	124	125	2	21	21.10	7.20	.00	.00	0	0	1	II	
117	TANGENT	125	126	2	21	21.10	7.20	.00	.00	0	0	1	II	
118	TANGENT	126	127	2	22	21.10	7.20	.00	.00	0	0	1	II	
119	TANGENT	127	128	2	22	21.10	7.20	.00	.00	0	0	1	II	
120	TANGENT	128	129	2	22	21.10	7.20	.00	.00	0	0	1	II	
121	TANGENT	129	130	2	23	21.10	7.20	.00	.00	0	0	1	II	
122	TANGENT	129	131	2	23	21.10	7.20	.00	.00	0	0	1	II	
123	TANGENT	129	132	2	23	21.10	7.20	.00	.00	0	0	1	II	
124	TANGENT	129	133	2	23	21.10	7.20	.00	.00	0	0	1	II	
125	TANGENT	129	134	2	22	21.10	7.20	.00	.00	0	0	1	II	
126	TANGENT	134	135	2	22	21.10	7.20	.00	.00	0	0	1	II	
127	TANGENT	63	136	1	20	21.10	7.20	.00	.00	0	0	1	II	
128	TANGENT	136	137	1	20	21.10	7.20	.00	.00	0	0	1	II	
129	TANGENT	137	139	1	20	21.10	7.20	.00	.00	0	0	1	II	
130	TANGENT	139	140	1	20	21.10	7.20	.00	.00	0	0	1	II	
131	TANGENT	140	141	1	20	21.10	7.20	.00	.00	0	0	1	II	
132	TANGENT	141	142	1	20	21.10	7.20	.00	.00	0	0	1	II	

133	TANGENT	142	143	1	20	21.10	7.20	.00	.00	0	0	1	II	
134	TANGENT	143	144	1	20	21.10	7.20	.00	.00	0	0	1	II	
135	TANGENT	144	145	1	20	21.10	7.20	.00	.00	0	0	1	II	
136	TANGENT	145	146	1	20	21.10	7.20	.00	.00	0	0	1	II	
137	TANGENT	140	147	1	19	21.10	7.20	.00	.00	0	0	1	II	
138	TANGENT	147	148	1	19	21.10	7.20	.00	.00	0	0	1	II	
139	TANGENT	148	149	1	19	21.10	7.20	.00	.00	0	0	1	II	
140	TANGENT	149	150	1	19	21.10	7.20	.00	.00	0	0	1	II	
141	BEND	150	151	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-9799.000)	(20027.000)	(-2452.000)	(90.0001)			
142	TANGENT	151	152	1	19	21.10	7.20	.00	.00	0	0	1	II	
143	TANGENT	152	153	1	19	21.10	7.20	.00	.00	0	0	1	II	
144	TANGENT	153	154	1	19	21.10	7.20	.00	.00	0	0	1	II	
145	TANGENT	154	155	1	18	21.10	7.20	.00	.00	0	0	1	II	
146	TANGENT	155	156	1	15	21.10	7.20	.00	.00	0	0	1	II	
147	TANGENT	155	157	1	15	21.10	7.20	.00	.00	0	0	1	II	
148	TANGENT	157	158	1	16	21.10	7.20	.00	.00	0	0	1	II	
149	TANGENT	158	159	1	17	21.10	7.20	.00	.00	0	0	1	II	
150	TANGENT	156	160	1	14	21.10	7.20	.00	.00	0	0	1	II	
151	TANGENT	160	161	1	13	21.10	7.20	.00	.00	0	0	1	II	
152	TANGENT	144	162	1	19	21.10	7.20	.00	.00	0	0	1	II	
153	TANGENT	162	163	1	19	21.10	7.20	.00	.00	0	0	1	II	
154	TANGENT	163	164	1	19	21.10	7.20	.00	.00	0	0	1	II	
155	TANGENT	164	165	1	19	21.10	7.20	.00	.00	0	0	1	II	
156	BEND	165	166	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-9799.000)	(20035.000)	(-3284.000)	(90.0001)			
157	TANGENT	166	167	1	19	21.10	7.20	.00	.00	0	0	1	II	
158	TANGENT	167	169	1	19	21.10	7.20	.00	.00	0	0	1	II	
159	TANGENT	169	171	1	19	21.10	7.20	.00	.00	0	0	1	II	
160	TANGENT	171	172	1	18	21.10	7.20	.00	.00	0	0	1	II	
161	TANGENT	172	173	1	15	21.10	7.20	.00	.00	0	0	1	II	
162	TANGENT	172	174	1	15	21.10	7.20	.00	.00	0	0	1	II	
163	TANGENT	174	175	1	16	21.10	7.20	.00	.00	0	0	1	II	
164	TANGENT	175	176	1	17	21.10	7.20	.00	.00	0	0	1	II	
165	TANGENT	173	177	1	14	21.10	7.20	.00	.00	0	0	1	II	
166	TANGENT	177	178	1	13	21.10	7.20	.00	.00	0	0	1	II	
167	TANGENT	161	178	1	2	21.10	7.20	.00	.00	0	0	1	II	
168	TANGENT	178	179	1	2	21.10	7.20	.00	.00	0	0	1	II	
169	TANGENT	179	180	1	2	21.10	7.20	.00	.00	0	0	1	II	
170	TANGENT	180	181	1	2	21.10	7.20	.00	.00	0	0	1	II	
171	BEND	181	182	1	2	21.10	7.20	.00	.00	0	0			IC
						(1422.000)	(CC)	(-4363.527)	(19439.674)	(-5791.045)	(77.3104)			
172	TANGENT	182	183	1	2	21.10	7.20	.00	.00	0	0	1	II	
173	TANGENT	183	184	1	2	21.10	7.20	.00	.00	0	0	1	II	
174	BEND	184	185	1	2	21.10	7.20	.00	.00	0	0			IC
						(1066.500)	(CC)	(-3414.500)	(20526.910)	(-7213.000)	(89.4286)			
175	TANGENT	185	186	1	2	21.10	7.20	.00	.00	0	0	1	II	
176	TANGENT	186	187	1	2	21.10	7.20	.00	.00	0	0	1	II	
177	BEND	187	188	1	2	21.10	7.20	.00	.00	0	0			IC

						(1422.000)	(CC)	(-1908.058)	(21418.000)	(-5860.767)	(89.9999)				
178	TANGENT	188	189	1	2	21.10	7.20	.00	.00	0	0	1	II		
179	TANGENT	189	190	1	2	21.10	7.20	.00	.00	0	0	1	II		
180	TANGENT	189	191	1	7	21.10	7.20	.00	.00	0	0	1	II		
181	TANGENT	191	192	1	8	21.10	7.20	.00	.00	0	0	1	II		
182	TANGENT	192	193	1	8	21.10	7.20	.00	.00	0	0	1	II		
183	TANGENT	193	194	1	8	21.10	7.20	.00	.00	0	0	1	II		
184	TANGENT	190	195	1	9	21.10	7.20	.00	.00	0	0	1	II		
185	TANGENT	195	196	1	10	21.10	7.20	.00	.00	0	0	1	II		
186	TANGENT	196	197	1	11	21.10	7.20	.00	.00	0	0	1	II		
187	TANGENT	197	198	1	12	21.10	7.20	.00	.00	0	0	1	II		
188	TANGENT	161	199	1	2	21.10	7.20	.00	.00	0	0	1	II		
189	BEND	199	200	1	2	21.10	7.20	.00	.00	0	0				IC
						(1422.000)	(CC)	(-8115.031)	(19380.846)	(-2821.946)	(74.5333)				
190	TANGENT	200	201	1	2	21.10	7.20	.00	.00	0	0	1	II		
191	TANGENT	201	202	1	2	21.10	7.20	.00	.00	0	0	1	II		
192	TANGENT	202	203	1	2	21.10	7.20	.00	.00	0	0	1	II		
193	TANGENT	203	204	1	2	21.10	7.20	.00	.00	0	0	1	II		
194	TANGENT	204	205	1	3	21.10	7.20	.00	.00	0	0	1	II		
195	TANGENT	205	206	1	3	21.10	7.20	.00	.00	0	0	1	II		
196	TANGENT	205	207	1	3	21.10	7.20	.00	.00	0	0	1	II		
197	TANGENT	207	208	1	3	21.10	7.20	.00	.00	0	0	1	II		
198	TANGENT	207	209	1	3	21.10	7.20	.00	.00	0	0	1	II		
199	TANGENT	209	210	1	4	21.10	7.20	.00	.00	0	0	1	II		
200	TANGENT	210	211	1	4	21.10	7.20	.00	.00	0	0	1	II		
201	TANGENT	211	212	1	4	21.10	7.20	.00	.00	0	0	1	II		
202	TANGENT	212	213	1	4	21.10	7.20	.00	.00	0	0	1	II		
203	TANGENT	210	215	1	5	21.10	7.20	.00	.00	0	0	1	II		
204	TANGENT	215	216	1	6	21.10	7.20	.00	.00	0	0	1	II		
205	TANGENT	216	217	1	6	21.10	7.20	.00	.00	0	0	1	II		
206	TANGENT	217	218	1	6	21.10	7.20	.00	.00	0	0	1	II		
207	TANGENT	218	212	1	5	21.10	7.20	.00	.00	0	0	1	II		
208	TANGENT	206	220	1	2	21.10	7.20	.00	.00	0	0	1	II		
209	TANGENT	220	222	1	2	21.10	7.20	.00	.00	0	0	1	II		
210	TANGENT	222	223	1	1	21.10	7.20	.00	.00	0	0	1	II		
211	TANGENT	29	224	1	13	21.10	7.20	.00	.00	0	0	1	II		
212	TANGENT	224	225	1	14	21.10	7.20	.00	.00	0	0	1	II		
213	TANGENT	225	226	1	15	21.10	7.20	.00	.00	0	0	1	II		
214	TANGENT	226	227	1	15	21.10	7.20	.00	.00	0	0	1	II		
215	TANGENT	226	228	1	18	21.10	7.20	.00	.00	0	0	1	II		
216	TANGENT	227	229	1	16	21.10	7.20	.00	.00	0	0	1	II		
217	TANGENT	229	230	1	17	21.10	7.20	.00	.00	0	0	1	II		
218	TANGENT	228	231	1	24	21.10	7.20	.00	.00	0	0	1	II		
219	TANGENT	231	232	1	24	21.10	7.20	.00	.00	0	0	1	II		
220	BEND	232	233	1	24	21.10	7.20	.00	.00	0	0				IC
						(381.000)	(CC)	(-5476.034)	(20061.000)	(7996.446)	(89.9994)				
221	TANGENT	233	234	1	24	21.10	7.20	.00	.00	0	0	1	II		
222	TANGENT	234	235	1	24	21.10	7.20	.00	.00	0	0	1	II		
223	BEND	235	236	1	24	21.10	7.20	.00	.00	0	0				IC
						(381.000)	(CC)	(-5037.000)	(18396.000)	(8373.000)	(90.0001)				

224	TANGENT	236	237	1	24	21.10	7.20	.00	.00	0	0	1	II	
225	TANGENT	237	238	1	24	21.10	7.20	.00	.00	0	0	1	II	
226	TANGENT	238	239	1	24	21.10	7.20	.00	.00	0	0	1	II	
227	TANGENT	239	240	1	24	21.10	7.20	.00	.00	0	0	1	II	
228	TANGENT	238	241	1	24	21.10	7.20	.00	.00	0	0	1	II	
229	TANGENT	241	242	1	24	21.10	7.20	.00	.00	0	0	1	II	
230	TANGENT	242	243	1	24	21.10	7.20	.00	.00	0	0	1	II	
231	TANGENT	243	244	1	24	21.10	7.20	.00	.00	0	0	1	II	
232	TANGENT	242	245	1	24	21.10	7.20	.00	.00	0	0	1	II	
233	BEND	245	246	1	24	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-2992.000)	(18015.000)	(7991.000)	(90.1507)			
234	TANGENT	246	247	1	24	21.10	7.20	.00	.00	0	0	1	II	
235	TANGENT	247	248	1	24	21.10	7.20	.00	.00	0	0	1	II	
236	BEND	248	249	1	24	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-2611.000)	(17634.000)	(7394.000)	(90.0001)			
237	TANGENT	249	251	1	24	21.10	7.20	.00	.00	0	0	1	II	
238	TANGENT	251	252	1	24	21.10	7.20	.00	.00	0	0	1	II	
239	TANGENT	252	253	1	24	21.10	7.20	.00	.00	0	0	1	II	
240	TANGENT	253	255	1	24	21.10	7.20	.00	.00	0	0	1	II	
241	TANGENT	255	256	2	21	21.10	7.20	.00	.00	0	0	1	II	
242	TANGENT	256	257	2	21	21.10	7.20	.00	.00	0	0	1	II	
243	BEND	257	258	2	21	21.10	7.20	.00	.00	0	0			IC
						(802.200)	(CC)	(-2818.396)	(8789.494)	(7787.927)	(84.7205)			
244	TANGENT	258	259	2	21	21.10	7.20	.00	.00	0	0	1	II	
245	TANGENT	259	260	2	21	21.10	7.20	.00	.00	0	0	1	II	
246	TANGENT	260	263	2	21	21.10	7.20	.00	.00	0	0	1	II	
247	TANGENT	263	265	2	21	21.10	7.20	.00	.00	0	0	1	II	
248	BEND	265	266	2	21	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-4414.508)	(7052.734)	(13748.951)	(85.0243)			
249	TANGENT	266	267	2	21	21.10	7.20	.00	.00	0	0	1	II	
250	TANGENT	267	268	2	21	21.10	7.20	.00	.00	0	0	1	II	
251	TANGENT	268	269	2	22	21.10	7.20	.00	.00	0	0	1	II	
252	TANGENT	269	270	2	22	21.10	7.20	.00	.00	0	0	1	II	
253	TANGENT	270	271	2	22	21.10	7.20	.00	.00	0	0	1	II	
254	TANGENT	271	272	2	23	21.10	7.20	.00	.00	0	0	1	II	
255	TANGENT	271	273	2	23	21.10	7.20	.00	.00	0	0	1	II	
256	TANGENT	271	274	2	23	21.10	7.20	.00	.00	0	0	1	II	
257	TANGENT	271	275	2	23	21.10	7.20	.00	.00	0	0	1	II	
258	TANGENT	271	276	2	22	21.10	7.20	.00	.00	0	0	1	II	
259	TANGENT	276	277	2	22	21.10	7.20	.00	.00	0	0	1	II	
260	TANGENT	32	278	1	13	21.10	7.20	.00	.00	0	0	1	II	
261	TANGENT	278	279	1	14	21.10	7.20	.00	.00	0	0	1	II	
262	TANGENT	279	280	1	15	21.10	7.20	.00	.00	0	0	1	II	
263	TANGENT	280	281	1	15	21.10	7.20	.00	.00	0	0	1	II	
264	TANGENT	281	282	1	16	21.10	7.20	.00	.00	0	0	1	II	
265	TANGENT	282	283	1	17	21.10	7.20	.00	.00	0	0	1	II	
266	TANGENT	280	284	1	18	21.10	7.20	.00	.00	0	0	1	II	
267	TANGENT	284	285	1	19	21.10	7.20	.00	.00	0	0	1	II	
268	TANGENT	285	286	1	19	21.10	7.20	.00	.00	0	0	1	II	

269	BEND	286	287	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-4180.813)	(20092.000)	(7782.864)	(90.0008)			
270	TANGENT	287	288	1	19	21.10	7.20	.00	.00	0	0	1	II	
271	TANGENT	288	289	1	19	21.10	7.20	.00	.00	0	0	1	II	
272	BEND	289	290	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-4371.000)	(19278.000)	(8494.000)	(90.0001)			
273	TANGENT	290	291	1	19	21.10	7.20	.00	.00	0	0	1	II	
274	TANGENT	291	292	1	19	21.10	7.20	.00	.00	0	0	1	II	
275	BEND	292	293	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-3990.000)	(18897.000)	(9653.000)	(90.0001)			
276	TANGENT	293	294	1	19	21.10	7.20	.00	.00	0	0	1	II	
277	TANGENT	294	296	1	19	21.10	7.20	.00	.00	0	0	1	II	
278	TANGENT	296	297	1	19	21.10	7.20	.00	.00	0	0	1	II	
279	TANGENT	297	298	1	19	21.10	7.20	.00	.00	0	0	1	II	
280	TANGENT	296	299	1	19	21.10	7.20	.00	.00	0	0	1	II	
281	TANGENT	299	300	1	19	21.10	7.20	.00	.00	0	0	1	II	
282	TANGENT	300	301	1	19	21.10	7.20	.00	.00	0	0	1	II	
283	TANGENT	301	302	1	19	21.10	7.20	.00	.00	0	0	1	II	
284	TANGENT	300	303	1	19	21.10	7.20	.00	.00	0	0	1	II	
285	BEND	303	304	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(622.702)	(18897.000)	(9653.000)	(67.0260)			
286	TANGENT	304	305	1	19	21.10	7.20	.00	.00	0	0	1	II	
287	TANGENT	305	306	1	19	21.10	7.20	.00	.00	0	0	1	II	
288	TANGENT	306	307	1	19	21.10	7.20	.00	.00	0	0	1	II	
289	BEND	307	308	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(1752.077)	(18516.000)	(7965.689)	(90.0000)			
290	TANGENT	308	311	1	19	21.10	7.20	.00	.00	0	0	1	II	
291	TANGENT	311	312	1	19	21.10	7.20	.00	.00	0	0	1	II	
292	TANGENT	312	313	1	19	21.10	7.20	.00	.00	0	0	1	II	
293	TANGENT	313	315	1	19	21.10	7.20	.00	.00	0	0	1	II	
294	TANGENT	315	316	2	21	21.10	7.20	.00	.00	0	0	1	II	
295	TANGENT	316	317	2	21	21.10	7.20	.00	.00	0	0	1	II	
296	BEND	317	318	2	21	21.10	7.20	.00	.00	0	0			IC
						(802.200)	(CC)	(2108.605)	(8741.880)	(8389.872)	(80.9784)			
297	TANGENT	318	319	2	21	21.10	7.20	.00	.00	0	0	1	II	
298	TANGENT	319	320	2	21	21.10	7.20	.00	.00	0	0	1	II	
299	TANGENT	320	322	2	21	21.10	7.20	.00	.00	0	0	1	II	
300	TANGENT	322	323	2	21	21.10	7.20	.00	.00	0	0	1	II	
301	BEND	323	324	2	21	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(2877.362)	(7075.415)	(11257.990)	(81.0327)			
302	TANGENT	324	325	2	21	21.10	7.20	.00	.00	0	0	1	II	
303	TANGENT	325	326	2	21	21.10	7.20	.00	.00	0	0	1	II	
304	TANGENT	326	327	2	22	21.10	7.20	.00	.00	0	0	1	II	
305	TANGENT	327	328	2	22	21.10	7.20	.00	.00	0	0	1	II	
306	TANGENT	328	329	2	22	21.10	7.20	.00	.00	0	0	1	II	
307	TANGENT	329	330	2	23	21.10	7.20	.00	.00	0	0	1	II	

308	TANGENT	329	331	2	23	21.10	7.20	.00	.00	0	0	1	II	
309	TANGENT	329	332	2	23	21.10	7.20	.00	.00	0	0	1	II	
310	TANGENT	329	333	2	23	21.10	7.20	.00	.00	0	0	1	II	
311	TANGENT	329	334	2	22	21.10	7.20	.00	.00	0	0	1	II	
312	TANGENT	334	335	2	22	21.10	7.20	.00	.00	0	0	1	II	
313	TANGENT	180	336	1	13	21.10	7.20	.00	.00	0	0	1	II	
314	TANGENT	336	337	1	14	21.10	7.20	.00	.00	0	0	1	II	
315	TANGENT	337	338	1	15	21.10	7.20	.00	.00	0	0	1	II	
316	TANGENT	338	339	1	15	21.10	7.20	.00	.00	0	0	1	II	
317	TANGENT	338	340	1	18	21.10	7.20	.00	.00	0	0	1	II	
318	TANGENT	339	341	1	16	21.10	7.20	.00	.00	0	0	1	II	
319	TANGENT	341	342	1	17	21.10	7.20	.00	.00	0	0	1	II	
320	TANGENT	340	343	1	19	21.10	7.20	.00	.00	0	0	1	II	
321	TANGENT	343	344	1	19	21.10	7.20	.00	.00	0	0	1	II	
322	BEND	344	345	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-5476.034)	(20061.000)	(-7996.446)	(89.9994)			
323	TANGENT	345	346	1	19	21.10	7.20	.00	.00	0	0	1	II	
324	TANGENT	346	347	1	19	21.10	7.20	.00	.00	0	0	1	II	
325	BEND	347	348	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-5037.000)	(18381.000)	(-8373.000)	(90.0001)			
326	TANGENT	348	349	1	19	21.10	7.20	.00	.00	0	0	1	II	
327	TANGENT	349	350	1	19	21.10	7.20	.00	.00	0	0	1	II	
328	TANGENT	350	351	1	19	21.10	7.20	.00	.00	0	0	1	II	
329	TANGENT	351	352	1	19	21.10	7.20	.00	.00	0	0	1	II	
330	TANGENT	350	353	1	19	21.10	7.20	.00	.00	0	0	1	II	
331	TANGENT	353	354	1	19	21.10	7.20	.00	.00	0	0	1	II	
332	TANGENT	354	355	1	19	21.10	7.20	.00	.00	0	0	1	II	
333	TANGENT	355	356	1	19	21.10	7.20	.00	.00	0	0	1	II	
334	TANGENT	354	357	1	19	21.10	7.20	.00	.00	0	0	1	II	
335	BEND	357	358	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-2991.000)	(18000.000)	(-7992.000)	(90.0001)			
336	TANGENT	358	359	1	19	21.10	7.20	.00	.00	0	0	1	II	
337	TANGENT	359	360	1	19	21.10	7.20	.00	.00	0	0	1	II	
338	TANGENT	360	361	1	19	21.10	7.20	.00	.00	0	0	1	II	
339	BEND	361	362	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-2610.000)	(17619.000)	(-7396.000)	(90.0001)			
340	TANGENT	362	364	1	19	21.10	7.20	.00	.00	0	0	1	II	
341	TANGENT	364	365	1	19	21.10	7.20	.00	.00	0	0	1	II	
342	TANGENT	365	366	1	19	21.10	7.20	.00	.00	0	0	1	II	
343	TANGENT	366	368	1	19	21.10	7.20	.00	.00	0	0	1	II	
344	TANGENT	368	369	2	21	21.10	7.20	.00	.00	0	0	1	II	
345	TANGENT	369	370	2	21	21.10	7.20	.00	.00	0	0	1	II	
346	BEND	370	371	2	21	21.10	7.20	.00	.00	0	0			IC
						(802.200)	(CC)	(-2817.605)	(8727.880)	(-7789.871)	(80.9784)			
347	TANGENT	371	372	2	21	21.10	7.20	.00	.00	0	0	1	II	
348	TANGENT	372	373	2	21	21.10	7.20	.00	.00	0	0	1	II	
349	TANGENT	373	375	2	21	21.10	7.20	.00	.00	0	0	1	II	
350	TANGENT	375	376	2	21	21.10	7.20	.00	.00	0	0	1	II	

351	BEND	376	377	2	21	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-3586.362)	(7061.415)	(-10657.990)	(81.0327)			
352	TANGENT	377	378	2	21	21.10	7.20	.00	.00	0	0	1	II	
353	TANGENT	378	379	2	21	21.10	7.20	.00	.00	0	0	1	II	
354	TANGENT	379	380	2	22	21.10	7.20	.00	.00	0	0	1	II	
355	TANGENT	380	381	2	22	21.10	7.20	.00	.00	0	0	1	II	
356	TANGENT	381	382	2	22	21.10	7.20	.00	.00	0	0	1	II	
357	TANGENT	382	383	2	23	21.10	7.20	.00	.00	0	0	1	II	
358	TANGENT	382	384	2	23	21.10	7.20	.00	.00	0	0	1	II	
359	TANGENT	382	385	2	23	21.10	7.20	.00	.00	0	0	1	II	
360	TANGENT	382	386	2	23	21.10	7.20	.00	.00	0	0	1	II	
361	TANGENT	382	387	2	22	21.10	7.20	.00	.00	0	0	1	II	
362	TANGENT	387	388	2	22	21.10	7.20	.00	.00	0	0	1	II	
363	TANGENT	183	389	1	13	21.10	7.20	.00	.00	0	0	1	II	
364	TANGENT	389	390	1	14	21.10	7.20	.00	.00	0	0	1	II	
365	TANGENT	390	391	1	15	21.10	7.20	.00	.00	0	0	1	II	
366	TANGENT	391	392	1	15	21.10	7.20	.00	.00	0	0	1	II	
367	TANGENT	392	393	1	16	21.10	7.20	.00	.00	0	0	1	II	
368	TANGENT	393	394	1	17	21.10	7.20	.00	.00	0	0	1	II	
369	TANGENT	391	395	1	18	21.10	7.20	.00	.00	0	0	1	II	
370	TANGENT	395	396	1	19	21.10	7.20	.00	.00	0	0	1	II	
371	TANGENT	396	397	1	19	21.10	7.20	.00	.00	0	0	1	II	
372	BEND	397	398	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-4181.038)	(20092.000)	(-7783.312)	(90.0001)			
373	TANGENT	398	399	1	19	21.10	7.20	.00	.00	0	0	1	II	
374	TANGENT	399	400	1	19	21.10	7.20	.00	.00	0	0	1	II	
375	BEND	400	401	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-4372.000)	(19278.000)	(-8494.000)	(90.0001)			
376	TANGENT	401	402	1	19	21.10	7.20	.00	.00	0	0	1	II	
377	TANGENT	402	403	1	19	21.10	7.20	.00	.00	0	0	1	II	
378	BEND	403	404	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(-3991.000)	(18897.000)	(-9653.000)	(90.0001)			
379	TANGENT	404	405	1	19	21.10	7.20	.00	.00	0	0	1	II	
380	TANGENT	405	407	1	19	21.10	7.20	.00	.00	0	0	1	II	
381	TANGENT	407	408	1	19	21.10	7.20	.00	.00	0	0	1	II	
382	TANGENT	408	409	1	19	21.10	7.20	.00	.00	0	0	1	II	
383	TANGENT	407	410	1	19	21.10	7.20	.00	.00	0	0	1	II	
384	TANGENT	410	411	1	19	21.10	7.20	.00	.00	0	0	1	II	
385	TANGENT	411	412	1	19	21.10	7.20	.00	.00	0	0	1	II	
386	TANGENT	412	413	1	19	21.10	7.20	.00	.00	0	0	1	II	
387	TANGENT	411	414	1	19	21.10	7.20	.00	.00	0	0	1	II	
388	BEND	414	415	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(620.580)	(18897.000)	(-9653.000)	(67.0500)			
389	TANGENT	415	416	1	19	21.10	7.20	.00	.00	0	0	1	II	
390	TANGENT	416	417	1	19	21.10	7.20	.00	.00	0	0	1	II	
391	TANGENT	417	418	1	19	21.10	7.20	.00	.00	0	0	1	II	
392	BEND	418	419	1	19	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC)	(1749.260)	(18516.000)	(-7966.767)	(90.0005)			

393	TANGENT	419	422	1	19	21.10	7.20	.00	.00	0	0	1	II	
394	TANGENT	422	423	1	19	21.10	7.20	.00	.00	0	0	1	II	
395	TANGENT	423	424	1	19	21.10	7.20	.00	.00	0	0	1	II	
396	TANGENT	424	426	1	19	21.10	7.20	.00	.00	0	0	1	II	
397	TANGENT	426	427	2	21	21.10	7.20	.00	.00	0	0	1	II	
398	TANGENT	427	428	2	21	21.10	7.20	.00	.00	0	0	1	II	
399	BEND	428	429	2	21	21.10	7.20	.00	.00	0	0			IC
						(802.200)	(CC) (	2105.396)(	8788.494)(	-8390.927)	(84.7205)			
400	TANGENT	429	430	2	21	21.10	7.20	.00	.00	0	0	1	II	
401	TANGENT	430	431	2	21	21.10	7.20	.00	.00	0	0	1	II	
402	TANGENT	431	434	2	21	21.10	7.20	.00	.00	0	0	1	II	
403	TANGENT	434	436	2	21	21.10	7.20	.00	.00	0	0	1	II	
404	BEND	436	437	2	21	21.10	7.20	.00	.00	0	0			IC
						(381.000)	(CC) (	3701.508)(	7051.734)(	-14347.951)	(85.0243)			
405	TANGENT	437	438	2	21	21.10	7.20	.00	.00	0	0	1	II	
406	TANGENT	438	439	2	21	21.10	7.20	.00	.00	0	0	1	II	
407	TANGENT	439	440	2	22	21.10	7.20	.00	.00	0	0	1	II	
408	TANGENT	440	441	2	22	21.10	7.20	.00	.00	0	0	1	II	
409	TANGENT	441	442	2	22	21.10	7.20	.00	.00	0	0	1	II	
410	TANGENT	442	443	2	23	21.10	7.20	.00	.00	0	0	1	II	
411	TANGENT	442	444	2	23	21.10	7.20	.00	.00	0	0	1	II	
412	TANGENT	442	445	2	23	21.10	7.20	.00	.00	0	0	1	II	
413	TANGENT	442	446	2	23	21.10	7.20	.00	.00	0	0	1	II	
414	TANGENT	442	447	2	22	21.10	7.20	.00	.00	0	0	1	II	
415	TANGENT	447	448	2	22	21.10	7.20	.00	.00	0	0	1	II	

N O D A L L O A D S (S T A T I C) O R M A S S E S (D Y N A M I C)

NODE NUMBER	LOAD CASE	X-AXIS FORCE	Y-AXIS FORCE	Z-AXIS FORCE	X-AXIS MOMENT	Y-AXIS MOMENT	Z-AXIS MOMENT
8	0	7.73349E-01	7.73349E-01	7.73349E-01	0.00000E+00	0.00000E+00	0.00000E+00
9	0	3.03904E+00	3.03904E+00	3.03904E+00	0.00000E+00	0.00000E+00	0.00000E+00
10	0	1.08864E+00	1.08864E+00	1.08864E+00	0.00000E+00	0.00000E+00	0.00000E+00
12	0	9.95136E-01	9.95136E-01	9.95136E-01	0.00000E+00	0.00000E+00	0.00000E+00
14	0	6.26001E-01	6.26001E-01	6.26001E-01	0.00000E+00	0.00000E+00	0.00000E+00
17	0	6.32221E-03	6.32221E-03	6.32221E-03	0.00000E+00	0.00000E+00	0.00000E+00
18	0	1.40720E-02	1.40720E-02	1.40720E-02	0.00000E+00	0.00000E+00	0.00000E+00
207	0	7.73349E-01	7.73349E-01	7.73349E-01	0.00000E+00	0.00000E+00	0.00000E+00
208	0	3.03904E+00	3.03904E+00	3.03904E+00	0.00000E+00	0.00000E+00	0.00000E+00
209	0	1.08864E+00	1.08864E+00	1.08864E+00	0.00000E+00	0.00000E+00	0.00000E+00
211	0	9.95136E-01	9.95136E-01	9.95136E-01	0.00000E+00	0.00000E+00	0.00000E+00
213	0	6.26001E-01	6.26001E-01	6.26001E-01	0.00000E+00	0.00000E+00	0.00000E+00
216	0	6.32221E-03	6.32221E-03	6.32221E-03	0.00000E+00	0.00000E+00	0.00000E+00
217	0	1.40720E-02	1.40720E-02	1.40720E-02	0.00000E+00	0.00000E+00	0.00000E+00
49	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
50	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
51	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
52	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
53	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
54	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
85	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
83	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
84	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
86	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
87	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
82	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
156	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
155	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
157	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
158	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
159	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
154	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
173	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
172	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
174	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
175	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
176	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
171	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
225	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
226	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
227	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
229	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
230	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
228	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
279	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
280	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
281	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00

282	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
283	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
284	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
337	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
338	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
339	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
341	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
342	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
340	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
390	0	1.08385E-01	1.08385E-01	1.08385E-01	0.00000E+00	0.00000E+00	0.00000E+00
391	0	4.71280E-01	4.71280E-01	4.71280E-01	0.00000E+00	0.00000E+00	0.00000E+00
392	0	2.35655E-02	2.35655E-02	2.35655E-02	0.00000E+00	0.00000E+00	0.00000E+00
393	0	7.73889E-01	7.73889E-01	7.73889E-01	0.00000E+00	0.00000E+00	0.00000E+00
394	0	2.26345E-01	2.26345E-01	2.26345E-01	0.00000E+00	0.00000E+00	0.00000E+00
395	0	6.61996E-02	6.61996E-02	6.61996E-02	0.00000E+00	0.00000E+00	0.00000E+00
240	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
244	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
352	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
356	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
298	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
302	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
409	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
413	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
93	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
97	0	3.72123E-01	3.72123E-01	3.72123E-01	0.00000E+00	0.00000E+00	0.00000E+00
41	0	8.16483E-01	8.16483E-01	8.16483E-01	0.00000E+00	0.00000E+00	0.00000E+00
42	0	1.81437E+00	1.81437E+00	1.81437E+00	0.00000E+00	0.00000E+00	0.00000E+00
43	0	3.26511E-01	3.26511E-01	3.26511E-01	0.00000E+00	0.00000E+00	0.00000E+00
192	0	8.16483E-01	8.16483E-01	8.16483E-01	0.00000E+00	0.00000E+00	0.00000E+00
193	0	1.81437E+00	1.81437E+00	1.81437E+00	0.00000E+00	0.00000E+00	0.00000E+00
194	0	3.26511E-01	3.26511E-01	3.26511E-01	0.00000E+00	0.00000E+00	0.00000E+00
294	0	1.78449E-01	1.78449E-01	1.78449E-01	0.00000E+00	0.00000E+00	0.00000E+00
349	0	1.78449E-01	1.78449E-01	1.78449E-01	0.00000E+00	0.00000E+00	0.00000E+00
137	0	1.78449E-01	1.78449E-01	1.78449E-01	0.00000E+00	0.00000E+00	0.00000E+00
98	0	1.78449E-01	1.78449E-01	1.78449E-01	0.00000E+00	0.00000E+00	0.00000E+00
359	0	1.01971E-01	1.01971E-01	1.01971E-01	0.00000E+00	0.00000E+00	0.00000E+00
366	0	1.52957E-01	1.52957E-01	1.52957E-01	0.00000E+00	0.00000E+00	0.00000E+00
237	0	1.52957E-01	1.52957E-01	1.52957E-01	0.00000E+00	0.00000E+00	0.00000E+00
405	0	1.01971E-01	1.01971E-01	1.01971E-01	0.00000E+00	0.00000E+00	0.00000E+00
142	0	1.01971E-01	1.01971E-01	1.01971E-01	0.00000E+00	0.00000E+00	0.00000E+00
65	0	1.01971E-01	1.01971E-01	1.01971E-01	0.00000E+00	0.00000E+00	0.00000E+00
303	0	7.64783E-02	7.64783E-02	7.64783E-02	0.00000E+00	0.00000E+00	0.00000E+00
304	0	2.54928E-02	2.54928E-02	2.54928E-02	0.00000E+00	0.00000E+00	0.00000E+00
235	0	7.64783E-02	7.64783E-02	7.64783E-02	0.00000E+00	0.00000E+00	0.00000E+00
241	0	2.54928E-02	2.54928E-02	2.54928E-02	0.00000E+00	0.00000E+00	0.00000E+00
246	0	2.54928E-02	2.54928E-02	2.54928E-02	0.00000E+00	0.00000E+00	0.00000E+00
417	0	7.64783E-02	7.64783E-02	7.64783E-02	0.00000E+00	0.00000E+00	0.00000E+00
231	0	2.54928E-02	2.54928E-02	2.54928E-02	0.00000E+00	0.00000E+00	0.00000E+00

```
E I G E N V A L U E   A N A L Y S I S


0SUBSPACE ITERATION SOLUTION IS CARRIED OUT
0

 CONTROL INFORMATION

     FLAG FOR ADDITIONAL PRINTING  =    0
       EQ.0, SUPPRESS
       EQ.1, PRINT

     STURM SEQUENCE CHECK FLAG (*) =    0
       EQ.0, PERFORM CHECK
       EQ.1, PASS

     MAXIMUM ITERATION CYCLES (*)  =   16

     CONVERGENCE TOLERANCE (*)     =    1.0000E-05

     CUT-OFF FREQUENCY (CPS)       =    1.0000E+02

     NUMBER OF STARTING ITERATION
     VECTORS TO BE READ FROM
     TAPE10 (*)                    =    0


     (*)  APPLICABLE TO SUBSPACE
          ITERATION SOLUTIONS ONLY



 SOLUTION IS SOUGHT FOR FOLLOWING EIGENPROBLEM


 NUMBER OF EQUATIONS                = 2472

 HALF BANDWIDTH OF STIFFNESS MATRIX =   60

 NUMBER OF EQUATION BLOCKS          =    2

 NUMBER OF EQUATIONS PER BLOCK      = 1400

 NUMBER OF EIGENVALUES REQUIRED     =  250


WE SOLVED FOR THE FOLLOWING EIGENVALUES
0  8.97932711884043E+02  9.48984198154015E+02  1.02440298847347E+03  1.14479770887407E+03  1.32065629249169E+03  1.54776884370657E+03
0  1.73526490288734E+03  1.75763276498717E+03  1.77805471178075E+03  2.07876132414875E+03  2.47792371125857E+03  3.03557397486813E+03
0  3.19497586998797E+03  3.37083429365828E+03  3.76589055638741E+03  3.87355677968318E+03  3.89429324867007E+03  4.11945557759281E+03
0  4.23121914261646E+03  4.34427204319458E+03  4.36574679141305E+03  4.39598717440122E+03  4.41796319064279E+03  4.41946377909426E+03
0  4.62369886705348E+03  4.89908489991227E+03  4.90840837357357E+03  5.94645302958009E+03  6.25623039771784E+03  6.51804214080851E+03
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0	6.59419778429738E+03	7.01987294415189E+03	8.13213265055100E+03	8.74745272794936E+03	8.76568765869463E+03	9.34621683744782E+03
0	9.56439815809123E+03	1.12683614761109E+04	1.13199975999947E+04	1.16198995032982E+04	1.17007429746434E+04	1.24892003091794E+04
0	1.25395400163500E+04	1.30168521185770E+04	1.33265654827700E+04	1.53663458890040E+04	1.66664560545652E+04	1.67171519015022E+04
0	1.77111820008948E+04	1.82095017489379E+04	1.94980209736808E+04	1.95138059613713E+04	2.05304585029294E+04	2.05854853453867E+04
0	2.09346754947442E+04	2.14898918560706E+04	2.18597873064383E+04	2.22857724356912E+04	2.24185738565538E+04	2.36311512860614E+04
0	2.40177244004681E+04	2.41409025173757E+04	2.42504472874477E+04	2.47891035405191E+04	2.51828905961362E+04	2.66428666495573E+04
0	2.71064953317190E+04	2.75506988565870E+04	2.81401462441964E+04	2.97037621655342E+04	3.00670905939575E+04	3.10440647259673E+04
0	3.11271691648945E+04	3.15847601878233E+04	3.16006393769359E+04	3.28457013415577E+04	3.29175350307269E+04	3.29839596495961E+04
0	3.43856315919152E+04	3.48598738206137E+04	3.50572441061953E+04	3.53792022538187E+04	3.59012328628856E+04	3.62734236074480E+04
0	3.68483266155346E+04	3.70174100458164E+04	3.74365201773973E+04	3.82362769067089E+04	3.83853586141405E+04	3.88314323680870E+04
0	3.88821143558747E+04	3.91551640699617E+04	4.04836316403380E+04	4.20233149181327E+04	4.22806957635075E+04	4.34737801995597E+04
0	4.43333238617579E+04	4.55905455963471E+04	4.59411153986771E+04	4.62075102336012E+04	4.66280723658203E+04	4.67202566643829E+04
0	4.73519028491016E+04	4.80849613101845E+04	4.87098849729053E+04	4.87330002527627E+04	4.97219569247106E+04	5.19102737904947E+04
0	5.19737649199129E+04	5.30122043991347E+04	5.40521316315325E+04	5.62565782245104E+04	6.00437668130175E+04	6.27463518528797E+04
0	6.35838933760666E+04	6.42305563055979E+04	6.59451322528924E+04	6.78477388342767E+04	6.80660645606219E+04	6.84112209922593E+04
0	6.84872406036068E+04	6.85054795163824E+04	6.85816418158472E+04	6.87714159775265E+04	6.91216222761170E+04	6.93555927367120E+04
0	6.95386473612525E+04	6.95459509818963E+04	7.01398059655790E+04	7.05671902272256E+04	7.30351660051084E+04	7.47036333019308E+04
0	7.51639815927348E+04	7.61797744389741E+04	7.66021261901306E+04	7.73128085653021E+04	8.04132178137711E+04	8.04219978873882E+04
0	8.04892177682822E+04	8.30980062638588E+04	8.49032519572078E+04	8.53394220798782E+04	8.61778048887963E+04	9.07845944543603E+04
0	9.09868151911117E+04	9.56714830600950E+04	9.69200310685061E+04	9.92545799381231E+04	1.00192614553511E+05	1.00426265944120E+05
0	1.02385215334545E+05	1.02555752479733E+05	1.03699467633233E+05	1.05404336184114E+05	1.09838882429463E+05	1.12819561713044E+05
0	1.13697028619446E+05	1.18175667259119E+05	1.20600913586569E+05	1.21227504055195E+05	1.22279185105518E+05	1.24010052442196E+05
0	1.24099052089186E+05	1.24228805658182E+05	1.27099328876182E+05	1.27548760280831E+05	1.32579060860311E+05	1.34091225855750E+05
0	1.35735798327148E+05	1.36206919302201E+05	1.38020719267942E+05	1.38511840005540E+05	1.44301063751494E+05	1.44314791146308E+05
0	1.44458374341719E+05	1.54447888239225E+05	1.54962508320127E+05	1.60002044185989E+05	1.61288911731259E+05	1.62077640047426E+05
0	1.67348117597469E+05	1.69640933963183E+05	1.70093940652576E+05	1.70276016039335E+05	1.71033054671451E+05	1.73706810554445E+05
0	1.80141701481534E+05	1.83971805469343E+05	1.87096827594821E+05	1.88784923416095E+05	1.90299614210802E+05	1.90500248963682E+05
0	1.95170976856481E+05	1.96985822538572E+05	1.98577041824135E+05	2.04584177013500E+05	2.06644388461399E+05	2.07412933741944E+05
0	2.12352258041432E+05	2.12973169914860E+05	2.17141108834645E+05	2.20749928796361E+05	2.21108740950099E+05	2.21925228532748E+05
0	2.22193740064795E+05	2.24215854840600E+05	2.25189219407795E+05	2.29891399246164E+05	2.37570304276622E+05	2.37915602815671E+05
0	2.47329178997020E+05	2.47939909039302E+05	2.51233854294469E+05	2.73212630692088E+05	2.77542369509111E+05	2.81488005939842E+05
0	2.84840549714644E+05	2.85714147465536E+05	2.88259715288345E+05	2.97127588555052E+05	3.11924142168486E+05	3.21811738397559E+05
0	3.29515557423784E+05	3.29535169650164E+05	3.31923780649478E+05	3.32572485228635E+05	3.37531405313294E+05	3.42738997969440E+05
0	3.57746710194827E+05	3.74459026583179E+05	3.80497634198577E+05	3.86413509224319E+05	3.86838835260072E+05	3.91247773021398E+05
0	3.94383345895178E+05	4.14841040041583E+05	4.20204995502340E+05	4.33861248136069E+05	4.38502493686866E+05	4.42023870428736E+05
0	4.70380261559467E+05	4.72576149120149E+05	4.83713925459361E+05	4.88891306071837E+05	5.56862969386972E+05	5.70823833889161E+05
0	5.88191988652425E+05	6.13035995256827E+05	6.27326332846860E+05	6.61117222389908E+05		

PRINT OF FREQUENCIES

	MODE NUMBER	CIRCULAR FREQUENCY (RAD/SEC)	FREQUENCY (CYCLES/SEC)	PERIOD (SEC)	TOLERANCE
0	1	2.9966E+01	4.7692E+00	2.0968E-01	0.0000E+00
0	2	3.0806E+01	4.9029E+00	2.0396E-01	0.0000E+00
0	3	3.2006E+01	5.0940E+00	1.9631E-01	0.0000E+00
0	4	3.3835E+01	5.3850E+00	1.8570E-01	3.9723E-16
0	5	3.6341E+01	5.7838E+00	1.7290E-01	0.0000E+00
0	6	3.9342E+01	6.2614E+00	1.5971E-01	0.0000E+00
0	7	4.1657E+01	6.6298E+00	1.5083E-01	6.5516E-16
0	8	4.1924E+01	6.6724E+00	1.4987E-01	5.1745E-16
0	9	4.2167E+01	6.7111E+00	1.4901E-01	7.6727E-16
0	10	4.5593E+01	7.2564E+00	1.3781E-01	4.3752E-16

0	11	4.9779E+01	7.9225E+00	1.2622E-01	1.1011E-15
0	12	5.5096E+01	8.7688E+00	1.1404E-01	4.4942E-16
0	13	5.6524E+01	8.9961E+00	1.1116E-01	0.0000E+00
0	14	5.8059E+01	9.2404E+00	1.0822E-01	5.3963E-16
0	15	6.1367E+01	9.7668E+00	1.0239E-01	6.0377E-16
0	16	6.2238E+01	9.9055E+00	1.0095E-01	1.5262E-15
0	17	6.2404E+01	9.9319E+00	1.0069E-01	2.3355E-16
0	18	6.4183E+01	1.0215E+01	9.7895E-02	1.1039E-15
0	19	6.5048E+01	1.0353E+01	9.6593E-02	4.2990E-16
0	20	6.5911E+01	1.0490E+01	9.5328E-02	0.0000E+00
0	21	6.6074E+01	1.0516E+01	9.5093E-02	2.0833E-16
0	22	6.6302E+01	1.0552E+01	9.4766E-02	8.2757E-16
0	23	6.6468E+01	1.0579E+01	9.4530E-02	2.0586E-16
0	24	6.6479E+01	1.0580E+01	9.4514E-02	2.0579E-16
0	25	6.7998E+01	1.0822E+01	9.2403E-02	1.5736E-15
0	26	6.9993E+01	1.1140E+01	8.9768E-02	1.8565E-16
0	27	7.0060E+01	1.1150E+01	8.9683E-02	1.8529E-16
0	28	7.7113E+01	1.2273E+01	8.1480E-02	3.0589E-16
0	29	7.9096E+01	1.2589E+01	7.9437E-02	1.4537E-16
0	30	8.0734E+01	1.2849E+01	7.7825E-02	5.5814E-16
0	31	8.1205E+01	1.2924E+01	7.7375E-02	1.2413E-15
0	32	8.3785E+01	1.3335E+01	7.4992E-02	6.4780E-16
0	33	9.0178E+01	1.4352E+01	6.9675E-02	4.4736E-16
0	34	9.3528E+01	1.4885E+01	6.7180E-02	0.0000E+00
0	35	9.3625E+01	1.4901E+01	6.7110E-02	4.1502E-16
0	36	9.6676E+01	1.5386E+01	6.4992E-02	9.7312E-16
0	37	9.7798E+01	1.5565E+01	6.4247E-02	1.1411E-15
0	38	1.0615E+02	1.6895E+01	5.9190E-02	1.7757E-15
0	39	1.0640E+02	1.6933E+01	5.9055E-02	6.4275E-16
0	40	1.0780E+02	1.7156E+01	5.8288E-02	4.6962E-16
0	41	1.0817E+02	1.7216E+01	5.8086E-02	1.2437E-15
0	42	1.1176E+02	1.7786E+01	5.6223E-02	7.2822E-16
0	43	1.1198E+02	1.7822E+01	5.6110E-02	7.2530E-16
0	44	1.1409E+02	1.8158E+01	5.5071E-02	5.5896E-16
0	45	1.1544E+02	1.8373E+01	5.4428E-02	8.1896E-16
0	46	1.2396E+02	1.9729E+01	5.0687E-02	3.9064E-15
0	47	1.2910E+02	2.0547E+01	4.8670E-02	1.5280E-15
0	48	1.2929E+02	2.0578E+01	4.8596E-02	1.3057E-15
0	49	1.3308E+02	2.1181E+01	4.7212E-02	1.0270E-15
0	50	1.3494E+02	2.1477E+01	4.6562E-02	5.9935E-16
0	51	1.3964E+02	2.2224E+01	4.4997E-02	7.4633E-16
0	52	1.3969E+02	2.2233E+01	4.4979E-02	1.8643E-16
0	53	1.4328E+02	2.2804E+01	4.3851E-02	3.5440E-16
0	54	1.4348E+02	2.2835E+01	4.3792E-02	3.5345E-16
0	55	1.4469E+02	2.3028E+01	4.3426E-02	1.2164E-15
0	56	1.4659E+02	2.3331E+01	4.2861E-02	3.3858E-16
0	57	1.4785E+02	2.3531E+01	4.2497E-02	4.9927E-16
0	58	1.4928E+02	2.3759E+01	4.2089E-02	6.5297E-16
0	59	1.4973E+02	2.3830E+01	4.1964E-02	6.4910E-16
0	60	1.5372E+02	2.4466E+01	4.0873E-02	3.0790E-16
0	61	1.5498E+02	2.4665E+01	4.0543E-02	1.6662E-15
0	62	1.5537E+02	2.4728E+01	4.0439E-02	2.7126E-15
0	63	1.5573E+02	2.4784E+01	4.0348E-02	4.5005E-16

0	64	1.5745E+02	2.5058E+01	3.9907E-02	1.3208E-15
0	65	1.5869E+02	2.5256E+01	3.9594E-02	7.2231E-16
0	66	1.6323E+02	2.5978E+01	3.8494E-02	4.0964E-16
0	67	1.6464E+02	2.6203E+01	3.8163E-02	1.8789E-15
0	68	1.6598E+02	2.6417E+01	3.7854E-02	1.8487E-15
0	69	1.6775E+02	2.6698E+01	3.7456E-02	6.4640E-16
0	70	1.7235E+02	2.7430E+01	3.6456E-02	4.8990E-16
0	71	1.7340E+02	2.7597E+01	3.6235E-02	2.6619E-15
0	72	1.7619E+02	2.8042E+01	3.5661E-02	3.5156E-16
0	73	1.7643E+02	2.8080E+01	3.5613E-02	1.2856E-15
0	74	1.7772E+02	2.8285E+01	3.5354E-02	1.6125E-15
0	75	1.7777E+02	2.8292E+01	3.5345E-02	1.3815E-15
0	76	1.8123E+02	2.8844E+01	3.4669E-02	4.4304E-16
0	77	1.8143E+02	2.8876E+01	3.4631E-02	2.2104E-16
0	78	1.8161E+02	2.8905E+01	3.4596E-02	4.4118E-16
0	79	1.8543E+02	2.9513E+01	3.3884E-02	1.6928E-15
0	80	1.8671E+02	2.9715E+01	3.3652E-02	4.1744E-16
0	81	1.8724E+02	2.9800E+01	3.3558E-02	1.8679E-15
0	82	1.8809E+02	2.9936E+01	3.3405E-02	4.1131E-16
0	83	1.8948E+02	3.0156E+01	3.3161E-02	2.4320E-15
0	84	1.9046E+02	3.0312E+01	3.2990E-02	2.0059E-16
0	85	1.9196E+02	3.0551E+01	3.2732E-02	1.7771E-15
0	86	1.9240E+02	3.0621E+01	3.2657E-02	1.9656E-15
0	87	1.9349E+02	3.0794E+01	3.2474E-02	3.8871E-16
0	88	1.9554E+02	3.1121E+01	3.2132E-02	1.1417E-15
0	89	1.9592E+02	3.1182E+01	3.2070E-02	3.7910E-16
0	90	1.9706E+02	3.1363E+01	3.1885E-02	1.1242E-15
0	91	1.9719E+02	3.1383E+01	3.1864E-02	3.7426E-16
0	92	1.9788E+02	3.1493E+01	3.1753E-02	5.5747E-16
0	93	2.0121E+02	3.2023E+01	3.1228E-02	5.3918E-16
0	94	2.0500E+02	3.2626E+01	3.0650E-02	6.9256E-16
0	95	2.0562E+02	3.2726E+01	3.0557E-02	0.0000E+00
0	96	2.0850E+02	3.3184E+01	3.0135E-02	3.3473E-16
0	97	2.1055E+02	3.3511E+01	2.9841E-02	0.0000E+00
0	98	2.1352E+02	3.3983E+01	2.9427E-02	1.1172E-15
0	99	2.1434E+02	3.4113E+01	2.9314E-02	7.9188E-16
0	100	2.1496E+02	3.4212E+01	2.9230E-02	1.5746E-15
0	101	2.1594E+02	3.4367E+01	2.9098E-02	1.5604E-15
0	102	2.1615E+02	3.4401E+01	2.9069E-02	7.7867E-16
0	103	2.1760E+02	3.4633E+01	2.8874E-02	9.2194E-16
0	104	2.1928E+02	3.4900E+01	2.8653E-02	6.0526E-16
0	105	2.2070E+02	3.5126E+01	2.8469E-02	1.0456E-15
0	106	2.2076E+02	3.5134E+01	2.8462E-02	1.4930E-16
0	107	2.2298E+02	3.5489E+01	2.8178E-02	2.9267E-16
0	108	2.2784E+02	3.6262E+01	2.7577E-02	1.8221E-15
0	109	2.2798E+02	3.6284E+01	2.7561E-02	1.8199E-15
0	110	2.3024E+02	3.6644E+01	2.7289E-02	6.8625E-16
0	111	2.3249E+02	3.7002E+01	2.7025E-02	3.2306E-15
0	112	2.3718E+02	3.7749E+01	2.6491E-02	1.2934E-16
0	113	2.4504E+02	3.8999E+01	2.5642E-02	4.8471E-16
0	114	2.5049E+02	3.9867E+01	2.5083E-02	1.3915E-15
0	115	2.5216E+02	4.0132E+01	2.4918E-02	1.1443E-15
0	116	2.5344E+02	4.0336E+01	2.4792E-02	1.2461E-15

0	117	2.5680E+02	4.0871E+01	2.4467E-02	1.5447E-15
0	118	2.6048E+02	4.1456E+01	2.4122E-02	0.0000E+00
0	119	2.6089E+02	4.1523E+01	2.4083E-02	4.2758E-16
0	120	2.6156E+02	4.1628E+01	2.4022E-02	2.1271E-16
0	121	2.6170E+02	4.1651E+01	2.4009E-02	1.9123E-15
0	122	2.6174E+02	4.1657E+01	2.4006E-02	2.1242E-16
0	123	2.6188E+02	4.1680E+01	2.3993E-02	4.2437E-16
0	124	2.6224E+02	4.1737E+01	2.3959E-02	6.3479E-16
0	125	2.6291E+02	4.1843E+01	2.3899E-02	2.1053E-15
0	126	2.6335E+02	4.1914E+01	2.3858E-02	2.0982E-16
0	127	2.6370E+02	4.1969E+01	2.3827E-02	2.0926E-15
0	128	2.6372E+02	4.1972E+01	2.3826E-02	2.0924E-15
0	129	2.6484E+02	4.2150E+01	2.3725E-02	4.5643E-15
0	130	2.6564E+02	4.2279E+01	2.3653E-02	1.2373E-15
0	131	2.7025E+02	4.3012E+01	2.3250E-02	4.3834E-14
0	132	2.7332E+02	4.3500E+01	2.2988E-02	3.4089E-14
0	133	2.7416E+02	4.3634E+01	2.2918E-02	1.7618E-14
0	134	2.7601E+02	4.3928E+01	2.2765E-02	2.4833E-15
0	135	2.7677E+02	4.4049E+01	2.2702E-02	1.0828E-14
0	136	2.7805E+02	4.4253E+01	2.2597E-02	2.4469E-15
0	137	2.8357E+02	4.5132E+01	2.2157E-02	1.8096E-16
0	138	2.8359E+02	4.5134E+01	2.2156E-02	9.0472E-16
0	139	2.8371E+02	4.5153E+01	2.2147E-02	5.4238E-16
0	140	2.8827E+02	4.5879E+01	2.1796E-02	1.7512E-16
0	141	2.9138E+02	4.6375E+01	2.1563E-02	3.4279E-16
0	142	2.9213E+02	4.6494E+01	2.1508E-02	4.5017E-14
0	143	2.9356E+02	4.6722E+01	2.1403E-02	1.9419E-13
0	144	3.0130E+02	4.7954E+01	2.0853E-02	5.4627E-13
0	145	3.0164E+02	4.8008E+01	2.0830E-02	6.4281E-12
0	146	3.0931E+02	4.9228E+01	2.0314E-02	8.4625E-11
0	147	3.1132E+02	4.9548E+01	2.0182E-02	1.5014E-16
0	148	3.1505E+02	5.0141E+01	1.9944E-02	1.5805E-13
0	149	3.1653E+02	5.0378E+01	1.9850E-02	9.2791E-10
0	150	3.1690E+02	5.0436E+01	1.9827E-02	6.4083E-10
0	151	3.1998E+02	5.0926E+01	1.9636E-02	2.1916E-13
0	152	3.2024E+02	5.0968E+01	1.9620E-02	8.5583E-12
0	153	3.2202E+02	5.1252E+01	1.9512E-02	4.2098E-16
0	154	3.2466E+02	5.1671E+01	1.9353E-02	2.6582E-12
0	155	3.3142E+02	5.2747E+01	1.8958E-02	1.1924E-15
0	156	3.3589E+02	5.3458E+01	1.8706E-02	2.2544E-12
0	157	3.3719E+02	5.3665E+01	1.8634E-02	6.0394E-12
0	158	3.4377E+02	5.4712E+01	1.8277E-02	2.5033E-12
0	159	3.4728E+02	5.5271E+01	1.8093E-02	1.8879E-10
0	160	3.4818E+02	5.5414E+01	1.8046E-02	9.6030E-16
0	161	3.4968E+02	5.5654E+01	1.7968E-02	2.1707E-12
0	162	3.5215E+02	5.6047E+01	1.7842E-02	3.8248E-12
0	163	3.5228E+02	5.6067E+01	1.7836E-02	4.6904E-16
0	164	3.5246E+02	5.6096E+01	1.7827E-02	1.5474E-13
0	165	3.5651E+02	5.6740E+01	1.7624E-02	1.1449E-16
0	166	3.5714E+02	5.6841E+01	1.7593E-02	1.3597E-10
0	167	3.6411E+02	5.7951E+01	1.7256E-02	1.0559E-13
0	168	3.6618E+02	5.8280E+01	1.7159E-02	1.1613E-08
0	169	3.6842E+02	5.8636E+01	1.7054E-02	1.3057E-08

0	170	3.6906E+02	5.8738E+01	1.7025E-02	4.2735E-16
0	171	3.7151E+02	5.9128E+01	1.6912E-02	4.5967E-08
0	172	3.7217E+02	5.9233E+01	1.6882E-02	2.5269E-11
0	173	3.7987E+02	6.0458E+01	1.6540E-02	1.4925E-14
0	174	3.7989E+02	6.0461E+01	1.6540E-02	4.4919E-10
0	175	3.8008E+02	6.0491E+01	1.6531E-02	9.4166E-13
0	176	3.9300E+02	6.2548E+01	1.5988E-02	8.1420E-07
0	177	3.9365E+02	6.2652E+01	1.5961E-02	9.5084E-07
0	178	4.0000E+02	6.3662E+01	1.5708E-02	7.7132E-06
0	179	4.0161E+02	6.3918E+01	1.5645E-02	1.4453E-05
0	180	4.0259E+02	6.4074E+01	1.5607E-02	1.5749E-07
0	181	4.0908E+02	6.5107E+01	1.5359E-02	1.8856E-12
0	182	4.1187E+02	6.5552E+01	1.5255E-02	1.6799E-12
0	183	4.1242E+02	6.5639E+01	1.5235E-02	6.4124E-08
0	184	4.1265E+02	6.5675E+01	1.5227E-02	3.3415E-10
0	185	4.1356E+02	6.5820E+01	1.5193E-02	4.1878E-13
0	186	4.1678E+02	6.6333E+01	1.5075E-02	1.6724E-10
0	187	4.2443E+02	6.7550E+01	1.4804E-02	2.1954E-06
0	188	4.2892E+02	6.8265E+01	1.4649E-02	4.7661E-04
0	189	4.3255E+02	6.8842E+01	1.4526E-02	3.8154E-03
0	190	4.3449E+02	6.9152E+01	1.4461E-02	1.9219E-10
0	191	4.3623E+02	6.9429E+01	1.4403E-02	1.8275E-06
0	192	4.3646E+02	6.9465E+01	1.4396E-02	6.3059E-05
0	193	4.4178E+02	7.0312E+01	1.4222E-02	2.9545E-06
0	194	4.4383E+02	7.0638E+01	1.4157E-02	7.3977E-09
0	195	4.4562E+02	7.0923E+01	1.4100E-02	2.2221E-11
0	196	4.5231E+02	7.1987E+01	1.3891E-02	3.9326E-08
0	197	4.5458E+02	7.2349E+01	1.3822E-02	1.6412E-04
0	198	4.5543E+02	7.2483E+01	1.3796E-02	2.1217E-06
0	199	4.6082E+02	7.3341E+01	1.3635E-02	2.1902E-05
0	200	4.6149E+02	7.3448E+01	1.3615E-02	1.6748E-04
0	201	4.6598E+02	7.4164E+01	1.3484E-02	5.3751E-03
0	202	4.6984E+02	7.4777E+01	1.3373E-02	2.8976E-04
0	203	4.7022E+02	7.4838E+01	1.3362E-02	3.7975E-10
0	204	4.7109E+02	7.4976E+01	1.3338E-02	1.2043E-06
0	205	4.7137E+02	7.5022E+01	1.3330E-02	5.0517E-07
0	206	4.7351E+02	7.5362E+01	1.3269E-02	4.3536E-03
0	207	4.7454E+02	7.5526E+01	1.3241E-02	2.0881E-02
0	208	4.7947E+02	7.6310E+01	1.3104E-02	4.9112E-03
0	209	4.8741E+02	7.7574E+01	1.2891E-02	5.5170E-04
0	210	4.8777E+02	7.7630E+01	1.2882E-02	2.0966E-03
0	211	4.9732E+02	7.9151E+01	1.2634E-02	2.8632E-05
0	212	4.9794E+02	7.9249E+01	1.2618E-02	1.3075E-02
0	213	5.0123E+02	7.9774E+01	1.2535E-02	8.0108E-02
0	214	5.2270E+02	8.3190E+01	1.2021E-02	6.3249E-05
0	215	5.2682E+02	8.3846E+01	1.1927E-02	1.5518E-03
0	216	5.3055E+02	8.4440E+01	1.1843E-02	1.1959E-02
0	217	5.3370E+02	8.4942E+01	1.1773E-02	5.8866E-03
0	218	5.3452E+02	8.5072E+01	1.1755E-02	1.2710E-02
0	219	5.3690E+02	8.5450E+01	1.1703E-02	2.6645E-02
0	220	5.4509E+02	8.6754E+01	1.1527E-02	3.3888E-02
0	221	5.5850E+02	8.8888E+01	1.1250E-02	5.0016E-08
0	222	5.6728E+02	9.0286E+01	1.1076E-02	1.4403E-05

```
0 223      5.7403E+02  9.1360E+01  1.0946E-02  1.8847E-05
0 224      5.7405E+02  9.1363E+01  1.0945E-02  2.7064E-08
0 225      5.7613E+02  9.1694E+01  1.0906E-02  1.5096E-03
0 226      5.7669E+02  9.1783E+01  1.0895E-02  1.4145E-03
0 227      5.8097E+02  9.2465E+01  1.0815E-02  6.1821E-03
0 228      5.8544E+02  9.3176E+01  1.0732E-02  6.0097E-04
0 229      5.9812E+02  9.5194E+01  1.0505E-02  8.8843E-04
0 230      6.1193E+02  9.7392E+01  1.0268E-02  5.7110E-03
0 231      6.1684E+02  9.8174E+01  1.0186E-02  1.2157E-03
0 232      6.2162E+02  9.8934E+01  1.0108E-02  5.1836E-06
0 233      6.2196E+02  9.8989E+01  1.0102E-02  1.9906E-05
0 234      6.2550E+02  9.9551E+01  1.0045E-02  2.2702E-03
0 235      6.2800E+02  9.9949E+01  1.0005E-02  3.0217E-03
0 236      6.4408E+02  1.0251E+02  9.7553E-03  8.8314E-05
0 237      6.4823E+02  1.0317E+02  9.6928E-03  9.2202E-04
0 238      6.5868E+02  1.0483E+02  9.5390E-03  4.4582E-06
0 239      6.6220E+02  1.0539E+02  9.4884E-03  3.9053E-05
0 240      6.6485E+02  1.0581E+02  9.4505E-03  3.0583E-06
0 241      6.8584E+02  1.0916E+02  9.1613E-03  3.4105E-04
0 242      6.8744E+02  1.0941E+02  9.1400E-03  3.8955E-03
0 243      6.9550E+02  1.1069E+02  9.0341E-03  1.0782E-02
0 244      6.9921E+02  1.1128E+02  8.9862E-03  1.3644E-01
0 245      7.4623E+02  1.1877E+02  8.4199E-03  1.2506E-02
0 246      7.5553E+02  1.2025E+02  8.3163E-03  5.2459E-02
0 247      7.6694E+02  1.2206E+02  8.1926E-03  6.5783E-02
0 248      7.8297E+02  1.2461E+02  8.0248E-03  3.3742E-02
0 249      7.9204E+02  1.2606E+02  7.9329E-03  4.6604E-02
0 250      8.1309E+02  1.2941E+02  7.7275E-03  5.7794E-03
```

```
 MODE #    1
 FREQUENCY (HZ) =   4.77
 NODE  311   1(X);2(Y);3(Z)=    2
 MODE #    2
 FREQUENCY (HZ) =   4.90
 NODE   72   1(X);2(Y);3(Z)=    1
 MODE #    3
 FREQUENCY (HZ) =   5.09
 NODE  411   1(X);2(Y);3(Z)=    1
 MODE #    4
 FREQUENCY (HZ) =   5.38
 NODE  366   1(X);2(Y);3(Z)=    2
 MODE #    5
 FREQUENCY (HZ) =   5.78
 NODE  115   1(X);2(Y);3(Z)=    2
 MODE #    6
 FREQUENCY (HZ) =   6.26
 NODE  359   1(X);2(Y);3(Z)=    3
 MODE #    7
 FREQUENCY (HZ) =   6.63
 NODE  286   1(X);2(Y);3(Z)=    2
 MODE #    8
 FREQUENCY (HZ) =   6.67
```

```
NODE  359   1(X);2(Y);3(Z)=    3
MODE #    9
FREQUENCY (HZ) =   6.71
NODE  248   1(X);2(Y);3(Z)=    3
MODE #   10
FREQUENCY (HZ) =   7.26
NODE  315   1(X);2(Y);3(Z)=    2
MODE #   11
FREQUENCY (HZ) =   7.92
NODE  105   1(X);2(Y);3(Z)=    1
MODE #   12
FREQUENCY (HZ) =   8.77
NODE  413   1(X);2(Y);3(Z)=    2
MODE #   13
FREQUENCY (HZ) =   9.00
NODE  413   1(X);2(Y);3(Z)=    2
MODE #   14
FREQUENCY (HZ) =   9.24
NODE  106   1(X);2(Y);3(Z)=    1
MODE #   15
FREQUENCY (HZ) =   9.77
NODE  260   1(X);2(Y);3(Z)=    3
MODE #   16
FREQUENCY (HZ) =   9.91
NODE  434   1(X);2(Y);3(Z)=    3
MODE #   17
FREQUENCY (HZ) =   9.93
NODE  121   1(X);2(Y);3(Z)=    1
MODE #   18
FREQUENCY (HZ) =  10.22
NODE  146   1(X);2(Y);3(Z)=    1
MODE #   19
FREQUENCY (HZ) =  10.35
NODE   53   1(X);2(Y);3(Z)=    2
MODE #   20
FREQUENCY (HZ) =  10.49
NODE  375   1(X);2(Y);3(Z)=    3
MODE #   21
FREQUENCY (HZ) =  10.52
NODE  322   1(X);2(Y);3(Z)=    3
MODE #   22
FREQUENCY (HZ) =  10.55
NODE  436   1(X);2(Y);3(Z)=    1
MODE #   23
FREQUENCY (HZ) =  10.58
NODE  123   1(X);2(Y);3(Z)=    3
MODE #   24
FREQUENCY (HZ) =  10.58
NODE  265   1(X);2(Y);3(Z)=    1
MODE #   25
FREQUENCY (HZ) =  10.82
NODE  419   1(X);2(Y);3(Z)=    1
MODE #   26
```

```
FREQUENCY (HZ) =  11.14
NODE  323   1(X);2(Y);3(Z)=    1
MODE #   27
FREQUENCY (HZ) =  11.15
NODE  376   1(X);2(Y);3(Z)=    1
MODE #   28
FREQUENCY (HZ) =  12.27
NODE  146   1(X);2(Y);3(Z)=    1
MODE #   29
FREQUENCY (HZ) =  12.59
NODE  230   1(X);2(Y);3(Z)=    1
MODE #   30
FREQUENCY (HZ) =  12.85
NODE  146   1(X);2(Y);3(Z)=    1
MODE #   31
FREQUENCY (HZ) =  12.92
NODE  257   1(X);2(Y);3(Z)=    2
MODE #   32
FREQUENCY (HZ) =  13.33
NODE  308   1(X);2(Y);3(Z)=    1
MODE #   33
FREQUENCY (HZ) =  14.35
NODE  106   1(X);2(Y);3(Z)=    1
MODE #   34
FREQUENCY (HZ) =  14.89
NODE   14   1(X);2(Y);3(Z)=    3
MODE #   35
FREQUENCY (HZ) =  14.90
NODE  213   1(X);2(Y);3(Z)=    3
MODE #   36
FREQUENCY (HZ) =  15.39
NODE   72   1(X);2(Y);3(Z)=    2
MODE #   37
FREQUENCY (HZ) =  15.56
NODE  352   1(X);2(Y);3(Z)=    1
MODE #   38
FREQUENCY (HZ) =  16.89
NODE  213   1(X);2(Y);3(Z)=    2
MODE #   39
FREQUENCY (HZ) =  16.93
NODE   14   1(X);2(Y);3(Z)=    2
MODE #   40
FREQUENCY (HZ) =  17.16
NODE  308   1(X);2(Y);3(Z)=    1
MODE #   41
FREQUENCY (HZ) =  17.22
NODE  431   1(X);2(Y);3(Z)=    2
MODE #   42
FREQUENCY (HZ) =  17.79
NODE  194   1(X);2(Y);3(Z)=    2
MODE #   43
FREQUENCY (HZ) =  17.82
NODE  249   1(X);2(Y);3(Z)=    1
```

```
MODE #   44
FREQUENCY (HZ) =  18.16
NODE  249   1(X);2(Y);3(Z)=    1
MODE #   45
FREQUENCY (HZ) =  18.37
NODE  298   1(X);2(Y);3(Z)=    2
MODE #   46
FREQUENCY (HZ) =  19.73
NODE  403   1(X);2(Y);3(Z)=    3
MODE #   47
FREQUENCY (HZ) =  20.55
NODE   43   1(X);2(Y);3(Z)=    3
MODE #   48
FREQUENCY (HZ) =  20.58
NODE  194   1(X);2(Y);3(Z)=    3
MODE #   49
FREQUENCY (HZ) =  21.18
NODE  166   1(X);2(Y);3(Z)=    3
MODE #   50
FREQUENCY (HZ) =  21.48
NODE  292   1(X);2(Y);3(Z)=    3
MODE #   51
FREQUENCY (HZ) =  22.22
NODE  263   1(X);2(Y);3(Z)=    2
MODE #   52
FREQUENCY (HZ) =  22.23
NODE  121   1(X);2(Y);3(Z)=    2
MODE #   53
FREQUENCY (HZ) =  22.80
NODE  114   1(X);2(Y);3(Z)=    3
MODE #   54
FREQUENCY (HZ) =  22.83
NODE  256   1(X);2(Y);3(Z)=    1
MODE #   55
FREQUENCY (HZ) =  23.03
NODE  427   1(X);2(Y);3(Z)=    1
MODE #   56
FREQUENCY (HZ) =  23.33
NODE  283   1(X);2(Y);3(Z)=    1
MODE #   57
FREQUENCY (HZ) =  23.53
NODE  356   1(X);2(Y);3(Z)=    2
MODE #   58
FREQUENCY (HZ) =  23.76
NODE  356   1(X);2(Y);3(Z)=    2
MODE #   59
FREQUENCY (HZ) =  23.83
NODE  434   1(X);2(Y);3(Z)=    2
MODE #   60
FREQUENCY (HZ) =  24.47
NODE   43   1(X);2(Y);3(Z)=    2
MODE #   61
FREQUENCY (HZ) =  24.67
```

```
NODE  194   1(X);2(Y);3(Z)=    2
MODE #   62
FREQUENCY (HZ) =  24.73
NODE  249   1(X);2(Y);3(Z)=    1
MODE #   63
FREQUENCY (HZ) =  24.78
NODE  368   1(X);2(Y);3(Z)=    1
MODE #   64
FREQUENCY (HZ) =  25.06
NODE  419   1(X);2(Y);3(Z)=    1
MODE #   65
FREQUENCY (HZ) =  25.26
NODE  249   1(X);2(Y);3(Z)=    1
MODE #   66
FREQUENCY (HZ) =  25.98
NODE  344   1(X);2(Y);3(Z)=    1
MODE #   67
FREQUENCY (HZ) =  26.20
NODE  345   1(X);2(Y);3(Z)=    1
MODE #   68
FREQUENCY (HZ) =  26.42
NODE  233   1(X);2(Y);3(Z)=    1
MODE #   69
FREQUENCY (HZ) =  26.70
NODE  316   1(X);2(Y);3(Z)=    1
MODE #   70
FREQUENCY (HZ) =  27.43
NODE  283   1(X);2(Y);3(Z)=    3
MODE #   71
FREQUENCY (HZ) =  27.60
NODE  394   1(X);2(Y);3(Z)=    3
MODE #   72
FREQUENCY (HZ) =  28.04
NODE  364   1(X);2(Y);3(Z)=    1
MODE #   73
FREQUENCY (HZ) =  28.08
NODE  364   1(X);2(Y);3(Z)=    1
MODE #   74
FREQUENCY (HZ) =  28.29
NODE   14   1(X);2(Y);3(Z)=    3
MODE #   75
FREQUENCY (HZ) =  28.29
NODE  213   1(X);2(Y);3(Z)=    3
MODE #   76
FREQUENCY (HZ) =  28.84
NODE  166   1(X);2(Y);3(Z)=    3
MODE #   77
FREQUENCY (HZ) =  28.88
NODE  230   1(X);2(Y);3(Z)=    1
MODE #   78
FREQUENCY (HZ) =  28.90
NODE  166   1(X);2(Y);3(Z)=    3
MODE #   79
```

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FREQUENCY (HZ) =  29.51
NODE   57   1(X);2(Y);3(Z)=    3
MODE #   80
FREQUENCY (HZ) =  29.72
NODE  230   1(X);2(Y);3(Z)=    1
MODE #   81
FREQUENCY (HZ) =  29.80
NODE  230   1(X);2(Y);3(Z)=    1
MODE #   82
FREQUENCY (HZ) =  29.94
NODE  230   1(X);2(Y);3(Z)=    1
MODE #   83
FREQUENCY (HZ) =  30.16
NODE  342   1(X);2(Y);3(Z)=    1
MODE #   84
FREQUENCY (HZ) =  30.31
NODE  121   1(X);2(Y);3(Z)=    3
MODE #   85
FREQUENCY (HZ) =  30.55
NODE  434   1(X);2(Y);3(Z)=    1
MODE #   86
FREQUENCY (HZ) =  30.62
NODE  263   1(X);2(Y);3(Z)=    1
MODE #   87
FREQUENCY (HZ) =  30.79
NODE  263   1(X);2(Y);3(Z)=    1
MODE #   88
FREQUENCY (HZ) =  31.12
NODE  364   1(X);2(Y);3(Z)=    3
MODE #   89
FREQUENCY (HZ) =  31.18
NODE  364   1(X);2(Y);3(Z)=    3
MODE #   90
FREQUENCY (HZ) =  31.36
NODE   57   1(X);2(Y);3(Z)=    3
MODE #   91
FREQUENCY (HZ) =  31.38
NODE   87   1(X);2(Y);3(Z)=    3
MODE #   92
FREQUENCY (HZ) =  31.49
NODE  176   1(X);2(Y);3(Z)=    3
MODE #   93
FREQUENCY (HZ) =  32.02
NODE   87   1(X);2(Y);3(Z)=    3
MODE #   94
FREQUENCY (HZ) =  32.63
NODE  151   1(X);2(Y);3(Z)=    3
MODE #   95
FREQUENCY (HZ) =  32.73
NODE  368   1(X);2(Y);3(Z)=    3
MODE #   96
FREQUENCY (HZ) =  33.18
NODE  255   1(X);2(Y);3(Z)=    3
```

```
MODE #   97
FREQUENCY (HZ) =  33.51
NODE  113   1(X);2(Y);3(Z)=    1
MODE #   98
FREQUENCY (HZ) =  33.98
NODE  159   1(X);2(Y);3(Z)=    2
MODE #   99
FREQUENCY (HZ) =  34.11
NODE   87   1(X);2(Y);3(Z)=    2
MODE #  100
FREQUENCY (HZ) =  34.21
NODE  176   1(X);2(Y);3(Z)=    2
MODE #  101
FREQUENCY (HZ) =  34.37
NODE  348   1(X);2(Y);3(Z)=    3
MODE #  102
FREQUENCY (HZ) =  34.40
NODE  230   1(X);2(Y);3(Z)=    2
MODE #  103
FREQUENCY (HZ) =  34.63
NODE  426   1(X);2(Y);3(Z)=    3
MODE #  104
FREQUENCY (HZ) =  34.90
NODE  315   1(X);2(Y);3(Z)=    3
MODE #  105
FREQUENCY (HZ) =  35.13
NODE  283   1(X);2(Y);3(Z)=    2
MODE #  106
FREQUENCY (HZ) =  35.13
NODE  283   1(X);2(Y);3(Z)=    2
MODE #  107
FREQUENCY (HZ) =  35.49
NODE  235   1(X);2(Y);3(Z)=    3
MODE #  108
FREQUENCY (HZ) =  36.26
NODE  159   1(X);2(Y);3(Z)=    2
MODE #  109
FREQUENCY (HZ) =  36.28
NODE   53   1(X);2(Y);3(Z)=    2
MODE #  110
FREQUENCY (HZ) =  36.64
NODE  404   1(X);2(Y);3(Z)=    2
MODE #  111
FREQUENCY (HZ) =  37.00
NODE  113   1(X);2(Y);3(Z)=    1
MODE #  112
FREQUENCY (HZ) =  37.75
NODE  283   1(X);2(Y);3(Z)=    1
MODE #  113
FREQUENCY (HZ) =  39.00
NODE  394   1(X);2(Y);3(Z)=    1
MODE #  114
FREQUENCY (HZ) =  39.87
```

```
NODE  230   1(X);2(Y);3(Z)=    2
MODE #  115
FREQUENCY (HZ) =  40.13
NODE  233   1(X);2(Y);3(Z)=    2
MODE #  116
FREQUENCY (HZ) =  40.34
NODE  342   1(X);2(Y);3(Z)=    2
MODE #  117
FREQUENCY (HZ) =  40.87
NODE  159   1(X);2(Y);3(Z)=    3
MODE #  118
FREQUENCY (HZ) =  41.46
NODE  375   1(X);2(Y);3(Z)=    2
MODE #  119
FREQUENCY (HZ) =  41.52
NODE  230   1(X);2(Y);3(Z)=    1
MODE #  120
FREQUENCY (HZ) =  41.63
NODE  293   1(X);2(Y);3(Z)=    2
MODE #  121
FREQUENCY (HZ) =  41.65
NODE  293   1(X);2(Y);3(Z)=    2
MODE #  122
FREQUENCY (HZ) =  41.66
NODE  443   1(X);2(Y);3(Z)=    2
MODE #  123
FREQUENCY (HZ) =  41.68
NODE  315   1(X);2(Y);3(Z)=    3
MODE #  124
FREQUENCY (HZ) =  41.74
NODE  293   1(X);2(Y);3(Z)=    2
MODE #  125
FREQUENCY (HZ) =  41.84
NODE  109   1(X);2(Y);3(Z)=    3
MODE #  126
FREQUENCY (HZ) =  41.91
NODE  109   1(X);2(Y);3(Z)=    3
MODE #  127
FREQUENCY (HZ) =  41.97
NODE    1   1(X);2(Y);3(Z)=    3
MODE #  128
FREQUENCY (HZ) =  41.97
NODE  222   1(X);2(Y);3(Z)=    3
MODE #  129
FREQUENCY (HZ) =  42.15
NODE  365   1(X);2(Y);3(Z)=    3
MODE #  130
FREQUENCY (HZ) =  42.28
NODE  109   1(X);2(Y);3(Z)=    3
MODE #  131
FREQUENCY (HZ) =  43.01
NODE  415   1(X);2(Y);3(Z)=    2
MODE #  132
```

```
FREQUENCY (HZ) =  43.50
NODE  357   1(X);2(Y);3(Z)=    2
MODE #  133
FREQUENCY (HZ) =  43.63
NODE  251   1(X);2(Y);3(Z)=    3
MODE #  134
FREQUENCY (HZ) =  43.93
NODE  293   1(X);2(Y);3(Z)=    2
MODE #  135
FREQUENCY (HZ) =  44.05
NODE  217   1(X);2(Y);3(Z)=    3
MODE #  136
FREQUENCY (HZ) =  44.25
NODE  109   1(X);2(Y);3(Z)=    1
MODE #  137
FREQUENCY (HZ) =  45.13
NODE   19   1(X);2(Y);3(Z)=    3
MODE #  138
FREQUENCY (HZ) =  45.13
NODE  218   1(X);2(Y);3(Z)=    3
MODE #  139
FREQUENCY (HZ) =  45.15
NODE  218   1(X);2(Y);3(Z)=    3
MODE #  140
FREQUENCY (HZ) =  45.88
NODE  251   1(X);2(Y);3(Z)=    3
MODE #  141
FREQUENCY (HZ) =  46.37
NODE  290   1(X);2(Y);3(Z)=    1
MODE #  142
FREQUENCY (HZ) =  46.49
NODE  362   1(X);2(Y);3(Z)=    1
MODE #  143
FREQUENCY (HZ) =  46.72
NODE  401   1(X);2(Y);3(Z)=    1
MODE #  144
FREQUENCY (HZ) =  47.95
NODE  290   1(X);2(Y);3(Z)=    1
MODE #  145
FREQUENCY (HZ) =  48.01
NODE  401   1(X);2(Y);3(Z)=    1
MODE #  146
FREQUENCY (HZ) =  49.23
NODE  357   1(X);2(Y);3(Z)=    2
MODE #  147
FREQUENCY (HZ) =  49.55
NODE  252   1(X);2(Y);3(Z)=    1
MODE #  148
FREQUENCY (HZ) =  50.14
NODE   19   1(X);2(Y);3(Z)=    3
MODE #  149
FREQUENCY (HZ) =  50.38
NODE  404   1(X);2(Y);3(Z)=    2
```

```
MODE #  150
FREQUENCY (HZ) =  50.44
NODE  404   1(X);2(Y);3(Z)=    2
MODE #  151
FREQUENCY (HZ) =  50.93
NODE   86   1(X);2(Y);3(Z)=    3
MODE #  152
FREQUENCY (HZ) =  50.97
NODE  158   1(X);2(Y);3(Z)=    3
MODE #  153
FREQUENCY (HZ) =  51.25
NODE  322   1(X);2(Y);3(Z)=    2
MODE #  154
FREQUENCY (HZ) =  51.67
NODE  375   1(X);2(Y);3(Z)=    2
MODE #  155
FREQUENCY (HZ) =  52.75
NODE  293   1(X);2(Y);3(Z)=    2
MODE #  156
FREQUENCY (HZ) =  53.46
NODE   22   1(X);2(Y);3(Z)=    2
MODE #  157
FREQUENCY (HZ) =  53.67
NODE  202   1(X);2(Y);3(Z)=    2
MODE #  158
FREQUENCY (HZ) =  54.71
NODE  118   1(X);2(Y);3(Z)=    2
MODE #  159
FREQUENCY (HZ) =  55.27
NODE  431   1(X);2(Y);3(Z)=    2
MODE #  160
FREQUENCY (HZ) =  55.41
NODE  260   1(X);2(Y);3(Z)=    2
MODE #  161
FREQUENCY (HZ) =  55.65
NODE  118   1(X);2(Y);3(Z)=    2
MODE #  162
FREQUENCY (HZ) =  56.05
NODE  426   1(X);2(Y);3(Z)=    3
MODE #  163
FREQUENCY (HZ) =  56.07
NODE  255   1(X);2(Y);3(Z)=    3
MODE #  164
FREQUENCY (HZ) =  56.10
NODE  113   1(X);2(Y);3(Z)=    1
MODE #  165
FREQUENCY (HZ) =  56.74
NODE  296   1(X);2(Y);3(Z)=    2
MODE #  166
FREQUENCY (HZ) =  56.84
NODE  146   1(X);2(Y);3(Z)=    1
MODE #  167
FREQUENCY (HZ) =  57.95
```

```
NODE  245   1(X);2(Y);3(Z)=    2
MODE #  168
FREQUENCY (HZ) =  58.28
NODE  407   1(X);2(Y);3(Z)=    2
MODE #  169
FREQUENCY (HZ) =  58.64
NODE  375   1(X);2(Y);3(Z)=    1
MODE #  170
FREQUENCY (HZ) =  58.74
NODE  322   1(X);2(Y);3(Z)=    1
MODE #  171
FREQUENCY (HZ) =  59.13
NODE  393   1(X);2(Y);3(Z)=    1
MODE #  172
FREQUENCY (HZ) =  59.23
NODE  245   1(X);2(Y);3(Z)=    2
MODE #  173
FREQUENCY (HZ) =  60.46
NODE  260   1(X);2(Y);3(Z)=    1
MODE #  174
FREQUENCY (HZ) =  60.46
NODE  431   1(X);2(Y);3(Z)=    1
MODE #  175
FREQUENCY (HZ) =  60.49
NODE  118   1(X);2(Y);3(Z)=    3
MODE #  176
FREQUENCY (HZ) =  62.55
NODE  146   1(X);2(Y);3(Z)=    1
MODE #  177
FREQUENCY (HZ) =  62.65
NODE   86   1(X);2(Y);3(Z)=    3
MODE #  178
FREQUENCY (HZ) =  63.66
NODE  375   1(X);2(Y);3(Z)=    2
MODE #  179
FREQUENCY (HZ) =  63.92
NODE  370   1(X);2(Y);3(Z)=    1
MODE #  180
FREQUENCY (HZ) =  64.07
NODE  146   1(X);2(Y);3(Z)=    1
MODE #  181
FREQUENCY (HZ) =  65.11
NODE  322   1(X);2(Y);3(Z)=    2
MODE #  182
FREQUENCY (HZ) =  65.55
NODE  260   1(X);2(Y);3(Z)=    1
MODE #  183
FREQUENCY (HZ) =  65.64
NODE  431   1(X);2(Y);3(Z)=    1
MODE #  184
FREQUENCY (HZ) =  65.67
NODE  118   1(X);2(Y);3(Z)=    3
MODE #  185
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FREQUENCY (HZ) =  65.82
NODE  298   1(X);2(Y);3(Z)=    1
MODE #  186
FREQUENCY (HZ) =  66.33
NODE  244   1(X);2(Y);3(Z)=    1
MODE #  187
FREQUENCY (HZ) =  67.55
NODE   72   1(X);2(Y);3(Z)=    2
MODE #  188
FREQUENCY (HZ) =  68.26
NODE  409   1(X);2(Y);3(Z)=    1
MODE #  189
FREQUENCY (HZ) =  68.84
NODE  347   1(X);2(Y);3(Z)=    3
MODE #  190
FREQUENCY (HZ) =  69.15
NODE  317   1(X);2(Y);3(Z)=    1
MODE #  191
FREQUENCY (HZ) =  69.43
NODE   19   1(X);2(Y);3(Z)=    3
MODE #  192
FREQUENCY (HZ) =  69.47
NODE  218   1(X);2(Y);3(Z)=    3
MODE #  193
FREQUENCY (HZ) =  70.31
NODE  428   1(X);2(Y);3(Z)=    1
MODE #  194
FREQUENCY (HZ) =  70.64
NODE  115   1(X);2(Y);3(Z)=    3
MODE #  195
FREQUENCY (HZ) =  70.92
NODE  257   1(X);2(Y);3(Z)=    1
MODE #  196
FREQUENCY (HZ) =  71.99
NODE  304   1(X);2(Y);3(Z)=    2
MODE #  197
FREQUENCY (HZ) =  72.35
NODE  400   1(X);2(Y);3(Z)=    2
MODE #  198
FREQUENCY (HZ) =  72.48
NODE  304   1(X);2(Y);3(Z)=    2
MODE #  199
FREQUENCY (HZ) =  73.34
NODE   80   1(X);2(Y);3(Z)=    2
MODE #  200
FREQUENCY (HZ) =  73.45
NODE  400   1(X);2(Y);3(Z)=    2
MODE #  201
FREQUENCY (HZ) =  74.16
NODE  375   1(X);2(Y);3(Z)=    1
MODE #  202
FREQUENCY (HZ) =  74.78
NODE  423   1(X);2(Y);3(Z)=    3
```

```
MODE #  203
FREQUENCY (HZ) =  74.84
NODE  312   1(X);2(Y);3(Z)=    1
MODE #  204
FREQUENCY (HZ) =  74.98
NODE  312   1(X);2(Y);3(Z)=    3
MODE #  205
FREQUENCY (HZ) =  75.02
NODE  312   1(X);2(Y);3(Z)=    3
MODE #  206
FREQUENCY (HZ) =  75.36
NODE  375   1(X);2(Y);3(Z)=    1
MODE #  207
FREQUENCY (HZ) =  75.53
NODE  423   1(X);2(Y);3(Z)=    1
MODE #  208
FREQUENCY (HZ) =  76.31
NODE  322   1(X);2(Y);3(Z)=    1
MODE #  209
FREQUENCY (HZ) =  77.57
NODE  169   1(X);2(Y);3(Z)=    2
MODE #  210
FREQUENCY (HZ) =  77.63
NODE  169   1(X);2(Y);3(Z)=    2
MODE #  211
FREQUENCY (HZ) =  79.15
NODE  245   1(X);2(Y);3(Z)=    2
MODE #  212
FREQUENCY (HZ) =  79.25
NODE  415   1(X);2(Y);3(Z)=    2
MODE #  213
FREQUENCY (HZ) =  79.77
NODE   72   1(X);2(Y);3(Z)=    2
MODE #  214
FREQUENCY (HZ) =  83.19
NODE   80   1(X);2(Y);3(Z)=    2
MODE #  215
FREQUENCY (HZ) =  83.85
NODE  169   1(X);2(Y);3(Z)=    2
MODE #  216
FREQUENCY (HZ) =  84.44
NODE  218   1(X);2(Y);3(Z)=    1
MODE #  217
FREQUENCY (HZ) =  84.94
NODE   19   1(X);2(Y);3(Z)=    1
MODE #  218
FREQUENCY (HZ) =  85.07
NODE   19   1(X);2(Y);3(Z)=    1
MODE #  219
FREQUENCY (HZ) =  85.45
NODE  169   1(X);2(Y);3(Z)=    2
MODE #  220
FREQUENCY (HZ) =  86.75
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NODE  400   1(X);2(Y);3(Z)=    2
MODE #  221
FREQUENCY (HZ) =  88.89
NODE  302   1(X);2(Y);3(Z)=    1
MODE #  222
FREQUENCY (HZ) =  90.29
NODE   80   1(X);2(Y);3(Z)=    3
MODE #  223
FREQUENCY (HZ) =  91.36
NODE  116   1(X);2(Y);3(Z)=    1
MODE #  224
FREQUENCY (HZ) =  91.36
NODE  258   1(X);2(Y);3(Z)=    3
MODE #  225
FREQUENCY (HZ) =  91.69
NODE  429   1(X);2(Y);3(Z)=    3
MODE #  226
FREQUENCY (HZ) =  91.78
NODE   55   1(X);2(Y);3(Z)=    2
MODE #  227
FREQUENCY (HZ) =  92.46
NODE  169   1(X);2(Y);3(Z)=    3
MODE #  228
FREQUENCY (HZ) =  93.18
NODE   55   1(X);2(Y);3(Z)=    2
MODE #  229
FREQUENCY (HZ) =  95.19
NODE   55   1(X);2(Y);3(Z)=    2
MODE #  230
FREQUENCY (HZ) =  97.39
NODE   55   1(X);2(Y);3(Z)=    2
MODE #  231
FREQUENCY (HZ) =  98.17
NODE   55   1(X);2(Y);3(Z)=    2
MODE #  232
FREQUENCY (HZ) =  98.93
NODE  317   1(X);2(Y);3(Z)=    3
MODE #  233
FREQUENCY (HZ) =  98.99
NODE  253   1(X);2(Y);3(Z)=    3
MODE #  234
FREQUENCY (HZ) =  99.55
NODE   55   1(X);2(Y);3(Z)=    3
MODE #  235
FREQUENCY (HZ) =  99.95
NODE   55   1(X);2(Y);3(Z)=    3
MODE #  236
FREQUENCY (HZ) = 102.51
NODE  287   1(X);2(Y);3(Z)=    1
MODE #  237
FREQUENCY (HZ) = 103.17
NODE  111   1(X);2(Y);3(Z)=    1
MODE #  238
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FREQUENCY (HZ) = 104.83
NODE  253   1(X);2(Y);3(Z)=    3
MODE #  239
FREQUENCY (HZ) = 105.39
NODE  292   1(X);2(Y);3(Z)=    2
MODE #  240
FREQUENCY (HZ) = 105.81
NODE  253   1(X);2(Y);3(Z)=    1
MODE #  241
FREQUENCY (HZ) = 109.16
NODE  313   1(X);2(Y);3(Z)=    1
MODE #  242
FREQUENCY (HZ) = 109.41
NODE  313   1(X);2(Y);3(Z)=    1
MODE #  243
FREQUENCY (HZ) = 110.69
NODE  153   1(X);2(Y);3(Z)=    2
MODE #  244
FREQUENCY (HZ) = 111.28
NODE  313   1(X);2(Y);3(Z)=    3
MODE #  245
FREQUENCY (HZ) = 118.77
NODE  234   1(X);2(Y);3(Z)=    1
MODE #  246
FREQUENCY (HZ) = 120.25
NODE  287   1(X);2(Y);3(Z)=    1
MODE #  247
FREQUENCY (HZ) = 122.06
NODE  287   1(X);2(Y);3(Z)=    1
MODE #  248
FREQUENCY (HZ) = 124.61
NODE  123   1(X);2(Y);3(Z)=    3
MODE #  249
FREQUENCY (HZ) = 126.06
NODE  305   1(X);2(Y);3(Z)=    1
MODE #  250
FREQUENCY (HZ) = 129.41
NODE  231   1(X);2(Y);3(Z)=    2
```

```
R E S P O N S E   S P E C T R U M   A N A L Y S I S                    ISM SRV RESPONSE SPECTRUM ANALLYSIS

R E S P O N S E   C O M B I N A T I O N   M E T H O D S
 ---------------   --------------------   -------------


     U = RESPONSE (FORCE, MOMENT, TRANSLATION, ETC.
  UIXX = RESPONSE IN I(TH) MODE, X EARTHQUAKE DIRECTION, X SPECTRUM INPUT
  UIXY =     "     "   "    "    "      "         "      Y    "       "
    .                                   .                    .
    .                                   .                    .
    .                                   .                    .
  UIZZ =     "     "   "    "  , Z      "        "      Z    "       "

  WITH ALL OPTIONS COMBINATION IS MADE OVER EXCITATION DIRECTIONS
  FIRST, FOLLOWED BY SRSS COMBINATION OVER MODES. THE OPTIONS BELOW
  CONTROL COMBINATION OVER DIRECTIONS ONLY


  KIND=1,  ORIGINAL SAP PROCEDURE
         UIX = ABS(UIXX)+ABS(UIXY)+ABS(UIXZ)

  KIND=2,  SRSS COMBINATION WITH CLUSTERING  (REG GUIDE 1.92)
         UIX = SRSS((UIXX)**2+(UIXY)**2+(UIXZ)**2)
  KIND=3,  SAP PROCEDURE WITH CLUSTERING

  KIND=4,  ALGEBRAIC COMBINATION WITH CLUSTERING
         UIX = UIXX+UIXY+UIXZ

  KIND=5,  MIXED PROCEDURE WITH CLUSTERING
         UIX = ABS(UIXY)+SRSS((UIXX)**2+(UIXZ)**2)


  NOTE, WITH OPTIONS 2-5 THE CLUSTER FACTOR IS 0.1 IF NOT SPECIFIED
        AND IF KIND IS PREFIXED WITH A MINUS SIGN, MODAL EFFECTS ARE PRINTED

INDICATOR FOR DISPLACEMENT OR ACCELERATION SPECTRUM =     2

 EQ.0  DISPLACEMENT
 EQ.1 ACCELERATION IN IN./SEC.**2
 EQ.2 ACCELERATION IN G**S

   3 SPECTRA ARE ENTERED FOR CASE   1. KIND= 2

 CLUSTER FACTOR, CF =  .00010
1MODAL PARTICIPATION FACTORS

C O M B I N A T I O N   O F   I N D I V I D U A L   S U P P O R T   G R O U P   R E S P O N S E S

     KIND=1: SUPPORT COMBINATION AFTER SAP SUMMATION

     KIND>1: SUPPORT COMBINATION DONE FIRST
```

GROUP COMBINATION TYPE= 2

ALGEBRAIC METHOD = 1
ABSOLUTE METHOD = 2
SRSS METHOD = 3

N O D E	D I S P L A C E M E N T S / R O T A T I O N S							ACCELERATIONS IN G`S		
NODE NUMBER	MODE NUMBER	X-TRANSLATION	Y-TRANSLATION	Z-TRANSLATION	X-ROTATION	Y-ROTATION	Z-ROTATION	X-DIRECTION	Y-DIRECTION	Z-DIRECTION
1	TOTAL..	9.28500E-02	3.73701E-01	1.48300E-01	2.24640E-04	8.28773E-05	1.71866E-04	.278	2.409	.377
2	TOTAL..	8.14692E-02	3.23439E-02	5.30140E-03	1.70376E-04	6.74113E-05	1.55510E-04	.245	.227	.043
4	TOTAL..	1.38730E-01	6.04336E-01	5.66932E-01	9.11479E-04	2.50582E-04	2.77205E-04	.412	.630	.643
5	TOTAL..	1.49358E-01	9.06123E-01	8.48440E-01	1.07774E-03	2.39405E-04	2.67048E-04	.439	.739	.758
6	TOTAL..	1.52660E-01	1.06202E+00	9.92909E-01	1.13571E-03	2.10583E-04	2.36705E-04	.448	.816	.853
7	TOTAL..	1.59085E-01	1.26601E+00	1.16084E+00	1.16503E-03	7.13357E-05	8.43649E-05	.458	.935	1.023
8	TOTAL..	1.59306E-01	1.11674E+00	1.23916E+00	1.15195E-03	2.28806E-04	2.49144E-04	.476	.847	.992
9	TOTAL..	1.60865E-01	1.15956E+00	1.29752E+00	1.15198E-03	2.29101E-04	2.49386E-04	.480	.873	1.034
10	TOTAL..	2.73504E-01	1.29545E+00	2.11429E+00	1.18481E-03	2.63019E-04	2.72068E-04	.592	.969	1.569
11	TOTAL..	3.35785E-01	1.36452E+00	2.43647E+00	1.38654E-03	4.76867E-04	4.21973E-04	.629	1.027	1.799
12	TOTAL..	4.15703E-01	1.44900E+00	2.79819E+00	1.52879E-03	6.27302E-04	5.34002E-04	.661	1.107	2.065
13	TOTAL..	5.37262E-01	1.57808E+00	3.30958E+00	1.66310E-03	7.62196E-04	6.40019E-04	.714	1.248	2.453
14	TOTAL..	9.54448E-01	1.96056E+00	4.84265E+00	1.80626E-03	9.09192E-04	7.55826E-04	1.283	1.870	3.777
16	TOTAL..	5.35727E-01	1.20891E+00	3.10409E+00	2.26088E-03	4.31305E-04	5.75095E-04	1.061	1.193	2.892

17 TOTAL..	6.42768E-01	1.30321E+00	3.56577E+00	2.26882E-03	4.39326E-04	5.66538E-04	1.160	1.212	3.334
18 TOTAL..	7.12502E-01	1.35444E+00	3.86380E+00	2.26643E-03	4.46399E-04	5.57623E-04	1.227	1.236	3.660
19 TOTAL..	7.67857E-01	1.41334E+00	4.10608E+00	2.26795E-03	4.51181E-04	5.51195E-04	1.287	1.264	3.836
21 TOTAL..	1.80350E-01	8.84373E-01	8.76188E-01	1.26548E-03	4.37617E-04	5.20501E-04	.486	.889	.911
22 TOTAL..	2.03477E-01	1.20663E+00	1.25397E+00	1.38437E-03	9.66737E-04	1.27849E-03	.509	.910	.760
23 TOTAL..	2.26479E-01	3.94089E+00	3.21777E+00	1.49227E-03	1.20832E-03	1.72807E-03	.523	2.082	1.273
24 TOTAL..	2.36410E-01	5.12953E+00	4.02788E+00	1.53507E-03	1.17655E-03	1.77485E-03	.527	2.645	1.497
25 TOTAL..	9.88310E-01	6.45580E+00	5.07520E+00	1.85073E-03	1.00748E-03	1.43826E-03	.731	3.024	1.744
26 TOTAL..	9.96864E-01	6.44934E+00	5.07538E+00	1.85191E-03	1.00843E-03	1.43705E-03	.734	3.018	1.744
27 TOTAL..	1.81842E+00	5.88815E+00	5.07420E+00	1.92941E-03	1.08800E-03	1.28238E-03	1.019	2.545	1.722
28 TOTAL..	3.13534E+00	5.25336E+00	5.02076E+00	1.97395E-03	1.16117E-03	1.03778E-03	1.520	2.018	1.678
29 TOTAL..	4.47294E+00	5.10191E+00	4.92530E+00	1.95627E-03	1.15545E-03	9.14319E-04	2.020	1.938	1.629
30 TOTAL..	4.85615E+00	5.18850E+00	4.89697E+00	1.94081E-03	1.14825E-03	8.80212E-04	2.155	2.028	1.616
31 TOTAL..	5.82548E+00	4.74516E+00	4.28747E+00	1.84400E-03	1.16316E-03	1.07276E-03	2.418	1.847	1.610
32 TOTAL..	5.82627E+00	4.30389E+00	4.13037E+00	1.79832E-03	1.15513E-03	1.07984E-03	2.418	1.643	1.790
33 TOTAL..	5.82546E+00	3.93492E+00	4.05194E+00	1.77374E-03	1.14630E-03	1.05455E-03	2.418	1.526	2.003
34 TOTAL..	5.28524E+00	3.17089E+00	2.53079E+00	1.52457E-03	1.09240E-03	9.32808E-04	2.292	1.553	1.610
35 TOTAL..	4.95103E+00	3.16956E+00	1.98925E+00	1.49752E-03	1.08251E-03	9.50207E-04	2.225	1.551	1.298

36 TOTAL..	4.56867E+00	3.16794E+00	1.47037E+00	1.45488E-03	1.08018E-03	9.55991E-04	2.188	1.549	1.015
37 TOTAL..	2.17935E+00	1.89874E+00	6.74153E-01	7.75725E-04	1.01259E-03	5.34822E-04	1.492	1.276	.830
38 TOTAL..	1.85210E+00	1.61817E+00	5.69391E-01	7.56568E-04	9.93602E-04	4.92828E-04	1.316	1.181	.780
39 TOTAL..	1.18853E+00	1.04474E+00	3.57207E-01	6.87549E-04	8.84059E-04	3.82795E-04	.917	.934	.688
40 TOTAL..	1.70027E+00	1.73122E+00	1.07074E+00	7.01606E-04	1.35999E-03	7.98005E-04	1.257	1.129	1.027
41 TOTAL..	1.60260E+00	1.84489E+00	1.40748E+00	6.95314E-04	1.43901E-03	8.64040E-04	1.221	1.141	1.239
42 TOTAL..	1.41428E+00	2.12349E+00	2.10089E+00	6.91106E-04	1.51543E-03	9.26412E-04	1.190	1.477	1.907
43 TOTAL..	1.21214E+00	2.49677E+00	2.92229E+00	6.90782E-04	1.53062E-03	9.38241E-04	1.267	2.290	2.980
44 TOTAL..	8.21759E-01	7.23931E-01	2.40482E-01	6.28439E-04	8.00046E-04	3.25780E-04	.686	.748	.650
45 TOTAL..	4.98908E-01	4.39870E-01	1.39776E-01	5.55338E-04	7.01648E-04	2.71301E-04	.484	.549	.627
46 TOTAL..	2.73976E-01	2.41060E-01	7.46299E-02	4.92158E-04	6.19499E-04	2.31666E-04	.353	.391	.616
47 TOTAL..	7.41111E-02	6.51126E-02	4.59672E-02	4.65476E-04	5.85603E-04	2.16776E-04	.268	.255	.613
48 TOTAL..	1.10354E+00	6.45084E+00	5.12746E+00	1.88058E-03	9.93436E-04	1.47979E-03	.798	3.019	1.712
49 TOTAL..	1.46588E+00	6.45348E+00	5.32527E+00	2.02644E-03	9.44651E-04	1.69952E-03	1.111	3.021	1.803
50 TOTAL..	1.86536E+00	6.45448E+00	5.57580E+00	2.03576E-03	9.45388E-04	1.71430E-03	1.518	3.021	1.972
51 TOTAL..	2.21525E+00	6.45504E+00	5.81405E+00	2.04060E-03	9.45876E-04	1.72080E-03	1.878	3.022	2.153
52 TOTAL..	2.64110E+00	6.45576E+00	6.12659E+00	2.04328E-03	9.46669E-04	1.72657E-03	2.319	3.022	2.403
53 TOTAL..	2.66962E+00	7.78745E+00	6.71402E+00	2.04328E-03	1.94560E-03	3.41434E-03	2.482	4.032	3.390

54	TOTAL..	1.86796E+00	5.81806E+00	5.35409E+00	1.97193E-03	1.42068E-03	1.83161E-03	1.524	2.763	1.946
55	TOTAL..	1.87025E+00	3.34675E+00	4.21156E+00	1.99998E-03	2.28044E-03	1.95632E-03	1.528	2.362	2.414
56	TOTAL..	1.87171E+00	1.12070E+00	4.64872E+00	2.16829E-03	2.31602E-03	1.73223E-03	1.530	1.262	3.363
57	TOTAL..	1.87174E+00	1.08951E+00	4.68190E+00	2.17335E-03	2.30716E-03	1.72428E-03	1.530	1.250	3.390
58	TOTAL..	1.63663E+00	1.01554E+00	5.14219E+00	2.03300E-03	1.76630E-03	1.84069E-03	1.413	1.259	3.043
59	TOTAL..	1.63393E+00	1.01547E+00	5.14714E+00	2.03222E-03	1.75302E-03	1.84971E-03	1.400	1.259	2.992
60	TOTAL..	2.36382E+00	1.01303E+00	5.55815E+00	1.81938E-03	1.48590E-03	2.00176E-03	1.165	1.257	1.690
61	TOTAL..	3.81076E+00	1.01034E+00	6.15005E+00	1.28230E-03	1.53842E-03	1.90824E-03	1.476	1.254	1.396
62	TOTAL..	4.28446E+00	1.00942E+00	6.29353E+00	1.08053E-03	1.62370E-03	1.83767E-03	1.646	1.253	1.458
63	TOTAL..	3.85508E+00	8.36278E-01	6.29430E+00	8.93419E-04	1.60163E-03	1.78462E-03	1.636	1.282	1.459
64	TOTAL..	4.72092E+00	1.24977E+00	6.29319E+00	1.22424E-03	1.66716E-03	1.86298E-03	1.648	1.259	1.458
65	TOTAL..	4.93734E+00	1.39213E+00	6.29300E+00	1.30454E-03	1.68403E-03	1.87651E-03	1.648	1.281	1.458
66	TOTAL..	5.15405E+00	1.55764E+00	6.29276E+00	1.38508E-03	1.69867E-03	1.89076E-03	1.647	1.327	1.457
67	TOTAL..	5.59487E+00	1.93625E+00	6.29224E+00	1.53114E-03	1.72413E-03	1.92190E-03	1.650	1.470	1.457
68	TOTAL..	6.04103E+00	2.35166E+00	6.29203E+00	1.60427E-03	1.75342E-03	1.82459E-03	1.669	1.669	1.456
69	TOTAL..	6.44757E+00	2.75490E+00	6.29180E+00	1.66023E-03	1.76067E-03	1.73794E-03	1.704	1.897	1.456
70	TOTAL..	6.87933E+00	3.21192E+00	6.29150E+00	1.70902E-03	1.75397E-03	1.64685E-03	1.765	2.187	1.456
71	TOTAL..	7.30014E+00	3.67796E+00	6.29167E+00	1.72125E-03	1.76031E-03	1.64685E-03	1.855	2.512	1.456

72	TOTAL..	8.52523E+00	5.00747E+00	6.29188E+00	1.73398E-03	1.76683E-03	1.64685E-03	2.292	3.543	1.456
73	TOTAL..	5.06646E+00	1.93719E+00	6.12133E+00	1.69034E-03	1.66662E-03	2.18194E-03	1.476	1.471	1.387
74	TOTAL..	3.23621E+00	1.93991E+00	5.60920E+00	2.11008E-03	1.63744E-03	2.63971E-03	1.275	1.473	1.803
75	TOTAL..	2.13726E+00	1.94228E+00	5.50873E+00	2.26144E-03	1.83257E-03	2.49722E-03	1.764	1.475	3.308
76	TOTAL..	2.13429E+00	1.94235E+00	5.51671E+00	2.26111E-03	1.84235E-03	2.48230E-03	1.784	1.475	3.366
77	TOTAL..	2.25656E+00	1.72309E+00	5.21070E+00	2.29578E-03	2.24795E-03	1.52526E-03	1.908	1.382	3.808
78	TOTAL..	2.25659E+00	1.72611E+00	5.17652E+00	2.29062E-03	2.25473E-03	1.52939E-03	1.908	1.380	3.782
80	TOTAL..	2.25758E+00	3.18435E+00	4.52211E+00	2.10137E-03	2.16087E-03	1.74441E-03	1.907	1.995	2.644
82	TOTAL..	2.25754E+00	5.38752E+00	5.41173E+00	2.06407E-03	1.28116E-03	1.61062E-03	1.900	2.378	1.951
83	TOTAL..	2.25671E+00	5.89228E+00	5.54493E+00	2.12209E-03	9.70252E-04	1.54342E-03	1.891	2.547	1.952
84	TOTAL..	2.48928E+00	5.89275E+00	5.78675E+00	2.12696E-03	9.70391E-04	1.54974E-03	2.346	2.547	2.138
85	TOTAL..	2.02033E+00	5.89148E+00	5.29479E+00	2.11242E-03	9.75113E-04	1.53021E-03	1.400	2.547	1.778
86	TOTAL..	2.79512E+00	5.89335E+00	6.10725E+00	2.12967E-03	9.70628E-04	1.55475E-03	2.913	2.548	2.393
87	TOTAL..	2.82758E+00	6.96481E+00	6.61795E+00	2.12967E-03	1.80244E-03	2.95126E-03	3.158	3.804	3.234
88	TOTAL..	1.84604E+00	5.88935E+00	5.10694E+00	1.95961E-03	1.06830E-03	1.32221E-03	1.080	2.545	1.687
89	TOTAL..	6.88190E+00	2.88040E+00	5.95770E+00	1.83027E-03	1.77856E-03	1.47499E-03	1.766	2.015	1.443
90	TOTAL..	6.88442E+00	2.57637E+00	5.53465E+00	1.98908E-03	1.92661E-03	1.34547E-03	1.766	1.854	1.456
91	TOTAL..	6.88788E+00	2.16902E+00	4.79233E+00	2.26017E-03	2.23857E-03	1.24886E-03	1.767	1.656	1.513

92	TOTAL..	7.31820E+00	3.28600E+00	4.79331E+00	2.30280E-03	2.24042E-03	1.22844E-03	1.810	2.429	1.517
93	TOTAL..	7.21663E+00	3.28648E+00	4.72137E+00	2.30234E-03	2.24042E-03	1.22622E-03	1.834	2.430	1.529
94	TOTAL..	6.89024E+00	1.75241E+00	3.88428E+00	2.49747E-03	2.57306E-03	1.24940E-03	1.768	1.487	1.571
95	TOTAL..	6.89251E+00	1.34215E+00	2.84546E+00	2.77649E-03	2.86190E-03	1.29633E-03	1.769	1.390	1.616
96	TOTAL..	7.09442E+00	2.48993E+00	2.84624E+00	2.80633E-03	2.85439E-03	1.28903E-03	1.599	2.276	1.623
97	TOTAL..	7.05870E+00	2.49031E+00	2.81690E+00	2.80643E-03	2.85439E-03	1.28827E-03	1.603	2.278	1.675
98	TOTAL..	6.89470E+00	9.04638E-01	9.03980E-01	3.28820E-03	3.17802E-03	1.39820E-03	1.770	1.452	1.606
99	TOTAL..	6.89471E+00	9.06175E-01	8.90707E-01	3.29425E-03	3.17947E-03	1.39910E-03	1.770	1.455	1.607
100	TOTAL..	7.07659E+00	2.06093E+00	1.11327E+00	4.02400E-03	3.71382E-03	2.00474E-03	1.905	1.549	1.730
101	TOTAL..	7.08736E+00	2.10610E+00	1.12415E+00	4.02942E-03	3.71670E-03	2.00731E-03	1.912	1.547	1.732
102	TOTAL..	7.98634E+00	4.80928E+00	1.83911E+00	4.20441E-03	3.83041E-03	2.12841E-03	2.470	1.475	1.862
103	TOTAL..	9.31948E+00	7.56144E+00	2.64289E+00	4.11369E-03	3.84588E-03	2.19889E-03	3.287	1.495	2.053
104	TOTAL..	1.06979E+01	9.85235E+00	3.35824E+00	3.81983E-03	3.79049E-03	2.22798E-03	4.111	1.597	2.263
105	TOTAL..	1.07735E+01	9.96698E+00	3.39580E+00	3.79904E-03	3.78608E-03	2.22895E-03	4.155	1.605	2.275
106	TOTAL..	1.10692E+01	1.11807E+01	3.70799E+00	1.44760E-03	3.26737E-03	2.32888E-03	4.437	1.690	2.208
107	TOTAL..	1.10049E+01	1.11809E+01	3.69308E+00	1.42674E-03	3.25984E-03	2.33679E-03	4.410	1.690	2.197
109	TOTAL..	6.02405E+00	1.11918E+01	2.47019E+00	9.28927E-04	2.75173E-03	2.67515E-03	2.869	1.692	3.653
110	TOTAL..	2.86884E+00	1.11973E+01	1.31591E+00	1.02894E-03	2.45912E-03	2.49994E-03	1.746	1.692	2.867

111 TOTAL..	2.13035E-01	1.12018E+01	1.90604E-01	8.17308E-04	2.18177E-03	1.88706E-03	.723	1.691	1.050
113 TOTAL..	3.29244E+00	1.12087E+01	1.22260E+00	4.31600E-04	1.67331E-03	1.14445E-03	2.434	1.689	1.864
114 TOTAL..	4.38898E+00	1.12111E+01	1.54720E+00	5.97238E-04	1.46800E-03	1.18585E-03	2.199	1.686	1.772
115 TOTAL..	4.83147E+00	1.12118E+01	1.71420E+00	6.72884E-04	1.41288E-03	1.19718E-03	2.068	1.685	1.588
116 TOTAL..	5.45576E+00	1.07639E+01	1.53543E+00	9.46003E-04	1.33168E-03	1.37612E-03	2.243	1.643	.791
117 TOTAL..	5.48184E+00	1.04263E+01	1.46359E+00	9.70549E-04	1.33589E-03	1.42686E-03	2.267	1.773	.816
118 TOTAL..	5.53613E+00	9.54810E+00	1.72944E+00	1.03259E-03	1.30578E-03	1.55003E-03	2.341	2.310	1.597
121 TOTAL..	5.61630E+00	3.50159E+00	4.30579E+00	1.41508E-03	5.74171E-04	1.91193E-03	2.406	1.706	3.060
123 TOTAL..	5.48896E+00	7.40212E-01	4.49365E+00	1.59589E-03	4.40209E-04	1.91600E-03	2.241	2.040	2.095
124 TOTAL..	4.75505E+00	3.46663E-01	3.88360E+00	1.73692E-03	1.15307E-04	2.14248E-03	1.887	2.420	1.754
125 TOTAL..	4.68375E+00	3.46620E-01	3.82630E+00	1.73760E-03	1.07422E-04	2.14428E-03	1.858	2.420	1.727
126 TOTAL..	4.38700E+00	3.46433E-01	3.58806E+00	1.73674E-03	7.46589E-05	2.14261E-03	1.739	2.419	1.617
127 TOTAL..	3.88319E+00	3.45741E-01	3.18057E+00	1.73360E-03	6.89710E-05	2.13692E-03	1.542	2.414	1.429
128 TOTAL..	3.37810E+00	3.43899E-01	2.77109E+00	1.72278E-03	6.32831E-05	2.12005E-03	1.349	2.401	1.244
129 TOTAL..	2.87330E+00	3.40897E-01	2.36072E+00	1.69905E-03	5.75708E-05	2.08634E-03	1.160	2.380	1.064
130 TOTAL..	2.87394E+00	2.36398E+00	2.36262E+00	1.69905E-03	5.75708E-05	2.08634E-03	1.186	2.629	1.076
131 TOTAL..	2.87349E+00	2.97446E+00	2.36876E+00	1.69905E-03	5.75708E-05	2.08634E-03	1.164	2.823	1.131
132 TOTAL..	2.87478E+00	2.36371E+00	2.35899E+00	1.69905E-03	5.75708E-05	2.08634E-03	1.196	2.630	1.057

133 TOTAL..	2.87327E+00	2.96747E+00	2.35522E+00	1.69905E-03	5.75708E-05	2.08634E-03	1.161	2.503	1.063
134 TOTAL..	1.33895E+00	3.23568E-01	1.10592E+00	1.47572E-03	3.92621E-05	1.80010E-03	.603	2.259	.542
135 TOTAL..	1.25086E-01	2.95084E-01	1.06268E-01	9.75029E-04	2.09534E-05	1.18516E-03	.170	2.060	.185
136 TOTAL..	2.25960E+00	6.40558E-01	6.29681E+00	3.92027E-04	1.52908E-03	1.70800E-03	1.535	1.461	1.462
137 TOTAL..	1.59922E+00	6.25597E-01	6.29853E+00	2.54173E-04	1.67231E-03	1.84791E-03	1.504	1.403	1.464
139 TOTAL..	5.71057E+00	6.70184E-01	6.29844E+00	6.29053E-04	2.36370E-03	2.58938E-03	3.041	1.275	1.466
140 TOTAL..	6.37331E+00	7.33829E-01	6.29819E+00	7.77400E-04	2.37225E-03	2.71090E-03	3.356	1.315	1.467
141 TOTAL..	7.04160E+00	8.50922E-01	6.29830E+00	8.63332E-04	2.40023E-03	2.80041E-03	3.684	1.388	1.467
142 TOTAL..	7.37171E+00	9.29396E-01	6.29833E+00	9.12451E-04	2.40757E-03	2.84471E-03	3.850	1.443	1.467
143 TOTAL..	7.70171E+00	1.02612E+00	6.29831E+00	9.62926E-04	2.41182E-03	2.88921E-03	4.019	1.519	1.467
144 TOTAL..	8.37403E+00	1.25842E+00	6.29822E+00	1.06018E-03	2.41462E-03	2.98045E-03	4.372	1.714	1.467
145 TOTAL..	9.05211E+00	1.51895E+00	6.29839E+00	1.06836E-03	2.43982E-03	2.98045E-03	4.741	1.950	1.467
146 TOTAL..	1.09717E+01	2.30533E+00	6.29860E+00	1.07705E-03	2.46551E-03	2.98045E-03	5.846	2.761	1.467
147 TOTAL..	5.63166E+00	7.34556E-01	6.17763E+00	1.00722E-03	2.24833E-03	2.78117E-03	2.935	1.316	1.417
148 TOTAL..	3.27527E+00	7.36604E-01	5.65272E+00	1.55289E-03	1.97540E-03	2.91177E-03	1.703	1.318	1.693
149 TOTAL..	1.35813E+00	7.38343E-01	5.22575E+00	1.75906E-03	1.92113E-03	2.85865E-03	1.054	1.320	2.722
150 TOTAL..	1.32944E+00	7.38396E-01	5.21775E+00	1.75982E-03	1.92353E-03	2.85340E-03	1.055	1.320	2.763
151 TOTAL..	1.40443E+00	1.18812E+00	4.57667E+00	1.93278E-03	2.12194E-03	2.37470E-03	1.124	1.305	2.976

152 TOTAL..	1.40443E+00	1.24590E+00	4.53194E+00	1.92760E-03	2.12703E-03	2.37077E-03	1.124	1.313	2.950
153 TOTAL..	1.40430E+00	4.09739E+00	3.21641E+00	1.72406E-03	2.05171E-03	2.10018E-03	1.124	2.258	1.919
154 TOTAL..	1.40362E+00	6.54664E+00	3.69273E+00	1.59654E-03	1.36963E-03	1.65625E-03	1.122	2.859	1.326
155 TOTAL..	1.40261E+00	7.09880E+00	3.86926E+00	1.56900E-03	1.09077E-03	1.41068E-03	1.119	3.064	1.324
156 TOTAL..	1.16564E+00	7.09771E+00	3.74382E+00	1.56203E-03	1.09337E-03	1.39822E-03	.850	3.063	1.170
157 TOTAL..	1.64305E+00	7.09937E+00	4.00584E+00	1.57222E-03	1.09090E-03	1.41552E-03	1.361	3.064	1.485
158 TOTAL..	1.95611E+00	7.10010E+00	4.19989E+00	1.57402E-03	1.09113E-03	1.42033E-03	1.661	3.064	1.704
159 TOTAL..	1.97564E+00	8.32149E+00	4.60968E+00	1.57402E-03	1.67231E-03	3.07866E-03	1.753	3.920	2.642
160 TOTAL..	1.04060E+00	7.09486E+00	3.68328E+00	1.46518E-03	1.15537E-03	1.24443E-03	.647	3.062	1.087
161 TOTAL..	1.12600E+00	7.09324E+00	3.73139E+00	1.44745E-03	1.16953E-03	1.21789E-03	.614	3.061	1.111
162 TOTAL..	7.54376E+00	1.25914E+00	6.14514E+00	1.28402E-03	2.29984E-03	3.16216E-03	3.893	1.715	1.407
163 TOTAL..	4.79698E+00	1.26111E+00	5.62784E+00	1.79019E-03	2.03136E-03	3.49211E-03	2.379	1.718	1.889
164 TOTAL..	2.42009E+00	1.26268E+00	5.38669E+00	1.96675E-03	1.93767E-03	3.41025E-03	1.442	1.720	3.253
165 TOTAL..	2.36752E+00	1.26273E+00	5.38746E+00	1.96689E-03	1.93799E-03	3.40018E-03	1.435	1.720	3.304
166 TOTAL..	1.98509E+00	1.22703E+00	4.88301E+00	2.08079E-03	2.04996E-03	2.38836E-03	1.420	1.596	3.583
167 TOTAL..	1.98509E+00	1.25890E+00	4.83983E+00	2.07565E-03	2.05378E-03	2.38036E-03	1.420	1.592	3.552
169 TOTAL..	1.98466E+00	3.90340E+00	3.42506E+00	1.85408E-03	1.95801E-03	1.96086E-03	1.420	2.081	2.282
171 TOTAL..	1.98345E+00	6.19570E+00	3.76761E+00	1.71068E-03	1.30065E-03	1.38589E-03	1.417	2.578	1.345

172	TOTAL..	1.98194E+00	6.61199E+00	3.89355E+00	1.67637E-03	1.12534E-03	1.13333E-03	1.412	2.718	1.314
173	TOTAL..	1.94948E+00	6.61103E+00	3.77226E+00	1.66922E-03	1.13010E-03	1.12356E-03	1.171	2.718	1.159
174	TOTAL..	2.04616E+00	6.61250E+00	4.03203E+00	1.67956E-03	1.12536E-03	1.13739E-03	1.644	2.718	1.479
175	TOTAL..	2.16027E+00	6.61314E+00	4.23351E+00	1.68134E-03	1.12539E-03	1.14131E-03	1.942	2.719	1.702
176	TOTAL..	2.18160E+00	7.59189E+00	4.59304E+00	1.68134E-03	1.60047E-03	2.54459E-03	2.063	3.458	2.489
177	TOTAL..	1.99024E+00	6.60852E+00	3.72798E+00	1.56855E-03	1.20647E-03	1.01583E-03	1.016	2.716	1.082
178	TOTAL..	2.10820E+00	6.60709E+00	3.80197E+00	1.54993E-03	1.22173E-03	1.00072E-03	1.002	2.716	1.116
179	TOTAL..	3.59334E+00	5.81282E+00	3.88977E+00	1.67491E-03	1.22313E-03	7.19653E-04	1.569	2.221	1.124
180	TOTAL..	5.01042E+00	5.17131E+00	3.96303E+00	1.75483E-03	1.13269E-03	6.20228E-04	2.100	1.879	1.135
181	TOTAL..	5.39913E+00	5.06969E+00	3.97713E+00	1.77015E-03	1.09906E-03	6.17215E-04	2.245	1.838	1.137
182	TOTAL..	6.27940E+00	4.39681E+00	4.00738E+00	1.92340E-03	8.01060E-04	9.84707E-04	2.561	1.386	1.276
183	TOTAL..	6.28073E+00	4.04896E+00	4.01483E+00	1.90902E-03	7.92507E-04	1.00317E-03	2.561	1.240	1.444
184	TOTAL..	6.28028E+00	3.76518E+00	4.04638E+00	1.90726E-03	7.89875E-04	9.79708E-04	2.561	1.190	1.632
185	TOTAL..	5.79102E+00	3.11585E+00	2.57310E+00	1.68712E-03	9.59038E-04	1.03017E-03	2.445	1.386	1.299
186	TOTAL..	5.43802E+00	3.11492E+00	1.98325E+00	1.66087E-03	9.90242E-04	1.05460E-03	2.379	1.386	1.007
187	TOTAL..	5.03523E+00	3.11377E+00	1.43978E+00	1.61548E-03	1.03211E-03	1.06327E-03	2.349	1.386	.743
188	TOTAL..	2.46965E+00	1.77399E+00	7.63712E-01	7.42256E-04	1.14526E-03	5.61772E-04	1.656	1.001	.557
189	TOTAL..	2.09823E+00	1.50764E+00	6.45264E-01	7.18741E-04	1.12704E-03	5.12631E-04	1.427	.869	.484

190	TOTAL..	1.34502E+00	9.69394E-01	4.04562E-01	6.45581E-04	1.00248E-03	3.88889E-04	.934	.583	.325
191	TOTAL..	1.91965E+00	1.61543E+00	1.24029E+00	6.80630E-04	1.64856E-03	8.32241E-04	1.302	.904	1.051
192	TOTAL..	1.80334E+00	1.73015E+00	1.65083E+00	6.77678E-04	1.76047E-03	9.00678E-04	1.225	1.043	1.538
193	TOTAL..	1.58057E+00	2.02226E+00	2.50447E+00	6.76493E-04	1.86818E-03	9.65187E-04	1.138	1.523	2.620
194	TOTAL..	1.34886E+00	2.42343E+00	3.51851E+00	6.76668E-04	1.88944E-03	9.77372E-04	1.180	2.224	3.929
195	TOTAL..	9.29133E-01	6.70375E-01	2.72012E-01	5.87915E-04	9.06738E-04	3.26922E-04	.653	.413	.236
196	TOTAL..	5.63187E-01	4.06423E-01	1.57192E-01	5.18291E-04	7.94805E-04	2.69328E-04	.403	.259	.161
197	TOTAL..	3.08141E-01	2.22172E-01	8.16564E-02	4.58794E-04	7.01544E-04	2.28419E-04	.227	.149	.114
198	TOTAL..	7.96169E-02	6.09094E-02	4.59170E-02	4.33826E-04	6.63129E-04	2.13355E-04	.077	.052	.085
199	TOTAL..	1.11547E+00	7.09816E+00	3.73055E+00	1.44623E-03	1.16874E-03	1.22002E-03	.610	3.065	1.111
200	TOTAL..	1.75699E-01	5.50087E+00	2.83608E+00	1.09967E-03	8.81712E-04	1.82715E-03	.297	2.541	.960
201	TOTAL..	1.73569E-01	4.26477E+00	2.25986E+00	1.06856E-03	8.79212E-04	1.79903E-03	.294	2.002	.817
202	TOTAL..	1.69604E-01	1.38459E+00	9.35860E-01	9.92852E-04	6.85350E-04	1.34420E-03	.285	.839	.563
203	TOTAL..	1.60721E-01	8.52335E-01	8.33444E-01	9.15941E-04	3.12449E-04	5.47571E-04	.271	.844	.801
204	TOTAL..	1.44668E-01	1.25208E+00	1.01153E+00	8.60841E-04	7.61151E-05	7.66893E-05	.253	.956	.877
205	TOTAL..	1.37987E-01	1.05481E+00	8.52379E-01	8.47850E-04	1.90903E-04	2.32923E-04	.246	.818	.754
206	TOTAL..	1.34246E-01	9.00623E-01	7.23726E-01	8.04618E-04	2.13028E-04	2.63631E-04	.241	.719	.662
207	TOTAL..	1.70017E-01	1.10901E+00	1.05428E+00	8.61539E-04	2.06787E-04	2.46316E-04	.265	.856	.875

208 TOTAL..	1.73536E-01	1.15141E+00	1.10481E+00	8.61562E-04	2.07048E-04	2.46566E-04	.267	.888	.912
209 TOTAL..	3.21655E-01	1.28674E+00	1.74975E+00	8.89192E-04	2.36470E-04	2.71213E-04	.385	.995	1.355
210 TOTAL..	3.90021E-01	1.35682E+00	2.00669E+00	1.05998E-03	4.20522E-04	4.32011E-04	.448	1.057	1.547
211 TOTAL..	4.76011E-01	1.44370E+00	2.29821E+00	1.18113E-03	5.49410E-04	5.49560E-04	.532	1.141	1.772
212 TOTAL..	6.04799E-01	1.57730E+00	2.71295E+00	1.29575E-03	6.64774E-04	6.59230E-04	.674	1.284	2.105
213 TOTAL..	1.03930E+00	1.97454E+00	3.96003E+00	1.41810E-03	7.90407E-04	7.78256E-04	1.319	1.837	3.225
215 TOTAL..	6.02399E-01	1.19488E+00	2.52472E+00	1.82031E-03	4.06148E-04	5.93261E-04	1.020	1.129	2.578
216 TOTAL..	7.14548E-01	1.29230E+00	2.89861E+00	1.82722E-03	4.14198E-04	5.83947E-04	1.148	1.165	2.970
217 TOTAL..	7.87248E-01	1.34519E+00	3.13943E+00	1.82504E-03	4.21378E-04	5.74448E-04	1.228	1.197	3.260
218 TOTAL..	8.44797E-01	1.40602E+00	3.33573E+00	1.82636E-03	4.26143E-04	5.67793E-04	1.296	1.235	3.406
220 TOTAL..	1.23277E-01	6.00260E-01	4.78718E-01	6.80531E-04	2.17526E-04	2.74594E-04	.226	.542	.486
222 TOTAL..	7.97665E-02	2.27646E-01	1.36126E-01	1.67726E-04	7.38616E-05	1.14249E-04	.153	1.189	.434
223 TOTAL..	6.99601E-02	1.58038E-02	5.88069E-03	1.27210E-04	6.10129E-05	9.83456E-05	.135	.111	.040
224 TOTAL..	4.52549E+00	5.10236E+00	4.83869E+00	1.94459E-03	1.13169E-03	9.64135E-04	2.104	1.939	1.572
225 TOTAL..	4.67898E+00	5.10314E+00	4.87032E+00	1.83527E-03	9.77471E-04	1.24673E-03	2.297	1.940	1.659
226 TOTAL..	4.86443E+00	5.10342E+00	4.96574E+00	1.82093E-03	9.62739E-04	1.26683E-03	2.539	1.940	1.847
227 TOTAL..	5.02947E+00	5.10374E+00	5.08059E+00	1.82439E-03	9.61825E-04	1.27360E-03	2.766	1.940	2.053
228 TOTAL..	5.09499E+00	4.84579E+00	4.94194E+00	1.37361E-03	6.96788E-04	1.51148E-03	2.638	1.910	1.844

229	TOTAL..	5.23739E+00	5.10416E+00	5.25506E+00	1.82641E-03	9.60405E-04	1.27749E-03	3.057	1.941	2.340
230	TOTAL..	5.59369E+00	5.57799E+00	5.34184E+00	2.24205E-03	2.43384E-03	1.38399E-03	5.360	2.702	2.442
231	TOTAL..	5.35978E+00	3.12432E+00	4.90559E+00	1.81442E-03	9.30836E-04	1.91685E-03	3.332	1.927	1.852
232	TOTAL..	5.43415E+00	1.85705E+00	4.88370E+00	1.71192E-03	1.11947E-03	2.20213E-03	4.168	2.346	1.878
233	TOTAL..	4.56041E+00	1.51417E+00	4.57896E+00	1.53176E-03	1.62388E-03	2.65436E-03	3.900	2.460	1.796
234	TOTAL..	2.37646E+00	1.50833E+00	3.21818E+00	1.92500E-03	2.03887E-03	2.72064E-03	2.286	2.457	1.417
235	TOTAL..	9.98268E-01	1.50212E+00	1.75893E+00	2.14315E-03	2.49616E-03	2.51134E-03	1.431	2.450	1.581
236	TOTAL..	1.41415E+00	1.01044E+00	6.32112E-01	2.46949E-03	3.11603E-03	1.10055E-03	1.766	1.737	1.451
237	TOTAL..	1.41509E+00	9.34023E-01	6.54406E-01	2.49657E-03	3.15319E-03	1.03769E-03	1.767	1.555	1.389
238	TOTAL..	1.41934E+00	7.02583E-01	1.85470E+00	2.66237E-03	3.29451E-03	7.34472E-04	1.772	.917	1.243
239	TOTAL..	2.32984E+00	1.33686E+00	1.85528E+00	2.68260E-03	3.30413E-03	7.27425E-04	1.695	1.379	1.247
240	TOTAL..	2.30155E+00	1.33710E+00	1.93431E+00	2.68272E-03	3.30413E-03	7.26746E-04	1.732	1.380	1.205
241	TOTAL..	1.42173E+00	6.35679E-01	3.11567E+00	2.79212E-03	3.33589E-03	5.42318E-04	1.775	1.013	1.288
242	TOTAL..	1.42397E+00	6.21427E-01	4.40705E+00	2.94311E-03	3.33116E-03	4.14910E-04	1.778	1.413	1.481
243	TOTAL..	2.38932E+00	1.56816E+00	4.40799E+00	2.96647E-03	3.34204E-03	4.15751E-04	1.739	2.001	1.483
244	TOTAL..	2.39978E+00	1.56846E+00	4.47119E+00	2.96621E-03	3.34204E-03	4.16051E-04	1.778	2.003	1.399
245	TOTAL..	1.42578E+00	6.25367E-01	6.66599E+00	3.17507E-03	3.24383E-03	3.83111E-04	1.780	1.884	2.014
246	TOTAL..	1.99797E+00	1.22081E+00	7.82219E+00	3.76036E-03	2.92038E-03	4.73600E-04	1.891	1.683	2.294

247 TOTAL..	2.63088E+00	2.18527E+00	7.82218E+00	3.81763E-03	2.89119E-03	5.01352E-04	2.172	1.786	2.294
248 TOTAL..	3.49000E+00	3.43471E+00	7.82209E+00	3.74446E-03	2.84808E-03	5.41931E-04	2.666	2.222	2.294
249 TOTAL..	4.21475E+00	4.60668E+00	7.44487E+00	2.02585E-03	2.50731E-03	8.41969E-04	3.231	2.757	2.343
251 TOTAL..	2.37401E+00	4.62902E+00	4.36857E+00	1.83513E-03	2.10659E-03	1.01251E-03	2.362	2.773	3.497
252 TOTAL..	1.15923E+00	4.64035E+00	2.18527E+00	1.81281E-03	1.88629E-03	9.87691E-04	1.388	2.781	2.641
253 TOTAL..	1.04203E-01	4.65024E+00	2.47163E-01	1.41437E-03	1.68563E-03	7.62679E-04	.438	2.787	.980
255 TOTAL..	1.22210E+00	4.66654E+00	2.67065E+00	1.03278E-03	1.36124E-03	3.78076E-04	1.765	2.797	2.283
256 TOTAL..	1.45832E+00	4.67350E+00	3.78793E+00	1.06838E-03	1.27340E-03	5.18372E-04	1.741	2.800	2.144
257 TOTAL..	1.56528E+00	4.67594E+00	4.26599E+00	1.06162E-03	1.26596E-03	5.94092E-04	1.607	2.801	1.993
258 TOTAL..	1.37429E+00	4.92337E+00	4.94668E+00	9.08524E-04	1.26739E-03	7.98664E-04	.723	2.856	2.018
259 TOTAL..	1.32796E+00	5.03811E+00	4.96770E+00	8.56482E-04	1.26897E-03	8.07370E-04	.708	2.960	2.031
260 TOTAL..	1.62874E+00	5.21256E+00	5.01349E+00	7.07475E-04	1.22983E-03	8.31722E-04	1.381	3.275	2.084
263 TOTAL..	4.08179E+00	2.93909E+00	5.06430E+00	1.36393E-03	5.40458E-04	1.25866E-03	2.403	2.198	2.118
265 TOTAL..	4.27262E+00	6.70743E-01	4.93193E+00	1.69651E-03	3.58424E-04	1.48976E-03	1.954	1.500	1.996
266 TOTAL..	3.68966E+00	2.49237E-01	4.24183E+00	1.92829E-03	9.16572E-05	1.65173E-03	1.663	1.740	1.680
267 TOTAL..	3.63516E+00	2.49206E-01	4.17772E+00	1.92764E-03	8.53896E-05	1.65220E-03	1.638	1.740	1.654
268 TOTAL..	3.40865E+00	2.49070E-01	3.91174E+00	1.91679E-03	5.93463E-05	1.65059E-03	1.533	1.739	1.549
269 TOTAL..	3.02137E+00	2.48571E-01	3.46131E+00	1.91014E-03	5.48250E-05	1.64746E-03	1.355	1.736	1.372

270	TOTAL..	2.63224E+00	2.47246E-01	3.01011E+00	1.89364E-03	5.03037E-05	1.63703E-03	1.178	1.726	1.199
271	TOTAL..	2.24230E+00	2.45087E-01	2.55951E+00	1.86227E-03	4.57630E-05	1.61435E-03	1.006	1.711	1.031
272	TOTAL..	2.23738E+00	2.64229E+00	2.55906E+00	1.86227E-03	4.57630E-05	1.61435E-03	1.005	1.908	1.030
273	TOTAL..	2.24390E+00	2.24315E+00	2.55836E+00	1.86227E-03	4.57630E-05	1.61435E-03	1.012	2.017	1.042
274	TOTAL..	2.24891E+00	2.64435E+00	2.56007E+00	1.86227E-03	4.57630E-05	1.61435E-03	1.040	2.125	1.033
275	TOTAL..	2.24082E+00	2.24326E+00	2.56215E+00	1.86227E-03	4.57630E-05	1.61435E-03	1.002	2.018	1.052
276	TOTAL..	1.05023E+00	2.32628E-01	1.19157E+00	1.60423E-03	3.12094E-05	1.40181E-03	.512	1.624	.535
277	TOTAL..	1.00726E-01	2.12150E-01	1.10721E-01	1.05549E-03	1.66559E-05	9.26078E-04	.147	1.481	.154
278	TOTAL..	5.89079E+00	4.30455E+00	3.68837E+00	1.78164E-03	1.13344E-03	1.12077E-03	2.503	1.644	1.542
279	TOTAL..	6.06937E+00	4.30572E+00	3.33020E+00	1.70228E-03	9.96477E-04	1.35837E-03	2.685	1.646	1.381
280	TOTAL..	6.27887E+00	4.30617E+00	3.12806E+00	1.69666E-03	9.83851E-04	1.37485E-03	2.907	1.646	1.384
281	TOTAL..	6.46195E+00	4.30642E+00	3.01634E+00	1.69698E-03	9.83390E-04	1.38172E-03	3.113	1.646	1.471
282	TOTAL..	6.68958E+00	4.30673E+00	2.94926E+00	1.69688E-03	9.82693E-04	1.38521E-03	3.378	1.647	1.650
283	TOTAL..	7.19432E+00	4.21724E+00	2.97003E+00	1.73209E-03	2.47864E-03	1.23766E-03	5.069	2.309	2.605
284	TOTAL..	6.28648E+00	4.63977E+00	3.22879E+00	1.51985E-03	7.70008E-04	1.46681E-03	2.913	1.926	1.330
285	TOTAL..	6.23631E+00	4.80311E+00	3.28717E+00	1.51124E-03	7.81675E-04	1.51045E-03	2.962	2.177	1.340
286	TOTAL..	6.22451E+00	4.83291E+00	3.29815E+00	1.51212E-03	7.85432E-04	1.51876E-03	2.976	2.230	1.346
287	TOTAL..	5.44973E+00	4.97228E+00	3.62718E+00	2.02671E-03	1.22792E-03	1.91468E-03	2.882	2.647	1.588

288	TOTAL..	4.82296E+00	4.97169E+00	4.01694E+00	2.06616E-03	1.38362E-03	1.94292E-03	2.889	2.649	2.347
289	TOTAL..	4.26483E+00	4.97098E+00	4.51207E+00	2.02059E-03	1.55735E-03	1.91341E-03	3.245	2.650	3.296
290	TOTAL..	3.25592E+00	4.52247E+00	4.91806E+00	1.91828E-03	1.87535E-03	1.66065E-03	3.266	2.585	3.642
291	TOTAL..	2.17290E+00	3.64912E+00	4.91959E+00	2.00878E-03	1.95503E-03	1.51768E-03	2.163	3.206	3.648
292	TOTAL..	1.14511E+00	2.88663E+00	4.92084E+00	2.03391E-03	1.92291E-03	1.43766E-03	1.192	4.709	3.651
293	TOTAL..	7.87419E-01	2.05496E+00	4.70885E+00	2.10241E-03	2.16476E-03	1.36850E-03	.986	5.012	3.612
294	TOTAL..	7.83332E-01	6.54872E-01	4.71992E+00	2.17601E-03	2.44441E-03	1.02849E-03	.981	2.523	2.141
296	TOTAL..	7.92696E-01	8.61164E-01	6.52088E+00	2.55310E-03	2.37814E-03	2.52360E-04	.988	1.212	1.738
297	TOTAL..	1.89054E+00	1.99872E+00	6.52182E+00	2.58262E-03	2.39953E-03	2.51784E-04	1.338	1.808	1.745
298	TOTAL..	1.89192E+00	1.99903E+00	6.70246E+00	2.58309E-03	2.39953E-03	2.51918E-04	1.317	1.809	1.753
299	TOTAL..	7.94066E-01	8.61815E-01	7.05410E+00	2.63272E-03	2.29280E-03	2.51848E-04	.989	1.144	1.667
300	TOTAL..	7.95395E-01	7.95174E-01	7.57770E+00	2.72643E-03	2.21379E-03	3.96775E-04	.990	1.107	1.474
301	TOTAL..	1.80779E+00	1.96802E+00	7.57874E+00	2.75330E-03	2.23989E-03	3.99576E-04	1.491	1.800	1.478
302	TOTAL..	1.78817E+00	1.96830E+00	7.78604E+00	2.75388E-03	2.23989E-03	4.00052E-04	1.593	1.802	1.556
303	TOTAL..	7.96631E-01	6.14738E-01	8.77201E+00	2.92157E-03	1.99193E-03	7.54803E-04	.992	1.184	2.186
304	TOTAL..	8.00349E-01	1.32264E+00	9.09615E+00	3.18238E-03	1.78853E-03	1.26382E-03	1.061	1.284	2.610
305	TOTAL..	1.76266E+00	3.82670E+00	9.26739E+00	3.24070E-03	1.76932E-03	1.43648E-03	1.533	1.186	2.695
306	TOTAL..	2.97628E+00	6.35520E+00	9.41410E+00	3.15356E-03	1.72064E-03	1.51760E-03	2.451	1.211	2.740

307 TOTAL..	3.60645E+00	7.60022E+00	9.48704E+00	3.07633E-03	1.68650E-03	1.53088E-03	3.038	1.296	2.782
308 TOTAL..	3.66270E+00	8.53006E+00	8.51564E+00	3.16546E-03	1.45766E-03	1.39701E-03	3.234	1.346	2.644
311 TOTAL..	1.86412E-01	8.53505E+00	4.61745E-01	1.49537E-03	1.30878E-03	6.35811E-04	.785	1.347	.735
312 TOTAL..	1.95403E-01	8.53602E+00	4.52426E-01	1.68988E-04	1.28059E-03	6.87677E-05	.645	1.347	.823
313 TOTAL..	1.25161E-01	8.53637E+00	2.82438E-01	6.27421E-04	1.27435E-03	2.62334E-04	.777	1.346	.913
315 TOTAL..	1.06803E+00	8.53495E+00	2.64724E+00	1.06098E-03	1.33501E-03	4.10901E-04	2.098	1.344	4.231
316 TOTAL..	1.48508E+00	8.53281E+00	3.77806E+00	9.24512E-04	1.41417E-03	4.12399E-04	1.945	1.342	2.924
317 TOTAL..	1.64687E+00	8.53156E+00	4.15991E+00	8.99521E-04	1.46029E-03	4.46982E-04	1.745	1.341	2.043
318 TOTAL..	1.24360E+00	7.63469E+00	4.31547E+00	1.93328E-03	1.53628E-03	7.04460E-04	.889	1.567	1.875
319 TOTAL..	1.22426E+00	7.55990E+00	4.31352E+00	1.95174E-03	1.53767E-03	7.09796E-04	.862	1.572	1.875
320 TOTAL..	1.15419E+00	6.94858E+00	4.29861E+00	2.08322E-03	1.54558E-03	7.49555E-04	.735	1.629	1.878
322 TOTAL..	2.44991E+00	3.34751E+00	4.23642E+00	2.32642E-03	1.37660E-03	9.09043E-04	1.541	2.470	1.921
323 TOTAL..	3.64399E+00	6.82703E-01	4.18488E+00	1.99652E-03	9.94496E-04	9.98500E-04	1.866	2.898	1.905
324 TOTAL..	3.38381E+00	4.05517E-01	3.72287E+00	1.59480E-03	2.50289E-04	1.44639E-03	1.690	2.834	1.677
325 TOTAL..	3.30194E+00	4.05439E-01	3.63194E+00	1.60645E-03	2.22182E-04	1.45507E-03	1.648	2.833	1.635
326 TOTAL..	3.10245E+00	4.05236E-01	3.40958E+00	1.63231E-03	1.54418E-04	1.47575E-03	1.545	2.832	1.533
327 TOTAL..	2.75629E+00	4.04436E-01	3.02582E+00	1.63394E-03	1.42654E-04	1.47771E-03	1.369	2.827	1.360
328 TOTAL..	2.40687E+00	4.02289E-01	2.63907E+00	1.62784E-03	1.30889E-04	1.47385E-03	1.194	2.812	1.189

329	TOTAL..	2.05506E+00	3.98785E-01	2.25052E+00	1.60900E-03	1.19074E-04	1.45915E-03	1.021	2.787	1.019
330	TOTAL..	1.90228E+00	2.30238E+00	2.24088E+00	1.60900E-03	1.19074E-04	1.45915E-03	.949	3.056	1.014
331	TOTAL..	2.01403E+00	2.06356E+00	2.29335E+00	1.60900E-03	1.19074E-04	1.45915E-03	.999	2.982	1.054
332	TOTAL..	2.20901E+00	2.30272E+00	2.26094E+00	1.60900E-03	1.19074E-04	1.45915E-03	1.112	2.894	1.026
333	TOTAL..	2.09618E+00	2.06374E+00	2.21857E+00	1.60900E-03	1.19074E-04	1.45915E-03	1.043	2.981	1.010
334	TOTAL..	9.69861E-01	3.78529E-01	1.05765E+00	1.40477E-03	8.12063E-05	1.28055E-03	.512	2.646	.514
335	TOTAL..	9.69647E-02	3.45212E-01	1.03567E-01	9.30185E-04	4.33382E-05	8.50312E-04	.130	2.413	.139
336	TOTAL..	5.03109E+00	5.17188E+00	3.76932E+00	1.74457E-03	1.11254E-03	6.58243E-04	2.143	1.879	1.053
337	TOTAL..	5.13517E+00	5.17287E+00	3.70929E+00	1.67047E-03	1.01468E-03	9.07274E-04	2.291	1.880	1.079
338	TOTAL..	5.26757E+00	5.17324E+00	3.75773E+00	1.66198E-03	1.00917E-03	9.25794E-04	2.498	1.881	1.200
339	TOTAL..	5.38268E+00	5.17356E+00	3.84160E+00	1.66494E-03	1.00788E-03	9.31998E-04	2.694	1.881	1.348
340	TOTAL..	5.53060E+00	4.77984E+00	3.73770E+00	1.45705E-03	1.33336E-03	1.17485E-03	2.681	1.788	1.199
341	TOTAL..	5.52567E+00	5.17396E+00	3.98516E+00	1.66726E-03	1.00586E-03	9.35590E-04	2.951	1.881	1.561
342	TOTAL..	5.74250E+00	5.85647E+00	4.03808E+00	2.39267E-03	1.83751E-03	1.05448E-03	4.279	2.610	1.790
343	TOTAL..	6.14742E+00	2.97128E+00	3.66553E+00	1.86468E-03	2.10415E-03	1.59231E-03	3.819	2.115	1.256
344	TOTAL..	6.82227E+00	1.82817E+00	3.61848E+00	1.81345E-03	2.42813E-03	1.88980E-03	4.926	2.825	1.341
345	TOTAL..	6.53020E+00	1.56974E+00	3.21525E+00	1.31878E-03	2.98451E-03	2.51831E-03	4.617	3.181	1.343
346	TOTAL..	4.79964E+00	1.56697E+00	2.22265E+00	1.48241E-03	3.39938E-03	2.72809E-03	2.826	3.174	1.353

347	TOTAL..	3.54728E+00	1.56378E+00	1.58671E+00	1.63519E-03	3.85968E-03	2.86084E-03	1.847	3.161	1.501
348	TOTAL..	3.39139E+00	1.02257E+00	4.70564E-01	1.95573E-03	4.43573E-03	4.09891E-03	1.799	2.452	1.245
349	TOTAL..	3.39131E+00	1.15914E+00	5.78245E-01	1.99279E-03	4.47922E-03	4.16571E-03	1.799	2.251	1.191
350	TOTAL..	3.39038E+00	2.84863E+00	2.56951E+00	2.20250E-03	4.64172E-03	4.42143E-03	1.799	1.882	1.100
351	TOTAL..	2.34549E+00	3.70623E+00	2.57007E+00	2.23355E-03	4.64797E-03	4.42309E-03	2.046	2.498	1.103
352	TOTAL..	2.32515E+00	3.70649E+00	2.76889E+00	2.23451E-03	4.64797E-03	4.42330E-03	2.038	2.500	1.212
353	TOTAL..	3.38894E+00	4.36287E+00	4.19317E+00	2.33255E-03	4.68619E-03	4.49836E-03	1.797	2.339	1.181
354	TOTAL..	3.38743E+00	5.92269E+00	5.83548E+00	2.47814E-03	4.68415E-03	4.48587E-03	1.795	3.049	1.368
355	TOTAL..	2.18270E+00	6.91102E+00	5.83649E+00	2.51173E-03	4.68750E-03	4.48717E-03	1.943	3.146	1.370
356	TOTAL..	2.17365E+00	6.91132E+00	6.06731E+00	2.51335E-03	4.68750E-03	4.48734E-03	1.923	3.149	1.442
357	TOTAL..	3.38243E+00	9.29662E+00	9.42736E+00	2.77757E-03	4.60643E-03	4.19540E-03	1.789	4.330	1.993
358	TOTAL..	1.80768E+00	1.13649E+01	1.10842E+01	2.97893E-03	4.51199E-03	3.08145E-03	1.354	3.348	2.314
359	TOTAL..	9.34601E-01	1.18572E+01	1.10844E+01	3.01931E-03	4.47503E-03	2.80142E-03	1.265	2.373	2.313
360	TOTAL..	1.31598E+00	1.24600E+01	1.10843E+01	3.01603E-03	4.40614E-03	2.47829E-03	1.631	1.647	2.313
361	TOTAL..	1.38074E+00	1.24977E+01	1.10843E+01	3.01415E-03	4.40181E-03	2.45857E-03	1.664	1.631	2.313
362	TOTAL..	2.66186E+00	1.31667E+01	1.02063E+01	2.70139E-03	4.04318E-03	1.23403E-03	2.624	1.890	2.348
364	TOTAL..	1.95356E+00	1.31726E+01	5.23697E+00	2.46171E-03	3.42268E-03	6.29835E-04	2.958	1.909	3.467
365	TOTAL..	1.17485E+00	1.31749E+01	2.55790E+00	2.10121E-03	3.06978E-03	7.64044E-04	2.236	1.920	3.963

366 TOTAL..	3.76556E-01	1.31763E+01	6.17921E-01	1.63061E-03	2.73416E-03	7.33278E-04	1.299	1.929	2.981
368 TOTAL..	1.53907E+00	1.31738E+01	3.70944E+00	1.32021E-03	2.11040E-03	4.85735E-04	2.090	1.943	2.746
369 TOTAL..	1.94058E+00	1.31705E+01	4.94882E+00	1.02802E-03	1.84644E-03	4.73937E-04	2.050	1.950	2.260
370 TOTAL..	2.05214E+00	1.31686E+01	5.26903E+00	1.00555E-03	1.76428E-03	5.45122E-04	1.890	1.952	2.035
371 TOTAL..	1.47880E+00	1.17733E+01	5.08977E+00	2.92998E-03	1.63964E-03	1.06043E-03	.855	2.239	2.022
372 TOTAL..	1.45674E+00	1.16576E+01	5.08374E+00	2.95936E-03	1.63910E-03	1.06662E-03	.822	2.268	2.024
373 TOTAL..	1.36243E+00	1.07115E+01	5.03549E+00	3.16816E-03	1.63419E-03	1.11040E-03	.659	2.527	2.042
375 TOTAL..	2.59589E+00	5.12327E+00	4.78682E+00	3.56672E-03	1.43465E-03	1.22086E-03	1.514	3.366	2.129
376 TOTAL..	3.81970E+00	8.58875E-01	4.62462E+00	3.03871E-03	1.03764E-03	1.19946E-03	1.942	2.428	2.075
377 TOTAL..	3.54393E+00	3.08680E-01	4.07057E+00	1.77080E-03	2.61050E-04	1.51595E-03	1.766	2.134	1.811
378 TOTAL..	3.45815E+00	3.08550E-01	3.97017E+00	1.77664E-03	2.31734E-04	1.52470E-03	1.722	2.134	1.766
379 TOTAL..	3.24916E+00	3.08228E-01	3.72557E+00	1.79137E-03	1.61057E-04	1.54585E-03	1.615	2.132	1.656
380 TOTAL..	2.88657E+00	3.07526E-01	3.30480E+00	1.79122E-03	1.48787E-04	1.54784E-03	1.431	2.127	1.469
381 TOTAL..	2.52058E+00	3.05813E-01	2.88121E+00	1.78275E-03	1.36517E-04	1.54373E-03	1.248	2.115	1.282
382 TOTAL..	2.15210E+00	3.03079E-01	2.45603E+00	1.76053E-03	1.24194E-04	1.52826E-03	1.067	2.096	1.097
383 TOTAL..	2.31191E+00	2.50832E+00	2.46631E+00	1.76053E-03	1.24194E-04	1.52826E-03	1.158	2.305	1.104
384 TOTAL..	2.10952E+00	2.13181E+00	2.49821E+00	1.76053E-03	1.24194E-04	1.52826E-03	1.045	2.371	1.130
385 TOTAL..	1.99361E+00	2.50702E+00	2.44658E+00	1.76053E-03	1.24194E-04	1.52826E-03	.989	2.449	1.091

386	TOTAL..	2.19477E+00	2.13126E+00	2.42478E+00	1.76053E-03	1.24194E-04	1.52826E-03	1.090	2.362	1.083
387	TOTAL..	1.01557E+00	2.87536E-01	1.15281E+00	1.53392E-03	8.46976E-05	1.34105E-03	.531	1.989	.542
388	TOTAL..	1.01468E-01	2.62182E-01	1.12167E-01	1.01483E-03	4.52014E-05	8.90443E-04	.126	1.814	.115
389	TOTAL..	6.41996E+00	4.04947E+00	3.52125E+00	1.89584E-03	7.77021E-04	1.05517E-03	2.641	1.241	1.203
390	TOTAL..	6.67099E+00	4.05035E+00	3.11951E+00	1.82823E-03	7.43952E-04	1.34802E-03	2.804	1.242	1.084
391	TOTAL..	6.93267E+00	4.05069E+00	2.89841E+00	1.82244E-03	7.48261E-04	1.36900E-03	2.997	1.242	1.175
392	TOTAL..	7.15362E+00	4.05087E+00	2.78365E+00	1.82335E-03	7.47941E-04	1.37673E-03	3.176	1.242	1.345
393	TOTAL..	7.42121E+00	4.05111E+00	2.72927E+00	1.82376E-03	7.47466E-04	1.38084E-03	3.406	1.242	1.615
394	TOTAL..	7.94865E+00	3.96997E+00	2.78637E+00	1.92134E-03	2.05314E-03	1.32282E-03	4.329	1.999	2.350
395	TOTAL..	6.88058E+00	4.33781E+00	3.00219E+00	1.62187E-03	1.33166E-03	1.68557E-03	2.994	1.500	1.170
396	TOTAL..	6.79820E+00	4.47463E+00	3.08199E+00	1.62745E-03	1.49524E-03	1.79458E-03	2.976	1.719	1.174
397	TOTAL..	6.77065E+00	4.51542E+00	3.10858E+00	1.63405E-03	1.53776E-03	1.82705E-03	2.969	1.793	1.177
398	TOTAL..	5.98270E+00	4.68345E+00	3.62255E+00	2.47076E-03	2.78157E-03	2.82445E-03	2.548	2.195	1.260
399	TOTAL..	5.55145E+00	4.68320E+00	4.14676E+00	2.54646E-03	3.02847E-03	2.88034E-03	2.338	2.197	1.612
400	TOTAL..	5.36649E+00	4.68285E+00	4.81265E+00	2.49390E-03	3.28788E-03	2.83437E-03	2.353	2.198	2.101
401	TOTAL..	5.67731E+00	4.42776E+00	5.30490E+00	1.89367E-03	3.67906E-03	2.47668E-03	2.108	2.129	2.491
402	TOTAL..	6.54917E+00	3.90487E+00	5.30830E+00	1.88713E-03	3.72181E-03	2.19448E-03	1.372	2.105	2.493
403	TOTAL..	7.85366E+00	3.49344E+00	5.31146E+00	1.85490E-03	3.53992E-03	1.98036E-03	1.055	2.420	2.494

404	TOTAL..	8.59035E+00	2.48908E+00	5.23096E+00	2.28215E-03	2.17772E-03	2.12508E-03	1.252	2.280	2.357
405	TOTAL..	8.59562E+00	1.00183E+00	6.16769E+00	3.03271E-03	1.48817E-03	2.41294E-03	1.253	1.038	2.524
407	TOTAL..	8.60090E+00	4.84219E+00	6.42504E+00	4.39432E-03	9.57373E-04	2.24713E-03	1.254	1.774	2.652
408	TOTAL..	8.60021E+00	7.31700E+00	6.42740E+00	4.46986E-03	9.61742E-04	2.25481E-03	1.228	2.718	2.653
409	TOTAL..	8.63648E+00	7.31760E+00	6.41687E+00	4.46937E-03	9.61742E-04	2.25565E-03	1.257	2.719	2.619
410	TOTAL..	8.60129E+00	5.65958E+00	6.03165E+00	4.61347E-03	1.36232E-03	1.94700E-03	1.254	2.026	2.498
411	TOTAL..	8.60162E+00	6.34890E+00	5.43949E+00	4.83838E-03	1.80785E-03	1.61704E-03	1.253	2.278	2.290
412	TOTAL..	8.66207E+00	9.11916E+00	5.44150E+00	4.93419E-03	1.81643E-03	1.62506E-03	1.246	3.188	2.291
413	TOTAL..	8.70682E+00	9.11989E+00	5.43094E+00	4.93383E-03	1.81643E-03	1.62593E-03	1.269	3.188	2.234
414	TOTAL..	8.60040E+00	7.47272E+00	3.30263E+00	4.98116E-03	2.55532E-03	1.05391E-03	1.252	2.846	1.750
415	TOTAL..	8.50761E+00	6.44783E+00	2.29746E+00	5.24950E-03	3.21734E-03	1.15760E-03	1.295	2.573	1.526
416	TOTAL..	8.37264E+00	3.75531E+00	1.59640E+00	5.16159E-03	3.31023E-03	1.44778E-03	1.607	1.620	1.344
417	TOTAL..	8.65366E+00	3.78517E-01	7.08042E-01	4.75606E-03	3.26971E-03	1.92737E-03	2.560	.637	1.215
418	TOTAL..	9.19117E+00	2.75508E+00	6.98743E-01	4.19976E-03	3.16816E-03	2.28749E-03	3.436	1.366	1.311
419	TOTAL..	8.54222E+00	3.86663E+00	8.97650E-01	1.03767E-03	2.85363E-03	3.14545E-03	3.565	1.827	1.339
422	TOTAL..	4.33559E-01	3.88505E+00	2.37210E-01	3.64804E-04	2.37387E-03	1.48089E-03	.502	1.845	.486
423	TOTAL..	4.23124E-01	3.89125E+00	1.33983E-01	9.93338E-05	2.19475E-03	1.46010E-04	.621	1.851	.641
424	TOTAL..	2.32975E-01	3.89662E+00	1.48988E-01	4.48934E-04	2.03148E-03	3.29094E-04	.373	1.855	.516

426	TOTAL..	1.02066E+00	3.90534E+00	2.31566E+00	1.05366E-03	1.75482E-03	4.34390E-04	1.614	1.861	2.509
427	TOTAL..	1.52009E+00	3.90894E+00	3.64717E+00	1.10789E-03	1.65461E-03	4.67924E-04	1.675	1.862	2.274
428	TOTAL..	1.73320E+00	3.91017E+00	4.21337E+00	1.12058E-03	1.62936E-03	5.05894E-04	1.593	1.862	2.070
429	TOTAL..	1.43313E+00	4.07163E+00	5.00891E+00	1.13153E-03	1.52243E-03	6.85888E-04	.764	2.012	2.130
430	TOTAL..	1.34944E+00	4.15794E+00	5.03736E+00	1.08723E-03	1.50579E-03	7.18688E-04	.737	2.260	2.152
431	TOTAL..	1.71603E+00	4.34047E+00	5.10029E+00	9.15225E-04	1.42972E-03	7.96116E-04	1.377	2.995	2.220
434	TOTAL..	4.60972E+00	2.73395E+00	5.21471E+00	1.23557E-03	5.90065E-04	1.39174E-03	2.496	2.530	2.242
436	TOTAL..	4.82290E+00	6.76843E-01	5.08702E+00	1.63512E-03	3.57717E-04	1.66706E-03	2.192	1.863	2.101
437	TOTAL..	4.16260E+00	3.13853E-01	4.38584E+00	1.98492E-03	8.87497E-05	1.86294E-03	1.873	2.191	1.754
438	TOTAL..	4.10113E+00	3.13814E-01	4.31985E+00	1.98523E-03	8.26809E-05	1.86351E-03	1.845	2.191	1.727
439	TOTAL..	3.84564E+00	3.13642E-01	4.04578E+00	1.97827E-03	5.74638E-05	1.86191E-03	1.727	2.190	1.617
440	TOTAL..	3.40876E+00	3.13014E-01	3.58087E+00	1.97222E-03	5.30859E-05	1.85842E-03	1.527	2.185	1.434
441	TOTAL..	2.96978E+00	3.11345E-01	3.11491E+00	1.95607E-03	4.87080E-05	1.84673E-03	1.329	2.174	1.256
442	TOTAL..	2.52987E+00	3.08627E-01	2.64932E+00	1.92455E-03	4.43113E-05	1.82120E-03	1.134	2.155	1.081
443	TOTAL..	2.53463E+00	2.72792E+00	2.64936E+00	1.92455E-03	4.43113E-05	1.82120E-03	1.159	2.571	1.083
444	TOTAL..	2.53101E+00	2.55251E+00	2.65006E+00	1.92455E-03	4.43113E-05	1.82120E-03	1.138	2.464	1.091
445	TOTAL..	2.52653E+00	2.72337E+00	2.64939E+00	1.92455E-03	4.43113E-05	1.82120E-03	1.134	2.274	1.081
446	TOTAL..	2.52884E+00	2.55273E+00	2.64994E+00	1.92455E-03	4.43113E-05	1.82120E-03	1.131	2.464	1.099

447 TOTAL..	1.18494E+00	2.92936E-01	1.23446E+00	1.65990E-03	3.02194E-05	1.58157E-03	.568	2.045	.567
448 TOTAL..	1.13536E-01	2.67149E-01	1.15335E-01	1.09276E-03	1.61275E-05	1.04486E-03	.149	1.865	.168

R E S P O N S E S P E C T R U M S T R E S S C O M P O N E N T S (KIND = 2)

FOR EACH ELEMENT, THE FOLLOWING INFORMATION IS PRINTED:

1. FOR EACH EARTH QUAKE DIRECTION; THE NUMBER OF THE MODE WITH THE LARGEST STRESS.
2. THE VALUE OF THAT STRESS.
3. IF REQUESTED; THE MODE BY MODE STRESSES FOR EACH EARTH QUAKE DIRECTION.
4. THE RESULTANT FOR EACH EARTH QUAKE DIRECTION.
5. THE GRAND TOTAL OF THE THREE EARTH QUAKE DIRECTIONS.

**(NOTE: THE X, Y, OR Z REFERS TO THE EARTH QUAKE DIRECTION.)

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (1)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	124	19	29	29	19	29	124	19	29	29	19
X MAXIMUM	1.039E+05	2.578E+03	1.841E+03	8.144E+07	2.020E+07	2.566E+07	1.039E+05	2.578E+03	1.841E+03	8.144E+07	1.865E+07	2.384E+07
Y	121	124	127	29	34	124	121	124	127	29	34	124
Y MAXIMUM	3.693E+04	4.711E+04	3.280E+03	2.784E+07	9.853E+06	2.846E+07	3.693E+04	4.711E+04	3.280E+03	2.784E+07	1.140E+07	6.284E+07
Z	14	129	14	34	34	19	14	129	14	34	34	19
Z MAXIMUM	6.360E+04	2.715E+03	3.589E+03	3.641E+07	2.059E+07	1.151E+07	6.360E+04	2.715E+03	3.589E+03	3.641E+07	2.383E+07	1.069E+07
GRAND TOTAL	1.695E+05	6.542E+04	1.076E+04	1.073E+08	4.233E+07	5.936E+07	1.695E+05	6.542E+04	1.076E+04	1.073E+08	4.247E+07	9.797E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (2)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	19	29	29	29	19	29	19	29	29	29	29
X MAXIMUM	1.031E+05	2.278E+03	1.786E+03	8.124E+07	2.100E+07	2.566E+07	1.031E+05	2.278E+03	1.786E+03	8.124E+07	1.380E+07	1.921E+07
Y	29	124	19	29	34	124	29	124	19	29	34	39
Y MAXIMUM	3.523E+04	5.121E+03	6.227E+02	2.777E+07	1.003E+07	2.846E+07	3.523E+04	5.121E+03	6.227E+02	2.777E+07	9.782E+06	1.552E+07
Z	14	19	14	34	34	19	14	19	14	34	34	19
Z MAXIMUM	6.332E+04	1.021E+03	3.959E+03	3.620E+07	2.095E+07	1.151E+07	6.332E+04	1.021E+03	3.959E+03	3.620E+07	2.044E+07	7.389E+06
GRAND TOTAL	1.658E+05	8.486E+03	6.164E+03	1.071E+08	4.299E+07	5.936E+07	1.658E+05	8.486E+03	6.164E+03	1.071E+08	3.278E+07	3.720E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (3)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	19	29	29	29	29	29	19	29	29	29	19
X MAXIMUM	1.027E+05	5.021E+04	4.065E+04	8.123E+07	1.383E+07	1.921E+07	1.027E+05	5.021E+04	4.065E+04	8.123E+07	2.592E+07	3.263E+07
Y	29	39	34	29	34	39	29	39	34	29	34	19
Y MAXIMUM	3.510E+04	2.793E+04	2.027E+04	2.777E+07	9.787E+06	1.552E+07	3.510E+04	2.793E+04	2.027E+04	2.777E+07	1.004E+07	1.230E+07
Z	14	19	34	34	34	19	14	19	34	34	14	19
Z MAXIMUM	6.307E+04	2.252E+04	4.236E+04	3.620E+07	2.046E+07	7.389E+06	6.307E+04	2.252E+04	4.236E+04	3.620E+07	3.057E+07	1.463E+07
GRAND TOTAL	1.623E+05	8.712E+04	8.145E+04	1.071E+08	3.281E+07	3.720E+07	1.623E+05	8.712E+04	8.145E+04	1.071E+08	5.298E+07	5.395E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (4)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	19	29	29	29	19	29	19	29	29	29	19
X MAXIMUM	1.025E+05	4.952E+04	3.980E+04	8.123E+07	2.592E+07	3.263E+07	1.025E+05	4.952E+04	3.980E+04	8.123E+07	4.917E+07	6.155E+07
Y	29	39	34	29	34	19	29	39	34	29	34	39
Y MAXIMUM	3.504E+04	2.669E+04	1.962E+04	2.777E+07	1.004E+07	1.230E+07	3.504E+04	2.669E+04	1.962E+04	2.777E+07	2.149E+07	2.739E+07

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 Z                 14        19        34        34        14        19        14        19        34        34        14        19
 Z MAXIMUM   6.301E+04 2.221E+04 4.100E+04 3.620E+07 3.057E+07 1.463E+07 6.301E+04 2.221E+04 4.100E+04 3.620E+07 5.116E+07 2.760E+07
 GRAND TOTAL 1.616E+05 8.518E+04 7.951E+04 1.071E+08 5.298E+07 5.395E+07 1.616E+05 8.518E+04 7.951E+04 1.071E+08 9.833E+07 1.026E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (   5)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        29        19        29        19        29        29        29        19
 X MAXIMUM   1.032E+05 3.030E+04 1.164E+04 2.718E+07 1.062E+08 8.213E+07 1.032E+05 3.030E+04 1.164E+04 2.718E+07 9.167E+07 1.198E+08
 Y                 29        39        34        34        34        39        29        39        34        34        34        39
 Y MAXIMUM   3.529E+04 1.196E+04 9.018E+03 1.065E+07 5.127E+07 7.519E+07 3.529E+04 1.196E+04 9.018E+03 1.065E+07 4.004E+07 6.030E+07
 Z                 14        19        14        14        34        19        14        19        14        14        14        19
 Z MAXIMUM   6.186E+04 1.359E+04 2.967E+04 2.272E+07 1.071E+08 3.683E+07 6.186E+04 1.359E+04 2.967E+04 2.272E+07 9.118E+07 5.374E+07
 GRAND TOTAL 1.506E+05 4.443E+04 4.351E+04 5.399E+07 1.876E+08 1.622E+08 1.506E+05 4.443E+04 4.351E+04 5.399E+07 1.785E+08 1.975E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (   6)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        29        29        29        29        29        29        29        29        29        29        29
 X MAXIMUM   1.968E+04 2.117E+04 5.144E+04 1.308E+06 7.849E+07 2.818E+07 1.968E+04 2.117E+04 5.144E+04 1.308E+06 6.256E+07 2.162E+07
 Y                 39        39        34        34        34        39        39        39        34        34        34        39
 Y MAXIMUM   2.034E+04 3.418E+04 2.864E+04 8.849E+05 4.082E+07 4.780E+07 2.034E+04 3.418E+04 2.864E+04 8.849E+05 3.195E+07 3.721E+07
 Z                 39        39        34        34        34        39        39        39        34        34        34        39
 Z MAXIMUM   9.672E+03 1.626E+04 5.985E+04 1.849E+06 8.532E+07 2.273E+07 9.672E+03 1.626E+04 5.985E+04 1.849E+06 6.678E+07 1.770E+07
 GRAND TOTAL 4.576E+04 5.352E+04 9.433E+04 3.059E+06 1.379E+08 7.361E+07 4.576E+04 5.352E+04 9.433E+04 3.059E+06 1.095E+08 5.807E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (   7)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        29        29        29        29        29        29        29        29        29        29        29
 X MAXIMUM   2.450E+03 1.189E+04 1.394E+04 1.079E-06 2.400E+06 2.046E+06 2.450E+03 1.189E+04 1.394E+04 1.079E-06 3.392E-07 2.458E-07
 Y                124        39        34        29        34        39       124        39        34        29         8        39
 Y MAXIMUM   8.020E+03 1.529E+04 9.101E+03 4.176E-07 1.567E+06 2.633E+06 8.020E+03 1.529E+04 9.101E+03 4.176E-07 2.374E-07 1.380E-07
 Z                 57        39        34        34        34        39        57        39        34        34        34        44
 Z MAXIMUM   1.672E+03 7.272E+03 1.902E+04 7.456E-07 3.275E+06 1.252E+06 1.672E+03 7.272E+03 1.902E+04 7.456E-07 2.598E-07 8.449E-08
 GRAND TOTAL 1.462E+04 2.586E+04 3.087E+04 1.706E-06 5.314E+06 4.452E+06 1.462E+04 2.586E+04 3.087E+04 1.706E-06 5.732E-07 3.530E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (   8)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        29        29        29        29        29        29        29        29        29        29        29
 X MAXIMUM   8.095E+03 1.147E+04 3.412E+04 1.800E+05 6.067E+07 1.958E+07 8.095E+03 1.147E+04 3.412E+04 1.800E+05 2.791E+07 8.565E+06
 Y                 39        39        34       137        34        39        39        39        34       137        34        39
 Y MAXIMUM   8.306E+03 1.946E+04 1.733E+04 9.050E+04 3.072E+07 3.458E+07 8.306E+03 1.946E+04 1.733E+04 9.050E+04 1.408E+07 1.590E+07
 Z                 39        39        34        34        34        39        39        39        34        34        34        39
 Z MAXIMUM   3.950E+03 9.254E+03 3.621E+04 1.815E+05 6.421E+07 1.645E+07 3.950E+03 9.254E+03 3.621E+04 1.815E+05 2.944E+07 7.559E+06
 GRAND TOTAL 1.908E+04 3.010E+04 5.916E+04 3.905E+05 1.060E+08 5.449E+07 1.908E+04 3.010E+04 5.916E+04 3.905E+05 4.963E+07 2.666E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (   9)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        29        29       137        29        29        29        29        29       137        29        77
 X MAXIMUM   4.924E+03 7.827E+03 2.471E+04 4.560E+04 2.791E+07 8.565E+06 4.924E+03 7.827E+03 2.471E+04 4.560E+04 2.111E+07 6.472E+06
 Y                 39        39        34       137        34        39        39        39        34       137        34        39
 Y MAXIMUM   5.092E+03 1.391E+04 1.244E+04 9.098E+04 1.408E+07 1.590E+07 5.092E+03 1.391E+04 1.244E+04 9.098E+04 1.066E+07 1.207E+07
 Z                 39        39        34       137        34        39        39        39        34       137        34        39
 Z MAXIMUM   2.421E+03 6.615E+03 2.600E+04 7.665E+04 2.944E+07 7.559E+06 2.421E+03 6.615E+03 2.600E+04 7.665E+04 2.228E+07 5.739E+06
 GRAND TOTAL 1.161E+04 2.207E+04 4.313E+04 2.572E+05 4.963E+07 2.666E+07 1.161E+04 2.207E+04 4.313E+04 2.572E+05 3.784E+07 2.074E+07
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0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (10)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	29	29	29	29	77	29	29	29	29	29	77
X MAXIMUM	4.801E+03	7.854E+03	2.458E+04	2.216E+05	2.109E+07	6.447E+06	4.801E+03	7.854E+03	2.458E+04	2.216E+05	1.481E+07	5.114E+06
Y	39	39	34	34	34	39	39	39	34	34	34	39
Y MAXIMUM	4.909E+03	1.393E+04	1.238E+04	1.097E+05	1.065E+07	1.205E+07	4.909E+03	1.393E+04	1.238E+04	1.097E+05	7.491E+06	8.492E+06
Z	39	39	34	34	34	39	39	39	34	34	34	39
Z MAXIMUM	2.334E+03	6.623E+03	2.587E+04	2.293E+05	2.226E+07	5.729E+06	2.334E+03	6.623E+03	2.587E+04	2.293E+05	1.566E+07	4.038E+06
GRAND TOTAL	1.139E+04	2.210E+04	4.291E+04	4.133E+05	3.780E+07	2.070E+07	1.139E+04	2.210E+04	4.291E+04	4.133E+05	2.697E+07	1.531E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (11)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	77	29	29	29	77	29	77	29	29	29	77
X MAXIMUM	1.757E+03	4.422E+03	1.293E+04	6.778E+05	1.480E+07	5.114E+06	1.757E+03	4.422E+03	1.293E+04	6.778E+05	1.059E+07	3.674E+06
Y	39	39	34	34	34	39	39	39	34	34	34	39
Y MAXIMUM	1.687E+03	7.481E+03	6.535E+03	3.404E+05	7.484E+06	8.492E+06	1.687E+03	7.481E+03	6.535E+03	3.404E+05	5.357E+06	6.057E+06
Z	39	39	34	34	34	39	39	39	34	34	34	39
Z MAXIMUM	8.023E+02	3.558E+03	1.366E+04	7.114E+05	1.564E+07	4.038E+06	8.023E+02	3.558E+03	1.366E+04	7.114E+05	1.120E+07	2.880E+06
GRAND TOTAL	4.216E+03	1.343E+04	2.352E+04	1.227E+06	2.695E+07	1.531E+07	4.216E+03	1.343E+04	2.352E+04	1.227E+06	1.929E+07	1.094E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (12)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	77	29	29	29	77	29	77	29	29	29	29
X MAXIMUM	1.919E+03	4.412E+03	1.273E+04	2.155E-08	1.060E+07	3.675E+06	1.919E+03	4.412E+03	1.273E+04	2.155E-08	1.389E-07	2.677E-08
Y	39	39	34	29	34	39	39	39	34	29	29	39
Y MAXIMUM	2.025E+03	7.294E+03	6.438E+03	6.613E-09	5.364E+06	6.077E+06	2.025E+03	7.294E+03	6.438E+03	6.613E-09	2.940E-08	1.803E-08
Z	39	39	34	34	34	39	39	39	34	34	29	39
Z MAXIMUM	9.632E+02	3.469E+03	1.346E+04	7.959E-09	1.121E+07	2.890E+06	9.632E+02	3.469E+03	1.346E+04	7.959E-09	2.040E-08	1.225E-08
GRAND TOTAL	4.534E+03	1.317E+04	2.318E+04	2.533E-08	1.931E+07	1.097E+07	4.534E+03	1.317E+04	2.318E+04	2.533E-08	1.484E-07	4.764E-08

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (13)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	77	29	29	29	77	29	77	29	29	29	77
X MAXIMUM	5.063E+01	7.211E+01	1.280E+02	1.393E+04	8.266E+04	2.476E+04	5.063E+01	7.211E+01	1.280E+02	1.393E+04	1.428E+04	1.377E+04
Y	39	39	34	34	34	39	39	39	34	34	137	77
Y MAXIMUM	5.950E+01	4.562E+01	6.195E+01	6.977E+03	3.997E+04	2.148E+04	5.950E+01	4.562E+01	6.195E+01	6.977E+03	7.843E+03	6.928E+03
Z	217	217	34	34	34	217	217	217	34	34	34	217
Z MAXIMUM	7.381E+01	8.421E+01	1.295E+02	1.458E+04	8.354E+04	2.343E+04	7.381E+01	8.421E+01	1.295E+02	1.458E+04	1.435E+04	2.156E+04
GRAND TOTAL	1.500E+02	1.713E+02	2.697E+02	2.509E+04	1.761E+05	5.806E+04	1.500E+02	1.713E+02	2.697E+02	2.509E+04	3.213E+04	3.677E+04

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (14)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	77	29	29	29	29	77	77	29	29	29	29	29
X MAXIMUM	7.420E+01	5.104E+01	1.280E+02	1.296E+04	1.517E+04	1.377E+04	7.420E+01	5.104E+01	1.280E+02	1.296E+04	2.021E+04	1.117E+04
Y	39	39	34	137	34	77	39	39	34	137	137	39
Y MAXIMUM	4.001E+01	6.341E+01	6.195E+01	7.688E+03	7.573E+03	6.928E+03	4.001E+01	6.341E+01	6.195E+01	7.688E+03	1.431E+04	2.042E+04
Z	217	217	34	34	34	217	217	217	34	34	34	39
Z MAXIMUM	9.058E+01	6.584E+01	1.295E+02	1.297E+04	1.583E+04	2.156E+04	9.058E+01	6.584E+01	1.295E+02	1.297E+04	1.997E+04	9.713E+03
GRAND TOTAL	1.771E+02	1.431E+02	2.697E+02	3.010E+04	2.749E+04	3.677E+04	1.771E+02	1.431E+02	2.697E+02	3.010E+04	5.096E+04	3.289E+04

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (15)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)

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 X                 77        29        29        29        29        29        77        29        29        29        29        29
 X MAXIMUM   5.422E+01 2.649E+01 3.183E+01 1.480E+04 1.890E+04 1.117E+04 5.422E+01 2.649E+01 3.183E+01 1.480E+04 2.419E+04 1.557E+04
 Y                 39        39        34       137       137        39        39        39        34       137       137        39
 Y MAXIMUM   4.599E+01 2.458E+01 1.562E+01 9.004E+03 1.353E+04 2.042E+04 4.599E+01 2.458E+01 1.562E+01 9.004E+03 1.544E+04 2.451E+04
 Z                217       217        34        34        34        39       217       217        34        34        34        39
 Z MAXIMUM   4.845E+01 6.736E+01 3.264E+01 1.479E+04 1.866E+04 9.713E+03 4.845E+01 6.736E+01 3.264E+01 1.479E+04 2.409E+04 1.166E+04
 GRAND TOTAL 1.249E+02 1.104E+02 6.388E+01 3.475E+04 4.791E+04 3.289E+04 1.249E+02 1.104E+02 6.388E+01 3.475E+04 5.793E+04 3.976E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  16)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        77        29        29        29        29        29        77        29        29        29        29
 X MAXIMUM   4.411E+01 5.478E+01 2.001E+02 1.019E+04 2.647E+04 1.557E+04 4.411E+01 5.478E+01 2.001E+02 1.019E+04 5.605E+03 9.112E+03
 Y                 39        39       137       137       137        39        39        39       137       137        34        39
 Y MAXIMUM   5.770E+01 8.991E+01 1.057E+02 6.067E+03 1.681E+04 2.451E+04 5.770E+01 8.991E+01 1.057E+02 6.067E+03 2.826E+03 1.010E+04
 Z                217       217        34        34        34        39       217       217        34        34        34       217
 Z MAXIMUM   7.410E+01 8.014E+01 2.013E+02 1.020E+04 2.637E+04 1.166E+04 7.410E+01 8.014E+01 2.013E+02 1.020E+04 5.907E+03 2.069E+04
 GRAND TOTAL 1.426E+02 1.898E+02 4.423E+02 2.372E+04 6.325E+04 3.976E+04 1.426E+02 1.898E+02 4.423E+02 2.372E+04 1.019E+04 3.472E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  17)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 77        29        29        29        29        29        77        29        29        29        29        29
 X MAXIMUM   5.459E+01 4.252E+01 2.001E+02 5.206E+03 1.040E+04 9.112E+03 5.459E+01 4.252E+01 2.001E+02 5.206E+03 1.012E+05 1.459E+04
 Y                 39        39       137        34       137        39        39        39       137        34       137        39
 Y MAXIMUM   9.208E+01 5.418E+01 1.057E+02 2.635E+03 6.068E+03 1.010E+04 9.208E+01 5.418E+01 1.057E+02 2.635E+03 5.287E+04 2.011E+04
 Z                217       217        34        34        34       217       217       217        34        34        34       217
 Z MAXIMUM   7.721E+01 7.715E+01 2.013E+02 5.508E+03 1.042E+04 2.069E+04 7.721E+01 7.715E+01 2.013E+02 5.508E+03 1.018E+05 2.232E+04
 GRAND TOTAL 1.895E+02 1.430E+02 4.423E+02 9.519E+03 2.400E+04 3.472E+04 1.895E+02 1.430E+02 4.423E+02 9.519E+03 2.227E+05 4.616E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  18)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        29        19        29        19        29        29        29        19
 X MAXIMUM   1.028E+05 2.824E+04 1.407E+04 2.720E+07 9.167E+07 1.198E+08 1.028E+05 2.824E+04 1.407E+04 2.720E+07 6.177E+07 1.799E+08
 Y                 29        39        34        34        34        39        29        39        34        34         7        19
 Y MAXIMUM   3.515E+04 1.582E+04 1.101E+04 1.064E+07 4.004E+07 6.030E+07 3.515E+04 1.582E+04 1.101E+04 1.064E+07 3.513E+07 6.780E+07
 Z                 14        19        14        14        14        19        14        19        14        14        14        19
 Z MAXIMUM   6.172E+04 1.266E+04 2.873E+04 2.270E+07 9.118E+07 5.374E+07 6.172E+04 1.266E+04 2.873E+04 2.270E+07 1.522E+08 8.065E+07
 GRAND TOTAL 1.495E+05 4.291E+04 4.649E+04 5.398E+07 1.785E+08 1.975E+08 1.495E+05 4.291E+04 4.649E+04 5.398E+07 1.921E+08 2.638E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  19)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        29        19        29        19        29        29        14        19
 X MAXIMUM   1.018E+05 2.587E+04 1.713E+04 2.720E+07 6.177E+07 1.799E+08 1.018E+05 2.587E+04 1.713E+04 2.720E+07 4.536E+07 2.348E+08
 Y                 29        39        34        34         7        19        29        39        34        34         7        19
 Y MAXIMUM   3.480E+04 2.258E+04 1.442E+04 1.064E+07 3.513E+07 6.780E+07 3.480E+04 2.258E+04 1.442E+04 1.064E+07 4.849E+07 8.852E+07
 Z                 14        19        34        14        14        19        14        19        34        14        14        19
 Z MAXIMUM   6.139E+04 1.160E+04 3.013E+04 2.270E+07 1.522E+08 8.065E+07 6.139E+04 1.160E+04 3.013E+04 2.270E+07 2.124E+08 1.053E+08
 GRAND TOTAL 1.470E+05 4.359E+04 5.366E+04 5.398E+07 1.921E+08 2.638E+08 1.470E+05 4.359E+04 5.366E+04 5.398E+07 2.475E+08 3.319E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  20)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        14        19        29        19        29        29        29        29
 X MAXIMUM   1.002E+05 1.011E+05 4.483E+04 2.720E+07 4.536E+07 2.348E+08 1.002E+05 1.011E+05 4.483E+04 2.720E+07 5.284E+07 6.628E+07
 Y                 29        19        29        34         7        19        29        19        29        34         7        29
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 Y MAXIMUM   3.423E+04 3.812E+04 1.532E+04 1.064E+07 4.849E+07 8.852E+07 3.423E+04 3.812E+04 1.532E+04 1.064E+07 2.210E+07 2.266E+07
 Z                14        19        14        14        14        19        14        19        14        14         7        19
 Z MAXIMUM   6.085E+04 4.534E+04 1.240E+05 2.273E+07 2.124E+08 1.053E+08 6.085E+04 4.534E+04 1.240E+05 2.273E+07 2.767E+07 2.617E+07
 GRAND TOTAL 1.448E+05 1.362E+05 1.484E+05 5.399E+07 2.475E+08 3.319E+08 1.448E+05 1.362E+05 1.484E+05 5.399E+07 9.446E+07 1.038E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  21)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        29        29        29        19        29        29        29        29
 X MAXIMUM   9.944E+04 9.155E+04 4.111E+04 2.720E+07 5.284E+07 6.628E+07 9.944E+04 9.155E+04 4.111E+04 2.720E+07 8.011E+07 3.857E+07
 Y                 29        19         7        34         7        29        29        19         7        34        29        29
 Y MAXIMUM   3.399E+04 3.451E+04 1.440E+04 1.064E+07 2.210E+07 2.266E+07 3.399E+04 3.451E+04 1.440E+04 1.064E+07 2.738E+07 1.318E+07
 Z                 14        19        14        14         7        19        14        19        14        14        14        11
 Z MAXIMUM   6.062E+04 4.105E+04 1.165E+05 2.273E+07 2.767E+07 2.617E+07 6.062E+04 4.105E+04 1.165E+05 2.273E+07 8.130E+07 8.968E+06
 GRAND TOTAL 1.435E+05 1.215E+05 1.395E+05 5.399E+07 9.446E+07 1.038E+08 1.435E+05 1.215E+05 1.395E+05 5.399E+07 1.507E+08 5.352E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  22)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 29        29        19        29        29        29        29        29        19        29        19        19
 X MAXIMUM   9.869E+04 3.609E+04 7.838E+04 2.720E+07 3.787E+07 8.044E+07 1.004E+05 3.103E+04 7.838E+04 3.599E+07 7.540E+07 8.452E+07
 Y                 29         7        19        34        29        29        29         7        19         8        19        19
 Y MAXIMUM   3.373E+04 1.345E+04 2.955E+04 1.064E+07 1.295E+07 2.750E+07 3.432E+04 1.546E+04 2.955E+04 1.241E+07 2.842E+07 3.186E+07
 Z                 14        14        19        14        14        14        14        14        19        14        19        14
 Z MAXIMUM   6.037E+04 1.066E+05 3.515E+04 2.273E+07 9.313E+06 8.122E+07 1.126E+05 4.832E+04 3.515E+04 2.788E+07 3.381E+07 1.555E+08
 GRAND TOTAL 1.421E+05 1.281E+05 1.022E+05 5.399E+07 5.301E+07 1.509E+08 1.773E+05 7.200E+04 1.022E+05 6.584E+07 9.825E+07 2.127E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  22)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        29        19        19        19        19
 X MAXIMUM   6.110E+04 8.549E+04 7.838E+04 8.052E+07 1.183E+08 6.747E+07
 Y                 29        29        19        19        19        19
 Y MAXIMUM   2.089E+04 2.922E+04 2.955E+04 3.036E+07 4.459E+07 2.544E+07
 Z                 14        14        19        19        19        14
 Z MAXIMUM   1.189E+05 2.974E+04 3.515E+04 3.611E+07 5.304E+07 1.644E+08
 GRAND TOTAL 1.531E+05 1.149E+05 1.022E+05 1.128E+08 1.585E+08 1.979E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  23)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        19        19        19        29        19        29        19        19        19
 X MAXIMUM   5.767E+04 6.627E+04 8.509E+04 8.051E+07 6.834E+07 1.178E+08 5.767E+04 6.627E+04 8.509E+04 8.051E+07 6.803E+07 1.184E+08
 Y                 29        19        29        19        19        19        29        19        29        19        19        19
 Y MAXIMUM   1.971E+04 2.498E+04 2.909E+04 3.035E+07 2.576E+07 4.440E+07 1.971E+04 2.498E+04 2.909E+04 3.035E+07 2.565E+07 4.464E+07
 Z                 14        19        14        19        14        19        14        19        14        19        14        19
 Z MAXIMUM   1.104E+05 2.972E+04 3.273E+04 3.610E+07 1.644E+08 5.282E+07 1.104E+05 2.972E+04 3.273E+04 3.610E+07 1.641E+08 5.310E+07
 GRAND TOTAL 1.439E+05 8.490E+04 1.138E+05 1.128E+08 1.983E+08 1.581E+08 1.439E+05 8.490E+04 1.138E+05 1.128E+08 1.978E+08 1.589E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  24)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        19        19        19        29        19        29        19        19        19
 X MAXIMUM   6.389E+04 2.946E+04 6.067E+04 9.988E+07 7.536E+07 1.187E+08 6.389E+04 2.946E+04 6.067E+04 9.988E+07 4.038E+07 1.441E+08
 Y                 29        19        29        19        19        19        29        19        29        19         7        19
 Y MAXIMUM   2.184E+04 1.111E+04 2.074E+04 3.765E+07 2.841E+07 4.474E+07 2.184E+04 1.111E+04 2.074E+04 3.765E+07 1.994E+07 5.433E+07
 Z                 14        19        14        19        14        19        14        19        14        19        14        19
 Z MAXIMUM   8.353E+04 1.321E+04 3.543E+04 4.479E+07 1.843E+08 5.322E+07 8.353E+04 1.321E+04 3.543E+04 4.479E+07 1.537E+08 6.462E+07
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 GRAND TOTAL 1.242E+05 4.201E+04 9.477E+04 1.338E+08 2.189E+08 1.624E+08 1.242E+05 4.201E+04 9.477E+04 1.338E+08 1.806E+08 1.882E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  25)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        29        19        19        19        19        29        29        19        19        29        19
 X MAXIMUM   6.951E+04 3.864E+04 4.482E+04 1.166E+08 4.774E+07 1.438E+08 6.951E+04 3.864E+04 4.482E+04 1.166E+08 5.973E+07 1.302E+08
 Y                  29        29        19        19         7        19        29        29        19        19         7        19
 Y MAXIMUM   2.376E+04 1.321E+04 1.690E+04 4.394E+07 1.957E+07 5.422E+07 2.376E+04 1.321E+04 1.690E+04 4.394E+07 2.351E+07 4.907E+07
 Z                  14        34        14        19        14        14        14        34        14        19        14        14
 Z MAXIMUM   4.920E+04 7.742E+03 3.765E+04 5.227E+07 1.723E+08 8.299E+07 4.920E+04 7.742E+03 3.765E+04 5.227E+07 1.243E+08 7.882E+07
 GRAND TOTAL 1.047E+05 4.669E+04 7.806E+04 1.597E+08 1.996E+08 2.000E+08 1.047E+05 4.669E+04 7.806E+04 1.597E+08 1.597E+08 1.826E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  26)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        29        19        19        29        19        29        29        19        19        29        19
 X MAXIMUM   6.480E+04 3.880E+04 3.729E+04 1.165E+08 5.973E+07 1.302E+08 6.480E+04 3.880E+04 3.729E+04 1.165E+08 9.658E+07 1.010E+08
 Y                  29        29        19        19         7        19        29        29        19        19        29        19
 Y MAXIMUM   2.215E+04 1.326E+04 1.406E+04 4.391E+07 2.351E+07 4.910E+07 2.215E+04 1.326E+04 1.406E+04 4.391E+07 3.302E+07 3.806E+07
 Z                  14        19        14        19        14        14        14        19        14        19        14        14
 Z MAXIMUM   3.757E+04 1.031E+04 3.944E+04 5.222E+07 1.243E+08 7.884E+07 3.757E+04 1.031E+04 3.944E+04 5.222E+07 7.410E+07 6.686E+07
 GRAND TOTAL 9.524E+04 5.331E+04 7.017E+04 1.596E+08 1.597E+08 1.827E+08 9.524E+04 5.331E+04 7.017E+04 1.596E+08 1.624E+08 1.653E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  27)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        19        19        19        29        19        29        19        19        19        29        29
 X MAXIMUM   6.489E+04 4.670E+04 1.413E+04 9.127E+07 9.860E+07 8.593E+07 6.489E+04 4.670E+04 1.413E+04 9.127E+07 9.634E+07 7.232E+07
 Y                  29        19        19        19        29        19        29        19        19        19        29        19
 Y MAXIMUM   2.218E+04 1.761E+04 5.328E+03 3.441E+07 3.370E+07 3.239E+07 2.218E+04 1.761E+04 5.328E+03 3.441E+07 3.293E+07 2.580E+07
 Z                  29        19        14        19        14        14        29        19        14        19        14        14
 Z MAXIMUM   1.216E+04 2.094E+04 4.403E+04 4.093E+07 8.187E+07 7.149E+07 1.216E+04 2.094E+04 4.403E+04 4.093E+07 6.538E+07 6.624E+07
 GRAND TOTAL 8.154E+04 6.671E+04 5.435E+04 1.603E+08 1.618E+08 1.478E+08 8.154E+04 6.671E+04 5.435E+04 1.603E+08 1.522E+08 1.369E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  28)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  29        29        19        19        29        29        29        29        19        29        19        29
 X MAXIMUM   6.087E+04 1.202E+04 5.293E+04 9.127E+07 7.158E+07 9.690E+07 4.003E+04 4.741E+04 5.293E+04 1.151E+08 6.311E+07 6.726E+07
 Y                  29        56        19        19        19        29        29        29        19        29        19        29
 Y MAXIMUM   2.081E+04 5.282E+03 1.995E+04 3.441E+07 2.564E+07 3.312E+07 1.368E+04 1.621E+04 1.995E+04 3.936E+07 2.379E+07 2.299E+07
 Z                  19        14        19        19        14        14        14        14        19         7        14        14
 Z MAXIMUM   1.195E+04 4.260E+04 2.374E+04 4.093E+07 6.573E+07 6.589E+07 2.444E+04 3.500E+04 2.374E+04 3.640E+07 5.493E+07 2.719E+07
 GRAND TOTAL 7.792E+04 5.274E+04 7.207E+04 1.603E+08 1.358E+08 1.531E+08 6.173E+04 7.101E+04 7.207E+04 1.492E+08 1.048E+08 1.055E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  28)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        19        29        29        19
 X MAXIMUM   8.870E+03 6.203E+04 5.293E+04 1.095E+08 3.775E+07 2.926E+07
 Y                  56        29        19        29         7         7
 Y MAXIMUM   4.757E+03 2.120E+04 1.995E+04 3.743E+07 2.410E+07 1.165E+07
 Z                  14        14        19        14         7         7
 Z MAXIMUM   4.095E+04 1.206E+04 2.374E+04 3.389E+07 3.017E+07 1.458E+07
 GRAND TOTAL 5.011E+04 7.964E+04 7.207E+04 1.313E+08 8.018E+07 4.666E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  29)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 14        19        29        29        19        29        14        19        29        29        29        29
 X MAXIMUM   7.336E+03 5.355E+04 5.750E+04 1.095E+08 2.950E+07 3.785E+07 7.336E+03 5.355E+04 5.750E+04 1.095E+08 1.710E+07 3.294E+07
 Y                  7        19        29        29         7         7         7        19        29        29         7         7
 Y MAXIMUM   4.583E+03 2.019E+04 1.966E+04 3.743E+07 1.145E+07 2.419E+07 4.583E+03 2.019E+04 1.966E+04 3.743E+07 8.532E+06 2.179E+07
 Z                 14        14        14        14         7         7        14        14        14        14         7         7
 Z MAXIMUM   3.435E+04 2.628E+04 1.935E+04 3.389E+07 1.434E+07 3.029E+07 3.435E+04 2.628E+04 1.935E+04 3.389E+07 1.068E+07 2.728E+07
 GRAND TOTAL 4.402E+04 7.279E+04 7.926E+04 1.313E+08 4.665E+07 8.019E+07 4.402E+04 7.279E+04 7.926E+04 1.313E+08 3.702E+07 6.233E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  30)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        29        29        29        29        19        19        29        29        29        29
 X MAXIMUM   3.965E+04 5.752E+04 5.175E+04 1.033E+08 1.602E+07 6.666E+07 3.965E+04 5.752E+04 5.175E+04 1.033E+08 3.916E+07 7.250E+07
 Y                 19        19        29        29         7         7        19        19        29        29        29        19
 Y MAXIMUM   1.495E+04 2.168E+04 1.769E+04 3.532E+07 6.043E+06 2.548E+07 1.495E+04 2.168E+04 1.769E+04 3.532E+07 1.339E+07 2.494E+07
 Z                 14        14        14        14         7         7        14        14        14        14        14        19
 Z MAXIMUM   2.721E+04 3.817E+04 3.523E+04 4.640E+07 7.567E+06 3.190E+07 2.721E+04 3.817E+04 3.523E+04 4.640E+07 1.215E+07 2.966E+07
 GRAND TOTAL 7.060E+04 8.451E+04 8.480E+04 1.355E+08 2.865E+07 1.060E+08 7.060E+04 8.451E+04 8.480E+04 1.355E+08 5.065E+07 1.224E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  31)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 19        19        29        29        29        29        19        29        29        29        19        19
 X MAXIMUM   5.089E+04 5.707E+04 4.630E+04 1.033E+08 3.916E+07 7.250E+07 7.632E+04 1.348E+04 4.630E+04 1.153E+08 4.470E+07 9.327E+07
 Y                 19        19        29        29        29        19        19         7        29        29        19        19
 Y MAXIMUM   1.918E+04 2.152E+04 1.583E+04 3.532E+07 1.339E+07 2.494E+07 2.877E+04 1.384E+04 1.583E+04 3.940E+07 1.685E+07 3.516E+07
 Z                 19        14        14        14        14        19        14         7        14        14        19        19
 Z MAXIMUM   2.282E+04 4.228E+04 3.925E+04 4.640E+07 1.215E+07 2.966E+07 4.501E+04 1.733E+04 3.925E+04 5.364E+07 2.004E+07 4.182E+07
 GRAND TOTAL 8.226E+04 8.859E+04 8.690E+04 1.355E+08 5.065E+07 1.224E+08 1.146E+05 3.844E+04 8.690E+04 1.469E+08 6.188E+07 1.443E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  31)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        29        29        29        19
 X MAXIMUM   5.758E+04 5.032E+04 4.630E+04 8.907E+07 5.356E+07 7.328E+07
 Y                 19        19        29        29        19        19
 Y MAXIMUM   2.171E+04 1.897E+04 1.583E+04 3.045E+07 1.892E+07 2.763E+07
 Z                 14        19        14        14        19        19
 Z MAXIMUM   4.249E+04 2.256E+04 3.925E+04 5.406E+07 2.251E+07 3.286E+07
 GRAND TOTAL 8.924E+04 8.155E+04 8.690E+04 1.352E+08 8.917E+07 1.093E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  32)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        19        29        19        19        19        29        19        19
 X MAXIMUM   5.693E+04 4.447E+04 6.098E+04 8.907E+07 7.328E+07 5.356E+07 5.693E+04 4.447E+04 6.098E+04 8.907E+07 4.791E+07 6.870E+07
 Y                 19        19        19        29        19        19        19        19        19        29        19        19
 Y MAXIMUM   2.146E+04 1.676E+04 2.299E+04 3.045E+07 2.763E+07 1.892E+07 2.146E+04 1.676E+04 2.299E+04 3.045E+07 1.806E+07 2.590E+07
 Z                 14        14        19        14        19        19        14        14        19        14        19        19
 Z MAXIMUM   4.535E+04 4.061E+04 2.734E+04 5.406E+07 3.286E+07 2.251E+07 4.535E+04 4.061E+04 2.734E+04 5.406E+07 2.148E+07 3.081E+07
 GRAND TOTAL 9.272E+04 8.784E+04 9.353E+04 1.352E+08 1.093E+08 8.917E+07 9.272E+04 8.784E+04 9.353E+04 1.352E+08 7.425E+07 9.423E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  33)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        19        19        19        19        19        29        19        19
 X MAXIMUM   5.665E+04 4.503E+04 6.531E+04 8.907E+07 4.791E+07 6.870E+07 5.665E+04 4.503E+04 6.531E+04 8.907E+07 1.689E+07 9.009E+07
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 Y                 19        19        19        29        19        19        19        19        19        29        44        19
 Y MAXIMUM   2.136E+04 1.698E+04 2.462E+04 3.045E+07 1.806E+07 2.590E+07 2.136E+04 1.698E+04 2.462E+04 3.045E+07 1.313E+07 3.396E+07
 Z                 14        14        19        14        19        19        14        14        19        14        34        19
 Z MAXIMUM   4.658E+04 4.113E+04 2.928E+04 5.406E+07 2.148E+07 3.081E+07 4.658E+04 4.113E+04 2.928E+04 5.406E+07 1.204E+07 4.040E+07
 GRAND TOTAL 9.453E+04 8.817E+04 9.853E+04 1.352E+08 7.425E+07 9.423E+07 9.453E+04 8.817E+04 9.853E+04 1.352E+08 4.172E+07 1.154E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  34)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 19        19        19        29        19        19        19        29        19        29        29        19
 X MAXIMUM   5.580E+04 6.680E+04 5.987E+04 8.907E+07 4.393E+07 8.044E+07 8.669E+04 1.179E+04 5.987E+04 7.623E+07 2.574E+07 1.244E+08
 Y                 19        19        19        29        19        19        19         7        19        29        29        19
 Y MAXIMUM   2.103E+04 2.518E+04 2.257E+04 3.045E+07 1.656E+07 3.033E+07 3.268E+04 2.227E+04 2.257E+04 2.606E+07 8.799E+06 4.689E+07
 Z                 14        14        19        14        19        19        14         7        19        14        14        19
 Z MAXIMUM   5.029E+04 4.324E+04 2.685E+04 5.406E+07 1.970E+07 3.607E+07 6.613E+04 2.788E+04 2.685E+04 2.668E+07 5.232E+07 5.577E+07
 GRAND TOTAL 1.011E+05 1.150E+05 8.592E+04 1.352E+08 6.219E+07 1.058E+08 1.452E+05 4.852E+04 8.592E+04 1.055E+08 6.957E+07 1.690E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  34)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        29        19
 X MAXIMUM   6.680E+04 5.580E+04 5.987E+04 5.267E+07 3.115E+07 9.609E+07
 Y                 19        19        19        29        29         7
 Y MAXIMUM   2.518E+04 2.103E+04 2.257E+04 1.800E+07 1.065E+07 4.562E+07
 Z                 14        14        19         7        14         7
 Z MAXIMUM   4.324E+04 5.029E+04 2.685E+04 2.122E+07 6.019E+07 5.712E+07
 GRAND TOTAL 1.150E+05 1.011E+05 8.592E+04 9.252E+07 8.363E+07 1.493E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  35)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        29        19        19        19        19        29        19        19
 X MAXIMUM   6.693E+04 5.683E+04 6.579E+04 5.267E+07 3.115E+07 9.609E+07 6.693E+04 5.683E+04 6.579E+04 5.267E+07 4.947E+07 7.716E+07
 Y                 19        19        19        29        29         7        19        19        19        29        19         7
 Y MAXIMUM   2.523E+04 2.142E+04 2.480E+04 1.800E+07 1.065E+07 4.562E+07 2.523E+04 2.142E+04 2.480E+04 1.800E+07 1.865E+07 5.094E+07
 Z                 14        14        19         7        14         7        14        14        19         7        14         7
 Z MAXIMUM   4.332E+04 5.285E+04 2.950E+04 2.122E+07 6.019E+07 5.712E+07 4.332E+04 5.285E+04 2.950E+04 2.122E+07 6.223E+07 6.379E+07
 GRAND TOTAL 1.157E+05 1.069E+05 9.361E+04 9.252E+07 8.363E+07 1.493E+08 1.157E+05 1.069E+05 9.361E+04 9.252E+07 9.384E+07 1.384E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  36)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        19        19        19        19        19        19        19        19        29
 X MAXIMUM   5.539E+04 5.830E+04 8.529E+04 4.026E+07 6.340E+07 7.713E+07 5.539E+04 5.830E+04 8.529E+04 4.026E+07 1.237E+08 4.563E+07
 Y                 19        19        19         7        19         7        19        19        19         7        19         7
 Y MAXIMUM   2.088E+04 2.198E+04 3.215E+04 2.084E+07 2.390E+07 5.093E+07 2.088E+04 2.198E+04 3.215E+04 2.084E+07 4.662E+07 6.483E+07
 Z                 14        14        19        14        14         7        14        14        19        14        14         7
 Z MAXIMUM   4.771E+04 6.415E+04 3.825E+04 3.181E+07 6.745E+07 6.376E+07 4.771E+04 6.415E+04 3.825E+04 3.181E+07 7.589E+07 8.118E+07
 GRAND TOTAL 1.165E+05 1.289E+05 1.257E+05 9.176E+07 1.111E+08 1.383E+08 1.165E+05 1.289E+05 1.257E+05 9.176E+07 1.752E+08 1.520E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  37)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 82        29        47        29        47        29        82        29        47        29        47        29
 X MAXIMUM   1.867E+04 1.190E+04 1.728E+04 6.483E+03 2.103E+07 1.325E+07 1.867E+04 1.190E+04 1.728E+04 6.483E+03 1.347E+07 8.045E+06
 Y                 19        44        56        44        56        44        19        44        56        44        56        44
 Y MAXIMUM   6.562E+03 1.607E+04 7.879E+03 9.905E+03 9.605E+06 1.896E+07 6.562E+03 1.607E+04 7.879E+03 9.905E+03 6.159E+06 1.193E+07
 Z                 48        44        48        44        48        44        48        44        48        44        48        44
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 Z MAXIMUM   1.139E+04 1.286E+04 2.265E+04 7.926E+03 2.756E+07 1.517E+07 1.139E+04 1.286E+04 2.265E+04 7.926E+03 1.766E+07 9.545E+06
 GRAND TOTAL 3.950E+04 4.067E+04 4.825E+04 2.569E+04 5.872E+07 4.836E+07 3.950E+04 4.067E+04 4.825E+04 2.569E+04 3.769E+07 3.067E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  38)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  82        29        47        29        47        29        82        29        47        29        47        29
 X MAXIMUM   1.866E+04 1.190E+04 1.727E+04 2.236E+03 1.347E+07 8.045E+06 1.866E+04 1.190E+04 1.727E+04 2.236E+03 9.058E+06 5.004E+06
 Y                  19        44        56        44        56        44        19        44        56        44        56        44
 Y MAXIMUM   6.564E+03 1.607E+04 7.879E+03 3.607E+03 6.159E+06 1.193E+07 6.564E+03 1.607E+04 7.879E+03 3.607E+03 4.146E+06 7.822E+06
 Z                  48        44        48        44        48        44        48        44        48        44        48        44
 Z MAXIMUM   1.140E+04 1.286E+04 2.264E+04 2.886E+03 1.766E+07 9.545E+06 1.140E+04 1.286E+04 2.264E+04 2.886E+03 1.187E+07 6.259E+06
 GRAND TOTAL 3.951E+04 4.067E+04 4.824E+04 9.530E+03 3.769E+07 3.067E+07 3.951E+04 4.067E+04 4.824E+04 9.530E+03 2.546E+07 2.043E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  39)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  82        29        47        60        47        29        82        29        47        60        47        60
 X MAXIMUM   1.352E+04 8.607E+03 1.461E+04 3.250E+02 9.058E+06 5.004E+06 1.352E+04 8.607E+03 1.461E+04 3.250E+02 1.838E+06 8.265E+05
 Y                  19        44        56        44        56        44        19        44        56        44        56        44
 Y MAXIMUM   4.754E+03 1.288E+04 6.677E+03 5.727E+02 4.146E+06 7.822E+06 4.754E+03 1.288E+04 6.677E+03 5.727E+02 8.453E+05 1.457E+06
 Z                  48        44        48        44        48        44        48        44        48        44        48        44
 Z MAXIMUM   8.263E+03 1.030E+04 1.915E+04 4.583E+02 1.187E+07 6.259E+06 8.263E+03 1.030E+04 1.915E+04 4.583E+02 2.410E+06 1.165E+06
 GRAND TOTAL 2.863E+04 3.317E+04 4.087E+04 1.646E+03 2.546E+07 2.043E+07 2.863E+04 3.317E+04 4.087E+04 1.646E+03 5.371E+06 4.187E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  40)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  82        60        47        29        47        60        82        60        47        29        47        14
 X MAXIMUM   2.063E+03 1.447E+03 3.219E+03 2.619E-08 1.838E+06 8.265E+05 2.063E+03 1.447E+03 3.219E+03 2.619E-08 1.108E-07 8.133E-08
 Y                  19        44        56         7        56        44        19        44        56         7        19         8
 Y MAXIMUM   7.253E+02 2.550E+03 1.480E+03 1.791E-08 8.453E+05 1.457E+06 7.253E+02 2.550E+03 1.480E+03 1.791E-08 3.400E-08 8.284E-08
 Z                  48        44        48         7        48        44        48        44        48         7        14        14
 Z MAXIMUM   1.262E+03 2.041E+03 4.219E+03 2.301E-08 2.410E+06 1.165E+06 1.262E+03 2.041E+03 4.219E+03 2.301E-08 2.268E-07 3.690E-07
 GRAND TOTAL 4.370E+03 7.331E+03 9.404E+03 5.213E-08 5.371E+06 4.187E+06 4.370E+03 7.331E+03 9.404E+03 5.213E-08 3.216E-07 4.173E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  41)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        19        19        19        29        19        19        19        19        19        29
 X MAXIMUM   5.547E+04 5.873E+04 8.715E+04 4.025E+07 1.237E+08 4.563E+07 5.547E+04 5.873E+04 8.715E+04 4.025E+07 1.620E+08 6.917E+07
 Y                  19        19        19         7        19         7        19        19        19         7        19         7
 Y MAXIMUM   2.091E+04 2.214E+04 3.285E+04 2.083E+07 4.662E+07 6.483E+07 2.091E+04 2.214E+04 3.285E+04 2.083E+07 6.109E+07 7.363E+07
 Z                  14        14        19        14        14         7        14        14        19        14        14         7
 Z MAXIMUM   4.775E+04 6.499E+04 3.908E+04 3.180E+07 7.589E+07 8.118E+07 4.775E+04 6.499E+04 3.908E+04 3.180E+07 8.138E+07 9.219E+07
 GRAND TOTAL 1.172E+05 1.313E+05 1.293E+05 9.175E+07 1.752E+08 1.520E+08 1.172E+05 1.313E+05 1.293E+05 9.175E+07 2.253E+08 1.851E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  42)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        19        19        19        29        19        19        19        19        19        29
 X MAXIMUM   5.547E+04 5.911E+04 8.873E+04 4.026E+07 1.620E+08 6.920E+07 5.547E+04 5.911E+04 8.873E+04 4.026E+07 2.009E+08 9.314E+07
 Y                  19        19        19         7        19         7        19        19        19         7        19         7
 Y MAXIMUM   2.091E+04 2.228E+04 3.345E+04 2.089E+07 6.109E+07 7.361E+07 2.091E+04 2.228E+04 3.345E+04 2.089E+07 7.575E+07 8.246E+07
 Z                  14        14        19        14        14         7        14        14        19        14        19         7
 Z MAXIMUM   4.781E+04 6.569E+04 3.979E+04 3.186E+07 8.138E+07 9.217E+07 4.781E+04 6.569E+04 3.979E+04 3.186E+07 9.010E+07 1.032E+08
 GRAND TOTAL 1.182E+05 1.335E+05 1.323E+05 9.179E+07 2.253E+08 1.851E+08 1.182E+05 1.335E+05 1.323E+05 9.179E+07 2.788E+08 2.288E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  43)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        19        19        29        19        19        19        19        19        29
 X MAXIMUM   5.567E+04 5.938E+04 8.965E+04 4.028E+07 2.009E+08 9.309E+07 5.567E+04 5.938E+04 8.965E+04 4.028E+07 2.322E+08 1.124E+08
 Y                 19        19        19         7        19         7        19        19        19         7        19         7
 Y MAXIMUM   2.099E+04 2.239E+04 3.380E+04 2.077E+07 7.575E+07 8.249E+07 2.099E+04 2.239E+04 3.380E+04 2.077E+07 8.755E+07 8.958E+07
 Z                 14        14        19        14        19         7        14        14        19        14        19        14
 Z MAXIMUM   4.784E+04 6.616E+04 4.020E+04 3.171E+07 9.010E+07 1.033E+08 4.784E+04 6.616E+04 4.020E+04 3.171E+07 1.041E+08 1.243E+08
 GRAND TOTAL 1.194E+05 1.350E+05 1.342E+05 9.172E+07 2.788E+08 2.288E+08 1.194E+05 1.350E+05 1.342E+05 9.172E+07 3.232E+08 2.681E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  44)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        19        19        29        19        19        19        19        19        29
 X MAXIMUM   5.585E+04 5.962E+04 9.034E+04 4.032E+07 2.322E+08 1.124E+08 5.585E+04 5.962E+04 9.034E+04 4.032E+07 2.640E+08 1.320E+08
 Y                 19        19        19         7        19         7        19        19        19         7        19         7
 Y MAXIMUM   2.106E+04 2.248E+04 3.406E+04 2.069E+07 8.755E+07 8.960E+07 2.106E+04 2.248E+04 3.406E+04 2.069E+07 9.951E+07 9.678E+07
 Z                 14        14        19        14        19        14        14        14        19        14        19        14
 Z MAXIMUM   4.790E+04 6.651E+04 4.051E+04 3.160E+07 1.041E+08 1.243E+08 4.790E+04 6.651E+04 4.051E+04 3.160E+07 1.184E+08 1.477E+08
 GRAND TOTAL 1.213E+05 1.364E+05 1.357E+05 9.168E+07 3.232E+08 2.681E+08 1.213E+05 1.364E+05 1.357E+05 9.168E+07 3.689E+08 3.102E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  45)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        29        29        19        29        29        19        29        29
 X MAXIMUM   3.113E+04 1.368E+04 2.125E+04 7.326E+06 2.505E+07 1.526E+07 3.113E+04 1.368E+04 2.125E+04 7.326E+06 1.749E+07 1.039E+07
 Y                 19        29       119         2       119        29        19        29       119         2       119        29
 Y MAXIMUM   1.174E+04 4.676E+03 1.649E+04 1.037E+07 2.014E+07 5.216E+06 1.174E+04 4.676E+03 1.649E+04 1.037E+07 1.427E+07 3.552E+06
 Z                 19        14        57        14        14        14        19        14        57        14        14        14
 Z MAXIMUM   1.396E+04 2.245E+04 7.089E+03 2.015E+07 9.299E+06 3.587E+07 1.396E+04 2.245E+04 7.089E+03 2.015E+07 7.591E+06 2.788E+07
 GRAND TOTAL 4.939E+04 3.245E+04 3.868E+04 2.747E+07 5.043E+07 4.625E+07 4.939E+04 3.245E+04 3.868E+04 2.747E+07 3.715E+07 3.492E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  46)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        29        29        19        29        29        19        19        29
 X MAXIMUM   3.113E+04 1.368E+04 2.125E+04 7.326E+06 1.749E+07 1.039E+07 3.113E+04 1.368E+04 2.125E+04 7.326E+06 1.250E+07 5.342E+06
 Y                 19        29       119         2       119        29        19        29       119         2       119         7
 Y MAXIMUM   1.174E+04 4.676E+03 1.649E+04 1.037E+07 1.427E+07 3.552E+06 1.174E+04 4.676E+03 1.649E+04 1.037E+07 8.186E+06 1.838E+06
 Z                 19        14        57        14        14        14        19        14        57        14        14        14
 Z MAXIMUM   1.396E+04 2.245E+04 7.089E+03 2.015E+07 7.591E+06 2.788E+07 1.396E+04 2.245E+04 7.089E+03 2.015E+07 5.820E+06 1.959E+07
 GRAND TOTAL 4.939E+04 3.245E+04 3.868E+04 2.747E+07 3.715E+07 3.492E+07 4.939E+04 3.245E+04 3.868E+04 2.747E+07 2.397E+07 2.341E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  47)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        19        29        19        29        29        19        19        14
 X MAXIMUM   2.898E+04 1.355E+04 2.048E+04 7.326E+06 1.250E+07 5.342E+06 2.898E+04 1.355E+04 2.048E+04 7.326E+06 1.003E+07 2.893E+06
 Y                 19        29       119         2       119         7        19        29       119         2        19         8
 Y MAXIMUM   1.092E+04 4.633E+03 1.614E+04 1.037E+07 8.186E+06 1.838E+06 1.092E+04 4.633E+03 1.614E+04 1.037E+07 3.781E+06 1.306E+06
 Z                 19        14        57        14        14        14        19        14        57        14        19        14
 Z MAXIMUM   1.299E+04 2.071E+04 6.804E+03 2.015E+07 5.820E+06 1.959E+07 1.299E+04 2.071E+04 6.804E+03 2.015E+07 4.497E+06 1.354E+07
 GRAND TOTAL 4.622E+04 3.088E+04 3.764E+04 2.747E+07 2.397E+07 2.341E+07 4.622E+04 3.088E+04 3.764E+04 2.747E+07 1.518E+07 1.535E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  48)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        29        29        29        19        29        29        29        29        29
 X MAXIMUM   2.120E+04 8.974E+03 1.284E+04 8.982E+05 8.151E+06 4.476E+06 2.120E+04 8.974E+03 1.284E+04 8.982E+05 5.160E+06 2.385E+06
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 Y                 19        29       119       114       119        29        19        29       119       114       119        29
 Y MAXIMUM   7.991E+03 3.068E+03 1.165E+04 6.263E+05 5.103E+06 1.530E+06 7.991E+03 3.068E+03 1.165E+04 6.263E+05 2.389E+06 8.154E+05
 Z                 19        14        57        14        57        14        19        14        57        14        19        14
 Z MAXIMUM   9.506E+03 1.890E+04 4.367E+03 1.713E+06 2.027E+06 9.394E+06 9.506E+03 1.890E+04 4.367E+03 1.713E+06 1.383E+06 4.991E+06
 GRAND TOTAL 3.201E+04 2.445E+04 2.352E+04 2.889E+06 1.313E+07 1.217E+07 3.201E+04 2.445E+04 2.352E+04 2.889E+06 7.948E+06 6.470E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  49)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        29        29        29        19        29        29        29        19        19
 X MAXIMUM   2.073E+04 8.834E+03 1.259E+04 8.982E+05 5.160E+06 2.385E+06 2.073E+04 8.834E+03 1.259E+04 8.982E+05 2.046E+06 4.328E-07
 Y                 19        29       119       114       119        29        19        29       119       114        19         8
 Y MAXIMUM   7.815E+03 3.020E+03 1.145E+04 6.263E+05 2.389E+06 8.154E+05 7.815E+03 3.020E+03 1.145E+04 6.263E+05 7.712E+05 2.642E-07
 Z                 19        14        57        14        19        14        19        14        57        14        19        13
 Z MAXIMUM   9.295E+03 1.849E+04 4.280E+03 1.713E+06 1.383E+06 4.991E+06 9.295E+03 1.849E+04 4.280E+03 1.713E+06 9.173E+05 2.436E-07
 GRAND TOTAL 3.131E+04 2.396E+04 2.308E+04 2.889E+06 7.948E+06 6.470E+06 3.131E+04 2.396E+04 2.308E+04 2.889E+06 3.437E+06 8.077E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  50)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        19        29        19        29        19        29        19        29        19
 X MAXIMUM   2.871E+03 5.327E+03 2.339E+03 2.717E-11 8.982E+05 2.046E+06 2.871E+03 5.327E+03 2.339E+03 2.717E-11 1.475E-09 3.164E-09
 Y                119        19       114        29       114        19       119        19       114        29         8        19
 Y MAXIMUM   2.841E+03 2.008E+03 1.631E+03 2.515E-11 6.263E+05 7.712E+05 2.841E+03 2.008E+03 1.631E+03 2.515E-11 9.132E-10 1.069E-09
 Z                 57        19        14        14        14        19        57        19        14        14        14        19
 Z MAXIMUM   9.967E+02 2.389E+03 4.461E+03 1.544E-11 1.713E+06 9.173E+05 9.967E+02 2.389E+03 4.461E+03 1.544E-11 4.990E-10 1.358E-09
 GRAND TOTAL 5.510E+03 8.950E+03 7.524E+03 5.414E-11 2.889E+06 3.437E+06 5.510E+03 8.950E+03 7.524E+03 5.414E-11 2.609E-09 3.999E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  51)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        29        29        19        19        18        29        29        29        19        19
 X MAXIMUM   3.799E+03 3.010E+03 2.781E+03 3.092E+06 7.042E+06 6.034E+06 3.799E+03 3.010E+03 2.781E+03 3.092E+06 6.503E+06 5.420E+06
 Y                  2         2         2         2         2        19         2         2         2         2         2        19
 Y MAXIMUM   3.637E+03 1.316E+03 3.625E+03 1.280E+06 1.038E+07 2.275E+06 3.637E+03 1.316E+03 3.625E+03 1.280E+06 8.986E+06 2.043E+06
 Z                 14        14        14        14        14        14        14        14        14        14        14        14
 Z MAXIMUM   5.303E+03 3.181E+03 6.089E+03 4.150E+06 1.843E+07 4.135E+06 5.303E+03 3.181E+03 6.089E+03 4.150E+06 1.610E+07 2.913E+06
 GRAND TOTAL 1.240E+04 6.124E+03 9.886E+03 6.387E+06 2.631E+07 1.114E+07 1.240E+04 6.124E+03 9.886E+03 6.387E+06 2.274E+07 9.417E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  52)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        19        29        29        19        19        18        19        29        29        19        29
 X MAXIMUM   3.730E+03 3.943E+03 2.324E+03 3.092E+06 6.503E+06 5.420E+06 3.730E+03 3.943E+03 2.324E+03 3.092E+06 4.125E+06 1.513E+06
 Y                  2        19         2         2         2        19         2        19         2         2         2         2
 Y MAXIMUM   3.624E+03 1.486E+03 3.585E+03 1.280E+06 8.986E+06 2.043E+06 3.624E+03 1.486E+03 3.585E+03 1.280E+06 4.246E+06 1.926E+06
 Z                 14        14        14        14        14        14        14        14        14        14        14        11
 Z MAXIMUM   5.361E+03 3.645E+03 8.164E+03 4.150E+06 1.610E+07 2.913E+06 5.361E+03 3.645E+03 8.164E+03 4.150E+06 5.304E+06 2.833E+06
 GRAND TOTAL 1.169E+04 7.094E+03 1.109E+04 6.387E+06 2.274E+07 9.417E+06 1.169E+04 7.094E+03 1.109E+04 6.387E+06 9.337E+06 5.501E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  53)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        19        19        29        19        29        18        19        19        29        14        19
 X MAXIMUM   3.662E+03 5.280E+03 2.241E+03 3.092E+06 4.125E+06 1.513E+06 3.662E+03 5.280E+03 2.241E+03 3.092E+06 1.532E+06 6.773E+06
 Y                  2        19         2         2         2         2         2        19         2         2         8         2
 Y MAXIMUM   3.611E+03 1.991E+03 3.404E+03 1.280E+06 4.246E+06 1.926E+06 3.611E+03 1.991E+03 3.404E+03 1.280E+06 9.414E+05 3.631E+06
 Z                 14        14        14        14        14        11        14        14        14        14        14        14
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 Z MAXIMUM   5.415E+03 3.909E+03 9.437E+03 4.150E+06 5.304E+06 2.833E+06 5.415E+03 3.909E+03 9.437E+03 4.150E+06 7.171E+06 7.072E+06
 GRAND TOTAL 1.127E+04 8.359E+03 1.154E+04 6.387E+06 9.337E+06 5.501E+06 1.127E+04 8.359E+03 1.154E+04 6.387E+06 8.923E+06 1.311E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  54)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        19        19        29        14        19        18        19        19        29        14        19
 X MAXIMUM   3.627E+03 5.475E+03 2.398E+03 3.092E+06 1.532E+06 6.773E+06 3.627E+03 5.475E+03 2.398E+03 3.092E+06 1.591E+06 6.932E+06
 Y                   2        19         2         2         8         2         2        19         2         2         8         2
 Y MAXIMUM   3.604E+03 2.064E+03 3.217E+03 1.280E+06 9.414E+05 3.631E+06 3.604E+03 2.064E+03 3.217E+03 1.280E+06 9.466E+05 3.669E+06
 Z                  14        14        14        14        14        14        14        14        14        14        14        14
 Z MAXIMUM   5.443E+03 3.983E+03 9.603E+03 4.150E+06 7.171E+06 7.072E+06 5.443E+03 3.983E+03 9.603E+03 4.150E+06 7.450E+06 7.188E+06
 GRAND TOTAL 1.117E+04 8.665E+03 1.151E+04 6.387E+06 8.923E+06 1.311E+07 1.117E+04 8.665E+03 1.151E+04 6.387E+06 9.188E+06 1.334E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  55)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  18        19        19        29        14        19        19        19        19        29        29        19
 X MAXIMUM   3.611E+03 5.562E+03 2.471E+03 3.092E+06 1.591E+06 6.932E+06 6.113E+03 1.752E+03 2.471E+03 2.821E+06 1.365E+06 8.086E+06
 Y                   2        19         2         2         8         2         2         2         2         2        36         2
 Y MAXIMUM   3.601E+03 2.097E+03 3.128E+03 1.280E+06 9.466E+05 3.669E+06 3.458E+03 1.635E+03 3.128E+03 1.500E+06 1.251E+06 3.614E+06
 Z                  14        14        14        14        14        14        14        11        14        14        14        14
 Z MAXIMUM   5.455E+03 4.017E+03 9.676E+03 4.150E+06 7.450E+06 7.188E+06 6.698E+03 2.388E+03 9.676E+03 9.282E+06 4.940E+06 7.661E+06
 GRAND TOTAL 1.116E+04 8.822E+03 1.162E+04 6.387E+06 9.188E+06 1.334E+07 1.312E+04 5.498E+03 1.162E+04 1.134E+07 6.345E+06 1.441E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  55)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        18        19        14        29        19
 X MAXIMUM   5.562E+03 3.611E+03 2.471E+03 2.378E+06 2.641E+06 7.875E+06
 Y                  19         2         2         2        29        19
 Y MAXIMUM   2.097E+03 3.601E+03 3.128E+03 1.540E+06 9.026E+05 2.969E+06
 Z                  14        14        14        14        11        14
 Z MAXIMUM   4.017E+03 5.455E+03 9.676E+03 1.114E+07 8.922E+05 6.640E+06
 GRAND TOTAL 8.822E+03 1.116E+04 1.162E+04 1.293E+07 4.202E+06 1.286E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  56)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        18        14        19        29        19        19        18        14        19        29
 X MAXIMUM   5.608E+03 2.505E+03 3.597E+03 2.378E+06 7.875E+06 2.641E+06 5.608E+03 2.505E+03 3.597E+03 2.378E+06 7.787E+06 2.611E+06
 Y                  19         2         2         2        19        29        19         2         2         2        19        29
 Y MAXIMUM   2.114E+03 3.024E+03 3.592E+03 1.540E+06 2.969E+06 9.026E+05 2.114E+03 3.024E+03 3.592E+03 1.540E+06 2.935E+06 8.925E+05
 Z                  14        14        14        14        14        11        14        14        14        14        14        11
 Z MAXIMUM   4.064E+03 9.635E+03 5.444E+03 1.114E+07 6.640E+06 8.922E+05 4.064E+03 9.635E+03 5.444E+03 1.114E+07 6.482E+06 8.418E+05
 GRAND TOTAL 8.953E+03 1.166E+04 1.113E+04 1.293E+07 1.286E+07 4.202E+06 8.953E+03 1.166E+04 1.113E+04 1.293E+07 1.261E+07 4.183E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  57)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        18        14        19        29        19        19        18        14        19        19
 X MAXIMUM   5.674E+03 2.551E+03 3.578E+03 2.378E+06 7.787E+06 2.611E+06 5.674E+03 2.551E+03 3.578E+03 2.378E+06 5.178E+06 3.951E+06
 Y                  19         2         2         2        19        29        19         2         2         2        19         2
 Y MAXIMUM   2.139E+03 2.875E+03 3.579E+03 1.540E+06 2.935E+06 8.925E+05 2.139E+03 2.875E+03 3.579E+03 1.540E+06 1.952E+06 2.486E+06
 Z                  14        14        14        14        14        11        14        14        14        14        19        14
 Z MAXIMUM   4.132E+03 9.570E+03 5.423E+03 1.114E+07 6.482E+06 8.418E+05 4.132E+03 9.570E+03 5.423E+03 1.114E+07 2.322E+06 8.093E+06
 GRAND TOTAL 9.162E+03 1.183E+04 1.112E+04 1.293E+07 1.261E+07 4.183E+06 9.162E+03 1.183E+04 1.112E+04 1.293E+07 8.014E+06 1.098E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  58)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        79        18        14        19        19        19        79        18        14        18        19
 X MAXIMUM   5.800E+03 2.621E+03 3.536E+03 2.378E+06 5.178E+06 3.951E+06 5.800E+03 2.621E+03 3.536E+03 2.378E+06 5.047E+06 6.129E+06
 Y                 19         2         2         2        19         2        19         2         2         2         2         2
 Y MAXIMUM   2.187E+03 2.568E+03 3.505E+03 1.540E+06 1.952E+06 2.486E+06 2.187E+03 2.568E+03 3.505E+03 1.540E+06 3.444E+06 4.708E+06
 Z                 14        14        14        14        19        14        14        14        14        14        11        14
 Z MAXIMUM   4.263E+03 9.056E+03 5.119E+03 1.114E+07 2.322E+06 8.093E+06 4.263E+03 9.056E+03 5.119E+03 1.114E+07 4.544E+06 1.593E+07
 GRAND TOTAL 9.633E+03 1.156E+04 1.077E+04 1.293E+07 8.014E+06 1.098E+07 9.633E+03 1.156E+04 1.077E+04 1.293E+07 1.223E+07 2.054E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  59)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        79        18        14        18        19        19        79        18        14        18        19
 X MAXIMUM   5.884E+03 2.664E+03 3.521E+03 2.378E+06 5.047E+06 6.129E+06 5.884E+03 2.664E+03 3.521E+03 2.378E+06 6.029E+06 6.813E+06
 Y                 19         2         2         2         2         2        19         2         2         2         2         2
 Y MAXIMUM   2.218E+03 2.357E+03 3.425E+03 1.540E+06 3.444E+06 4.708E+06 2.218E+03 2.357E+03 3.425E+03 1.540E+06 4.399E+06 5.365E+06
 Z                 14        14        14        14        11        14        14        14        14        14        11        14
 Z MAXIMUM   4.349E+03 8.514E+03 4.731E+03 1.114E+07 4.544E+06 1.593E+07 4.349E+03 8.514E+03 4.731E+03 1.114E+07 5.667E+06 1.830E+07
 GRAND TOTAL 9.988E+03 1.101E+04 1.034E+04 1.293E+07 1.223E+07 2.054E+07 9.988E+03 1.101E+04 1.034E+04 1.293E+07 1.454E+07 2.354E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  60)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        19        18        18        18        29        18        19        18        18        18        29
 X MAXIMUM   4.213E+03 3.936E+03 8.540E+03 1.179E+07 1.182E+07 1.028E+07 4.213E+03 3.936E+03 8.540E+03 1.179E+07 1.420E+07 9.451E+06
 Y                130         5         2         2         2         5       130         5         2         2         2         5
 Y MAXIMUM   3.101E+03 4.557E+03 3.458E+03 7.560E+06 1.520E+07 1.296E+07 3.101E+03 4.557E+03 3.458E+03 7.560E+06 1.423E+07 1.169E+07
 Z                 14        14        14        30        14        14        14        14        14        30        14        14
 Z MAXIMUM   1.383E+04 1.124E+04 1.464E+04 8.447E+06 1.433E+07 3.096E+07 1.383E+04 1.124E+04 1.464E+04 8.447E+06 1.024E+07 2.782E+07
 GRAND TOTAL 1.961E+04 1.569E+04 2.263E+04 2.495E+07 3.072E+07 4.297E+07 1.961E+04 1.569E+04 2.263E+04 2.495E+07 2.976E+07 3.880E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  61)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        18        18        18        29        18        29        18        18        18        29
 X MAXIMUM   3.953E+03 4.218E+03 5.024E+03 5.763E+06 1.012E+07 9.033E+06 3.953E+03 4.218E+03 5.024E+03 5.763E+06 8.721E+06 1.021E+07
 Y                130         5        11         2         2         5       130         5        11         2         2         5
 Y MAXIMUM   2.226E+03 4.846E+03 2.670E+03 3.160E+06 1.366E+07 1.501E+07 2.226E+03 4.846E+03 2.670E+03 3.160E+06 1.370E+07 1.636E+07
 Z                 14        14        14        30         2        14        14        14        14        30        14        14
 Z MAXIMUM   6.145E+03 1.571E+04 1.874E+04 3.941E+06 4.448E+06 1.265E+07 6.145E+03 1.571E+04 1.874E+04 3.941E+06 8.420E+06 1.704E+07
 GRAND TOTAL 1.323E+04 2.083E+04 2.487E+04 1.250E+07 2.393E+07 3.004E+07 1.323E+04 2.083E+04 2.487E+04 1.250E+07 2.469E+07 3.424E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  62)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        18        18        18        29        18        29        18        18        18        29
 X MAXIMUM   3.760E+03 4.341E+03 5.023E+03 5.763E+06 8.721E+06 1.021E+07 3.760E+03 4.341E+03 5.023E+03 5.763E+06 8.033E+06 1.080E+07
 Y                130         5        11         2         2         5       130         5        11         2         2         5
 Y MAXIMUM   2.279E+03 4.859E+03 2.597E+03 3.160E+06 1.370E+07 1.636E+07 2.279E+03 4.859E+03 2.597E+03 3.160E+06 1.374E+07 1.703E+07
 Z                 14        14        14        30        14        14        14        14        14        30        14        14
 Z MAXIMUM   6.656E+03 1.582E+04 1.832E+04 3.941E+06 8.420E+06 1.704E+07 6.656E+03 1.582E+04 1.832E+04 3.941E+06 1.093E+07 1.920E+07
 GRAND TOTAL 1.359E+04 2.119E+04 2.436E+04 1.250E+07 2.469E+07 3.424E+07 1.359E+04 2.119E+04 2.436E+04 1.250E+07 2.570E+07 3.650E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  63)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        18        18        18        29        18        29        18        18        18        29
 X MAXIMUM   3.220E+03 9.955E+03 5.011E+03 5.763E+06 8.033E+06 1.080E+07 3.220E+03 9.955E+03 5.011E+03 5.763E+06 7.346E+06 9.441E+06
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 Y                 130        36        11         2         2         5       130        36        11         2         2         5
 Y MAXIMUM   2.425E+03 1.034E+04 2.386E+03 3.160E+06 1.374E+07 1.703E+07 2.425E+03 1.034E+04 2.386E+03 3.160E+06 1.381E+07 1.652E+07
 Z                  14        36        14        30        14        14        14        36        14        30        14        14
 Z MAXIMUM   8.083E+03 8.946E+03 1.712E+04 3.941E+06 1.093E+07 1.920E+07 8.083E+03 8.946E+03 1.712E+04 3.941E+06 1.328E+07 1.804E+07
 GRAND TOTAL 1.469E+04 2.574E+04 2.292E+04 1.250E+07 2.570E+07 3.650E+07 1.469E+04 2.574E+04 2.292E+04 1.250E+07 2.695E+07 3.396E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  64)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        18        18        18        29        18        29        18        18        18        29
 X MAXIMUM   3.027E+03 9.799E+03 5.003E+03 5.763E+06 7.346E+06 9.441E+06 3.027E+03 9.799E+03 5.003E+03 5.763E+06 5.950E+06 6.707E+06
 Y                 130        36        11         2         2         5       130        36        11         2         2         5
 Y MAXIMUM   2.477E+03 1.009E+04 2.308E+03 3.160E+06 1.381E+07 1.652E+07 2.477E+03 1.009E+04 2.308E+03 3.160E+06 1.398E+07 1.548E+07
 Z                  14        36        14        30        14        14        14        36        14        30        14        14
 Z MAXIMUM   8.594E+03 8.732E+03 1.668E+04 3.941E+06 1.328E+07 1.804E+07 8.594E+03 8.732E+03 1.668E+04 3.941E+06 1.793E+07 1.571E+07
 GRAND TOTAL 1.513E+04 2.530E+04 2.241E+04 1.250E+07 2.695E+07 3.396E+07 1.513E+04 2.530E+04 2.241E+04 1.250E+07 3.023E+07 2.949E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  65)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        19        19        18        29        19        29        19        19        18        29
 X MAXIMUM   2.886E+03 5.888E+03 9.807E+03 4.409E+06 4.783E+06 4.785E+06 2.886E+03 5.888E+03 9.807E+03 4.409E+06 4.129E+06 3.142E+06
 Y                  71        36         2         2         2         5        71        36         2         2         2         5
 Y MAXIMUM   1.582E+03 8.460E+03 7.082E+03 9.224E+06 1.349E+07 1.854E+07 1.582E+03 8.460E+03 7.082E+03 9.224E+06 1.151E+07 1.752E+07
 Z                  11        36        14        11        14        36        11        36        14        11        14        36
 Z MAXIMUM   6.216E+03 7.321E+03 2.188E+04 8.907E+06 8.374E+06 8.316E+06 6.216E+03 7.321E+03 2.188E+04 8.907E+06 1.448E+07 6.273E+06
 GRAND TOTAL 1.223E+04 1.687E+04 3.313E+04 1.902E+07 2.339E+07 2.556E+07 1.223E+04 1.687E+04 3.313E+04 1.902E+07 2.645E+07 2.206E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  66)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        19        19        18        29        19        29        19        19        11        82
 X MAXIMUM   2.804E+03 5.584E+03 9.566E+03 4.409E+06 4.129E+06 3.142E+06 2.804E+03 5.584E+03 9.566E+03 4.409E+06 5.351E+06 2.244E+06
 Y                 130        36         2         2         2         5       130        36         2         2         2         5
 Y MAXIMUM   1.607E+03 7.969E+03 6.912E+03 9.224E+06 1.151E+07 1.752E+07 1.607E+03 7.969E+03 6.912E+03 9.224E+06 9.742E+06 1.661E+07
 Z                  11        36        14        11        14        36        11        36        14        11        14        36
 Z MAXIMUM   6.458E+03 6.896E+03 2.125E+04 8.907E+06 1.448E+07 6.273E+06 6.458E+03 6.896E+03 2.125E+04 8.907E+06 1.992E+07 4.508E+06
 GRAND TOTAL 1.253E+04 1.609E+04 3.225E+04 1.902E+07 2.645E+07 2.206E+07 1.253E+04 1.609E+04 3.225E+04 1.902E+07 3.127E+07 1.938E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  67)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        19        19        11        82        19        29        19        19        11        17
 X MAXIMUM   2.723E+03 5.231E+03 9.299E+03 4.409E+06 5.351E+06 2.244E+06 2.723E+03 5.231E+03 9.299E+03 4.409E+06 6.712E+06 1.726E+06
 Y                 130        36         2         2         2         5       130        36         2         2         2         5
 Y MAXIMUM   1.673E+03 7.391E+03 6.724E+03 9.224E+06 9.742E+06 1.661E+07 1.673E+03 7.391E+03 6.724E+03 9.224E+06 7.866E+06 1.563E+07
 Z                  11        36        14        11        14        36        11        36        14        11        14        36
 Z MAXIMUM   6.701E+03 6.396E+03 2.061E+04 8.907E+06 1.992E+07 4.508E+06 6.701E+03 6.396E+03 2.061E+04 8.907E+06 2.567E+07 2.723E+06
 GRAND TOTAL 1.287E+04 1.520E+04 3.130E+04 1.902E+07 3.127E+07 1.938E+07 1.287E+04 1.520E+04 3.130E+04 1.902E+07 3.766E+07 1.719E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  68)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        19        11        19        29        18        29        19        11        19        29
 X MAXIMUM   8.557E+02 1.817E+03 1.211E+03 9.419E-09 7.879E+05 1.211E+06 8.557E+02 1.817E+03 1.211E+03 9.419E-09 4.502E+05 7.044E+05
 Y                   2        36         2         3         2        36         2        36         2         3         2        36
 Y MAXIMUM   8.165E+02 3.091E+03 8.794E+02 1.702E-08 5.762E+05 2.075E+06 8.165E+02 3.091E+03 8.794E+02 1.702E-08 3.309E+05 1.212E+06
 Z                  14        36        14        14        14        36        14        36        14        14        14        36
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 Z MAXIMUM   2.262E+03 2.675E+03 2.390E+03 4.847E-08 1.485E+06 1.796E+06 2.262E+03 2.675E+03 2.390E+03 4.847E-08 8.176E+05 1.049E+06
 GRAND TOTAL 3.019E+03 6.089E+03 4.173E+03 6.440E-08 2.731E+06 4.132E+06 3.019E+03 6.089E+03 4.173E+03 6.440E-08 1.576E+06 2.438E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  69)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        19        19        19        29        18        29        19        19        17        17
 X MAXIMUM   3.631E+02 9.007E+02 5.757E+02 1.731E-09 4.502E+05 7.044E+05 3.631E+02 9.007E+02 5.757E+02 1.731E-09 7.050E-08 4.233E-08
 Y                   2        36         2         2         2        36         2        36         2         2         2         5
 Y MAXIMUM   3.464E+02 1.550E+03 4.231E+02 1.419E-09 3.309E+05 1.212E+06 3.464E+02 1.550E+03 4.231E+02 1.419E-09 1.724E-07 5.290E-08
 Z                  14        36        14        11        14        36        14        36        14        11        14        14
 Z MAXIMUM   9.598E+02 1.342E+03 1.046E+03 1.217E-09 8.176E+05 1.049E+06 9.598E+02 1.342E+03 1.046E+03 1.217E-09 1.704E-07 1.095E-07
 GRAND TOTAL 1.281E+03 3.117E+03 2.016E+03 3.647E-09 1.576E+06 2.438E+06 1.281E+03 3.117E+03 2.016E+03 3.647E-09 3.503E-07 1.832E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  70)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        82        19        14        19        19        19        82        19        14        19        19
 X MAXIMUM   6.504E+03 2.373E+03 8.198E+03 2.041E+06 8.432E+06 6.574E+06 6.504E+03 2.373E+03 8.198E+03 2.041E+06 6.145E+06 5.942E+06
 Y                  19        67         2        36         2         2        19        67         2        36         2         2
 Y MAXIMUM   2.452E+03 1.976E+03 7.891E+03 1.549E+06 1.238E+07 3.762E+06 2.452E+03 1.976E+03 7.891E+03 1.549E+06 1.018E+07 3.334E+06
 Z                  14        14        11        14        11        14        14        14        11        14        11        14
 Z MAXIMUM   4.937E+03 7.470E+03 6.857E+03 9.554E+06 1.124E+07 1.573E+07 4.937E+03 7.470E+03 6.857E+03 9.554E+06 9.331E+06 1.364E+07
 GRAND TOTAL 1.164E+04 1.024E+04 1.797E+04 1.118E+07 2.529E+07 2.154E+07 1.164E+04 1.024E+04 1.797E+04 1.118E+07 2.042E+07 1.878E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  71)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        82        19        14        19        19        19        82        19        14        30        19
 X MAXIMUM   6.427E+03 2.380E+03 8.358E+03 2.041E+06 6.145E+06 5.942E+06 6.427E+03 2.380E+03 8.358E+03 2.041E+06 1.612E+06 3.918E+06
 Y                  19        67         2        36         2         2        19        67         2        36         2         5
 Y MAXIMUM   2.423E+03 1.954E+03 8.015E+03 1.549E+06 1.018E+07 3.334E+06 2.423E+03 1.954E+03 8.015E+03 1.549E+06 3.218E+06 2.048E+06
 Z                  14        14        11        14        11        14        14        14        11        14        11        14
 Z MAXIMUM   4.720E+03 8.002E+03 7.211E+03 9.554E+06 9.331E+06 1.364E+07 4.720E+03 8.002E+03 7.211E+03 9.554E+06 3.064E+06 6.690E+06
 GRAND TOTAL 1.121E+04 1.072E+04 1.849E+04 1.118E+07 2.042E+07 1.878E+07 1.121E+04 1.072E+04 1.849E+04 1.118E+07 6.602E+06 1.004E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  72)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        19        14        30        19        19        19        19        14        19        29
 X MAXIMUM   6.309E+03 2.352E+03 8.411E+03 2.041E+06 1.612E+06 3.918E+06 6.309E+03 2.352E+03 8.411E+03 2.041E+06 8.427E+06 2.309E+06
 Y                  19         2         2        36         2         5        19         2         2        36         2        36
 Y MAXIMUM   2.378E+03 2.058E+03 8.136E+03 1.549E+06 3.218E+06 2.048E+06 2.378E+03 2.058E+03 8.136E+03 1.549E+06 3.852E+06 1.263E+06
 Z                  14        14        11        14        11        14        14        14        11        14        14        36
 Z MAXIMUM   4.392E+03 8.458E+03 7.544E+03 9.554E+06 3.064E+06 6.690E+06 4.392E+03 8.458E+03 7.544E+03 9.554E+06 6.408E+06 1.093E+06
 GRAND TOTAL 1.064E+04 1.074E+04 1.878E+04 1.118E+07 6.602E+06 1.004E+07 1.064E+04 1.074E+04 1.878E+04 1.118E+07 1.389E+07 4.469E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  73)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        19        19        14        19        29        19        19        19        14        19        29
 X MAXIMUM   6.248E+03 2.297E+03 8.348E+03 2.041E+06 8.427E+06 2.309E+06 6.248E+03 2.297E+03 8.348E+03 2.041E+06 8.669E+06 2.329E+06
 Y                  19         2         2        36         2        36        19         2         2        36         2        36
 Y MAXIMUM   2.355E+03 2.210E+03 8.159E+03 1.549E+06 3.852E+06 1.263E+06 2.355E+03 2.210E+03 8.159E+03 1.549E+06 4.089E+06 1.260E+06
 Z                  14        14        11        14        14        36        14        14        11        14        14        36
 Z MAXIMUM   4.222E+03 8.478E+03 7.599E+03 9.554E+06 6.408E+06 1.093E+06 4.222E+03 8.478E+03 7.599E+03 9.554E+06 6.608E+06 1.090E+06
 GRAND TOTAL 1.039E+04 1.037E+04 1.868E+04 1.118E+07 1.389E+07 4.469E+06 1.039E+04 1.037E+04 1.868E+04 1.118E+07 1.438E+07 4.498E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  74)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 19        19        19        14        29        19        19        19        19        29        29        19
 X MAXIMUM   6.205E+03 8.302E+03 2.257E+03 2.041E+06 2.329E+06 8.669E+06 1.026E+04 1.483E+03 2.257E+03 2.630E+06 1.004E+06 1.021E+07
 Y                 19         2         2        36        36         2         2         2         2         8        36         2
 Y MAXIMUM   2.339E+03 8.174E+03 2.317E+03 1.549E+06 1.260E+06 4.089E+06 7.397E+03 4.163E+03 2.317E+03 1.216E+06 1.883E+06 6.036E+06
 Z                 14        11        14        14        36        14        14        11        14        14        14        14
 Z MAXIMUM   4.104E+03 7.634E+03 8.487E+03 9.554E+06 1.090E+06 6.608E+06 7.801E+03 4.320E+03 8.487E+03 8.344E+06 3.828E+06 8.017E+06
 GRAND TOTAL 1.023E+04 1.861E+04 1.021E+04 1.118E+07 4.498E+06 1.438E+07 1.959E+04 8.199E+03 1.021E+04 1.016E+07 5.710E+06 1.803E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  74)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        19        19
 X MAXIMUM   8.302E+03 6.205E+03 2.257E+03 2.670E+06 1.368E+06 9.468E+06
 Y                  2        19         2        36        36         2
 Y MAXIMUM   8.174E+03 2.339E+03 2.317E+03 1.114E+06 1.403E+06 6.332E+06
 Z                 11        14        14        14        14        14
 Z MAXIMUM   7.634E+03 4.104E+03 8.487E+03 4.140E+06 6.320E+06 7.685E+06
 GRAND TOTAL 1.861E+04 1.023E+04 1.021E+04 6.292E+06 8.208E+06 1.752E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  75)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        19        19        19        19        19        29        19        19
 X MAXIMUM   8.259E+03 6.142E+03 2.177E+03 2.670E+06 1.368E+06 9.468E+06 8.259E+03 6.142E+03 2.177E+03 2.670E+06 1.431E+06 9.290E+06
 Y                  2        19         2        36        36         2         2        19         2        36        36         2
 Y MAXIMUM   8.180E+03 2.315E+03 2.407E+03 1.114E+06 1.403E+06 6.332E+06 8.180E+03 2.315E+03 2.407E+03 1.114E+06 1.383E+06 6.265E+06
 Z                 11        14        14        14        14        14        11        14        14        14        14        14
 Z MAXIMUM   7.642E+03 4.004E+03 8.384E+03 4.140E+06 6.320E+06 7.685E+06 7.642E+03 4.004E+03 8.384E+03 4.140E+06 6.077E+06 7.568E+06
 GRAND TOTAL 1.852E+04 1.009E+04 1.000E+04 6.292E+06 8.208E+06 1.752E+07 1.852E+04 1.009E+04 1.000E+04 6.292E+06 8.005E+06 1.725E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  76)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        19        29        19        19        19        19        19        29        19        29
 X MAXIMUM   8.157E+03 5.986E+03 1.988E+03 2.670E+06 1.431E+06 9.290E+06 8.157E+03 5.986E+03 1.988E+03 2.670E+06 4.287E+06 1.785E+06
 Y                  2         2         2        36        36         2         2         2         2        36         2         2
 Y MAXIMUM   8.194E+03 2.297E+03 2.617E+03 1.114E+06 1.383E+06 6.265E+06 8.194E+03 2.297E+03 2.617E+03 1.114E+06 4.220E+06 2.964E+06
 Z                 11        14        14        14        14        14        11        14        14        14        14        11
 Z MAXIMUM   7.658E+03 3.772E+03 8.135E+03 4.140E+06 6.077E+06 7.568E+06 7.658E+03 3.772E+03 8.135E+03 4.140E+06 5.613E+06 3.808E+06
 GRAND TOTAL 1.838E+04 9.797E+03 9.982E+03 6.292E+06 8.005E+06 1.725E+07 1.838E+04 9.797E+03 9.982E+03 6.292E+06 9.678E+06 7.296E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  77)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        29        29        19        29        19        19        29        29        19        19
 X MAXIMUM   7.955E+03 4.718E+03 2.537E+03 2.670E+06 4.287E+06 1.785E+06 7.955E+03 4.718E+03 2.537E+03 2.670E+06 6.409E+06 6.092E+06
 Y                  2         2         2        36         2         2         2         2         2        36         2        19
 Y MAXIMUM   8.221E+03 2.329E+03 2.813E+03 1.114E+06 4.220E+06 2.964E+06 8.221E+03 2.329E+03 2.813E+03 1.114E+06 8.263E+06 2.296E+06
 Z                 11        14        14        14        14        11        11        14        14        14        14        19
 Z MAXIMUM   7.690E+03 3.247E+03 6.655E+03 4.140E+06 5.613E+06 3.808E+06 7.690E+03 3.247E+03 6.655E+03 4.140E+06 1.518E+07 2.732E+06
 GRAND TOTAL 1.836E+04 8.490E+03 9.728E+03 6.292E+06 9.678E+06 7.296E+06 1.836E+04 8.490E+03 9.728E+03 6.292E+06 2.213E+07 1.204E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  78)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        29        19        19        19        29        29        29        19        19
 X MAXIMUM   7.754E+03 3.633E+03 3.138E+03 2.670E+06 6.409E+06 6.092E+06 7.754E+03 3.633E+03 3.138E+03 2.670E+06 6.826E+06 7.043E+06
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 Y                  2         2         2        36         2        19         2         2         2        36         2        19
 Y MAXIMUM   8.247E+03 2.340E+03 2.851E+03 1.114E+06 8.263E+06 2.296E+06 8.247E+03 2.340E+03 2.851E+03 1.114E+06 9.358E+06 2.655E+06
 Z                 11        14        14        14        14        19        11        14        14        14        14        14
 Z MAXIMUM   7.719E+03 2.558E+03 4.482E+03 4.140E+06 1.518E+07 2.732E+06 7.719E+03 2.558E+03 4.482E+03 4.140E+06 1.690E+07 3.501E+06
 GRAND TOTAL 1.869E+04 7.229E+03 8.761E+03 6.292E+06 2.213E+07 1.204E+07 1.869E+04 7.229E+03 8.761E+03 6.292E+06 2.518E+07 1.420E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  79)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        29        29        29        19        29        29        29        29        29
 X MAXIMUM   1.926E+04 1.009E+04 1.430E+04 1.003E+06 8.273E+06 5.031E+06 1.926E+04 1.009E+04 1.430E+04 1.003E+06 4.942E+06 2.680E+06
 Y                 19        29       119       114       119        29        19        29       119       114       119        29
 Y MAXIMUM   7.262E+03 3.449E+03 1.710E+04 4.802E+05 7.484E+06 1.720E+06 7.262E+03 3.449E+03 1.710E+04 4.802E+05 3.499E+06 9.162E+05
 Z                 19        14        57        14        57        14        19        14        57        14        57        14
 Z MAXIMUM   8.638E+03 1.853E+04 5.156E+03 1.662E+06 2.573E+06 9.214E+06 8.638E+03 1.853E+04 5.156E+03 1.662E+06 1.372E+06 4.895E+06
 GRAND TOTAL 2.701E+04 2.446E+04 2.963E+04 2.756E+06 1.466E+07 1.218E+07 2.701E+04 2.446E+04 2.963E+04 2.756E+06 8.062E+06 6.475E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  80)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        19        14        19        29        29        19        19        29
 X MAXIMUM   2.533E+04 1.544E+04 2.049E+04 7.095E+06 8.972E+06 2.852E+06 2.533E+04 1.544E+04 2.049E+04 7.095E+06 1.107E+07 6.869E+06
 Y                 19        29       119         2       119         8        19        29       119         2       119        29
 Y MAXIMUM   9.548E+03 5.277E+03 2.433E+04 9.352E+06 5.268E+06 1.363E+06 9.548E+03 5.277E+03 2.433E+04 9.352E+06 1.237E+07 2.348E+06
 Z                 19        14        11        14        14        14        19        14        11        14        14        14
 Z MAXIMUM   1.136E+04 2.184E+04 8.140E+03 1.856E+07 4.110E+06 1.335E+07 1.136E+04 2.184E+04 8.140E+03 1.856E+07 6.202E+06 1.973E+07
 GRAND TOTAL 3.789E+04 3.231E+04 4.639E+04 2.621E+07 1.551E+07 1.528E+07 3.789E+04 3.231E+04 4.639E+04 2.621E+07 2.620E+07 2.395E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  81)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        29        29        29        19        29        29        29        19        19
 X MAXIMUM   1.884E+04 9.927E+03 1.401E+04 1.003E+06 4.942E+06 2.680E+06 1.884E+04 9.927E+03 1.401E+04 1.003E+06 1.847E+06 3.060E-07
 Y                 19        29       119       114       119        29        19        29       119       114       121         7
 Y MAXIMUM   7.101E+03 3.394E+03 1.681E+04 4.802E+05 3.499E+06 9.162E+05 7.101E+03 3.394E+03 1.681E+04 4.802E+05 1.199E+06 1.377E-07
 Z                 19        14        57        14        57        14        19        14        57        14        19        14
 Z MAXIMUM   8.447E+03 1.813E+04 5.053E+03 1.662E+06 1.372E+06 4.895E+06 8.447E+03 1.813E+04 5.053E+03 1.662E+06 8.283E+05 3.838E-07
 GRAND TOTAL 2.643E+04 2.398E+04 2.909E+04 2.756E+06 8.062E+06 6.475E+06 2.643E+04 2.398E+04 2.909E+04 2.756E+06 3.242E+06 6.925E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  82)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        19        29        29        29        19        29        19        29        29        19        19
 X MAXIMUM   3.196E+03 4.810E+03 2.612E+03 5.294E-11 1.003E+06 1.847E+06 3.196E+03 4.810E+03 2.612E+03 5.294E-11 1.015E-09 4.090E-09
 Y                119       121       114        29       114       121       119       121       114        29         8        19
 Y MAXIMUM   4.170E+03 3.123E+03 1.251E+03 2.436E-11 4.802E+05 1.199E+06 4.170E+03 3.123E+03 1.251E+03 2.436E-11 4.978E-10 1.122E-09
 Z                 57        19        14        14        14        19        57        19        14        14        14        19
 Z MAXIMUM   1.177E+03 2.157E+03 4.328E+03 3.734E-11 1.662E+06 8.283E+05 1.177E+03 2.157E+03 4.328E+03 3.734E-11 2.199E-09 1.371E-09
 GRAND TOTAL 7.009E+03 8.443E+03 7.178E+03 8.571E-11 2.756E+06 3.242E+06 7.009E+03 8.443E+03 7.178E+03 8.571E-11 3.169E-09 4.883E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  83)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        19        29        19        29        29        19        29        29
 X MAXIMUM   2.729E+04 1.564E+04 2.144E+04 7.095E+06 1.107E+07 6.869E+06 2.729E+04 1.564E+04 2.144E+04 7.095E+06 1.513E+07 1.264E+07
 Y                 19        29       119         2       119        29        19        29       119         2       119        29
 Y MAXIMUM   1.029E+04 5.348E+03 2.487E+04 9.352E+06 1.237E+07 2.348E+06 1.029E+04 5.348E+03 2.487E+04 9.352E+06 2.155E+07 4.321E+06
 Z                 19        14        57        14        14        14        19        14        57        14        14        14
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 Z MAXIMUM   1.224E+04 2.356E+04 8.333E+03 1.856E+07 6.202E+06 1.973E+07 1.224E+04 2.356E+04 8.333E+03 1.856E+07 8.844E+06 2.842E+07
 GRAND TOTAL 4.052E+04 3.388E+04 4.757E+04 2.621E+07 2.620E+07 2.395E+07 4.052E+04 3.388E+04 4.757E+04 2.621E+07 4.248E+07 3.611E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  84)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        29        19        29        29        19        29        29        19        29        29
 X MAXIMUM   2.729E+04 1.564E+04 2.144E+04 7.095E+06 1.513E+07 1.264E+07 2.729E+04 1.564E+04 2.144E+04 7.095E+06 2.277E+07 1.821E+07
 Y                  19        29       119         2       119        29        19        29       119         2       119        29
 Y MAXIMUM   1.029E+04 5.348E+03 2.487E+04 9.352E+06 2.155E+07 4.321E+06 1.029E+04 5.348E+03 2.487E+04 9.352E+06 3.041E+07 6.225E+06
 Z                  19        14        57        14        14        14        19        14        57        14        14        14
 Z MAXIMUM   1.224E+04 2.356E+04 8.333E+03 1.856E+07 8.844E+06 2.842E+07 1.224E+04 2.356E+04 8.333E+03 1.856E+07 1.139E+07 3.681E+07
 GRAND TOTAL 4.052E+04 3.388E+04 4.757E+04 2.621E+07 4.248E+07 3.611E+07 4.052E+04 3.388E+04 4.757E+04 2.621E+07 5.889E+07 4.800E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  85)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        17        82        11        19        19        29        17        82        11        19
 X MAXIMUM   7.718E+03 2.900E+03 3.157E+03 2.110E+06 7.105E+06 4.409E+06 7.718E+03 2.900E+03 3.157E+03 2.110E+06 6.377E+06 4.038E+06
 Y                   2        36       130         5         2         2         2        36       130         5         2         2
 Y MAXIMUM   5.581E+03 3.446E+03 1.978E+03 1.534E+07 7.290E+06 9.224E+06 5.581E+03 3.446E+03 1.978E+03 1.534E+07 6.783E+06 8.355E+06
 Z                  14        36        11        14        14        11        14        36        11        14        14        11
 Z MAXIMUM   1.738E+04 2.982E+03 7.841E+03 3.509E+06 2.715E+07 8.907E+06 1.738E+04 2.982E+03 7.841E+03 3.509E+06 2.538E+07 8.393E+06
 GRAND TOTAL 2.612E+04 9.814E+03 1.508E+04 1.668E+07 3.959E+07 1.902E+07 2.612E+04 9.814E+03 1.508E+04 1.668E+07 3.612E+07 1.809E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  86)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        82        17        82        11        19        19        82        17        82        11        19
 X MAXIMUM   7.590E+03 2.864E+03 3.202E+03 2.110E+06 6.377E+06 4.038E+06 7.590E+03 2.864E+03 3.202E+03 2.110E+06 5.637E+06 3.673E+06
 Y                   2        36       130         5         2         2         2        36       130         5         2         2
 Y MAXIMUM   5.490E+03 3.158E+03 1.990E+03 1.534E+07 6.783E+06 8.355E+06 5.490E+03 3.158E+03 1.990E+03 1.534E+07 6.251E+06 7.486E+06
 Z                  14        36        11        14        14        11        14        36        11        14        14        11
 Z MAXIMUM   1.709E+04 2.733E+03 7.952E+03 3.509E+06 2.538E+07 8.393E+06 1.709E+04 2.733E+03 7.952E+03 3.509E+06 2.353E+07 7.884E+06
 GRAND TOTAL 2.569E+04 9.548E+03 1.530E+04 1.668E+07 3.612E+07 1.809E+07 2.569E+04 9.548E+03 1.530E+04 1.668E+07 3.272E+07 1.750E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  87)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        82        17        82        11        19        19        82        17        82        11        19
 X MAXIMUM   7.436E+03 2.894E+03 3.253E+03 2.110E+06 5.637E+06 3.673E+06 7.436E+03 2.894E+03 3.253E+03 2.110E+06 4.581E+06 3.169E+06
 Y                   2         2        11         5         2         2         2         2        11         5         2         2
 Y MAXIMUM   5.381E+03 3.119E+03 2.010E+03 1.534E+07 6.251E+06 7.486E+06 5.381E+03 3.119E+03 2.010E+03 1.534E+07 5.463E+06 6.263E+06
 Z                  14        36        11        14        14        11        14        36        11        14        14        11
 Z MAXIMUM   1.674E+04 2.443E+03 8.085E+03 3.509E+06 2.353E+07 7.884E+06 1.674E+04 2.443E+03 8.085E+03 3.509E+06 2.079E+07 7.176E+06
 GRAND TOTAL 2.517E+04 9.242E+03 1.553E+04 1.668E+07 3.272E+07 1.750E+07 2.517E+04 9.242E+03 1.553E+04 1.668E+07 2.819E+07 1.727E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  88)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  72        29        19        19        19        29        72        29        19        19        19        72
 X MAXIMUM   1.757E+03 2.316E+03 2.150E+03 3.153E+05 1.176E+06 1.272E+06 1.757E+03 2.316E+03 2.150E+03 3.153E+05 8.293E-08 2.588E+05
 Y                  71        36         2         2         2        36        71        36         2         2         2        71
 Y MAXIMUM   1.061E+03 5.477E+03 1.749E+03 2.569E+05 9.568E+05 3.065E+06 1.061E+03 5.477E+03 1.749E+03 2.569E+05 1.223E-07 1.562E+05
 Z                  14        36        14        14        14        36        14        36        14        14        11        14
 Z MAXIMUM   3.776E+03 4.740E+03 3.675E+03 5.378E+05 2.010E+06 2.652E+06 3.776E+03 4.740E+03 3.675E+03 5.378E+05 1.400E-07 5.527E+05
 GRAND TOTAL 6.188E+03 9.858E+03 7.426E+03 1.093E+06 4.062E+06 5.450E+06 6.188E+03 9.858E+03 7.426E+03 1.093E+06 2.329E-07 9.107E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  89)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        72        19        18        19        72        29        72        19        18        11        17
 X MAXIMUM   2.126E+03 1.617E+03 1.971E+03 2.307E-09 3.153E+05 2.588E+05 2.126E+03 1.617E+03 1.971E+03 2.307E-09 6.593E-08 1.894E-08
 Y                 36        71         2         2         2        71        36        71         2         2         2         2
 Y MAXIMUM   5.029E+03 9.761E+02 1.605E+03 6.287E-09 2.569E+05 1.562E+05 5.029E+03 9.761E+02 1.605E+03 6.287E-09 4.060E-07 5.531E-08
 Z                 36        14        14         2        14        14        36        14        14         2        11        14
 Z MAXIMUM   4.352E+03 3.454E+03 3.361E+03 3.919E-09 5.378E+05 5.527E+05 4.352E+03 3.454E+03 3.361E+03 3.919E-09 1.393E-07 3.415E-08
 GRAND TOTAL 9.051E+03 5.692E+03 6.829E+03 9.729E-09 1.093E+06 9.107E+05 9.051E+03 5.692E+03 6.829E+03 9.729E-09 4.866E-07 9.380E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  90)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        36        17        29        11        19        19        36        17        29        14        19
 X MAXIMUM   4.979E+03 1.298E+03 3.881E+03 2.230E+06 5.157E+06 2.854E+06 4.979E+03 1.298E+03 3.881E+03 2.230E+06 3.919E+06 2.406E+06
 Y                  2        36         2         5         2         2         2        36         2         5         2         5
 Y MAXIMUM   3.414E+03 3.263E+03 3.218E+03 1.482E+07 4.506E+06 6.006E+06 3.414E+03 3.263E+03 3.218E+03 1.482E+07 3.245E+06 6.697E+06
 Z                 14        36        14        14        14        11        14        36        14        14        14        11
 Z MAXIMUM   1.237E+04 2.824E+03 1.136E+04 4.111E+06 2.280E+07 6.712E+06 1.237E+04 2.824E+03 1.136E+04 4.111E+06 1.835E+07 6.080E+06
 GRAND TOTAL 1.789E+04 8.248E+03 1.906E+04 1.650E+07 3.086E+07 1.658E+07 1.789E+04 8.248E+03 1.906E+04 1.650E+07 2.460E+07 1.516E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  91)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        36        17        29        14        19        19        36        17        29        33        19
 X MAXIMUM   4.799E+03 1.422E+03 3.927E+03 2.230E+06 3.919E+06 2.406E+06 4.799E+03 1.422E+03 3.927E+03 2.230E+06 3.296E+06 1.959E+06
 Y                  2        36         2         5         2         5         2        36         2         5         2         5
 Y MAXIMUM   3.286E+03 3.574E+03 3.290E+03 1.482E+07 3.245E+06 6.697E+06 3.286E+03 3.574E+03 3.290E+03 1.482E+07 1.955E+06 7.475E+06
 Z                 14        36        14        14        14        11        14        36        14        14        14        14
 Z MAXIMUM   1.196E+04 3.093E+03 1.166E+04 4.111E+06 1.835E+07 6.080E+06 1.196E+04 3.093E+03 1.166E+04 4.111E+06 1.378E+07 6.794E+06
 GRAND TOTAL 1.731E+04 8.539E+03 1.936E+04 1.650E+07 2.460E+07 1.516E+07 1.731E+04 8.539E+03 1.936E+04 1.650E+07 1.908E+07 1.429E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  92)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 72        82        19        19        19        82        72        82        19        19        19        72
 X MAXIMUM   2.676E+03 3.473E+03 2.075E+03 3.046E+05 1.135E+06 1.991E+06 2.676E+03 3.473E+03 2.075E+03 3.046E+05 3.271E-08 3.942E+05
 Y                130        36         2         2         2        36       130        36         2         2         2       130
 Y MAXIMUM   2.164E+03 4.067E+03 1.787E+03 2.625E+05 9.773E+05 2.297E+06 2.164E+03 4.067E+03 1.787E+03 2.625E+05 1.773E-07 3.185E+05
 Z                 14        36        14        14        14        36        14        36        14        14         2        14
 Z MAXIMUM   2.396E+03 3.519E+03 3.187E+03 4.667E+05 1.743E+06 1.988E+06 2.396E+03 3.519E+03 3.187E+03 4.667E+05 7.719E-08 3.505E+05
 GRAND TOTAL 6.766E+03 9.239E+03 6.491E+03 9.542E+05 3.550E+06 5.269E+06 6.766E+03 9.239E+03 6.491E+03 9.542E+05 2.269E-07 9.979E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  93)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 82        72        19         3        19        72        82        72        19         3        19        82
 X MAXIMUM   3.189E+03 2.464E+03 1.904E+03 1.694E-09 3.046E+05 3.942E+05 3.189E+03 2.464E+03 1.904E+03 1.694E-09 9.505E-08 3.550E-08
 Y                 36       130         2         3         2       130        36       130         2         3         2         5
 Y MAXIMUM   3.734E+03 1.991E+03 1.641E+03 4.789E-09 2.625E+05 3.185E+05 3.734E+03 1.991E+03 1.641E+03 4.789E-09 5.032E-08 6.839E-08
 Z                 36        14        14        11        14        14        36        14        14        11        14        14
 Z MAXIMUM   3.231E+03 2.190E+03 2.917E+03 3.503E-09 4.667E+05 3.505E+05 3.231E+03 2.190E+03 2.917E+03 3.503E-09 8.607E-08 6.486E-08
 GRAND TOTAL 8.483E+03 6.237E+03 5.964E+03 9.265E-09 9.542E+05 9.979E+05 8.483E+03 6.237E+03 5.964E+03 9.265E-09 1.776E-07 1.200E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  94)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        36        17        29        14        81        19        36        17        29        33        29
 X MAXIMUM   2.341E+03 3.252E+03 4.309E+03 2.992E+06 3.315E+06 1.783E+06 2.341E+03 3.252E+03 4.309E+03 2.992E+06 5.594E+06 2.487E+06
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 Y                  5        36         2         5        11         5         5        36         2         5        33         5
 Y MAXIMUM   1.315E+03 8.175E+03 3.919E+03 1.433E+07 2.304E+06 7.531E+06 1.315E+03 8.175E+03 3.919E+03 1.433E+07 2.926E+06 8.382E+06
 Z                 14        36        14        14        14        14        14        36        14        14        33        14
 Z MAXIMUM   7.909E+03 7.075E+03 1.454E+04 4.423E+06 1.552E+07 6.327E+06 7.909E+03 7.075E+03 1.454E+04 4.423E+06 9.636E+06 9.206E+06
 GRAND TOTAL 1.123E+04 1.508E+04 2.342E+04 1.712E+07 2.109E+07 1.368E+07 1.123E+04 1.508E+04 2.342E+04 1.712E+07 1.380E+07 1.452E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  95)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 33        17        72        29        33        29        33        17        72        29        33        29
 X MAXIMUM   2.420E+03 1.952E+03 2.427E+03 2.992E+06 5.594E+06 2.487E+06 2.420E+03 1.952E+03 2.427E+03 2.992E+06 5.579E+06 2.473E+06
 Y                  5         5         5         5        33         5         5         5         5         5        33         5
 Y MAXIMUM   1.530E+03 1.657E+04 5.008E+03 1.433E+07 2.926E+06 8.382E+06 1.530E+03 1.657E+04 5.008E+03 1.433E+07 2.918E+06 8.254E+06
 Z                 14        14        33        14        33        14        14        14        33        14        33        14
 Z MAXIMUM   5.586E+03 3.988E+03 3.512E+03 4.423E+06 9.636E+06 9.206E+06 5.586E+03 3.988E+03 3.512E+03 4.423E+06 9.609E+06 9.175E+06
 GRAND TOTAL 8.980E+03 1.800E+04 8.350E+03 1.712E+07 1.380E+07 1.452E+07 8.980E+03 1.800E+04 8.350E+03 1.712E+07 1.377E+07 1.441E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  96)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 33        72        17        29        29        33        72        33        17        29        29        33
 X MAXIMUM   2.459E+03 2.280E+03 1.947E+03 2.992E+06 2.473E+06 5.579E+06 2.183E+03 3.039E+03 1.947E+03 1.204E+06 3.334E+06 4.987E+06
 Y                  5         5         5         5         5        33         5         5         5         5         5        33
 Y MAXIMUM   1.552E+03 5.002E+03 1.655E+04 1.433E+07 8.254E+06 2.918E+06 4.098E+03 3.262E+03 1.655E+04 8.300E+06 1.134E+07 2.608E+06
 Z                 14        33        14        14        14        33        14        33        14        11        14        33
 Z MAXIMUM   5.345E+03 3.451E+03 3.969E+03 4.423E+06 9.175E+06 9.609E+06 4.257E+03 5.236E+03 3.969E+03 2.149E+06 9.223E+06 8.590E+06
 GRAND TOTAL 8.803E+03 8.166E+03 1.793E+04 1.712E+07 1.441E+07 1.377E+07 8.388E+03 8.591E+03 1.793E+04 9.981E+06 1.710E+07 1.247E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  96)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 72        33        17        14        29        33
 X MAXIMUM   2.520E+03 3.022E+03 1.947E+03 1.272E+06 3.040E+06 4.276E+06
 Y                  5        33         5         5         5        33
 Y MAXIMUM   5.223E+03 1.581E+03 1.655E+04 1.574E+06 1.050E+07 2.236E+06
 Z                 14        33        14        14        14        33
 Z MAXIMUM   1.694E+03 5.206E+03 3.969E+03 5.955E+06 6.075E+06 7.365E+06
 GRAND TOTAL 8.088E+03 8.874E+03 1.793E+04 8.029E+06 1.452E+07 1.070E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  97)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 72        17        33        14        33        29        72        17        33        14        33        29
 X MAXIMUM   2.387E+03 1.929E+03 3.011E+03 1.272E+06 4.276E+06 3.040E+06 2.387E+03 1.929E+03 3.011E+03 1.272E+06 4.244E+06 3.021E+06
 Y                  5         5        33         5        33         5         5         5        33         5        33         5
 Y MAXIMUM   5.226E+03 1.650E+04 1.575E+03 1.573E+06 2.236E+06 1.050E+07 5.226E+03 1.650E+04 1.575E+03 1.573E+06 2.220E+06 1.032E+07
 Z                 14        14        33        14        33        14        14        14        33        14        33        14
 Z MAXIMUM   1.612E+03 3.948E+03 5.187E+03 5.956E+06 7.365E+06 6.074E+06 1.612E+03 3.948E+03 5.187E+03 5.956E+06 7.310E+06 6.032E+06
 GRAND TOTAL 7.896E+03 1.782E+04 8.621E+03 8.030E+06 1.070E+07 1.452E+07 7.896E+03 1.782E+04 8.621E+03 8.030E+06 1.062E+07 1.435E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  98)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 72        17        33        14        33        29        72        17        33        14        33        29
 X MAXIMUM   2.211E+03 1.904E+03 2.994E+03 1.274E+06 4.244E+06 3.020E+06 2.211E+03 1.904E+03 2.994E+03 1.274E+06 2.449E+06 1.926E+06
 Y                  5         5        33         5        33         5         5         5        33         5         2        36
 Y MAXIMUM   5.231E+03 1.642E+04 1.566E+03 1.557E+06 2.220E+06 1.033E+07 5.231E+03 1.642E+04 1.566E+03 1.557E+06 1.644E+06 2.811E+06
 Z                 14        14        33        14        33        14        14        14        33        14        33        14
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 Z MAXIMUM   1.498E+03 3.921E+03 5.157E+03 5.965E+06 7.310E+06 6.023E+06 1.498E+03 3.921E+03 5.157E+03 5.965E+06 4.219E+06 3.673E+06
 GRAND TOTAL 7.665E+03 1.769E+04 8.307E+03 8.036E+06 1.062E+07 1.434E+07 7.665E+03 1.769E+04 8.307E+03 8.036E+06 6.261E+06 6.609E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER (  99)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  72        29        33        14        33        29        72        29        33        14        17        17
 X MAXIMUM   1.867E+03 1.802E+03 2.744E+03 1.273E+06 2.449E+06 1.928E+06 1.867E+03 1.802E+03 2.744E+03 1.273E+06 1.021E+06 1.963E+06
 Y                   5         5        33         5         2        36         5         5        33         5         2         5
 Y MAXIMUM   5.238E+03 1.606E+04 1.435E+03 1.557E+06 1.644E+06 2.812E+06 5.238E+03 1.606E+04 1.435E+03 1.557E+06 1.570E+06 9.152E+06
 Z                  14        14        33        14        33        14        14        14        33        14        33        14
 Z MAXIMUM   1.294E+03 3.825E+03 4.727E+03 5.959E+06 4.219E+06 3.682E+06 1.294E+03 3.825E+03 4.727E+03 5.959E+06 1.384E+06 1.387E+06
 GRAND TOTAL 7.281E+03 1.726E+04 7.193E+03 8.030E+06 6.261E+06 6.617E+06 7.281E+03 1.726E+04 7.193E+03 8.030E+06 3.596E+06 1.009E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 100)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  17        29        33        14        17        17        17        29        33        14        14        17
 X MAXIMUM   1.553E+03 1.761E+03 2.284E+03 1.273E+06 1.021E+06 1.962E+06 1.553E+03 1.761E+03 2.284E+03 1.273E+06 5.005E+05 2.823E+06
 Y                   5         5        33         5         2         5         5         5        33         5         2         5
 Y MAXIMUM   5.246E+03 1.554E+04 1.194E+03 1.570E+06 1.570E+06 9.150E+06 5.246E+03 1.554E+04 1.194E+03 1.570E+06 1.534E+06 1.731E+07
 Z                  14        14        33        14        33        14        14        14        33        14        14         5
 Z MAXIMUM   1.093E+03 3.685E+03 3.934E+03 5.961E+06 1.384E+06 1.379E+06 1.093E+03 3.685E+03 3.934E+03 5.961E+06 2.344E+06 1.266E+06
 GRAND TOTAL 7.015E+03 1.667E+04 5.712E+03 8.035E+06 3.596E+06 1.008E+07 7.015E+03 1.667E+04 5.712E+03 8.035E+06 3.784E+06 1.781E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 101)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  17        29        33        14        14        17        17        29        33        14        14        17
 X MAXIMUM   1.592E+03 1.731E+03 1.959E+03 1.273E+06 5.005E+05 2.825E+06 1.592E+03 1.731E+03 1.959E+03 1.273E+06 5.095E+05 2.867E+06
 Y                   5         5        33         5         2         5         5         5        33         5         2         5
 Y MAXIMUM   5.249E+03 1.520E+04 1.025E+03 1.538E+06 1.534E+06 1.731E+07 5.249E+03 1.520E+04 1.025E+03 1.538E+06 1.532E+06 1.773E+07
 Z                  14        14        33        14        14         5        14        14        33        14        14         5
 Z MAXIMUM   9.993E+02 3.592E+03 3.375E+03 5.962E+06 2.344E+06 1.266E+06 9.993E+02 3.592E+03 3.375E+03 5.962E+06 2.386E+06 1.296E+06
 GRAND TOTAL 6.923E+03 1.631E+04 4.832E+03 8.028E+06 3.784E+06 1.782E+07 6.923E+03 1.631E+04 4.832E+03 8.028E+06 3.836E+06 1.824E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 102)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  17        29        33        14        14        17        17        29        33        17        14        17
 X MAXIMUM   1.634E+03 1.696E+03 1.585E+03 1.273E+06 5.095E+05 2.867E+06 2.166E+03 1.084E+03 1.585E+03 7.014E+05 1.302E+06 3.070E+06
 Y                   5         5        33         5         2         5         5         5        33         5         2         5
 Y MAXIMUM   5.253E+03 1.481E+04 8.291E+02 1.539E+06 1.532E+06 1.773E+07 1.419E+04 6.760E+03 8.291E+02 1.179E+06 1.246E+06 2.114E+07
 Z                  14        14        33        14        14         5        14        14        33        14        14         5
 Z MAXIMUM   8.886E+02 3.486E+03 2.731E+03 5.962E+06 2.386E+06 1.296E+06 3.093E+03 1.837E+03 2.731E+03 2.448E+06 6.098E+06 1.545E+06
 GRAND TOTAL 6.850E+03 1.589E+04 3.985E+03 8.028E+06 3.836E+06 1.824E+07 1.531E+04 8.054E+03 3.985E+03 4.016E+06 8.245E+06 2.165E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 102)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        17        33        33        14        17
 X MAXIMUM   1.696E+03 1.634E+03 1.585E+03 1.054E+06 1.332E+06 2.789E+06
 Y                   5         5        33         2         5         5
 Y MAXIMUM   1.481E+04 5.253E+03 8.291E+02 1.511E+06 1.593E+06 2.138E+07
 Z                  14        14        33        14        14        14
 Z MAXIMUM   3.486E+03 8.886E+02 2.731E+03 2.661E+06 6.238E+06 1.635E+06
 GRAND TOTAL 1.589E+04 6.850E+03 3.985E+03 4.473E+06 8.473E+06 2.185E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 103)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        17        17        33        17        17        29        17        17        33        17        17
 X MAXIMUM   1.654E+03 1.010E+03 2.016E+03 1.054E+06 1.402E+06 2.445E+06 1.654E+03 1.010E+03 2.016E+03 1.054E+06 1.344E+06 2.415E+06
 Y                  5         5         5         2         5         5         5         5         5         2         5         5
 Y MAXIMUM   1.438E+04 4.960E+03 1.847E+03 1.511E+06 9.330E+06 1.930E+07 1.438E+04 4.960E+03 1.847E+03 1.511E+06 9.276E+06 1.915E+07
 Z                 14        33        33        14        14        14        14        33        33        14        14        14
 Z MAXIMUM   3.362E+03 1.109E+03 1.702E+03 2.661E+06 5.202E+06 3.811E+06 3.362E+03 1.109E+03 1.702E+03 2.661E+06 5.207E+06 3.788E+06
 GRAND TOTAL 1.541E+04 6.312E+03 4.064E+03 4.473E+06 1.204E+07 2.010E+07 1.541E+04 6.312E+03 4.064E+03 4.473E+06 1.199E+07 1.996E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 104)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        17        17        33        17        17        29        17        17        33        17        81
 X MAXIMUM   1.516E+03 1.139E+03 2.091E+03 1.054E+06 1.344E+06 2.415E+06 1.516E+03 1.139E+03 2.091E+03 1.054E+06 2.834E+06 1.209E+06
 Y                  5         5         5         2         5         5         5         5         5         2         5         5
 Y MAXIMUM   1.298E+04 5.035E+03 2.011E+03 1.511E+06 9.276E+06 1.915E+07 1.298E+04 5.035E+03 2.011E+03 1.511E+06 5.259E+06 9.094E+06
 Z                 14        14        14        14        14        14        14        14        14        14        33        33
 Z MAXIMUM   2.961E+03 1.494E+03 2.459E+03 2.661E+06 5.207E+06 3.788E+06 2.961E+03 1.494E+03 2.459E+03 2.661E+06 1.318E+06 9.180E+05
 GRAND TOTAL 1.390E+04 6.303E+03 4.941E+03 4.473E+06 1.199E+07 1.996E+07 1.390E+04 6.303E+03 4.941E+03 4.473E+06 7.076E+06 1.111E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 105)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        17        17        33        17        81        29        17        17        33        17        17
 X MAXIMUM   1.297E+03 1.254E+03 1.961E+03 1.054E+06 2.834E+06 1.209E+06 1.297E+03 1.254E+03 1.961E+03 1.054E+06 5.195E+06 1.370E+06
 Y                  5         5         5         2         5         5         5         5         5         2         5         5
 Y MAXIMUM   1.077E+04 5.305E+03 2.270E+03 1.511E+06 5.259E+06 9.094E+06 1.077E+04 5.305E+03 2.270E+03 1.511E+06 2.525E+06 2.706E+06
 Z                 14        14        14        14        33        33        14        14        14        14        14        14
 Z MAXIMUM   2.326E+03 2.141E+03 4.703E+03 2.661E+06 1.318E+06 9.180E+05 2.326E+03 2.141E+03 4.703E+03 2.661E+06 5.368E+06 1.775E+06
 GRAND TOTAL 1.156E+04 6.648E+03 7.527E+03 4.473E+06 7.076E+06 1.111E+07 1.156E+04 6.648E+03 7.527E+03 4.473E+06 1.020E+07 5.761E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 106)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        17        17        33        17        17        29        17        17        33        17        17
 X MAXIMUM   1.133E+03 1.284E+03 1.846E+03 1.054E+06 5.195E+06 1.370E+06 1.133E+03 1.284E+03 1.846E+03 1.054E+06 7.417E+06 2.915E+06
 Y                  5         5         5         2         5         5         5         5         5         2        11         5
 Y MAXIMUM   9.107E+03 5.429E+03 2.383E+03 1.511E+06 2.525E+06 2.706E+06 9.107E+03 5.429E+03 2.383E+03 1.511E+06 2.088E+06 3.830E+06
 Z                 14        14        14        14        14        14        14        14        14        14        14        14
 Z MAXIMUM   1.848E+03 2.369E+03 5.496E+03 2.661E+06 5.368E+06 1.775E+06 1.848E+03 2.369E+03 5.496E+03 2.661E+06 1.198E+07 4.627E+06
 GRAND TOTAL 9.869E+03 8.521E+03 8.888E+03 4.473E+06 1.020E+07 5.761E+06 9.869E+03 8.521E+03 8.888E+03 4.473E+06 1.913E+07 9.462E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 107)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        17        33        17        17        17        17        17        33        33        82
 X MAXIMUM   8.816E+02 8.482E+02 2.551E+03 1.054E+06 7.417E+06 2.915E+06 8.816E+02 8.482E+02 2.551E+03 1.054E+06 1.685E+06 1.728E+06
 Y                  5       130        97         2        11         5         5       130        97         2         5         5
 Y MAXIMUM   6.488E+03 9.090E+02 1.237E+03 1.511E+06 2.088E+06 3.830E+06 6.488E+03 9.090E+02 1.237E+03 1.511E+06 3.021E+06 2.706E+06
 Z                 14        53        14        14        14        14        14        53        14        14        14        14
 Z MAXIMUM   1.096E+03 8.943E+02 2.170E+03 2.661E+06 1.198E+07 4.627E+06 1.096E+03 8.943E+02 2.170E+03 2.661E+06 6.378E+06 2.492E+06
 GRAND TOTAL 7.420E+03 2.979E+03 4.875E+03 4.473E+06 1.913E+07 9.462E+06 7.420E+03 2.979E+03 4.875E+03 4.473E+06 1.025E+07 6.209E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 108)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        17        33        33        82        17        17        17        33        33        82
 X MAXIMUM   1.593E+03 4.878E+02 1.054E+03 1.054E+06 1.685E+06 1.728E+06 1.593E+03 4.878E+02 1.054E+03 1.054E+06 7.160E+05 1.135E+06
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 Y                  5         5       121         2         5         5         5         5       121         2         5         5
 Y MAXIMUM   3.921E+03 6.037E+02 1.231E+03 1.511E+06 3.021E+06 2.706E+06 3.921E+03 6.037E+02 1.231E+03 1.511E+06 3.937E+06 1.934E+06
 Z                 36        14        14        14        14        14        36        14        14        14        14        14
 Z MAXIMUM   7.316E+02 9.211E+02 3.094E+03 2.661E+06 6.378E+06 2.492E+06 7.316E+02 9.211E+02 3.094E+03 2.661E+06 2.425E+06 1.315E+06
 GRAND TOTAL 5.563E+03 2.048E+03 4.930E+03 4.473E+06 1.025E+07 6.209E+06 5.563E+03 2.048E+03 4.930E+03 4.473E+06 5.758E+06 4.060E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 109)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        82        33        33        33        82        17        82        33        33        53        82
 X MAXIMUM   1.901E+03 8.535E+02 8.342E+02 1.054E+06 7.160E+05 1.135E+06 1.901E+03 8.535E+02 8.342E+02 1.054E+06 5.339E+05 6.675E+05
 Y                121         5       121         2         5         5       121         5       121         2         5         5
 Y MAXIMUM   2.813E+03 6.804E+02 1.841E+03 1.511E+06 3.937E+06 1.934E+06 2.813E+03 6.804E+02 1.841E+03 1.511E+06 4.235E+06 1.562E+06
 Z                 36        14        14        14        14        14        36        14        14        14        53        23
 Z MAXIMUM   6.208E+02 8.957E+02 3.472E+03 2.661E+06 2.425E+06 1.315E+06 6.208E+02 8.957E+02 3.472E+03 2.661E+06 7.190E+05 1.199E+06
 GRAND TOTAL 5.081E+03 2.697E+03 5.595E+03 4.473E+06 5.758E+06 4.060E+06 5.081E+03 2.697E+03 5.595E+03 4.473E+06 4.860E+06 2.922E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 110)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 17        17        82        33        82        17        17        17        82        33        33        17
 X MAXIMUM   2.194E+03 1.112E+03 1.064E+03 1.054E+06 6.990E+05 5.165E+05 2.371E+03 6.569E+02 1.064E+03 6.866E+05 5.815E+05 3.751E+05
 Y                121       121         5         2        53         5       121        97         5         2         2         5
 Y MAXIMUM   3.036E+03 2.339E+03 8.201E+02 1.511E+06 4.297E+05 4.495E+06 3.820E+03 1.379E+03 8.201E+02 1.071E+06 9.452E+05 4.951E+06
 Z                 53        14        14        14        23        53        14        14        14        23        14        14
 Z MAXIMUM   6.373E+02 3.453E+03 1.787E+03 2.661E+06 1.244E+06 5.366E+05 2.524E+03 2.372E+03 1.787E+03 1.881E+06 1.516E+06 1.518E+06
 GRAND TOTAL 4.893E+03 5.977E+03 3.998E+03 4.473E+06 2.639E+06 5.019E+06 6.407E+03 4.315E+03 3.998E+03 3.480E+06 2.494E+06 5.881E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 110)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        82        23        82        17
 X MAXIMUM   1.309E+03 2.083E+03 1.064E+03 6.081E+05 9.261E+05 1.227E+06
 Y                121       121         5         2         2         5
 Y MAXIMUM   2.609E+03 2.808E+03 8.201E+02 2.376E+05 1.207E+06 5.901E+06
 Z                 14        53        14        23        14        14
 Z MAXIMUM   3.463E+03 6.415E+02 1.787E+03 1.769E+06 1.309E+06 2.271E+06
 GRAND TOTAL 6.148E+03 4.677E+03 3.998E+03 2.142E+06 3.160E+06 7.071E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 111)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        82        23        82        17        17        17        82        23        82        17
 X MAXIMUM   2.558E+03 2.044E+03 1.090E+03 6.081E+05 9.261E+05 1.227E+06 2.558E+03 2.044E+03 1.090E+03 6.081E+05 1.302E+06 1.931E+06
 Y                121       121         5         2         2         5       121       121         5         2         2         5
 Y MAXIMUM   3.075E+03 2.641E+03 8.244E+02 2.376E+05 1.207E+06 5.901E+06 3.075E+03 2.641E+03 8.244E+02 2.376E+05 1.071E+06 6.192E+06
 Z                 14        53        14        23        14        14        14        53        14        23        84        14
 Z MAXIMUM   3.759E+03 6.045E+02 1.783E+03 1.769E+06 1.309E+06 2.271E+06 3.759E+03 6.045E+02 1.783E+03 1.769E+06 1.149E+06 2.202E+06
 GRAND TOTAL 6.988E+03 4.171E+03 4.174E+03 2.142E+06 3.160E+06 7.071E+06 6.988E+03 4.171E+03 4.174E+03 2.142E+06 3.468E+06 7.480E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 112)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        82        23        82        17        17        17        82        23        53        17
 X MAXIMUM   3.459E+03 1.970E+03 1.728E+03 6.076E+05 1.301E+06 1.931E+06 3.459E+03 1.970E+03 1.728E+03 6.076E+05 1.078E+06 3.446E+06
 Y                121       121        84         2         2         5       121       121        84         2         2         5
 Y MAXIMUM   3.404E+03 2.335E+03 5.316E+02 2.338E+05 1.072E+06 6.192E+06 3.404E+03 2.335E+03 5.316E+02 2.338E+05 9.313E+05 6.351E+06
 Z                 14        53        23        23        84        14        14        53        23        23        53        14
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 Z MAXIMUM   3.973E+03 5.443E+02 1.971E+03 1.768E+06 1.148E+06 2.202E+06 3.973E+03 5.443E+02 1.971E+03 1.768E+06 1.451E+06 1.900E+06
 GRAND TOTAL 7.709E+03 3.737E+03 4.006E+03 2.140E+06 3.469E+06 7.480E+06 7.709E+03 3.737E+03 4.006E+03 2.140E+06 3.166E+06 8.579E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 113)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        82        23        53        17        17        17        82        23        82        17
 X MAXIMUM   7.098E+03 1.146E+03 6.763E+02 6.073E+05 1.078E+06 3.446E+06 7.098E+03 1.146E+03 6.763E+02 6.073E+05 2.524E+06 7.675E+06
 Y                121         5        84         2         2         5       121         5        84         2        84        97
 Y MAXIMUM   4.743E+03 2.133E+03 2.172E+02 2.341E+05 9.312E+05 6.350E+06 4.743E+03 2.133E+03 2.172E+02 2.341E+05 7.665E+05 1.751E+06
 Z                 14        14        23        23        53        14        14        14        23        23        23        17
 Z MAXIMUM   4.830E+03 1.024E+03 1.237E+03 1.767E+06 1.451E+06 1.900E+06 4.830E+03 1.024E+03 1.237E+03 1.767E+06 5.634E+06 1.904E+06
 GRAND TOTAL 1.118E+04 2.975E+03 1.871E+03 2.140E+06 3.166E+06 8.579E+06 1.118E+04 2.975E+03 1.871E+03 2.140E+06 7.676E+06 9.140E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 114)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        52        82        23        82        17        17        52        82        23        82        17
 X MAXIMUM   1.132E+04 6.253E+02 2.166E+03 6.120E+05 2.524E+06 7.675E+06 1.132E+04 6.253E+02 2.166E+03 6.120E+05 7.153E+05 6.775E+06
 Y                121         5        84         2        84        97       121         5        84         2        53         5
 Y MAXIMUM   6.168E+03 3.005E+03 6.522E+02 2.334E+05 7.666E+05 1.751E+06 6.168E+03 3.005E+03 6.522E+02 2.334E+05 3.229E+05 6.015E+06
 Z                 14        14        23        23        23        17        14        14        23        23        23        14
 Z MAXIMUM   5.817E+03 1.011E+03 2.550E+03 1.780E+06 5.630E+06 1.904E+06 5.817E+03 1.011E+03 2.550E+03 1.780E+06 1.817E+06 3.391E+06
 GRAND TOTAL 1.564E+04 4.239E+03 5.017E+03 2.153E+06 7.673E+06 9.140E+06 1.564E+04 4.239E+03 5.017E+03 2.153E+06 2.487E+06 1.020E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 115)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 17        17        82        23        82        17        17        17        82        82        82        17
 X MAXIMUM   1.299E+04 9.220E+02 2.382E+03 6.120E+05 7.153E+05 6.775E+06 8.955E+03 9.460E+03 2.382E+03 6.744E+05 1.184E+06 5.236E+06
 Y                121         5        84         2        53         5       121       121        84        53        84         5
 Y MAXIMUM   6.706E+03 3.057E+03 7.197E+02 2.334E+05 3.229E+05 6.015E+06 5.799E+03 3.598E+03 7.197E+02 3.572E+05 3.569E+05 6.854E+06
 Z                 14        14        23        23        23        14        14        14        23        53        23        14
 Z MAXIMUM   6.209E+03 9.530E+02 4.155E+03 1.780E+06 1.817E+06 3.391E+06 5.221E+03 3.493E+03 4.155E+03 6.453E+05 1.473E+06 3.014E+06
 GRAND TOTAL 1.746E+04 4.642E+03 6.384E+03 2.153E+06 2.487E+06 1.020E+07 1.311E+04 1.243E+04 6.384E+03 1.791E+06 2.880E+06 9.653E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 115)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 52        17        82        82        82        17
 X MAXIMUM   6.610E+02 1.302E+04 2.382E+03 1.536E+06 1.030E+06 1.904E+06
 Y                  5       121        84        53         2         5
 Y MAXIMUM   3.000E+03 6.571E+03 7.197E+02 5.466E+05 3.307E+05 7.356E+06
 Z                 14        14        23        84        84        14
 Z MAXIMUM   1.488E+03 6.103E+03 4.155E+03 1.180E+06 8.216E+05 1.592E+06
 GRAND TOTAL 4.801E+03 1.741E+04 6.384E+03 3.143E+06 2.228E+06 8.537E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 116)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 52        17        17        82        17        82        52        17        17        82        17        82
 X MAXIMUM   6.617E+02 3.400E+03 1.302E+04 1.536E+06 1.815E+06 1.025E+06 6.617E+02 3.400E+03 1.302E+04 1.536E+06 1.389E+06 1.101E+06
 Y                  5       121       121        53         5         5         5       121       121        53         5         5
 Y MAXIMUM   3.000E+03 1.716E+03 6.355E+03 5.466E+05 7.075E+06 2.015E+06 3.000E+03 1.716E+03 6.355E+03 5.466E+05 7.102E+06 2.016E+06
 Z                 14        23        14        84        14        14        14        23        14        84        14        14
 Z MAXIMUM   1.488E+03 4.416E+03 6.079E+03 1.180E+06 1.349E+06 1.118E+06 1.488E+03 4.416E+03 6.079E+03 1.180E+06 1.150E+06 1.075E+06
 GRAND TOTAL 5.068E+03 7.892E+03 1.732E+04 3.143E+06 8.184E+06 3.298E+06 5.068E+03 7.892E+03 1.732E+04 3.143E+06 8.159E+06 3.349E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 117)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 52        17        17        82        17        82        52        17        17        82        97        82
 X MAXIMUM   6.619E+02 3.430E+03 1.313E+04 1.536E+06 1.389E+06 1.101E+06 6.619E+02 3.430E+03 1.313E+04 1.536E+06 7.201E+05 1.418E+06
 Y                  5       121       121        53         5         5         5       121       121        53         5         5
 Y MAXIMUM   3.001E+03 1.716E+03 6.358E+03 5.466E+05 7.102E+06 2.016E+06 3.001E+03 1.716E+03 6.358E+03 5.466E+05 7.213E+06 2.021E+06
 Z                 14        23        14        84        14        14        14        23        14        84        53        84
 Z MAXIMUM   1.488E+03 4.524E+03 6.107E+03 1.180E+06 1.150E+06 1.075E+06 1.488E+03 4.524E+03 6.107E+03 1.180E+06 7.152E+05 1.103E+06
 GRAND TOTAL 5.154E+03 7.973E+03 1.743E+04 3.143E+06 8.159E+06 3.349E+06 5.154E+03 7.973E+03 1.743E+04 3.143E+06 8.472E+06 3.752E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 118)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 52        17        17        82        97        82        52        17        17        82        17        82
 X MAXIMUM   6.782E+02 5.805E+03 2.237E+04 1.536E+06 7.201E+05 1.418E+06 6.782E+02 5.805E+03 2.237E+04 1.536E+06 5.608E+06 1.876E+06
 Y                121       121       121        53         5         5       121       121       121        53         5         5
 Y MAXIMUM   1.686E+04 1.666E+03 6.168E+03 5.466E+05 7.213E+06 2.021E+06 1.686E+04 1.666E+03 6.168E+03 5.466E+05 7.469E+06 2.044E+06
 Z                 14        23        14        84        53        84        14        23        14        84        14        23
 Z MAXIMUM   1.493E+03 1.322E+04 8.382E+03 1.180E+06 7.152E+05 1.103E+06 1.493E+03 1.322E+04 8.382E+03 1.180E+06 1.634E+06 3.501E+06
 GRAND TOTAL 1.771E+04 1.610E+04 2.679E+04 3.143E+06 8.472E+06 3.752E+06 1.771E+04 1.610E+04 2.679E+04 3.143E+06 1.145E+07 6.000E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 119)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                121        17        17        82        17        82       121        17        17        82        17        17
 X MAXIMUM   1.111E+03 9.972E+03 3.856E+04 1.536E+06 5.608E+06 1.876E+06 1.111E+03 9.972E+03 3.856E+04 1.536E+06 1.459E+07 3.672E+06
 Y                121       121       121        53         5         5       121       121       121        53         5         5
 Y MAXIMUM   4.506E+04 1.351E+03 5.000E+03 5.466E+05 7.469E+06 2.044E+06 4.506E+04 1.351E+03 5.000E+03 5.466E+05 7.836E+06 2.093E+06
 Z                 14        23        14        84        14        23        14        23        14        84        14        23
 Z MAXIMUM   1.503E+03 2.850E+04 1.237E+04 1.180E+06 1.634E+06 3.501E+06 1.503E+03 2.850E+04 1.237E+04 1.180E+06 4.516E+06 1.014E+07
 GRAND TOTAL 4.601E+04 3.240E+04 4.419E+04 3.143E+06 1.145E+07 6.000E+06 4.601E+04 3.240E+04 4.419E+04 3.143E+06 1.963E+07 1.255E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 120)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                121        23        17        82        17        17       121        23        17        82        17        17
 X MAXIMUM   1.805E+03 1.438E+04 5.268E+04 1.536E+06 1.459E+07 3.672E+06 1.805E+03 1.438E+04 5.268E+04 1.536E+06 2.692E+07 6.856E+06
 Y                121        17        17        53         5         5       121        17        17        53         5         5
 Y MAXIMUM   7.316E+04 1.406E+03 5.445E+03 5.466E+05 7.836E+06 2.093E+06 7.316E+04 1.406E+03 5.445E+03 5.466E+05 8.298E+06 2.165E+06
 Z                 14        23        14        84        14        23        14        23        14        84        14        23
 Z MAXIMUM   1.512E+03 4.184E+04 1.584E+04 1.180E+06 4.516E+06 1.014E+07 1.512E+03 4.184E+04 1.584E+04 1.180E+06 8.223E+06 1.993E+07
 GRAND TOTAL 7.448E+04 4.693E+04 5.971E+04 3.143E+06 1.963E+07 1.255E+07 7.448E+04 4.693E+04 5.971E+04 3.143E+06 3.252E+07 2.307E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 121)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 23        17        17        23        17        22        23        17        17        23        17        23
 X MAXIMUM   3.429E-10 5.379E-12 4.875E-11 1.286E-09 6.868E-08 3.465E-09 3.429E-10 5.379E-12 4.875E-11 1.286E-09 5.061E-08 2.869E-09
 Y                  2       120        17       121        17       120         2       120        17       121        17       121
 Y MAXIMUM   1.289E-11 5.258E-12 5.007E-12 4.850E-10 6.600E-09 3.388E-09 1.289E-11 5.258E-12 5.007E-12 4.850E-10 3.234E-09 4.161E-09
 Z                 23        23        23        23        23        23        23        23        23        23        23        23
 Z MAXIMUM   3.335E-10 1.432E-11 9.424E-11 2.415E-09 1.050E-07 3.274E-09 3.335E-10 1.432E-11 9.424E-11 2.415E-09 3.390E-08 8.972E-09
 GRAND TOTAL 4.950E-10 1.846E-11 1.131E-10 3.058E-09 1.326E-07 8.385E-09 4.950E-10 1.846E-11 1.131E-10 3.058E-09 6.366E-08 1.169E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 122)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        23        17        23        17        17        17        23        17        17        14
 X MAXIMUM   1.315E-09 1.039E-11 1.094E-11 5.932E-09 2.152E-08 2.133E-08 1.315E-09 1.039E-11 1.094E-11 5.932E-09 2.338E-08 3.035E-09
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 Y                 17       121         5       121         5       121        17       121         5       121        17       121
 Y MAXIMUM   9.476E-11 1.283E-11 1.863E-12 7.128E-10 2.379E-09 1.326E-08 9.476E-11 1.283E-11 1.863E-12 7.128E-10 2.102E-09 8.889E-09
 Z                 17        14        23        14        23        14        17        14        23        14        23        14
 Z MAXIMUM   3.650E-10 1.244E-11 4.322E-11 1.663E-09 5.512E-08 1.316E-08 3.650E-10 1.244E-11 4.322E-11 1.663E-09 6.552E-09 1.173E-08
 GRAND TOTAL 1.379E-09 2.534E-11 4.707E-11 6.613E-09 5.993E-08 2.990E-08 1.379E-09 2.534E-11 4.707E-11 6.613E-09 2.607E-08 1.685E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 123)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 23        23        17        23        17        17        23        23        17        23        17        23
 X MAXIMUM   2.670E-10 6.723E-12 7.551E-11 1.286E-09 6.555E-08 2.869E-09 2.670E-10 6.723E-12 7.551E-11 1.286E-09 4.681E-08 2.484E-09
 Y                 18       121        17       121        17        18        18       121        17       121        17       121
 Y MAXIMUM   2.706E-11 8.671E-12 5.570E-12 5.245E-10 5.517E-09 1.052E-09 2.706E-11 8.671E-12 5.570E-12 5.245E-10 5.080E-09 5.694E-09
 Z                 23        23        23        23        23        23        23        23        23        23        23        23
 Z MAXIMUM   6.629E-10 1.594E-11 7.216E-11 2.415E-09 8.221E-08 3.809E-09 6.629E-10 1.594E-11 7.216E-11 2.415E-09 1.071E-08 8.739E-09
 GRAND TOTAL 7.603E-10 2.071E-11 1.089E-10 3.064E-09 1.102E-07 7.675E-09 7.603E-10 2.071E-11 1.089E-10 3.064E-09 5.029E-08 1.141E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 124)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        17        17        17        23        17        17        17        17        17        17        17
 X MAXIMUM   2.269E-10 5.339E-11 1.573E-11 5.932E-09 1.810E-08 2.611E-08 2.269E-10 5.339E-11 1.573E-11 5.932E-09 3.462E-09 4.645E-08
 Y                 17         5        18       121        18         5        17         5        18       121         5        17
 Y MAXIMUM   3.279E-11 9.115E-12 2.294E-12 5.833E-10 2.180E-09 4.924E-09 3.279E-11 9.115E-12 2.294E-12 5.833E-10 1.140E-09 5.215E-09
 Z                 23        14        23        14        23        14        23        14        23        14        23        17
 Z MAXIMUM   2.389E-10 1.244E-11 2.654E-11 1.663E-09 6.471E-08 1.220E-08 2.389E-10 1.244E-11 2.654E-11 1.663E-09 1.328E-08 1.193E-08
 GRAND TOTAL 4.083E-10 5.918E-11 3.320E-11 6.600E-09 6.959E-08 3.166E-08 4.083E-10 5.918E-11 3.320E-11 6.600E-09 1.492E-08 5.088E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 125)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                121        23        17        82        17        17       121        23        17        82        17        23
 X MAXIMUM   3.253E+03 2.261E+04 7.800E+04 1.536E+06 2.692E+07 6.856E+06 3.253E+03 2.261E+04 7.800E+04 1.536E+06 8.542E+07 2.381E+07
 Y                121        17        17        53         5         5       121        17        17        53         5         5
 Y MAXIMUM   1.319E+05 2.079E+03 8.062E+03 5.466E+05 8.298E+06 2.165E+06 1.319E+05 2.079E+03 8.062E+03 5.466E+05 1.031E+07 2.518E+06
 Z                121        23        14        84        14        23       121        23        14        84        14        23
 Z MAXIMUM   1.781E+03 6.579E+04 2.206E+04 1.180E+06 8.223E+06 1.993E+07 1.781E+03 6.579E+04 2.206E+04 1.180E+06 2.477E+07 6.928E+07
 GRAND TOTAL 1.341E+05 7.324E+04 8.798E+04 3.143E+06 3.252E+07 2.307E+07 1.341E+05 7.324E+04 8.798E+04 3.143E+06 9.705E+07 7.740E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 126)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                121        23        17        82        17        23       121        23        17        82        17        23
 X MAXIMUM   5.348E+03 2.849E+04 9.598E+04 1.536E+06 8.542E+07 2.381E+07 5.348E+03 2.849E+04 9.598E+04 1.536E+06 1.574E+08 4.518E+07
 Y                121       121        17        53         5         5       121       121        17        53        17        17
 Y MAXIMUM   2.168E+05 2.617E+03 9.920E+03 5.466E+05 1.031E+07 2.518E+06 2.168E+05 2.617E+03 9.920E+03 5.466E+05 1.627E+07 4.187E+06
 Z                121        23        14        84        14        23       121        23        14        84        14        23
 Z MAXIMUM   2.927E+03 8.290E+04 2.645E+04 1.180E+06 2.477E+07 6.928E+07 2.927E+03 8.290E+04 2.645E+04 1.180E+06 4.461E+07 1.314E+08
 GRAND TOTAL 2.203E+05 9.238E+04 1.088E+05 3.143E+06 9.705E+07 7.740E+07 2.203E+05 9.238E+04 1.088E+05 3.143E+06 1.778E+08 1.463E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 127)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        19        18        18        18        29        18        19        18        18        18        29
 X MAXIMUM   4.845E+03 4.174E+03 8.524E+03 1.179E+07 1.420E+07 9.451E+06 4.845E+03 4.174E+03 8.524E+03 1.179E+07 2.346E+07 6.464E+06
 Y                130         5        18         2         2         5       130         5        18         2         2         5
 Y MAXIMUM   2.924E+03 4.547E+03 3.303E+03 7.560E+06 1.423E+07 1.169E+07 2.924E+03 4.547E+03 3.303E+03 7.560E+06 1.071E+07 6.749E+06
 Z                 14        14        14        30        14        14        14        14        14        30        30        14
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 Z MAXIMUM   1.215E+04 1.109E+04 1.581E+04 8.447E+06 1.024E+07 2.782E+07 1.215E+04 1.109E+04 1.581E+04 8.447E+06 1.113E+07 1.578E+07
 GRAND TOTAL 1.806E+04 1.534E+04 2.384E+04 2.495E+07 2.976E+07 3.880E+07 1.806E+04 1.534E+04 2.384E+04 2.495E+07 3.785E+07 2.319E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 128)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        19        18        18        18        29        18        19        18        18        18        29
 X MAXIMUM   5.851E+03 4.466E+03 8.685E+03 1.179E+07 2.346E+07 6.464E+06 5.851E+03 4.466E+03 8.685E+03 1.179E+07 3.290E+07 3.490E+06
 Y                 130         5        18         2         2         5       130         5        18         2        18        36
 Y MAXIMUM   2.629E+03 4.585E+03 3.365E+03 7.560E+06 1.071E+07 6.749E+06 2.629E+03 4.585E+03 3.365E+03 7.560E+06 1.274E+07 3.182E+06
 Z                  14        14        14        30        30        14        14        14        14        30        14        14
 Z MAXIMUM   9.482E+03 1.117E+04 1.701E+04 8.447E+06 1.113E+07 1.578E+07 9.482E+03 1.117E+04 1.701E+04 8.447E+06 2.542E+07 3.637E+06
 GRAND TOTAL 1.593E+04 1.584E+04 2.556E+04 2.495E+07 3.785E+07 2.319E+07 1.593E+04 1.584E+04 2.556E+04 2.495E+07 5.874E+07 1.000E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 129)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        29        18        18        18        18        14        18
 X MAXIMUM   8.077E+03 9.082E+03 1.528E+04 1.179E+07 3.290E+07 3.490E+06 8.077E+03 9.082E+03 1.528E+04 1.179E+07 2.821E+06 2.023E+07
 Y                  18        18        18         2        18        36        18        18        18         2         8        18
 Y MAXIMUM   3.129E+03 3.519E+03 5.920E+03 7.560E+06 1.274E+07 3.182E+06 3.129E+03 3.519E+03 5.920E+03 7.560E+06 3.065E+06 7.837E+06
 Z                  14        14        30        30        14        14        14        14        30        30        14        14
 Z MAXIMUM   3.556E+03 6.754E+03 7.367E+03 8.447E+06 2.542E+07 3.637E+06 3.556E+03 6.754E+03 7.367E+03 8.447E+06 1.321E+07 1.104E+07
 GRAND TOTAL 1.353E+04 1.428E+04 2.390E+04 2.495E+07 5.874E+07 1.000E+07 1.353E+04 1.428E+04 2.390E+04 2.495E+07 1.699E+07 3.167E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 130)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        14        18        18        18        18        18        18        18
 X MAXIMUM   9.205E+03 8.848E+03 1.097E+04 1.179E+07 2.821E+06 2.023E+07 9.205E+03 8.848E+03 1.097E+04 1.179E+07 3.371E+06 2.270E+07
 Y                  18        18         2         2         8        18        18        18         2         2         2        18
 Y MAXIMUM   3.566E+03 3.428E+03 4.798E+03 7.560E+06 3.065E+06 7.837E+06 3.566E+03 3.428E+03 4.798E+03 7.560E+06 3.952E+06 8.793E+06
 Z                  49        14        14        30        14        14        49        14        14        30        14        14
 Z MAXIMUM   2.926E+03 6.910E+03 4.879E+03 8.447E+06 1.321E+07 1.104E+07 2.926E+03 6.910E+03 4.879E+03 8.447E+06 1.185E+07 1.297E+07
 GRAND TOTAL 1.395E+04 1.437E+04 1.700E+04 2.495E+07 1.699E+07 3.167E+07 1.395E+04 1.437E+04 1.700E+04 2.495E+07 1.615E+07 3.545E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 131)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        30        18        30        18        18        18        30        18        30        30        18
 X MAXIMUM   3.524E+03 5.186E+03 1.089E+04 8.922E+06 3.988E+06 9.566E+06 3.524E+03 5.186E+03 1.089E+04 8.922E+06 1.741E+06 1.099E+07
 Y                  18        67        18         2         8        18        18        67        18         2         8        49
 Y MAXIMUM   1.365E+03 2.688E+03 4.220E+03 4.254E+06 1.608E+06 3.706E+06 1.365E+03 2.688E+03 4.220E+03 4.254E+06 1.662E+06 4.301E+06
 Z                  14        14        30        30        14        49        14        14        30        30        14        14
 Z MAXIMUM   3.025E+03 7.785E+03 4.607E+03 7.077E+06 6.703E+06 5.233E+06 3.025E+03 7.785E+03 4.607E+03 7.077E+06 6.029E+06 6.533E+06
 GRAND TOTAL 8.017E+03 1.580E+04 1.583E+04 1.622E+07 1.094E+07 1.743E+07 8.017E+03 1.580E+04 1.583E+04 1.622E+07 8.389E+06 2.080E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 132)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        30        18        30        30        18        18        30        18        30        14        18
 X MAXIMUM   3.715E+03 5.288E+03 9.992E+03 8.922E+06 1.741E+06 1.099E+07 3.715E+03 5.288E+03 9.992E+03 8.922E+06 1.222E+06 1.169E+07
 Y                  18        67        18         2         8        49        18        67        18         2         2        49
 Y MAXIMUM   1.439E+03 2.999E+03 3.871E+03 4.254E+06 1.662E+06 4.301E+06 1.439E+03 2.999E+03 3.871E+03 4.254E+06 1.807E+06 4.686E+06
 Z                  14        14        30        30        14        14        14        14        30        30        14        14
 Z MAXIMUM   2.512E+03 7.827E+03 3.868E+03 7.077E+06 6.029E+06 6.533E+06 2.512E+03 7.827E+03 3.868E+03 7.077E+06 5.720E+06 7.605E+06
 GRAND TOTAL 7.878E+03 1.620E+04 1.431E+04 1.622E+07 8.389E+06 2.080E+07 7.878E+03 1.620E+04 1.431E+04 1.622E+07 7.816E+06 2.261E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 133)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        30        14        18        18        30        18        30        18        18
 X MAXIMUM   4.250E+03 5.865E+03 7.360E+03 8.922E+06 1.222E+06 1.169E+07 4.250E+03 5.865E+03 7.360E+03 8.922E+06 1.428E+06 1.202E+07
 Y                 18        49        18         2         2        49        18        49        18         2         2        18
 Y MAXIMUM   1.647E+03 3.721E+03 2.852E+03 4.254E+06 1.807E+06 4.686E+06 1.647E+03 3.721E+03 2.852E+03 4.254E+06 2.177E+06 4.657E+06
 Z                 49        48        14        30        14        14        49        48        14        30        14        14
 Z MAXIMUM   1.968E+03 5.540E+03 1.780E+03 7.077E+06 5.720E+06 7.605E+06 1.968E+03 5.540E+03 1.780E+03 7.077E+06 5.477E+06 7.440E+06
 GRAND TOTAL 7.801E+03 1.466E+04 1.022E+04 1.622E+07 7.816E+06 2.261E+07 7.801E+03 1.466E+04 1.022E+04 1.622E+07 7.723E+06 2.184E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 134)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        30        18        18        18        30        18        30        18        18
 X MAXIMUM   4.441E+03 5.739E+03 6.377E+03 8.922E+06 1.428E+06 1.202E+07 4.441E+03 5.739E+03 6.377E+03 8.922E+06 3.208E+06 1.270E+07
 Y                 18        49         2         2         2        18        18        49         2         2         2        18
 Y MAXIMUM   1.721E+03 3.508E+03 2.749E+03 4.254E+06 2.177E+06 4.657E+06 1.721E+03 3.508E+03 2.749E+03 4.254E+06 2.944E+06 4.919E+06
 Z                 49        48        11        30        14        14        49        48        11        30        14        14
 Z MAXIMUM   2.005E+03 5.269E+03 1.660E+03 7.077E+06 5.477E+06 7.440E+06 2.005E+03 5.269E+03 1.660E+03 7.077E+06 5.030E+06 7.117E+06
 GRAND TOTAL 7.888E+03 1.406E+04 8.929E+03 1.622E+07 7.723E+06 2.184E+07 7.888E+03 1.406E+04 8.929E+03 1.622E+07 8.209E+06 2.082E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 135)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        30        18        30        30        18        30        30        18        30        30
 X MAXIMUM   8.468E+02 9.409E+02 5.783E+03 5.416E-08 3.748E+06 6.399E+05 8.468E+02 9.409E+02 5.783E+03 5.416E-08 2.134E+06 3.774E+05
 Y                  2        49        18        18        18        49         2        49        18        18        18        49
 Y MAXIMUM   8.166E+02 1.666E+03 2.146E+03 1.835E-08 1.388E+06 1.143E+06 8.166E+02 1.666E+03 2.146E+03 1.835E-08 7.895E+05 6.778E+05
 Z                 14        49        30        30        30        49        14        49        30        30        30        49
 Z MAXIMUM   2.270E+03 2.447E+03 4.587E+03 2.454E-08 2.973E+06 1.678E+06 2.270E+03 2.447E+03 4.587E+03 2.454E-08 1.693E+06 9.951E+05
 GRAND TOTAL 3.042E+03 4.718E+03 1.078E+04 8.459E-08 7.026E+06 3.208E+06 3.042E+03 4.718E+03 1.078E+04 8.459E-08 4.021E+06 1.897E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 136)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        30        30        30        30        18        30        30        30        30        18
 X MAXIMUM   3.593E+02 4.826E+02 2.729E+03 7.002E-09 2.134E+06 3.774E+05 3.593E+02 4.826E+02 2.729E+03 7.002E-09 1.129E-07 6.433E-08
 Y                  2        49        18        30        18        49         2        49        18        30         2        67
 Y MAXIMUM   3.465E+02 8.668E+02 1.010E+03 7.026E-10 7.895E+05 6.778E+05 3.465E+02 8.668E+02 1.010E+03 7.026E-10 7.427E-08 3.239E-08
 Z                 14        49        30        18        30        49        14        49        30        18        11        14
 Z MAXIMUM   9.631E+02 1.273E+03 2.165E+03 1.546E-09 1.693E+06 9.951E+05 9.631E+02 1.273E+03 2.165E+03 1.546E-09 6.870E-08 6.901E-08
 GRAND TOTAL 1.291E+03 2.426E+03 5.142E+03 8.496E-09 4.021E+06 1.897E+06 1.291E+03 2.426E+03 5.142E+03 8.496E-09 2.318E-07 1.160E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 137)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        30        18        18        18        18        18        30        18        18        18
 X MAXIMUM   3.700E+03 5.991E+03 2.355E+03 7.358E+06 6.153E+06 1.313E+07 3.700E+03 5.991E+03 2.355E+03 7.358E+06 5.805E+06 1.146E+07
 Y                  8         2         2         2         2         2         8         2         2         2         2         2
 Y MAXIMUM   1.548E+03 2.556E+03 2.346E+03 3.199E+06 3.305E+06 5.268E+06 1.548E+03 2.556E+03 2.346E+03 3.199E+06 2.651E+06 4.555E+06
 Z                 48        14        14        14        14        14        48        14        14        14        14        14
 Z MAXIMUM   2.331E+03 3.319E+03 2.233E+03 5.145E+06 4.686E+06 8.606E+06 2.331E+03 3.319E+03 2.233E+03 5.145E+06 4.063E+06 7.680E+06
 GRAND TOTAL 7.744E+03 9.811E+03 6.258E+03 1.239E+07 1.097E+07 2.098E+07 7.744E+03 9.811E+03 6.258E+03 1.239E+07 9.558E+06 1.830E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 138)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        30        18        18        18        18        18        30        18        18        18
 X MAXIMUM   3.678E+03 6.178E+03 3.187E+03 7.358E+06 5.805E+06 1.146E+07 3.678E+03 6.178E+03 3.187E+03 7.358E+06 4.001E+06 6.114E+06
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 Y                   8         2         2         2         2         2         8         2         2         2        18        18
 Y MAXIMUM   1.539E+03 2.766E+03 2.389E+03 3.199E+06 2.651E+06 4.555E+06 1.539E+03 2.766E+03 2.389E+03 3.199E+06 1.550E+06 2.369E+06
 Z                  30        14        30        14        14        14        30        14        30        14        14        14
 Z MAXIMUM   2.154E+03 3.894E+03 2.528E+03 5.145E+06 4.063E+06 7.680E+06 2.154E+03 3.894E+03 2.528E+03 5.145E+06 2.253E+06 4.311E+06
 GRAND TOTAL 7.338E+03 1.027E+04 7.284E+03 1.239E+07 9.558E+06 1.830E+07 7.338E+03 1.027E+04 7.284E+03 1.239E+07 6.133E+06 9.660E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 139)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        30        18        18        18        18        18        30        18        30        29
 X MAXIMUM   3.642E+03 6.221E+03 3.791E+03 7.358E+06 4.001E+06 6.114E+06 3.642E+03 6.221E+03 3.791E+03 7.358E+06 4.966E+06 1.324E+06
 Y                   8         2         2         2        18        18         8         2         2         2        28         8
 Y MAXIMUM   1.526E+03 3.065E+03 2.429E+03 3.199E+06 1.550E+06 2.369E+06 1.526E+03 3.065E+03 2.429E+03 3.199E+06 1.811E+06 1.059E+06
 Z                  30        14        30        14        14        14        30        14        30        14        30        28
 Z MAXIMUM   2.042E+03 4.656E+03 3.007E+03 5.145E+06 2.253E+06 4.311E+06 2.042E+03 4.656E+03 3.007E+03 5.145E+06 3.939E+06 6.700E+05
 GRAND TOTAL 6.817E+03 1.048E+04 8.217E+03 1.239E+07 6.133E+06 9.660E+06 6.817E+03 1.048E+04 8.217E+03 1.239E+07 8.464E+06 2.723E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 140)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        30        18        30        29        18        18        30        18        30        29
 X MAXIMUM   3.624E+03 6.080E+03 3.782E+03 7.358E+06 4.966E+06 1.324E+06 3.624E+03 6.080E+03 3.782E+03 7.358E+06 5.075E+06 1.339E+06
 Y                   8         2         2         2        28         8         8         2         2         2        28         8
 Y MAXIMUM   1.519E+03 3.207E+03 2.437E+03 3.199E+06 1.811E+06 1.059E+06 1.519E+03 3.207E+03 2.437E+03 3.199E+06 1.847E+06 1.091E+06
 Z                  30        14        30        14        30        28        30        14        30        14        30        28
 Z MAXIMUM   1.984E+03 4.971E+03 3.000E+03 5.145E+06 3.939E+06 6.700E+05 1.984E+03 4.971E+03 3.000E+03 5.145E+06 4.026E+06 6.921E+05
 GRAND TOTAL 6.598E+03 1.033E+04 8.286E+03 1.239E+07 8.464E+06 2.723E+06 6.598E+03 1.033E+04 8.286E+03 1.239E+07 8.632E+06 2.712E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 141)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  18        30        18        18        29        30        30        18        18        18        18        30
 X MAXIMUM   3.611E+03 3.769E+03 5.978E+03 7.358E+06 1.339E+06 5.075E+06 4.397E+03 4.667E+03 5.978E+03 5.477E+06 3.986E+06 5.817E+06
 Y                   8         2         2         2         8        28         2        18         2         2        18         2
 Y MAXIMUM   1.514E+03 2.442E+03 3.306E+03 3.199E+06 1.091E+06 1.847E+06 2.374E+03 1.808E+03 3.306E+03 3.042E+06 1.544E+06 2.144E+06
 Z                  30        30        14        14        28        30        30        11        14        14        14        30
 Z MAXIMUM   1.943E+03 2.989E+03 5.190E+03 5.145E+06 6.921E+05 4.026E+06 3.488E+03 1.427E+03 5.190E+03 4.118E+06 2.339E+06 4.614E+06
 GRAND TOTAL 6.468E+03 8.339E+03 1.028E+04 1.239E+07 2.712E+06 8.632E+06 8.554E+03 6.182E+03 1.028E+04 9.979E+06 6.673E+06 9.813E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 141)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        18        18        18        18        30
 X MAXIMUM   3.769E+03 3.611E+03 5.978E+03 1.721E+06 5.081E+06 5.578E+06
 Y                   2         8         2         2        18         2
 Y MAXIMUM   2.442E+03 1.514E+03 3.306E+03 1.841E+06 1.968E+06 2.170E+06
 Z                  30        30        14        14        14        30
 Z MAXIMUM   2.989E+03 1.943E+03 5.190E+03 1.838E+06 3.167E+06 4.424E+06
 GRAND TOTAL 8.339E+03 6.468E+03 1.028E+04 4.787E+06 8.960E+06 9.500E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 142)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        18        18        18        18        30        30        18        18        18        18        30
 X MAXIMUM   3.683E+03 3.503E+03 5.831E+03 1.721E+06 5.081E+06 5.578E+06 3.683E+03 3.503E+03 5.831E+03 1.721E+06 4.912E+06 5.507E+06
 Y                   2         8         2         2        18         2         2         8         2         2        18         2
 Y MAXIMUM   2.444E+03 1.503E+03 3.392E+03 1.841E+06 1.968E+06 2.170E+06 2.444E+03 1.503E+03 3.392E+03 1.841E+06 1.903E+06 2.143E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
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 Z MAXIMUM   2.921E+03 1.947E+03 5.335E+03 1.838E+06 3.167E+06 4.424E+06 2.921E+03 1.947E+03 5.335E+03 1.838E+06 3.013E+06 4.368E+06
 GRAND TOTAL 8.297E+03 6.323E+03 1.020E+04 4.787E+06 8.960E+06 9.500E+06 8.297E+03 6.323E+03 1.020E+04 4.787E+06 8.713E+06 9.393E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 143)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        18        18        18        18        30        30        18        18        18        18        18
 X MAXIMUM   3.499E+03 3.254E+03 5.516E+03 1.721E+06 4.912E+06 5.507E+06 3.499E+03 3.254E+03 5.516E+03 1.721E+06 2.381E+06 5.453E+06
 Y                   2         8         2         2        18         2         2         8         2         2         2        18
 Y MAXIMUM   2.449E+03 1.478E+03 3.575E+03 1.841E+06 1.903E+06 2.143E+06 2.449E+03 1.478E+03 3.575E+03 1.841E+06 2.885E+06 2.113E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
 Z MAXIMUM   2.775E+03 1.960E+03 5.637E+03 1.838E+06 3.013E+06 4.368E+06 2.775E+03 1.960E+03 5.637E+03 1.838E+06 4.439E+06 1.777E+06
 GRAND TOTAL 8.250E+03 6.070E+03 1.028E+04 4.787E+06 8.713E+06 9.393E+06 8.250E+03 6.070E+03 1.028E+04 4.787E+06 7.807E+06 7.751E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 144)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        18        30        30        18        18        18        18
 X MAXIMUM   3.137E+03 2.852E+03 4.861E+03 1.721E+06 2.381E+06 5.453E+06 3.137E+03 2.852E+03 4.861E+03 1.721E+06 8.808E+06 7.365E+06
 Y                   2         8         2         2         2        18         2         8         2         2         2        18
 Y MAXIMUM   2.457E+03 1.313E+03 3.771E+03 1.841E+06 2.885E+06 2.113E+06 2.457E+03 1.313E+03 3.771E+03 1.841E+06 7.870E+06 2.854E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        18
 Z MAXIMUM   2.488E+03 2.262E+03 5.427E+03 1.838E+06 4.439E+06 1.777E+06 2.488E+03 2.262E+03 5.427E+03 1.838E+06 1.161E+07 1.731E+06
 GRAND TOTAL 8.333E+03 5.239E+03 1.014E+04 4.787E+06 7.807E+06 7.751E+06 8.333E+03 5.239E+03 1.014E+04 4.787E+06 2.003E+07 1.011E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 145)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        30        18        18        18        18        29        30        18        18        18        18
 X MAXIMUM   3.186E+03 3.443E+03 4.258E+03 1.721E+06 8.808E+06 7.365E+06 3.186E+03 3.443E+03 4.258E+03 1.721E+06 1.044E+07 6.783E+06
 Y                   2         8         2         2         2        18         2         8         2         2         2         8
 Y MAXIMUM   2.466E+03 1.036E+03 3.839E+03 1.841E+06 7.870E+06 2.854E+06 2.466E+03 1.036E+03 3.839E+03 1.841E+06 9.345E+06 2.774E+06
 Z                  28        30        14        14        14        18        28        30        14        14        14        30
 Z MAXIMUM   2.396E+03 2.731E+03 4.562E+03 1.838E+06 1.161E+07 1.731E+06 2.396E+03 2.731E+03 4.562E+03 1.838E+06 1.337E+07 2.262E+06
 GRAND TOTAL 8.650E+03 5.725E+03 9.435E+03 4.787E+06 2.003E+07 1.011E+07 8.650E+03 5.725E+03 9.435E+03 4.787E+06 2.348E+07 1.058E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 146)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        79        29        18        18        18        18        79        29        18        18        18
 X MAXIMUM   3.943E+04 6.498E+03 1.074E+04 1.087E+07 1.101E+07 4.506E+06 3.943E+04 6.498E+03 1.074E+04 1.087E+07 1.142E+07 5.428E+06
 Y                  18         2       118         2        18         8        18         2       118         2         8         8
 Y MAXIMUM   1.528E+04 4.405E+03 6.511E+03 9.316E+06 4.264E+06 3.000E+06 1.528E+04 4.405E+03 6.511E+03 9.316E+06 4.896E+06 4.145E+06
 Z                  18        14        48        14        18        14        18        14        48        14        48        14
 Z MAXIMUM   9.268E+03 7.262E+03 8.179E+03 1.414E+07 2.587E+06 5.977E+06 9.268E+03 7.262E+03 8.179E+03 1.414E+07 3.305E+06 8.098E+06
 GRAND TOTAL 4.907E+04 2.202E+04 2.563E+04 2.423E+07 1.408E+07 1.125E+07 4.907E+04 2.202E+04 2.563E+04 2.423E+07 1.824E+07 1.664E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 147)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        29        79        18        18        18        18        29        79        18        18
 X MAXIMUM   2.626E+04 5.596E+03 5.672E+03 7.295E+05 4.222E+06 2.785E+06 2.626E+04 5.596E+03 5.672E+03 7.295E+05 3.422E+06 1.481E+06
 Y                  18         8       118        89       118         8        18         8       118        89        18         8
 Y MAXIMUM   1.017E+04 2.987E+03 4.770E+03 4.766E+05 2.022E+06 1.484E+06 1.017E+04 2.987E+03 4.770E+03 4.766E+05 1.326E+06 7.875E+05
 Z                  18        14        48        14        48        14        18        14        48        14        30        14
 Z MAXIMUM   6.172E+03 8.326E+03 5.240E+03 7.733E+05 2.298E+06 4.139E+06 6.172E+03 8.326E+03 5.240E+03 7.733E+05 1.287E+06 2.199E+06
 GRAND TOTAL 3.214E+04 1.771E+04 1.680E+04 2.252E+06 9.763E+06 8.818E+06 3.214E+04 1.771E+04 1.680E+04 2.252E+06 6.207E+06 4.692E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 148)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        29        79        18        18        18        18        29        79        18        18
 X MAXIMUM   2.568E+04 5.485E+03 5.560E+03 7.295E+05 3.422E+06 1.481E+06 2.568E+04 5.485E+03 5.560E+03 7.295E+05 2.508E+06 3.082E-07
 Y                 18         8       118        89        18         8        18         8       118        89        18         8
 Y MAXIMUM   9.948E+03 2.917E+03 4.692E+03 4.766E+05 1.326E+06 7.875E+05 9.948E+03 2.917E+03 4.692E+03 4.766E+05 9.715E+05 2.676E-07
 Z                 18        14        48        14        30        14        18        14        48        14        18        14
 Z MAXIMUM   6.035E+03 8.146E+03 5.134E+03 7.733E+05 1.287E+06 2.199E+06 6.035E+03 8.146E+03 5.134E+03 7.733E+05 5.893E+05 3.891E-07
 GRAND TOTAL 3.143E+04 1.738E+04 1.649E+04 2.252E+06 6.207E+06 4.692E+06 3.143E+04 1.738E+04 1.649E+04 2.252E+06 3.342E+06 8.350E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 149)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        18        79        18        79        18        29        18        79        18        18        18
 X MAXIMUM   1.269E+03 6.530E+03 1.900E+03 5.196E-11 7.295E+05 2.508E+06 1.269E+03 6.530E+03 1.900E+03 5.196E-11 7.262E-10 8.182E-09
 Y                118        18        89        18        89        18       118        18        89        18        12        18
 Y MAXIMUM   1.163E+03 2.530E+03 1.241E+03 1.469E-11 4.766E+05 9.715E+05 1.163E+03 2.530E+03 1.241E+03 1.469E-11 1.470E-09 3.034E-09
 Z                 48        18        14        18        14        18        48        18        14        18        12        18
 Z MAXIMUM   1.187E+03 1.535E+03 2.014E+03 9.966E-12 7.733E+05 5.893E+05 1.187E+03 1.535E+03 2.014E+03 9.966E-12 1.526E-09 1.574E-09
 GRAND TOTAL 3.890E+03 8.702E+03 5.864E+03 6.260E-11 2.252E+06 3.342E+06 3.890E+03 8.702E+03 5.864E+03 6.260E-11 3.274E-09 9.185E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 150)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        79        29        18        18        18        18        79        29        18        18        79
 X MAXIMUM   4.212E+04 6.571E+03 1.108E+04 1.087E+07 1.142E+07 5.428E+06 4.212E+04 6.571E+03 1.108E+04 1.087E+07 1.195E+07 6.896E+06
 Y                 18         2       118         2         8         8        18         2       118         2         8         8
 Y MAXIMUM   1.632E+04 4.441E+03 6.622E+03 9.316E+06 4.896E+06 4.145E+06 1.632E+04 4.441E+03 6.622E+03 9.316E+06 6.400E+06 5.726E+06
 Z                 18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   9.898E+03 8.036E+03 8.542E+03 1.414E+07 3.305E+06 8.098E+06 9.898E+03 8.036E+03 8.542E+03 1.414E+07 6.457E+06 1.106E+07
 GRAND TOTAL 5.230E+04 2.298E+04 2.645E+04 2.423E+07 1.824E+07 1.664E+07 5.230E+04 2.298E+04 2.645E+04 2.423E+07 2.599E+07 2.459E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 151)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        79        29        18        18        79        18        79        29        18        29        79
 X MAXIMUM   4.212E+04 6.571E+03 1.108E+04 1.087E+07 1.195E+07 6.896E+06 4.212E+04 6.571E+03 1.108E+04 1.087E+07 1.247E+07 9.235E+06
 Y                 18         2       118         2         8         8        18         2       118         2       118         8
 Y MAXIMUM   1.632E+04 4.441E+03 6.622E+03 9.316E+06 6.400E+06 5.726E+06 1.632E+04 4.441E+03 6.622E+03 9.316E+06 8.030E+06 7.252E+06
 Z                 18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   9.898E+03 8.036E+03 8.542E+03 1.414E+07 6.457E+06 1.106E+07 9.898E+03 8.036E+03 8.542E+03 1.414E+07 9.498E+06 1.392E+07
 GRAND TOTAL 5.230E+04 2.298E+04 2.645E+04 2.423E+07 2.599E+07 2.459E+07 5.230E+04 2.298E+04 2.645E+04 2.423E+07 3.445E+07 3.251E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 152)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        18        30        18        30        18        30        18        30        18        30        18
 X MAXIMUM   4.551E+03 5.598E+03 6.450E+03 6.791E+06 8.922E+06 1.226E+07 4.551E+03 5.598E+03 6.450E+03 6.791E+06 7.123E+06 1.070E+07
 Y                  8        18         2         2         2        18         8        18         2         2         2        18
 Y MAXIMUM   1.968E+03 2.169E+03 3.140E+03 2.749E+06 4.254E+06 4.749E+06 1.968E+03 2.169E+03 3.140E+03 2.749E+06 3.378E+06 4.144E+06
 Z                 30        14        30        14        30        14        30        14        30        14        30        14
 Z MAXIMUM   3.610E+03 2.533E+03 5.116E+03 4.310E+06 7.077E+06 6.835E+06 3.610E+03 2.533E+03 5.116E+03 4.310E+06 5.650E+06 6.128E+06
 GRAND TOTAL 9.569E+03 9.514E+03 1.070E+04 1.131E+07 1.622E+07 1.952E+07 9.569E+03 9.514E+03 1.070E+04 1.131E+07 1.344E+07 1.693E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 153)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        18        30        18        30        18        30        18        30        18        18        18
 X MAXIMUM   4.375E+03 5.775E+03 7.565E+03 6.791E+06 7.123E+06 1.070E+07 4.375E+03 5.775E+03 7.565E+03 6.791E+06 3.641E+06 5.678E+06
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 Y                   8        18         2         2         2        18         8        18         2         2        18        18
 Y MAXIMUM   1.960E+03 2.237E+03 3.199E+03 2.749E+06 3.378E+06 4.144E+06 1.960E+03 2.237E+03 3.199E+03 2.749E+06 1.411E+06 2.200E+06
 Z                  30        14        30        14        30        14        30        14        30        14        11        14
 Z MAXIMUM   3.470E+03 3.106E+03 6.001E+03 4.310E+06 5.650E+06 6.128E+06 3.470E+03 3.106E+03 6.001E+03 4.310E+06 1.445E+06 3.430E+06
 GRAND TOTAL 9.004E+03 9.869E+03 1.239E+04 1.131E+07 1.344E+07 1.693E+07 9.004E+03 9.869E+03 1.239E+04 1.131E+07 4.932E+06 8.681E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 154)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        18        30        18        18        18        30        18        30        18        30        29
 X MAXIMUM   4.108E+03 5.760E+03 8.419E+03 6.791E+06 3.641E+06 5.678E+06 4.108E+03 5.760E+03 8.419E+03 6.791E+06 6.767E+06 1.278E+06
 Y                   8         2         2         2        18        18         8         2         2         2         2         8
 Y MAXIMUM   1.947E+03 2.401E+03 3.257E+03 2.749E+06 1.411E+06 2.200E+06 1.947E+03 2.401E+03 3.257E+03 2.749E+06 2.232E+06 1.028E+06
 Z                  30        14        30        14        11        14        30        14        30        14        30        49
 Z MAXIMUM   3.258E+03 3.853E+03 6.678E+03 4.310E+06 1.445E+06 3.430E+06 3.258E+03 3.853E+03 6.678E+03 4.310E+06 5.368E+06 8.833E+05
 GRAND TOTAL 8.272E+03 9.703E+03 1.384E+04 1.131E+07 4.932E+06 8.681E+06 8.272E+03 9.703E+03 1.384E+04 1.131E+07 1.082E+07 2.759E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 155)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        18        30        18        30        29        30        18        30        18        30        29
 X MAXIMUM   3.969E+03 5.569E+03 8.423E+03 6.791E+06 6.767E+06 1.278E+06 3.969E+03 5.569E+03 8.423E+03 6.791E+06 7.011E+06 1.288E+06
 Y                   8         2         2         2         2         8         8         2         2         2         2         8
 Y MAXIMUM   1.940E+03 2.543E+03 3.269E+03 2.749E+06 2.232E+06 1.028E+06 1.940E+03 2.543E+03 3.269E+03 2.749E+06 2.326E+06 1.060E+06
 Z                  30        14        30        14        30        49        30        14        30        14        30        49
 Z MAXIMUM   3.148E+03 4.159E+03 6.681E+03 4.310E+06 5.368E+06 8.833E+05 3.148E+03 4.159E+03 6.681E+03 4.310E+06 5.561E+06 9.129E+05
 GRAND TOTAL 7.963E+03 9.276E+03 1.396E+04 1.131E+07 1.082E+07 2.759E+06 7.963E+03 9.276E+03 1.396E+04 1.131E+07 1.119E+07 2.783E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 156)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  30        30        18        18        29        30        30        18        18        18        18        30
 X MAXIMUM   3.873E+03 8.416E+03 5.430E+03 6.791E+06 1.288E+06 7.011E+06 8.690E+03 4.964E+03 5.430E+03 5.046E+06 3.700E+06 8.847E+06
 Y                   8         2         2         2         8         2         2        18         2         2        18         2
 Y MAXIMUM   1.935E+03 3.278E+03 2.643E+03 2.749E+06 1.060E+06 2.326E+06 3.286E+03 1.923E+03 2.643E+03 2.678E+06 1.434E+06 3.057E+06
 Z                  30        30        14        14        49        30        30        30        14        14        14        30
 Z MAXIMUM   3.072E+03 6.676E+03 4.371E+03 4.310E+06 9.129E+05 5.561E+06 6.892E+03 2.548E+03 4.371E+03 3.563E+06 1.842E+06 7.017E+06
 GRAND TOTAL 7.780E+03 1.404E+04 9.082E+03 1.131E+07 2.783E+06 1.119E+07 1.384E+04 8.146E+03 9.082E+03 9.173E+06 6.328E+06 1.402E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 156)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        30
 X MAXIMUM   8.416E+03 3.873E+03 5.430E+03 1.558E+06 4.722E+06 8.743E+06
 Y                   2         8         2         2        18         2
 Y MAXIMUM   3.278E+03 1.935E+03 2.643E+03 1.629E+06 1.829E+06 3.053E+06
 Z                  30        30        14        14        14        30
 Z MAXIMUM   6.676E+03 3.072E+03 4.371E+03 1.705E+06 2.644E+06 6.934E+06
 GRAND TOTAL 1.404E+04 7.780E+03 9.082E+03 4.676E+06 8.467E+06 1.403E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 157)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        30        30        30        18        18        18        30
 X MAXIMUM   8.313E+03 3.848E+03 5.248E+03 1.558E+06 4.722E+06 8.743E+06 8.313E+03 3.848E+03 5.248E+03 1.558E+06 4.570E+06 8.631E+06
 Y                   2         8         2         2        18         2         2         8         2         2        18         2
 Y MAXIMUM   3.283E+03 1.922E+03 2.729E+03 1.629E+06 1.829E+06 3.053E+06 3.283E+03 1.922E+03 2.729E+03 1.629E+06 1.770E+06 3.014E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
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 Z MAXIMUM   6.594E+03 3.052E+03 4.510E+03 1.705E+06 2.644E+06 6.934E+06 6.594E+03 3.052E+03 4.510E+03 1.705E+06 2.514E+06 6.846E+06
 GRAND TOTAL 1.399E+04 7.640E+03 8.879E+03 4.676E+06 8.467E+06 1.403E+07 1.399E+04 7.640E+03 8.879E+03 4.676E+06 8.266E+06 1.388E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 158)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        30        30        30        18        18        18        18
 X MAXIMUM   8.071E+03 3.798E+03 4.822E+03 1.558E+06 4.570E+06 8.631E+06 8.071E+03 3.798E+03 4.822E+03 1.558E+06 2.359E+06 6.535E+06
 Y                   2         8         2         2        18         2         2         8         2         2         2        18
 Y MAXIMUM   3.295E+03 1.890E+03 2.929E+03 1.629E+06 1.770E+06 3.014E+06 3.295E+03 1.890E+03 2.929E+03 1.629E+06 2.546E+06 2.532E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
 Z MAXIMUM   6.402E+03 3.012E+03 4.828E+03 1.705E+06 2.514E+06 6.846E+06 6.402E+03 3.012E+03 4.828E+03 1.705E+06 4.424E+06 2.517E+06
 GRAND TOTAL 1.390E+04 7.414E+03 8.879E+03 4.676E+06 8.266E+06 1.388E+07 1.390E+04 7.414E+03 8.879E+03 4.676E+06 7.666E+06 9.809E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 159)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        18        30        30        18        18        18        18
 X MAXIMUM   7.593E+03 4.055E+03 4.030E+03 1.558E+06 2.359E+06 6.535E+06 7.593E+03 4.055E+03 4.030E+03 1.558E+06 8.150E+06 8.527E+06
 Y                   2         8         2         2         2        18         2         8         2         2         2         8
 Y MAXIMUM   3.318E+03 1.647E+03 3.141E+03 1.629E+06 2.546E+06 2.532E+06 3.318E+03 1.647E+03 3.141E+03 1.629E+06 7.060E+06 3.627E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
 Z MAXIMUM   6.023E+03 3.216E+03 4.565E+03 1.705E+06 4.424E+06 2.517E+06 6.023E+03 3.216E+03 4.565E+03 1.705E+06 1.098E+07 2.104E+06
 GRAND TOTAL 1.393E+04 6.854E+03 8.966E+03 4.676E+06 7.666E+06 9.809E+06 1.393E+04 6.854E+03 8.966E+03 4.676E+06 1.906E+07 1.234E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 160)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        30        18        18        18        18        30        30        18        18        18        18
 X MAXIMUM   7.121E+03 4.377E+03 3.424E+03 1.558E+06 8.150E+06 8.527E+06 7.121E+03 4.377E+03 3.424E+03 1.558E+06 9.465E+06 7.961E+06
 Y                   2         2         2         2         2         8         2         2         2         2         2         8
 Y MAXIMUM   3.340E+03 1.392E+03 3.208E+03 1.629E+06 7.060E+06 3.627E+06 3.340E+03 1.392E+03 3.208E+03 1.629E+06 8.292E+06 4.111E+06
 Z                  30        30        14        14        14        30        30        30        14        14        14        30
 Z MAXIMUM   5.648E+03 3.472E+03 3.647E+03 1.705E+06 1.098E+07 2.104E+06 5.648E+03 3.472E+03 3.647E+03 1.705E+06 1.238E+07 3.438E+06
 GRAND TOTAL 1.421E+04 7.147E+03 8.402E+03 4.676E+06 1.906E+07 1.234E+07 1.421E+04 7.147E+03 8.402E+03 4.676E+06 2.205E+07 1.327E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 161)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        29        18        18        18        18        29        29        18        18        18
 X MAXIMUM   3.608E+04 6.632E+03 1.105E+04 9.871E+06 9.381E+06 4.284E+06 3.608E+04 6.632E+03 1.105E+04 9.871E+06 7.028E+06 5.368E+06
 Y                  18         8       118         2         8         8        18         8       118         2         8         8
 Y MAXIMUM   1.398E+04 4.275E+03 9.869E+03 8.265E+06 5.439E+06 3.035E+06 1.398E+04 4.275E+03 9.869E+03 8.265E+06 6.827E+06 4.284E+06
 Z                  18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   8.481E+03 8.075E+03 1.141E+04 1.314E+07 2.356E+06 5.800E+06 8.481E+03 8.075E+03 1.141E+04 1.314E+07 5.688E+06 8.157E+06
 GRAND TOTAL 4.373E+04 2.260E+04 3.196E+04 2.274E+07 1.406E+07 1.111E+07 4.373E+04 2.260E+04 3.196E+04 2.274E+07 1.833E+07 1.690E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 162)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        29        81        29        18        18        18        29        81        29        18
 X MAXIMUM   2.394E+04 5.476E+03 6.248E+03 5.770E+05 3.614E+06 2.726E+06 2.394E+04 5.476E+03 6.248E+03 5.770E+05 2.158E+06 1.450E+06
 Y                  18         8       118        92       118         8        18         8       118        92       118         8
 Y MAXIMUM   9.276E+03 3.150E+03 6.741E+03 4.104E+05 2.942E+06 1.564E+06 9.276E+03 3.150E+03 6.741E+03 4.104E+05 1.371E+06 8.302E+05
 Z                  18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   5.627E+03 8.237E+03 7.379E+03 7.567E+05 3.578E+06 4.095E+06 5.627E+03 8.237E+03 7.379E+03 7.567E+05 1.859E+06 2.176E+06
 GRAND TOTAL 2.836E+04 1.750E+04 1.969E+04 2.121E+06 1.004E+07 8.713E+06 2.836E+04 1.750E+04 1.969E+04 2.121E+06 5.813E+06 4.636E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 163)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        29        81        29        18        18        18        29        81        18        14
 X MAXIMUM   2.341E+04 5.370E+03 6.123E+03 5.770E+05 2.158E+06 1.450E+06 2.341E+04 5.370E+03 6.123E+03 5.770E+05 2.262E+06 1.288E-07
 Y                 18         8       118        92       118         8        18         8       118        92        18         8
 Y MAXIMUM   9.070E+03 3.075E+03 6.623E+03 4.104E+05 1.371E+06 8.302E+05 9.070E+03 3.075E+03 6.623E+03 4.104E+05 8.765E+05 3.461E-07
 Z                 18        14        48        14        48        14        18        14        48        14        18        14
 Z MAXIMUM   5.502E+03 8.058E+03 7.229E+03 7.567E+05 1.859E+06 2.176E+06 5.502E+03 8.058E+03 7.229E+03 7.567E+05 5.317E+05 3.848E-07
 GRAND TOTAL 2.774E+04 1.717E+04 1.931E+04 2.121E+06 5.813E+06 4.636E+06 2.774E+04 1.717E+04 1.931E+04 2.121E+06 2.947E+06 6.430E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 164)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        18        81        18        81        18        29        18        81        18        29        18
 X MAXIMUM   1.397E+03 5.892E+03 1.502E+03 1.456E-11 5.770E+05 2.262E+06 1.397E+03 5.892E+03 1.502E+03 1.456E-11 5.506E-10 2.755E-09
 Y                118        18        92        18        92        18       118        18        92        18        12        18
 Y MAXIMUM   1.642E+03 2.283E+03 1.069E+03 1.535E-11 4.104E+05 8.765E+05 1.642E+03 2.283E+03 1.069E+03 1.535E-11 1.217E-09 9.561E-10
 Z                 48        18        14        30        14        18        48        18        14        30        12        18
 Z MAXIMUM   1.672E+03 1.385E+03 1.971E+03 1.095E-11 7.567E+05 5.317E+05 1.672E+03 1.385E+03 1.971E+03 1.095E-11 1.564E-09 9.082E-10
 GRAND TOTAL 4.579E+03 7.676E+03 5.524E+03 3.842E-11 2.121E+06 2.947E+06 4.579E+03 7.676E+03 5.524E+03 3.842E-11 2.943E-09 3.352E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 165)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        29        18        18        18        18        29        29        18        29        18
 X MAXIMUM   3.854E+04 6.731E+03 1.146E+04 9.871E+06 7.028E+06 5.368E+06 3.854E+04 6.731E+03 1.146E+04 9.871E+06 7.616E+06 6.832E+06
 Y                 18         8       118         2         8         8        18         8       118         2       118         8
 Y MAXIMUM   1.493E+04 4.660E+03 1.012E+04 8.265E+06 6.827E+06 4.284E+06 1.493E+04 4.660E+03 1.012E+04 8.265E+06 8.832E+06 6.003E+06
 Z                 18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   9.057E+03 8.847E+03 1.193E+04 1.314E+07 5.688E+06 8.157E+06 9.057E+03 8.847E+03 1.193E+04 1.314E+07 1.009E+07 1.142E+07
 GRAND TOTAL 4.657E+04 2.358E+04 3.302E+04 2.274E+07 1.833E+07 1.690E+07 4.657E+04 2.358E+04 3.302E+04 2.274E+07 2.786E+07 2.520E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 166)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        29        18        29        18        18        29        29        18        29        30
 X MAXIMUM   3.854E+04 6.731E+03 1.146E+04 9.871E+06 7.616E+06 6.832E+06 3.854E+04 6.731E+03 1.146E+04 9.871E+06 1.169E+07 9.061E+06
 Y                 18         8       118         2       118         8        18         8       118         2       118         8
 Y MAXIMUM   1.493E+04 4.660E+03 1.012E+04 8.265E+06 8.832E+06 6.003E+06 1.493E+04 4.660E+03 1.012E+04 8.265E+06 1.243E+07 7.662E+06
 Z                 18        14        48        14        48        14        18        14        48        14        48        14
 Z MAXIMUM   9.057E+03 8.847E+03 1.193E+04 1.314E+07 1.009E+07 1.142E+07 9.057E+03 8.847E+03 1.193E+04 1.314E+07 1.433E+07 1.457E+07
 GRAND TOTAL 4.657E+04 2.358E+04 3.302E+04 2.274E+07 2.786E+07 2.520E+07 4.657E+04 2.358E+04 3.302E+04 2.274E+07 3.850E+07 3.340E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 167)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   6.644E+04 4.158E+04 6.708E+04 1.363E+08 9.788E+07 1.552E+08 6.644E+04 4.158E+04 6.708E+04 1.363E+08 3.997E+07 1.911E+08
 Y                 18        18        18        18        18        18        18        18        18        18         8        18
 Y MAXIMUM   2.574E+04 1.611E+04 2.599E+04 5.282E+07 3.792E+07 6.013E+07 2.574E+04 1.611E+04 2.599E+04 5.282E+07 4.632E+07 7.403E+07
 Z                 14        18        48        18        14        18        14        18        48        18        14        18
 Z MAXIMUM   3.087E+04 9.771E+03 1.804E+04 3.204E+07 7.683E+07 3.647E+07 3.087E+04 9.771E+03 1.804E+04 3.204E+07 7.020E+07 4.491E+07
 GRAND TOTAL 1.015E+05 5.039E+04 9.058E+04 1.620E+08 1.639E+08 1.827E+08 1.015E+05 5.039E+04 9.058E+04 1.620E+08 1.290E+08 2.208E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 168)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        18        18        18        18        18        29        18        18        29        18
 X MAXIMUM   5.898E+04 1.668E+04 5.562E+04 1.393E+08 5.000E+07 1.833E+08 5.898E+04 1.668E+04 5.562E+04 1.393E+08 2.746E+07 1.667E+08
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 Y                 18        29        18        18         8        18        18        29        18        18         8        18
 Y MAXIMUM   2.285E+04 5.702E+03 2.155E+04 5.395E+07 4.849E+07 7.103E+07 2.285E+04 5.702E+03 2.155E+04 5.395E+07 5.274E+07 6.460E+07
 Z                 30        30        30        18        14        14        30        30        30        18        14        14
 Z MAXIMUM   2.164E+04 1.235E+04 1.379E+04 3.273E+07 8.337E+07 4.468E+07 2.164E+04 1.235E+04 1.379E+04 3.273E+07 6.589E+07 4.231E+07
 GRAND TOTAL 9.084E+04 3.486E+04 7.220E+04 1.694E+08 1.437E+08 2.170E+08 9.084E+04 3.486E+04 7.220E+04 1.694E+08 1.224E+08 1.991E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 169)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        29        18        18        18        18        18        18        18
 X MAXIMUM   5.779E+04 2.847E+04 4.599E+04 1.391E+08 2.746E+07 1.668E+08 5.779E+04 2.847E+04 4.599E+04 1.391E+08 7.936E+07 1.306E+08
 Y                 18        18        18        18         8        18        18        18        18        18         8        18
 Y MAXIMUM   2.239E+04 1.103E+04 1.782E+04 5.390E+07 5.274E+07 6.464E+07 2.239E+04 1.103E+04 1.782E+04 5.390E+07 5.312E+07 5.060E+07
 Z                 30        30        14        18        14        14        30        30        14        18        14        14
 Z MAXIMUM   2.064E+04 1.178E+04 1.562E+04 3.270E+07 6.589E+07 4.232E+07 2.064E+04 1.178E+04 1.562E+04 3.270E+07 4.600E+07 3.589E+07
 GRAND TOTAL 8.620E+04 4.449E+04 6.193E+04 1.693E+08 1.224E+08 1.993E+08 8.620E+04 4.449E+04 6.193E+04 1.693E+08 1.464E+08 1.682E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 170)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   3.991E+04 5.836E+04 1.417E+04 1.056E+08 7.104E+07 1.077E+08 3.991E+04 5.836E+04 1.417E+04 1.056E+08 7.635E+07 8.588E+07
 Y                 18        18        12         8         8        18        18        18        12         8         8        18
 Y MAXIMUM   1.546E+04 2.261E+04 7.595E+03 5.559E+07 4.042E+07 4.174E+07 1.546E+04 2.261E+04 7.595E+03 5.559E+07 3.807E+07 3.327E+07
 Z                 30        18        14        18        14        14        30        18        14        18        14        14
 Z MAXIMUM   2.080E+04 1.371E+04 2.046E+04 2.482E+07 4.735E+07 3.728E+07 2.080E+04 1.371E+04 2.046E+04 2.482E+07 3.969E+07 3.436E+07
 GRAND TOTAL 6.879E+04 6.983E+04 4.158E+04 1.510E+08 1.399E+08 1.441E+08 6.879E+04 6.983E+04 4.158E+04 1.510E+08 1.355E+08 1.253E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 171)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 18        56        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   3.940E+04 6.474E+03 6.636E+04 1.056E+08 8.528E+07 7.701E+07 3.082E+04 2.454E+04 6.636E+04 4.987E+07 7.361E+07 6.481E+07
 Y                 18         8        18         8        18         8        18        18        18         8        18         8
 Y MAXIMUM   1.526E+04 9.503E+03 2.571E+04 5.559E+07 3.304E+07 3.820E+07 1.194E+04 9.507E+03 2.571E+04 5.514E+07 2.852E+07 2.971E+07
 Z                 30        14        18        18        14        14        48        14        18        30        48        30
 Z MAXIMUM   2.000E+04 2.126E+04 1.560E+04 2.482E+07 3.406E+07 3.995E+07 1.573E+04 1.899E+04 1.560E+04 3.309E+07 3.198E+07 2.428E+07
 GRAND TOTAL 6.732E+04 4.142E+04 7.821E+04 1.510E+08 1.245E+08 1.363E+08 5.506E+04 5.671E+04 7.821E+04 1.178E+08 1.029E+08 1.000E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 171)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        29        18        18
 X MAXIMUM   8.743E+03 3.842E+04 6.636E+04 4.641E+07 2.969E+07 3.342E+07
 Y                  8        18        18         8         8         8
 Y MAXIMUM   9.235E+03 1.488E+04 2.571E+04 3.293E+07 4.519E+07 2.484E+07
 Z                 14        30        18        30        48        18
 Z MAXIMUM   1.990E+04 2.012E+04 1.560E+04 3.490E+07 2.898E+07 7.854E+06
 GRAND TOTAL 4.093E+04 6.762E+04 7.821E+04 9.397E+07 7.707E+07 5.189E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 172)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        29        18        18        18        18        18        29        18        29
 X MAXIMUM   7.895E+03 6.730E+04 4.405E+04 4.641E+07 3.365E+07 2.942E+07 7.895E+03 6.730E+04 4.405E+04 4.641E+07 1.107E+07 1.477E+07
 Y                  8        18        18         8         8         8         8        18        18         8         8         8
 Y MAXIMUM   1.214E+04 2.607E+04 1.706E+04 3.293E+07 2.447E+07 4.539E+07 1.214E+04 2.607E+04 1.706E+04 3.293E+07 2.136E+07 4.099E+07
 Z                 48        18        30        30        18        48        48        18        30        30        57        48
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 Z MAXIMUM   2.183E+04 1.582E+04 1.937E+04 3.490E+07 7.909E+06 2.900E+07 2.183E+04 1.582E+04 1.937E+04 3.490E+07 7.509E+06 2.917E+07
 GRAND TOTAL 4.058E+04 7.955E+04 7.078E+04 9.397E+07 5.185E+07 7.709E+07 4.058E+04 7.955E+04 7.078E+04 9.397E+07 3.873E+07 6.453E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 173)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        29        29        18        18        18        18        29        18        18
 X MAXIMUM   5.221E+04 7.059E+04 4.495E+04 4.295E+07 7.121E+06 6.028E+07 5.221E+04 7.059E+04 4.495E+04 4.295E+07 2.329E+07 9.185E+07
 Y                  18        18         8         8         8         8        18        18         8         8        18         8
 Y MAXIMUM   2.023E+04 2.735E+04 1.830E+04 4.896E+07 1.045E+07 4.643E+07 2.023E+04 2.735E+04 1.830E+04 4.896E+07 9.025E+06 3.872E+07
 Z                  48        14        14        30        57        48        48        14        14        30        30        48
 Z MAXIMUM   2.121E+04 2.417E+04 2.396E+04 3.359E+07 7.164E+06 2.683E+07 2.121E+04 2.417E+04 2.396E+04 3.359E+07 1.168E+07 2.711E+07
 GRAND TOTAL 7.370E+04 8.840E+04 7.498E+04 1.067E+08 2.689E+07 1.041E+08 7.370E+04 8.840E+04 7.498E+04 1.067E+08 4.252E+07 1.287E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 174)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  18        18        18        29        18        18        18         8        18        29        18        18
 X MAXIMUM   6.666E+04 7.015E+04 5.034E+04 4.295E+07 2.329E+07 9.185E+07 9.672E+04 8.051E+03 5.034E+04 4.820E+07 6.102E+07 1.239E+08
 Y                  18        18         8         8        18         8        18         8         8         8        18        18
 Y MAXIMUM   2.582E+04 2.718E+04 2.164E+04 4.896E+07 9.025E+06 3.872E+07 3.747E+04 2.549E+04 2.164E+04 3.988E+07 2.364E+07 4.801E+07
 Z                  48        14        14        30        30        48        14        48        14        30        18        18
 Z MAXIMUM   2.298E+04 2.567E+04 2.633E+04 3.359E+07 1.168E+07 2.711E+07 3.147E+04 1.506E+04 2.633E+04 3.758E+07 1.434E+07 2.912E+07
 GRAND TOTAL 8.890E+04 9.055E+04 7.982E+04 1.067E+08 4.252E+07 1.287E+08 1.210E+05 3.832E+04 7.982E+04 1.107E+08 7.503E+07 1.560E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 174)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18
 X MAXIMUM   7.081E+04 6.595E+04 5.034E+04 7.635E+07 6.343E+07 9.628E+07
 Y                  18        18         8        18         8        18
 Y MAXIMUM   2.743E+04 2.555E+04 2.164E+04 2.958E+07 2.590E+07 3.730E+07
 Z                  14        48        14        14        18        18
 Z MAXIMUM   2.586E+04 2.297E+04 2.633E+04 3.502E+07 1.491E+07 2.263E+07
 GRAND TOTAL 9.127E+04 8.816E+04 7.982E+04 1.194E+08 8.715E+07 1.190E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 175)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   7.010E+04 5.295E+04 7.965E+04 7.635E+07 9.628E+07 6.343E+07 7.010E+04 5.295E+04 7.965E+04 7.635E+07 6.314E+07 8.547E+07
 Y                  18         8        18        18        18         8        18         8        18        18        18        18
 Y MAXIMUM   2.716E+04 2.393E+04 3.086E+04 2.958E+07 3.730E+07 2.590E+07 2.716E+04 2.393E+04 3.086E+04 2.958E+07 2.446E+07 3.311E+07
 Z                  14        14        48        14        18        18        14        14        48        14        42        18
 Z MAXIMUM   2.685E+04 2.728E+04 2.097E+04 3.502E+07 2.263E+07 1.491E+07 2.685E+04 2.728E+04 2.097E+04 3.502E+07 1.519E+07 2.009E+07
 GRAND TOTAL 9.305E+04 8.250E+04 1.022E+05 1.194E+08 1.190E+08 8.715E+07 9.305E+04 8.250E+04 1.022E+05 1.194E+08 8.121E+07 1.013E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 176)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   6.979E+04 5.346E+04 8.521E+04 7.635E+07 6.314E+07 8.547E+07 6.979E+04 5.346E+04 8.521E+04 7.635E+07 2.267E+07 1.109E+08
 Y                  18         8        18        18        18        18        18         8        18        18        42        18
 Y MAXIMUM   2.704E+04 2.472E+04 3.301E+04 2.958E+07 2.446E+07 3.311E+07 2.704E+04 2.472E+04 3.301E+04 2.958E+07 1.639E+07 4.295E+07
 Z                  14        14        18        14        42        18        14        14        18        14        42        18
 Z MAXIMUM   2.728E+04 2.761E+04 2.003E+04 3.502E+07 1.519E+07 2.009E+07 2.728E+04 2.761E+04 2.003E+04 3.502E+07 1.636E+07 2.606E+07
 GRAND TOTAL 9.409E+04 8.325E+04 1.079E+05 1.194E+08 8.121E+07 1.013E+08 9.409E+04 8.325E+04 1.079E+05 1.194E+08 4.699E+07 1.275E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 177)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 18        18        18        18        18        18        18         8        18        18        18        18
 X MAXIMUM   6.884E+04 8.166E+04 7.965E+04 7.635E+07 5.586E+07 9.841E+07 1.064E+05 1.332E+04 7.965E+04 4.767E+07 1.340E+07 1.518E+08
 Y                  8        18        18        18        18        18        18         8        18         8        12        18
 Y MAXIMUM   2.851E+04 3.164E+04 3.086E+04 2.958E+07 2.164E+07 3.813E+07 4.123E+04 4.218E+04 3.086E+04 3.019E+07 9.663E+06 5.883E+07
 Z                 14        14        18        14        18        18        14         7        18        30        48        14
 Z MAXIMUM   2.857E+04 3.202E+04 1.872E+04 3.502E+07 1.313E+07 2.313E+07 4.284E+04 1.118E+04 1.872E+04 2.581E+07 2.820E+07 3.892E+07
 GRAND TOTAL 9.819E+04 1.151E+05 9.592E+04 1.194E+08 7.167E+07 1.155E+08 1.414E+05 5.384E+04 9.592E+04 9.226E+07 5.521E+07 1.871E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 177)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18
 X MAXIMUM   8.166E+04 6.884E+04 7.965E+04 5.741E+07 3.691E+07 1.166E+08
 Y                 18         8        18         8        18         8
 Y MAXIMUM   3.164E+04 2.851E+04 3.086E+04 3.003E+07 1.430E+07 8.550E+07
 Z                 14        14        18        48        48        18
 Z MAXIMUM   3.202E+04 2.857E+04 1.872E+04 3.046E+07 2.900E+07 2.741E+07
 GRAND TOTAL 1.151E+05 9.819E+04 9.592E+04 9.409E+07 6.947E+07 1.702E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 178)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   8.181E+04 7.010E+04 8.724E+04 5.741E+07 3.691E+07 1.166E+08 8.181E+04 7.010E+04 8.724E+04 5.741E+07 6.597E+07 9.328E+07
 Y                 18         8        18         8        18         8        18         8        18         8        18         8
 Y MAXIMUM   3.169E+04 3.028E+04 3.380E+04 3.003E+07 1.430E+07 8.550E+07 3.169E+04 3.028E+04 3.380E+04 3.003E+07 2.556E+07 9.559E+07
 Z                 14        14        18        48        48        18        14        14        18        48        48         7
 Z MAXIMUM   3.208E+04 2.967E+04 2.050E+04 3.046E+07 2.900E+07 2.741E+07 3.208E+04 2.967E+04 2.050E+04 3.046E+07 3.051E+07 2.539E+07
 GRAND TOTAL 1.154E+05 1.030E+05 1.038E+05 9.409E+07 6.947E+07 1.702E+08 1.154E+05 1.030E+05 1.038E+05 9.409E+07 9.018E+07 1.576E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 179)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   6.704E+04 7.146E+04 1.122E+05 5.679E+07 8.379E+07 9.323E+07 6.704E+04 7.146E+04 1.122E+05 5.679E+07 1.631E+08 4.275E+07
 Y                  8         8        18         8        18         8         8         8        18         8        18         8
 Y MAXIMUM   3.095E+04 3.731E+04 4.348E+04 3.741E+07 3.246E+07 9.556E+07 3.095E+04 3.731E+04 4.348E+04 3.741E+07 6.318E+07 1.219E+08
 Z                 48        14        18        48        48         7        48        14        18        48        48         7
 Z MAXIMUM   5.217E+04 3.405E+04 2.638E+04 4.642E+07 3.584E+07 2.538E+07 5.217E+04 3.405E+04 2.638E+04 4.642E+07 5.431E+07 3.201E+07
 GRAND TOTAL 1.204E+05 1.216E+05 1.383E+05 9.874E+07 1.113E+08 1.575E+08 1.204E+05 1.216E+05 1.383E+05 9.874E+07 1.957E+08 1.588E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 180)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        30        18        30        18        30        18        30        18        30
 X MAXIMUM   2.231E+04 6.639E+03 1.475E+04 3.682E+03 1.782E+07 7.452E+06 2.231E+04 6.639E+03 1.475E+04 3.682E+03 1.137E+07 4.548E+06
 Y                 18        42        56        42        56        42        18        42        56        42        56        42
 Y MAXIMUM   8.644E+03 1.970E+04 5.805E+03 1.208E+04 7.078E+06 2.318E+07 8.644E+03 1.970E+04 5.805E+03 1.208E+04 4.539E+06 1.456E+07
 Z                 48        42        48        42        48        42        48        42        48        42        48        42
 Z MAXIMUM   2.749E+04 1.967E+04 5.451E+04 1.206E+04 6.634E+07 2.314E+07 2.749E+04 1.967E+04 5.451E+04 1.206E+04 4.250E+07 1.454E+07
 GRAND TOTAL 4.403E+04 4.189E+04 6.526E+04 2.633E+04 7.948E+07 4.982E+07 4.403E+04 4.189E+04 6.526E+04 2.633E+04 5.094E+07 3.154E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 181)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        30        18        30        18        30        18        30        18        30
 X MAXIMUM   2.232E+04 6.639E+03 1.474E+04 1.281E+03 1.137E+07 4.548E+06 2.232E+04 6.639E+03 1.474E+04 1.281E+03 7.604E+06 2.852E+06
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 Y                 18        42        56        42        56        42        18        42        56        42        56        42
 Y MAXIMUM   8.647E+03 1.970E+04 5.805E+03 4.390E+03 4.539E+06 1.456E+07 8.647E+03 1.970E+04 5.805E+03 4.390E+03 3.056E+06 9.529E+06
 Z                 48        42        48        42        48        42        48        42        48        42        48        42
 Z MAXIMUM   2.752E+04 1.967E+04 5.450E+04 4.382E+03 4.250E+07 1.454E+07 2.752E+04 1.967E+04 5.450E+04 4.382E+03 2.858E+07 9.513E+06
 GRAND TOTAL 4.405E+04 4.189E+04 6.525E+04 9.687E+03 5.094E+07 3.154E+07 4.405E+04 4.189E+04 6.525E+04 9.687E+03 3.427E+07 2.088E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 182)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        30        18        30        18        30        18        30        18        30
 X MAXIMUM   1.616E+04 4.873E+03 1.232E+04 1.743E+02 7.604E+06 2.852E+06 1.616E+04 4.873E+03 1.232E+04 1.743E+02 1.512E+06 4.433E+05
 Y                 18        42        56        42        56        42        18        42        56        42        56        42
 Y MAXIMUM   6.262E+03 1.572E+04 4.921E+03 6.924E+02 3.056E+06 9.529E+06 6.262E+03 1.572E+04 4.921E+03 6.924E+02 6.233E+05 1.761E+06
 Z                 48        42        48        42        48        42        48        42        48        42        48        42
 Z MAXIMUM   1.995E+04 1.569E+04 4.608E+04 6.912E+02 2.858E+07 9.513E+06 1.995E+04 1.569E+04 4.608E+04 6.912E+02 5.800E+06 1.758E+06
 GRAND TOTAL 3.192E+04 3.409E+04 5.523E+04 1.599E+03 3.427E+07 2.088E+07 3.192E+04 3.409E+04 5.523E+04 1.599E+03 6.967E+06 4.067E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 183)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18         8        18        30        18        30        18         8        48        29
 X MAXIMUM   2.466E+03 7.762E+02 2.647E+03 8.810E-09 1.512E+06 4.433E+05 2.466E+03 7.762E+02 2.647E+03 8.810E-09 3.897E-08 6.879E-08
 Y                 18        42        56         8        56        42        18        42        56         8        18         8
 Y MAXIMUM   9.555E+02 3.083E+03 1.091E+03 3.018E-08 6.233E+05 1.761E+06 9.555E+02 3.083E+03 1.091E+03 3.018E-08 2.998E-08 1.759E-07
 Z                 48        42        48        42        48        42        48        42        48        42        48         7
 Z MAXIMUM   3.046E+03 3.078E+03 1.016E+04 1.344E-08 5.800E+06 1.758E+06 3.046E+03 3.078E+03 1.016E+04 1.344E-08 2.686E-07 5.991E-08
 GRAND TOTAL 4.872E+03 7.121E+03 1.220E+04 4.751E-08 6.967E+06 4.067E+06 4.872E+03 7.121E+03 1.220E+04 4.751E-08 2.988E-07 2.560E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 184)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18        18        18        18        18        18        18         8
 X MAXIMUM   6.713E+04 7.197E+04 1.146E+05 5.679E+07 1.631E+08 4.276E+07 6.713E+04 7.197E+04 1.146E+05 5.679E+07 2.136E+08 4.378E+07
 Y                  8         8        18         8        18         8         8         8        18         8        18         8
 Y MAXIMUM   3.097E+04 3.784E+04 4.440E+04 3.739E+07 6.318E+07 1.219E+08 3.097E+04 3.784E+04 4.440E+04 3.739E+07 8.274E+07 1.386E+08
 Z                 48        14        48        48        48         7        48        14        48        48        48         7
 Z MAXIMUM   5.240E+04 3.443E+04 2.906E+04 4.643E+07 5.431E+07 3.202E+07 5.240E+04 3.443E+04 2.906E+04 4.643E+07 6.711E+07 3.621E+07
 GRAND TOTAL 1.207E+05 1.237E+05 1.421E+05 9.873E+07 1.957E+08 1.589E+08 1.207E+05 1.237E+05 1.421E+05 9.873E+07 2.548E+08 1.822E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 185)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18         8        18        18        18        18        18         8
 X MAXIMUM   6.712E+04 7.243E+04 1.166E+05 5.679E+07 2.136E+08 4.377E+07 6.712E+04 7.243E+04 1.166E+05 5.679E+07 2.647E+08 4.907E+07
 Y                  8         8        18         8        18         8         8         8        18         8        18         8
 Y MAXIMUM   3.098E+04 3.827E+04 4.519E+04 3.749E+07 8.274E+07 1.386E+08 3.098E+04 3.827E+04 4.519E+04 3.749E+07 1.025E+08 1.553E+08
 Z                 48        14        48        48        48         7        48        14        48        48        48        14
 Z MAXIMUM   5.269E+04 3.474E+04 3.142E+04 4.641E+07 6.711E+07 3.620E+07 5.269E+04 3.474E+04 3.142E+04 4.641E+07 8.089E+07 4.080E+07
 GRAND TOTAL 1.210E+05 1.255E+05 1.453E+05 9.878E+07 2.548E+08 1.822E+08 1.210E+05 1.255E+05 1.453E+05 9.878E+07 3.163E+08 2.175E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 186)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        18        18         8        18        18        18        18        18        30
 X MAXIMUM   6.737E+04 7.276E+04 1.178E+05 5.682E+07 2.647E+08 4.908E+07 6.737E+04 7.276E+04 1.178E+05 5.682E+07 3.058E+08 5.397E+07
 Y                  8         8        18         8        18         8         8         8        18         8        18         8
 Y MAXIMUM   3.101E+04 3.855E+04 4.565E+04 3.728E+07 1.025E+08 1.554E+08 3.101E+04 3.855E+04 4.565E+04 3.728E+07 1.185E+08 1.689E+08
 Z                 48        14        48        48        48        14        48        14        48        48        48        14
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 Z MAXIMUM   5.293E+04 3.495E+04 3.305E+04 4.644E+07 8.089E+07 4.081E+07 5.293E+04 3.495E+04 3.305E+04 4.644E+07 9.243E+07 5.301E+07
 GRAND TOTAL 1.215E+05 1.267E+05 1.474E+05 9.871E+07 3.163E+08 2.175E+08 1.215E+05 1.267E+05 1.474E+05 9.871E+07 3.665E+08 2.511E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 187)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        30        18        18        18        18        18        18
 X MAXIMUM   6.760E+04 7.305E+04 1.187E+05 5.687E+07 3.058E+08 5.396E+07 6.760E+04 7.305E+04 1.187E+05 5.687E+07 3.475E+08 7.167E+07
 Y                   8         8        18         8        18         8         8         8        18         8        18         8
 Y MAXIMUM   3.104E+04 3.874E+04 4.599E+04 3.712E+07 1.185E+08 1.689E+08 3.104E+04 3.874E+04 4.599E+04 3.712E+07 1.346E+08 1.825E+08
 Z                  48        14        48        48        48        14        48        14        48        48        48        14
 Z MAXIMUM   5.328E+04 3.512E+04 3.425E+04 4.647E+07 9.243E+07 5.301E+07 5.328E+04 3.512E+04 3.425E+04 4.647E+07 1.045E+08 6.535E+07
 GRAND TOTAL 1.221E+05 1.277E+05 1.489E+05 9.868E+07 3.665E+08 2.511E+08 1.221E+05 1.277E+05 1.489E+05 9.868E+07 4.178E+08 2.881E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 188)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   7.039E+04 9.069E+04 6.557E+04 1.221E+08 8.714E+07 1.595E+08 7.039E+04 9.069E+04 6.557E+04 1.221E+08 8.777E+07 1.587E+08
 Y                  18        18        18        18         8        18        18        18        18        18         8        18
 Y MAXIMUM   2.727E+04 3.514E+04 2.540E+04 4.732E+07 3.470E+07 6.181E+07 2.727E+04 3.514E+04 2.540E+04 4.732E+07 3.454E+07 6.147E+07
 Z                  14        18        48        18        14        18        14        18        48        18        14        18
 Z MAXIMUM   4.058E+04 2.132E+04 2.604E+04 2.870E+07 6.263E+07 3.749E+07 4.058E+04 2.132E+04 2.604E+04 2.870E+07 6.268E+07 3.729E+07
 GRAND TOTAL 1.118E+05 1.044E+05 1.020E+05 1.476E+08 1.476E+08 1.860E+08 1.118E+05 1.044E+05 1.020E+05 1.476E+08 1.480E+08 1.850E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 189)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  18        18        18        18        18        18        18        29        18        18        18        18
 X MAXIMUM   7.125E+04 6.796E+04 1.056E+05 1.221E+08 1.593E+08 8.660E+07 9.785E+04 1.489E+04 1.056E+05 3.140E+07 1.098E+08 1.244E+08
 Y                  18        18        18        18        18         8        18         8        18         8        18        18
 Y MAXIMUM   2.760E+04 2.633E+04 4.090E+04 4.732E+07 6.171E+07 3.449E+07 3.791E+04 3.106E+04 4.090E+04 2.083E+07 4.255E+07 4.821E+07
 Z                  14        48        18        18        18        14        14        14        18        14        18        14
 Z MAXIMUM   4.438E+04 2.732E+04 2.481E+04 2.871E+07 3.744E+07 6.277E+07 3.779E+04 2.363E+04 2.481E+04 1.676E+07 2.581E+07 5.340E+07
 GRAND TOTAL 1.166E+05 1.052E+05 1.221E+05 1.476E+08 1.856E+08 1.473E+08 1.454E+05 5.934E+04 1.221E+05 6.289E+07 1.286E+08 1.733E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 189)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        29        29        18
 X MAXIMUM   8.450E+04 5.054E+04 1.056E+05 1.186E+07 1.712E+07 1.054E+08
 Y                  18         8        18         8        42        18
 Y MAXIMUM   3.274E+04 3.132E+04 4.090E+04 1.770E+07 1.473E+07 4.085E+07
 Z                  48        14        18        35        42        18
 Z MAXIMUM   2.973E+04 4.168E+04 2.481E+04 2.363E+07 1.470E+07 2.478E+07
 GRAND TOTAL 1.255E+05 9.432E+04 1.221E+05 4.540E+07 4.459E+07 1.389E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 190)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        29        18        29        18        18        18        29        18        18
 X MAXIMUM   8.494E+04 1.221E+05 5.177E+04 1.186E+07 1.053E+08 1.741E+07 8.494E+04 1.221E+05 5.177E+04 1.186E+07 7.097E+07 6.450E+07
 Y                  18        18         8         8        18        42        18        18         8         8         8        18
 Y MAXIMUM   3.291E+04 4.729E+04 3.337E+04 1.770E+07 4.080E+07 1.470E+07 3.291E+04 4.729E+04 3.337E+04 1.770E+07 4.116E+07 2.499E+07
 Z                  48        18        14        35        18        48        48        18        14        35        18        18
 Z MAXIMUM   3.045E+04 2.869E+04 4.602E+04 2.363E+07 2.475E+07 1.480E+07 3.045E+04 2.869E+04 4.602E+04 2.363E+07 1.668E+07 1.516E+07
 GRAND TOTAL 1.267E+05 1.419E+05 1.008E+05 4.540E+07 1.387E+08 4.518E+07 1.267E+05 1.419E+05 1.008E+05 4.540E+07 1.019E+08 8.824E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 191)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        29        18        18        18        18        18        29         8        18
 X MAXIMUM   8.535E+04 1.340E+05 5.376E+04 1.186E+07 7.097E+07 6.450E+07 8.535E+04 1.340E+05 5.376E+04 1.186E+07 3.227E+07 2.984E+08
 Y                 18        18         8         8         8        18        18        18         8         8         8        18
 Y MAXIMUM   3.307E+04 5.192E+04 3.496E+04 1.770E+07 4.116E+07 2.499E+07 3.307E+04 5.192E+04 3.496E+04 1.770E+07 1.022E+08 1.156E+08
 Z                 48        18        14        35        18        18        48        18        14        35        14        18
 Z MAXIMUM   3.112E+04 3.150E+04 4.921E+04 2.363E+07 1.668E+07 1.516E+07 3.112E+04 3.150E+04 4.921E+04 2.363E+07 9.423E+07 7.013E+07
 GRAND TOTAL 1.278E+05 1.566E+05 1.064E+05 4.540E+07 1.019E+08 8.824E+07 1.278E+05 1.566E+05 1.064E+05 4.540E+07 1.811E+08 3.536E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 192)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29         8        18        18        18        35        29        29        18
 X MAXIMUM   8.426E+04 3.342E+04 1.259E+04 1.186E+07 3.227E+07 2.984E+08 8.426E+04 3.342E+04 1.259E+04 1.186E+07 2.609E+07 2.274E+08
 Y                 18        38         8         8         8        18        18        38         8         8         8        18
 Y MAXIMUM   3.264E+04 2.443E+04 1.330E+04 1.772E+07 1.022E+08 1.156E+08 3.264E+04 2.443E+04 1.330E+04 1.772E+07 7.391E+07 8.809E+07
 Z                 48        38        35        35        14        18        48        38        35        35        14        18
 Z MAXIMUM   3.196E+04 1.326E+04 3.201E+04 2.363E+07 9.424E+07 7.013E+07 3.196E+04 1.326E+04 3.201E+04 2.363E+07 6.790E+07 5.344E+07
 GRAND TOTAL 1.283E+05 5.056E+04 4.645E+04 4.541E+07 1.811E+08 3.536E+08 1.283E+05 5.056E+04 4.645E+04 4.541E+07 1.390E+08 2.736E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 193)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29        29        18        18        18        35        29        29        18
 X MAXIMUM   8.485E+04 3.613E+04 9.623E+03 1.186E+07 2.609E+07 2.274E+08 8.485E+04 3.613E+04 9.623E+03 1.186E+07 3.924E+07 1.506E+08
 Y                 18        38         8         8         8        18        18        38         8         8         8        38
 Y MAXIMUM   3.287E+04 1.706E+04 1.374E+04 1.772E+07 7.391E+07 8.809E+07 3.287E+04 1.706E+04 1.374E+04 1.772E+07 4.472E+07 6.548E+07
 Z                 48        38        35        35        14        18        48        38        35        35        35        38
 Z MAXIMUM   3.294E+04 9.258E+03 2.447E+04 2.363E+07 6.790E+07 5.344E+07 3.294E+04 9.258E+03 2.447E+04 2.363E+07 8.828E+07 3.554E+07
 GRAND TOTAL 1.301E+05 4.806E+04 3.893E+04 4.541E+07 1.390E+08 2.736E+08 1.301E+05 4.806E+04 3.893E+04 4.541E+07 1.416E+08 2.018E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 194)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29        29        18        18        18        35        29        29        18
 X MAXIMUM   8.512E+04 3.858E+04 7.893E+03 1.185E+07 3.924E+07 1.506E+08 8.512E+04 3.858E+04 7.893E+03 1.185E+07 4.564E+07 1.026E+08
 Y                 18        18         8         8         8        38        18        18         8         8        35        38
 Y MAXIMUM   3.298E+04 1.495E+04 1.408E+04 1.771E+07 4.472E+07 6.548E+07 3.298E+04 1.495E+04 1.408E+04 1.771E+07 3.660E+07 8.149E+07
 Z                 48        18        35        35        35        38        48        18        35        35        35        38
 Z MAXIMUM   3.337E+04 9.066E+03 2.007E+04 2.365E+07 8.827E+07 3.554E+07 3.337E+04 9.066E+03 2.007E+04 2.365E+07 1.133E+08 4.423E+07
 GRAND TOTAL 1.309E+05 4.861E+04 3.535E+04 4.541E+07 1.416E+08 2.018E+08 1.309E+05 4.861E+04 3.535E+04 4.541E+07 1.570E+08 1.668E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 195)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        29        29        29        18        18        18        29        29        29        18
 X MAXIMUM   9.063E+04 6.158E+04 1.706E+04 3.520E+07 2.102E+07 7.752E+07 9.063E+04 6.158E+04 1.706E+04 3.520E+07 1.106E+07 4.156E+07
 Y                 18        38         8         8         8        18        18        38         8         8         8        18
 Y MAXIMUM   3.511E+04 2.909E+04 1.910E+04 2.242E+07 2.216E+07 3.003E+07 3.511E+04 2.909E+04 1.910E+04 2.242E+07 1.100E+07 1.610E+07
 Z                 48        38        35        35        35        18        48        38        35        35        35        18
 Z MAXIMUM   3.699E+04 1.579E+04 4.327E+04 3.822E+07 4.740E+07 1.822E+07 3.699E+04 1.579E+04 4.327E+04 3.822E+07 2.213E+07 9.768E+06
 GRAND TOTAL 1.411E+05 8.489E+04 6.535E+04 7.990E+07 7.724E+07 1.038E+08 1.411E+05 8.489E+04 6.535E+04 7.990E+07 4.023E+07 5.502E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 196)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        35        35        18        18        18        35        35        35        18
 X MAXIMUM   1.211E+04 2.026E+04 2.491E+04 7.694E+05 3.552E+07 2.505E+07 1.211E+04 2.026E+04 2.491E+04 7.694E+05 2.781E+07 1.877E+07
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 Y                 38        38        35        35        35        38        38        38        35        35        35        38
 Y MAXIMUM   2.216E+04 3.702E+04 2.047E+04 6.321E+05 2.918E+07 5.175E+07 2.216E+04 3.702E+04 2.047E+04 6.321E+05 2.284E+07 4.029E+07
 Z                 38        38        35        35        35        38        38        38        35        35        35        38
 Z MAXIMUM   1.202E+04 2.009E+04 6.333E+04 1.956E+06 9.031E+07 2.809E+07 1.202E+04 2.009E+04 6.333E+04 1.956E+06 7.069E+07 2.187E+07
 GRAND TOTAL 3.866E+04 5.644E+04 8.270E+04 2.692E+06 1.194E+08 7.882E+07 3.866E+04 5.644E+04 8.270E+04 2.692E+06 9.435E+07 6.191E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 197)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                135        18        35        29        35        18       135        18        35        29        29        18
 X MAXIMUM   1.219E+03 9.847E+03 7.914E+03 5.563E-07 1.363E+06 1.695E+06 1.219E+03 9.847E+03 7.914E+03 5.563E-07 3.274E-07 1.450E-07
 Y                125        38        35        35        35        38       125        38        35        35         8        38
 Y MAXIMUM   2.687E+03 1.660E+04 6.502E+03 3.048E-07 1.119E+06 2.858E+06 2.687E+03 1.660E+04 6.502E+03 3.048E-07 2.156E-07 3.662E-07
 Z                 48        38        35        35        35        38        48        38        35        35        14        38
 Z MAXIMUM   1.792E+03 9.008E+03 2.012E+04 7.781E-07 3.464E+06 1.551E+06 1.792E+03 9.008E+03 2.012E+04 7.781E-07 1.943E-07 1.530E-07
 GRAND TOTAL 7.778E+03 2.651E+04 2.718E+04 1.285E-06 4.679E+06 4.564E+06 7.778E+03 2.651E+04 2.718E+04 1.285E-06 5.670E-07 5.148E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 198)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29        35        18        18        18        35        29        35        18
 X MAXIMUM   4.964E+03 1.027E+04 1.508E+04 7.781E+04 2.674E+07 1.708E+07 4.964E+03 1.027E+04 1.508E+04 7.781E+04 1.226E+07 7.212E+06
 Y                 38        38        35       138        35        38        38        38        35       138        35        38
 Y MAXIMUM   9.048E+03 2.107E+04 1.239E+04 1.093E+05 2.197E+07 3.743E+07 9.048E+03 2.107E+04 1.239E+04 1.093E+05 1.007E+07 1.720E+07
 Z                 38        38        35        35        35        38        38        38        35        35        35        38
 Z MAXIMUM   4.911E+03 1.144E+04 3.833E+04 1.922E+05 6.797E+07 2.031E+07 4.911E+03 1.144E+04 3.833E+04 1.922E+05 3.117E+07 9.333E+06
 GRAND TOTAL 1.596E+04 3.211E+04 5.098E+04 3.479E+05 9.114E+07 5.806E+07 1.596E+04 3.211E+04 5.098E+04 3.479E+05 4.252E+07 2.780E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 199)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35       138        35        18        18        18        35       138        35        77
 X MAXIMUM   3.034E+03 6.788E+03 1.083E+04 6.036E+04 1.226E+07 7.212E+06 3.034E+03 6.788E+03 1.083E+04 6.036E+04 9.281E+06 5.490E+06
 Y                 38        38        35       138        35        38        38        38        35       138        35        38
 Y MAXIMUM   5.546E+03 1.506E+04 8.895E+03 1.099E+05 1.007E+07 1.720E+07 5.546E+03 1.506E+04 8.895E+03 1.099E+05 7.625E+06 1.306E+07
 Z                 38        38        35        35        35        38        38        38        35        35        35        38
 Z MAXIMUM   3.010E+03 8.171E+03 2.753E+04 4.821E+04 3.117E+07 9.333E+06 3.010E+03 8.171E+03 2.753E+04 4.821E+04 2.360E+07 7.086E+06
 GRAND TOTAL 9.735E+03 2.345E+04 3.703E+04 2.415E+05 4.252E+07 2.780E+07 9.735E+03 2.345E+04 3.703E+04 2.415E+05 3.238E+07 2.143E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 200)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29        35        77        18        18        35        29        35        77
 X MAXIMUM   2.933E+03 6.796E+03 1.077E+04 9.582E+04 9.271E+06 5.469E+06 2.933E+03 6.796E+03 1.077E+04 9.582E+04 6.521E+06 4.338E+06
 Y                 38        38        35        35        35        38        38        38        35        35        35        38
 Y MAXIMUM   5.348E+03 1.507E+04 8.851E+03 7.846E+04 7.617E+06 1.303E+07 5.348E+03 1.507E+04 8.851E+03 7.846E+04 5.358E+06 9.185E+06
 Z                 38        38        35        35        35        38        38        38        35        35        35        38
 Z MAXIMUM   2.903E+03 8.181E+03 2.739E+04 2.428E+05 2.357E+07 7.073E+06 2.903E+03 8.181E+03 2.739E+04 2.428E+05 1.658E+07 4.985E+06
 GRAND TOTAL 9.476E+03 2.347E+04 3.684E+04 3.573E+05 3.235E+07 2.138E+07 9.476E+03 2.347E+04 3.684E+04 3.573E+05 2.303E+07 1.552E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 201)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        77        35        35        35        77        18        77        35        35        35        77
 X MAXIMUM   1.052E+03 3.751E+03 5.689E+03 2.963E+05 6.515E+06 4.338E+06 1.052E+03 3.751E+03 5.689E+03 2.963E+05 4.663E+06 3.117E+06
 Y                 38        38        35        35        35        38        38        38        35        35        35        38
 Y MAXIMUM   1.840E+03 8.092E+03 4.674E+03 2.434E+05 5.353E+06 9.185E+06 1.840E+03 8.092E+03 4.674E+03 2.434E+05 3.831E+06 6.550E+06
 Z                 38        38        35        35        35        38        38        38        35        35        35        38
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 Z MAXIMUM   9.986E+02 4.392E+03 1.446E+04 7.533E+05 1.656E+07 4.985E+06 9.986E+02 4.392E+03 1.446E+04 7.533E+05 1.186E+07 3.555E+06
 GRAND TOTAL 3.466E+03 1.362E+04 2.008E+04 1.049E+06 2.301E+07 1.552E+07 3.466E+03 1.362E+04 2.008E+04 1.049E+06 1.647E+07 1.109E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 202)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        77        35        18        35        77        18        77        35        18        30        81
 X MAXIMUM   1.188E+03 3.742E+03 5.605E+03 4.855E-09 4.669E+06 3.118E+06 1.188E+03 3.742E+03 5.605E+03 4.855E-09 2.914E-08 1.182E-08
 Y                  38        38        35        35        35        38        38        38        35        35         8         8
 Y MAXIMUM   2.206E+03 7.889E+03 4.605E+03 2.512E-09 3.836E+06 6.572E+06 2.206E+03 7.889E+03 4.605E+03 2.512E-09 2.939E-08 1.062E-08
 Z                  38        38        35        35        35        38        38        38        35        35        35        30
 Z MAXIMUM   1.197E+03 4.282E+03 1.425E+04 6.557E-09 1.187E+07 3.567E+06 1.197E+03 4.282E+03 1.425E+04 6.557E-09 4.628E-08 1.144E-08
 GRAND TOTAL 3.809E+03 1.335E+04 1.980E+04 1.079E-08 1.649E+07 1.112E+07 3.809E+03 1.335E+04 1.980E+04 1.079E-08 8.037E-08 3.155E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 203)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        77        29        35        29        77        18        77        29        35        29        77
 X MAXIMUM   3.844E+01 6.109E+01 5.532E+01 6.073E+03 3.574E+04 2.098E+04 3.844E+01 6.109E+01 5.532E+01 6.073E+03 6.175E+03 1.166E+04
 Y                  38       216       138        35       138        38        38       216       138        35       138       216
 Y MAXIMUM   6.469E+01 5.690E+01 7.151E+01 4.989E+03 4.768E+04 2.316E+04 6.469E+01 5.690E+01 7.151E+01 4.989E+03 9.472E+03 1.456E+04
 Z                  38        38        35        35        35        38        38        38        35        35        35       216
 Z MAXIMUM   3.511E+01 2.662E+01 1.371E+02 1.544E+04 8.844E+04 1.257E+04 3.511E+01 2.662E+01 1.371E+02 1.544E+04 1.520E+04 6.681E+03
 GRAND TOTAL 1.346E+02 1.579E+02 2.393E+02 2.150E+04 1.565E+05 5.584E+04 1.346E+02 1.579E+02 2.393E+02 2.150E+04 2.874E+04 3.174E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 204)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  77        18        29        29        35        77        77        18        29        29       138        18
 X MAXIMUM   6.286E+01 3.932E+01 5.532E+01 5.601E+03 6.592E+03 1.166E+04 6.286E+01 3.932E+01 5.532E+01 5.601E+03 9.496E+03 9.902E+03
 Y                 216        38       138       138        35       216       216        38       138       138       138        38
 Y MAXIMUM   6.123E+01 6.889E+01 7.151E+01 9.284E+03 5.416E+03 1.456E+04 6.123E+01 6.889E+01 7.151E+01 9.284E+03 1.729E+04 2.210E+04
 Z                 216        38        35        35        35       216       216        38        35        35        35        38
 Z MAXIMUM   2.809E+01 3.739E+01 1.371E+02 1.373E+04 1.676E+04 6.681E+03 2.809E+01 3.739E+01 1.371E+02 1.373E+04 2.114E+04 1.199E+04
 GRAND TOTAL 1.607E+02 1.312E+02 2.393E+02 2.704E+04 2.360E+04 3.174E+04 1.607E+02 1.312E+02 2.393E+02 2.704E+04 4.623E+04 3.497E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 205)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  77        77        29        29       138        18        77        77        29        29        29        18
 X MAXIMUM   4.594E+01 1.925E+01 1.376E+01 6.401E+03 8.973E+03 9.902E+03 4.594E+01 1.925E+01 1.376E+01 6.401E+03 1.046E+04 1.278E+04
 Y                  38       216       138       138       138        38        38       216       138       138       138        38
 Y MAXIMUM   4.957E+01 4.544E+01 1.389E+01 1.087E+04 1.633E+04 2.210E+04 4.957E+01 4.544E+01 1.389E+01 1.087E+04 1.864E+04 2.656E+04
 Z                  38       216        35        35        35        38        38       216        35        35        35        38
 Z MAXIMUM   2.690E+01 2.085E+01 3.456E+01 1.566E+04 1.975E+04 1.199E+04 2.690E+01 2.085E+01 3.456E+01 1.566E+04 2.550E+04 1.442E+04
 GRAND TOTAL 1.200E+02 9.248E+01 5.595E+01 3.126E+04 4.349E+04 3.497E+04 1.200E+02 9.248E+01 5.595E+01 3.126E+04 5.226E+04 4.091E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 206)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        77        29        29        29        18        18        77        29        29        35        18
 X MAXIMUM   3.140E+01 4.642E+01 8.649E+01 4.405E+03 1.144E+04 1.278E+04 3.140E+01 4.642E+01 8.649E+01 4.405E+03 2.460E+03 6.104E+03
 Y                  38        38       138       138       138        38        38        38       138       138        35       216
 Y MAXIMUM   6.265E+01 9.713E+01 1.277E+02 7.327E+03 2.030E+04 2.656E+04 6.265E+01 9.713E+01 1.277E+02 7.327E+03 2.021E+03 1.392E+04
 Z                  38        38        35        35        35        38        38        38        35        35        35       216
 Z MAXIMUM   3.400E+01 5.272E+01 2.131E+02 1.080E+04 2.791E+04 1.442E+04 3.400E+01 5.272E+01 2.131E+02 1.080E+04 6.255E+03 6.387E+03
 GRAND TOTAL 1.264E+02 1.881E+02 3.950E+02 2.131E+04 5.704E+04 4.091E+04 1.264E+02 1.881E+02 3.950E+02 2.131E+04 8.700E+03 2.940E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 207)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 77        18        29        35        29        18        77        18        29        35        29        18
 X MAXIMUM   4.627E+01 2.976E+01 8.649E+01 2.294E+03 4.496E+03 6.104E+03 4.627E+01 2.976E+01 8.649E+01 2.294E+03 4.373E+04 1.049E+04
 Y                 38        38       138        35       138       216        38        38       138        35       138        38
 Y MAXIMUM   9.949E+01 5.884E+01 1.277E+02 1.885E+03 7.328E+03 1.392E+04 9.949E+01 5.884E+01 1.277E+02 1.885E+03 6.385E+04 2.182E+04
 Z                 38        38        35        35        35       216        38        38        35        35        35        38
 Z MAXIMUM   5.399E+01 3.194E+01 2.131E+02 5.832E+03 1.103E+04 6.387E+03 5.399E+01 3.194E+01 2.131E+02 5.832E+03 1.078E+05 1.184E+04
 GRAND TOTAL 1.891E+02 1.250E+02 3.950E+02 8.124E+03 2.154E+04 2.940E+04 1.891E+02 1.250E+02 3.950E+02 8.124E+03 1.987E+05 4.151E+04
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 208)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        35        29        29        18        18        18        35        29        18        18
 X MAXIMUM   9.074E+04 6.240E+04 1.758E+04 3.520E+07 1.106E+07 4.156E+07 9.074E+04 6.240E+04 1.758E+04 3.520E+07 1.015E+07 1.947E+07
 Y                 18        38         8         8         8        18        18        38         8         8         8        38
 Y MAXIMUM   3.516E+04 3.043E+04 1.921E+04 2.242E+07 1.100E+07 1.610E+07 3.516E+04 3.043E+04 1.921E+04 2.242E+07 7.780E+06 1.700E+07
 Z                 48        38        35        35        35        18        48        38        35        35        35        38
 Z MAXIMUM   3.717E+04 1.651E+04 4.470E+04 3.822E+07 2.213E+07 9.768E+06 3.717E+04 1.651E+04 4.470E+04 3.822E+07 2.159E+07 9.229E+06
 GRAND TOTAL 1.415E+05 8.674E+04 6.712E+04 7.990E+07 4.023E+07 5.502E+07 1.415E+05 8.674E+04 6.712E+04 7.990E+07 3.082E+07 3.457E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 209)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        18        29        18        18        18        18        18        29        29        18
 X MAXIMUM   9.191E+04 3.090E+03 2.554E+03 3.520E+07 1.014E+07 1.947E+07 9.191E+04 3.090E+03 2.554E+03 3.520E+07 8.987E+06 3.193E+07
 Y                 18       125        18         8         8        38        18       125        18         8         8        38
 Y MAXIMUM   3.561E+04 2.338E+03 9.894E+02 2.242E+07 7.773E+06 1.700E+07 3.561E+04 2.338E+03 9.894E+02 2.242E+07 9.276E+06 1.477E+07
 Z                 48        76        14        35        35        38        48        76        14        35        35        38
 Z MAXIMUM   3.806E+04 7.430E+02 1.462E+03 3.823E+07 2.158E+07 9.229E+06 3.806E+04 7.430E+02 1.462E+03 3.823E+07 2.211E+07 8.014E+06
 GRAND TOTAL 1.440E+05 6.033E+03 4.713E+03 7.990E+07 3.080E+07 3.457E+07 1.440E+05 6.033E+03 4.713E+03 7.990E+07 3.490E+07 4.826E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 210)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18       125        18        29        29        18        18       125        18        29        35        18
 X MAXIMUM   9.244E+04 2.340E+03 2.745E+03 3.529E+07 8.638E+06 3.193E+07 9.244E+04 2.340E+03 2.745E+03 3.529E+07 9.898E+06 2.972E+07
 Y                 18       125       126         8         8        38        18       125       126         8         8       125
 Y MAXIMUM   3.582E+04 2.520E+04 4.406E+03 2.252E+07 9.053E+06 1.477E+07 3.582E+04 2.520E+04 4.406E+03 2.252E+07 8.578E+06 3.422E+07
 Z                 48       126       128        35        35        38        48       126       128        35        35        38
 Z MAXIMUM   3.894E+04 2.149E+03 7.184E+03 3.844E+07 2.173E+07 8.014E+06 3.894E+04 2.149E+03 7.184E+03 3.844E+07 2.516E+07 1.080E+07
 GRAND TOTAL 1.461E+05 3.197E+04 1.193E+04 8.014E+07 3.434E+07 4.826E+07 1.461E+05 3.197E+04 1.193E+04 8.014E+07 3.844E+07 6.196E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 211)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        29        82        19        29        29        19        29        29
 X MAXIMUM   1.850E+04 1.186E+04 3.201E+04 8.374E+06 4.551E+07 6.799E+06 1.850E+04 1.186E+04 3.201E+04 8.374E+06 3.411E+07 6.725E+06
 Y                 19       119        29         7        29         7        19       119        29         7        29         7
 Y MAXIMUM   6.974E+03 1.249E+04 1.094E+04 4.652E+06 1.556E+07 1.561E+07 6.974E+03 1.249E+04 1.094E+04 4.652E+06 1.166E+07 1.413E+07
 Z                 19        14        19        14        19         7        19        14        19        14        19         7
 Z MAXIMUM   8.295E+03 2.061E+04 8.751E+03 7.798E+06 1.399E+07 1.955E+07 8.295E+03 2.061E+04 8.751E+03 7.798E+06 1.087E+07 1.769E+07
 GRAND TOTAL 2.490E+04 3.378E+04 4.766E+04 1.816E+07 6.897E+07 3.880E+07 2.490E+04 3.378E+04 4.766E+04 1.816E+07 5.209E+07 3.283E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 212)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        29        29        19        29        29        19        29        29
 X MAXIMUM   1.850E+04 1.186E+04 3.201E+04 8.374E+06 3.411E+07 6.725E+06 1.850E+04 1.186E+04 3.201E+04 8.374E+06 2.230E+07 1.110E+07
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 Y                 19       119        29         7        29         7        19       119        29         7        29         7
 Y MAXIMUM   6.974E+03 1.249E+04 1.094E+04 4.652E+06 1.166E+07 1.413E+07 6.974E+03 1.249E+04 1.094E+04 4.652E+06 7.623E+06 1.259E+07
 Z                 19        14        19        14        19         7        19        14        19        14        19         7
 Z MAXIMUM   8.295E+03 2.061E+04 8.751E+03 7.798E+06 1.087E+07 1.769E+07 8.295E+03 2.061E+04 8.751E+03 7.798E+06 7.646E+06 1.577E+07
 GRAND TOTAL 2.490E+04 3.378E+04 4.766E+04 1.816E+07 5.209E+07 3.283E+07 2.490E+04 3.378E+04 4.766E+04 1.816E+07 3.470E+07 3.065E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 213)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        19        29        29        19        29        29        19        29        29
 X MAXIMUM   1.745E+04 1.160E+04 3.063E+04 8.374E+06 2.230E+07 1.110E+07 1.745E+04 1.160E+04 3.063E+04 8.374E+06 1.335E+07 1.449E+07
 Y                 19       119        29         7        29         7        19       119        29         7        29         7
 Y MAXIMUM   6.577E+03 1.209E+04 1.047E+04 4.652E+06 7.623E+06 1.259E+07 6.577E+03 1.209E+04 1.047E+04 4.652E+06 4.565E+06 1.144E+07
 Z                 19        14        19        14        19         7        19        14        19        14        19        14
 Z MAXIMUM   7.823E+03 1.910E+04 8.148E+03 7.798E+06 7.646E+06 1.577E+07 7.823E+03 1.910E+04 8.148E+03 7.798E+06 5.266E+06 1.465E+07
 GRAND TOTAL 2.336E+04 3.227E+04 4.546E+04 1.816E+07 3.470E+07 3.065E+07 2.336E+04 3.227E+04 4.546E+04 1.816E+07 2.183E+07 3.223E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 214)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        82        29        29        19        29        29        82        29        19
 X MAXIMUM   1.058E+04 8.632E+03 1.903E+04 2.039E+06 9.575E+06 3.693E+06 1.058E+04 8.632E+03 1.903E+04 2.039E+06 5.142E+06 1.954E+06
 Y                 19       119        29       119        29       119        19       119        29       119        29       119
 Y MAXIMUM   3.988E+03 8.405E+03 6.504E+03 1.818E+06 3.273E+06 3.694E+06 3.988E+03 8.405E+03 6.504E+03 1.818E+06 1.758E+06 1.736E+06
 Z                 14        14        19        48        19        14        14        14        19        48        19        14
 Z MAXIMUM   8.590E+03 1.499E+04 5.921E+03 4.826E+05 3.027E+06 6.708E+06 8.590E+03 1.499E+04 5.921E+03 4.826E+05 1.647E+06 3.216E+06
 GRAND TOTAL 1.999E+04 2.335E+04 3.121E+04 4.602E+06 1.570E+07 1.096E+07 1.999E+04 2.335E+04 3.121E+04 4.602E+06 8.427E+06 5.710E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 215)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        29        29        19        19        29        30        29        29        19        19        29
 X MAXIMUM   1.350E+03 7.055E+03 4.752E+03 5.873E+06 7.312E+06 1.856E+07 1.350E+03 7.055E+03 4.752E+03 5.873E+06 6.865E+06 1.585E+07
 Y                 31         7         9         9         8         7        31         7         9         9         8         7
 Y MAXIMUM   2.124E+03 4.618E+03 1.701E+03 2.443E+06 4.492E+06 1.026E+07 2.124E+03 4.618E+03 1.701E+03 2.443E+06 4.201E+06 8.485E+06
 Z                 31        14        14        14        14        14        31        14        14        14        14        14
 Z MAXIMUM   3.723E+03 1.367E+04 3.814E+03 3.260E+06 7.794E+06 2.111E+07 3.723E+03 1.367E+04 3.814E+03 3.260E+06 6.329E+06 1.586E+07
 GRAND TOTAL 7.564E+03 1.937E+04 8.965E+03 9.100E+06 1.718E+07 3.723E+07 7.564E+03 1.937E+04 8.965E+03 9.100E+06 1.480E+07 3.004E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 216)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        29        82        29        19        19        29        29        82        19        19
 X MAXIMUM   1.035E+04 8.482E+03 1.864E+04 2.039E+06 5.142E+06 1.954E+06 1.035E+04 8.482E+03 1.864E+04 2.039E+06 1.892E+05 1.068E+06
 Y                 19       119        29       119        29       119        19       119        29       119       114       114
 Y MAXIMUM   3.901E+03 8.233E+03 6.373E+03 1.818E+06 1.758E+06 1.736E+06 3.901E+03 8.233E+03 6.373E+03 1.818E+06 1.133E+05 6.392E+05
 Z                 14        14        19        48        19        14        14        14        19        48        14        14
 Z MAXIMUM   8.394E+03 1.465E+04 5.787E+03 4.826E+05 1.647E+06 3.216E+06 8.394E+03 1.465E+04 5.787E+03 4.826E+05 1.311E+05 7.394E+05
 GRAND TOTAL 1.955E+04 2.289E+04 3.061E+04 4.602E+06 8.427E+06 5.710E+06 1.955E+04 2.289E+04 3.061E+04 4.602E+06 4.018E+05 2.267E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 217)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        19        82        29        82        19        19        19        82        29        29        19
 X MAXIMUM   1.248E+03 2.824E+03 5.312E+03 1.644E-10 2.039E+06 1.084E+06 1.248E+03 2.824E+03 5.312E+03 1.644E-10 3.815E-09 2.260E-09
 Y                119       114       119        29       119       114       119       114       119        29        19        19
 Y MAXIMUM   1.975E+03 1.691E+03 4.735E+03 6.870E-11 1.818E+06 6.492E+05 1.975E+03 1.691E+03 4.735E+03 6.870E-11 1.504E-09 1.072E-09
 Z                 14        14        48        14        48        14        14        14        48        14        19        14
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 Z MAXIMUM   3.406E+03 1.956E+03 1.257E+03 7.772E-11 4.826E+05 7.509E+05 3.406E+03 1.956E+03 1.257E+03 7.772E-11 1.054E-09 2.338E-09
 GRAND TOTAL 5.289E+03 5.997E+03 1.199E+04 2.421E-10 4.602E+06 2.302E+06 5.289E+03 5.997E+03 1.199E+04 2.421E-10 5.330E-09 4.230E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 218)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        29        68        19        19        29        30        29        68        19        19        29
 X MAXIMUM   1.317E+03 8.254E+03 3.043E+03 5.790E+06 6.865E+06 1.583E+07 1.317E+03 8.254E+03 3.043E+03 5.790E+06 3.782E+06 6.414E+06
 Y                  31         7         9         9         8         7        31         7         9         9         9         7
 Y MAXIMUM   2.155E+03 4.931E+03 1.747E+03 2.425E+06 4.201E+06 8.511E+06 2.155E+03 4.931E+03 1.747E+03 2.425E+06 4.263E+06 2.882E+06
 Z                  14        14        14        14        14        14        14        14        14        14         9         7
 Z MAXIMUM   4.954E+03 1.463E+04 4.121E+03 2.905E+06 6.329E+06 1.593E+07 4.954E+03 1.463E+04 4.121E+03 2.905E+06 3.360E+06 3.609E+06
 GRAND TOTAL 8.220E+03 2.086E+04 8.474E+03 8.818E+06 1.480E+07 3.013E+07 8.220E+03 2.086E+04 8.474E+03 8.818E+06 9.190E+06 9.601E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 219)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  14        29        19        19        19        29        14        29        19        19        29        14
 X MAXIMUM   1.420E+03 9.322E+03 4.268E+03 5.790E+06 3.782E+06 6.414E+06 1.420E+03 9.322E+03 4.268E+03 5.790E+06 2.103E+06 2.627E+06
 Y                  31         7         9         9         9         7        31         7         9         9         9         8
 Y MAXIMUM   2.182E+03 5.119E+03 1.815E+03 2.425E+06 4.263E+06 2.882E+06 2.182E+03 5.119E+03 1.815E+03 2.425E+06 5.645E+06 1.280E+06
 Z                  14        14        14        14         9         7        14        14        14        14         9        14
 Z MAXIMUM   6.650E+03 1.515E+04 4.401E+03 2.905E+06 3.360E+06 3.609E+06 6.650E+03 1.515E+04 4.401E+03 2.905E+06 4.449E+06 1.230E+07
 GRAND TOTAL 9.336E+03 2.180E+04 8.283E+03 8.817E+06 9.190E+06 9.601E+06 9.336E+03 2.180E+04 8.283E+03 8.817E+06 8.668E+06 1.371E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 220)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  14        29        19        19        29        14        29        29        19        19        19        14
 X MAXIMUM   1.623E+03 9.777E+03 5.125E+03 5.790E+06 2.103E+06 2.627E+06 7.366E+03 6.461E+03 5.125E+03 4.290E+06 3.090E+06 3.325E+06
 Y                  31         7        19         9         9         8         7         8        19         9         9         8
 Y MAXIMUM   2.198E+03 5.167E+03 1.932E+03 2.425E+06 5.645E+06 1.280E+06 4.365E+03 2.944E+03 1.932E+03 5.917E+06 2.785E+06 2.539E+06
 Z                  14        14        14        14         9        14        14        14        14         9         9        14
 Z MAXIMUM   7.597E+03 1.528E+04 4.560E+03 2.905E+06 4.449E+06 1.230E+07 1.617E+04 5.430E+03 4.560E+03 4.664E+06 2.195E+06 1.557E+07
 GRAND TOTAL 1.009E+04 2.212E+04 8.821E+03 8.817E+06 8.668E+06 1.371E+07 2.141E+04 1.152E+04 8.821E+03 1.016E+07 6.943E+06 1.789E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 220)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        14        19        29        19        29
 X MAXIMUM   9.777E+03 1.623E+03 5.125E+03 1.903E+06 3.837E+06 4.164E+06
 Y                   7        31        19         9         9         8
 Y MAXIMUM   5.167E+03 2.198E+03 1.932E+03 6.363E+06 1.706E+06 2.866E+06
 Z                  14        14        14         9        19        14
 Z MAXIMUM   1.528E+04 7.597E+03 4.560E+03 5.016E+06 1.721E+06 1.523E+07
 GRAND TOTAL 2.212E+04 1.009E+04 8.821E+03 9.841E+06 6.040E+06 1.794E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 221)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        14        19        29        19        29        29        14        19        29        19        29
 X MAXIMUM   1.019E+04 1.652E+03 5.792E+03 1.903E+06 3.576E+06 4.223E+06 1.019E+04 1.652E+03 5.792E+03 1.903E+06 1.243E+06 3.323E+06
 Y                   7        31        19         9         9         8         7        31        19         9        44         8
 Y MAXIMUM   5.192E+03 2.206E+03 2.183E+03 6.364E+06 1.480E+06 2.819E+06 5.192E+03 2.206E+03 2.183E+03 6.364E+06 1.231E+06 2.319E+06
 Z                  14        14        14         9        14        14        14        14        14         9        43        14
 Z MAXIMUM   1.540E+04 7.736E+03 5.949E+03 5.016E+06 3.473E+06 1.487E+07 1.540E+04 7.736E+03 5.949E+03 5.016E+06 1.512E+06 8.434E+06
 GRAND TOTAL 2.250E+04 1.018E+04 1.068E+04 9.841E+06 6.815E+06 1.766E+07 2.250E+04 1.018E+04 1.068E+04 9.841E+06 4.322E+06 1.202E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 222)
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	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	14	19	29	19	29	29	14	19	29	19	30
X MAXIMUM	1.067E+04	1.814E+03	6.250E+03	1.903E+06	1.243E+06	3.323E+06	1.067E+04	1.814E+03	6.250E+03	1.903E+06	6.449E+06	2.642E+06
Y	7	31	19	9	44	8	7	31	19	9	19	31
Y MAXIMUM	5.220E+03	2.178E+03	2.356E+03	6.364E+06	1.231E+06	2.319E+06	5.220E+03	2.178E+03	2.356E+03	6.364E+06	2.431E+06	3.750E+06
Z	14	14	14	9	43	14	14	14	14	9	14	31
Z MAXIMUM	1.554E+04	8.492E+03	6.132E+03	5.016E+06	1.512E+06	8.434E+06	1.554E+04	8.492E+03	6.132E+03	5.016E+06	6.584E+06	6.575E+06
GRAND TOTAL	2.307E+04	1.078E+04	1.165E+04	9.841E+06	4.322E+06	1.202E+07	2.307E+04	1.078E+04	1.165E+04	9.841E+06	1.297E+07	1.072E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (223)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	29	43	14	29	30	19	43	29	14	30	30	19
X MAXIMUM	1.154E+04	1.178E+04	1.954E+03	1.903E+06	2.642E+06	6.449E+06	7.722E+03	1.034E+04	1.954E+03	1.668E+06	2.447E+06	6.957E+06
Y	7	44	31	9	31	19	44	43	31	9	31	19
Y MAXIMUM	5.271E+03	1.084E+04	2.128E+03	6.364E+06	3.750E+06	2.431E+06	8.308E+03	7.303E+03	2.128E+03	6.548E+06	3.359E+06	2.623E+06
Z	14	43	14	9	31	14	14	43	14	9	31	14
Z MAXIMUM	1.580E+04	1.471E+04	9.148E+03	5.016E+06	6.575E+06	6.584E+06	1.155E+04	1.116E+04	9.148E+03	5.161E+06	5.889E+06	4.966E+06
GRAND TOTAL	2.447E+04	2.703E+04	1.138E+04	9.841E+06	1.072E+07	1.297E+07	2.468E+04	2.684E+04	1.138E+04	1.195E+07	9.185E+06	1.283E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (223)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	43	29	14	30	19	29
X MAXIMUM	1.178E+04	1.154E+04	1.954E+03	3.020E+06	1.786E+06	8.468E+06
Y	44	7	31	31	9	29
Y MAXIMUM	1.084E+04	5.271E+03	2.128E+03	4.561E+06	6.041E+06	2.895E+06
Z	43	14	14	31	9	43
Z MAXIMUM	1.471E+04	1.580E+04	9.148E+03	7.996E+06	4.762E+06	3.812E+06
GRAND TOTAL	2.703E+04	2.447E+04	1.138E+04	1.240E+07	9.081E+06	1.489E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (224)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	43	29	14	30	19	29	43	29	14	30	19	29
X MAXIMUM	1.155E+04	1.166E+04	1.963E+03	3.020E+06	1.786E+06	8.468E+06	1.155E+04	1.166E+04	1.963E+03	3.020E+06	1.875E+06	9.552E+06
Y	44	7	31	31	9	29	44	7	31	31	9	29
Y MAXIMUM	1.063E+04	5.281E+03	2.146E+03	4.561E+06	6.041E+06	2.895E+06	1.063E+04	5.281E+03	2.146E+03	4.561E+06	5.962E+06	3.265E+06
Z	43	14	14	31	9	43	43	14	14	31	9	43
Z MAXIMUM	1.442E+04	1.586E+04	9.189E+03	7.996E+06	4.762E+06	3.812E+06	1.442E+04	1.586E+04	9.189E+03	7.996E+06	4.699E+06	3.916E+06
GRAND TOTAL	2.649E+04	2.474E+04	1.149E+04	1.240E+07	9.081E+06	1.489E+07	2.649E+04	2.474E+04	1.149E+04	1.240E+07	9.206E+06	1.577E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (225)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	43	29	43	30	19	29	43	29	43	30	43	29
X MAXIMUM	1.027E+04	3.054E+03	4.898E+03	3.020E+06	1.875E+06	9.552E+06	1.027E+04	3.054E+03	4.898E+03	3.020E+06	1.624E+06	8.104E+06
Y	44	62	9	31	9	29	44	62	9	31	9	9
Y MAXIMUM	9.498E+03	1.998E+03	5.454E+03	4.561E+06	5.962E+06	3.265E+06	9.498E+03	1.998E+03	5.454E+03	4.561E+06	3.376E+06	2.815E+06
Z	43	31	43	31	9	43	43	31	43	31	9	43
Z MAXIMUM	1.282E+04	3.209E+03	6.115E+03	7.996E+06	4.699E+06	3.916E+06	1.282E+04	3.209E+03	6.115E+03	7.996E+06	2.662E+06	3.594E+06
GRAND TOTAL	2.360E+04	8.993E+03	1.433E+04	1.240E+07	9.206E+06	1.577E+07	2.360E+04	8.993E+03	1.433E+04	1.240E+07	6.796E+06	1.382E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (226)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	43	62	43	43	43	62	43	62	43	43	9	43
X MAXIMUM	1.215E+03	1.495E+03	2.588E+03	3.792E+05	1.416E+06	8.691E+05	1.215E+03	1.495E+03	2.588E+03	3.792E+05	1.099E-08	1.783E+05

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 Y                 119        62        44        44        44        62       119        62        44        44         9       119
 Y MAXIMUM   1.546E+03 1.583E+03 2.338E+03 3.430E+05 1.279E+06 9.202E+05 1.546E+03 1.583E+03 2.338E+03 3.430E+05 7.643E-08 2.274E+05
 Z                  43        31        43        43        43        31        43        31        43        43         9        43
 Z MAXIMUM   1.516E+03 1.965E+03 3.231E+03 4.734E+05 1.767E+06 9.980E+05 1.516E+03 1.965E+03 3.231E+03 4.734E+05 5.951E-08 2.226E+05
 GRAND TOTAL 4.890E+03 5.599E+03 7.004E+03 1.032E+06 3.831E+06 3.026E+06 4.890E+03 5.599E+03 7.004E+03 1.032E+06 1.063E-07 7.181E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 227)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  62        43        43         9        43        43        62        43        43         9        19        30
 X MAXIMUM   1.373E+03 1.114E+03 2.370E+03 1.774E-09 3.792E+05 1.783E+05 1.373E+03 1.114E+03 2.370E+03 1.774E-09 2.073E-08 2.684E-08
 Y                  62       119        44         9        44       119        62       119        44         9         9         9
 Y MAXIMUM   1.454E+03 1.421E+03 2.144E+03 7.678E-09 3.430E+05 2.274E+05 1.454E+03 1.421E+03 2.144E+03 7.678E-09 1.841E-08 5.810E-08
 Z                  31        43        43         9        43        43        31        43        43         9        44        14
 Z MAXIMUM   1.804E+03 1.391E+03 2.959E+03 5.234E-09 4.734E+05 2.226E+05 1.804E+03 1.391E+03 2.959E+03 5.234E-09 1.743E-08 6.933E-08
 GRAND TOTAL 5.141E+03 4.488E+03 6.451E+03 1.074E-08 1.032E+06 7.181E+05 5.141E+03 4.488E+03 6.451E+03 1.074E-08 5.622E-08 1.161E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 228)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        29        43        30        65        29        43        29        43        30        43        29
 X MAXIMUM   7.199E+03 3.382E+03 3.483E+03 2.635E+06 1.239E+06 8.019E+06 7.199E+03 3.382E+03 3.483E+03 2.635E+06 1.574E+06 6.694E+06
 Y                  44       119         9        31         9        29        44       119         9        31        44         9
 Y MAXIMUM   6.733E+03 2.232E+03 4.376E+03 3.992E+06 2.850E+06 2.741E+06 6.733E+03 2.232E+03 4.376E+03 3.992E+06 1.682E+06 2.545E+06
 Z                  43        19        43        31         9        43        43        19        43        31        43        43
 Z MAXIMUM   8.987E+03 1.252E+03 4.348E+03 6.998E+06 2.247E+06 3.121E+06 8.987E+03 1.252E+03 4.348E+03 6.998E+06 1.965E+06 2.769E+06
 GRAND TOTAL 1.631E+04 6.689E+03 1.011E+04 1.119E+07 5.286E+06 1.336E+07 1.631E+04 6.689E+03 1.011E+04 1.119E+07 5.347E+06 1.179E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 229)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        29        43        30        43        29        43        29        43        30        43        29
 X MAXIMUM   6.749E+03 3.358E+03 3.259E+03 2.635E+06 1.574E+06 6.694E+06 6.749E+03 3.358E+03 3.259E+03 2.635E+06 2.851E+06 5.377E+06
 Y                  44       119         9        31        44         9        44       119         9        31        44       119
 Y MAXIMUM   6.334E+03 2.026E+03 4.147E+03 3.992E+06 1.682E+06 2.545E+06 6.334E+03 2.026E+03 4.147E+03 3.992E+06 2.850E+06 2.591E+06
 Z                  43        19        43        31        43        43        43        19        43        31        43        43
 Z MAXIMUM   8.425E+03 1.268E+03 4.068E+03 6.998E+06 1.965E+06 2.769E+06 8.425E+03 1.268E+03 4.068E+03 6.998E+06 3.559E+06 2.396E+06
 GRAND TOTAL 1.533E+04 6.467E+03 9.462E+03 1.119E+07 5.347E+06 1.179E+07 1.533E+04 6.467E+03 9.462E+03 1.119E+07 7.541E+06 1.054E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 230)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        62        43        43        43        62        43        62        43        43         8        43
 X MAXIMUM   1.660E+03 1.324E+03 2.840E+03 4.170E+05 1.553E+06 7.624E+05 1.660E+03 1.324E+03 2.840E+03 4.170E+05 1.503E-08 2.439E+05
 Y                   9       119        44        44        44       119         9       119        44        44         8         9
 Y MAXIMUM   2.244E+03 3.973E+03 2.599E+03 3.821E+05 1.422E+06 2.174E+06 2.244E+03 3.973E+03 2.599E+03 3.821E+05 4.922E-08 3.308E+05
 Z                  43        31        43        43        43        31        43        31        43        43         7        43
 Z MAXIMUM   2.072E+03 2.400E+03 3.545E+03 5.206E+05 1.939E+06 1.128E+06 2.072E+03 2.400E+03 3.545E+03 5.206E+05 2.459E-08 3.045E+05
 GRAND TOTAL 5.695E+03 8.126E+03 7.197E+03 1.060E+06 3.937E+06 4.311E+06 5.695E+03 8.126E+03 7.197E+03 1.060E+06 7.321E-08 8.341E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 231)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  62        43        43        29        43        43        62        43        43        29        29        19
 X MAXIMUM   1.215E+03 1.524E+03 2.607E+03 3.229E-09 4.170E+05 2.439E+05 1.215E+03 1.524E+03 2.607E+03 3.229E-09 1.801E-08 3.660E-08
 Y                 119         9        44         8        44         9       119         9        44         8         9         8
 Y MAXIMUM   3.648E+03 2.068E+03 2.388E+03 6.414E-09 3.821E+05 3.308E+05 3.648E+03 2.068E+03 2.388E+03 6.414E-09 8.532E-08 6.957E-08
 Z                  31        43        43         7        43        43        31        43        43         7         9        31
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 Z MAXIMUM   2.203E+03 1.903E+03 3.254E+03 5.388E-09 5.206E+05 3.045E+05 2.203E+03 1.903E+03 3.254E+03 5.388E-09 5.510E-08 5.403E-08
 GRAND TOTAL 7.461E+03 5.213E+03 6.624E+03 1.191E-08 1.060E+06 8.341E+05 7.461E+03 5.213E+03 6.624E+03 1.191E-08 1.200E-07 1.317E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 232)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        29        43        30        68        29        43        29        43        30        43        29
 X MAXIMUM   3.349E+03 4.564E+03 1.285E+03 2.155E+06 2.274E+06 5.275E+06 3.349E+03 4.564E+03 1.285E+03 2.155E+06 2.190E+06 2.108E+06
 Y                  44       119         9        31        44       119        44       119         9        31        44         9
 Y MAXIMUM   3.240E+03 2.508E+03 1.496E+03 3.348E+06 1.429E+06 2.755E+06 3.240E+03 2.508E+03 1.496E+03 3.348E+06 2.198E+06 1.862E+06
 Z                  43        43        43        31        65        43        43        43        43        31        43         9
 Z MAXIMUM   4.181E+03 1.520E+03 1.605E+03 5.870E+06 1.992E+06 1.875E+06 4.181E+03 1.520E+03 1.605E+03 5.870E+06 2.734E+06 1.468E+06
 GRAND TOTAL 8.244E+03 9.030E+03 4.301E+03 1.036E+07 5.992E+06 1.019E+07 8.244E+03 9.030E+03 4.301E+03 1.036E+07 7.162E+06 4.696E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 233)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  43        43        29        30        29        43        43        68        29        30        30        43
 X MAXIMUM   2.905E+03 1.018E+03 4.617E+03 2.155E+06 2.108E+06 2.190E+06 2.772E+03 1.469E+03 4.617E+03 1.712E+06 1.529E+06 2.139E+06
 Y                  44        96       119        31         9        44        44        44       119         9        31         9
 Y MAXIMUM   2.846E+03 1.023E+03 3.178E+03 3.348E+06 1.862E+06 2.198E+06 2.625E+03 1.402E+03 3.178E+03 2.892E+06 2.430E+06 2.327E+06
 Z                  43        31        43        31         9        43        43        43        43        31        31        43
 Z MAXIMUM   3.626E+03 1.294E+03 1.592E+03 5.870E+06 1.468E+06 2.734E+06 3.460E+03 1.670E+03 1.592E+03 4.251E+06 4.261E+06 2.671E+06
 GRAND TOTAL 7.477E+03 3.894E+03 9.672E+03 1.036E+07 4.696E+06 7.162E+06 7.130E+03 4.497E+03 9.672E+03 8.659E+06 6.569E+06 6.930E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 233)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        43        29        68        30        43
 X MAXIMUM   1.010E+03 2.907E+03 4.617E+03 4.224E+05 2.619E+06 1.468E+06
 Y                  96        44       119         9        31         9
 Y MAXIMUM   1.022E+03 2.849E+03 3.178E+03 1.639E+06 3.637E+06 2.404E+06
 Z                  31        43        43         9        31         9
 Z MAXIMUM   1.291E+03 3.630E+03 1.592E+03 1.292E+06 6.377E+06 1.895E+06
 GRAND TOTAL 3.884E+03 7.482E+03 9.672E+03 3.255E+06 1.076E+07 5.544E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 234)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  43        29        43        68        43        30        43        29        43        68        24        19
 X MAXIMUM   7.623E+02 9.715E+03 2.365E+03 4.235E+05 1.468E+06 2.619E+06 7.623E+02 9.715E+03 2.365E+03 4.235E+05 1.123E+06 9.503E+05
 Y                  31        31        44         9         9        31        31        31        44         9         9         9
 Y MAXIMUM   1.022E+03 1.286E+04 2.350E+03 1.646E+06 2.404E+06 3.638E+06 1.022E+03 1.286E+04 2.350E+03 1.646E+06 2.342E+06 1.996E+06
 Z                  31        31        43         9         9        31        31        31        43         9         9        14
 Z MAXIMUM   1.791E+03 2.255E+04 2.952E+03 1.297E+06 1.895E+06 6.377E+06 1.791E+03 2.255E+04 2.952E+03 1.297E+06 1.846E+06 4.062E+06
 GRAND TOTAL 3.896E+03 3.306E+04 6.460E+03 3.267E+06 5.544E+06 1.075E+07 3.896E+03 3.306E+04 6.460E+03 3.267E+06 4.389E+06 5.859E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 235)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        29        43        68        24        19        30        29        43        68        24        29
 X MAXIMUM   7.990E+02 9.588E+03 2.107E+03 4.235E+05 1.123E+06 9.503E+05 7.990E+02 9.588E+03 2.107E+03 4.235E+05 1.219E+06 3.202E+06
 Y                  31        31        44         9         9         9        31        31        44         9         9        31
 Y MAXIMUM   1.143E+03 1.271E+04 2.107E+03 1.646E+06 2.342E+06 1.996E+06 1.143E+03 1.271E+04 2.107E+03 1.646E+06 2.243E+06 3.991E+06
 Z                  31        31        43         9         9        14        31        31        43         9         9        31
 Z MAXIMUM   2.003E+03 2.229E+04 2.630E+03 1.297E+06 1.846E+06 4.062E+06 2.003E+03 2.229E+04 2.630E+03 1.297E+06 1.768E+06 6.997E+06
 GRAND TOTAL 4.071E+03 3.267E+04 5.929E+03 3.267E+06 4.389E+06 5.859E+06 4.071E+03 3.267E+04 5.929E+03 3.267E+06 3.620E+06 1.210E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 236)
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	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	30	29	43	68	24	29	29	29	43	24	24	29
X MAXIMUM	9.566E+02	9.304E+03	1.651E+03	4.235E+05	1.219E+06	3.202E+06	7.181E+03	5.977E+03	1.651E+03	1.177E+06	6.617E+05	5.614E+06
Y	31	31	44	9	9	31	31	31	44	9	9	31
Y MAXIMUM	1.331E+03	1.236E+04	1.667E+03	1.646E+06	2.243E+06	3.991E+06	9.678E+03	7.795E+03	1.667E+03	3.716E+05	2.628E+06	7.171E+06
Z	31	31	43	9	9	31	31	31	43	65	9	31
Z MAXIMUM	2.334E+03	2.166E+04	2.061E+03	1.297E+06	1.768E+06	6.997E+06	1.697E+04	1.367E+04	2.061E+03	3.267E+05	2.071E+06	1.257E+07
GRAND TOTAL	4.515E+03	3.177E+04	4.894E+03	3.267E+06	3.620E+06	1.210E+07	2.475E+04	2.042E+04	4.894E+03	1.910E+06	4.400E+06	1.964E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (236)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	30	43	24	43	29
X MAXIMUM	9.304E+03	9.566E+02	1.651E+03	1.334E+06	8.006E+05	6.423E+06
Y	31	31	44	9	9	31
Y MAXIMUM	1.236E+04	1.331E+03	1.667E+03	2.070E+06	1.473E+06	8.192E+06
Z	31	31	43	9	9	31
Z MAXIMUM	2.166E+04	2.334E+03	2.061E+03	1.632E+06	1.161E+06	1.436E+07
GRAND TOTAL	3.177E+04	4.515E+03	4.894E+03	3.698E+06	3.402E+06	2.216E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (237)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	29	54	24	43	29	29	29	54	24	54	29
X MAXIMUM	8.296E+03	1.699E+03	7.459E+02	1.334E+06	8.006E+05	6.423E+06	8.296E+03	1.699E+03	7.459E+02	1.334E+06	1.447E+06	2.978E+06
Y	31	31	9	9	9	31	31	31	9	9	44	31
Y MAXIMUM	1.103E+04	2.095E+03	9.990E+02	2.070E+06	1.473E+06	8.192E+06	1.103E+04	2.095E+03	9.990E+02	2.070E+06	1.205E+06	3.945E+06
Z	31	31	9	9	9	31	31	31	9	9	43	31
Z MAXIMUM	1.934E+04	3.673E+03	7.875E+02	1.632E+06	1.161E+06	1.436E+07	1.934E+04	3.673E+03	7.875E+02	1.632E+06	1.585E+06	6.917E+06
GRAND TOTAL	2.842E+04	6.479E+03	2.187E+03	3.698E+06	3.402E+06	2.216E+07	2.842E+04	6.479E+03	2.187E+03	3.698E+06	4.211E+06	1.336E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (238)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	29	43	24	54	29	29	29	43	24	54	15
X MAXIMUM	7.049E+03	2.570E+03	9.224E+02	1.334E+06	1.447E+06	2.978E+06	7.049E+03	2.570E+03	9.224E+02	1.334E+06	1.731E+06	1.239E+06
Y	31	31	9	9	44	31	31	31	9	9	9	9
Y MAXIMUM	9.392E+03	3.037E+03	1.340E+03	2.070E+06	1.205E+06	3.945E+06	9.392E+03	3.037E+03	1.340E+03	2.070E+06	2.166E+06	4.753E+06
Z	31	31	43	9	43	31	31	31	43	9	9	15
Z MAXIMUM	1.647E+04	5.325E+03	1.151E+03	1.632E+06	1.585E+06	6.917E+06	1.647E+04	5.325E+03	1.151E+03	1.632E+06	1.707E+06	5.476E+06
GRAND TOTAL	2.431E+04	8.724E+03	3.365E+03	3.698E+06	4.211E+06	1.336E+07	2.431E+04	8.724E+03	3.365E+03	3.698E+06	4.139E+06	9.411E+06

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (239)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	29	43	24	54	15	29	29	43	24	54	29
X MAXIMUM	6.117E+03	2.912E+03	1.373E+03	1.334E+06	1.731E+06	1.239E+06	6.117E+03	2.912E+03	1.373E+03	1.334E+06	1.655E+06	3.623E+06
Y	31	31	9	9	9	9	31	31	9	9	9	9
Y MAXIMUM	8.167E+03	3.422E+03	1.455E+03	2.070E+06	2.166E+06	4.753E+06	8.167E+03	3.422E+03	1.455E+03	2.070E+06	3.917E+06	7.429E+06
Z	31	31	43	9	9	15	31	31	43	9	9	31
Z MAXIMUM	1.432E+04	6.000E+03	1.714E+03	1.632E+06	1.707E+06	5.476E+06	1.432E+04	6.000E+03	1.714E+03	1.632E+06	3.088E+06	6.718E+06
GRAND TOTAL	2.125E+04	1.064E+04	4.632E+03	3.698E+06	4.139E+06	9.411E+06	2.125E+04	1.064E+04	4.632E+03	3.698E+06	7.807E+06	1.593E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (240)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	29	29	54	24	54	29	29	29	54	24	54	29
X MAXIMUM	4.648E+03	8.441E+02	1.614E+03	1.334E+06	1.655E+06	3.623E+06	4.648E+03	8.441E+02	1.614E+03	1.334E+06	2.516E+06	1.442E+06

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 Y                  31         9         9         9         9         9        31         9         9         9         9         9
 Y MAXIMUM   6.235E+03 1.657E+03 6.935E+02 2.070E+06 3.917E+06 7.429E+06 6.235E+03 1.657E+03 6.935E+02 2.070E+06 2.125E+06 3.146E+06
 Z                  31        15        15         9         9        31        31        15        15         9        43        31
 Z MAXIMUM   1.093E+04 2.026E+03 5.571E+02 1.632E+06 3.088E+06 6.718E+06 1.093E+04 2.026E+03 5.571E+02 1.632E+06 2.010E+06 2.509E+06
 GRAND TOTAL 1.651E+04 4.697E+03 2.504E+03 3.698E+06 7.807E+06 1.593E+07 1.651E+04 4.697E+03 2.504E+03 3.698E+06 6.057E+06 7.365E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 241)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        29        43        24        54        29        29        29        43        24        54       107
 X MAXIMUM   3.203E+03 1.001E+03 5.529E+02 1.334E+06 2.516E+06 1.442E+06 3.203E+03 1.001E+03 5.529E+02 1.334E+06 2.074E+06 3.759E+05
 Y                  31         9         9         9         9         9        31         9         9         9         9        51
 Y MAXIMUM   4.333E+03 1.807E+03 7.827E+02 2.070E+06 2.125E+06 3.146E+06 4.333E+03 1.807E+03 7.827E+02 2.070E+06 1.125E+06 1.837E+06
 Z                  31        31        43         9        43        31        31        31        43         9        43        51
 Z MAXIMUM   7.597E+03 1.940E+03 6.903E+02 1.632E+06 2.010E+06 2.509E+06 7.597E+03 1.940E+03 6.903E+02 1.632E+06 1.128E+06 1.324E+06
 GRAND TOTAL 1.202E+04 4.182E+03 1.945E+03 3.698E+06 6.057E+06 7.365E+06 1.202E+04 4.182E+03 1.945E+03 3.698E+06 3.936E+06 3.492E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 242)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        29        54        24        54       107        29        29        54        24        54        30
 X MAXIMUM   2.574E+03 1.009E+03 1.262E+03 1.334E+06 2.074E+06 3.759E+05 2.574E+03 1.009E+03 1.262E+03 1.334E+06 1.383E+06 4.263E+05
 Y                  31         9         9         9         9        51        31         9         9         9         9        51
 Y MAXIMUM   3.506E+03 1.843E+03 8.008E+02 2.070E+06 1.125E+06 1.837E+06 3.506E+03 1.843E+03 8.008E+02 2.070E+06 6.867E+05 1.652E+06
 Z                  31        31        43         9        43        51        31        31        43         9        31        51
 Z MAXIMUM   6.147E+03 1.971E+03 9.521E+02 1.632E+06 1.128E+06 1.324E+06 6.147E+03 1.971E+03 9.521E+02 1.632E+06 7.334E+05 1.191E+06
 GRAND TOTAL 1.017E+04 4.714E+03 2.779E+03 3.698E+06 3.936E+06 3.492E+06 1.017E+04 4.714E+03 2.779E+03 3.698E+06 2.692E+06 2.918E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 243)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  30        29        54        24        54        54        29        30        54        24        24        29
 X MAXIMUM   1.985E+03 9.793E+02 2.063E+03 1.334E+06 1.247E+06 6.900E+05 2.121E+03 7.548E+02 2.063E+03 1.913E+06 3.131E+05 5.375E+05
 Y                  31        96         9         9         9        51        31        51         9         9         9         9
 Y MAXIMUM   2.721E+03 1.780E+03 1.258E+03 2.070E+06 6.188E+05 1.600E+06 2.700E+03 1.591E+03 1.258E+03 1.376E+06 1.172E+06 1.202E+06
 Z                  31        31        43         9        43        31        31        31        43         9         9        31
 Z MAXIMUM   4.770E+03 1.794E+03 1.038E+03 1.632E+06 5.747E+05 1.204E+06 4.733E+03 1.888E+03 1.038E+03 1.085E+06 9.240E+05 1.174E+06
 GRAND TOTAL 8.536E+03 5.178E+03 3.968E+03 3.698E+06 2.542E+06 3.050E+06 8.889E+03 4.546E+03 3.968E+03 2.942E+06 1.891E+06 3.125E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 243)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        30        54        24        54        15
 X MAXIMUM   1.157E+03 1.904E+03 2.063E+03 1.756E+06 9.066E+05 4.837E+05
 Y                  96        31         9         9         9         9
 Y MAXIMUM   1.792E+03 2.615E+03 1.258E+03 4.904E+05 1.114E+06 1.610E+06
 Z                  31        31        43        24         9        15
 Z MAXIMUM   2.225E+03 4.584E+03 1.038E+03 4.693E+05 8.777E+05 2.138E+06
 GRAND TOTAL 5.672E+03 8.215E+03 3.968E+03 2.064E+06 2.331E+06 3.819E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 244)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        30        54        24        54        15        29        30        54        24        54        30
 X MAXIMUM   1.066E+03 1.401E+03 2.261E+03 1.756E+06 9.066E+05 4.837E+05 1.066E+03 1.401E+03 2.261E+03 1.756E+06 1.685E+06 8.134E+05
 Y                  96        31         9         9         9         9        96        31         9         9         9         9
 Y MAXIMUM   1.872E+03 1.928E+03 1.256E+03 4.905E+05 1.114E+06 1.610E+06 1.872E+03 1.928E+03 1.256E+03 4.905E+05 6.808E+05 1.610E+06
 Z                  15        31        43        24         9        15        15        31        43        24        43        15
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 Z MAXIMUM   3.111E+03 3.380E+03 1.074E+03 4.693E+05 8.777E+05 2.138E+06 3.111E+03 3.380E+03 1.074E+03 4.693E+05 5.404E+05 3.216E+06
 GRAND TOTAL 6.292E+03 6.567E+03 4.181E+03 2.064E+06 2.331E+06 3.819E+06 6.292E+03 6.567E+03 4.181E+03 2.064E+06 2.869E+06 5.329E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 245)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        30        24        24        54        30        29        30        24        24        54        30
 X MAXIMUM   9.962E+02 1.039E+03 1.931E+03 1.754E+06 1.684E+06 8.134E+05 9.962E+02 1.039E+03 1.931E+03 1.754E+06 2.141E+06 1.615E+06
 Y                  96        51        87         9         9         9        96        51        87         9        51        31
 Y MAXIMUM   1.929E+03 1.578E+03 4.416E+02 4.886E+05 6.826E+05 1.610E+06 1.929E+03 1.578E+03 4.416E+02 4.886E+05 6.974E+05 2.246E+06
 Z                  15        15        24        24        43        15        15        15        24        24        43        15
 Z MAXIMUM   3.920E+03 2.686E+03 5.160E+02 4.688E+05 5.395E+05 3.216E+06 3.920E+03 2.686E+03 5.160E+02 4.688E+05 5.076E+05 5.287E+06
 GRAND TOTAL 6.847E+03 5.324E+03 3.097E+03 2.064E+06 2.869E+06 5.329E+06 6.847E+03 5.324E+03 3.097E+03 2.064E+06 3.330E+06 8.848E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 246)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  15        29        24        24        54        30        15        29        24        24        24        15
 X MAXIMUM   1.630E+03 3.871E+02 1.214E+03 1.753E+06 2.141E+06 1.615E+06 1.630E+03 3.871E+02 1.214E+03 1.753E+06 5.497E+06 1.618E+06
 Y                 121        96        87         9        51        31       121        96        87         9        87        51
 Y MAXIMUM   2.458E+03 6.531E+02 1.896E+02 4.886E+05 6.974E+05 2.246E+06 2.458E+03 6.531E+02 1.896E+02 4.886E+05 6.338E+05 2.090E+06
 Z                  15        31        24        24        43        15        15        31        24        24        24        15
 Z MAXIMUM   7.204E+03 9.231E+02 3.244E+02 4.685E+05 5.079E+05 5.287E+06 7.204E+03 9.231E+02 3.244E+02 4.685E+05 1.469E+06 7.151E+06
 GRAND TOTAL 9.723E+03 1.904E+03 1.526E+03 2.063E+06 3.331E+06 8.848E+06 9.723E+03 1.904E+03 1.526E+03 2.063E+06 6.594E+06 8.515E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 247)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  15        30        24        24        24        15        15        30        24        24        24        29
 X MAXIMUM   2.491E+03 9.876E+02 2.487E+03 1.766E+06 5.493E+06 1.618E+06 2.491E+03 9.876E+02 2.487E+03 1.766E+06 1.774E+06 1.343E+06
 Y                 121        51        62         9        87        51       121        51        62         9        62        31
 Y MAXIMUM   3.249E+03 1.966E+03 5.956E+02 4.881E+05 6.339E+05 2.090E+06 3.249E+03 1.966E+03 5.956E+02 4.881E+05 2.735E+05 1.741E+06
 Z                  15        31        24        24        24        15        15        31        24        24        24        15
 Z MAXIMUM   1.101E+04 2.396E+03 6.647E+02 4.720E+05 1.468E+06 7.151E+06 1.101E+04 2.396E+03 6.647E+02 4.720E+05 4.742E+05 4.686E+06
 GRAND TOTAL 1.355E+04 4.984E+03 4.015E+03 2.075E+06 6.590E+06 8.515E+06 1.355E+04 4.984E+03 4.015E+03 2.075E+06 2.288E+06 6.817E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 248)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  15        30        24        24        24        29        15        15        24        54        24        29
 X MAXIMUM   2.833E+03 1.006E+03 4.056E+03 1.766E+06 1.774E+06 1.343E+06 1.787E+03 2.242E+03 4.056E+03 9.904E+05 1.457E+06 1.620E+06
 Y                 121        51        62         9        62        31       121        96        62         9         9        31
 Y MAXIMUM   3.548E+03 2.094E+03 6.286E+02 4.881E+05 2.735E+05 1.741E+06 3.142E+03 2.556E+03 6.286E+02 3.263E+05 3.916E+05 2.138E+06
 Z                  15        31        24        24        24        15        15        15        24        43        24        31
 Z MAXIMUM   1.252E+04 2.444E+03 1.084E+03 4.720E+05 4.742E+05 4.686E+06 7.900E+03 9.909E+03 1.084E+03 3.130E+05 3.894E+05 3.749E+06
 GRAND TOTAL 1.513E+04 5.386E+03 5.348E+03 2.075E+06 2.288E+06 6.817E+06 1.031E+04 1.231E+04 5.348E+03 1.676E+06 2.340E+06 6.588E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 248)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        15        24        54        87        29
 X MAXIMUM   9.780E+02 2.861E+03 4.056E+03 1.463E+06 5.390E+05 1.813E+06
 Y                  51       121        62        62         9        31
 Y MAXIMUM   2.079E+03 3.467E+03 6.286E+02 4.919E+05 5.528E+05 2.403E+06
 Z                  31        15        24        65         9        31
 Z MAXIMUM   2.377E+03 1.264E+04 1.084E+03 4.505E+05 4.357E+05 4.212E+06
 GRAND TOTAL 5.008E+03 1.526E+04 5.348E+03 2.498E+06 1.600E+06 6.855E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 249)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        15        24        54        54        29        30        15        24        54        54        29
 X MAXIMUM   9.783E+02 2.843E+03 4.303E+03 1.463E+06 5.422E+05 1.776E+06 9.783E+02 2.843E+03 4.303E+03 1.463E+06 5.942E+05 1.787E+06
 Y                 51       121       121        62         9        31        51       121       121        62         9        31
 Y MAXIMUM   2.081E+03 3.352E+03 9.106E+02 4.919E+05 7.841E+05 2.349E+06 2.081E+03 3.352E+03 9.106E+02 4.919E+05 7.756E+05 2.363E+06
 Z                 31        15        15        65        31        31        31        15        15        65        31        31
 Z MAXIMUM   2.378E+03 1.257E+04 3.423E+03 4.505E+05 9.037E+05 4.119E+06 2.378E+03 1.257E+04 3.423E+03 4.505E+05 9.131E+05 4.143E+06
 GRAND TOTAL 5.138E+03 1.516E+04 6.793E+03 2.498E+06 2.269E+06 6.663E+06 5.138E+03 1.516E+04 6.793E+03 2.498E+06 2.329E+06 6.809E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 250)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        15        24        54        54        29        30        15        24        54        54        29
 X MAXIMUM   9.783E+02 2.866E+03 4.408E+03 1.463E+06 5.942E+05 1.787E+06 9.783E+02 2.866E+03 4.408E+03 1.463E+06 8.098E+05 1.834E+06
 Y                 51       121       121        62         9        31        51       121       121        62         9        31
 Y MAXIMUM   2.082E+03 3.353E+03 9.110E+02 4.919E+05 7.756E+05 2.363E+06 2.082E+03 3.353E+03 9.110E+02 4.919E+05 7.400E+05 2.420E+06
 Z                 31        15        15        65        31        31        31        15        15        65        31        31
 Z MAXIMUM   2.378E+03 1.267E+04 3.450E+03 4.505E+05 9.131E+05 4.143E+06 2.378E+03 1.267E+04 3.450E+03 4.505E+05 9.516E+05 4.243E+06
 GRAND TOTAL 5.180E+03 1.525E+04 6.878E+03 2.498E+06 2.329E+06 6.809E+06 5.180E+03 1.525E+04 6.878E+03 2.498E+06 2.761E+06 7.737E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 251)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        15        24        54        54        29        30        15        24        54        24        29
 X MAXIMUM   9.848E+02 4.716E+03 1.288E+04 1.463E+06 8.098E+05 1.834E+06 9.848E+02 4.716E+03 1.288E+04 1.463E+06 3.364E+06 1.720E+06
 Y                121       121       121        62         9        31       121       121       121        62         9       121
 Y MAXIMUM   9.912E+03 3.255E+03 8.847E+02 4.919E+05 7.400E+05 2.420E+06 9.912E+03 3.255E+03 8.847E+02 4.919E+05 6.817E+05 2.346E+06
 Z                 31        15        15        65        31        31        31        15        15        65        15        15
 Z MAXIMUM   2.394E+03 2.084E+04 5.680E+03 4.505E+05 9.516E+05 4.243E+06 2.394E+03 2.084E+04 5.680E+03 4.505E+05 2.025E+06 7.389E+06
 GRAND TOTAL 1.319E+04 2.348E+04 1.501E+04 2.498E+06 2.761E+06 7.737E+06 1.319E+04 2.348E+04 1.501E+04 2.498E+06 5.167E+06 1.119E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 252)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        15        24        54        24        29        30        15        24        54        24        15
 X MAXIMUM   9.973E+02 7.957E+03 2.776E+04 1.463E+06 3.364E+06 1.720E+06 9.973E+02 7.957E+03 2.776E+04 1.463E+06 9.831E+06 3.526E+06
 Y                121        15        15        62         9       121       121        15        15        62       121       121
 Y MAXIMUM   2.649E+04 5.141E+03 1.402E+03 4.919E+05 6.817E+05 2.346E+06 2.649E+04 5.141E+03 1.402E+03 4.919E+05 8.100E+05 2.961E+06
 Z                 31        15        15        65        15        15        31        15        15        65        15        15
 Z MAXIMUM   2.425E+03 3.517E+04 9.587E+03 4.505E+05 2.025E+06 7.389E+06 2.425E+03 3.517E+04 9.587E+03 4.505E+05 4.259E+06 1.558E+07
 GRAND TOTAL 3.323E+04 3.891E+04 3.067E+04 2.498E+06 5.167E+06 1.119E+07 3.323E+04 3.891E+04 3.067E+04 2.498E+06 1.168E+07 1.864E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 253)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                124        24        24        54        24        15       124        24        24        54        24        15
 X MAXIMUM   1.248E+03 1.097E+04 4.075E+04 1.463E+06 9.831E+06 3.526E+06 1.248E+03 1.097E+04 4.075E+04 1.463E+06 1.937E+07 6.048E+06
 Y                121        15        15        62       121       121       121        15        15        62        15        15
 Y MAXIMUM   4.301E+04 6.965E+03 1.899E+03 4.919E+05 8.100E+05 2.961E+06 4.301E+04 6.965E+03 1.899E+03 4.919E+05 1.067E+06 3.908E+06
 Z                 31        15        15        65        15        15        31        15        15        65        15        15
 Z MAXIMUM   2.455E+03 4.764E+04 1.299E+04 4.505E+05 4.259E+06 1.558E+07 2.455E+03 4.764E+04 1.299E+04 4.505E+05 7.298E+06 2.673E+07
 GRAND TOTAL 5.362E+04 5.270E+04 4.453E+04 2.498E+06 1.168E+07 1.864E+07 5.362E+04 5.270E+04 4.453E+04 2.498E+06 2.182E+07 3.000E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 254)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 15        24        15        24        24        15        15        24        15        24        24        30
 X MAXIMUM   2.441E-10 3.750E-12 2.145E-11 3.279E-09 3.031E-08 1.453E-08 2.441E-10 3.750E-12 2.145E-11 3.279E-09 4.755E-08 1.968E-09
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 Y                 15       121        15        15        15        15        15       121        15        15        15       121
 Y MAXIMUM   1.514E-10 7.378E-12 1.376E-11 6.921E-10 1.601E-08 9.203E-09 1.514E-10 7.378E-12 1.376E-11 6.921E-10 4.581E-09 5.644E-09
 Z                 15        15        15        15        15        15        15        15        15        15        15        14
 Z MAXIMUM   1.002E-09 2.265E-11 9.868E-11 5.008E-09 1.113E-07 5.076E-08 1.002E-09 2.265E-11 9.868E-11 5.008E-09 3.134E-08 7.974E-09
 GRAND TOTAL 1.065E-09 2.609E-11 1.096E-10 6.218E-09 1.256E-07 5.480E-08 1.065E-09 2.609E-11 1.096E-10 6.218E-09 6.111E-08 1.165E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 255)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 24        24        24        24        24        24        24        24        24        24        24        24
 X MAXIMUM   7.171E-10 7.928E-13 1.829E-11 4.099E-09 2.325E-08 2.782E-08 7.171E-10 7.928E-13 1.829E-11 4.099E-09 7.242E-09 1.600E-08
 Y                 31       121        15        15        15       121        31       121        15        15        15       121
 Y MAXIMUM   2.157E-11 9.125E-12 6.917E-12 4.333E-10 7.049E-09 3.625E-09 2.157E-11 9.125E-12 6.917E-12 4.333E-10 3.078E-09 5.555E-09
 Z                 24        15        15        24        15        24        24        15        15        24        15        24
 Z MAXIMUM   2.242E-10 7.539E-12 3.686E-11 8.481E-10 4.770E-08 6.780E-09 2.242E-10 7.539E-12 3.686E-11 8.481E-10 3.360E-08 6.692E-09
 GRAND TOTAL 7.639E-10 1.382E-11 4.431E-11 4.356E-09 5.698E-08 2.926E-08 7.639E-10 1.382E-11 4.431E-11 4.356E-09 3.530E-08 1.980E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 256)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 15        24        24        24        15        15        15        24        24        24        15        24
 X MAXIMUM   3.037E-10 7.390E-12 3.292E-11 3.279E-09 2.480E-08 1.031E-08 3.037E-10 7.390E-12 3.292E-11 3.279E-09 7.026E-09 4.940E-09
 Y                 15       121        15        15        15       121        15       121        15        15        15       121
 Y MAXIMUM   1.494E-10 1.454E-11 1.447E-11 6.921E-10 1.586E-08 9.819E-09 1.494E-10 1.454E-11 1.447E-11 6.921E-10 4.351E-09 1.128E-08
 Z                 15        15        15        15        15        15        15        15        15        15        15        15
 Z MAXIMUM   1.176E-09 2.097E-11 9.995E-11 5.008E-09 1.075E-07 5.169E-08 1.176E-09 2.097E-11 9.995E-11 5.008E-09 3.064E-08 1.800E-08
 GRAND TOTAL 1.234E-09 2.932E-11 1.154E-10 6.221E-09 1.177E-07 5.608E-08 1.234E-09 2.932E-11 1.154E-10 6.221E-09 3.511E-08 2.403E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 257)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 24        24        24        24        24        24        24        24        24        24        15        24
 X MAXIMUM   2.300E-10 1.580E-11 1.600E-11 4.099E-09 1.881E-08 4.295E-08 2.300E-10 1.580E-11 1.600E-11 4.099E-09 1.117E-08 3.090E-08
 Y                 15       121        15        15        15       121        15       121        15        15        15       121
 Y MAXIMUM   1.232E-11 2.321E-11 7.602E-12 4.333E-10 4.900E-09 1.551E-08 1.232E-11 2.321E-11 7.602E-12 4.333E-10 5.209E-09 1.923E-08
 Z                 15        24        15        24        15        24        15        24        15        24        15        24
 Z MAXIMUM   1.481E-10 5.663E-12 1.233E-11 8.481E-10 2.357E-08 8.757E-09 1.481E-10 5.663E-12 1.233E-11 8.481E-10 3.353E-08 6.696E-09
 GRAND TOTAL 2.962E-10 2.975E-11 2.670E-11 4.356E-09 3.510E-08 4.696E-08 2.962E-10 2.975E-11 2.670E-11 4.356E-09 3.721E-08 3.733E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 258)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                124        24        24        54        24        15       124        24        24        54        24        24
 X MAXIMUM   2.264E+03 1.727E+04 6.407E+04 1.463E+06 1.937E+07 6.048E+06 2.264E+03 1.727E+04 6.407E+04 1.463E+06 6.742E+07 1.822E+07
 Y                121        15        15        62        15        15       121        15        15        62        15        15
 Y MAXIMUM   7.752E+04 1.023E+04 2.790E+03 4.919E+05 1.067E+06 3.908E+06 7.752E+04 1.023E+04 2.790E+03 4.919E+05 3.160E+06 1.158E+07
 Z                 31        15        15        65        15        15        31        15        15        65        15        15
 Z MAXIMUM   2.517E+03 6.999E+04 1.909E+04 4.505E+05 7.298E+06 2.673E+07 2.517E+03 6.999E+04 1.909E+04 4.505E+05 2.161E+07 7.922E+07
 GRAND TOTAL 9.641E+04 7.784E+04 6.948E+04 2.498E+06 2.182E+07 3.000E+07 9.641E+04 7.784E+04 6.948E+04 2.498E+06 7.357E+07 8.693E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 259)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                124        24        24        54        24        24       124        24        24        54        24        24
 X MAXIMUM   3.734E+03 2.176E+04 8.073E+04 1.463E+06 6.742E+07 1.822E+07 3.734E+03 2.176E+04 8.073E+04 1.463E+06 1.280E+08 3.454E+07
 Y                121        15        15        62        15        15       121        15        15        62        15        15
 Y MAXIMUM   1.274E+05 1.255E+04 3.421E+03 4.919E+05 3.160E+06 1.158E+07 1.274E+05 1.255E+04 3.421E+03 4.919E+05 5.726E+06 2.099E+07
 Z                119        15        15        65        15        15       119        15        15        65        15        15
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 Z MAXIMUM   3.361E+03 8.581E+04 2.340E+04 4.505E+05 2.161E+07 7.922E+07 3.361E+03 8.581E+04 2.340E+04 4.505E+05 3.916E+07 1.436E+08
 GRAND TOTAL 1.584E+05 9.632E+04 8.757E+04 2.498E+06 7.357E+07 8.693E+07 1.584E+05 9.632E+04 8.757E+04 2.498E+06 1.389E+08 1.583E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 260)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        70        19        19        19        56        29        70        19        19        19        56
 X MAXIMUM   1.939E+04 5.685E+03 3.040E+04 1.070E+07 4.329E+07 8.098E+06 1.939E+04 5.685E+03 3.040E+04 1.070E+07 3.247E+07 6.143E+06
 Y                  29         1        19        19        19         7        29         1        19        19        19         7
 Y MAXIMUM   6.629E+03 4.881E+03 1.146E+04 4.033E+06 1.632E+07 7.925E+06 6.629E+03 4.881E+03 1.146E+04 4.033E+06 1.224E+07 6.823E+06
 Z                  14        14        19        14        19        70        14        14        19        14        19        70
 Z MAXIMUM   9.742E+03 1.359E+04 1.363E+04 9.514E+06 1.941E+07 1.290E+07 9.742E+03 1.359E+04 1.363E+04 9.514E+06 1.456E+07 9.562E+06
 GRAND TOTAL 2.795E+04 2.862E+04 5.053E+04 1.840E+07 7.168E+07 3.616E+07 2.795E+04 2.862E+04 5.053E+04 1.840E+07 5.402E+07 2.709E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 261)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        70        19        19        19        56        29        70        19        19        19        56
 X MAXIMUM   1.939E+04 5.685E+03 3.040E+04 1.070E+07 3.247E+07 6.143E+06 1.939E+04 5.685E+03 3.040E+04 1.070E+07 2.125E+07 4.116E+06
 Y                  29         1        19        19        19         7        29         1        19        19        19         7
 Y MAXIMUM   6.629E+03 4.881E+03 1.146E+04 4.033E+06 1.224E+07 6.823E+06 6.629E+03 4.881E+03 1.146E+04 4.033E+06 8.013E+06 5.680E+06
 Z                  14        14        19        14        19        70        14        14        19        14        14         7
 Z MAXIMUM   9.742E+03 1.359E+04 1.363E+04 9.514E+06 1.456E+07 9.562E+06 9.742E+03 1.359E+04 1.363E+04 9.514E+06 1.178E+07 7.113E+06
 GRAND TOTAL 2.795E+04 2.862E+04 5.053E+04 1.840E+07 5.402E+07 2.709E+07 2.795E+04 2.862E+04 5.053E+04 1.840E+07 3.606E+07 1.892E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 262)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        70        19        19        19        56        29        70        19        19        19        32
 X MAXIMUM   1.820E+04 5.521E+03 2.849E+04 1.070E+07 2.125E+07 4.116E+06 1.820E+04 5.521E+03 2.849E+04 1.070E+07 1.293E+07 2.766E+06
 Y                  29         1        19        19        19         7        29         1        19        19        19         7
 Y MAXIMUM   6.221E+03 4.864E+03 1.074E+04 4.033E+06 8.013E+06 5.680E+06 6.221E+03 4.864E+03 1.074E+04 4.033E+06 4.876E+06 4.840E+06
 Z                  14        14        19        14        14         7        14        14        19        14        14         7
 Z MAXIMUM   9.036E+03 1.282E+04 1.278E+04 9.514E+06 1.178E+07 7.113E+06 9.036E+03 1.282E+04 1.278E+04 9.514E+06 1.065E+07 6.061E+06
 GRAND TOTAL 2.637E+04 2.764E+04 4.787E+04 1.840E+07 3.606E+07 1.892E+07 2.637E+04 2.764E+04 4.787E+04 1.840E+07 2.342E+07 1.499E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 263)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        82        19        82        19        82        29        82        19        82        19        70
 X MAXIMUM   1.103E+04 4.426E+03 2.065E+04 2.041E+06 1.020E+07 2.069E+06 1.103E+04 4.426E+03 2.065E+04 2.041E+06 5.388E+06 1.076E+06
 Y                  29        70        19       119        19        70        29        70        19       119        19       121
 Y MAXIMUM   3.769E+03 3.208E+03 7.785E+03 1.618E+06 3.845E+06 1.661E+06 3.769E+03 3.208E+03 7.785E+03 1.618E+06 2.031E+06 1.017E+06
 Z                  14        14        19        19        19        70        14        14        19        19        19        70
 Z MAXIMUM   6.722E+03 7.263E+03 9.260E+03 7.499E+05 4.574E+06 3.227E+06 6.722E+03 7.263E+03 9.260E+03 7.499E+05 2.416E+06 1.775E+06
 GRAND TOTAL 1.636E+04 1.650E+04 3.453E+04 4.486E+06 1.701E+07 8.242E+06 1.636E+04 1.650E+04 3.453E+04 4.486E+06 8.987E+06 4.546E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 264)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  29        82        19        82        19        70        29        82        19        82        29        29
 X MAXIMUM   1.077E+04 4.387E+03 2.020E+04 2.041E+06 5.388E+06 1.076E+06 1.077E+04 4.387E+03 2.020E+04 2.041E+06 4.301E+05 7.437E+05
 Y                  29        70        19       119        19       121        29        70        19       119       119       119
 Y MAXIMUM   3.681E+03 3.153E+03 7.616E+03 1.618E+06 2.031E+06 1.017E+06 3.681E+03 3.153E+03 7.616E+03 1.618E+06 3.415E+05 5.905E+05
 Z                  14        14        19        19        19        70        14        14        19        19        14        14
 Z MAXIMUM   6.568E+03 7.095E+03 9.059E+03 7.499E+05 2.416E+06 1.775E+06 6.568E+03 7.095E+03 9.059E+03 7.499E+05 2.935E+05 5.075E+05
 GRAND TOTAL 1.599E+04 1.620E+04 3.383E+04 4.486E+06 8.987E+06 4.546E+06 1.599E+04 1.620E+04 3.383E+04 4.486E+06 9.843E+05 1.702E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 265)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        29        82        29        82        29        19        29        82        29        19        29
 X MAXIMUM   2.040E+03 2.240E+03 5.322E+03 1.143E-10 2.041E+06 8.591E+05 2.040E+03 2.240E+03 5.322E+03 1.143E-10 5.082E-09 6.300E-10
 Y                 56       119       119       105       119       119        56       119       119       105        19         8
 Y MAXIMUM   8.193E+02 1.779E+03 4.220E+03 5.839E-11 1.618E+06 6.822E+05 8.193E+02 1.779E+03 4.220E+03 5.839E-11 2.019E-09 1.330E-09
 Z                 57        14        19       106        19        14        57        14        19       106        19        14
 Z MAXIMUM   1.336E+03 1.529E+03 1.955E+03 9.939E-11 7.499E+05 5.862E+05 1.336E+03 1.529E+03 1.955E+03 9.939E-11 2.479E-09 1.024E-09
 GRAND TOTAL 4.814E+03 5.126E+03 1.170E+04 2.534E-10 4.486E+06 1.966E+06 4.814E+03 5.126E+03 1.170E+04 2.534E-10 6.600E-09 2.375E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 266)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 32        19        19        32        19        19        32        19        19        32        19        19
 X MAXIMUM   3.788E+03 3.493E+03 3.086E+03 1.572E+06 9.026E+06 4.373E+06 3.788E+03 3.493E+03 3.086E+03 1.572E+06 7.843E+06 3.033E+06
 Y                121       121         1         1        19         7       121       121         1         1        19         7
 Y MAXIMUM   4.172E+03 4.217E+03 4.300E+03 4.071E+06 3.403E+06 3.735E+06 4.172E+03 4.217E+03 4.300E+03 4.071E+06 2.957E+06 3.328E+06
 Z                 14        10        14        14        14        14        14        10        14        14        14        14
 Z MAXIMUM   4.763E+03 2.693E+03 3.846E+03 4.189E+06 8.771E+06 7.153E+06 4.763E+03 2.693E+03 3.846E+03 4.189E+06 7.296E+06 6.863E+06
 GRAND TOTAL 1.317E+04 9.549E+03 1.180E+04 8.767E+06 1.676E+07 1.353E+07 1.317E+04 9.549E+03 1.180E+04 8.767E+06 1.338E+07 1.251E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 267)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 32        19        19        32        19        19        32        19        19        32        19        32
 X MAXIMUM   3.788E+03 3.544E+03 4.261E+03 1.575E+06 7.843E+06 3.034E+06 3.788E+03 3.544E+03 4.261E+03 1.575E+06 6.858E+06 2.954E+06
 Y                121       121         1         1        19         7       121       121         1         1        19         7
 Y MAXIMUM   4.353E+03 4.234E+03 4.294E+03 4.073E+06 2.957E+06 3.327E+06 4.353E+03 4.234E+03 4.294E+03 4.073E+06 2.585E+06 3.027E+06
 Z                 14        10        14        14        14        14        14        10        14        14        14        14
 Z MAXIMUM   4.556E+03 2.682E+03 4.634E+03 4.181E+06 7.296E+06 6.869E+06 4.556E+03 2.682E+03 4.634E+03 4.181E+06 6.224E+06 6.578E+06
 GRAND TOTAL 1.284E+04 9.372E+03 1.238E+04 8.768E+06 1.338E+07 1.251E+07 1.284E+04 9.372E+03 1.238E+04 8.768E+06 1.140E+07 1.221E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 268)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 32        19        19        32        19        32        32        19        19        32        19        32
 X MAXIMUM   3.796E+03 3.559E+03 4.450E+03 1.567E+06 6.858E+06 2.959E+06 3.796E+03 3.559E+03 4.450E+03 1.567E+06 6.663E+06 3.012E+06
 Y                121       121         1         1        19         7       121       121         1         1        19         7
 Y MAXIMUM   4.396E+03 4.223E+03 4.283E+03 4.069E+06 2.585E+06 3.030E+06 4.396E+03 4.223E+03 4.283E+03 4.069E+06 2.512E+06 2.972E+06
 Z                 14        10        14        14        14        14        14        10        14        14        14        14
 Z MAXIMUM   4.506E+03 2.681E+03 4.787E+03 4.200E+06 6.224E+06 6.565E+06 4.506E+03 2.681E+03 4.787E+03 4.200E+06 6.015E+06 6.506E+06
 GRAND TOTAL 1.282E+04 9.342E+03 1.246E+04 8.762E+06 1.140E+07 1.221E+07 1.282E+04 9.342E+03 1.246E+04 8.762E+06 1.106E+07 1.219E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 269)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 32        19        19        32        19        32        19        32        19        19        19        32
 X MAXIMUM   3.797E+03 3.596E+03 4.907E+03 1.567E+06 6.663E+06 3.012E+06 4.253E+03 1.820E+03 4.907E+03 3.717E+06 3.837E+06 2.918E+06
 Y                121       121         1         1        19         7       121         1         1         1        19        32
 Y MAXIMUM   4.468E+03 4.190E+03 4.278E+03 4.069E+06 2.512E+06 2.972E+06 6.122E+03 2.414E+03 4.278E+03 3.849E+06 1.446E+06 2.755E+06
 Z                 32        10        14        14        14        14        32        14        14         7        14        14
 Z MAXIMUM   4.479E+03 2.677E+03 5.115E+03 4.200E+06 6.015E+06 6.507E+06 4.187E+03 4.215E+03 5.115E+03 2.667E+06 5.845E+06 5.598E+06
 GRAND TOTAL 1.274E+04 9.298E+03 1.274E+04 8.762E+06 1.106E+07 1.219E+07 1.380E+04 7.635E+03 1.274E+04 8.747E+06 8.240E+06 1.120E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 269)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 19        32        19        19        29        29
 X MAXIMUM   3.596E+03 3.797E+03 4.907E+03 4.794E+06 2.097E+06 2.645E+06
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 Y                 121       121         1         1         1         7
 Y MAXIMUM   4.190E+03 4.468E+03 4.278E+03 2.329E+06 2.439E+06 2.273E+06
 Z                  10        32        14        14        14        14
 Z MAXIMUM   2.677E+03 4.479E+03 5.115E+03 4.066E+06 2.251E+06 4.235E+06
 GRAND TOTAL 9.297E+03 1.274E+04 1.274E+04 8.767E+06 5.761E+06 8.940E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 270)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        32        19        19        50        29        19        32        19        19        19        29
 X MAXIMUM   3.687E+03 4.478E+03 3.799E+03 4.794E+06 9.747E+05 3.339E+06 3.687E+03 4.478E+03 3.799E+03 4.794E+06 1.815E+06 4.015E+06
 Y                 121       121         1         1         1         7       121       121         1         1         1         7
 Y MAXIMUM   4.151E+03 5.531E+03 2.251E+03 2.329E+06 2.178E+06 2.665E+06 4.151E+03 5.531E+03 2.251E+03 2.329E+06 1.262E+06 2.644E+06
 Z                  10        32        14        14        14         7        10        32        14        14        14         7
 Z MAXIMUM   2.678E+03 5.283E+03 6.984E+03 4.066E+06 4.065E+06 3.337E+06 2.678E+03 5.283E+03 6.984E+03 4.066E+06 1.223E+06 3.310E+06
 GRAND TOTAL 9.326E+03 1.519E+04 9.541E+03 8.767E+06 5.269E+06 9.239E+06 9.326E+03 1.519E+04 9.541E+03 8.767E+06 3.551E+06 8.745E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 271)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        32        19        19        19        29        19        32        19        19        19        19
 X MAXIMUM   3.760E+03 4.360E+03 4.338E+03 4.794E+06 1.815E+06 4.015E+06 3.760E+03 4.360E+03 4.338E+03 4.794E+06 3.581E+06 5.486E+06
 Y                 121       121         1         1         1         7       121       121         1         1        19       121
 Y MAXIMUM   4.117E+03 5.059E+03 2.237E+03 2.329E+06 1.262E+06 2.644E+06 4.117E+03 5.059E+03 2.237E+03 2.329E+06 1.350E+06 3.183E+06
 Z                  10        32        14        14        14         7        10        32        14        14        14         7
 Z MAXIMUM   2.678E+03 5.144E+03 7.215E+03 4.066E+06 1.223E+06 3.310E+06 2.678E+03 5.144E+03 7.215E+03 4.066E+06 1.714E+06 3.250E+06
 GRAND TOTAL 9.469E+03 1.454E+04 9.970E+03 8.767E+06 3.551E+06 8.745E+06 9.469E+03 1.454E+04 9.970E+03 8.767E+06 5.451E+06 1.179E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 272)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  19        32        19        19        19        19        19        32        19        19        32        19
 X MAXIMUM   3.850E+03 4.135E+03 4.921E+03 4.794E+06 3.581E+06 5.486E+06 5.442E+03 1.968E+03 4.921E+03 6.471E+06 8.631E+05 6.092E+06
 Y                 121         1         1         1        19       121       121         1         1        19         1         1
 Y MAXIMUM   4.074E+03 4.580E+03 2.212E+03 2.329E+06 1.350E+06 3.183E+06 5.811E+03 3.584E+03 2.212E+03 2.439E+06 1.994E+06 3.945E+06
 Z                  10        32        14        14        14         7        10        32        14        14        10        32
 Z MAXIMUM   2.679E+03 4.878E+03 7.439E+03 4.066E+06 1.714E+06 3.250E+06 4.844E+03 2.321E+03 7.439E+03 4.917E+06 2.055E+06 2.946E+06
 GRAND TOTAL 9.787E+03 1.342E+04 1.053E+04 8.767E+06 5.451E+06 1.179E+07 1.514E+04 6.842E+03 1.053E+04 1.035E+07 4.198E+06 1.359E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 272)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  32        19        19        19        19        19
 X MAXIMUM   4.135E+03 3.850E+03 4.921E+03 5.456E+06 2.919E+06 5.484E+06
 Y                   1       121         1        19         1         1
 Y MAXIMUM   4.580E+03 4.074E+03 2.212E+03 2.057E+06 3.171E+06 4.588E+06
 Z                  32        10        14        14        10        32
 Z MAXIMUM   4.878E+03 2.679E+03 7.439E+03 4.548E+06 1.764E+06 3.060E+06
 GRAND TOTAL 1.342E+04 9.787E+03 1.053E+04 8.914E+06 6.462E+06 1.267E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 273)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  32        19        19        19        19        19        32        19        19        19        10        19
 X MAXIMUM   3.803E+03 3.982E+03 5.420E+03 5.456E+06 2.919E+06 5.484E+06 3.803E+03 3.982E+03 5.420E+03 5.456E+06 6.895E+05 3.179E+06
 Y                   1       121         1        19         1         1         1       121         1        19         1         1
 Y MAXIMUM   4.538E+03 3.871E+03 2.178E+03 2.057E+06 3.171E+06 4.588E+06 4.538E+03 3.871E+03 2.178E+03 2.057E+06 4.432E+06 4.863E+06
 Z                  32        10        14        14        10        32        32        10        14        14        14        32
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 Z MAXIMUM   4.486E+03 2.695E+03 7.606E+03 4.548E+06 1.764E+06 3.060E+06 4.486E+03 2.695E+03 7.606E+03 4.548E+06 3.171E+06 2.062E+06
 GRAND TOTAL 1.206E+04 1.023E+04 1.121E+04 8.914E+06 6.462E+06 1.267E+07 1.206E+04 1.023E+04 1.121E+04 8.914E+06 6.903E+06 8.511E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 274)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  32        19        19        19        10        19        32        19        19        19        19        40
 X MAXIMUM   3.475E+03 4.101E+03 5.737E+03 5.456E+06 6.895E+05 3.179E+06 3.475E+03 4.101E+03 5.737E+03 5.456E+06 3.547E+06 1.386E+06
 Y                   1       121       121        19         1         1         1       121       121        19         1         1
 Y MAXIMUM   4.496E+03 2.976E+03 2.581E+03 2.057E+06 4.432E+06 4.863E+06 4.496E+03 2.976E+03 2.581E+03 2.057E+06 5.681E+06 5.134E+06
 Z                  32        14        14        14        14        32        32        14        14        14        14        14
 Z MAXIMUM   4.099E+03 2.729E+03 7.714E+03 4.548E+06 3.171E+06 2.062E+06 4.099E+03 2.729E+03 7.714E+03 4.548E+06 7.646E+06 1.979E+06
 GRAND TOTAL 1.091E+04 1.033E+04 1.176E+04 8.914E+06 6.903E+06 8.511E+06 1.091E+04 1.033E+04 1.176E+04 8.914E+06 1.189E+07 7.103E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 275)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  32        19        29        19        40        19        19        19        29        19        19        19
 X MAXIMUM   3.141E+03 5.883E+03 4.289E+03 5.456E+06 1.386E+06 3.547E+06 5.987E+03 2.332E+03 4.289E+03 3.760E+06 3.292E+06 4.843E+06
 Y                   1       121         7        19         1         1         1       121         7         1         1         1
 Y MAXIMUM   4.454E+03 2.852E+03 2.180E+03 2.057E+06 5.134E+06 5.681E+06 4.665E+03 2.553E+03 2.180E+03 3.335E+06 4.103E+06 5.762E+06
 Z                  10        14        14        14        14        14        14        14        14        14        19        14
 Z MAXIMUM   3.814E+03 7.778E+03 2.786E+03 4.548E+06 1.979E+06 7.646E+06 6.818E+03 4.182E+03 2.786E+03 4.927E+06 1.476E+06 9.533E+06
 GRAND TOTAL 1.002E+04 1.204E+04 1.039E+04 8.914E+06 7.103E+06 1.189E+07 1.319E+04 8.431E+03 1.039E+04 9.063E+06 6.705E+06 1.404E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 275)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        32        29        29        19        19
 X MAXIMUM   5.883E+03 3.141E+03 4.289E+03 9.947E+05 3.856E+06 4.803E+06
 Y                 121         1         7         1        19         1
 Y MAXIMUM   2.852E+03 4.454E+03 2.180E+03 5.311E+06 1.454E+06 4.801E+06
 Z                  14        10        14        14        14        14
 Z MAXIMUM   7.778E+03 3.814E+03 2.786E+03 3.041E+06 3.487E+06 9.899E+06
 GRAND TOTAL 1.204E+04 1.002E+04 1.039E+04 8.492E+06 6.303E+06 1.383E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 276)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  19        29        32        29        19        19        19        29        32        29        32        29
 X MAXIMUM   5.964E+03 4.932E+03 2.612E+03 9.947E+05 4.803E+06 3.856E+06 5.964E+03 4.932E+03 2.612E+03 9.947E+05 3.487E+06 7.242E+06
 Y                 121         7         1         1         1        19       121         7         1         1        32        29
 Y MAXIMUM   3.032E+03 2.236E+03 4.356E+03 5.311E+06 4.801E+06 1.454E+06 3.032E+03 2.236E+03 4.356E+03 5.311E+06 3.293E+06 2.476E+06
 Z                  14        10        10        14        14        14        14        10        10        14        14        10
 Z MAXIMUM   7.888E+03 2.861E+03 3.592E+03 3.041E+06 9.899E+06 3.487E+06 7.888E+03 2.861E+03 3.592E+03 3.041E+06 6.424E+06 2.999E+06
 GRAND TOTAL 1.229E+04 1.146E+04 9.303E+03 8.492E+06 1.383E+07 6.303E+06 1.229E+04 1.146E+04 9.303E+03 8.492E+06 1.126E+07 1.245E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 277)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  40        45        50        29        32        29        40        45        50        29        32        29
 X MAXIMUM   8.984E+03 1.788E+03 1.494E+03 9.947E+05 3.487E+06 7.242E+06 8.984E+03 1.788E+03 1.494E+03 9.947E+05 4.637E+06 6.050E+06
 Y                  40        45       121         1        32        29        40        45       121         1         1        45
 Y MAXIMUM   5.672E+03 4.157E+03 3.844E+03 5.311E+06 3.293E+06 2.476E+06 5.672E+03 4.157E+03 3.844E+03 5.311E+06 6.316E+06 4.749E+06
 Z                  44        45        14        14        14        10        44        45        14        14        10        45
 Z MAXIMUM   3.927E+03 3.380E+03 4.583E+03 3.041E+06 6.424E+06 2.999E+06 3.927E+03 3.380E+03 4.583E+03 3.041E+06 6.068E+06 3.860E+06
 GRAND TOTAL 1.654E+04 7.416E+03 8.899E+03 8.492E+06 1.126E+07 1.245E+07 1.654E+04 7.416E+03 8.899E+03 8.492E+06 1.598E+07 1.206E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 278)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 32        45        40        40        40        29        32        45        40        40        40        32
 X MAXIMUM   1.411E+03 1.806E+03 2.469E+03 3.620E+05 1.422E+06 1.103E+06 1.411E+03 1.806E+03 2.469E+03 3.620E+05 1.603E-08 2.062E+05
 Y                121        45        40        40        40        45       121        45        40        40         1       121
 Y MAXIMUM   3.854E+03 4.198E+03 1.559E+03 2.286E+05 8.978E+05 2.432E+06 3.854E+03 4.198E+03 1.559E+03 2.286E+05 4.400E-08 5.643E+05
 Z                 10        45        14        14        14        45        10        45        14        14        14        10
 Z MAXIMUM   2.247E+03 3.413E+03 1.826E+03 2.671E+05 1.052E+06 1.977E+06 2.247E+03 3.413E+03 1.826E+03 2.671E+05 4.628E-08 3.275E+05
 GRAND TOTAL 7.124E+03 7.364E+03 5.363E+03 7.846E+05 3.089E+06 4.238E+06 7.124E+03 7.364E+03 5.363E+03 7.846E+05 7.915E-08 1.045E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 279)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 45        32        40        40        40        32        45        32        40        40        40        29
 X MAXIMUM   1.652E+03 1.289E+03 2.263E+03 1.760E-09 3.620E+05 2.062E+05 1.652E+03 1.289E+03 2.263E+03 1.760E-09 1.485E-08 2.746E-08
 Y                 45       121        40         1        40       121        45       121        40         1         1         1
 Y MAXIMUM   3.841E+03 3.527E+03 1.429E+03 4.408E-09 2.286E+05 5.643E+05 3.841E+03 3.527E+03 1.429E+03 4.408E-09 2.529E-08 2.538E-07
 Z                 45        10        14        14        14        10        45        10        14        14        32         1
 Z MAXIMUM   3.123E+03 2.047E+03 1.670E+03 8.318E-09 2.671E+05 3.275E+05 3.123E+03 2.047E+03 1.670E+03 8.318E-09 1.069E-08 8.082E-08
 GRAND TOTAL 6.739E+03 6.530E+03 4.904E+03 1.071E-08 7.846E+05 1.045E+06 6.739E+03 6.530E+03 4.904E+03 1.071E-08 5.142E-08 2.872E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 280)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 40        29        32        29        32        29        40        29        32        29        32        29
 X MAXIMUM   6.021E+03 2.760E+03 1.130E+03 2.098E+06 4.218E+06 6.134E+06 6.021E+03 2.760E+03 1.130E+03 2.098E+06 3.776E+06 5.055E+06
 Y                121       121       121         1         1        45       121       121       121         1         1        45
 Y MAXIMUM   3.996E+03 1.270E+03 1.152E+03 4.788E+06 6.479E+06 4.669E+06 3.996E+03 1.270E+03 1.152E+03 4.788E+06 6.854E+06 4.364E+06
 Z                 44        10        14        14        10        45        44        10        14        14        10        45
 Z MAXIMUM   2.516E+03 1.861E+03 2.918E+03 3.238E+06 6.127E+06 3.795E+06 2.516E+03 1.861E+03 2.918E+03 3.238E+06 5.869E+06 3.548E+06
 GRAND TOTAL 1.169E+04 5.452E+03 5.083E+03 8.376E+06 1.589E+07 1.221E+07 1.169E+04 5.452E+03 5.083E+03 8.376E+06 1.550E+07 1.122E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 281)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 40        29        32        29        32        29        40        29        32        29        32        29
 X MAXIMUM   5.871E+03 2.848E+03 1.214E+03 2.098E+06 3.776E+06 5.055E+06 5.871E+03 2.848E+03 1.214E+03 2.098E+06 3.300E+06 3.938E+06
 Y                121       121       121         1         1        45       121       121       121         1         1        45
 Y MAXIMUM   4.063E+03 1.292E+03 1.476E+03 4.788E+06 6.854E+06 4.364E+06 4.063E+03 1.292E+03 1.476E+03 4.788E+06 7.156E+06 3.972E+06
 Z                 44        10        14        14        10        45        44        10        14        14        10        14
 Z MAXIMUM   2.435E+03 1.863E+03 2.726E+03 3.238E+06 5.869E+06 3.548E+06 2.435E+03 1.863E+03 2.726E+03 3.238E+06 5.524E+06 3.860E+06
 GRAND TOTAL 1.145E+04 5.608E+03 5.186E+03 8.376E+06 1.550E+07 1.122E+07 1.145E+04 5.608E+03 5.186E+03 8.376E+06 1.513E+07 1.045E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 282)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 50        45        40        40        40        45        50        45        40        40        40        50
 X MAXIMUM   7.894E+02 1.679E+03 2.249E+03 3.293E+05 1.296E+06 9.837E+05 7.894E+02 1.679E+03 2.249E+03 3.293E+05 2.108E-08 1.171E+05
 Y                121        45       121       121       121        45       121        45       121       121        40       121
 Y MAXIMUM   2.699E+03 3.903E+03 2.802E+03 4.165E+05 1.614E+06 2.287E+06 2.699E+03 3.903E+03 2.802E+03 4.165E+05 1.187E-08 4.014E+05
 Z                 14        45        14        14        14        45        14        45        14        14        14        14
 Z MAXIMUM   2.994E+03 3.173E+03 1.701E+03 2.486E+05 9.800E+05 1.859E+06 2.994E+03 3.173E+03 1.701E+03 2.486E+05 1.370E-08 4.387E+05
 GRAND TOTAL 6.298E+03 7.333E+03 6.447E+03 9.495E+05 3.714E+06 4.581E+06 6.298E+03 7.333E+03 6.447E+03 9.495E+05 4.289E-08 9.272E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 283)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 45        50        40        32        40        50        45        50        40        32        14        10
 X MAXIMUM   1.536E+03 7.318E+02 2.058E+03 1.068E-09 3.293E+05 1.171E+05 1.536E+03 7.318E+02 2.058E+03 1.068E-09 1.888E-08 1.687E-08
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 Y                 45       121       121         1       121       121        45       121       121         1        50         1
 Y MAXIMUM   3.572E+03 2.509E+03 2.603E+03 3.174E-09 4.165E+05 4.014E+05 3.572E+03 2.509E+03 2.603E+03 3.174E-09 1.055E-08 9.584E-08
 Z                 45        14        14        14        14        14        45        14        14        14        14         7
 Z MAXIMUM   2.903E+03 2.742E+03 1.554E+03 3.615E-09 2.486E+05 4.387E+05 2.903E+03 2.742E+03 1.554E+03 3.615E-09 8.887E-08 5.508E-08
 GRAND TOTAL 6.711E+03 5.795E+03 5.934E+03 6.646E-09 9.495E+05 9.272E+05 6.711E+03 5.795E+03 5.934E+03 6.646E-09 9.703E-08 1.509E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 284)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 40        29        32        29        40        29        40        29        32        29        40        32
 X MAXIMUM   3.250E+03 4.590E+03 1.611E+03 2.992E+06 3.422E+06 4.023E+06 3.250E+03 4.590E+03 1.611E+03 2.992E+06 3.815E+06 1.853E+06
 Y                 40        45       121         1         1        45        40        45       121         1         1        32
 Y MAXIMUM   2.052E+03 5.412E+03 4.671E+03 4.196E+06 7.288E+06 3.868E+06 2.052E+03 5.412E+03 4.671E+03 4.196E+06 5.333E+06 1.750E+06
 Z                 10        45        10        14        10        14        10        45        10        14        14        14
 Z MAXIMUM   1.814E+03 4.400E+03 3.755E+03 3.693E+06 5.514E+06 4.109E+06 1.814E+03 4.400E+03 3.755E+03 3.693E+06 4.349E+06 5.534E+06
 GRAND TOTAL 5.921E+03 1.084E+04 8.875E+03 9.355E+06 1.465E+07 1.069E+07 5.921E+03 1.084E+04 8.875E+03 9.355E+06 1.020E+07 8.716E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 285)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 40        10        10        29        32        40        40        32        10        29        29        40
 X MAXIMUM   2.671E+03 1.289E+03 1.821E+03 2.992E+06 1.853E+06 3.815E+06 2.217E+03 1.542E+03 1.821E+03 2.328E+06 1.794E+06 3.642E+06
 Y                 40       121        10         1        32         1       121         1        10         1         1         1
 Y MAXIMUM   1.686E+03 3.423E+03 2.947E+03 4.196E+06 1.750E+06 5.333E+06 3.276E+03 2.612E+03 2.947E+03 2.819E+06 3.051E+06 4.703E+06
 Z                 10        10        14        14        14        14        10        10        14         7        14        14
 Z MAXIMUM   1.807E+03 4.584E+03 6.751E+03 3.693E+06 5.534E+06 4.349E+06 4.038E+03 2.824E+03 6.751E+03 1.667E+06 5.233E+06 3.847E+06
 GRAND TOTAL 5.337E+03 8.736E+03 1.128E+04 9.355E+06 8.716E+06 1.020E+07 7.816E+03 6.612E+03 1.128E+04 6.306E+06 9.098E+06 9.323E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 285)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        40        10        32        29        40
 X MAXIMUM   1.386E+03 2.466E+03 1.821E+03 1.729E+06 2.578E+06 3.188E+06
 Y                121        40        10        32         1         1
 Y MAXIMUM   3.800E+03 1.557E+03 2.947E+03 1.633E+06 3.565E+06 4.234E+06
 Z                 10        32        14        14        14        14
 Z MAXIMUM   4.926E+03 1.680E+03 6.751E+03 2.085E+06 3.192E+06 3.611E+06
 GRAND TOTAL 9.116E+03 4.658E+03 1.128E+04 4.905E+06 8.002E+06 8.525E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 286)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        10        40        32        40        29        10        10        40        32        40        29
 X MAXIMUM   1.509E+03 1.786E+03 2.185E+03 1.729E+06 3.188E+06 2.578E+06 1.509E+03 1.786E+03 2.185E+03 1.729E+06 1.460E+06 1.855E+06
 Y                121        10         1        32         1         1       121        10         1        32         1        45
 Y MAXIMUM   2.983E+03 2.892E+03 1.678E+03 1.633E+06 4.234E+06 3.565E+06 2.983E+03 2.892E+03 1.678E+03 1.633E+06 2.907E+06 1.644E+06
 Z                 10        14        32        14        14        14        10        14        32        14        14        10
 Z MAXIMUM   5.365E+03 6.590E+03 1.392E+03 2.085E+06 3.611E+06 3.192E+06 5.365E+03 6.590E+03 1.392E+03 2.085E+06 3.056E+06 3.442E+06
 GRAND TOTAL 9.347E+03 1.093E+04 4.455E+03 4.905E+06 8.525E+06 8.002E+06 9.347E+03 1.093E+04 4.455E+03 4.905E+06 5.847E+06 6.784E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 287)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        10        40        32        40        29        10        10        40        32        26        10
 X MAXIMUM   1.620E+03 1.707E+03 1.664E+03 1.729E+06 1.460E+06 1.855E+06 1.620E+03 1.707E+03 1.664E+03 1.729E+06 1.084E+06 2.320E+06
 Y                  1        10         1        32         1        45         1        10         1        32         1        10
 Y MAXIMUM   3.384E+03 2.763E+03 1.855E+03 1.633E+06 2.907E+06 1.644E+06 3.384E+03 2.763E+03 1.855E+03 1.633E+06 1.439E+06 3.755E+06
 Z                 10        14        14        14        14        10        10        14        14        14        14        10
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 Z MAXIMUM   5.758E+03 6.295E+03 1.222E+03 2.085E+06 3.056E+06 3.442E+06 5.758E+03 6.295E+03 1.222E+03 2.085E+06 2.089E+06 8.246E+06
 GRAND TOTAL 9.876E+03 1.042E+04 4.080E+03 4.905E+06 5.847E+06 6.785E+06 9.876E+03 1.042E+04 4.080E+03 4.905E+06 3.641E+06 1.295E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 288)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  10        10        40        32        26        10        10        10        40        32        26        10
 X MAXIMUM   1.704E+03 1.612E+03 1.030E+03 1.729E+06 1.084E+06 2.319E+06 1.704E+03 1.612E+03 1.030E+03 1.729E+06 1.214E+06 2.984E+06
 Y                   1        10         1        32         1        10         1        10         1        32        32        10
 Y MAXIMUM   3.703E+03 2.610E+03 1.989E+03 1.633E+06 1.439E+06 3.755E+06 3.703E+03 2.610E+03 1.989E+03 1.633E+06 8.500E+05 4.830E+06
 Z                  10        14        14        14        14        10        10        14        14        14        14        10
 Z MAXIMUM   6.057E+03 5.969E+03 1.731E+03 2.090E+06 2.089E+06 8.246E+06 6.057E+03 5.969E+03 1.731E+03 2.090E+06 1.376E+06 1.061E+07
 GRAND TOTAL 1.045E+04 9.846E+03 3.804E+03 4.910E+06 3.641E+06 1.295E+07 1.045E+04 9.846E+03 3.804E+03 4.910E+06 2.761E+06 1.665E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 289)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  10        10        32        32        26        10        10        29        32        26        32        10
 X MAXIMUM   1.774E+03 1.520E+03 6.040E+02 1.729E+06 1.214E+06 2.984E+06 2.329E+03 7.390E+02 6.040E+02 1.502E+06 1.697E+06 3.195E+06
 Y                   1        10         1        32        32        10        10         1         1        32        32        10
 Y MAXIMUM   3.972E+03 2.461E+03 2.097E+03 1.633E+06 8.500E+05 4.830E+06 3.771E+03 4.084E+03 2.097E+03 6.174E+05 1.602E+06 5.173E+06
 Z                  10        14        14        14        14        10        10         1        14        32        32        10
 Z MAXIMUM   6.307E+03 5.662E+03 2.198E+03 2.090E+06 1.376E+06 1.061E+07 8.281E+03 1.324E+03 2.198E+03 7.713E+05 2.001E+06 1.136E+07
 GRAND TOTAL 1.104E+04 9.293E+03 4.023E+03 4.910E+06 2.761E+06 1.665E+07 1.349E+04 5.132E+03 4.023E+03 2.736E+06 4.354E+06 1.795E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 289)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  10        10        32        26        32        10
 X MAXIMUM   1.520E+03 1.774E+03 6.040E+02 1.394E+06 1.499E+06 2.887E+06
 Y                  10         1         1        32        32        10
 Y MAXIMUM   2.461E+03 3.972E+03 2.097E+03 6.327E+05 1.416E+06 4.674E+06
 Z                  14        10        14        32        32        10
 Z MAXIMUM   5.662E+03 6.307E+03 2.198E+03 7.904E+05 1.769E+06 1.026E+07
 GRAND TOTAL 9.293E+03 1.104E+04 4.023E+03 2.191E+06 4.022E+06 1.650E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 290)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  10        32        32        26        40        10        10        32        32        26        32        32
 X MAXIMUM   1.186E+03 2.089E+03 2.143E+03 1.394E+06 1.449E+06 2.719E+06 1.186E+03 2.089E+03 2.143E+03 1.394E+06 5.284E+06 4.483E+06
 Y                  10         1        32        32        10        10        10         1        32        32        32         1
 Y MAXIMUM   1.920E+03 5.330E+03 2.024E+03 6.327E+05 1.592E+06 4.401E+06 1.920E+03 5.330E+03 2.024E+03 6.327E+05 4.990E+06 1.851E+07
 Z                  14        14        32        32        10        10        14        14        32        32        32        14
 Z MAXIMUM   4.618E+03 8.710E+03 2.528E+03 7.904E+05 3.497E+06 9.666E+06 4.618E+03 8.710E+03 2.528E+03 7.904E+05 6.234E+06 1.625E+07
 GRAND TOTAL 7.352E+03 1.446E+04 5.732E+03 2.191E+06 5.929E+06 1.592E+07 7.352E+03 1.446E+04 5.732E+03 2.191E+06 1.299E+07 3.078E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 291)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  10        32        32        26        32        32        10        32        32        26        32        32
 X MAXIMUM   7.941E+02 2.006E+03 2.255E+03 1.394E+06 5.284E+06 4.483E+06 7.941E+02 2.006E+03 2.255E+03 1.394E+06 2.569E+06 2.068E+06
 Y                  10         1        32        32        32         1        10         1        32        32        32         1
 Y MAXIMUM   1.286E+03 5.873E+03 2.130E+03 6.327E+05 4.990E+06 1.851E+07 1.286E+03 5.873E+03 2.130E+03 6.327E+05 2.426E+06 1.144E+07
 Z                  14        14        32        32        32        14        14        14        32        32        32        14
 Z MAXIMUM   3.389E+03 7.935E+03 2.660E+03 7.904E+05 6.234E+06 1.625E+07 3.389E+03 7.935E+03 2.660E+03 7.904E+05 3.031E+06 6.695E+06
 GRAND TOTAL 5.348E+03 1.384E+04 5.723E+03 2.191E+06 1.299E+07 3.078E+07 5.348E+03 1.384E+04 5.723E+03 2.191E+06 6.940E+06 1.605E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 292)
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	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	14	32	32	26	32	32	14	32	32	26	69	21
X MAXIMUM	5.702E+02	2.052E+03	2.315E+03	1.394E+06	2.569E+06	2.068E+06	5.702E+02	2.052E+03	2.315E+03	1.394E+06	2.649E+06	2.255E+06
Y	123	1	32	32	32	1	123	1	32	32	1	1
Y MAXIMUM	1.371E+03	5.908E+03	2.186E+03	6.327E+05	2.426E+06	1.144E+07	1.371E+03	5.908E+03	2.186E+03	6.327E+05	1.511E+06	4.329E+06
Z	14	14	32	32	32	14	14	14	32	32	21	21
Z MAXIMUM	2.670E+03	8.003E+03	2.730E+03	7.904E+05	3.031E+06	6.695E+06	2.670E+03	8.003E+03	2.730E+03	7.904E+05	1.891E+06	7.041E+06
GRAND TOTAL	4.468E+03	1.391E+04	5.840E+03	2.191E+06	6.940E+06	1.605E+07	4.468E+03	1.391E+04	5.840E+03	2.191E+06	4.575E+06	1.094E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (293)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	21	21	69	26	69	21	21	21	69	26	69	69
X MAXIMUM	4.233E+02	8.235E+02	2.229E+03	1.394E+06	2.649E+06	2.255E+06	4.233E+02	8.235E+02	2.229E+03	1.394E+06	3.109E+06	8.358E+05
Y	1	104	1	32	1	1	1	104	1	32	104	104
Y MAXIMUM	2.235E+03	3.127E+03	8.411E+02	6.327E+05	1.511E+06	4.329E+06	2.235E+03	3.127E+03	8.411E+02	6.327E+05	1.368E+06	5.103E+06
Z	14	21	21	32	21	21	14	21	21	32	69	10
Z MAXIMUM	1.537E+03	2.571E+03	6.903E+02	7.904E+05	1.891E+06	7.041E+06	1.537E+03	2.571E+03	6.903E+02	7.904E+05	9.407E+05	1.090E+06
GRAND TOTAL	3.967E+03	6.379E+03	3.007E+03	2.191E+06	4.575E+06	1.094E+07	3.967E+03	6.379E+03	3.007E+03	2.191E+06	4.024E+06	7.865E+06

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (294)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	21	10	69	26	69	69	21	10	69	26	69	10
X MAXIMUM	5.786E+02	4.351E+02	5.303E+02	1.394E+06	3.109E+06	8.358E+05	5.786E+02	4.351E+02	5.303E+02	1.394E+06	2.432E+06	8.627E+05
Y	1	1	1	32	104	104	1	1	1	32	1	1
Y MAXIMUM	3.320E+03	2.664E+03	7.873E+02	6.327E+05	1.368E+06	5.103E+06	3.320E+03	2.664E+03	7.873E+02	6.327E+05	1.669E+06	6.522E+06
Z	21	10	10	32	69	10	21	10	10	32	10	10
Z MAXIMUM	1.806E+03	1.547E+03	3.705E+02	7.904E+05	9.407E+05	1.090E+06	1.806E+03	1.547E+03	3.705E+02	7.904E+05	8.788E+05	3.067E+06
GRAND TOTAL	4.753E+03	4.880E+03	1.518E+03	2.191E+06	4.024E+06	7.865E+06	4.753E+03	4.880E+03	1.518E+03	2.191E+06	3.530E+06	8.746E+06

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (295)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	21	69	69	26	69	10	21	69	69	26	69	10
X MAXIMUM	6.476E+02	4.731E+02	1.760E+03	1.394E+06	2.432E+06	8.627E+05	6.476E+02	4.731E+02	1.760E+03	1.394E+06	1.386E+06	1.096E+06
Y	1	123	123	32	1	1	1	123	123	32	1	1
Y MAXIMUM	3.803E+03	3.654E+03	9.844E+02	6.327E+05	1.669E+06	6.522E+06	3.803E+03	3.654E+03	9.844E+02	6.327E+05	2.118E+06	8.029E+06
Z	21	10	69	32	10	10	21	10	69	32	10	10
Z MAXIMUM	2.022E+03	1.395E+03	5.325E+02	7.904E+05	8.788E+05	3.067E+06	2.022E+03	1.395E+03	5.325E+02	7.904E+05	1.071E+06	3.896E+06
GRAND TOTAL	5.398E+03	6.016E+03	2.537E+03	2.191E+06	3.530E+06	8.746E+06	5.398E+03	6.016E+03	2.537E+03	2.191E+06	3.166E+06	1.014E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (296)

	PX(I)	VY(I)	VZ(I)	TX(I)	MY(I)	MZ(I)	PX(C)	VY(C)	VZ(C)	TX(C)	MY(C)	MZ(C)
X	21	10	69	26	69	10	21	21	69	26	32	10
X MAXIMUM	7.113E+02	3.606E+02	2.821E+03	1.394E+06	1.435E+06	1.136E+06	7.147E+02	2.582E+02	2.821E+03	1.619E+06	4.365E+05	1.237E+06
Y	1	104	69	32	69	1	1	104	69	32	32	1
Y MAXIMUM	4.248E+03	4.197E+03	3.532E+02	6.327E+05	1.796E+05	8.303E+06	4.868E+03	3.295E+03	3.532E+02	5.057E+05	4.122E+05	8.800E+06
Z	21	10	69	32	69	10	21	21	69	32	32	10
Z MAXIMUM	2.220E+03	1.282E+03	8.536E+02	7.904E+05	4.342E+05	4.040E+06	2.231E+03	8.062E+02	8.536E+02	6.317E+05	5.150E+05	4.398E+06
GRAND TOTAL	6.089E+03	6.829E+03	3.135E+03	2.191E+06	1.708E+06	1.049E+07	8.259E+03	3.938E+03	3.135E+03	2.119E+06	1.074E+06	1.148E+07

0ELEMENT TYPE (3/D P I P E) / / / ELEMENT NUMBER (296)

	PX(J)	VY(J)	VZ(J)	TX(J)	MY(J)	MZ(J)
X	10	21	69	26	69	10
X MAXIMUM	4.274E+02	6.605E+02	2.821E+03	1.331E+06	1.687E+06	1.115E+06

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 Y                 123         1        69        32        32         1
 Y MAXIMUM   4.454E+03 3.800E+03 3.532E+02 9.736E+04 6.949E+05 7.427E+06
 Z                  10        21        69        26        32        10
 Z MAXIMUM   1.519E+03 2.062E+03 8.536E+02 3.992E+05 8.680E+05 3.963E+06
 GRAND TOTAL 7.409E+03 5.368E+03 3.135E+03 1.526E+06 2.642E+06 1.043E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 297)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 21        21        69        26        69        10        21        21        69        26        69        10
 X MAXIMUM   6.456E+02 6.317E+02 3.019E+03 1.331E+06 1.687E+06 1.115E+06 6.456E+02 6.317E+02 3.019E+03 1.331E+06 1.804E+06 1.096E+06
 Y                123         1        69        32        32         1       123         1        69        32        32         1
 Y MAXIMUM   4.322E+03 4.077E+03 3.779E+02 9.727E+04 6.949E+05 7.427E+06 4.322E+03 4.077E+03 3.779E+02 9.727E+04 6.991E+05 7.269E+06
 Z                 21        21        69        26        32        10        21        21        69        26        32        10
 Z MAXIMUM   2.015E+03 1.972E+03 9.132E+02 3.992E+05 8.680E+05 3.963E+06 2.015E+03 1.972E+03 9.132E+02 3.992E+05 8.733E+05 3.897E+06
 GRAND TOTAL 7.507E+03 5.713E+03 3.391E+03 1.526E+06 2.642E+06 1.043E+07 7.507E+03 5.713E+03 3.391E+03 1.526E+06 2.729E+06 1.027E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 298)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 21        21        69        26        69        10        21        21        69        26        69        10
 X MAXIMUM   7.241E+02 6.235E+02 3.073E+03 1.330E+06 1.804E+06 1.096E+06 7.241E+02 6.235E+02 3.073E+03 1.330E+06 2.741E+06 9.404E+05
 Y                 123         1        69        32        32         1       123         1        69        32        32         1
 Y MAXIMUM   4.282E+03 4.160E+03 3.846E+02 9.662E+04 6.992E+05 7.269E+06 4.282E+03 4.160E+03 3.846E+02 9.662E+04 7.327E+05 6.000E+06
 Z                 21        21        69        26        32        10        21        21        69        26        32        10
 Z MAXIMUM   2.261E+03 1.947E+03 9.296E+02 3.990E+05 8.734E+05 3.897E+06 2.261E+03 1.947E+03 9.296E+02 3.990E+05 9.152E+05 3.343E+06
 GRAND TOTAL 7.553E+03 5.832E+03 3.465E+03 1.526E+06 2.729E+06 1.027E+07 7.553E+03 5.832E+03 3.465E+03 1.526E+06 3.526E+06 8.984E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 299)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 21        10        26        26        69        10        21        10        26        26        26        21
 X MAXIMUM   1.160E+03 6.447E+02 2.947E+03 1.330E+06 2.741E+06 9.404E+05 1.160E+03 6.447E+02 2.947E+03 1.330E+06 4.225E+06 1.791E+06
 Y                 123         1        32        32        32         1       123         1        32        32        32       123
 Y MAXIMUM   4.066E+03 4.565E+03 2.957E+02 9.673E+04 7.326E+05 6.000E+06 4.066E+03 4.565E+03 2.957E+02 9.673E+04 2.632E+05 1.631E+06
 Z                 21        10        26        26        32        10        21        10        26        26        26        21
 Z MAXIMUM   3.620E+03 2.292E+03 8.838E+02 3.990E+05 9.152E+05 3.343E+06 3.620E+03 2.292E+03 8.838E+02 3.990E+05 1.267E+06 5.590E+06
 GRAND TOTAL 7.980E+03 6.421E+03 3.363E+03 1.526E+06 3.526E+06 8.984E+06 7.980E+03 6.421E+03 3.363E+03 1.526E+06 4.744E+06 6.535E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 300)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 21        10        26        26        26        21        21        10        26        26        26        21
 X MAXIMUM   1.815E+03 7.432E+02 1.675E+03 1.330E+06 4.225E+06 1.791E+06 1.815E+03 7.432E+02 1.675E+03 1.330E+06 6.339E+06 2.269E+06
 Y                 104         1        32        32        32       123       104         1        32        32        26         1
 Y MAXIMUM   3.951E+03 4.857E+03 2.879E+02 9.673E+04 2.632E+05 1.631E+06 3.951E+03 4.857E+03 2.879E+02 9.673E+04 1.093E+05 7.378E+06
 Z                 21        10        26        26        26        21        21        10        26        26        26        21
 Z MAXIMUM   5.665E+03 2.642E+03 5.024E+02 3.990E+05 1.267E+06 5.590E+06 5.665E+03 2.642E+03 5.024E+02 3.990E+05 1.901E+06 7.083E+06
 GRAND TOTAL 9.027E+03 6.707E+03 2.315E+03 1.526E+06 4.744E+06 6.535E+06 9.027E+03 6.707E+03 2.315E+03 1.526E+06 6.626E+06 1.192E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 301)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 21        10        69        26        26        21        21        21        69        26        26        21
 X MAXIMUM   2.228E+03 7.536E+02 1.111E+03 1.330E+06 6.339E+06 2.269E+06 1.879E+03 1.231E+03 1.111E+03 3.142E+06 5.780E+06 2.136E+06
 Y                 104         1        32        32        26         1         1       123        32        69        32         1
 Y MAXIMUM   3.885E+03 4.886E+03 2.651E+02 9.673E+04 1.093E+05 7.378E+06 5.486E+03 4.030E+03 2.651E+02 7.758E+04 2.046E+05 8.309E+06
 Z                 21        10        69        26        26        21        21        21        69        26        26        21
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 Z MAXIMUM   6.956E+03 2.679E+03 3.362E+02 3.990E+05 1.901E+06 7.083E+06 5.867E+03 3.842E+03 3.362E+02 9.424E+05 1.733E+06 6.668E+06
 GRAND TOTAL 9.880E+03 7.169E+03 1.721E+03 1.526E+06 6.626E+06 1.192E+07 1.032E+04 6.525E+03 1.721E+03 3.352E+06 6.054E+06 1.258E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 301)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        69        26        26        21
 X MAXIMUM   8.033E+02 2.156E+03 1.111E+03 6.179E+06 2.449E+06 1.660E+06
 Y                  1       123        32        32        32         1
 Y MAXIMUM   5.300E+03 3.798E+03 2.651E+02 1.691E+05 2.109E+05 8.238E+06
 Z                 10        21        69        26        26        21
 Z MAXIMUM   2.856E+03 6.732E+03 3.362E+02 1.853E+06 7.345E+05 5.181E+06
 GRAND TOTAL 7.832E+03 9.363E+03 1.721E+03 6.501E+06 2.627E+06 1.175E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 302)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        69        26        26        21        10        21        69        26        26        21
 X MAXIMUM   8.034E+02 2.204E+03 1.067E+03 6.179E+06 2.354E+06 1.603E+06 8.034E+02 2.204E+03 1.067E+03 6.179E+06 2.354E+06 1.479E+06
 Y                  1       123       123        32         1         1         1       123       123        32         1         1
 Y MAXIMUM   5.300E+03 3.673E+03 9.896E+02 1.691E+05 2.172E+06 7.947E+06 5.300E+03 3.673E+03 9.896E+02 1.691E+05 2.144E+06 7.824E+06
 Z                 10        21        21        26        21        21        10        21        21        26        21        21
 Z MAXIMUM   2.856E+03 6.881E+03 1.840E+03 1.853E+06 1.341E+06 5.004E+06 2.856E+03 6.881E+03 1.840E+03 1.853E+06 1.238E+06 4.616E+06
 GRAND TOTAL 8.025E+03 9.364E+03 2.963E+03 6.501E+06 3.970E+06 1.137E+07 8.025E+03 9.364E+03 2.963E+03 6.501E+06 3.919E+06 1.107E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 303)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        69        26        26        21        10        21        69        26        26        21
 X MAXIMUM   8.034E+02 2.242E+03 1.064E+03 6.179E+06 2.354E+06 1.479E+06 8.034E+02 2.242E+03 1.064E+03 6.179E+06 2.338E+06 1.174E+06
 Y                  1       123       123        32         1         1         1       123       123        32         1         1
 Y MAXIMUM   5.301E+03 3.674E+03 9.897E+02 1.691E+05 2.144E+06 7.824E+06 5.301E+03 3.674E+03 9.897E+02 1.691E+05 2.077E+06 7.527E+06
 Z                 10        21        21        26        21        21        10        21        21        26        21        10
 Z MAXIMUM   2.856E+03 7.000E+03 1.872E+03 1.853E+06 1.238E+06 4.616E+06 2.856E+03 7.000E+03 1.872E+03 1.853E+06 9.831E+05 3.922E+06
 GRAND TOTAL 8.099E+03 9.461E+03 2.988E+03 6.501E+06 3.919E+06 1.107E+07 8.099E+03 9.461E+03 2.988E+03 6.501E+06 3.813E+06 1.043E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 304)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        26        26        26        21        10        21        26        26       170        10
 X MAXIMUM   8.050E+02 4.928E+03 8.636E+03 6.179E+06 2.338E+06 1.174E+06 8.050E+02 4.928E+03 8.636E+03 6.179E+06 7.306E+05 1.058E+06
 Y                123       123       123        32         1         1       123       123       123        32         1         1
 Y MAXIMUM   1.951E+04 3.529E+03 9.512E+02 1.691E+05 2.077E+06 7.527E+06 1.951E+04 3.529E+03 9.512E+02 1.691E+05 1.966E+06 7.032E+06
 Z                 10        21        21        26        21        10        10        21        21        26        10        10
 Z MAXIMUM   2.862E+03 1.538E+04 4.112E+03 1.853E+06 9.831E+05 3.922E+06 2.862E+03 1.538E+04 4.112E+03 1.853E+06 8.674E+05 3.760E+06
 GRAND TOTAL 2.114E+04 1.733E+04 1.030E+04 6.501E+06 3.813E+06 1.043E+07 2.114E+04 1.733E+04 1.030E+04 6.501E+06 2.829E+06 9.410E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 305)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        26        26       170        10        10        21        26        26        26        21
 X MAXIMUM   8.081E+02 9.650E+03 2.362E+04 6.179E+06 7.306E+05 1.058E+06 8.081E+02 9.650E+03 2.362E+04 6.179E+06 5.179E+06 2.223E+06
 Y                123       123       123        32         1         1       123       123       123        32         1         1
 Y MAXIMUM   5.280E+04 2.846E+03 7.671E+02 1.691E+05 1.966E+06 7.032E+06 5.280E+04 2.846E+03 7.671E+02 1.691E+05 1.864E+06 6.561E+06
 Z                 10        21        21        26        10        10        10        21        21        26        21        21
 Z MAXIMUM   2.873E+03 3.013E+04 8.050E+03 1.853E+06 8.674E+05 3.760E+06 2.873E+03 3.013E+04 8.050E+03 1.853E+06 1.851E+06 6.940E+06
 GRAND TOTAL 5.381E+04 3.276E+04 2.626E+04 6.501E+06 2.829E+06 9.410E+06 5.381E+04 3.276E+04 2.626E+04 6.501E+06 6.495E+06 1.193E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 306)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        26        26        26        21        10        21        26        26        26        21
 X MAXIMUM   8.111E+02 1.378E+04 3.674E+04 6.179E+06 5.179E+06 2.223E+06 8.111E+02 1.378E+04 3.674E+04 6.179E+06 1.378E+07 5.447E+06
 Y                123         1        26        32         1         1       123         1        26        32         1         1
 Y MAXIMUM   8.599E+04 1.939E+03 6.334E+02 1.691E+05 1.864E+06 6.561E+06 8.599E+04 1.939E+03 6.334E+02 1.691E+05 1.769E+06 6.108E+06
 Z                 10        21        21        26        21        21        10        21        21        26        21        21
 Z MAXIMUM   2.883E+03 4.301E+04 1.149E+04 1.853E+06 1.851E+06 6.940E+06 2.883E+03 4.301E+04 1.149E+04 1.853E+06 4.540E+06 1.700E+07
 GRAND TOTAL 8.704E+04 4.658E+04 4.036E+04 6.501E+06 6.495E+06 1.193E+07 8.704E+04 4.658E+04 4.036E+04 6.501E+06 1.553E+07 2.052E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 307)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 26        21        21        26        21        21        26        21        21        26        21        21
 X MAXIMUM   1.720E-10 4.087E-12 4.330E-11 2.690E-09 4.021E-08 2.288E-09 1.720E-10 4.087E-12 4.330E-11 2.690E-09 1.842E-08 6.860E-09
 Y                  1       123        21       123        21       123         1       123        21       123        21       123
 Y MAXIMUM   3.475E-11 8.291E-12 5.642E-12 6.113E-10 5.361E-09 8.471E-09 3.475E-11 8.291E-12 5.642E-12 6.113E-10 2.614E-09 4.084E-09
 Z                 21        14        21        21        21        21        21        14        21        21        21        21
 Z MAXIMUM   1.759E-10 5.142E-12 1.398E-10 3.172E-09 1.318E-07 1.213E-08 1.759E-10 5.142E-12 1.398E-10 3.172E-09 5.843E-08 2.879E-08
 GRAND TOTAL 2.649E-10 1.243E-11 1.474E-10 4.375E-09 1.389E-07 1.654E-08 2.649E-10 1.243E-11 1.474E-10 4.375E-09 6.150E-08 3.090E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 308)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 26        26        21        26        21        26        26        26        21        26        26        26
 X MAXIMUM   4.415E-10 4.998E-11 1.532E-11 4.690E-09 2.205E-08 5.549E-08 4.415E-10 4.998E-11 1.532E-11 4.690E-09 8.808E-09 2.915E-08
 Y                  1       123        21       123        21       123         1       123        21       123         1       123
 Y MAXIMUM   1.947E-11 2.409E-11 1.808E-12 7.401E-10 2.524E-09 1.030E-08 1.947E-11 2.409E-11 1.808E-12 7.401E-10 2.095E-09 1.671E-08
 Z                 21        26        21        21        21        26        21        26        21        21        26        26
 Z MAXIMUM   4.512E-10 1.735E-11 6.330E-11 5.338E-09 5.438E-08 1.656E-08 4.512E-10 1.735E-11 6.330E-11 5.338E-09 2.591E-09 1.081E-08
 GRAND TOTAL 6.750E-10 5.951E-11 6.534E-11 7.407E-09 6.023E-08 5.945E-08 6.750E-10 5.951E-11 6.534E-11 7.407E-09 9.882E-09 3.589E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 309)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 26        14        21        26        21        21        26        14        21        26        21        26
 X MAXIMUM   1.194E-10 1.221E-12 4.411E-11 2.690E-09 4.043E-08 9.564E-09 1.194E-10 1.221E-12 4.411E-11 2.690E-09 1.738E-08 2.424E-09
 Y                  1       123        21       123        21       123         1       123        21       123        21       123
 Y MAXIMUM   3.947E-11 8.515E-12 5.800E-12 5.852E-10 5.420E-09 1.817E-09 3.947E-11 8.515E-12 5.800E-12 5.852E-10 2.358E-09 8.915E-09
 Z                 21        14        21        21        21        21        21        14        21        21        21        21
 Z MAXIMUM   2.090E-10 5.384E-12 1.436E-10 3.172E-09 1.285E-07 3.543E-08 2.090E-10 5.384E-12 1.436E-10 3.172E-09 5.784E-08 1.289E-08
 GRAND TOTAL 2.635E-10 1.081E-11 1.519E-10 4.372E-09 1.373E-07 3.734E-08 2.635E-10 1.081E-11 1.519E-10 4.372E-09 6.133E-08 1.709E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 310)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 26        26        21        26        26        26        26        26        21        26        21        26
 X MAXIMUM   2.650E-10 4.964E-11 1.308E-11 4.690E-09 3.781E-09 6.307E-08 2.650E-10 4.964E-11 1.308E-11 4.690E-09 1.661E-08 4.429E-08
 Y                 21       123         1       123        19       123        21       123         1       123        21       123
 Y MAXIMUM   1.142E-11 9.709E-12 1.485E-12 7.848E-10 1.760E-09 7.226E-09 1.142E-11 9.709E-12 1.485E-12 7.848E-10 1.626E-09 2.267E-09
 Z                 21        26        21        21        21        26        21        26        21        21        21        26
 Z MAXIMUM   2.240E-10 1.677E-11 2.938E-11 5.338E-09 2.787E-08 2.035E-08 2.240E-10 1.677E-11 2.938E-11 5.338E-09 4.148E-08 1.500E-08
 GRAND TOTAL 3.855E-10 5.427E-11 3.245E-11 7.413E-09 2.878E-08 6.728E-08 3.855E-10 5.427E-11 3.245E-11 7.413E-09 4.537E-08 4.738E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 311)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 10        21        26        26        26        21        10        21        26        26        26        21
 X MAXIMUM   8.172E+02 2.120E+04 6.034E+04 6.179E+06 1.378E+07 5.447E+06 8.172E+02 2.120E+04 6.034E+04 6.179E+06 5.903E+07 2.134E+07
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 Y                 123        21        32        32         1         1       123        21        32        32         1         1
 Y MAXIMUM   1.553E+05 2.742E+03 1.070E+03 1.691E+05 1.769E+06 6.108E+06 1.553E+05 2.742E+03 1.070E+03 1.691E+05 1.499E+06 4.756E+06
 Z                  10        21        26        26        21        21        10        21        26        26        21        21
 Z MAXIMUM   2.905E+03 6.617E+04 1.810E+04 1.853E+06 4.540E+06 1.700E+07 2.905E+03 6.617E+04 1.810E+04 1.853E+06 1.780E+07 6.663E+07
 GRAND TOTAL 1.567E+05 7.170E+04 6.578E+04 6.501E+06 1.553E+07 2.052E+07 1.567E+05 7.170E+04 6.578E+04 6.501E+06 6.458E+07 7.254E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 312)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 123        21        26        26        26        21       123        21        26        26        26        21
 X MAXIMUM   9.312E+02 2.651E+04 7.733E+04 6.179E+06 5.903E+07 2.134E+07 9.312E+02 2.651E+04 7.733E+04 6.179E+06 1.170E+08 4.122E+07
 Y                 123       123        32        32         1         1       123       123        32        32        26        21
 Y MAXIMUM   2.556E+05 5.040E+03 1.455E+03 1.691E+05 1.499E+06 4.756E+06 2.556E+05 5.040E+03 1.455E+03 1.691E+05 2.018E+06 5.334E+06
 Z                  10        21        26        26        21        21        10        21        26        26        26        21
 Z MAXIMUM   2.935E+03 8.276E+04 2.319E+04 1.853E+06 1.780E+07 6.663E+07 2.935E+03 8.276E+04 2.319E+04 1.853E+06 3.510E+07 1.287E+08
 GRAND TOTAL 2.577E+05 9.007E+04 8.426E+04 6.501E+06 6.458E+07 7.254E+07 2.577E+05 9.007E+04 8.426E+04 6.501E+06 1.275E+08 1.395E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 313)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18         8        18        18        18        18        18         8
 X MAXIMUM   2.326E+04 8.981E+03 2.826E+04 8.688E+06 4.218E+07 9.620E+06 2.326E+04 8.981E+03 2.826E+04 8.688E+06 3.212E+07 8.687E+06
 Y                  18         8        18         4        18         8        18         8        18         4        18         8
 Y MAXIMUM   9.010E+03 8.294E+03 1.095E+04 1.507E+07 1.634E+07 3.046E+07 9.010E+03 8.294E+03 1.095E+04 1.507E+07 1.244E+07 2.750E+07
 Z                  18        14        48        58        48         7        18        14        48        58        48         7
 Z MAXIMUM   5.466E+03 8.820E+03 1.596E+04 3.821E+06 2.117E+07 7.908E+06 5.466E+03 8.820E+03 1.596E+04 3.821E+06 1.549E+07 7.109E+06
 GRAND TOTAL 2.849E+04 2.369E+04 4.689E+04 2.637E+07 6.655E+07 4.161E+07 2.849E+04 2.369E+04 4.689E+04 2.637E+07 4.992E+07 3.641E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 314)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18         8        18        18        18        18        18         8
 X MAXIMUM   2.326E+04 8.981E+03 2.826E+04 8.688E+06 3.212E+07 8.687E+06 2.326E+04 8.981E+03 2.826E+04 8.688E+06 2.169E+07 7.721E+06
 Y                  18         8        18         4        18         8        18         8        18         4        18         8
 Y MAXIMUM   9.010E+03 8.294E+03 1.095E+04 1.507E+07 1.244E+07 2.750E+07 9.010E+03 8.294E+03 1.095E+04 1.507E+07 8.403E+06 2.444E+07
 Z                  18        14        48        58        48         7        18        14        48        58        48         7
 Z MAXIMUM   5.466E+03 8.820E+03 1.596E+04 3.821E+06 1.549E+07 7.109E+06 5.466E+03 8.820E+03 1.596E+04 3.821E+06 9.602E+06 6.281E+06
 GRAND TOTAL 2.849E+04 2.369E+04 4.689E+04 2.637E+07 4.992E+07 3.641E+07 2.849E+04 2.369E+04 4.689E+04 2.637E+07 3.275E+07 3.247E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 315)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18         8        18        18        18        18        18         8
 X MAXIMUM   2.191E+04 8.903E+03 2.648E+04 8.688E+06 2.169E+07 7.721E+06 2.191E+04 8.903E+03 2.648E+04 8.688E+06 1.396E+07 6.996E+06
 Y                  18         8        18         4        18         8        18         8        18         4        18         8
 Y MAXIMUM   8.488E+03 7.859E+03 1.026E+04 1.507E+07 8.403E+06 2.444E+07 8.488E+03 7.859E+03 1.026E+04 1.507E+07 5.407E+06 2.215E+07
 Z                  18        14        48        58        48         7        18        14        48        58        48        14
 Z MAXIMUM   5.149E+03 8.112E+03 1.533E+04 3.821E+06 9.602E+06 6.281E+06 5.149E+03 8.112E+03 1.533E+04 3.821E+06 5.126E+06 5.721E+06
 GRAND TOTAL 2.683E+04 2.278E+04 4.463E+04 2.637E+07 3.275E+07 3.247E+07 2.683E+04 2.278E+04 4.463E+04 2.637E+07 2.001E+07 3.082E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 316)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   1.351E+04 4.986E+03 1.780E+04 1.425E+06 9.087E+06 3.842E+06 1.351E+04 4.986E+03 1.780E+04 1.425E+06 4.939E+06 2.680E+06
 Y                  18       117        18       129        18         8        18       117        18       129        18         8
 Y MAXIMUM   5.233E+03 4.231E+03 6.897E+03 1.210E+06 3.520E+06 2.340E+06 5.233E+03 4.231E+03 6.897E+03 1.210E+06 1.913E+06 1.449E+06
 Z                  14        14        48        48        48        14        14        14        48        48        48        14
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 Z MAXIMUM   4.106E+03 6.836E+03 9.928E+03 1.128E+06 4.913E+06 3.036E+06 4.106E+03 6.836E+03 9.928E+03 1.128E+06 2.600E+06 1.443E+06
 GRAND TOTAL 1.976E+04 1.587E+04 2.875E+04 3.677E+06 1.450E+07 8.271E+06 1.976E+04 1.587E+04 2.875E+04 3.677E+06 7.803E+06 4.805E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 317)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        37        18        18        29        18        29        37        18        18        29
 X MAXIMUM   2.950E+03 3.394E+03 3.343E+03 5.861E+06 7.264E+06 8.250E+06 2.950E+03 3.394E+03 3.343E+03 5.861E+06 7.370E+06 6.948E+06
 Y                   4         8         4         4         4         8         4         8         4         4         4         8
 Y MAXIMUM   2.852E+03 9.368E+03 6.389E+03 3.252E+06 1.510E+07 1.973E+07 2.852E+03 9.368E+03 6.389E+03 3.252E+06 1.265E+07 1.613E+07
 Z                  14        14        57        18        57        14        14        14        57        18         6        14
 Z MAXIMUM   1.971E+03 5.960E+03 2.560E+03 1.377E+06 4.011E+06 8.801E+06 1.971E+03 5.960E+03 2.560E+03 1.377E+06 3.183E+06 6.513E+06
 GRAND TOTAL 7.063E+03 1.590E+04 1.097E+04 8.550E+06 2.570E+07 3.122E+07 7.063E+03 1.590E+04 1.097E+04 8.550E+06 2.252E+07 2.527E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 318)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18        18
 X MAXIMUM   1.322E+04 4.904E+03 1.740E+04 1.425E+06 4.939E+06 2.680E+06 1.322E+04 4.904E+03 1.740E+04 1.425E+06 2.404E+05 1.356E+06
 Y                  18       117        18       129        18         8        18       117        18       129        18        18
 Y MAXIMUM   5.120E+03 4.158E+03 6.742E+03 1.210E+06 1.913E+06 1.449E+06 5.120E+03 4.158E+03 6.742E+03 1.210E+06 9.312E+04 5.254E+05
 Z                  14        14        48        48        48        14        14        14        48        48       106       106
 Z MAXIMUM   4.012E+03 6.680E+03 9.746E+03 1.128E+06 2.600E+06 1.443E+06 4.012E+03 6.680E+03 9.746E+03 1.128E+06 7.109E+04 4.011E+05
 GRAND TOTAL 1.933E+04 1.557E+04 2.815E+04 3.677E+06 7.803E+06 4.805E+06 1.933E+04 1.557E+04 2.815E+04 3.677E+06 3.882E+05 2.190E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 319)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        18        18        18        18        18        18        18        18        18         8
 X MAXIMUM   1.790E+03 3.587E+03 3.712E+03 1.557E-10 1.425E+06 1.377E+06 1.790E+03 3.587E+03 3.712E+03 1.557E-10 5.021E-09 6.754E-10
 Y                 117        18       129        18       129        18       117        18       129        18         8         8
 Y MAXIMUM   1.043E+03 1.390E+03 3.152E+03 5.921E-11 1.210E+06 5.336E+05 1.043E+03 1.390E+03 3.152E+03 5.921E-11 2.152E-09 1.682E-09
 Z                  14       106        48        42        48       106        14       106        48        42        14        14
 Z MAXIMUM   1.475E+03 1.061E+03 2.938E+03 5.652E-11 1.128E+06 4.073E+05 1.475E+03 1.061E+03 2.938E+03 5.652E-11 2.445E-09 1.590E-09
 GRAND TOTAL 3.780E+03 5.794E+03 9.578E+03 2.267E-10 3.677E+06 2.224E+06 3.780E+03 5.794E+03 9.578E+03 2.267E-10 7.145E-09 3.092E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 320)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        37        18        18        29        18        29        37        18        18        18
 X MAXIMUM   2.367E+03 3.906E+03 3.353E+03 5.766E+06 7.370E+06 6.951E+06 2.367E+03 3.906E+03 3.353E+03 5.766E+06 5.387E+06 2.880E+06
 Y                   4         8         4         4         4         8         4         8         4         4         8         8
 Y MAXIMUM   2.949E+03 9.959E+03 6.238E+03 3.171E+06 1.265E+07 1.618E+07 2.949E+03 9.959E+03 6.238E+03 3.171E+06 8.290E+06 4.811E+06
 Z                  14        14        57        18         6        14        14        14        57        18         6        30
 Z MAXIMUM   2.736E+03 6.408E+03 2.185E+03 1.355E+06 3.183E+06 6.523E+06 2.736E+03 6.408E+03 2.185E+03 1.355E+06 4.042E+06 1.677E+06
 GRAND TOTAL 7.063E+03 1.686E+04 1.029E+04 8.268E+06 2.252E+07 2.536E+07 7.063E+03 1.686E+04 1.029E+04 8.268E+06 1.427E+07 8.157E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 321)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        18        18        18        18        18        29        18        18        18        18
 X MAXIMUM   1.933E+03 4.252E+03 3.421E+03 5.765E+06 5.387E+06 2.881E+06 1.933E+03 4.252E+03 3.421E+03 5.765E+06 2.782E+06 2.335E+06
 Y                   4         8         4         4         8         8         4         8         4         4         8         8
 Y MAXIMUM   2.916E+03 1.023E+04 6.035E+03 3.171E+06 8.290E+06 4.811E+06 2.916E+03 1.023E+04 6.035E+03 3.171E+06 5.979E+06 2.977E+06
 Z                  14        14        57        18         6        30        14        14        57        18         6        14
 Z MAXIMUM   3.324E+03 6.594E+03 1.390E+03 1.355E+06 4.042E+06 1.677E+06 3.324E+03 6.594E+03 1.390E+03 1.355E+06 4.676E+06 5.811E+06
 GRAND TOTAL 7.264E+03 1.732E+04 9.474E+03 8.267E+06 1.427E+07 8.158E+06 7.264E+03 1.732E+04 9.474E+03 8.267E+06 1.128E+07 9.910E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 322)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 18        29        18        18        18        18        29        29        18        37        18        30
 X MAXIMUM   1.623E+03 4.436E+03 4.627E+03 5.765E+06 2.783E+06 2.335E+06 4.081E+03 2.192E+03 4.627E+03 2.905E+06 4.798E+06 2.038E+06
 Y                  4         8         4         4         8         8         8         8         4         6         8         8
 Y MAXIMUM   2.892E+03 1.031E+04 5.808E+03 3.171E+06 5.979E+06 2.977E+06 8.460E+03 6.125E+03 5.808E+03 4.877E+06 4.698E+06 5.571E+06
 Z                 14        14        18        18         6        14        14        14        18         6         6        14
 Z MAXIMUM   3.745E+03 6.653E+03 1.087E+03 1.355E+06 4.676E+06 5.811E+06 7.352E+03 2.057E+03 1.087E+03 3.902E+06 3.064E+06 7.186E+06
 GRAND TOTAL 7.505E+03 1.758E+04 9.378E+03 8.267E+06 1.128E+07 9.910E+06 1.692E+04 8.907E+03 9.378E+03 8.801E+06 1.024E+07 1.320E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 322)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        18        18        37        18        30
 X MAXIMUM   4.436E+03 1.623E+03 4.627E+03 3.040E+06 4.003E+06 2.135E+06
 Y                  8         4         4         6         4         8
 Y MAXIMUM   1.031E+04 2.892E+03 5.808E+03 6.287E+06 5.383E+06 6.277E+06
 Z                 14        14        18         6        58        14
 Z MAXIMUM   6.653E+03 3.744E+03 1.087E+03 5.030E+06 1.106E+06 6.919E+06
 GRAND TOTAL 1.758E+04 7.504E+03 9.378E+03 1.095E+07 7.677E+06 1.329E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 323)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        18        18        37        18        30        29        18        18        37         4         8
 X MAXIMUM   4.607E+03 2.216E+03 5.454E+03 3.040E+06 3.723E+06 2.147E+06 4.607E+03 2.216E+03 5.454E+03 3.040E+06 1.039E+06 1.668E+06
 Y                  8         4         4         6         4         8         8         4         4         6         4         8
 Y MAXIMUM   1.035E+04 3.687E+03 5.047E+03 6.287E+06 5.415E+06 6.103E+06 1.035E+04 3.687E+03 5.047E+03 6.287E+06 9.655E+06 5.280E+06
 Z                 14        14        18         6        14        14        14        14        18         6         4        14
 Z MAXIMUM   6.713E+03 4.045E+03 1.282E+03 5.030E+06 1.233E+06 6.811E+06 6.713E+03 4.045E+03 1.282E+03 5.030E+06 1.113E+06 3.413E+06
 GRAND TOTAL 1.803E+04 8.033E+03 9.915E+03 1.095E+07 7.996E+06 1.310E+07 1.803E+04 8.033E+03 9.915E+03 1.095E+07 1.040E+07 9.233E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 324)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 29        18        18        37         4         8        29        18        18        37        18        18
 X MAXIMUM   4.806E+03 2.175E+03 6.296E+03 3.040E+06 1.039E+06 1.668E+06 4.806E+03 2.175E+03 6.296E+03 3.040E+06 6.147E+06 1.570E+06
 Y                  8         4         4         6         4         8         8         4         4         6         4         4
 Y MAXIMUM   1.040E+04 3.657E+03 4.843E+03 6.287E+06 9.655E+06 5.280E+06 1.040E+04 3.657E+03 4.843E+03 6.287E+06 1.372E+07 6.374E+06
 Z                 14        14        18         6         4        14        14        14        18         6         6         6
 Z MAXIMUM   6.781E+03 4.380E+03 1.480E+03 5.030E+06 1.113E+06 3.413E+06 6.781E+03 4.380E+03 1.480E+03 5.030E+06 1.789E+06 1.334E+06
 GRAND TOTAL 1.885E+04 8.298E+03 1.070E+04 1.095E+07 1.040E+07 9.233E+06 1.885E+04 8.298E+03 1.070E+04 1.095E+07 1.725E+07 9.393E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 325)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 29        18        18        37        18        18        18        18        18        37        37        18
 X MAXIMUM   4.976E+03 6.618E+03 2.195E+03 3.040E+06 1.570E+06 6.147E+06 4.681E+03 4.678E+03 2.195E+03 2.659E+06 1.531E+06 7.929E+06
 Y                  8         4         4         6         4         4         8         8         4         8         4         4
 Y MAXIMUM   1.044E+04 4.771E+03 3.669E+03 6.287E+06 6.374E+06 1.372E+07 9.417E+03 5.351E+03 3.669E+03 6.572E+06 6.399E+06 1.524E+07
 Z                 14        18        14         6         6         6        14        14        14         6         6         6
 Z MAXIMUM   6.840E+03 1.555E+03 4.502E+03 5.030E+06 1.334E+06 1.789E+06 5.661E+03 4.012E+03 4.502E+03 4.486E+06 2.648E+06 2.164E+06
 GRAND TOTAL 1.977E+04 1.086E+04 8.454E+03 1.095E+07 9.393E+06 1.725E+07 1.761E+04 1.410E+04 8.454E+03 1.248E+07 8.611E+06 1.954E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 325)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        29        18        18        37        18
 X MAXIMUM   6.618E+03 4.976E+03 2.195E+03 2.406E+06 2.777E+06 8.667E+06
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 Y                   4         8         4         4         6         4
 Y MAXIMUM   4.771E+03 1.044E+04 3.669E+03 7.772E+06 6.349E+06 1.632E+07
 Z                  18        14        14        14         6        30
 Z MAXIMUM   1.555E+03 6.840E+03 4.502E+03 1.981E+06 5.079E+06 2.491E+06
 GRAND TOTAL 1.086E+04 1.977E+04 8.454E+03 1.103E+07 1.133E+07 2.089E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 326)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        29        18        18        37        18        18        29        18        18        37        18
 X MAXIMUM   6.708E+03 5.029E+03 2.196E+03 2.406E+06 2.777E+06 8.667E+06 6.708E+03 5.029E+03 2.196E+03 2.406E+06 2.718E+06 8.670E+06
 Y                   4         8         4         4         6         4         4         8         4         4         6         4
 Y MAXIMUM   4.773E+03 1.046E+04 3.675E+03 7.772E+06 6.349E+06 1.632E+07 4.773E+03 1.046E+04 3.675E+03 7.772E+06 6.363E+06 1.652E+07
 Z                  18        14        14        14         6        30        18        14        14        14         6        30
 Z MAXIMUM   1.576E+03 6.869E+03 4.525E+03 1.981E+06 5.079E+06 2.491E+06 1.576E+03 6.869E+03 4.525E+03 1.981E+06 5.091E+06 2.855E+06
 GRAND TOTAL 1.090E+04 2.016E+04 8.517E+03 1.103E+07 1.133E+07 2.089E+07 1.090E+04 2.016E+04 8.517E+03 1.103E+07 1.156E+07 2.131E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 327)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        18        37        18        37        18        18        18        37        18        18        18
 X MAXIMUM   7.267E+03 4.370E+03 6.273E+03 2.406E+06 2.718E+06 8.670E+06 7.267E+03 4.370E+03 6.273E+03 2.406E+06 1.571E+06 6.598E+06
 Y                   4         4         8         4         6         4         4         4         8         4         6         4
 Y MAXIMUM   4.786E+03 1.751E+04 6.503E+03 7.772E+06 6.363E+06 1.652E+07 4.786E+03 1.751E+04 6.503E+03 7.772E+06 3.852E+06 8.218E+06
 Z                   6        57         6        14         6        30         6        57         6        14         6        57
 Z MAXIMUM   1.861E+03 9.433E+03 4.238E+03 1.981E+06 5.091E+06 2.855E+06 1.861E+03 9.433E+03 4.238E+03 1.981E+06 3.082E+06 4.500E+06
 GRAND TOTAL 1.183E+04 2.402E+04 1.431E+04 1.103E+07 1.156E+07 2.131E+07 1.183E+04 2.402E+04 1.431E+04 1.103E+07 7.742E+06 1.444E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 328)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  73        56        37        37        37        58        73        56        37        37        37        73
 X MAXIMUM   1.973E+03 1.469E+03 7.429E+03 1.092E+06 4.064E+06 8.212E+05 1.973E+03 1.469E+03 7.429E+03 1.092E+06 6.142E-08 2.925E+05
 Y                 118       118        66       118        66       118       118       118        66       118        18       118
 Y MAXIMUM   1.737E+03 2.375E+03 6.734E+02 9.971E+04 3.684E+05 1.563E+06 1.737E+03 2.375E+03 6.734E+02 9.971E+04 1.240E-08 2.633E+05
 Z                 101        57        37        37        37        57       101        57        37        37         7       101
 Z MAXIMUM   1.577E+03 6.245E+03 1.269E+03 1.865E+05 6.941E+05 3.478E+06 1.577E+03 6.245E+03 1.269E+03 1.865E+05 1.186E-08 2.305E+05
 GRAND TOTAL 4.865E+03 1.014E+04 8.247E+03 1.214E+06 4.511E+06 5.783E+06 4.865E+03 1.014E+04 8.247E+03 1.214E+06 8.173E-08 7.224E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 329)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  56        73        37         8        37        73        56        73        37         8        37         8
 X MAXIMUM   1.349E+03 1.828E+03 6.823E+03 5.136E-09 1.092E+06 2.925E+05 1.349E+03 1.828E+03 6.823E+03 5.136E-09 9.517E-08 2.024E-08
 Y                 118       118       118         6       118       118       118       118       118         6         4         8
 Y MAXIMUM   2.181E+03 1.645E+03 6.232E+02 1.366E-08 9.971E+04 2.633E+05 2.181E+03 1.645E+03 6.232E+02 1.366E-08 3.882E-08 5.760E-08
 Z                  57       101        37         6        37       101        57       101        37         6        37         6
 Z MAXIMUM   5.734E+03 1.441E+03 1.165E+03 9.976E-09 1.865E+05 2.305E+05 5.734E+03 1.441E+03 1.165E+03 9.976E-09 1.553E-08 4.209E-08
 GRAND TOTAL 9.309E+03 4.515E+03 7.589E+03 2.139E-08 1.214E+06 7.224E+05 9.309E+03 4.515E+03 7.589E+03 2.139E-08 1.169E-07 9.476E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 330)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  37        18        37        18        37        18        37        18        37        18        37        18
 X MAXIMUM   1.207E+04 3.996E+03 4.516E+03 2.111E+06 4.319E+06 6.839E+06 1.207E+04 3.996E+03 4.516E+03 2.111E+06 5.900E+06 5.441E+06
 Y                   4         4         8         4         6         4         4         4         8         4         4         4
 Y MAXIMUM   4.714E+03 1.566E+04 5.218E+03 6.830E+06 3.955E+06 8.203E+06 4.714E+03 1.566E+04 5.218E+03 6.830E+06 3.966E+06 2.721E+06
 Z                   6        57         6        57         6        57         6        57         6        57         6        57
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 Z MAXIMUM   2.155E+03 2.407E+03 3.386E+03 2.534E+06 3.164E+06 4.461E+06 2.155E+03 2.407E+03 3.386E+03 2.534E+06 1.979E+06 5.303E+06
 GRAND TOTAL 1.791E+04 1.868E+04 1.052E+04 1.040E+07 9.360E+06 1.446E+07 1.791E+04 1.868E+04 1.052E+04 1.040E+07 9.657E+06 1.162E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 331)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  37        18        37        18        37        18        37        18        37        18        37        18
 X MAXIMUM   1.259E+04 4.014E+03 4.348E+03 2.111E+06 5.900E+06 5.441E+06 1.259E+04 4.014E+03 4.348E+03 2.111E+06 7.426E+06 4.032E+06
 Y                   4         4         8         4         4         4         4         4         8         4         4       118
 Y MAXIMUM   4.716E+03 1.551E+04 5.074E+03 6.830E+06 3.966E+06 2.721E+06 4.716E+03 1.551E+04 5.074E+03 6.830E+06 4.325E+06 3.741E+06
 Z                   6        57         6        57         6        57         6        57         6        57        37        57
 Z MAXIMUM   2.229E+03 1.961E+03 3.292E+03 2.534E+06 1.979E+06 5.303E+06 2.229E+03 1.961E+03 3.292E+03 2.534E+06 1.268E+06 5.991E+06
 GRAND TOTAL 1.836E+04 1.830E+04 1.020E+04 1.040E+07 9.657E+06 1.162E+07 1.836E+04 1.830E+04 1.020E+04 1.040E+07 1.115E+07 1.188E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 332)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  37        58        37        37        37        58        37        58        37        37        37        37
 X MAXIMUM   2.459E+03 1.618E+03 6.985E+03 1.027E+06 3.821E+06 8.894E+05 2.459E+03 1.618E+03 6.985E+03 1.027E+06 5.313E-08 3.610E+05
 Y                   8       118        18        18        18       118         8       118        18        18         4         8
 Y MAXIMUM   2.515E+03 5.841E+03 5.714E+02 8.411E+04 3.125E+05 3.296E+06 2.515E+03 5.841E+03 5.714E+02 8.411E+04 2.250E-08 3.700E+05
 Z                   6        57        37        37        37        57         6        57        37        37        37         6
 Z MAXIMUM   1.680E+03 6.567E+03 1.193E+03 1.754E+05 6.527E+05 3.609E+06 1.680E+03 6.567E+03 1.193E+03 1.754E+05 1.392E-08 2.474E+05
 GRAND TOTAL 5.813E+03 1.277E+04 7.792E+03 1.146E+06 4.262E+06 7.147E+06 5.813E+03 1.277E+04 7.792E+03 1.146E+06 6.941E-08 8.590E+05
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 333)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  58        37        37        18        37        37        58        37        37        18        18         8
 X MAXIMUM   1.485E+03 2.257E+03 6.417E+03 1.694E-09 1.027E+06 3.610E+05 1.485E+03 2.257E+03 6.417E+03 1.694E-09 3.909E-08 5.614E-08
 Y                 118         8        18         6        18         8       118         8        18         6        18         6
 Y MAXIMUM   5.364E+03 2.313E+03 5.257E+02 1.624E-08 8.411E+04 3.700E+05 5.364E+03 2.313E+03 5.257E+02 1.624E-08 1.352E-08 1.497E-07
 Z                  57         6        37         6        37         6        57         6        37         6        35         6
 Z MAXIMUM   6.029E+03 1.546E+03 1.096E+03 5.293E-09 1.754E+05 2.474E+05 6.029E+03 1.546E+03 1.096E+03 5.293E-09 1.132E-08 1.194E-07
 GRAND TOTAL 1.173E+04 5.369E+03 7.161E+03 1.877E-08 1.146E+06 8.590E+05 1.173E+04 5.369E+03 7.161E+03 1.877E-08 6.256E-08 2.396E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 334)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  37        18        37        18        37        18        37        18        37        18        37         4
 X MAXIMUM   2.081E+04 3.853E+03 1.409E+03 1.829E+06 1.125E+07 4.249E+06 2.081E+04 3.853E+03 1.409E+03 1.829E+06 1.234E+07 1.284E+06
 Y                   4         4         8         4         4       118         4         4         8         4         4         4
 Y MAXIMUM   4.603E+03 1.182E+04 2.080E+03 5.021E+06 4.260E+06 3.768E+06 4.603E+03 1.182E+04 2.080E+03 5.021E+06 4.610E+06 1.194E+07
 Z                  37        57         6        57        37        57        37        57         6        57        37        57
 Z MAXIMUM   3.555E+03 5.730E+03 1.296E+03 6.143E+06 1.921E+06 5.935E+06 3.555E+03 5.730E+03 1.296E+03 6.143E+06 2.108E+06 1.477E+06
 GRAND TOTAL 2.627E+04 1.605E+04 4.716E+03 1.252E+07 1.451E+07 1.191E+07 2.627E+04 1.605E+04 4.716E+03 1.252E+07 1.618E+07 1.290E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 335)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  37        18        18        18         4        37        37        37        18         4        18        37
 X MAXIMUM   2.183E+04 1.138E+03 3.918E+03 1.829E+06 1.284E+06 1.234E+07 1.615E+04 1.471E+04 3.918E+03 1.424E+06 1.123E+06 1.018E+07
 Y                   4         8         4         4         4         4         4         6         4         4         4         4
 Y MAXIMUM   4.606E+03 1.447E+03 1.115E+04 5.021E+06 1.194E+07 4.610E+06 3.513E+03 3.129E+03 1.115E+04 1.324E+07 7.896E+06 4.193E+06
 Z                  37         6        57        57        57        37        37        37        57        57        57        37
 Z MAXIMUM   3.728E+03 8.690E+02 6.588E+03 6.143E+06 1.477E+06 2.108E+06 2.759E+03 2.514E+03 6.588E+03 4.035E+06 3.613E+06 1.739E+06
 GRAND TOTAL 2.729E+04 3.844E+03 1.675E+04 1.252E+07 1.290E+07 1.618E+07 2.068E+04 1.822E+04 1.675E+04 1.564E+07 1.074E+07 1.391E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 335)
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                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        37        18         4         8        37
 X MAXIMUM   1.138E+03 2.183E+04 3.918E+03 1.741E+06 1.134E+06 4.415E+06
 Y                  8         4         4         4         8         8
 Y MAXIMUM   1.447E+03 4.606E+03 1.115E+04 1.619E+07 3.591E+06 3.087E+06
 Z                  6        37        57         4        57         6
 Z MAXIMUM   8.690E+02 3.728E+03 6.588E+03 1.867E+06 3.632E+06 1.467E+06
 GRAND TOTAL 3.844E+03 2.729E+04 1.675E+04 1.679E+07 7.801E+06 8.090E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 336)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        18        37         4        37         8        18        18        37         4        73         8
 X MAXIMUM   1.026E+03 3.909E+03 2.228E+04 1.741E+06 4.415E+06 1.134E+06 1.026E+03 3.909E+03 2.228E+04 1.741E+06 1.948E+06 1.078E+06
 Y                  8         4         4         4         8         8         8         4         4         4         6         8
 Y MAXIMUM   9.812E+02 1.062E+04 4.610E+03 1.619E+07 3.087E+06 3.591E+06 9.812E+02 1.062E+04 4.610E+03 1.619E+07 2.738E+06 3.414E+06
 Z                 20        57        37         4         6        57        20        57        37         4         6        57
 Z MAXIMUM   7.505E+02 6.906E+03 3.806E+03 1.867E+06 1.467E+06 3.632E+06 7.505E+02 6.906E+03 3.806E+03 1.867E+06 2.191E+06 1.789E+06
 GRAND TOTAL 3.368E+03 1.701E+04 2.777E+04 1.679E+07 8.090E+06 7.801E+06 3.368E+03 1.701E+04 2.777E+04 1.679E+07 6.274E+06 6.392E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 337)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 73        18        73         4        73         8        73        18        73         4        37        18
 X MAXIMUM   7.064E+02 3.766E+03 3.290E+03 1.741E+06 1.948E+06 1.078E+06 7.064E+02 3.766E+03 3.290E+03 1.741E+06 1.587E+06 1.875E+06
 Y                118         4         4         4         6         8       118         4         4         4         6         4
 Y MAXIMUM   1.679E+03 8.906E+03 3.405E+03 1.619E+07 2.738E+06 3.414E+06 1.679E+03 8.906E+03 3.405E+03 1.619E+07 2.791E+06 4.824E+06
 Z                 20        57        72         4         6        57        20        57        72         4         6         6
 Z MAXIMUM   1.174E+03 7.408E+03 1.020E+03 1.867E+06 2.191E+06 1.789E+06 1.174E+03 7.408E+03 1.020E+03 1.867E+06 2.233E+06 2.079E+06
 GRAND TOTAL 3.470E+03 1.726E+04 6.504E+03 1.679E+07 6.274E+06 6.392E+06 3.470E+03 1.726E+04 6.504E+03 1.679E+07 5.457E+06 8.168E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 338)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 73        18        73         4        37        18        73        18        73         4        37        18
 X MAXIMUM   6.878E+02 3.734E+03 3.149E+03 1.741E+06 1.587E+06 1.875E+06 6.878E+02 3.734E+03 3.149E+03 1.741E+06 1.591E+06 1.946E+06
 Y                118         4         4         4         6         4       118         4         4         4         6         4
 Y MAXIMUM   1.822E+03 8.686E+03 3.405E+03 1.619E+07 2.791E+06 4.824E+06 1.822E+03 8.686E+03 3.405E+03 1.619E+07 2.794E+06 4.989E+06
 Z                 20        57        72         4         6         6        20        57        72         4         6         6
 Z MAXIMUM   1.225E+03 7.397E+03 9.767E+02 1.867E+06 2.233E+06 2.079E+06 1.225E+03 7.397E+03 9.767E+02 1.867E+06 2.235E+06 2.097E+06
 GRAND TOTAL 3.647E+03 1.715E+04 6.317E+03 1.679E+07 5.457E+06 8.168E+06 3.647E+03 1.715E+04 6.317E+03 1.679E+07 5.428E+06 8.374E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 339)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 73        18        73         4        37        18        18        18        73        27        37        18
 X MAXIMUM   6.531E+02 3.670E+03 2.877E+03 1.741E+06 1.591E+06 1.946E+06 2.986E+03 2.204E+03 2.877E+03 1.533E+06 1.244E+06 2.873E+06
 Y                118         4         4         4         6         4       118         4         4         4         4         4
 Y MAXIMUM   2.089E+03 8.271E+03 3.404E+03 1.619E+07 2.794E+06 4.989E+06 6.345E+03 5.813E+03 3.404E+03 1.137E+07 1.098E+07 7.212E+06
 Z                 20        57        72         4         6         6        57        57        72         6         4        57
 Z MAXIMUM   1.321E+03 7.368E+03 8.928E+02 1.867E+06 2.235E+06 2.097E+06 5.097E+03 5.324E+03 8.928E+02 2.219E+06 1.266E+06 2.651E+06
 GRAND TOTAL 4.045E+03 1.695E+04 5.972E+03 1.679E+07 5.428E+06 8.374E+06 1.320E+04 1.138E+04 5.972E+03 1.241E+07 1.194E+07 1.158E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 339)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        73        73        27         4        18
 X MAXIMUM   3.670E+03 6.531E+02 2.877E+03 1.698E+06 1.602E+06 3.133E+06
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 Y                   4       118         4         6         4         4
 Y MAXIMUM   8.271E+03 2.089E+03 3.404E+03 2.841E+06 1.489E+07 8.121E+06
 Z                  57        20        72         6         4        57
 Z MAXIMUM   7.368E+03 1.321E+03 8.928E+02 2.273E+06 1.717E+06 3.517E+06
 GRAND TOTAL 1.695E+04 4.045E+03 5.972E+03 5.376E+06 1.550E+07 1.269E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 340)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18         8        73        27         4        18        18         8        73        27        73        18
 X MAXIMUM   3.272E+03 7.238E+02 1.002E+03 1.698E+06 1.602E+06 3.133E+06 3.272E+03 7.238E+02 1.002E+03 1.698E+06 2.782E+06 2.490E+06
 Y                 118       118         4         6         4         4       118       118         4         6         4         4
 Y MAXIMUM   6.603E+03 3.506E+03 3.472E+03 2.841E+06 1.489E+07 8.121E+06 6.603E+03 3.506E+03 3.472E+03 2.841E+06 7.853E+06 8.229E+06
 Z                  57         6        20         6         4        57        57         6        20         6        57        57
 Z MAXIMUM   6.630E+03 1.701E+03 5.489E+02 2.273E+06 1.717E+06 3.517E+06 6.630E+03 1.701E+03 5.489E+02 2.273E+06 1.972E+06 3.322E+06
 GRAND TOTAL 1.496E+04 6.235E+03 4.230E+03 5.376E+06 1.550E+07 1.269E+07 1.496E+04 6.235E+03 4.230E+03 5.376E+06 9.805E+06 1.226E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 341)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18         8        73        27        73        18        18         8        73        27        27        18
 X MAXIMUM   2.781E+03 9.800E+02 1.742E+03 1.698E+06 2.782E+06 2.490E+06 2.781E+03 9.800E+02 1.742E+03 1.698E+06 1.307E+06 2.078E+06
 Y                 118         8         4         6         4         4       118         8         4         6         4         4
 Y MAXIMUM   6.200E+03 3.103E+03 3.679E+03 2.841E+06 7.853E+06 8.229E+06 6.200E+03 3.103E+03 3.679E+03 2.841E+06 3.423E+06 8.185E+06
 Z                  57         6        57         6        57        57        57         6        57         6         6        20
 Z MAXIMUM   5.702E+03 2.266E+03 7.454E+02 2.273E+06 1.972E+06 3.322E+06 5.702E+03 2.266E+03 7.454E+02 2.273E+06 1.392E+06 5.054E+06
 GRAND TOTAL 1.262E+04 6.108E+03 4.831E+03 5.376E+06 9.805E+06 1.226E+07 1.262E+04 6.108E+03 4.831E+03 5.376E+06 5.422E+06 1.482E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 342)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        73        73        27        27        18        18        73        73        27        73         8
 X MAXIMUM   2.415E+03 1.303E+03 3.238E+03 1.698E+06 1.307E+06 2.078E+06 2.415E+03 1.303E+03 3.238E+03 1.698E+06 3.214E+06 3.099E+06
 Y                 118         8         4         6         4         4       118         8         4         6         8         8
 Y MAXIMUM   5.876E+03 3.383E+03 3.779E+03 2.841E+06 3.423E+06 8.185E+06 5.876E+03 3.383E+03 3.779E+03 2.841E+06 2.335E+06 9.811E+06
 Z                  57         6        57         6         6        20        57         6        57         6         6        20
 Z MAXIMUM   5.003E+03 2.462E+03 1.272E+03 2.273E+06 1.392E+06 5.054E+06 5.003E+03 2.462E+03 1.272E+03 2.273E+06 1.726E+06 7.020E+06
 GRAND TOTAL 1.102E+04 8.201E+03 6.564E+03 5.376E+06 5.422E+06 1.482E+07 1.102E+04 8.201E+03 6.564E+03 5.376E+06 6.787E+06 1.987E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 343)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  18        20        73        27        73         8        18        20        73        27        63         8
 X MAXIMUM   1.351E+03 1.083E+03 1.670E+03 1.698E+06 3.214E+06 3.099E+06 1.351E+03 1.083E+03 1.670E+03 1.698E+06 2.126E+06 1.101E+06
 Y                 118         4         4         6         8         8       118         4         4         6         4         4
 Y MAXIMUM   4.870E+03 5.424E+03 8.052E+02 2.841E+06 2.335E+06 9.811E+06 4.870E+03 5.424E+03 8.052E+02 2.841E+06 3.208E+06 5.947E+06
 Z                  57        20        63         6         6        20        57        20        63         6        57         6
 Z MAXIMUM   2.961E+03 2.663E+03 6.405E+02 2.273E+06 1.726E+06 7.020E+06 2.961E+03 2.663E+03 6.405E+02 2.273E+06 1.374E+06 3.164E+06
 GRAND TOTAL 7.997E+03 7.712E+03 3.212E+03 5.376E+06 6.787E+06 1.987E+07 7.997E+03 7.712E+03 3.212E+03 5.376E+06 5.651E+06 1.012E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 344)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  20         8        63        27        63         8        20         8        63        27        63         4
 X MAXIMUM   8.346E+02 8.162E+02 4.881E+02 1.698E+06 2.126E+06 1.101E+06 8.346E+02 8.162E+02 4.881E+02 1.698E+06 1.503E+06 1.309E+06
 Y                   4         4         4         6         4         4         4         4         4         6         4         4
 Y MAXIMUM   5.121E+03 4.870E+03 5.947E+02 2.841E+06 3.208E+06 5.947E+06 5.121E+03 4.870E+03 5.947E+02 2.841E+06 3.968E+06 1.217E+07
 Z                  20         6        57         6        57         6        20         6        57         6        63         4
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 Z MAXIMUM   2.052E+03 1.633E+03 4.369E+02 2.273E+06 1.374E+06 3.164E+06 2.052E+03 1.633E+03 4.369E+02 2.273E+06 8.618E+05 1.403E+06
 GRAND TOTAL 8.078E+03 6.892E+03 1.499E+03 5.376E+06 5.651E+06 1.012E+07 8.078E+03 6.892E+03 1.499E+03 5.376E+06 5.180E+06 1.291E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 345)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  20         8        63        27        63         4        20         8        63        27        63         4
 X MAXIMUM   8.998E+02 8.241E+02 1.158E+03 1.698E+06 1.503E+06 1.309E+06 8.998E+02 8.241E+02 1.158E+03 1.698E+06 8.145E+05 1.600E+06
 Y                   4         4        95         6         4         4         4         4        95         6         4         4
 Y MAXIMUM   6.289E+03 4.553E+03 5.696E+02 2.841E+06 3.968E+06 1.217E+07 6.289E+03 4.553E+03 5.696E+02 2.841E+06 4.255E+06 1.488E+07
 Z                  20         6        57         6        63         4        20         6        57         6         4         4
 Z MAXIMUM   2.212E+03 1.682E+03 7.438E+02 2.273E+06 8.618E+05 1.403E+06 2.212E+03 1.682E+03 7.438E+02 2.273E+06 4.907E+05 1.715E+06
 GRAND TOTAL 8.548E+03 6.999E+03 2.492E+03 5.376E+06 5.180E+06 1.291E+07 8.548E+03 6.999E+03 2.492E+03 5.376E+06 4.787E+06 1.545E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 346)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  20         8        63        27        63         4        20        95        63        27        37         4
 X MAXIMUM   9.599E+02 7.662E+02 1.738E+03 1.698E+06 8.456E+05 1.664E+06 9.980E+02 3.304E+02 1.738E+03 1.874E+06 1.093E+06 1.748E+06
 Y                   4         4         8         6         8         4         4        95         8         6         6         4
 Y MAXIMUM   7.366E+03 4.216E+03 1.044E+03 2.841E+06 3.900E+05 1.547E+07 8.339E+03 2.066E+03 1.044E+03 2.111E+06 1.631E+06 1.625E+07
 Z                  20         6        63         6        63         4        20        95        63         6         6         4
 Z MAXIMUM   2.360E+03 1.578E+03 9.966E+02 2.273E+06 4.850E+05 1.784E+06 2.454E+03 1.050E+03 9.966E+02 1.689E+06 1.304E+06 1.874E+06
 GRAND TOTAL 9.182E+03 7.057E+03 3.788E+03 5.376E+06 1.888E+06 1.607E+07 1.084E+04 4.075E+03 3.788E+03 4.278E+06 2.995E+06 1.705E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 346)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                   8        20        63        27        37         4
 X MAXIMUM   8.307E+02 8.833E+02 1.738E+03 1.448E+06 1.754E+06 1.488E+06
 Y                   4         4         8         6         6         4
 Y MAXIMUM   5.319E+03 6.614E+03 1.044E+03 7.233E+05 2.133E+06 1.383E+07
 Z                   6        20        63         6         6        20
 Z MAXIMUM   1.663E+03 2.172E+03 9.966E+02 5.787E+05 1.706E+06 2.294E+06
 GRAND TOTAL 8.100E+03 8.276E+03 3.788E+03 2.085E+06 4.695E+06 1.485E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 347)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  20        20        63        27        37         4        20        20        63        27        37         4
 X MAXIMUM   9.127E+02 8.318E+02 1.837E+03 1.448E+06 1.754E+06 1.488E+06 9.127E+02 8.318E+02 1.837E+03 1.448E+06 1.759E+06 1.457E+06
 Y                   4         4         8         6         6         4         4         4         8         6         6         4
 Y MAXIMUM   5.274E+03 7.283E+03 1.042E+03 7.230E+05 2.133E+06 1.383E+07 5.274E+03 7.283E+03 1.042E+03 7.230E+05 2.097E+06 1.354E+07
 Z                  20        20        63         6         6        20        20        20        63         6         6        20
 Z MAXIMUM   2.244E+03 2.045E+03 1.053E+03 5.784E+05 1.706E+06 2.294E+06 2.244E+03 2.045E+03 1.053E+03 5.784E+05 1.678E+06 2.373E+06
 GRAND TOTAL 8.302E+03 8.502E+03 4.022E+03 2.085E+06 4.695E+06 1.485E+07 8.302E+03 8.502E+03 4.022E+03 2.085E+06 4.713E+06 1.458E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 348)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  20        20        63        27        37         4        20        20        63        27        37        18
 X MAXIMUM   1.016E+03 8.172E+02 1.864E+03 1.447E+06 1.760E+06 1.457E+06 1.016E+03 8.172E+02 1.864E+03 1.447E+06 1.805E+06 1.394E+06
 Y                   4         4         8         6         6         4         4         4         8         6         6         4
 Y MAXIMUM   5.254E+03 7.482E+03 1.041E+03 7.211E+05 2.098E+06 1.354E+07 5.254E+03 7.482E+03 1.041E+03 7.211E+05 1.820E+06 1.126E+07
 Z                  20        20        63         6         6        20        20        20        63         6         6        20
 Z MAXIMUM   2.498E+03 2.009E+03 1.069E+03 5.769E+05 1.678E+06 2.373E+06 2.498E+03 2.009E+03 1.069E+03 5.769E+05 1.456E+06 2.986E+06
 GRAND TOTAL 8.376E+03 8.596E+03 4.088E+03 2.083E+06 4.714E+06 1.458E+07 8.376E+03 8.596E+03 4.088E+03 2.083E+06 5.041E+06 1.252E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 349)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 20         4        27        27        37        18        20         4        27        27        27        20
 X MAXIMUM   1.589E+03 9.104E+02 3.119E+03 1.447E+06 1.805E+06 1.394E+06 1.589E+03 9.104E+02 3.119E+03 1.447E+06 4.298E+06 2.343E+06
 Y                  4         4         6         6         6         4         4         4         6         6         6       118
 Y MAXIMUM   5.184E+03 8.463E+03 5.310E+02 7.214E+05 1.820E+06 1.126E+07 5.184E+03 8.463E+03 5.310E+02 7.214E+05 9.765E+05 3.211E+06
 Z                 20        20        27         6         6        20        20        20        27         6        27        20
 Z MAXIMUM   3.906E+03 1.748E+03 9.598E+02 5.771E+05 1.456E+06 2.986E+06 3.906E+03 1.748E+03 9.598E+02 5.771E+05 1.323E+06 5.762E+06
 GRAND TOTAL 8.970E+03 9.120E+03 3.673E+03 2.083E+06 5.041E+06 1.252E+07 8.970E+03 9.120E+03 3.673E+03 2.083E+06 5.184E+06 7.655E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 350)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 20         4        27        27        27        20        20         4        27        27        27        20
 X MAXIMUM   2.450E+03 9.866E+02 1.801E+03 1.447E+06 4.298E+06 2.343E+06 2.450E+03 9.866E+02 1.801E+03 1.447E+06 6.572E+06 2.927E+06
 Y                  4         4         6         6         6       118         4         4         6         6         6         4
 Y MAXIMUM   5.075E+03 9.171E+03 5.575E+02 7.214E+05 9.765E+05 3.211E+06 5.075E+03 9.171E+03 5.575E+02 7.214E+05 2.729E+05 1.375E+07
 Z                 20        20        27         6        27        20        20        20        27         6        27        20
 Z MAXIMUM   6.023E+03 1.136E+03 5.542E+02 5.771E+05 1.323E+06 5.762E+06 6.023E+03 1.136E+03 5.542E+02 5.771E+05 2.022E+06 7.196E+06
 GRAND TOTAL 1.026E+04 9.974E+03 2.690E+03 2.083E+06 5.184E+06 7.655E+06 1.026E+04 9.974E+03 2.690E+03 2.083E+06 6.905E+06 1.620E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 351)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 20         4        73        27        27        20        20        20        73        27        27        20
 X MAXIMUM   2.993E+03 9.944E+02 7.211E+02 1.447E+06 6.572E+06 2.927E+06 2.495E+03 1.688E+03 7.211E+02 3.212E+06 6.052E+06 2.737E+06
 Y                  4         4         6         6         6         4         4       118         6         6         6         4
 Y MAXIMUM   5.007E+03 9.244E+03 5.741E+02 7.214E+05 2.729E+05 1.375E+07 9.811E+03 3.985E+03 5.741E+02 6.733E+05 4.033E+05 1.558E+07
 Z                 20         4         6         6        27        20        20        20         6        27        27        20
 Z MAXIMUM   7.360E+03 1.066E+03 4.593E+02 5.771E+05 2.022E+06 7.196E+06 6.135E+03 4.149E+03 4.593E+02 9.882E+05 1.862E+06 6.729E+06
 GRAND TOTAL 1.125E+04 1.056E+04 2.120E+03 2.083E+06 6.905E+06 1.620E+07 1.333E+04 7.765E+03 2.120E+03 3.641E+06 6.390E+06 1.763E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 351)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        73        27        27        20
 X MAXIMUM   1.066E+03 2.904E+03 7.211E+02 6.416E+06 2.629E+06 2.091E+06
 Y                  4         4         6         8         6         4
 Y MAXIMUM   9.911E+03 3.504E+03 5.741E+02 2.290E+05 8.861E+05 1.562E+07
 Z                 20        20         6        27        27        20
 Z MAXIMUM   1.969E+03 7.140E+03 4.593E+02 1.974E+06 8.090E+05 5.142E+06
 GRAND TOTAL 1.139E+04 1.040E+04 2.120E+03 6.780E+06 3.198E+06 1.701E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 352)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        20        27        27        20         4        20        20        27        27        20
 X MAXIMUM   1.066E+03 2.949E+03 8.481E+02 6.416E+06 2.496E+06 2.028E+06 1.066E+03 2.949E+03 8.481E+02 6.416E+06 2.500E+06 1.861E+06
 Y                  4         4         4         8         4         4         4         4         4         8         4         4
 Y MAXIMUM   9.912E+03 3.244E+03 1.393E+03 2.290E+05 3.996E+06 1.510E+07 9.912E+03 3.244E+03 1.393E+03 2.290E+05 3.917E+06 1.491E+07
 Z                 20        20        20        27        20        20        20        20        20        27        20        20
 Z MAXIMUM   1.969E+03 7.252E+03 2.085E+03 1.974E+06 1.259E+06 4.986E+06 1.969E+03 7.252E+03 2.085E+03 1.974E+06 1.142E+06 4.577E+06
 GRAND TOTAL 1.156E+04 1.043E+04 3.313E+03 6.780E+06 5.377E+06 1.646E+07 1.156E+04 1.043E+04 3.313E+03 6.780E+06 5.293E+06 1.615E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 353)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        20        27        27        20         4        20        20        27        27         4
 X MAXIMUM   1.066E+03 2.999E+03 8.631E+02 6.416E+06 2.500E+06 1.861E+06 1.066E+03 2.999E+03 8.631E+02 6.416E+06 2.491E+06 1.557E+06
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 Y                  4         4         4         8         4         4         4         4         4         8         4         4
 Y MAXIMUM   9.912E+03 3.241E+03 1.392E+03 2.290E+05 3.917E+06 1.491E+07 9.912E+03 3.241E+03 1.392E+03 2.290E+05 3.728E+06 1.447E+07
 Z                 20        20        20        27        20        20        20        20        20        27        20        20
 Z MAXIMUM   1.969E+03 7.374E+03 2.122E+03 1.974E+06 1.142E+06 4.577E+06 1.969E+03 7.374E+03 2.122E+03 1.974E+06 8.529E+05 3.574E+06
 GRAND TOTAL 1.162E+04 1.054E+04 3.342E+03 6.780E+06 5.293E+06 1.615E+07 1.162E+04 1.054E+04 3.342E+03 6.780E+06 5.102E+06 1.547E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 354)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        27        27        27         4         4        20        27        27        37         4
 X MAXIMUM   1.067E+03 6.493E+03 8.851E+03 6.416E+06 2.491E+06 1.557E+06 1.067E+03 6.493E+03 8.851E+03 6.416E+06 7.297E+05 1.481E+06
 Y                118         4         4         8         4         4       118         4         4         8         4         4
 Y MAXIMUM   1.682E+04 3.030E+03 1.367E+03 2.290E+05 3.728E+06 1.447E+07 1.682E+04 3.030E+03 1.367E+03 2.290E+05 3.409E+06 1.377E+07
 Z                 20        20        20        27        20        20        20        20        20        27         6         4
 Z MAXIMUM   1.978E+03 1.596E+04 4.723E+03 1.974E+06 8.529E+05 3.574E+06 1.978E+03 1.596E+04 4.723E+03 1.974E+06 6.963E+05 1.588E+06
 GRAND TOTAL 2.011E+04 1.907E+04 1.091E+04 6.780E+06 5.102E+06 1.547E+07 2.011E+04 1.907E+04 1.091E+04 6.780E+06 4.137E+06 1.448E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 355)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        27        27        37         4         4        20        27        27        27        20
 X MAXIMUM   1.070E+03 1.264E+04 2.432E+04 6.416E+06 7.297E+05 1.481E+06 1.070E+03 1.264E+04 2.432E+04 6.416E+06 5.239E+06 3.003E+06
 Y                118        20         4         8         4         4       118        20         4         8         4         4
 Y MAXIMUM   4.158E+04 3.456E+03 1.327E+03 2.290E+05 3.409E+06 1.377E+07 4.158E+04 3.456E+03 1.327E+03 2.290E+05 3.100E+06 1.314E+07
 Z                 20        20        20        27         6         4        20        20        20        27        20        20
 Z MAXIMUM   1.994E+03 3.107E+04 9.296E+03 1.974E+06 6.963E+05 1.588E+06 1.994E+03 3.107E+04 9.296E+03 1.974E+06 2.414E+06 7.384E+06
 GRAND TOTAL 4.354E+04 3.578E+04 2.756E+04 6.780E+06 4.137E+06 1.448E+07 4.354E+04 3.578E+04 2.756E+04 6.780E+06 7.294E+06 1.654E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 356)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  4        20        27        27        27        20         4        20        27        27        27        20
 X MAXIMUM   1.072E+03 1.800E+04 3.787E+04 6.416E+06 5.239E+06 3.003E+06 1.072E+03 1.800E+04 3.787E+04 6.416E+06 1.410E+07 7.216E+06
 Y                118        20        20         8         4         4       118        20        20         8         4         4
 Y MAXIMUM   6.626E+04 4.924E+03 1.478E+03 2.290E+05 3.100E+06 1.314E+07 6.626E+04 4.924E+03 1.478E+03 2.290E+05 2.797E+06 1.258E+07
 Z                 20        20        20        27        20        20        20        20        20        27        20        20
 Z MAXIMUM   2.010E+03 4.427E+04 1.329E+04 1.974E+06 2.414E+06 7.384E+06 2.010E+03 4.427E+04 1.329E+04 1.974E+06 5.524E+06 1.774E+07
 GRAND TOTAL 6.819E+04 5.074E+04 4.230E+04 6.780E+06 7.294E+06 1.654E+07 6.819E+04 5.074E+04 4.230E+04 6.780E+06 1.644E+07 2.467E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 357)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 20        18        20        27        27        20        20        18        20        27        27        20
 X MAXIMUM   3.584E-10 7.222E-12 4.026E-11 2.880E-09 6.494E-08 1.449E-08 3.584E-10 7.222E-12 4.026E-11 2.880E-09 3.402E-08 6.211E-09
 Y                 20       118         4       118        20       118        20       118         4       118         4       118
 Y MAXIMUM   7.731E-11 1.539E-11 1.289E-11 5.386E-10 1.626E-08 1.176E-08 7.731E-11 1.539E-11 1.289E-11 5.386E-10 3.496E-09 1.118E-08
 Z                 20        20        20        27        20        20        20        20        20        27        20        20
 Z MAXIMUM   7.129E-10 4.027E-12 9.926E-11 8.663E-10 1.437E-07 2.312E-08 7.129E-10 4.027E-12 9.926E-11 8.663E-10 6.278E-09 2.042E-08
 GRAND TOTAL 8.559E-10 1.946E-11 1.176E-10 3.217E-09 1.746E-07 3.161E-08 8.559E-10 1.946E-11 1.176E-10 3.217E-09 3.560E-08 2.476E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 358)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 27        27        20        27        20        27        27        27        20        27        27        27
 X MAXIMUM   3.716E-10 2.751E-11 2.617E-11 5.004E-09 2.894E-08 2.443E-08 3.716E-10 2.751E-11 2.617E-11 5.004E-09 6.728E-09 2.094E-09
 Y                 20       118        20       118        20       118        20       118        20       118         8       118
 Y MAXIMUM   2.382E-11 3.665E-11 4.903E-12 5.640E-10 9.065E-09 2.049E-08 2.382E-11 3.665E-11 4.903E-12 5.640E-10 1.452E-09 1.879E-08
 Z                 20        20        20        27        20        20        20        20        20        27        20        27
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 Z MAXIMUM   1.814E-10 5.131E-12 4.519E-11 1.241E-09 7.532E-08 8.759E-09 1.814E-10 5.131E-12 4.519E-11 1.241E-09 2.266E-09 3.442E-09
 GRAND TOTAL 4.329E-10 4.654E-11 5.508E-11 5.257E-09 8.512E-08 3.434E-08 4.329E-10 4.654E-11 5.508E-11 5.257E-09 8.447E-09 1.943E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 359)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  20        27        20        27        20        20        20        27        20        27        18        18
 X MAXIMUM   8.112E-11 5.538E-12 3.857E-11 1.372E-09 4.292E-08 1.525E-08 8.112E-11 5.538E-12 3.857E-11 1.372E-09 2.185E-08 4.764E-09
 Y                   6       118        18       118        18       118         6       118        18       118        18       118
 Y MAXIMUM   7.692E-11 2.824E-11 1.479E-11 4.666E-10 1.356E-08 2.043E-08 7.692E-11 2.824E-11 1.479E-11 4.666E-10 8.415E-09 1.333E-08
 Z                  20        20        20        20        20        20        20        20        20        20        20         6
 Z MAXIMUM   1.257E-10 3.620E-12 9.302E-11 3.360E-09 1.046E-07 3.544E-08 1.257E-10 3.620E-12 9.302E-11 3.360E-09 3.201E-08 1.298E-09
 GRAND TOTAL 1.967E-10 2.968E-11 1.151E-10 4.038E-09 1.206E-07 4.467E-08 1.967E-10 2.968E-11 1.151E-10 4.038E-09 4.281E-08 1.504E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 360)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  27        27        27        27        20        27        27        27        27        27        27        27
 X MAXIMUM   8.022E-10 1.295E-11 1.198E-11 5.004E-09 1.791E-08 8.102E-09 8.022E-10 1.295E-11 1.198E-11 5.004E-09 1.302E-08 1.705E-08
 Y                  20       118         8       118        18       118        20       118         8       118         4       118
 Y MAXIMUM   3.199E-11 1.440E-11 3.144E-12 5.614E-10 4.661E-09 1.336E-08 3.199E-11 1.440E-11 3.144E-12 5.614E-10 3.598E-09 6.506E-09
 Z                  20        20        20        27        20        20        20        20        20        27        20        27
 Z MAXIMUM   2.978E-10 1.264E-12 9.295E-12 1.241E-09 4.129E-08 6.718E-09 2.978E-10 1.264E-12 9.295E-12 1.241E-09 1.276E-08 4.486E-09
 GRAND TOTAL 8.926E-10 1.966E-11 1.994E-11 5.257E-09 4.626E-08 1.830E-08 8.926E-10 1.966E-11 1.994E-11 5.257E-09 2.132E-08 1.891E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 361)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                   4        20        27        27        27        20         4        20        27        27        27        20
 X MAXIMUM   1.076E+03 2.765E+04 6.224E+04 6.416E+06 1.410E+07 7.216E+06 1.076E+03 2.765E+04 6.224E+04 6.416E+06 6.078E+07 2.795E+07
 Y                 118        20        20         8         4         4       118        20        20         8        20         4
 Y MAXIMUM   1.178E+05 7.562E+03 2.277E+03 2.290E+05 2.797E+06 1.258E+07 1.178E+05 7.562E+03 2.277E+03 2.290E+05 2.322E+06 1.116E+07
 Z                 118        20        20        27        20        20       118        20        20        27        20        20
 Z MAXIMUM   3.550E+03 6.798E+04 2.047E+04 1.974E+06 5.524E+06 1.774E+07 3.550E+03 6.798E+04 2.047E+04 1.974E+06 2.088E+07 6.873E+07
 GRAND TOTAL 1.203E+05 7.788E+04 6.888E+04 6.780E+06 1.644E+07 2.467E+07 1.203E+05 7.788E+04 6.888E+04 6.780E+06 6.766E+07 7.980E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 362)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 118        20        27        27        27        20       118        20        27        27        27        20
 X MAXIMUM   1.318E+03 3.456E+04 7.978E+04 6.416E+06 6.078E+07 2.795E+07 1.318E+03 3.456E+04 7.978E+04 6.416E+06 1.206E+08 5.387E+07
 Y                 118        20        20         8        20         4       118        20        20         8        20        20
 Y MAXIMUM   1.923E+05 9.451E+03 2.848E+03 2.290E+05 2.322E+06 1.116E+07 1.923E+05 9.451E+03 2.848E+03 2.290E+05 4.458E+06 1.473E+07
 Z                 118        20        20        27        20        20       118        20        20        27        20        20
 Z MAXIMUM   5.797E+03 8.497E+04 2.561E+04 1.974E+06 2.088E+07 6.873E+07 5.797E+03 8.497E+04 2.561E+04 1.974E+06 4.008E+07 1.325E+08
 GRAND TOTAL 1.961E+05 9.762E+04 8.819E+04 6.780E+06 6.766E+07 7.980E+07 1.961E+05 9.762E+04 8.819E+04 6.780E+06 1.336E+08 1.522E+08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 363)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  30        25        18        18        18        71        30        25        18        18        18        71
 X MAXIMUM   8.192E+03 1.085E+04 3.769E+04 1.430E+07 5.520E+07 1.457E+07 8.192E+03 1.085E+04 3.769E+04 1.430E+07 4.178E+07 1.074E+07
 Y                   8         8        18         3        18         8         8         8        18         3        18         8
 Y MAXIMUM   6.921E+03 1.069E+04 1.460E+04 1.184E+07 2.139E+07 1.593E+07 6.921E+03 1.069E+04 1.460E+04 1.184E+07 1.619E+07 1.212E+07
 Z                  14        14        57        14        57        14        14        14        57        14        57        14
 Z MAXIMUM   1.035E+04 1.043E+04 1.018E+04 3.676E+06 1.416E+07 1.437E+07 1.035E+04 1.043E+04 1.018E+04 3.676E+06 1.053E+07 1.065E+07
 GRAND TOTAL 2.422E+04 3.416E+04 5.118E+04 2.806E+07 7.231E+07 4.184E+07 2.422E+04 3.416E+04 5.118E+04 2.806E+07 5.492E+07 3.148E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 364)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        25        18        18        18        71        30        25        18        18        18        71
 X MAXIMUM   8.192E+03 1.085E+04 3.769E+04 1.430E+07 4.178E+07 1.074E+07 8.192E+03 1.085E+04 3.769E+04 1.430E+07 2.787E+07 6.776E+06
 Y                  8         8        18         3        18         8         8         8        18         3        18         8
 Y MAXIMUM   6.921E+03 1.069E+04 1.460E+04 1.184E+07 1.619E+07 1.212E+07 6.921E+03 1.069E+04 1.460E+04 1.184E+07 1.080E+07 8.175E+06
 Z                 14        14        57        14        57        14        14        14        57        14        57        14
 Z MAXIMUM   1.035E+04 1.043E+04 1.018E+04 3.676E+06 1.053E+07 1.065E+07 1.035E+04 1.043E+04 1.018E+04 3.676E+06 6.775E+06 6.803E+06
 GRAND TOTAL 2.422E+04 3.416E+04 5.118E+04 2.806E+07 5.492E+07 3.148E+07 2.422E+04 3.416E+04 5.118E+04 2.806E+07 3.773E+07 2.272E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 365)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        25        18        18        18        71        30        25        18        18        18        18
 X MAXIMUM   7.660E+03 1.092E+04 3.525E+04 1.430E+07 2.787E+07 6.776E+06 7.660E+03 1.092E+04 3.525E+04 1.430E+07 1.758E+07 5.426E+06
 Y                  8         8        18         3        18         8         8         8        18         3         3        12
 Y MAXIMUM   6.332E+03 1.025E+04 1.366E+04 1.184E+07 1.080E+07 8.175E+06 6.332E+03 1.025E+04 1.366E+04 1.184E+07 7.884E+06 6.156E+06
 Z                 14        14        57        14        57        14        14        14        57        14        18        12
 Z MAXIMUM   1.008E+04 1.002E+04 9.823E+03 3.676E+06 6.775E+06 6.803E+06 1.008E+04 1.002E+04 9.823E+03 3.676E+06 4.132E+06 8.064E+06
 GRAND TOTAL 2.313E+04 3.339E+04 4.842E+04 2.806E+07 3.773E+07 2.272E+07 2.313E+04 3.339E+04 4.842E+04 2.806E+07 2.658E+07 1.932E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 366)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        71        18        18        18        71        30        71        18        18        18        71
 X MAXIMUM   4.983E+03 7.137E+03 2.659E+04 2.188E+06 1.313E+07 3.719E+06 4.983E+03 7.137E+03 2.659E+04 2.188E+06 6.935E+06 2.056E+06
 Y                  8        71        18        18        18        71         8        71        18        18        18        71
 Y MAXIMUM   5.516E+03 6.356E+03 1.030E+04 8.477E+05 5.087E+06 3.312E+06 5.516E+03 6.356E+03 1.030E+04 8.477E+05 2.687E+06 1.831E+06
 Z                 30        57        57        18        57        57        30        57        57        18        57        57
 Z MAXIMUM   3.952E+03 3.919E+03 6.910E+03 5.143E+05 3.525E+06 2.094E+06 3.952E+03 3.919E+03 6.910E+03 5.143E+05 1.915E+06 1.180E+06
 GRAND TOTAL 1.277E+04 1.712E+04 3.509E+04 3.727E+06 1.735E+07 8.648E+06 1.277E+04 1.712E+04 3.509E+04 3.727E+06 9.190E+06 4.764E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 367)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 30        71        18        18        18        71        30        71        18        18        30        30
 X MAXIMUM   4.867E+03 7.016E+03 2.601E+04 2.188E+06 6.935E+06 2.056E+06 4.867E+03 7.016E+03 2.601E+04 2.188E+06 2.044E+05 3.535E+05
 Y                  8        71        18        18        18        71         8        71        18        18       129       129
 Y MAXIMUM   5.388E+03 6.249E+03 1.008E+04 8.477E+05 2.687E+06 1.831E+06 5.388E+03 6.249E+03 1.008E+04 8.477E+05 2.501E+05 4.324E+05
 Z                 30        57        57        18        57        57        30        57        57        18       106       106
 Z MAXIMUM   3.860E+03 3.834E+03 6.784E+03 5.143E+05 1.915E+06 1.180E+06 3.860E+03 3.834E+03 6.784E+03 5.143E+05 2.546E+05 4.403E+05
 GRAND TOTAL 1.249E+04 1.682E+04 3.437E+04 3.727E+06 9.190E+06 4.764E+06 1.249E+04 1.682E+04 3.437E+04 3.727E+06 8.518E+05 1.473E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 368)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        30        18        18        18        30        18        30        18        18        18        30
 X MAXIMUM   2.470E+03 1.065E+03 5.705E+03 1.251E-10 2.188E+06 4.083E+05 2.470E+03 1.065E+03 5.705E+03 1.251E-10 2.090E-09 7.177E-10
 Y                 71       129        18        18        18       129        71       129        18        18        18         8
 Y MAXIMUM   1.224E+03 1.302E+03 2.210E+03 6.188E-11 8.477E+05 4.995E+05 1.224E+03 1.302E+03 2.210E+03 6.188E-11 1.970E-09 1.003E-09
 Z                 57       106        18        13        18       106        57       106        18        13        18        14
 Z MAXIMUM   1.564E+03 1.326E+03 1.341E+03 5.786E-11 5.143E+05 5.086E+05 1.564E+03 1.326E+03 1.341E+03 5.786E-11 1.159E-09 7.583E-10
 GRAND TOTAL 5.009E+03 4.436E+03 9.718E+03 2.253E-10 3.727E+06 1.701E+06 5.009E+03 4.436E+03 9.718E+03 2.253E-10 4.010E-09 2.179E-09
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 369)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        25        25        18        18        25        25        25        25        18        18
 X MAXIMUM   8.795E+03 6.543E+03 8.438E+03 6.372E+06 1.211E+07 8.149E+06 8.795E+03 6.543E+03 8.438E+03 6.372E+06 1.118E+07 7.257E+06
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 Y                 12        25         3         3         3        12        12        25         3         3         3        12
 Y MAXIMUM   4.850E+03 2.418E+03 8.439E+03 8.008E+06 1.185E+07 6.556E+06 4.850E+03 2.418E+03 8.439E+03 8.008E+06 8.615E+06 6.130E+06
 Z                 12        14        25        25        13        12        12        14        25        25        14        12
 Z MAXIMUM   6.353E+03 6.331E+03 3.948E+03 2.982E+06 3.540E+06 8.588E+06 6.353E+03 6.331E+03 3.948E+03 2.982E+06 3.543E+06 8.030E+06
 GRAND TOTAL 1.595E+04 1.287E+04 1.857E+04 1.405E+07 2.658E+07 1.765E+07 1.595E+04 1.287E+04 1.857E+04 1.405E+07 2.066E+07 1.598E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 370)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        25        25        18        18        25        25        25        25        18        18
 X MAXIMUM   8.765E+03 6.581E+03 8.559E+03 6.373E+06 1.118E+07 7.258E+06 8.765E+03 6.581E+03 8.559E+03 6.373E+06 1.034E+07 6.759E+06
 Y                 12        25         3         3         3        12        12        25         3         3         8        12
 Y MAXIMUM   4.848E+03 2.432E+03 8.402E+03 8.007E+06 8.615E+06 6.129E+06 4.848E+03 2.432E+03 8.402E+03 8.007E+06 6.886E+06 5.872E+06
 Z                 12        14        25        25        14        12        12        14        25        25        14        12
 Z MAXIMUM   6.350E+03 6.121E+03 4.005E+03 2.982E+06 3.543E+06 8.029E+06 6.350E+03 6.121E+03 4.005E+03 2.982E+06 3.511E+06 7.692E+06
 GRAND TOTAL 1.578E+04 1.273E+04 1.884E+04 1.405E+07 2.066E+07 1.598E+07 1.578E+04 1.273E+04 1.884E+04 1.405E+07 1.752E+07 1.558E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 371)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        25        25        18        18        25        25        25        25        18        18
 X MAXIMUM   8.761E+03 6.588E+03 8.576E+03 6.374E+06 1.034E+07 6.759E+06 8.761E+03 6.588E+03 8.576E+03 6.374E+06 1.007E+07 6.608E+06
 Y                 12        25         3         3         8        12        12        25         3         3         8        12
 Y MAXIMUM   4.847E+03 2.435E+03 8.393E+03 8.007E+06 6.886E+06 5.872E+06 4.847E+03 2.435E+03 8.393E+03 8.007E+06 6.442E+06 5.793E+06
 Z                 12        14        25        25        14        12        12        14        25        25        14        12
 Z MAXIMUM   6.350E+03 6.083E+03 4.013E+03 2.983E+06 3.511E+06 7.692E+06 6.350E+03 6.083E+03 4.013E+03 2.983E+06 3.499E+06 7.589E+06
 GRAND TOTAL 1.577E+04 1.270E+04 1.890E+04 1.405E+07 1.752E+07 1.558E+07 1.577E+04 1.270E+04 1.890E+04 1.405E+07 1.663E+07 1.554E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 372)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 25        25        25        25        18        18        25        18        25        18        18        18
 X MAXIMUM   8.751E+03 6.605E+03 8.613E+03 6.373E+06 1.007E+07 6.608E+06 1.086E+04 3.324E+03 8.613E+03 6.279E+06 6.116E+06 5.705E+06
 Y                 12         8         3         3         8        12        25        12         3        18         3        12
 Y MAXIMUM   4.847E+03 2.452E+03 8.371E+03 8.007E+06 6.442E+06 5.793E+06 4.013E+03 4.323E+03 8.371E+03 2.433E+06 7.863E+06 4.911E+06
 Z                 12        14        25        25        14        12        14        12        25        12        14        12
 Z MAXIMUM   6.349E+03 5.991E+03 4.030E+03 2.982E+06 3.499E+06 7.589E+06 7.602E+03 5.663E+03 4.030E+03 2.578E+06 2.732E+06 6.433E+06
 GRAND TOTAL 1.575E+04 1.265E+04 1.905E+04 1.405E+07 1.663E+07 1.554E+07 1.751E+04 1.006E+04 1.905E+04 1.063E+07 1.451E+07 1.428E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 372)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        25        18        25        18
 X MAXIMUM   6.605E+03 8.751E+03 8.613E+03 8.225E+06 3.092E+06 4.817E+06
 Y                  8        12         3         8         3        12
 Y MAXIMUM   2.452E+03 4.847E+03 8.371E+03 3.790E+06 4.818E+06 3.464E+06
 Z                 14        12        25        14        25        12
 Z MAXIMUM   5.991E+03 6.349E+03 4.030E+03 3.389E+06 1.447E+06 4.537E+06
 GRAND TOTAL 1.265E+04 1.575E+04 1.905E+04 1.226E+07 7.915E+06 1.097E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 373)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        18        18         3        18        25        25        18        18        18        18
 X MAXIMUM   6.656E+03 1.182E+04 6.285E+03 8.225E+06 1.740E+06 4.880E+06 6.656E+03 1.182E+04 6.285E+03 8.225E+06 1.373E+06 4.998E+06
 Y                  8        12         3         8         3        12         8        12         3         8         3         8
 Y MAXIMUM   2.744E+03 5.255E+03 7.304E+03 3.790E+06 4.377E+06 3.270E+06 2.744E+03 5.255E+03 7.304E+03 3.790E+06 1.404E+06 4.650E+06
 Z                 14        12        14        14        12        12        14        12        14        14        12        12
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 Z MAXIMUM   5.849E+03 6.883E+03 2.694E+03 3.389E+06 1.657E+06 4.284E+06 5.849E+03 6.883E+03 2.694E+03 3.389E+06 1.386E+06 1.482E+06
 GRAND TOTAL 1.259E+04 1.993E+04 1.459E+04 1.226E+07 6.860E+06 1.166E+07 1.259E+04 1.993E+04 1.459E+04 1.226E+07 3.449E+06 8.581E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 374)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        18        18        18        18        25        25        18        18        18        18
 X MAXIMUM   6.697E+03 1.168E+04 6.931E+03 8.225E+06 1.373E+06 4.998E+06 6.697E+03 1.168E+04 6.931E+03 8.225E+06 4.194E+06 5.056E+06
 Y                   8        12         3         8         3         8         8        12         3         8         8         8
 Y MAXIMUM   2.981E+03 5.129E+03 7.218E+03 3.790E+06 1.404E+06 4.650E+06 2.981E+03 5.129E+03 7.218E+03 3.790E+06 3.150E+06 6.333E+06
 Z                  14        12        14        14        12        12        14        12        14        14        13        25
 Z MAXIMUM   5.734E+03 6.718E+03 2.738E+03 3.389E+06 1.386E+06 1.482E+06 5.734E+03 6.718E+03 2.738E+03 3.389E+06 1.116E+06 2.192E+06
 GRAND TOTAL 1.261E+04 1.952E+04 1.488E+04 1.226E+07 3.449E+06 8.581E+06 1.261E+04 1.952E+04 1.488E+04 1.226E+07 7.050E+06 1.180E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 375)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  25        25        18        18        18        18        25        25        18        18        25        25
 X MAXIMUM   6.748E+03 1.141E+04 7.589E+03 8.225E+06 4.194E+06 5.056E+06 1.284E+04 3.293E+03 7.589E+03 9.628E+06 3.313E+06 7.005E+06
 Y                   8        12         3         8         8         8         8        12         3         8        12         8
 Y MAXIMUM   3.272E+03 4.911E+03 7.084E+03 3.790E+06 3.150E+06 6.333E+06 5.080E+03 4.405E+03 7.084E+03 5.534E+06 1.758E+06 7.021E+06
 Z                  14        12        14        14        13        25        14        12        14        14        12        25
 Z MAXIMUM   5.592E+03 6.433E+03 2.788E+03 3.389E+06 1.116E+06 2.192E+06 6.333E+03 5.770E+03 2.788E+03 3.222E+06 2.303E+06 3.278E+06
 GRAND TOTAL 1.270E+04 1.883E+04 1.515E+04 1.226E+07 7.050E+06 1.180E+07 2.011E+04 1.055E+04 1.515E+04 1.428E+07 5.728E+06 1.469E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 375)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        18        18        18        25
 X MAXIMUM   1.141E+04 6.748E+03 7.589E+03 7.085E+06 5.333E+06 6.459E+06
 Y                  12         8         3         8        18         8
 Y MAXIMUM   4.911E+03 3.272E+03 7.084E+03 5.291E+06 2.066E+06 6.576E+06
 Z                  12        14        14        13        14        12
 Z MAXIMUM   6.433E+03 5.592E+03 2.788E+03 1.838E+06 2.327E+06 4.361E+06
 GRAND TOTAL 1.883E+04 1.270E+04 1.515E+04 1.245E+07 8.269E+06 1.434E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 376)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        18        18        18        25        25        25        18        18        25        13
 X MAXIMUM   1.100E+04 6.862E+03 8.054E+03 7.085E+06 5.333E+06 6.459E+06 1.100E+04 6.862E+03 8.054E+03 7.085E+06 4.591E+06 2.786E+06
 Y                  12         8         3         8        18         8        12         8         3         8         3         8
 Y MAXIMUM   4.594E+03 3.589E+03 6.862E+03 5.291E+06 2.066E+06 6.576E+06 4.594E+03 3.589E+03 6.862E+03 5.291E+06 3.559E+06 4.498E+06
 Z                  12        14        14        13        14        12        12        14        14        13        25        12
 Z MAXIMUM   6.017E+03 5.433E+03 2.809E+03 1.838E+06 2.327E+06 4.361E+06 6.017E+03 5.433E+03 2.809E+03 1.838E+06 2.148E+06 5.334E+06
 GRAND TOTAL 1.790E+04 1.291E+04 1.526E+04 1.245E+07 8.269E+06 1.434E+07 1.790E+04 1.291E+04 1.526E+04 1.245E+07 8.189E+06 1.166E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 377)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        18        18        25        13        25        25        18        18        25        13
 X MAXIMUM   1.061E+04 6.991E+03 8.227E+03 7.085E+06 4.591E+06 2.786E+06 1.061E+04 6.991E+03 8.227E+03 7.085E+06 6.164E+06 3.928E+06
 Y                  12         8         3         8         3         8        12         8         3         8         3        12
 Y MAXIMUM   4.281E+03 3.841E+03 6.589E+03 5.291E+06 3.559E+06 4.498E+06 4.281E+03 3.841E+03 6.589E+03 5.291E+06 7.381E+06 4.759E+06
 Z                  12        14        14        13        25        12        12        14        14        13        25        12
 Z MAXIMUM   5.608E+03 5.284E+03 2.767E+03 1.838E+06 2.148E+06 5.334E+06 5.608E+03 5.284E+03 2.767E+03 1.838E+06 2.884E+06 6.234E+06
 GRAND TOTAL 1.704E+04 1.312E+04 1.511E+04 1.245E+07 8.189E+06 1.166E+07 1.704E+04 1.312E+04 1.511E+04 1.245E+07 1.473E+07 1.316E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 378)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 25        18        25        18        13        25        25        18        25        18        18        18
 X MAXIMUM   1.020E+04 8.110E+03 7.131E+03 7.085E+06 3.928E+06 6.164E+06 9.058E+03 6.357E+03 7.131E+03 4.561E+06 5.052E+06 6.385E+06
 Y                 12         3         8         8        12         3         3        12         8        12         8         3
 Y MAXIMUM   3.964E+03 6.261E+03 4.027E+03 5.291E+06 4.759E+06 7.381E+06 7.102E+03 3.177E+03 4.027E+03 3.048E+06 4.262E+06 8.646E+06
 Z                 12        14        14        13        12        25        25        12        14        12        14        25
 Z MAXIMUM   5.192E+03 2.659E+03 5.147E+03 1.838E+06 6.234E+06 2.884E+06 4.239E+03 4.161E+03 5.147E+03 3.992E+06 6.820E+06 2.680E+06
 GRAND TOTAL 1.624E+04 1.466E+04 1.335E+04 1.245E+07 1.316E+07 1.473E+07 1.813E+04 1.225E+04 1.335E+04 1.148E+07 1.537E+07 1.710E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 378)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        25        25        13        18        18
 X MAXIMUM   8.110E+03 1.020E+04 7.131E+03 4.634E+06 6.104E+06 7.528E+06
 Y                  3        12         8        12         8         3
 Y MAXIMUM   6.261E+03 3.964E+03 4.027E+03 5.151E+06 3.757E+06 8.325E+06
 Z                 14        12        14        14        14        14
 Z MAXIMUM   2.659E+03 5.192E+03 5.147E+03 7.856E+06 3.750E+06 2.876E+06
 GRAND TOTAL 1.466E+04 1.624E+04 1.335E+04 1.605E+07 1.114E+07 1.638E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 379)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        25        25        13        18        18        18        25        25        13        18        25
 X MAXIMUM   7.667E+03 7.347E+03 9.459E+03 4.634E+06 7.528E+06 6.104E+06 7.667E+03 7.347E+03 9.459E+03 4.634E+06 8.861E+06 8.968E+06
 Y                  3         8         3        12         3         8         3         8         3        12        12        25
 Y MAXIMUM   5.712E+03 4.201E+03 3.748E+03 5.151E+06 8.325E+06 3.757E+06 5.712E+03 4.201E+03 3.748E+03 5.151E+06 4.994E+06 3.314E+06
 Z                 14        14        12        14        14        14        14        14        12        14        12        14
 Z MAXIMUM   2.429E+03 5.029E+03 4.498E+03 7.856E+06 2.876E+06 3.750E+06 2.429E+03 5.029E+03 4.498E+03 7.856E+06 6.542E+06 9.991E+06
 GRAND TOTAL 1.370E+04 1.387E+04 1.497E+04 1.605E+07 1.638E+07 1.114E+07 1.370E+04 1.387E+04 1.497E+04 1.605E+07 1.867E+07 2.001E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 380)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        25        25        13        18        25        18        25        25        13        25        13
 X MAXIMUM   6.462E+03 5.954E+03 6.147E+03 4.634E+06 8.861E+06 8.968E+06 6.462E+03 5.954E+03 6.147E+03 4.634E+06 1.844E+07 4.288E+06
 Y                  8        12         3        12        12        25         8        12         3        12        12        12
 Y MAXIMUM   4.245E+03 5.009E+03 3.683E+03 5.151E+06 4.994E+06 3.314E+06 4.245E+03 5.009E+03 3.683E+03 5.151E+06 7.859E+06 6.103E+06
 Z                 14        14        25        14        12        14        14        14        25        14        12        12
 Z MAXIMUM   1.805E+03 9.623E+03 2.876E+03 7.856E+06 6.542E+06 9.991E+06 1.805E+03 9.623E+03 2.876E+03 7.856E+06 1.029E+07 7.994E+06
 GRAND TOTAL 1.123E+04 1.901E+04 1.042E+04 1.605E+07 1.867E+07 2.001E+07 1.123E+04 1.901E+04 1.042E+04 1.605E+07 3.011E+07 1.688E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 381)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        18        18        18        13        25        25        18        18         3        25
 X MAXIMUM   6.484E+03 3.142E+03 2.229E+03 3.269E+05 1.284E+06 1.700E+06 6.484E+03 3.142E+03 2.229E+03 3.269E+05 6.319E-08 9.453E+05
 Y                 12        12         3         3         3        12        12        12         3         3         3        12
 Y MAXIMUM   2.884E+03 2.571E+03 2.556E+03 3.741E+05 1.472E+06 1.905E+06 2.884E+03 2.571E+03 2.556E+03 3.741E+05 1.255E-07 4.246E+05
 Z                 12        14        64        14        64        14        12        14        64        14         3        12
 Z MAXIMUM   3.777E+03 5.222E+03 1.029E+03 1.533E+05 5.925E+05 2.731E+06 3.777E+03 5.222E+03 1.029E+03 1.533E+05 4.652E-08 5.561E+05
 GRAND TOTAL 1.066E+04 1.106E+04 5.102E+03 7.490E+05 2.939E+06 6.419E+06 1.066E+04 1.106E+04 5.102E+03 7.490E+05 2.132E-07 1.561E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 382)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        18        25        18        25        25        25        18        25         3        25
 X MAXIMUM   2.875E+03 5.908E+03 2.043E+03 1.687E-09 3.269E+05 9.453E+05 2.875E+03 5.908E+03 2.043E+03 1.687E-09 6.191E-08 8.046E-08
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 Y                 12        12         3         8         3        12        12        12         3         8         2         8
 Y MAXIMUM   2.352E+03 2.653E+03 2.338E+03 1.645E-09 3.741E+05 4.246E+05 2.352E+03 2.653E+03 2.338E+03 1.645E-09 9.078E-08 9.851E-08
 Z                 14        12        14        12        14        12        14        12        14        12         2        13
 Z MAXIMUM   4.778E+03 3.476E+03 9.581E+02 2.754E-09 1.533E+05 5.561E+05 4.778E+03 3.476E+03 9.581E+02 2.754E-09 2.833E-08 6.739E-08
 GRAND TOTAL 1.012E+04 9.754E+03 4.681E+03 4.642E-09 7.490E+05 1.561E+06 1.012E+04 9.754E+03 4.681E+03 4.642E-09 1.690E-07 1.917E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 383)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        25        18        25        25        13        18        25        18        25        25        13
 X MAXIMUM   3.605E+03 2.223E+03 2.818E+03 3.421E+06 1.810E+07 4.363E+06 3.605E+03 2.223E+03 2.818E+03 3.421E+06 1.717E+07 5.086E+06
 Y                  8        12         3        12        12        12         8        12         3        12        12        12
 Y MAXIMUM   2.129E+03 1.872E+03 3.420E+03 3.245E+06 7.904E+06 6.093E+06 2.129E+03 1.872E+03 3.420E+03 3.245E+06 7.151E+06 6.825E+06
 Z                 64        14        12        14        12        12        64        14        12        14        12        12
 Z MAXIMUM   1.984E+03 3.411E+03 2.525E+03 5.125E+06 1.035E+07 7.981E+06 1.984E+03 3.411E+03 2.525E+03 5.125E+06 9.367E+06 8.940E+06
 GRAND TOTAL 6.230E+03 7.510E+03 8.211E+03 1.081E+07 3.036E+07 1.691E+07 6.230E+03 7.510E+03 8.211E+03 1.081E+07 2.835E+07 1.884E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 384)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 18        25        18        25        25        13        18        25        18        25        25        13
 X MAXIMUM   3.415E+03 2.015E+03 3.045E+03 3.421E+06 1.717E+07 5.086E+06 3.415E+03 2.015E+03 3.045E+03 3.421E+06 1.602E+07 5.734E+06
 Y                  8        12         3        12        12        12         8        12         3        12        12        12
 Y MAXIMUM   1.997E+03 1.674E+03 3.400E+03 3.245E+06 7.151E+06 6.825E+06 1.997E+03 1.674E+03 3.400E+03 3.245E+06 6.307E+06 7.481E+06
 Z                 64        14        12        14        12        12        64        14        12        14        12        12
 Z MAXIMUM   2.067E+03 3.058E+03 2.819E+03 5.125E+06 9.367E+06 8.940E+06 2.067E+03 3.058E+03 2.819E+03 5.125E+06 8.262E+06 9.799E+06
 GRAND TOTAL 6.028E+03 6.910E+03 8.815E+03 1.081E+07 2.835E+07 1.884E+07 6.028E+03 6.910E+03 8.815E+03 1.081E+07 2.624E+07 2.074E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 385)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        18        18        18        13        25        25        18        18         3        25
 X MAXIMUM   5.497E+03 3.991E+03 1.881E+03 2.760E+05 1.083E+06 2.110E+06 5.497E+03 3.991E+03 1.881E+03 2.760E+05 8.348E-08 8.000E+05
 Y                 12        12         3         3         3        12        12        12         3         3         3        12
 Y MAXIMUM   2.407E+03 3.227E+03 2.585E+03 3.785E+05 1.489E+06 2.214E+06 2.407E+03 3.227E+03 2.585E+03 3.785E+05 2.179E-07 3.551E+05
 Z                 12        14        14        14        14        14        12        14        14        14         2        12
 Z MAXIMUM   3.153E+03 6.543E+03 7.894E+02 1.180E+05 4.547E+05 3.579E+06 3.153E+03 6.543E+03 7.894E+02 1.180E+05 6.746E-08 4.652E+05
 GRAND TOTAL 9.107E+03 1.298E+04 5.154E+03 7.563E+05 2.969E+06 7.460E+06 9.107E+03 1.298E+04 5.154E+03 7.563E+05 3.298E-07 1.331E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 386)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 25        25        18        25        18        25        25        25        18        25         3        25
 X MAXIMUM   3.651E+03 5.000E+03 1.725E+03 4.228E-09 2.760E+05 8.000E+05 3.651E+03 5.000E+03 1.725E+03 4.228E-09 4.765E-08 7.617E-08
 Y                 12        12         3        12         3        12        12        12         3        12         3        12
 Y MAXIMUM   2.953E+03 2.220E+03 2.366E+03 3.035E-09 3.785E+05 3.551E+05 2.953E+03 2.220E+03 2.366E+03 3.035E-09 1.005E-07 7.162E-08
 Z                 14        12        14        12        14        12        14        12        14        12         7        12
 Z MAXIMUM   5.987E+03 2.908E+03 7.374E+02 2.222E-09 1.180E+05 4.652E+05 5.987E+03 2.908E+03 7.374E+02 2.222E-09 3.046E-08 9.458E-08
 GRAND TOTAL 1.187E+04 8.321E+03 4.727E+03 6.563E-09 7.563E+05 1.331E+06 1.187E+04 8.321E+03 4.727E+03 6.563E-09 1.737E-07 1.828E-07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 387)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 64        25        25        25        25        13        64        25        25        25        25        13
 X MAXIMUM   1.318E+03 2.560E+03 9.743E+03 1.922E+06 1.525E+07 5.807E+06 1.318E+03 2.560E+03 9.743E+03 1.922E+06 5.838E+06 3.479E+06
 Y                  3        41        12        41        12        12         3        41        12        41         3        12
 Y MAXIMUM   2.504E+03 3.667E+03 5.050E+03 1.637E+06 6.266E+06 7.492E+06 2.504E+03 3.667E+03 5.050E+03 1.637E+06 5.020E+06 5.468E+06
 Z                 64        14        12        14        12        12        64        14        12        14        25        12
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 Z MAXIMUM   2.714E+03 4.472E+03 6.616E+03 1.546E+06 8.208E+06 9.814E+06 2.714E+03 4.472E+03 6.616E+03 1.546E+06 2.732E+06 7.163E+06
 GRAND TOTAL 5.344E+03 9.816E+03 1.803E+04 5.282E+06 2.567E+07 2.077E+07 5.344E+03 9.816E+03 1.803E+04 5.282E+06 1.226E+07 1.364E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 388)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                  64        25        25        25        13        25        25        25        25        25        13        25
 X MAXIMUM   1.390E+03 1.032E+04 3.095E+03 1.922E+06 3.479E+06 5.838E+06 5.735E+03 8.578E+03 3.095E+03 2.023E+06 2.750E+06 3.669E+06
 Y                   3        12        41        41        12         3         3        12        41         3        12         3
 Y MAXIMUM   2.925E+03 5.258E+03 3.828E+03 1.637E+06 5.468E+06 5.020E+06 4.143E+03 4.266E+03 3.828E+03 2.234E+06 4.594E+06 5.483E+06
 Z                  64        12        14        14        12        25        64        12        14        12        12        64
 Z MAXIMUM   2.862E+03 6.888E+03 5.343E+03 1.546E+06 7.163E+06 2.732E+06 4.545E+03 5.588E+03 5.343E+03 2.619E+06 6.017E+06 2.684E+06
 GRAND TOTAL 5.841E+03 1.884E+04 1.136E+04 5.282E+06 1.364E+07 1.226E+07 1.287E+04 1.495E+04 1.136E+04 6.694E+06 1.148E+07 1.052E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 388)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        25        13        18        25
 X MAXIMUM   9.519E+03 3.984E+03 3.095E+03 2.212E+06 1.406E+06 2.227E+06
 Y                  12        12        41        12        41         3
 Y MAXIMUM   4.925E+03 1.855E+03 3.828E+03 4.043E+06 2.921E+06 5.422E+06
 Z                  12        12        14        12        12        64
 Z MAXIMUM   6.451E+03 2.430E+03 5.343E+03 5.296E+06 2.870E+06 2.749E+06
 GRAND TOTAL 1.824E+04 7.526E+03 1.136E+04 1.046E+07 7.061E+06 9.394E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 389)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        25        13        25        18        25        25        25        13         3        18
 X MAXIMUM   9.795E+03 3.435E+03 4.055E+03 2.212E+06 2.227E+06 1.406E+06 9.795E+03 3.435E+03 4.055E+03 2.212E+06 1.759E+06 2.091E+06
 Y                  12        41        12        12         3        41        12        41        12        12         3        41
 Y MAXIMUM   5.054E+03 3.904E+03 1.818E+03 4.043E+06 5.422E+06 2.921E+06 5.054E+03 3.904E+03 1.818E+03 4.043E+06 4.425E+06 5.120E+06
 Z                  12        14        12        12        64        12        12        14        12        12        64        14
 Z MAXIMUM   6.620E+03 5.884E+03 2.381E+03 5.296E+06 2.749E+06 2.870E+06 6.620E+03 5.884E+03 2.381E+03 5.296E+06 2.093E+06 2.164E+06
 GRAND TOTAL 1.876E+04 1.235E+04 7.633E+03 1.046E+07 9.394E+06 7.061E+06 1.876E+04 1.235E+04 7.633E+03 1.046E+07 7.275E+06 9.063E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 390)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        25        25        13         3        18        25        25        25        13        25        25
 X MAXIMUM   1.017E+04 3.702E+03 3.841E+03 2.213E+06 1.759E+06 2.093E+06 1.017E+04 3.702E+03 3.841E+03 2.213E+06 3.193E+06 4.433E+06
 Y                  12        41         3        12         3        41        12        41         3        12        12        41
 Y MAXIMUM   5.228E+03 4.008E+03 2.120E+03 4.043E+06 4.425E+06 5.120E+06 5.228E+03 4.008E+03 2.120E+03 4.043E+06 2.798E+06 8.394E+06
 Z                  12        14        12        12        64        14        12        14        12        12        12        14
 Z MAXIMUM   6.848E+03 6.312E+03 2.194E+03 5.296E+06 2.093E+06 2.163E+06 6.848E+03 6.312E+03 2.194E+03 5.296E+06 3.665E+06 7.320E+06
 GRAND TOTAL 1.949E+04 1.321E+04 7.351E+03 1.046E+07 7.275E+06 9.064E+06 1.949E+04 1.321E+04 7.351E+03 1.046E+07 7.728E+06 1.789E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 391)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                  25        13         3        13        25        25        25        13         3        13        25        25
 X MAXIMUM   3.188E+03 4.517E+03 1.519E+03 2.212E+06 3.193E+06 4.433E+06 3.188E+03 4.517E+03 1.519E+03 2.212E+06 2.609E+06 7.114E+06
 Y                   8        41         3        12        12        41         8        41         3        12        12         8
 Y MAXIMUM   2.856E+03 1.291E+04 3.821E+03 4.042E+06 2.798E+06 8.394E+06 2.856E+03 1.291E+04 3.821E+03 4.042E+06 1.454E+06 6.328E+06
 Z                  14        14        12        12        12        14        14        14        12        12        12        14
 Z MAXIMUM   5.854E+03 8.181E+03 2.873E+03 5.295E+06 3.665E+06 7.320E+06 5.854E+03 8.181E+03 2.873E+03 5.295E+06 1.905E+06 1.233E+07
 GRAND TOTAL 1.103E+04 2.282E+04 7.267E+03 1.046E+07 7.728E+06 1.789E+07 1.103E+04 2.282E+04 7.267E+03 1.046E+07 4.389E+06 2.270E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 392)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 25        13        25        13        25        25        25        29        25        13        25        25
 X MAXIMUM   3.518E+03 4.372E+03 1.833E+03 2.212E+06 2.609E+06 7.114E+06 5.470E+03 1.097E+03 1.833E+03 1.477E+06 2.653E+06 7.858E+06
 Y                  8        41         3        12        12         8        41        41         3         3        12         8
 Y MAXIMUM   2.904E+03 1.252E+04 4.052E+03 4.042E+06 1.454E+06 6.328E+06 9.897E+03 7.815E+03 4.052E+03 2.912E+06 3.209E+06 6.428E+06
 Z                 14        14        12        12        12        14        14        41        12        12        12        14
 Z MAXIMUM   5.998E+03 7.917E+03 3.292E+03 5.295E+06 1.904E+06 1.233E+07 9.839E+03 3.276E+03 3.292E+03 2.765E+06 4.204E+06 1.380E+07
 GRAND TOTAL 1.121E+04 2.208E+04 7.846E+03 1.046E+07 4.389E+06 2.270E+07 2.201E+04 1.135E+04 7.846E+03 6.565E+06 7.936E+06 2.555E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 392)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        25        25        25        13        25
 X MAXIMUM   4.372E+03 3.518E+03 1.833E+03 1.910E+06 1.933E+06 7.381E+06
 Y                 41         8         3         3        12         8
 Y MAXIMUM   1.252E+04 2.904E+03 4.052E+03 1.192E+06 3.085E+06 5.821E+06
 Z                 14        14        12        25        12        14
 Z MAXIMUM   7.917E+03 5.998E+03 3.292E+03 8.940E+05 4.041E+06 1.306E+07
 GRAND TOTAL 2.208E+04 1.121E+04 7.846E+03 3.288E+06 8.079E+06 2.451E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 393)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        13        25        25        25        13        13        13        25        25        25        13
 X MAXIMUM   3.779E+03 3.027E+03 5.883E+03 1.910E+06 3.935E+06 7.007E+06 3.779E+03 3.027E+03 5.883E+03 1.910E+06 1.319E+07 1.802E+06
 Y                 41        12         3         3         3        12        41        12         3         3         3         8
 Y MAXIMUM   1.110E+04 2.844E+03 5.192E+03 1.192E+06 2.498E+06 6.373E+06 1.110E+04 2.844E+03 5.192E+03 1.192E+06 1.261E+07 1.983E+06
 Z                 14        14        14        25        14        14        14        14        14        25        12        14
 Z MAXIMUM   6.863E+03 5.426E+03 4.096E+03 8.940E+05 3.167E+06 1.285E+07 6.863E+03 5.426E+03 4.096E+03 8.940E+05 8.895E+06 2.943E+06
 GRAND TOTAL 1.924E+04 1.053E+04 1.309E+04 3.288E+06 8.015E+06 2.453E+07 1.924E+04 1.053E+04 1.309E+04 3.288E+06 3.064E+07 6.630E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 394)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        16        25        25        25        13        13        16        25        25        25        16
 X MAXIMUM   3.080E+03 1.280E+03 5.704E+03 1.910E+06 1.319E+07 1.802E+06 3.080E+03 1.280E+03 5.704E+03 1.910E+06 6.318E+06 1.491E+06
 Y                 41        12         3         3         3         8        41        12         3         3         3        41
 Y MAXIMUM   9.394E+03 1.092E+03 5.706E+03 1.192E+06 1.261E+07 1.983E+06 9.394E+03 1.092E+03 5.706E+03 1.192E+06 5.739E+06 1.002E+06
 Z                 14        16        12        25        12        14        14        16        12        25        14        16
 Z MAXIMUM   5.622E+03 3.256E+03 3.909E+03 8.940E+05 8.895E+06 2.943E+06 5.622E+03 3.256E+03 3.909E+03 8.940E+05 4.485E+06 3.793E+06
 GRAND TOTAL 1.595E+04 5.253E+03 1.326E+04 3.288E+06 3.064E+07 6.630E+06 1.595E+04 5.253E+03 1.326E+04 3.288E+06 1.497E+07 5.177E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 395)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        16        25        25        25        16        13        16        25        25        55        16
 X MAXIMUM   2.671E+03 1.260E+03 5.798E+03 1.910E+06 6.318E+06 1.491E+06 2.671E+03 1.260E+03 5.798E+03 1.910E+06 1.660E+06 3.009E+06
 Y                 41        12         3         3         3        41        41        12         3         3         3       103
 Y MAXIMUM   8.391E+03 1.092E+03 5.725E+03 1.192E+06 5.739E+06 1.002E+06 8.391E+03 1.092E+03 5.725E+03 1.192E+06 1.154E+06 1.674E+06
 Z                 14        16        12        25        14        16        14        16        12        25        16        16
 Z MAXIMUM   4.895E+03 3.207E+03 3.951E+03 8.940E+05 4.485E+06 3.793E+06 4.895E+03 3.207E+03 3.951E+03 8.940E+05 2.009E+06 7.654E+06
 GRAND TOTAL 1.409E+04 5.196E+03 1.341E+04 3.288E+06 1.497E+07 5.177E+06 1.409E+04 5.196E+03 1.341E+04 3.288E+06 4.301E+06 9.327E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 396)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        16        55        25        55        16        13        16        55        25        85        59
 X MAXIMUM   2.026E+03 9.863E+02 1.230E+03 1.910E+06 1.660E+06 3.009E+06 2.026E+03 9.863E+02 1.230E+03 1.910E+06 1.524E+06 5.563E+05
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 Y                 41       103       103         3         3       103        41       103       103         3       103       103
 Y MAXIMUM   6.804E+03 1.721E+03 4.606E+02 1.192E+06 1.154E+06 1.674E+06 6.804E+03 1.721E+03 4.606E+02 1.192E+06 7.422E+05 2.773E+06
 Z                 14        16        64        25        16        16        14        16        64        25        64        59
 Z MAXIMUM   3.749E+03 2.509E+03 8.596E+02 8.940E+05 2.009E+06 7.654E+06 3.749E+03 2.509E+03 8.596E+02 8.940E+05 1.053E+06 1.519E+06
 GRAND TOTAL 1.130E+04 4.180E+03 2.429E+03 3.288E+06 4.301E+06 9.327E+06 1.130E+04 4.180E+03 2.429E+03 3.288E+06 3.332E+06 4.837E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 397)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        16        85        25        85        59        13        16        85        25        55        59
 X MAXIMUM   1.393E+03 4.596E+02 3.200E+02 1.910E+06 1.524E+06 5.563E+05 1.393E+03 4.596E+02 3.200E+02 1.910E+06 1.347E+06 6.032E+05
 Y                 41       122       122         3       103       103        41       122       122         3        41        41
 Y MAXIMUM   5.234E+03 1.100E+03 3.003E+02 1.192E+06 7.422E+05 2.773E+06 5.234E+03 1.100E+03 3.003E+02 1.192E+06 5.526E+05 1.812E+06
 Z                 14        16        16        25        64        59        14        16        16        25        64        59
 Z MAXIMUM   2.624E+03 1.169E+03 2.940E+02 8.940E+05 1.053E+06 1.519E+06 2.624E+03 1.169E+03 2.940E+02 8.940E+05 9.056E+05 1.648E+06
 GRAND TOTAL 8.897E+03 2.217E+03 8.683E+02 3.288E+06 3.332E+06 4.837E+06 8.897E+03 2.217E+03 8.683E+02 3.288E+06 2.786E+06 4.074E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 398)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 13        85        55        25        55        59        13        85        55        25        22        59
 X MAXIMUM   1.118E+03 2.044E+02 8.158E+02 1.910E+06 1.347E+06 6.032E+05 1.118E+03 2.044E+02 8.158E+02 1.910E+06 1.181E+06 5.512E+05
 Y                 41       103       103         3        41        41        41       103       103         3        41        41
 Y MAXIMUM   4.549E+03 1.903E+03 5.095E+02 1.192E+06 5.526E+05 1.812E+06 4.549E+03 1.903E+03 5.095E+02 1.192E+06 5.750E+05 1.974E+06
 Z                 16       103        64        25        64        59        16       103        64        25        64        59
 Z MAXIMUM   2.518E+03 7.227E+02 5.663E+02 8.940E+05 9.056E+05 1.648E+06 2.518E+03 7.227E+02 5.663E+02 8.940E+05 5.955E+05 1.506E+06
 GRAND TOTAL 8.034E+03 2.834E+03 1.803E+03 3.288E+06 2.786E+06 4.074E+06 8.034E+03 2.834E+03 1.803E+03 3.288E+06 2.222E+06 3.823E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 399)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 16        16        55        25        22        59        16        13        55        25        25        13
 X MAXIMUM   1.015E+03 3.390E+02 1.479E+03 1.910E+06 1.214E+06 5.633E+05 9.781E+02 5.751E+02 1.479E+03 1.727E+06 9.736E+05 3.554E+05
 Y                 41       103        55         3        55        41       122        41        55         3         3       122
 Y MAXIMUM   3.898E+03 2.519E+03 3.863E+02 1.192E+06 2.365E+05 2.055E+06 3.476E+03 2.489E+03 3.863E+02 8.438E+05 7.809E+05 1.402E+06
 Z                 16       103        64        25        64        59        16        59        64        25        14        59
 Z MAXIMUM   2.581E+03 9.570E+02 9.851E+02 8.940E+05 5.904E+05 1.539E+06 2.488E+03 1.400E+03 9.851E+02 8.084E+05 5.242E+05 9.517E+05
 GRAND TOTAL 7.369E+03 3.753E+03 2.757E+03 3.288E+06 2.132E+06 3.874E+06 6.648E+03 4.919E+03 2.757E+03 3.005E+06 2.127E+06 3.213E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 399)

               PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 16        16        55        22        25        13
 X MAXIMUM   4.310E+02 9.790E+02 1.479E+03 1.842E+06 1.940E+06 7.992E+05
 Y                103        41        55        25         3       103
 Y MAXIMUM   2.515E+03 3.864E+03 3.863E+02 2.212E+05 1.036E+06 1.526E+06
 Z                 16        16        64        22        25        16
 Z MAXIMUM   1.096E+03 2.491E+03 9.851E+02 4.605E+05 9.078E+05 1.657E+06
 GRAND TOTAL 3.991E+03 7.243E+03 2.757E+03 2.077E+06 3.448E+06 3.727E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 400)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 16        16        55        22        25        13        16        16        55        22        25        13
 X MAXIMUM   8.764E+02 8.934E+02 1.641E+03 1.842E+06 1.940E+06 7.992E+05 8.764E+02 8.934E+02 1.641E+03 1.842E+06 1.976E+06 1.009E+06
 Y                122        41        55        25         3       103       122        41        55        25         3        41
 Y MAXIMUM   2.875E+03 3.107E+03 4.286E+02 2.212E+05 1.036E+06 1.526E+06 2.875E+03 3.107E+03 4.286E+02 2.212E+05 9.669E+05 1.707E+06
 Z                 16        16        64        22        25        16        16        16        64        22        25        16
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 Z MAXIMUM   2.230E+03 2.273E+03 1.084E+03 4.605E+05 9.078E+05 1.657E+06 2.230E+03 2.273E+03 1.084E+03 4.605E+05 9.247E+05 2.440E+06
 GRAND TOTAL 4.862E+03 6.195E+03 3.041E+03 2.077E+06 3.448E+06 3.727E+06 4.862E+03 6.195E+03 3.041E+03 2.077E+06 3.989E+06 5.103E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 401)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 16        16        22        22        25        13        16        16        22        22        22        16
 X MAXIMUM   1.198E+03 8.149E+02 1.983E+03 1.843E+06 1.978E+06 1.009E+06 1.198E+03 8.149E+02 1.983E+03 1.843E+06 1.915E+06 1.586E+06
 Y                122        41        25        25         3        41       122        41        25        25         3        41
 Y MAXIMUM   3.183E+03 2.494E+03 2.796E+02 2.183E+05 9.674E+05 1.707E+06 3.183E+03 2.494E+03 2.796E+02 2.183E+05 8.392E+05 3.625E+06
 Z                 16        16        22        22        25        16        16        16        22        22        55        16
 Z MAXIMUM   3.047E+03 2.073E+03 4.957E+02 4.609E+05 9.257E+05 2.440E+06 3.047E+03 2.073E+03 4.957E+02 4.609E+05 1.120E+06 4.035E+06
 GRAND TOTAL 5.609E+03 5.281E+03 3.132E+03 2.077E+06 3.989E+06 5.103E+06 5.609E+03 5.281E+03 3.132E+03 2.077E+06 4.321E+06 8.518E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 402)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 16        16        22        22        22        16        16        16        22        22        22        16
 X MAXIMUM   2.496E+03 3.203E+02 1.154E+03 1.842E+06 1.916E+06 1.586E+06 2.496E+03 3.203E+02 1.154E+03 1.842E+06 6.173E+06 2.768E+06
 Y                122       103        25        25         3        41       122       103        25        25        22        59
 Y MAXIMUM   4.433E+03 9.140E+02 2.489E+02 2.189E+05 8.390E+05 3.625E+06 4.433E+03 9.140E+02 2.489E+02 2.189E+05 5.416E+05 2.312E+06
 Z                 16        16        25        22        55        16        16        16        25        22        22        16
 Z MAXIMUM   6.351E+03 8.149E+02 3.152E+02 4.605E+05 1.120E+06 4.035E+06 6.351E+03 8.149E+02 3.152E+02 4.605E+05 1.543E+06 7.042E+06
 GRAND TOTAL 9.107E+03 1.781E+03 1.662E+03 2.076E+06 4.322E+06 8.518E+06 9.107E+03 1.781E+03 1.662E+03 2.076E+06 7.225E+06 9.400E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 403)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 16        59        22        22        22        16        16        59        22        22        22        16
 X MAXIMUM   4.003E+03 7.412E+02 2.938E+03 1.857E+06 6.168E+06 2.768E+06 4.003E+03 7.412E+02 2.938E+03 1.857E+06 1.775E+06 2.188E+06
 Y                122        41        55        25        22        59       122        41        55        25        25        41
 Y MAXIMUM   5.762E+03 2.488E+03 3.619E+02 2.199E+05 5.412E+05 2.312E+06 5.762E+03 2.488E+03 3.619E+02 2.199E+05 3.011E+05 1.679E+06
 Z                 16        59        55        22        22        16        16        59        55        22        55        16
 Z MAXIMUM   1.018E+04 2.025E+03 8.688E+02 4.642E+05 1.542E+06 7.042E+06 1.018E+04 2.025E+03 8.688E+02 4.642E+05 4.591E+05 5.566E+06
 GRAND TOTAL 1.342E+04 5.364E+03 4.194E+03 2.092E+06 7.220E+06 9.400E+06 1.342E+04 5.364E+03 4.194E+03 2.092E+06 2.435E+06 6.939E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 404)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(C)     VY(C)     VZ(C)     TX(C)     MY(C)     MZ(C)
 X                 16        59        22        22        22        16        16        16        22        55        22        16
 X MAXIMUM   4.601E+03 7.943E+02 4.648E+03 1.857E+06 1.775E+06 2.188E+06 3.049E+03 3.482E+03 4.648E+03 7.939E+05 1.367E+06 1.597E+06
 Y                122        41        22        25        25        41       122       103        22        55        25        41
 Y MAXIMUM   6.264E+03 2.603E+03 4.079E+02 2.199E+05 3.011E+05 1.679E+06 5.349E+03 3.495E+03 4.079E+02 2.073E+05 3.134E+05 2.399E+06
 Z                 16        59        22        22        55        16        16        16        22        64        55        16
 Z MAXIMUM   1.170E+04 2.170E+03 1.162E+03 4.642E+05 4.591E+05 5.566E+06 7.758E+03 8.859E+03 1.162E+03 5.124E+05 4.812E+05 4.063E+06
 GRAND TOTAL 1.516E+04 5.857E+03 5.773E+03 2.092E+06 2.435E+06 6.939E+06 1.085E+04 1.210E+04 5.773E+03 1.511E+06 2.338E+06 6.483E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 404)

                PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        85        13
 X MAXIMUM   7.881E+02 4.627E+03 4.648E+03 1.248E+06 8.297E+05 9.685E+05
 Y                 41       122        22        55         3        41
 Y MAXIMUM   2.551E+03 6.147E+03 4.079E+02 3.258E+05 2.267E+05 2.838E+06
 Z                 59        16        22        55        55        14
 Z MAXIMUM   2.153E+03 1.177E+04 1.162E+03 7.822E+05 2.503E+05 1.642E+06
 GRAND TOTAL 5.641E+03 1.524E+04 5.773E+03 2.419E+06 1.266E+06 6.238E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 405)
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                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        85        25        59        16        22        55        85        25
 X MAXIMUM   7.891E+02 4.631E+03 5.003E+03 1.248E+06 8.016E+05 9.990E+05 7.891E+02 4.631E+03 5.003E+03 1.248E+06 8.602E+05 9.762E+05
 Y                 41       122       122        55        41        41        41       122       122        55        41        41
 Y MAXIMUM   2.552E+03 5.952E+03 1.582E+03 3.258E+05 7.690E+05 2.732E+06 2.552E+03 5.952E+03 1.582E+03 3.258E+05 7.773E+05 2.754E+06
 Z                 59        16        16        55        12        14        59        16        16        55        12        14
 Z MAXIMUM   2.156E+03 1.178E+04 3.012E+03 7.822E+05 4.721E+05 1.625E+06 2.156E+03 1.178E+04 3.012E+03 7.822E+05 4.854E+05 1.684E+06
 GRAND TOTAL 5.827E+03 1.518E+04 7.166E+03 2.419E+06 1.930E+06 6.065E+06 5.827E+03 1.518E+04 7.166E+03 2.419E+06 1.972E+06 6.162E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 406)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        85        25        59        16        22        55        85        13
 X MAXIMUM   7.894E+02 4.672E+03 5.119E+03 1.248E+06 8.602E+05 9.762E+05 7.894E+02 4.672E+03 5.119E+03 1.248E+06 1.103E+06 1.054E+06
 Y                 41       122       122        55        41        41        41       122       122        55        41        41
 Y MAXIMUM   2.553E+03 5.954E+03 1.583E+03 3.258E+05 7.773E+05 2.754E+06 2.553E+03 5.954E+03 1.583E+03 3.258E+05 8.113E+05 2.842E+06
 Z                 59        16        16        55        12        14        59        16        16        55        12        14
 Z MAXIMUM   2.156E+03 1.189E+04 3.038E+03 7.822E+05 4.854E+05 1.684E+06 2.156E+03 1.189E+04 3.038E+03 7.822E+05 5.414E+05 1.933E+06
 GRAND TOTAL 5.888E+03 1.528E+04 7.269E+03 2.419E+06 1.972E+06 6.162E+06 5.888E+03 1.528E+04 7.269E+03 2.419E+06 2.402E+06 6.942E+06
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 407)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        85        13        59        16        22        55        22        16
 X MAXIMUM   8.131E+02 7.955E+03 1.442E+04 1.248E+06 1.103E+06 1.054E+06 8.131E+02 7.955E+03 1.442E+04 1.248E+06 3.877E+06 2.264E+06
 Y                122       122       122        55        41        41       122       122       122        55       122       122
 Y MAXIMUM   1.531E+04 5.778E+03 1.536E+03 3.258E+05 8.113E+05 2.842E+06 1.531E+04 5.778E+03 1.536E+03 3.258E+05 1.104E+06 4.147E+06
 Z                 59        16        16        55        12        14        59        16        16        55        16        16
 Z MAXIMUM   2.221E+03 2.024E+04 5.154E+03 7.822E+05 5.414E+05 1.933E+06 2.221E+03 2.024E+04 5.154E+03 7.822E+05 1.406E+06 5.759E+06
 GRAND TOTAL 1.641E+04 2.395E+04 1.672E+04 2.419E+06 2.402E+06 6.942E+06 1.641E+04 2.395E+04 1.672E+04 2.419E+06 5.306E+06 1.044E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 408)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        22        16        59        16        22        55        22        16
 X MAXIMUM   8.590E+02 1.371E+04 3.076E+04 1.248E+06 3.877E+06 2.264E+06 8.590E+02 1.371E+04 3.076E+04 1.248E+06 1.104E+07 5.459E+06
 Y                122       122        22        55       122       122       122       122        22        55       122       122
 Y MAXIMUM   4.100E+04 4.685E+03 2.699E+03 3.258E+05 1.104E+06 4.147E+06 4.100E+04 4.685E+03 2.699E+03 3.258E+05 1.395E+06 5.239E+06
 Z                 59        16        16        55        16        16        59        16        16        55        16        16
 Z MAXIMUM   2.346E+03 3.489E+04 8.863E+03 7.822E+05 1.406E+06 5.759E+06 2.346E+03 3.489E+04 8.863E+03 7.822E+05 3.471E+06 1.389E+07
 GRAND TOTAL 4.178E+04 4.012E+04 3.451E+04 2.419E+06 5.306E+06 1.044E+07 4.178E+04 4.012E+04 3.451E+04 2.419E+06 1.288E+07 1.830E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 409)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        22        16        59        16        22        55        22        16
 X MAXIMUM   9.041E+02 1.873E+04 4.503E+04 1.248E+06 1.104E+07 5.459E+06 9.041E+02 1.873E+04 4.503E+04 1.248E+06 2.158E+07 9.843E+06
 Y                122        16        22        55       122       122       122        16        22        55        22       122
 Y MAXIMUM   6.662E+04 3.877E+03 3.951E+03 3.258E+05 1.395E+06 5.239E+06 6.662E+04 3.877E+03 3.951E+03 3.258E+05 1.894E+06 5.935E+06
 Z                 59        16        16        55        16        16        59        16        16        55        16        16
 Z MAXIMUM   2.470E+03 4.766E+04 1.210E+04 7.822E+05 3.471E+06 1.389E+07 2.470E+03 4.766E+04 1.210E+04 7.822E+05 6.302E+06 2.504E+07
 GRAND TOTAL 6.750E+04 5.454E+04 5.019E+04 2.419E+06 1.288E+07 1.830E+07 6.750E+04 5.454E+04 5.019E+04 2.419E+06 2.442E+07 3.023E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 410)

                PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        16        22        22        22        16        17        16        22        22        22        16
 X MAXIMUM   1.123E-10 1.422E-11 2.967E-11 8.544E-09 5.290E-08 2.204E-08 1.123E-10 1.422E-11 2.967E-11 8.544E-09 3.368E-08 1.626E-08
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 Y                 12       122        12        25        12       122        12       122        12        25        12       122
 Y MAXIMUM   4.320E-11 2.141E-11 1.190E-11 7.024E-10 1.070E-08 1.470E-08 4.320E-11 2.141E-11 1.190E-11 7.024E-10 5.414E-09 1.511E-08
 Z                 16        16        16        16        16        16        16        16        16        16        16        16
 Z MAXIMUM   2.265E-10 2.084E-11 4.251E-11 2.821E-09 9.835E-08 5.331E-08 2.265E-10 2.084E-11 4.251E-11 2.821E-09 4.467E-08 3.496E-08
 GRAND TOTAL 2.796E-10 3.377E-11 7.784E-11 9.498E-09 1.360E-07 6.017E-08 2.796E-10 3.377E-11 7.784E-11 9.498E-09 6.198E-08 4.173E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 411)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 22        22        16        22        16        22        22        22        16        22        17        22
 X MAXIMUM   4.187E-10 1.927E-11 1.768E-11 6.200E-09 2.710E-08 1.204E-08 4.187E-10 1.927E-11 1.768E-11 6.200E-09 1.160E-08 8.120E-09
 Y                 25       122        16       122        16       122        25       122        16       122        25       122
 Y MAXIMUM   7.965E-11 1.143E-11 7.700E-12 5.592E-10 5.463E-09 7.072E-09 7.965E-11 1.143E-11 7.700E-12 5.592E-10 1.297E-09 6.550E-09
 Z                 25        16        16        16        16        16        25        16        16        16        16        22
 Z MAXIMUM   1.424E-10 6.555E-12 5.341E-11 3.276E-09 4.050E-08 5.153E-09 1.424E-10 6.555E-12 5.341E-11 3.276E-09 1.775E-08 3.026E-09
 GRAND TOTAL 5.191E-10 2.492E-11 5.768E-11 7.285E-09 5.158E-08 1.677E-08 5.191E-10 2.492E-11 5.768E-11 7.285E-09 2.328E-08 1.217E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 412)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 17        22        22        22        16        16        17        22        22        22        17        22
 X MAXIMUM   1.694E-10 4.817E-12 2.521E-11 2.193E-09 3.423E-08 1.649E-08 1.694E-10 4.817E-12 2.521E-11 2.193E-09 6.344E-09 3.185E-09
 Y                 12       122        16       122        16       122        12       122        16       122        14       122
 Y MAXIMUM   3.478E-11 1.302E-11 4.945E-12 4.267E-10 6.673E-09 1.039E-08 3.478E-11 1.302E-11 4.945E-12 4.267E-10 1.048E-09 5.911E-09
 Z                 16        16        16        16        16        16        16        16        16        16        14        16
 Z MAXIMUM   2.991E-10 1.053E-11 6.397E-11 3.855E-09 8.494E-08 3.510E-08 2.991E-10 1.053E-11 6.397E-11 3.855E-09 1.219E-08 7.419E-09
 GRAND TOTAL 3.869E-10 1.913E-11 8.039E-11 4.881E-09 9.970E-08 4.081E-08 3.869E-10 1.913E-11 8.039E-11 4.881E-09 1.688E-08 1.173E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 413)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 22        22        16        22        16        22        22        22        16        22        16        22
 X MAXIMUM   6.997E-10 1.921E-11 2.721E-11 6.200E-09 4.215E-08 8.116E-09 6.997E-10 1.921E-11 2.721E-11 6.200E-09 1.530E-08 7.654E-09
 Y                 22       122        16       122        16       122        22       122        16       122        16       122
 Y MAXIMUM   6.906E-11 7.605E-12 6.073E-12 6.305E-10 9.106E-09 6.073E-09 6.906E-11 7.605E-12 6.073E-12 6.305E-10 3.337E-09 3.229E-09
 Z                 16        25        16        16        16        16        16        25        16        16        16        22
 Z MAXIMUM   2.003E-10 6.418E-12 6.250E-11 3.276E-09 9.113E-08 5.277E-09 2.003E-10 6.418E-12 6.250E-11 3.276E-09 1.156E-08 3.026E-09
 GRAND TOTAL 7.595E-10 2.689E-11 6.914E-11 7.291E-09 1.031E-07 1.469E-08 7.595E-10 2.689E-11 6.914E-11 7.291E-09 2.182E-08 1.047E-08
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 414)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        22        16        59        16        22        55        22        16
 X MAXIMUM   9.971E+02 2.773E+04 7.064E+04 1.248E+06 2.158E+07 9.843E+06 9.971E+02 2.773E+04 7.064E+04 1.248E+06 7.456E+07 3.064E+07
 Y                122        16        22        55        22       122       122        16        22        55        22        16
 Y MAXIMUM   1.201E+05 5.738E+03 6.199E+03 3.258E+05 1.894E+06 5.935E+06 1.201E+05 5.738E+03 6.199E+03 3.258E+05 6.543E+06 6.340E+06
 Z                 59        16        16        55        16        16        59        16        16        55        16        16
 Z MAXIMUM   2.724E+03 7.054E+04 1.789E+04 7.822E+05 6.302E+06 2.504E+07 2.724E+03 7.054E+04 1.789E+04 7.822E+05 1.972E+07 7.795E+07
 GRAND TOTAL 1.214E+05 8.086E+04 7.839E+04 2.419E+06 2.442E+07 3.023E+07 1.214E+05 8.086E+04 7.839E+04 2.419E+06 8.294E+07 8.957E+07
0ELEMENT TYPE (3/D   P I P E           )   / / /   ELEMENT NUMBER ( 415)

               PX(I)     VY(I)     VZ(I)     TX(I)     MY(I)     MZ(I)     PX(J)     VY(J)     VZ(J)     TX(J)     MY(J)     MZ(J)
 X                 59        16        22        55        22        16        59        16        22        55        22        16
 X MAXIMUM   1.128E+03 3.411E+04 8.893E+04 1.248E+06 7.456E+07 3.064E+07 1.128E+03 3.411E+04 8.893E+04 1.248E+06 1.413E+08 5.622E+07
 Y                122       122        22        55        22        16       122       122        22        55        22        16
 Y MAXIMUM   1.975E+05 9.047E+03 7.803E+03 3.258E+05 6.543E+06 6.340E+06 1.975E+05 9.047E+03 7.803E+03 3.258E+05 1.240E+07 1.164E+07
 Z                 59        16        22        55        16        16        59        16        22        55        16        16
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Z MAXIMUM	3.080E+03	8.679E+04	2.223E+04	7.822E+05	1.972E+07	7.795E+07	3.080E+03	8.679E+04	2.223E+04	7.822E+05	3.623E+07	1.430E+08
GRAND TOTAL	1.995E+05	1.003E+05	9.876E+04	2.419E+06	8.294E+07	8.957E+07	1.995E+05	1.003E+05	9.876E+04	2.419E+06	1.567E+08	1.639E+08

S U M M A R Y O F S U P P O R T F O R C E S/M O M E N T S I N G L O B A L / L O C A L S Y S T E M S

BDRY= BOUNDARY ELEMENTS (SPRING)
THAM= THERMAL ANCHOR MOTION
SEAM= SEISMIC ANCHOR MOTION
SNBR= SNUBBER ELEMENT

KIND OF SUPPORT	NODE NUMBER	GLOBAL COMPONENTS FX	FY	FZ	MX	MY	MZ	LOCAL COMPONENTS FL	ML
BDRY	2	171085.	0.	0.	0.	0.	0.	171085.	0.
BDRY	2	0.	67922.	0.	0.	0.	0.	67922.	0.
BDRY	2	0.	0.	11133.	0.	0.	0.	11133.	0.
BDRY	2	0.	0.	0.	107336744.	0.	0.	0.	107336744.
BDRY	2	0.	0.	0.	0.	42469115.	0.	0.	42469115.
BDRY	2	0.	0.	0.	0.	0.	97971428.	0.	97971428.
BDRY	223	146916.	0.	0.	0.	0.	0.	146916.	0.
BDRY	223	0.	33188.	0.	0.	0.	0.	33188.	0.
BDRY	223	0.	0.	12349.	0.	0.	0.	12349.	0.
BDRY	223	0.	0.	0.	80142178.	0.	0.	0.	80142178.
BDRY	223	0.	0.	0.	0.	38438153.	0.	0.	38438153.
BDRY	223	0.	0.	0.	0.	0.	61957731.	0.	61957731.
BDRY	277	88639.	0.	0.	0.	0.	0.	88639.	0.
BDRY	277	0.	186692.	0.	0.	0.	0.	186692.	0.
BDRY	277	0.	0.	97434.	0.	0.	0.	97434.	0.
BDRY	277	0.	0.	0.	158324063.	0.	0.	0.	158324063.
BDRY	277	0.	0.	0.	0.	2498380.	0.	0.	2498380.
BDRY	277	0.	0.	0.	0.	0.	138911682.	0.	138911682.
BDRY	335	85329.	0.	0.	0.	0.	0.	85329.	0.
BDRY	335	0.	303787.	0.	0.	0.	0.	303787.	0.
BDRY	335	0.	0.	91139.	0.	0.	0.	91139.	0.
BDRY	335	0.	0.	0.	139527783.	0.	0.	0.	139527783.
BDRY	335	0.	0.	0.	0.	6500732.	0.	0.	6500732.
BDRY	335	0.	0.	0.	0.	0.	127546729.	0.	127546729.
BDRY	388	89292.	0.	0.	0.	0.	0.	89292.	0.
BDRY	388	0.	230721.	0.	0.	0.	0.	230721.	0.
BDRY	388	0.	0.	98707.	0.	0.	0.	98707.	0.
BDRY	388	0.	0.	0.	152224009.	0.	0.	0.	152224009.
BDRY	388	0.	0.	0.	0.	6780217.	0.	0.	6780217.
BDRY	388	0.	0.	0.	0.	0.	133566479.	0.	133566479.
BDRY	448	99911.	0.	0.	0.	0.	0.	99911.	0.
BDRY	448	0.	235091.	0.	0.	0.	0.	235091.	0.
BDRY	448	0.	0.	101495.	0.	0.	0.	101495.	0.
BDRY	448	0.	0.	0.	163913968.	0.	0.	0.	163913968.
BDRY	448	0.	0.	0.	0.	2419128.	0.	0.	2419128.

BDRY	448	0.	0.	0.	0.	0.156728469.		0.156728469.	
BDRY	135	110075.	0.	0.	0.	0.	0.	110075.	0.
BDRY	135	0.	259674.	0.	0.	0.	0.	259674.	0.
BDRY	135	0.	0.	93516.	0.	0.	0.	93516.	0.
BDRY	135	0.	0.	0.146254413.		0.	0.	0.146254413.	
BDRY	135	0.	0.	0.	0.	3143013.	0.	0.	3143013.
BDRY	135	0.	0.	0.	0.	0.177774349.		0.177774349.	
BDRY	47	155633.	0.	0.	0.	0.	0.	155633.	0.
BDRY	47	0.	136736.	0.	0.	0.	0.	136736.	0.
BDRY	47	0.	0.	96531.	0.	0.	0.	96531.	0.
BDRY	47	0.	0.	0.293250044.		0.	0.	0.293250044.	
BDRY	47	0.	0.	0.	0.368929644.		0.	0.368929644.	
BDRY	47	0.	0.	0.	0.	0.136568805.		0.136568805.	
BDRY	198	167196.	0.	0.	0.	0.	0.	167196.	0.
BDRY	198	0.	127910.	0.	0.	0.	0.	127910.	0.
BDRY	198	0.	0.	96426.	0.	0.	0.	96426.	0.
BDRY	198	0.	0.	0.273310346.		0.	0.	0.273310346.	
BDRY	198	0.	0.	0.	0.417771569.		0.	0.417771569.	
BDRY	198	0.	0.	0.	0.	0.134413823.		0.134413823.	
BDRY	4	0.	90650.	0.	0.	0.	0.	90650.	0.
BDRY	4	0.	0.	85040.	0.	0.	0.	85040.	0.
BDRY	22	0.	180994.	0.	0.	0.	0.	180994.	0.
BDRY	22	0.	0.	188095.	0.	0.	0.	188095.	0.
BDRY	220	0.	90039.	0.	0.	0.	0.	90039.	0.
BDRY	220	0.	0.	71808.	0.	0.	0.	71808.	0.
BDRY	202	0.	207688.	0.	0.	0.	0.	207688.	0.
BDRY	202	0.	0.	140379.	0.	0.	0.	140379.	0.
BDRY	111	13059.	0.	0.	0.	0.	0.	13059.	0.
BDRY	111	0.	0.	11684.	0.	0.	0.	11684.	0.
BDRY	117	1679.	0.	6279.	0.	0.	0.	6500.	0.
BDRY	253	6388.	0.	0.	0.	0.	0.	6388.	0.
BDRY	253	0.	0.	15151.	0.	0.	0.	15151.	0.
BDRY	259	4947.	0.	1323.	0.	0.	0.	5120.	0.
BDRY	311	11427.	0.	0.	0.	0.	0.	11427.	0.
BDRY	311	0.	0.	28305.	0.	0.	0.	28305.	0.
BDRY	313	7672.	0.	0.	0.	0.	0.	7672.	0.
BDRY	313	0.	0.	17313.	0.	0.	0.	17313.	0.
BDRY	320	5091.	0.	1364.	0.	0.	0.	5271.	0.
BDRY	373	5480.	0.	1468.	0.	0.	0.	5674.	0.
BDRY	417	0.	23203.	0.	0.	0.	0.	23203.	0.
BDRY	422	26577.	0.	0.	0.	0.	0.	26577.	0.
BDRY	422	0.	0.	14541.	0.	0.	0.	14541.	0.
BDRY	424	14281.	0.	0.	0.	0.	0.	14281.	0.
BDRY	424	0.	0.	9133.	0.	0.	0.	9133.	0.
BDRY	430	3808.	0.	1018.	0.	0.	0.	3941.	0.
SNBR	405	0.	31558.	0.	0.	0.	0.	31558.	0.
SNBR	349	0.	36513.	0.	0.	0.	0.	36513.	0.
SNBR	349	0.	0.	18215.	0.	0.	0.	18215.	0.
SNBR	417	0.	0.	22303.	0.	0.	0.	22303.	0.
SNBR	359	29440.	0.	0.	0.	0.	0.	29440.	0.
SNBR	137	50375.	0.	0.	0.	0.	0.	50375.	0.
SNBR	137	0.	19706.	0.	0.	0.	0.	19706.	0.
SNBR	142	0.	29276.	0.	0.	0.	0.	29276.	0.

SNBR	65	0.	43852.	0.	0.	0.	0.	43852.	0.
SNBR	366	11862.	0.	0.	0.	0.	0.	11862.	0.
SNBR	366	0.	0.	19465.	0.	0.	0.	19465.	0.
SNBR	294	24675.	0.	0.	0.	0.	0.	24675.	0.
SNBR	294	0.	20628.	0.	0.	0.	0.	20628.	0.
SNBR	303	0.	19364.	0.	0.	0.	0.	19364.	0.
SNBR	235	31445.	0.	0.	0.	0.	0.	31445.	0.
SNBR	237	0.	29422.	0.	0.	0.	0.	29422.	0.
SNBR	237	0.	0.	20614.	0.	0.	0.	20614.	0.
SNBR	246	0.	38455.	0.	0.	0.	0.	38455.	0.
SNBR	98	0.	28496.	0.	0.	0.	0.	28496.	0.
SNBR	98	0.	0.	28475.	0.	0.	0.	28475.	0.