

TABLE: JOINT REACTIONS								
Joint	OutputCase	CaseType	F1	F2	F3	M1	M2	M3
Text	Text	Text	KN	KN	KN	KN-m	KN-m	KN-m
1	DEAD	LinStatic	5.3620	16.3580	577.0170	29.4622	-27.9549	0.7225
1	BT=1.2DL+1.2SDL+1.6LL	Combination	11.7600	36.4240	917.6230	17.8870	-30.9149	1.3775
1	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	3.5380	45.7680	857.3090	-16.6556	-45.3856	0.1299
2	DEAD	LinStatic	11.6610	8.5520	476.0060	40.2597	-46.8538	0.9039
2	BT=1.2DL+1.2SDL+1.6LL	Combination	22.1150	18.0690	708.9810	40.0414	-48.3859	1.8816
2	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	11.6660	41.3490	728.2710	-20.2014	-73.8868	-0.1850
3	DEAD	LinStatic	-26.7910	27.5700	1301.8390	26.5363	64.8109	0.5721
3	BT=1.2DL+1.2SDL+1.6LL	Combination	-67.3810	73.2860	2399.2960	-7.0171	41.7611	1.4154
3	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-52.9250	70.7140	2021.9360	-30.3880	49.1227	1.1957
4	DEAD	LinStatic	23.5220	6.6650	813.4760	10.4769	-26.1580	-0.6312
4	BT=1.2DL+1.2SDL+1.6LL	Combination	57.3720	16.3340	1457.2110	3.7889	-1.7055	-1.5790
4	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	32.6810	45.0460	1167.1990	-61.1971	-39.3811	-2.8426
5	DEAD	LinStatic	-9.6820	16.4260	1244.9910	-16.5373	50.4133	0.6236
5	BT=1.2DL+1.2SDL+1.6LL	Combination	-23.6720	46.5690	2285.7310	-47.0103	49.3581	1.5618
5	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-27.0460	57.3280	1954.6910	-91.5303	33.7401	0.9392
6	DEAD	LinStatic	0.7570	20.9900	962.6450	12.1312	0.9941	-0.0119
6	BT=1.2DL+1.2SDL+1.6LL	Combination	1.3740	54.7760	1774.6460	-15.1178	1.3913	-0.0303
6	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.0820	62.8170	1526.1670	-55.9399	-18.8083	-0.5604
7	DEAD	LinStatic	0.1940	21.0930	967.2540	11.9533	0.3274	-0.0046
7	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.1580	55.0250	1784.9270	-15.5168	-0.3146	-0.0205
7	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.5010	62.1730	1529.1470	-54.2079	-18.7295	-0.5088
8	DEAD	LinStatic	-0.0380	21.1550	971.9990	11.9036	-0.2179	-0.0024
8	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.5200	55.1690	1796.0690	-15.5950	-1.4064	-0.0117
8	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.3460	61.5620	1535.2040	-52.5151	-18.5656	-0.4725
9	DEAD	LinStatic	-3.1210	22.1680	919.6540	31.8068	-7.1678	-0.4551
9	BT=1.2DL+1.2SDL+1.6LL	Combination	-9.4330	55.9810	1654.4360	9.1752	-15.2357	-1.1558
9	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-12.4830	62.2050	1444.2790	-27.0551	-27.0579	-1.1263
10	DEAD	LinStatic	3.0790	22.0250	919.2200	32.0460	6.9420	0.4497
10	BT=1.2DL+1.2SDL+1.6LL	Combination	9.1770	55.4310	1653.9130	10.1450	14.3346	1.1320
10	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-1.2650	60.5050	1433.4410	-22.2236	-4.4766	0.2210
11	DEAD	LinStatic	-0.5230	20.8360	958.6590	12.4643	-0.2715	-0.0050
11	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.4790	54.0890	1764.9390	-13.6819	-0.5687	-0.0238
11	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.3270	59.9120	1506.6930	-43.9331	-14.6041	-0.3570
12	DEAD	LinStatic	18.0090	17.8560	1308.5590	-15.0700	-25.7549	-0.8811
12	BT=1.2DL+1.2SDL+1.6LL	Combination	48.5850	48.4550	2496.9370	-45.4592	-5.2654	-2.1927
12	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	25.0850	57.0310	2036.9360	-79.0978	-35.4352	-1.9414
13	DEAD	LinStatic	-19.9160	40.7240	1297.6330	60.2886	53.9173	-0.9922
13	BT=1.2DL+1.2SDL+1.6LL	Combination	-54.4240	109.7990	2463.8240	11.0893	30.2573	-2.7743
13	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-40.6970	94.1690	2038.6330	1.9453	38.9005	-1.8193
14	DEAD	LinStatic	-3.5330	4.5980	799.8720	-16.2816	-0.1815	-0.5241
14	BT=1.2DL+1.2SDL+1.6LL	Combination	-9.0220	9.8070	1380.9510	-24.5592	-5.2100	-1.3989
14	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-12.0700	30.5640	1262.7170	-73.3107	-16.6139	-1.2596
15	DEAD	LinStatic	-0.0920	7.7450	726.3570	1.2066	-0.2128	-0.0079
15	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.3450	16.5740	1216.2580	-6.3569	-0.7504	-0.0259
15	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.0120	35.3800	1138.0590	-52.6834	-15.5088	-0.4001
16	DEAD	LinStatic	3.3490	6.6100	807.5980	-16.3179	-0.2159	0.5120
16	BT=1.2DL+1.2SDL+1.6LL	Combination	8.3410	9.6940	1398.7920	-24.3530	3.8020	1.3575
16	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-1.5530	30.2240	1266.4310	-71.6178	-13.9284	0.5692
17	DEAD	LinStatic	27.6870	-1.3580	987.0610	-3.9041	-22.0158	0.1919
17	BT=1.2DL+1.2SDL+1.6LL	Combination	73.6550	-3.4990	1811.0360	-3.2879	14.4440	0.4588
17	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	44.1200	29.4380	1494.9120	-72.4091	-25.9913	-1.2396
18	DEAD	LinStatic	-0.7260	-4.1930	1738.2230	-1.2312	0.2281	-0.0112
18	BT=1.2DL+1.2SDL+1.6LL	Combination	-3.8880	-10.9110	3502.1250	3.7375	-2.1547	-0.0422
18	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-11.4690	24.7090	2784.2060	-65.1638	-19.9699	-0.2556
19	DEAD	LinStatic	0.8790	-4.5050	1703.7410	-0.8016	1.3423	-0.0108
19	BT=1.2DL+1.2SDL+1.6LL	Combination	1.6240	-11.7810	3402.0960	4.9971	2.2102	-0.0325
19	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.3780	22.9400	2709.9300	-61.7675	-16.2803	-0.2043
20	DEAD	LinStatic	0.5360	-3.9620	1736.1110	-1.3739	0.7491	-0.0074
20	BT=1.2DL+1.2SDL+1.6LL	Combination	0.7290	-10.7800	3482.3270	3.9773	0.8026	-0.0228
20	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.5230	22.4250	2786.6060	-60.0911	-16.3893	-0.1709
21	DEAD	LinStatic	0.0990	-4.0400	1740.9290	-1.2705	0.2196	-0.0253
21	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.1790	-11.0330	3493.5130	4.3121	-0.2861	-0.0689
21	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.9160	21.3430	2794.5010	-57.9526	-16.5655	-0.1808
22	DEAD	LinStatic	-1.1830	-3.8810	1678.3110	-1.0986	-1.1334	-0.0279
22	BT=1.2DL+1.2SDL+1.6LL	Combination	-3.8470	-9.5760	3333.9540	3.6919	-4.0457	-0.0791
22	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-10.2430	21.6220	2660.3510	-56.8096	-18.7088	-0.1812
23	DEAD	LinStatic	-1.6970	9.1100	1407.6330	9.7348	-1.5911	0.0954
23	BT=1.2DL+1.2SDL+1.6LL	Combination	-5.0330	24.4560	2721.4310	-1.5748	-4.8739	0.3150
23	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-10.7090	45.6880	2148.4990	-51.0004	-18.6393	0.1225
24	DEAD	LinStatic	0.0770	10.0460	1402.0260	8.8465	-0.0719	-0.0003
24	BT=1.2DL+1.2SDL+1.6LL	Combination	0.0910	26.6190	2705.6110	-3.5283	-0.3585	-0.0072
24	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.7760	46.5510	2153.9790	-51.1014	-14.8159	-0.0822
25	DEAD	LinStatic	1.3120	9.5300	1428.3750	9.2914	1.0190	-0.0982
25	BT=1.2DL+1.2SDL+1.6LL	Combination	3.8780	25.0500	2775.7880	-2.0599	3.0899	-0.3314
25	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.8870	44.7810	2209.5030	-48.7220	-11.9117	-0.3059
26	DEAD	LinStatic	1.0460	-4.0630	1678.2460	-0.8148	0.7836	0.0318
26	BT=1.2DL+1.2SDL+1.6LL	Combination	3.3260	-10.2810	3333.7080	4.8402	2.8339	0.0819
26	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.2380	18.4570	2664.2210	-50.5197	-11.9322	-0.0062
27	DEAD	LinStatic	-0.7630	-4.7860	1709.6900	-0.3593	-1.1281	0.0394
27	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.5640	-12.8580	3412.0620	6.7417	-2.1927	0.1008
27	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.6240	16.2740	2722.4180	-48.2118	-15.3525	-0.0015
28	DEAD	LinStatic	-1.0730	-5.6850	1623.8860	0.4032	-1.5482	-0.0343
28	BT=1.2DL+1.2SDL+1.6LL	Combination	-2.5160	-14.3020	3231.2800	7.9061	-3.2608	-0.0936
28	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.2720	14.2320	2584.2020	-45.8524	-16.0417	-0.1278

29	DEAD	LinStatic	10.6390	-7.3180	1728.8970	-37.1537	-21.2877	-0.4267
29	BT=1.2DL+1.2SDL+1.6LL	Combination	26.9820	-22.0070	3570.0450	-29.8634	-11.7984	-1.1653
29	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	13.7470	9.9670	2827.2570	-87.4159	-31.9043	-0.7861
30	DEAD	LinStatic	-14.8910	13.4440	974.4640	56.0216	48.6081	-1.3909
30	BT=1.2DL+1.2SDL+1.6LL	Combination	-40.9420	34.6940	1699.3170	48.6536	32.8074	-3.7575
30	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-30.8940	43.1790	1484.0460	15.8777	37.1309	-2.5565
31	DEAD	LinStatic	-11.7430	26.1810	1204.7460	39.6084	14.0285	0.3569
31	BT=1.2DL+1.2SDL+1.6LL	Combination	-28.7390	68.2430	2105.9930	12.6620	1.1498	0.8624
31	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-25.5560	66.4330	1825.9030	-10.3526	-2.2242	0.8416
32	DEAD	LinStatic	25.9970	-0.0460	954.2020	0.0987	-24.9561	0.0009
32	BT=1.2DL+1.2SDL+1.6LL	Combination	69.2870	0.1100	1736.6880	-0.1027	7.5181	-0.0053
32	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	41.8370	32.2380	1439.4170	-68.6015	-28.9627	-1.5218
33	DEAD	LinStatic	-2.2710	0.2300	874.9410	-0.3009	-1.7233	0.0052
33	BT=1.2DL+1.2SDL+1.6LL	Combination	-6.7970	0.7520	1781.4450	-0.9621	-5.8766	0.0059
33	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-12.4670	31.8480	1411.4300	-66.0913	-20.4065	-0.2085
34	DEAD	LinStatic	0.9700	0.2190	854.6180	-0.2791	1.4932	-0.0032
34	BT=1.2DL+1.2SDL+1.6LL	Combination	1.7930	0.6680	1732.2200	-0.8056	2.5529	-0.0129
34	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.0350	30.5480	1373.0840	-63.2928	-13.7487	-0.1928
35	DEAD	LinStatic	1.6680	0.1880	1076.0960	-0.2094	1.8438	-0.0059
35	BT=1.2DL+1.2SDL+1.6LL	Combination	3.1750	0.5440	2146.2770	-0.5647	3.2172	-0.0189
35	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.7970	30.3780	1714.4100	-61.5597	-12.7459	-0.1737
36	DEAD	LinStatic	-0.9230	0.1260	1076.1740	-0.0944	-0.5736	-0.0086
36	BT=1.2DL+1.2SDL+1.6LL	Combination	-2.2550	0.3590	2146.2430	-0.2262	-1.7424	-0.0266
36	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.8750	29.3520	1720.2260	-59.4323	-16.2310	-0.1537
37	DEAD	LinStatic	0.1900	-0.0400	857.4830	0.1232	0.2301	0.0064
37	BT=1.2DL+1.2SDL+1.6LL	Combination	0.3820	-0.2090	1739.5050	0.4868	0.2668	0.0088
37	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.3870	27.3230	1379.4660	-56.6939	-14.0808	-0.1170
38	DEAD	LinStatic	0.2700	-0.0076	866.1120	-0.3124	0.3508	0.0113
38	BT=1.2DL+1.2SDL+1.6LL	Combination	0.3900	-0.6640	1761.2430	0.0009	0.3953	0.0255
38	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.1220	26.3880	1393.4150	-55.5541	-13.5191	-0.0926
39	DEAD	LinStatic	1.1380	-0.1030	1093.3490	-0.1920	0.8739	-0.0029
39	BT=1.2DL+1.2SDL+1.6LL	Combination	2.2920	-0.9800	2188.2530	0.3969	1.5944	-0.0123
39	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.6420	26.4320	1744.1760	-54.5665	-12.3553	-0.1056
40	DEAD	LinStatic	-1.6240	-0.0860	1091.3570	-0.1596	-1.7264	-0.0118
40	BT=1.2DL+1.2SDL+1.6LL	Combination	-3.6040	-1.0320	2183.8570	0.6809	-3.8507	-0.0370
40	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-9.1430	25.7500	1746.4710	-53.0707	-16.3621	-0.1081
41	DEAD	LinStatic	-0.4830	-0.1600	857.3640	-0.3214	-0.9167	-0.0066
41	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.0040	-0.7580	1738.9210	1.4396	-1.9063	-0.0128
41	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.7710	24.4590	1379.1710	-50.7204	-14.4662	-0.0823
42	DEAD	LinStatic	-1.2410	-0.0450	856.8480	0.1571	-1.6354	0.0050
42	BT=1.2DL+1.2SDL+1.6LL	Combination	-2.7930	-0.3400	1738.3740	0.9104	-3.5618	0.0155
42	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-8.1170	24.2300	1378.3160	-50.0146	-15.6204	-0.0606
43	DEAD	LinStatic	1.3320	1.1080	779.9630	-0.6866	0.3904	-0.0184
43	BT=1.2DL+1.2SDL+1.6LL	Combination	3.9600	2.2730	1549.7050	-0.9525	1.8925	-0.0430
43	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.0510	25.8770	1233.4580	-50.5580	-11.5150	-0.0866
44	DEAD	LinStatic	-2.3270	0.8770	786.4030	0.1895	-2.1389	-0.0519
44	BT=1.2DL+1.2SDL+1.6LL	Combination	-8.7160	3.3420	1554.8200	-0.2712	-7.8200	-0.1301
44	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-11.6040	25.7540	1241.4670	-48.8068	-17.8733	-0.1633
45	DEAD	LinStatic	-4.7370	-29.7200	2021.0390	-61.3556	-75.4226	0.0750
45	BT=1.2DL+1.2SDL+1.6LL	Combination	-7.1180	-78.1710	4155.0880	-31.4677	-91.8588	0.2372
45	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-12.2380	-31.4370	3313.9030	-102.5268	-103.8475	0.1798
46	DEAD	LinStatic	-4.2540	-0.4580	1463.0180	-8.5122	8.1411	0.0321
46	BT=1.2DL+1.2SDL+1.6LL	Combination	-12.8310	-0.4840	2926.7140	-10.1113	1.9652	0.2184
46	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-15.9770	23.4050	2329.6510	-58.0450	-8.0417	0.0326
47	DEAD	LinStatic	-17.2040	9.9930	860.3390	-2.2494	43.1882	0.1508
47	BT=1.2DL+1.2SDL+1.6LL	Combination	-39.4580	26.8860	1489.1580	-17.1232	32.7887	0.5368
47	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-34.3640	33.4690	1302.0270	-46.7192	30.9240	0.4986
48	DEAD	LinStatic	-8.7530	0.6430	426.5590	7.1169	19.2048	-0.2279
48	BT=1.2DL+1.2SDL+1.6LL	Combination	-18.8130	1.1590	647.4960	9.9603	14.9081	-0.4606
48	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-19.9750	16.0970	609.6320	-28.8437	6.7490	0.8708
49	DEAD	LinStatic	27.0260	-0.4220	962.1870	0.8658	-22.7915	0.0319
49	BT=1.2DL+1.2SDL+1.6LL	Combination	71.6020	-0.5220	1752.6530	1.4428	12.2311	0.0711
49	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	44.7020	32.3350	1456.0080	-68.2796	-22.8463	-1.5113
50	DEAD	LinStatic	-0.8340	1.8300	1695.3810	-1.6048	0.0413	0.0092
50	BT=1.2DL+1.2SDL+1.6LL	Combination	-3.8680	4.4210	3392.2200	-3.9351	-2.2494	0.0238
50	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-9.1780	36.4170	2752.9430	-69.9824	-15.2180	-0.2076
51	DEAD	LinStatic	0.8650	2.0540	1655.5070	-1.9256	1.3500	-0.0010
51	BT=1.2DL+1.2SDL+1.6LL	Combination	1.6850	4.9480	3287.3040	-4.6647	2.4064	-0.0051
51	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.3390	35.4930	2673.4230	-67.7773	-11.8907	-0.1901
52	DEAD	LinStatic	0.6740	1.4420	1688.7210	-1.2205	0.9818	-0.0056
52	BT=1.2DL+1.2SDL+1.6LL	Combination	1.1950	3.7150	3365.7870	-3.2139	1.5803	-0.0166
52	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.5100	33.1100	2719.6880	-64.0462	-12.2145	-0.1700
53	DEAD	LinStatic	0.1280	1.3790	1689.3850	-1.1046	0.3739	-0.0006
53	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.0400	3.5170	3367.2830	-2.8617	0.2693	-0.0066
53	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.3030	32.0490	2721.7550	-61.8797	-12.9653	-0.1382
54	DEAD	LinStatic	0.1680	1.9530	1658.2220	-1.7573	0.2545	0.0085
54	BT=1.2DL+1.2SDL+1.6LL	Combination	0.1530	4.5910	3289.3500	-4.0492	0.1505	0.0155
54	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.0320	32.4440	2674.1570	-61.4797	-12.8257	-0.1099
55	DEAD	LinStatic	0.0240	2.2360	1660.2610	-2.2324	0.0064	0.0086
55	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.1090	5.2870	3293.7950	-5.1641	-0.2733	0.0175
55	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.1190	32.1460	2675.8550	-60.6473	-12.9392	-0.0977
56	DEAD	LinStatic	0.0990	1.6870	1691.7300	-1.6266	-0.0537	-0.0098
56	BT=1.2DL+1.2SDL+1.6LL	Combination	0.1870	4.2190	3372.8650	-3.9711	-0.2280	-0.0271
56	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.8080	30.3010	2723.1100	-57.9821	-12.7312	-0.1182
57	DEAD	LinStatic	-0.4430	1.6340	1694.0770	-1.4723	-0.6342	-0.0140
57	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.0890	3.7960	3376.7990	-3.1831	-1.5427	-0.0447
57	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.6840	29.4310	2727.0950	-56.2094	-13.5652	-0.1162
58	DEAD	LinStatic	-0.4020	1.8210	1657.5080	-1.6510	-0.7446	-0.0143
58	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.8350	3.8340	3291.6640	-3.1213	-1.5811	-0.0291
58	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.4660	29.1870	2671.1740	-55.3201	-13.5168	-0.1018
59	DEAD	LinStatic	-1.1940	1.6570	1660.8560	-1.4295	-1.5786	-0.0101
59	BT=1.2DL+1.2SDL+1.6LL	Combination	-2.7060	3.5330	3299.5580	-2.6869	-3.4762	-0.0236
59	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-7.8280	28.4370	2676.0250	-53.9228	-14.8513	-0.0914
60	DEAD	LinStatic	0.6050	0.8570	1504.0040	-0.7307	-0.2235	0.0177
60	BT=1.2DL+1.2SDL+1.6LL	Combination	2.1730	1.5010	2944.3840	-0.8944	0.4030	0.0244
60	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.3040	26.5100	2401.2730	-51.6856	-12.0601	-0.0236

61	DEAD	LinStatic	-2.0420	0.1450	1424.1730	0.1271	-2.3993	-0.0467
61	BT=1.2DL+1.2SDL+1.6LL	Combination	-4.6050	-0.2680	2861.4280	1.2903	-5.0665	-0.0921
61	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-9.3110	24.6470	2307.7530	-49.1567	-16.1253	-0.1673
62	DEAD	LinStatic	-0.5790	0.7270	1471.9520	0.2013	-1.2538	0.0067
62	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.0470	2.5140	2993.1850	0.0558	-2.2715	0.0191
62	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-6.5200	25.4120	2390.3580	-48.3455	-13.9426	-0.0590
63	DEAD	LinStatic	0.5150	-0.3460	1511.7110	0.7081	-0.2101	0.0147
63	BT=1.2DL+1.2SDL+1.6LL	Combination	2.0140	-0.8860	3082.8530	1.9595	0.6856	0.0516
63	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.4740	22.5870	2457.7840	-46.0137	-11.9921	-0.0529
64	DEAD	LinStatic	-4.3310	-10.9030	1700.1590	-23.2310	-19.3618	0.0895
64	BT=1.2DL+1.2SDL+1.6LL	Combination	-12.9110	-27.3720	3362.8530	-13.2621	-31.5254	0.1804
64	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-15.3760	3.7920	2705.5640	-67.9269	-40.1336	-0.0366
65	DEAD	LinStatic	-15.1330	-9.6200	732.6330	-1.1119	24.2963	-0.2419
65	BT=1.2DL+1.2SDL+1.6LL	Combination	-36.7480	-24.6820	1266.1730	13.5323	10.3209	-0.6158
65	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-35.0990	1.3350	1064.6150	-36.0841	5.7367	0.1439
66	DEAD	LinStatic	16.0550	-10.5210	582.6250	-17.7640	-34.2723	-0.6972
66	BT=1.2DL+1.2SDL+1.6LL	Combination	38.1770	-24.8170	969.3150	-8.8579	-22.0862	-1.4468
66	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	23.4830	8.1320	772.6790	-80.2557	-42.1613	-3.3825
67	DEAD	LinStatic	0.0089	-18.2470	950.8580	-9.8434	0.6936	0.0981
67	BT=1.2DL+1.2SDL+1.6LL	Combination	-1.0530	-46.8820	1736.8740	13.3525	0.0732	0.2626
67	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.8110	-7.5830	1381.3170	-61.1206	-10.9256	0.1632
68	DEAD	LinStatic	0.7290	-17.8410	928.2460	-10.4720	1.1975	-0.0013
68	BT=1.2DL+1.2SDL+1.6LL	Combination	1.3280	-45.7590	1688.0080	11.7072	2.0200	-0.0018
68	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.2670	-7.7610	1343.8700	-59.8710	-9.8688	0.0206
69	DEAD	LinStatic	0.4870	-17.9580	929.8420	-10.2483	0.8388	-0.0075
69	BT=1.2DL+1.2SDL+1.6LL	Combination	0.7930	-46.0910	1691.2660	12.3028	1.2984	-0.0147
69	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.6740	-8.8840	1349.0760	-57.3599	-10.5051	0.0436
70	DEAD	LinStatic	0.3150	-18.0130	930.2960	-10.1438	0.5154	-0.0012
70	BT=1.2DL+1.2SDL+1.6LL	Combination	0.4740	-46.2620	1692.1350	12.6218	0.7023	-0.0023
70	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.9430	-9.6900	1350.9270	-55.4281	-11.0146	0.0764
71	DEAD	LinStatic	0.1290	-17.9200	928.6460	-10.3327	0.1804	0.0132
71	BT=1.2DL+1.2SDL+1.6LL	Combination	0.1090	-46.0790	1688.6210	12.2595	0.0557	0.0299
71	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.1680	-10.0650	1350.0810	-54.2658	-11.4344	0.1127
72	DEAD	LinStatic	0.0370	-17.7480	929.1050	-10.6625	0.0011	0.0158
72	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.0430	-45.7000	1689.7260	11.5391	-0.2402	0.0351
72	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.1790	-10.3680	1352.5790	-53.3635	-11.5312	0.1301
73	DEAD	LinStatic	-0.1100	-17.7760	928.7020	-10.5956	-0.1114	-0.0069
73	BT=1.2DL+1.2SDL+1.6LL	Combination	-0.3400	-45.8150	1688.7690	11.7618	-0.4053	-0.0171
73	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.3410	-11.0410	1353.2260	-51.8889	-11.5679	0.1049
74	DEAD	LinStatic	6.2620	-15.7280	1095.8810	-0.6640	-31.9979	0.3674
74	BT=1.2DL+1.2SDL+1.6LL	Combination	12.2850	-42.7480	1952.8990	23.3456	-34.1549	0.7234
74	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	4.8710	-8.5850	1590.1070	-39.0989	-47.3610	0.2904
75	DEAD	LinStatic	1.1880	-13.8870	1112.3220	-9.7178	0.8742	0.0755
75	BT=1.2DL+1.2SDL+1.6LL	Combination	5.5770	-35.3980	2109.2180	7.0188	4.6982	0.1960
75	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-1.7530	1.7740	1786.6470	-56.6249	-8.3416	0.1090
76	DEAD	LinStatic	0.0140	-12.5680	1169.5760	-9.3008	-0.2211	-0.0052
76	BT=1.2DL+1.2SDL+1.6LL	Combination	0.3810	-32.7880	2265.7900	6.4830	-0.0495	0.0015
76	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.1070	3.3100	1891.1590	-55.5867	-11.4145	-0.0873
77	DEAD	LinStatic	0.0380	-11.1470	1211.2000	-8.5367	-0.2846	-0.0083
77	BT=1.2DL+1.2SDL+1.6LL	Combination	0.7600	-29.5160	2370.1740	6.0189	0.1750	0.0057
77	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.8950	5.2360	1958.2190	-54.3969	-11.3397	-0.0737
78	DEAD	LinStatic	-0.0200	-9.9260	1249.7750	-7.1822	-0.4778	-0.0076
78	BT=1.2DL+1.2SDL+1.6LL	Combination	0.6150	-26.8120	2469.3590	6.7332	-0.2172	0.0166
78	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-5.0010	6.7350	2023.0530	-52.2970	-11.6477	-0.0697
79	DEAD	LinStatic	0.0660	-8.7390	1303.6070	-5.4987	-0.6232	-0.1814
79	BT=1.2DL+1.2SDL+1.6LL	Combination	0.7930	-23.4020	2588.1590	7.0592	-0.5146	-0.4910
79	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.8650	8.5520	2109.8640	-50.1118	-11.8663	-0.4155
80	DEAD	LinStatic	0.0150	-6.2030	1388.0860	-5.1977	-0.8812	-0.0059
80	BT=1.2DL+1.2SDL+1.6LL	Combination	1.2090	-16.3780	2774.6090	3.4053	-0.5469	-0.0169
80	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-4.7270	12.6370	2248.9640	-50.2684	-12.0671	-0.0930
81	DEAD	LinStatic	-15.7620	-5.0770	1138.0990	-2.9979	22.6216	-0.0226
81	BT=1.2DL+1.2SDL+1.6LL	Combination	-41.0300	-13.5530	2186.3220	4.7166	5.0760	0.0488
81	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-34.9910	13.1410	1791.5120	-45.9314	5.0382	-0.2151
82	DEAD	LinStatic	-6.4560	-5.7930	618.1850	17.3988	12.0814	-0.5140
82	BT=1.2DL+1.2SDL+1.6LL	Combination	-14.1280	-15.6460	997.9640	31.5234	6.8854	-1.4514
82	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-19.8010	7.1540	860.6340	-15.3844	-4.3172	-0.4093
89	DEAD	LinStatic	-11.0160	-12.1560	678.8070	-34.5412	4.2784	1.0560
89	BT=1.2DL+1.2SDL+1.6LL	Combination	-26.5000	-27.7450	1106.2340	-27.6006	-8.1734	2.3611
89	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-24.5120	-0.2100	897.3630	-80.1905	-11.9345	2.5350
1053	DEAD	LinStatic	0.8620	-7.8570	633.3600	-6.1267	2.1717	-0.2019
1053	BT=1.2DL+1.2SDL+1.6LL	Combination	4.4990	-17.5050	1019.5310	1.6598	5.3774	-0.4241
1053	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-0.9680	9.0380	775.2640	-52.8323	-5.5320	-0.3750
1054	DEAD	LinStatic	0.3320	-6.1410	667.5640	0.1258	0.2044	-0.1010
1054	BT=1.2DL+1.2SDL+1.6LL	Combination	1.0720	-13.8100	1118.4440	7.4740	0.8727	-0.2317
1054	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.6810	11.4000	866.1350	-45.0749	-9.6899	-0.0701
1055	DEAD	LinStatic	0.4610	-6.5160	695.6980	-1.4832	0.2828	-0.1256
1055	BT=1.2DL+1.2SDL+1.6LL	Combination	1.6290	-14.8100	1185.2300	6.2500	1.3659	-0.3250
1055	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.3050	10.1780	927.8130	-45.7961	-9.3982	-0.1167
1056	DEAD	LinStatic	0.3720	-7.2710	725.4620	-2.8885	0.0909	-0.1310
1056	BT=1.2DL+1.2SDL+1.6LL	Combination	1.4140	-16.9120	1255.2590	6.0365	0.9569	-0.3583
1056	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.4310	8.1400	991.4230	-45.9043	-9.6562	-0.1456
1057	DEAD	LinStatic	0.4490	-8.8280	765.5060	-3.9306	-0.1364	0.1722
1057	BT=1.2DL+1.2SDL+1.6LL	Combination	1.5260	-21.4220	1334.1050	7.3782	0.4504	0.4708
1057	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.3040	4.5020	1063.4710	-45.0127	-9.9368	0.4100
1058	DEAD	LinStatic	0.2120	-10.8790	830.6130	-5.0662	-0.5768	-0.1421
1058	BT=1.2DL+1.2SDL+1.6LL	Combination	1.6430	-27.2620	1470.6350	8.9043	0.1682	-0.3504
1058	BS2=1.2DL+1.2SDL+0.5LL+0.3QEX+QEY	Combination	-3.3000	-0.2640	1181.1480	-43.7754	-10.1526	-0.1986
MAKSIMUM			73.6550	109.7990	4155.0880	60.2886	64.8109	2.5350