

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3919.89	0	3583.83	0	3217.21	0	2850.58	0	2483.96	0	2117.34	0	1750.71	0	1384.09	0	1017.46	0	650.84	0	299.18	0	
1/4		1/4	3915.89	1/4	3576.19	1/4	3209.57	1/4	2842.95	1/4	2476.32	1/4	2109.70	1/4	1743.07	1/4	1376.45	1/4	1009.83	1/4	643.20	1/4	292.11	1/4	1/4
1/2		1/2	3911.89	1/2	3568.56	1/2	3201.93	1/2	2835.31	1/2	2468.68	1/2	2102.06	1/2	1735.44	1/2	1368.81	1/2	1002.19	1/2	635.56	1/2	285.04	1/2	1/2
3/4		3/4	3906.44	3/4	3560.92	3/4	3194.29	3/4	2827.67	3/4	2461.05	3/4	2094.42	3/4	1727.80	3/4	1361.17	3/4	994.55	3/4	627.93	3/4	277.97	3/4	3/4
1		1	3900.98	1	3553.28	1	3186.66	1	2820.03	1	2453.41	1	2086.78	1	1720.16	1	1353.54	1	986.91	1	620.29	1	270.90	1	
1/4		1/4	3895.53	1/4	3545.64	1/4	3179.02	1/4	2812.39	1/4	2445.77	1/4	2079.15	1/4	1712.52	1/4	1345.90	1/4	979.27	1/4	612.80	1/4	264.13	1/4	1/4
1/2		1/2	3890.07	1/2	3538.00	1/2	3171.38	1/2	2804.76	1/2	2438.13	1/2	2071.51	1/2	1704.88	1/2	1338.26	1/2	971.64	1/2	605.31	1/2	257.36	1/2	1/2
3/4		3/4	3884.62	3/4	3530.37	3/4	3163.74	3/4	2797.12	3/4	2430.49	3/4	2063.87	3/4	1697.25	3/4	1330.62	3/4	964.00	3/4	597.82	3/4	250.59	3/4	3/4
2		2	3879.16	2	3522.73	2	3156.10	2	2789.48	2	2422.86	2	2056.23	2	1689.61	2	1322.98	2	956.36	2	590.34	2	243.82	2	
1/4		1/4	3873.71	1/4	3515.09	1/4	3148.47	1/4	2781.84	1/4	2415.22	1/4	2048.59	1/4	1681.97	1/4	1315.35	1/4	948.72	1/4	582.85	1/4	237.05	1/4	1/4
1/2		1/2	3868.25	1/2	3507.45	1/2	3140.83	1/2	2774.20	1/2	2407.58	1/2	2040.96	1/2	1674.33	1/2	1307.71	1/2	941.08	1/2	575.36	1/2	230.28	1/2	1/2
3/4		3/4	3861.34	3/4	3499.81	3/4	3133.19	3/4	2766.57	3/4	2399.94	3/4	2033.32	3/4	1666.69	3/4	1300.07	3/4	933.45	3/4	567.87	3/4	223.51	3/4	3/4
3		3	3854.43	3	3492.18	3	3125.55	3	2758.93	3	2392.30	3	2025.68	3	1659.06	3	1292.43	3	925.81	3	560.38	3	216.74	3	
1/4		1/4	3847.52	1/4	3484.54	1/4	3117.91	1/4	2751.29	1/4	2384.67	1/4	2018.04	1/4	1651.42	1/4	1284.79	1/4	918.17	1/4	552.90	1/4	209.97	1/4	1/4
1/2		1/2	3840.61	1/2	3476.90	1/2	3110.28	1/2	2743.65	1/2	2377.03	1/2	2010.40	1/2	1643.78	1/2	1277.16	1/2	910.53	1/2	545.41	1/2	203.20	1/2	1/2
3/4		3/4	3833.70	3/4	3469.26	3/4	3102.64	3/4	2736.01	3/4	2369.39	3/4	2002.77	3/4	1636.14	3/4	1269.52	3/4	902.89	3/4	537.92	3/4	196.43	3/4	3/4
4		4	3826.79	4	3461.62	4	3095.00	4	2728.38	4	2361.75	4	1995.13	4	1628.50	4	1261.88	4	895.26	4	530.43	4	189.66	4	
1/4		1/4	3819.88	1/4	3453.99	1/4	3087.36	1/4	2720.74	1/4	2354.11	1/4	1987.49	1/4	1620.87	1/4	1254.24	1/4	887.62	1/4	522.94	1/4	182.89	1/4	1/4
1/2		1/2	3812.97	1/2	3446.35	1/2	3079.72	1/2	2713.10	1/2	2346.48	1/2	1979.85	1/2	1613.23	1/2	1246.60	1/2	879.98	1/2	515.46	1/2	176.12	1/2	1/2
3/4		3/4	3805.33	3/4	3438.71	3/4	3072.09	3/4	2705.46	3/4	2338.84	3/4	1972.21	3/4	1605.59	3/4	1238.97	3/4	872.34	3/4	507.97	3/4	169.35	3/4	3/4
5		5	3797.70	5	3431.07	5	3064.45	5	2697.82	5	2331.20	5	1964.58	5	1597.95	5	1231.33	5	864.70	5	500.48	5	162.58	5	
1/4		1/4	3790.06	1/4	3423.43	1/4	3056.81	1/4	2690.19	1/4	2323.56	1/4	1956.94	1/4	1590.31	1/4	1223.69	1/4	857.07	1/4	492.99	1/4	155.81	1/4	1/4
1/2		1/2	3782.42	1/2	3415.80	1/2	3049.17	1/2	2682.55	1/2	2315.92	1/2	1949.30	1/2	1582.68	1/2	1216.05	1/2	849.43	1/2	485.50	1/2	149.04	1/2	1/2
3/4		3/4	3774.78	3/4	3408.16	3/4	3041.53	3/4	2674.91	3/4	2308.29	3/4	1941.66	3/4	1575.04	3/4	1208.41	3/4	841.79	3/4	478.02	3/4	142.27	3/4	3/4
6	3973.35	6	3767.14	6	3400.52	6	3033.90	6	2667.27	6	2300.65	6	1934.02	6	1567.40	6	1200.78	6	834.15	6	470.53	6	135.50	6	
1/4	3973.17	1/4	3759.51	1/4	3392.88	1/4	3026.26	1/4	2659.63	1/4	2293.01	1/4	1926.39	1/4	1559.76	1/4	1193.14	1/4	826.51	1/4	463.04	1/4	128.73	1/4	1/4
1/2	3972.99	1/2	3751.87	1/2	3385.24	1/2	3018.62	1/2	2652.00	1/2	2285.37	1/2	1918.75	1/2	1552.12	1/2	1185.50	1/2	818.88	1/2	455.55	1/2	121.96	1/2	1/2
3/4	3971.90	3/4	3744.23	3/4	3377.61	3/4	3010.98	3/4	2644.36	3/4	2277.73	3/4	1911.11	3/4	1544.49	3/4	1177.86	3/4	811.24	3/4	448.06	3/4	115.19	3/4	3/4
7	3970.81	7	3736.59	7	3369.97	7	3003.34	7	2636.72	7	2270.10	7	1903.47	7	1536.85	7	1170.22	7	803.60	7	440.58	7	108.42	7	
1/4	3969.72	1/4	3728.95	1/4	3362.33	1/4	2995.71	1/4	2629.08	1/4	2262.46	1/4	1895.83	1/4	1529.21	1/4	1162.59	1/4	795.96	1/4	433.51	1/4	101.95	1/4	1/4
1/2	3968.62	1/2	3721.32	1/2	3354.69	1/2	2988.07	1/2	2621.44	1/2	2254.82	1/2	1888.20	1/2	1521.57	1/2	1154.95	1/2	788.32	1/2	426.44	1/2	95.47	1/2	1/2
3/4	3967.53	3/4	3713.68	3/4	3347.05	3/4	2980.43	3/4	2613.81	3/4	2247.18	3/4	1880.56	3/4	1513.93	3/4	1147.31	3/4	780.69	3/4	419.37	3/4	89.00	3/4	3/4
8	3966.44	8	3706.04	8	3339.42	8	2972.79	8	2606.17	8	2239.54	8	1872.92	8	1506.30	8	1139.67	8	773.05	8	412.30	8	82.53	8	
1/4	3965.35	1/4	3698.40	1/4	3331.78	1/4	2965.15	1/4	2598.53	1/4	2231.91	1/4	1865.28	1/4	1498.66	1/4	1132.03	1/4	765.41	1/4	405.23	1/4	76.06	1/4	1/4
1/2	3964.26	1/2	3690.76	1/2	3324.14	1/2	2957.52	1/2	2590.89	1/2	2224.27	1/2	1857.64	1/2	1491.02	1/2	1124.40	1/2	757.77	1/2	398.16	1/2	69.59	1/2	1/2
3/4	3961.71	3/4	3683.13	3/4	3316.50	3/4	2949.88	3/4	2583.25	3/4	2216.63	3/4	1850.01	3/4	1483.38	3/4	1116.76	3/4	750.13	3/4	391.09	3/4	63.12	3/4	3/4
9	3959.17	9	3675.49	9	3308.86	9	2942.24	9	2575.62	9	2208.99	9	1842.37	9	1475.74	9	1109.12	9	742.50	9	384.02	9	56.65	9	
1/4	3956.62	1/4	3667.85	1/4	3301.23	1/4	2934.60	1/4	2567.98	1/4	2201.35	1/4	1834.73	1/4	1468.11	1/4	1101.48	1/4	734.86	1/4	376.95	1/4	50.92	1/4	1/4
1/2	3954.08	1/2	3660.21	1/2	3293.59	1/2	2926.96	1/2	2560.34	1/2	2193.72	1/2	1827.09	1/2	1460.47	1/2	1093.84	1/2	727.22	1/2	369.88	1/2	45.20	1/2	1/2
3/4	3951.53	3/4	3652.57	3/4	3285.95	3/4	2919.33	3/4	2552.70	3/4	2186.08	3/4	1819.45	3/4	1452.83	3/4	1086.21	3/4	719.58	3/4	362.81	3/4	39.47	3/4	3/4
10	3948.98	10	3644.94	10	3278.31	10	2911.69	10	2545.06	10	2178.44	10	1811.82	10	1445.19	10	1078.57	10	711.94	10	355.74	10	33.74	10	
1/4</																									

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3923.89	0	3591.47	0	3224.85	0	2858.22	0	2491.60	0	2124.97	0	1758.35	0	1391.73	0	1025.1	0	658.48	0	306.25	0	
1/4		1/4	3919.89	1/4	3583.83	1/4	3217.21	1/4	2850.58	1/4	2483.96	1/4	2117.34	1/4	1750.71	1/4	1384.09	1/4	1017.46	1/4	650.84	1/4	299.18	1/4	1/4
1/2		1/2	3915.89	1/2	3576.19	1/2	3209.57	1/2	2842.95	1/2	2476.32	1/2	2109.70	1/2	1743.07	1/2	1376.45	1/2	1009.83	1/2	643.20	1/2	292.11	1/2	1/2
3/4		3/4	3911.89	3/4	3568.56	3/4	3201.93	3/4	2835.31	3/4	2468.68	3/4	2102.06	3/4	1735.44	3/4	1368.81	3/4	1002.19	3/4	635.56	3/4	285.04	3/4	3/4
1		1	3906.44	1	3560.92	1	3194.29	1	2827.67	1	2461.05	1	2094.42	1	1727.80	1	1361.17	1	994.55	1	627.93	1	277.97	1	
1/4		1/4	3900.98	1/4	3553.28	1/4	3186.66	1/4	2820.03	1/4	2453.41	1/4	2086.78	1/4	1720.16	1/4	1353.54	1/4	986.91	1/4	620.29	1/4	270.90	1/4	1/4
1/2		1/2	3895.53	1/2	3545.64	1/2	3179.02	1/2	2812.39	1/2	2445.77	1/2	2079.15	1/2	1712.52	1/2	1345.90	1/2	979.27	1/2	612.80	1/2	264.13	1/2	1/2
3/4		3/4	3890.07	3/4	3538.00	3/4	3171.38	3/4	2804.76	3/4	2438.13	3/4	2071.51	3/4	1704.88	3/4	1338.26	3/4	971.64	3/4	605.31	3/4	257.36	3/4	3/4
2		2	3884.62	2	3530.37	2	3163.74	2	2797.12	2	2430.49	2	2063.87	2	1697.25	2	1330.62	2	964.00	2	597.82	2	250.59	2	
1/4		1/4	3879.16	1/4	3522.73	1/4	3156.10	1/4	2789.48	1/4	2422.86	1/4	2056.23	1/4	1689.61	1/4	1322.98	1/4	956.36	1/4	590.34	1/4	243.82	1/4	1/4
1/2		1/2	3873.71	1/2	3515.09	1/2	3148.47	1/2	2781.84	1/2	2415.22	1/2	2048.59	1/2	1681.97	1/2	1315.35	1/2	948.72	1/2	582.85	1/2	237.05	1/2	1/2
3/4		3/4	3868.25	3/4	3507.45	3/4	3140.83	3/4	2774.20	3/4	2407.58	3/4	2040.96	3/4	1674.33	3/4	1307.71	3/4	941.08	3/4	575.36	3/4	230.28	3/4	3/4
3		3	3861.34	3	3499.81	3	3133.19	3	2766.57	3	2399.94	3	2033.32	3	1666.69	3	1300.07	3	933.45	3	567.87	3	223.51	3	
1/4		1/4	3854.43	1/4	3492.18	1/4	3125.55	1/4	2758.93	1/4	2392.30	1/4	2025.68	1/4	1659.06	1/4	1292.43	1/4	925.81	1/4	560.38	1/4	216.74	1/4	1/4
1/2		1/2	3847.52	1/2	3484.54	1/2	3117.91	1/2	2751.29	1/2	2384.67	1/2	2018.04	1/2	1651.42	1/2	1284.79	1/2	918.17	1/2	552.90	1/2	209.97	1/2	1/2
3/4		3/4	3840.61	3/4	3476.90	3/4	3110.28	3/4	2743.65	3/4	2377.03	3/4	2010.40	3/4	1643.78	3/4	1277.16	3/4	910.53	3/4	545.41	3/4	203.20	3/4	3/4
4		4	3833.70	4	3469.26	4	3102.64	4	2736.01	4	2369.39	4	2002.77	4	1636.14	4	1269.52	4	902.89	4	537.92	4	196.43	4	
1/4		1/4	3826.79	1/4	3461.62	1/4	3095.00	1/4	2728.38	1/4	2361.75	1/4	1995.13	1/4	1628.50	1/4	1261.88	1/4	895.26	1/4	530.43	1/4	189.66	1/4	1/4
1/2		1/2	3819.88	1/2	3453.99	1/2	3087.36	1/2	2720.74	1/2	2354.11	1/2	1987.49	1/2	1620.87	1/2	1254.24	1/2	887.62	1/2	522.94	1/2	182.89	1/2	1/2
3/4		3/4	3812.97	3/4	3446.35	3/4	3079.72	3/4	2713.10	3/4	2346.48	3/4	1979.85	3/4	1613.23	3/4	1246.60	3/4	879.98	3/4	515.46	3/4	176.12	3/4	3/4
5		5	3805.33	5	3438.71	5	3072.09	5	2705.46	5	2338.84	5	1972.21	5	1605.59	5	1238.97	5	872.34	5	507.97	5	169.35	5	
1/4		1/4	3797.70	1/4	3431.07	1/4	3064.45	1/4	2697.82	1/4	2331.20	1/4	1964.58	1/4	1597.95	1/4	1231.33	1/4	864.70	1/4	500.48	1/4	162.58	1/4	1/4
1/2		1/2	3790.06	1/2	3423.43	1/2	3056.81	1/2	2690.19	1/2	2323.56	1/2	1956.94	1/2	1590.31	1/2	1223.69	1/2	857.07	1/2	492.99	1/2	155.81	1/2	1/2
3/4		3/4	3782.42	3/4	3415.80	3/4	3049.17	3/4	2682.55	3/4	2315.92	3/4	1949.30	3/4	1582.68	3/4	1216.05	3/4	849.43	3/4	485.50	3/4	149.04	3/4	3/4
6		6	3774.78	6	3408.16	6	3041.53	6	2674.91	6	2308.29	6	1941.66	6	1575.04	6	1208.41	6	841.79	6	478.02	6	142.27	6	
1/4	3973.35	1/4	3767.14	1/4	3400.52	1/4	3033.90	1/4	2667.27	1/4	2300.65	1/4	1934.02	1/4	1567.40	1/4	1200.78	1/4	834.15	1/4	470.53	1/4	135.50	1/4	1/4
1/2	3973.17	1/2	3759.51	1/2	3392.88	1/2	3026.26	1/2	2659.63	1/2	2293.01	1/2	1926.39	1/2	1559.76	1/2	1193.14	1/2	826.51	1/2	463.04	1/2	128.73	1/2	1/2
3/4	3972.99	3/4	3751.87	3/4	3385.24	3/4	3018.62	3/4	2652.00	3/4	2285.37	3/4	1918.75	3/4	1552.12	3/4	1185.50	3/4	818.88	3/4	455.55	3/4	121.96	3/4	3/4
7	3971.90	7	3744.23	7	3377.61	7	3010.98	7	2644.36	7	2277.73	7	1911.11	7	1544.49	7	1177.86	7	811.24	7	448.06	7	115.19	7	
1/4	3970.81	1/4	3736.59	1/4	3369.97	1/4	3003.34	1/4	2636.72	1/4	2270.10	1/4	1903.47	1/4	1536.85	1/4	1170.22	1/4	803.60	1/4	440.58	1/4	108.42	1/4	1/4
1/2	3969.72	1/2	3728.95	1/2	3362.33	1/2	2995.71	1/2	2629.08	1/2	2262.46	1/2	1895.83	1/2	1529.21	1/2	1162.59	1/2	795.96	1/2	433.51	1/2	101.95	1/2	1/2
3/4	3968.62	3/4	3721.32	3/4	3354.69	3/4	2988.07	3/4	2621.44	3/4	2254.82	3/4	1888.20	3/4	1521.57	3/4	1154.95	3/4	788.32	3/4	426.44	3/4	95.47	3/4	3/4
8	3967.53	8	3713.68	8	3347.05	8	2980.43	8	2613.81	8	2247.18	8	1880.56	8	1513.93	8	1147.31	8	780.69	8	419.37	8	89.00	8	
1/4	3966.44	1/4	3706.04	1/4	3339.42	1/4	2972.79	1/4	2606.17	1/4	2239.54	1/4	1872.92	1/4	1506.30	1/4	1139.67	1/4	773.05	1/4	412.30	1/4	82.53	1/4	1/4
1/2	3965.35	1/2	3698.40	1/2	3331.78	1/2	2965.15	1/2	2598.53	1/2	2231.91	1/2	1865.28	1/2	1498.66	1/2	1132.03	1/2	765.41	1/2	405.23	1/2	76.06	1/2	1/2
3/4	3964.26	3/4	3690.76	3/4	3324.14	3/4	2957.52	3/4	2590.89	3/4	2224.27	3/4	1857.64	3/4	1491.02	3/4	1124.40	3/4	757.77	3/4	398.16	3/4	69.59	3/4	3/4
9	3961.71	9	3683.13	9	3316.50	9	2949.88	9	2583.25	9	2216.63	9	1850.01	9	1483.38	9	1116.76	9	750.13	9	391.09	9	63.12	9	
1/4	3959.17	1/4	3675.49	1/4	3308.86	1/4	2942.24	1/4	2575.62	1/4	2208.99	1/4	1842.37	1/4	1475.74	1/4	1109.12	1/4	742.50	1/4	384.02	1/4	56.65	1/4	1/4
1/2	3956.62	1/2	3667.85	1/2	3301.23	1/2	2934.60	1/2	2567.98	1/2	2201.35	1/2	1834.73	1/2	1468.11	1/2	1101.48	1/2	734.86	1/2	376.95	1/2	50.92	1/2	1/2
3/4	3954.08	3/4	3660.21	3/4	3293.59	3/4	2926.96	3/4	2560.34	3/4	2193.72	3/4	1827.09	3/4	1460.47	3/4	1093.84	3/4	727.22	3/4	369.88	3/4	45.20	3/4	3/4
10	3951.53	10	3652.57	10	3285.95	10	2919.33	10	2552.70	10	2186.08	10	1819.45	10	1452.83	10	1086.21	10	719.58	10	362.81	10	39.47	10	
1/4	39																								

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3824.99	0	3500.89	0	3147.32	0	2793.75	0	2440.18	0	2086.62	0	1733.05	0	1379.48	0	1025.91	0	672.34	0	318.78	0	
1/4		1/4	3821.14	1/4	3493.52	1/4	3139.95	1/4	2786.39	1/4	2432.82	1/4	2079.25	1/4	1725.68	1/4	1372.11	1/4	1018.55	1/4	664.98	1/4	311.53	1/4	1/4
1/2		1/2	3817.28	1/2	3486.16	1/2	3132.59	1/2	2779.02	1/2	2425.45	1/2	2071.88	1/2	1718.32	1/2	1364.75	1/2	1011.18	1/2	657.61	1/2	304.28	1/2	1/2
3/4		3/4	3812.02	3/4	3478.79	3/4	3125.22	3/4	2771.65	3/4	2418.09	3/4	2064.52	3/4	1710.95	3/4	1357.38	3/4	1003.81	3/4	650.25	3/4	297.03	3/4	3/4
1		1	3806.75	1	3471.42	1	3117.86	1	2764.29	1	2410.72	1	2057.15	1	1703.58	1	1350.02	1	996.45	1	642.88	1	289.78	1	
1/4		1/4	3801.49	1/4	3464.06	1/4	3110.49	1/4	2756.92	1/4	2403.35	1/4	2049.79	1/4	1696.22	1/4	1342.65	1/4	989.08	1/4	635.51	1/4	282.54	1/4	1/4
1/2		1/2	3796.23	1/2	3456.69	1/2	3103.12	1/2	2749.56	1/2	2395.99	1/2	2042.42	1/2	1688.85	1/2	1335.28	1/2	981.72	1/2	628.15	1/2	275.29	1/2	1/2
3/4		3/4	3790.97	3/4	3449.33	3/4	3095.76	3/4	2742.19	3/4	2388.62	3/4	2035.05	3/4	1681.49	3/4	1327.92	3/4	974.35	3/4	620.78	3/4	268.04	3/4	3/4
2		2	3785.71	2	3441.96	2	3088.39	2	2734.82	2	2381.26	2	2027.69	2	1674.12	2	1320.55	2	966.98	2	613.42	2	260.79	2	
1/4		1/4	3780.45	1/4	3434.59	1/4	3081.03	1/4	2727.46	1/4	2373.89	1/4	2020.32	1/4	1666.75	1/4	1313.19	1/4	959.62	1/4	606.05	1/4	253.54	1/4	1/4
1/2		1/2	3775.19	1/2	3427.23	1/2	3073.66	1/2	2720.09	1/2	2366.52	1/2	2012.96	1/2	1659.39	1/2	1305.82	1/2	952.25	1/2	598.68	1/2	246.30	1/2	1/2
3/4		3/4	3768.52	3/4	3419.86	3/4	3066.29	3/4	2712.73	3/4	2359.16	3/4	2005.59	3/4	1652.02	3/4	1298.45	3/4	944.89	3/4	591.32	3/4	239.05	3/4	3/4
3		3	3761.86	3	3412.50	3	3058.93	3	2705.36	3	2351.79	3	1998.22	3	1644.66	3	1291.09	3	937.52	3	583.95	3	231.80	3	
1/4		1/4	3755.19	1/4	3405.13	1/4	3051.56	1/4	2697.99	1/4	2344.43	1/4	1990.86	1/4	1637.29	1/4	1283.72	1/4	930.15	1/4	576.59	1/4	224.55	1/4	1/4
1/2		1/2	3748.53	1/2	3397.76	1/2	3044.20	1/2	2690.63	1/2	2337.06	1/2	1983.49	1/2	1629.92	1/2	1276.36	1/2	922.79	1/2	569.22	1/2	217.30	1/2	1/2
3/4		3/4	3741.86	3/4	3390.40	3/4	3036.83	3/4	2683.26	3/4	2329.69	3/4	1976.13	3/4	1622.56	3/4	1268.99	3/4	915.42	3/4	561.85	3/4	210.06	3/4	3/4
4		4	3735.20	4	3383.03	4	3029.46	4	2675.90	4	2322.33	4	1968.76	4	1615.19	4	1261.62	4	908.06	4	554.49	4	202.81	4	
1/4		1/4	3728.53	1/4	3375.67	1/4	3022.10	1/4	2668.53	1/4	2314.96	1/4	1961.39	1/4	1607.83	1/4	1254.26	1/4	900.69	1/4	547.12	1/4	195.56	1/4	1/4
1/2		1/2	3721.87	1/2	3368.30	1/2	3014.73	1/2	2661.16	1/2	2307.60	1/2	1954.03	1/2	1600.46	1/2	1246.89	1/2	893.32	1/2	539.76	1/2	188.31	1/2	1/2
3/4		3/4	3714.50	3/4	3360.93	3/4	3007.37	3/4	2653.80	3/4	2300.23	3/4	1946.66	3/4	1593.09	3/4	1239.53	3/4	885.96	3/4	532.39	3/4	181.06	3/4	3/4
5		5	3707.14	5	3353.57	5	3000.00	5	2646.43	5	2292.86	5	1939.30	5	1585.73	5	1232.16	5	878.59	5	525.02	5	173.82	5	
1/4		1/4	3699.77	1/4	3346.20	1/4	2992.63	1/4	2639.07	1/4	2285.50	1/4	1931.93	1/4	1578.36	1/4	1224.79	1/4	871.23	1/4	517.66	1/4	166.57	1/4	1/4
1/2		1/2	3692.40	1/2	3338.84	1/2	2985.27	1/2	2631.70	1/2	2278.13	1/2	1924.56	1/2	1571.00	1/2	1217.43	1/2	863.86	1/2	510.29	1/2	159.32	1/2	1/2
3/4		3/4	3685.04	3/4	3331.47	3/4	2977.90	3/4	2624.33	3/4	2270.77	3/4	1917.20	3/4	1563.63	3/4	1210.06	3/4	856.49	3/4	502.93	3/4	152.07	3/4	3/4
6	3876.55	6	3677.67	6	3324.10	6	2970.54	6	2616.97	6	2263.40	6	1909.83	6	1556.26	6	1202.70	6	849.13	6	495.56	6	144.82	6	
1/4	3876.38	1/4	3670.31	1/4	3316.74	1/4	2963.17	1/4	2609.60	1/4	2256.03	1/4	1902.47	1/4	1548.90	1/4	1195.33	1/4	841.76	1/4	488.19	1/4	137.58	1/4	1/4
1/2	3876.20	1/2	3662.94	1/2	3309.37	1/2	2955.80	1/2	2602.24	1/2	2248.67	1/2	1895.10	1/2	1541.53	1/2	1187.96	1/2	834.40	1/2	480.83	1/2	130.33	1/2	1/2
3/4	3875.15	3/4	3655.57	3/4	3302.01	3/4	2948.44	3/4	2594.84	3/4	2241.30	3/4	1887.73	3/4	1534.17	3/4	1180.60	3/4	827.03	3/4	473.46	3/4	123.08	3/4	3/4
7	3874.10	7	3648.21	7	3294.64	7	2941.07	7	2587.50	7	2233.94	7	1880.37	7	1526.80	7	1173.23	7	819.66	7	466.10	7	115.83	7	
1/4	3873.05	1/4	3640.84	1/4	3287.27	1/4	2933.71	1/4	2580.14	1/4	2226.57	1/4	1873.00	1/4	1519.43	1/4	1165.87	1/4	812.30	1/4	458.73	1/4	108.58	1/4	1/4
1/2	3872.00	1/2	3633.48	1/2	3279.91	1/2	2926.34	1/2	2572.77	1/2	2219.20	1/2	1865.64	1/2	1512.07	1/2	1158.50	1/2	804.93	1/2	451.36	1/2	101.34	1/2	1/2
3/4	3870.94	3/4	3626.11	3/4	3272.54	3/4	2918.97	3/4	2565.41	3/4	2211.84	3/4	1858.27	3/4	1504.70	3/4	1151.13	3/4	797.57	3/4	444.00	3/4	94.09	3/4	3/4
8	3869.89	8	3618.74	8	3265.18	8	2911.61	8	2558.04	8	2204.47	8	1850.90	8	1497.34	8	1143.77	8	790.20	8	436.63	8	86.84	8	
1/4	3868.84	1/4	3611.38	1/4	3257.81	1/4	2904.24	1/4	2550.67	1/4	2197.11	1/4	1843.54	1/4	1489.97	1/4	1136.40	1/4	782.83	1/4	429.27	1/4	79.59	1/4	1/4
1/2	3867.79	1/2	3604.01	1/2	3250.44	1/2	2896.88	1/2	2543.31	1/2	2189.74	1/2	1836.17	1/2	1482.60	1/2	1129.04	1/2	775.47	1/2	421.90	1/2	72.34	1/2	1/2
3/4	3865.33	3/4	3596.65	3/4	3243.08	3/4	2889.51	3/4	2535.94	3/4	2182.37	3/4	1828.81	3/4	1475.24	3/4	1121.67	3/4	768.10	3/4	414.53	3/4	65.10	3/4	3/4
9	3862.88	9	3589.28	9	3235.71	9	2882.14	9	2528.58	9	2175.01	9	1821.44	9	1467.87	9	1114.30	9	760.74	9	407.17	9	57.85	9	
1/4	3860.42	1/4	3581.91	1/4	3228.35	1/4	2874.78	1/4	2521.21	1/4	2167.64	1/4	1814.07	1/4	1460.51	1/4	1106.94	1/4	753.37	1/4	399.80	1/4	51.52	1/4	1/4
1/2	3857.97	1/2	3574.55	1/2	3220.98	1/2	2867.41	1/2	2513.84	1/2	2160.28	1/2	1806.71	1/2	1453.14	1/2	1099.57	1/2	746.00	1/2	392.44	1/2	45.19	1/2	1/2
3/4	3855.51	3/4	3567.18	3/4	3213.61	3/4	2860.05	3/4	2506.48	3/4	2152.91	3/4	1799.34	3/4	1445.77	3/4	1092.21	3/4	738.64	3/4	385.07	3/4	38.87	3/4	3/4
10	3853.06	10	3559.82	10	3206.25	10	2852.68	10	2499.11	10	2145.54	10	1791.98	10	1438.41	10	1084.84	10	731.27	10	377.70	10	32.54	10	
1/																									

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3832.71	0	3515.62	0	3162.05	0	2808.48	0	2454.92	0	2101.35	0	1747.78	0	1394.21	0	1040.64	0	687.08	0	333.51	0	9.31
1/4		1/4	3828.85	1/4	3508.25	1/4	3154.69	1/4	2801.12	1/4	2447.55	1/4	2093.98	1/4	1740.41	1/4	1386.85	1/4	1033.28	1/4	679.71	1/4	326.14	1/4	
1/2		1/2	3824.99	1/2	3500.89	1/2	3147.32	1/2	2793.75	1/2	2440.18	1/2	2086.62	1/2	1733.05	1/2	1379.48	1/2	1025.91	1/2	672.34	1/2	318.78	1/2	
3/4		3/4	3821.14	3/4	3493.52	3/4	3139.95	3/4	2786.39	3/4	2432.82	3/4	2079.25	3/4	1725.68	3/4	1372.11	3/4	1018.55	3/4	664.98	3/4	311.53	3/4	
1		1	3817.28	1	3486.16	1	3132.59	1	2779.02	1	2425.45	1	2071.88	1	1718.32	1	1364.75	1	1011.18	1	657.61	1	304.28	1	
1/4		1/4	3812.02	1/4	3478.79	1/4	3125.22	1/4	2771.65	1/4	2418.09	1/4	2064.52	1/4	1710.95	1/4	1357.38	1/4	1003.81	1/4	650.25	1/4	297.03	1/4	
1/2		1/2	3806.75	1/2	3471.42	1/2	3117.86	1/2	2764.29	1/2	2410.72	1/2	2057.15	1/2	1703.58	1/2	1350.02	1/2	996.45	1/2	642.88	1/2	289.78	1/2	
3/4		3/4	3801.49	3/4	3464.06	3/4	3110.49	3/4	2756.92	3/4	2403.35	3/4	2049.79	3/4	1696.22	3/4	1342.65	3/4	989.08	3/4	635.51	3/4	282.54	3/4	
2		2	3796.23	2	3456.69	2	3103.12	2	2749.56	2	2395.99	2	2042.42	2	1688.85	2	1335.28	2	981.72	2	628.15	2	275.29	2	
1/4		1/4	3790.97	1/4	3449.33	1/4	3095.76	1/4	2742.19	1/4	2388.62	1/4	2035.05	1/4	1681.49	1/4	1327.92	1/4	974.35	1/4	620.78	1/4	268.04	1/4	
1/2		1/2	3785.71	1/2	3441.96	1/2	3088.39	1/2	2734.82	1/2	2381.26	1/2	2027.69	1/2	1674.12	1/2	1320.55	1/2	966.98	1/2	613.42	1/2	260.79	1/2	
3/4		3/4	3780.45	3/4	3434.59	3/4	3081.03	3/4	2727.46	3/4	2373.89	3/4	2020.32	3/4	1666.75	3/4	1313.19	3/4	959.62	3/4	606.05	3/4	253.54	3/4	
3		3	3775.19	3	3427.23	3	3073.66	3	2720.09	3	2366.52	3	2012.96	3	1659.39	3	1305.82	3	952.25	3	598.68	3	246.30	3	
1/4		1/4	3768.52	1/4	3419.86	1/4	3066.29	1/4	2712.73	1/4	2359.16	1/4	2005.59	1/4	1652.02	1/4	1298.45	1/4	944.89	1/4	591.32	1/4	239.05	1/4	
1/2		1/2	3761.86	1/2	3412.50	1/2	3058.93	1/2	2705.36	1/2	2351.79	1/2	1998.22	1/2	1644.66	1/2	1291.09	1/2	937.52	1/2	583.95	1/2	231.80	1/2	
3/4		3/4	3755.19	3/4	3405.13	3/4	3051.56	3/4	2697.99	3/4	2344.43	3/4	1990.86	3/4	1637.29	3/4	1283.72	3/4	930.15	3/4	576.59	3/4	224.55	3/4	
4		4	3748.53	4	3397.76	4	3044.20	4	2690.63	4	2337.06	4	1983.49	4	1629.92	4	1276.36	4	922.79	4	569.22	4	217.30	4	
1/4		1/4	3741.86	1/4	3390.40	1/4	3036.83	1/4	2683.26	1/4	2329.69	1/4	1976.13	1/4	1622.56	1/4	1268.99	1/4	915.42	1/4	561.85	1/4	210.06	1/4	
1/2		1/2	3735.20	1/2	3383.03	1/2	3029.46	1/2	2675.90	1/2	2322.33	1/2	1968.76	1/2	1615.19	1/2	1261.62	1/2	908.06	1/2	554.49	1/2	202.81	1/2	
3/4		3/4	3728.53	3/4	3375.67	3/4	3022.10	3/4	2668.53	3/4	2314.96	3/4	1961.39	3/4	1607.83	3/4	1254.26	3/4	900.69	3/4	547.12	3/4	195.56	3/4	
5		5	3721.87	5	3368.30	5	3014.73	5	2661.16	5	2307.60	5	1954.03	5	1600.46	5	1246.89	5	893.32	5	539.76	5	188.31	5	
1/4		1/4	3714.50	1/4	3360.93	1/4	3007.37	1/4	2653.80	1/4	2300.23	1/4	1946.66	1/4	1593.09	1/4	1239.53	1/4	885.96	1/4	532.39	1/4	181.06	1/4	
1/2		1/2	3707.14	1/2	3353.57	1/2	3000.00	1/2	2646.43	1/2	2292.86	1/2	1939.30	1/2	1585.73	1/2	1232.16	1/2	878.59	1/2	525.02	1/2	173.82	1/2	
3/4		3/4	3699.77	3/4	3346.20	3/4	2992.63	3/4	2639.07	3/4	2285.50	3/4	1931.93	3/4	1578.36	3/4	1224.79	3/4	871.23	3/4	517.66	3/4	166.57	3/4	
6		6	3692.40	6	3338.84	6	2985.27	6	2631.70	6	2278.13	6	1924.56	6	1571.00	6	1217.43	6	863.86	6	510.29	6	159.32	6	
1/4		1/4	3685.04	1/4	3331.47	1/4	2977.90	1/4	2624.33	1/4	2270.77	1/4	1917.20	1/4	1563.63	1/4	1210.06	1/4	856.49	1/4	502.93	1/4	152.07	1/4	
1/2	3876.55	1/2	3677.67	1/2	3324.10	1/2	2970.54	1/2	2616.97	1/2	2263.40	1/2	1909.83	1/2	1556.26	1/2	1202.70	1/2	849.13	1/2	495.56	1/2	144.82	1/2	
3/4	3876.38	3/4	3670.31	3/4	3316.74	3/4	2963.17	3/4	2609.60	3/4	2256.03	3/4	1902.47	3/4	1548.90	3/4	1195.33	3/4	841.76	3/4	488.19	3/4	137.58	3/4	
7	3876.20	7	3662.94	7	3309.37	7	2955.80	7	2602.24	7	2248.67	7	1895.10	7	1541.53	7	1187.96	7	834.40	7	480.83	7	130.33	7	
1/4	3875.15	1/4	3655.57	1/4	3302.01	1/4	2948.44	1/4	2594.87	1/4	2241.30	1/4	1887.73	1/4	1534.17	1/4	1180.60	1/4	827.03	1/4	473.46	1/4	123.08	1/4	
1/2	3874.10	1/2	3648.21	1/2	3294.64	1/2	2941.07	1/2	2587.50	1/2	2233.94	1/2	1880.37	1/2	1526.80	1/2	1173.23	1/2	819.66	1/2	466.10	1/2	115.83	1/2	
3/4	3873.05	3/4	3640.84	3/4	3287.27	3/4	2933.71	3/4	2580.14	3/4	2226.57	3/4	1873.00	3/4	1519.43	3/4	1165.87	3/4	812.30	3/4	458.73	3/4	108.58	3/4	
8	3872.00	8	3633.48	8	3279.91	8	2926.34	8	2572.77	8	2219.20	8	1865.64	8	1512.07	8	1158.50	8	804.93	8	451.36	8	101.34	8	
1/4	3870.94	1/4	3626.11	1/4	3272.54	1/4	2918.97	1/4	2565.41	1/4	2211.84	1/4	1858.27	1/4	1504.70	1/4	1151.13	1/4	797.57	1/4	444.00	1/4	94.09	1/4	
1/2	3869.89	1/2	3618.74	1/2	3265.18	1/2	2911.61	1/2	2558.04	1/2	2204.47	1/2	1850.90	1/2	1497.34	1/2	1143.77	1/2	790.20	1/2	436.63	1/2	86.84	1/2	
3/4	3868.84	3/4	3611.38	3/4	3257.81	3/4	2904.24	3/4	2550.67	3/4	2197.11	3/4	1843.54	3/4	1489.97	3/4	1136.40	3/4	782.83	3/4	429.27	3/4	79.59	3/4	
9	3867.79	9	3604.01	9	3250.44	9	2896.88	9	2543.31	9	2189.74	9	1836.17	9	1482.60	9	1129.04	9	775.47	9	421.90	9	72.34	9	
1/4	3865.33	1/4	3596.65	1/4	3243.08	1/4	2889.51	1/4	2535.94	1/4	2182.37	1/4	1828.81	1/4	1475.24	1/4	1121.67	1/4	768.10	1/4	414.53	1/4	65.10	1/4	
1/2	3862.88	1/2	3589.28	1/2	3235.71	1/2	2882.14	1/2	2528.58	1/2	2175.01	1/2	1821.44	1/2	1467.87	1/2	1114.30	1/2	760.74	1/2	407.17	1/2	57.85	1/2	
3/4	3860.42	3/4	3581.91	3/4	3228.35	3/4	2874.78	3/4	2521.21	3/4	2167.64	3/4	1814.07	3/4	1460.51	3/4	1106.94	3/4	753.37	3/4	399.80	3/4	51.52	3/4	
10	3857.97	10	3574.55	10	3220.98	10	2867.41	10	2513.84	10	2160.28	10	1806.71	10	1453.14	10	1099.57	10	746.00	10	392.44	10	45.19	10	
1/4	3855.51	1/4	3567.18	1/4	3213.61	1/4	2860.05	1/4	2506.48	1/4	2152.91	1/4	1799.34	1/4	1445.77	1/4	1092.21	1/4	738.64	1/4	385.07	1/4	38.87	1/4	
1/2	3853.06	1/2	3559.82	1/2	3206.25	1/2	2852.68	1/2	2499.11	1/2	2145.54	1/2	1791.98	1/2	1438.41	1/2	1084.84	1/2	731.27	1/2	377.70	1/2	32.54	1/2	
3/4	3850.60	3/4	3552.45	3/4	3198.88	3/4	2845.31	3/4	2491.75	3/4	2138.18	3/4													

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3961.87	0	3630.13	0	3264.27	0	2898.42	0	2532.56	0	2166.71	0	1800.85	0	1434.99	0	1069.14	0	703.28	0	337.43	0	
1/4		1/4	3957.87	1/4	3622.51	1/4	3256.65	1/4	2890.80	1/4	2524.94	1/4	2159.08	1/4	1793.23	1/4	1427.37	1/4	1061.52	1/4	695.66	1/4	329.80	1/4	1/4
1/2		1/2	3953.88	1/2	3614.89	1/2	3249.03	1/2	2883.17	1/2	2517.32	1/2	2151.46	1/2	1785.61	1/2	1419.75	1/2	1053.89	1/2	688.04	1/2	322.31	1/2	1/2
3/4		3/4	3949.89	3/4	3607.26	3/4	3241.41	3/4	2875.55	3/4	2509.70	3/4	2143.84	3/4	1777.98	3/4	1412.13	3/4	1046.27	3/4	680.42	3/4	314.81	3/4	3/4
1		1	3944.44	1	3599.64	1	3233.79	1	2867.93	1	2502.07	1	2136.22	1	1770.36	1	1404.51	1	1038.65	1	672.79	1	307.31	1	
1/4		1/4	3939.00	1/4	3592.02	1/4	3226.16	1/4	2860.31	1/4	2494.45	1/4	2128.60	1/4	1762.74	1/4	1396.88	1/4	1031.03	1/4	665.17	1/4	299.81	1/4	1/4
1/2		1/2	3933.56	1/2	3584.40	1/2	3218.54	1/2	2852.69	1/2	2486.83	1/2	2120.97	1/2	1755.12	1/2	1389.26	1/2	1023.41	1/2	657.55	1/2	292.31	1/2	1/2
3/4		3/4	3928.11	3/4	3576.78	3/4	3210.92	3/4	2845.06	3/4	2479.21	3/4	2113.35	3/4	1747.50	3/4	1381.64	3/4	1015.78	3/4	649.93	3/4	284.81	3/4	3/4
2		2	3922.67	2	3569.15	2	3203.30	2	2837.44	2	2471.59	2	2105.73	2	1739.87	2	1374.02	2	1008.16	2	642.31	2	277.31	2	
1/4		1/4	3917.22	1/4	3561.53	1/4	3195.68	1/4	2829.82	1/4	2463.96	1/4	2098.11	1/4	1732.25	1/4	1366.40	1/4	1000.54	1/4	634.68	1/4	269.81	1/4	1/4
1/2		1/2	3911.78	1/2	3553.91	1/2	3188.05	1/2	2822.20	1/2	2456.34	1/2	2090.49	1/2	1724.63	1/2	1358.77	1/2	992.92	1/2	627.06	1/2	262.31	1/2	1/2
3/4		3/4	3906.34	3/4	3546.29	3/4	3180.43	3/4	2814.58	3/4	2448.72	3/4	2082.86	3/4	1717.01	3/4	1351.15	3/4	985.30	3/4	619.44	3/4	254.81	3/4	3/4
3		3	3899.44	3	3538.67	3	3172.81	3	2806.95	3	2441.10	3	2075.24	3	1709.39	3	1343.53	3	977.67	3	611.82	3	247.32	3	
1/4		1/4	3892.54	1/4	3531.04	1/4	3165.19	1/4	2799.33	1/4	2433.48	1/4	2067.62	1/4	1701.76	1/4	1335.91	1/4	970.05	1/4	604.20	1/4	239.82	1/4	1/4
1/2		1/2	3885.65	1/2	3523.42	1/2	3157.57	1/2	2791.71	1/2	2425.85	1/2	2060.00	1/2	1694.14	1/2	1328.29	1/2	962.43	1/2	596.57	1/2	232.32	1/2	1/2
3/4		3/4	3878.75	3/4	3515.80	3/4	3149.94	3/4	2784.09	3/4	2418.23	3/4	2052.38	3/4	1686.52	3/4	1320.66	3/4	954.81	3/4	588.95	3/4	224.82	3/4	3/4
4		4	3871.86	4	3508.18	4	3142.32	4	2776.47	4	2410.61	4	2044.75	4	1678.90	4	1313.04	4	947.19	4	581.33	4	217.32	4	
1/4		1/4	3864.96	1/4	3500.56	1/4	3134.70	1/4	2768.84	1/4	2402.99	1/4	2037.13	1/4	1671.28	1/4	1305.42	1/4	939.56	1/4	573.71	1/4	209.82	1/4	1/4
1/2		1/2	3858.06	1/2	3492.93	1/2	3127.08	1/2	2761.22	1/2	2395.37	1/2	2029.51	1/2	1663.65	1/2	1297.80	1/2	931.94	1/2	566.09	1/2	202.32	1/2	1/2
3/4		3/4	3851.17	3/4	3485.31	3/4	3119.46	3/4	2753.60	3/4	2387.74	3/4	2021.89	3/4	1656.03	3/4	1290.18	3/4	924.32	3/4	558.46	3/4	194.82	3/4	3/4
5		5	3843.55	5	3477.69	5	3111.83	5	2745.98	5	2380.12	5	2014.27	5	1648.41	5	1282.55	5	916.70	5	550.84	5	187.32	5	
1/4		1/4	3835.92	1/4	3470.07	1/4	3104.21	1/4	2738.36	1/4	2372.50	1/4	2006.64	1/4	1640.79	1/4	1274.93	1/4	909.08	1/4	543.22	1/4	179.82	1/4	1/4
1/2		1/2	3828.30	1/2	3462.45	1/2	3096.59	1/2	2730.73	1/2	2364.88	1/2	1999.02	1/2	1633.17	1/2	1267.31	1/2	901.45	1/2	535.60	1/2	172.33	1/2	1/2
3/4		3/4	3820.68	3/4	3454.82	3/4	3088.97	3/4	2723.11	3/4	2357.26	3/4	1991.40	3/4	1625.54	3/4	1259.69	3/4	893.83	3/4	527.98	3/4	164.83	3/4	3/4
6		6	3813.06	6	3447.20	6	3081.35	6	2715.49	6	2349.63	6	1983.78	6	1617.92	6	1252.07	6	886.21	6	520.35	6	157.33	6	
1/4	4011.23	1/4	3805.44	1/4	3439.58	1/4	3073.72	1/4	2707.87	1/4	2342.01	1/4	1976.16	1/4	1610.30	1/4	1244.44	1/4	878.59	1/4	512.73	1/4	149.83	1/4	1/4
1/2	4011.05	1/2	3797.81	1/2	3431.96	1/2	3066.10	1/2	2700.25	1/2	2334.39	1/2	1968.53	1/2	1602.68	1/2	1236.82	1/2	870.97	1/2	505.11	1/2	142.33	1/2	1/2
3/4	4010.87	3/4	3790.19	3/4	3424.34	3/4	3058.48	3/4	2692.62	3/4	2326.77	3/4	1960.91	3/4	1595.06	3/4	1229.20	3/4	863.34	3/4	497.49	3/4	134.83	3/4	3/4
7	4009.78	7	3782.57	7	3416.71	7	3050.86	7	2685.00	7	2319.15	7	1953.29	7	1587.43	7	1221.58	7	855.72	7	489.87	7	127.33	7	
1/4	4008.69	1/4	3774.95	1/4	3409.09	1/4	3043.24	1/4	2677.38	1/4	2311.52	1/4	1945.67	1/4	1579.81	1/4	1213.96	1/4	848.10	1/4	482.24	1/4	119.83	1/4	1/4
1/2	4007.61	1/2	3767.33	1/2	3401.47	1/2	3035.61	1/2	2669.76	1/2	2303.90	1/2	1938.05	1/2	1572.19	1/2	1206.33	1/2	840.48	1/2	474.62	1/2	112.33	1/2	1/2
3/4	4006.52	3/4	3759.70	3/4	3393.85	3/4	3027.99	3/4	2662.14	3/4	2296.28	3/4	1930.42	3/4	1564.57	3/4	1198.71	3/4	832.86	3/4	467.00	3/4	104.83	3/4	3/4
8	4005.43	8	3752.08	8	3386.23	8	3020.37	8	2654.51	8	2288.66	8	1922.80	8	1556.95	8	1191.09	8	825.23	8	459.38	8	97.34	8	
1/4	4004.34	1/4	3744.46	1/4	3378.60	1/4	3012.75	1/4	2646.89	1/4	2281.04	1/4	1915.18	1/4	1549.32	1/4	1183.47	1/4	817.61	1/4	451.76	1/4	89.84	1/4	1/4
1/2	4003.25	1/2	3736.84	1/2	3370.98	1/2	3005.13	1/2	2639.27	1/2	2273.41	1/2	1907.56	1/2	1541.70	1/2	1175.85	1/2	809.99	1/2	444.13	1/2	82.34	1/2	1/2
3/4	4002.16	3/4	3729.22	3/4	3363.36	3/4	2997.50	3/4	2631.65	3/4	2265.79	3/4	1899.94	3/4	1534.08	3/4	1168.22	3/4	802.37	3/4	436.51	3/4	74.84	3/4	3/4
9	3999.62	9	3721.59	9	3355.74	9	2989.88	9	2624.03	9	2258.17	9	1892.31	9	1526.46	9	1160.60	9	794.75	9	428.89	9	67.34	9	
1/4	3997.08	1/4	3713.97	1/4	3348.12	1/4	2982.26	1/4	2616.40	1/4	2250.55	1/4	1884.69	1/4	1518.84	1/4	1152.98	1/4	787.12	1/4	421.27	1/4	59.84	1/4	1/4
1/2	3994.54	1/2	3706.35	1/2	3340.49	1/2	2974.64	1/2	2608.78	1/2	2242.93	1/2	1877.07	1/2	1511.21	1/2	1145.36	1/2	779.50	1/2	413.65	1/2	53.29	1/2	1/2
3/4	3992.00	3/4	3698.73	3/4	3332.87	3/4	2967.02	3/4	2601.16	3/4	2235.30	3/4	1869.45	3/4	1503.59	3/4	1137.74	3/4	771.88	3/4	406.02	3/4	46.75	3/4	3/4
10	3989.46	10	3691.11	10	3325.25	10	2959.39	10	2593.54	10	2227.68	10	1861.83	10	1495.97	10	1130.11	10	764.26	10	398.40	10	40.20	10	
1/4																									

MAGNOLIA MARINE - BARGE "MM 88"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4441

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3969.85	0	3645.37	0	3279.52	0	2913.66	0	2547.81	0	2181.95	0	1816.09	0	1450.24	0	1084.38	0	718.53	0	352.67	0	12.36
1/4		1/4	3965.86	1/4	3637.75	1/4	3271.90	1/4	2906.04	1/4	2540.18	1/4	2174.33	1/4	1808.47	1/4	1442.62	1/4	1076.76	1/4	710.90	1/4	345.05	1/4	
1/2		1/2	3961.87	1/2	3630.13	1/2	3264.27	1/2	2898.42	1/2	2532.56	1/2	2166.71	1/2	1800.85	1/2	1434.99	1/2	1069.14	1/2	703.28	1/2	337.43	1/2	
3/4		3/4	3957.87	3/4	3622.51	3/4	3256.65	3/4	2890.80	3/4	2524.94	3/4	2159.08	3/4	1793.23	3/4	1427.37	3/4	1061.52	3/4	695.66	3/4	329.80	3/4	
1		1	3953.88	1	3614.89	1	3249.03	1	2883.17	1	2517.32	1	2151.46	1	1785.61	1	1419.75	1	1053.89	1	688.04	1	322.31	1	
1/4		1/4	3949.89	1/4	3607.26	1/4	3241.41	1/4	2875.55	1/4	2509.70	1/4	2143.84	1/4	1777.98	1/4	1412.13	1/4	1046.27	1/4	680.42	1/4	314.81	1/4	
1/2		1/2	3944.44	1/2	3599.64	1/2	3233.79	1/2	2867.93	1/2	2502.07	1/2	2136.22	1/2	1770.36	1/2	1404.51	1/2	1038.65	1/2	672.79	1/2	307.31	1/2	
3/4		3/4	3939.00	3/4	3592.02	3/4	3226.16	3/4	2860.31	3/4	2494.45	3/4	2128.60	3/4	1762.74	3/4	1396.88	3/4	1031.03	3/4	665.17	3/4	299.81	3/4	
2		2	3933.56	2	3584.40	2	3218.54	2	2852.69	2	2486.83	2	2120.97	2	1755.12	2	1389.26	2	1023.41	2	657.55	2	292.31	2	
1/4		1/4	3928.11	1/4	3576.78	1/4	3210.92	1/4	2845.06	1/4	2479.21	1/4	2113.35	1/4	1747.50	1/4	1381.64	1/4	1015.78	1/4	649.93	1/4	284.81	1/4	
1/2		1/2	3922.67	1/2	3569.15	1/2	3203.30	1/2	2837.44	1/2	2471.59	1/2	2105.73	1/2	1739.87	1/2	1374.02	1/2	1008.16	1/2	642.31	1/2	277.31	1/2	
3/4		3/4	3917.22	3/4	3561.53	3/4	3195.68	3/4	2829.82	3/4	2463.96	3/4	2098.11	3/4	1732.25	3/4	1366.40	3/4	1000.54	3/4	634.68	3/4	269.81	3/4	
3		3	3911.78	3	3553.91	3	3188.05	3	2822.20	3	2456.34	3	2090.49	3	1724.63	3	1358.77	3	992.92	3	627.06	3	262.31	3	
1/4		1/4	3906.34	1/4	3546.29	1/4	3180.43	1/4	2814.58	1/4	2448.72	1/4	2082.86	1/4	1717.01	1/4	1351.15	1/4	985.30	1/4	619.44	1/4	254.81	1/4	
1/2		1/2	3899.44	1/2	3538.67	1/2	3172.81	1/2	2806.95	1/2	2441.10	1/2	2075.24	1/2	1709.39	1/2	1343.53	1/2	977.67	1/2	611.82	1/2	247.32	1/2	
3/4		3/4	3892.54	3/4	3531.04	3/4	3165.19	3/4	2799.33	3/4	2433.48	3/4	2067.62	3/4	1701.76	3/4	1335.91	3/4	970.05	3/4	604.20	3/4	239.82	3/4	
4		4	3885.65	4	3523.42	4	3157.57	4	2791.71	4	2425.85	4	2060.00	4	1694.14	4	1328.29	4	962.43	4	596.57	4	232.32	4	
1/4		1/4	3878.75	1/4	3515.80	1/4	3149.94	1/4	2784.09	1/4	2418.23	1/4	2052.38	1/4	1686.52	1/4	1320.66	1/4	954.81	1/4	588.95	1/4	224.82	1/4	
1/2		1/2	3871.86	1/2	3508.18	1/2	3142.32	1/2	2776.47	1/2	2410.61	1/2	2044.75	1/2	1678.90	1/2	1313.04	1/2	947.19	1/2	581.33	1/2	217.32	1/2	
3/4		3/4	3864.96	3/4	3500.56	3/4	3134.70	3/4	2768.84	3/4	2402.99	3/4	2037.13	3/4	1671.28	3/4	1305.42	3/4	939.56	3/4	573.71	3/4	209.82	3/4	
5		5	3858.06	5	3492.93	5	3127.08	5	2761.22	5	2395.37	5	2029.51	5	1663.65	5	1297.80	5	931.94	5	566.09	5	202.32	5	
1/4		1/4	3851.17	1/4	3485.31	1/4	3119.46	1/4	2753.60	1/4	2387.74	1/4	2021.89	1/4	1656.03	1/4	1290.18	1/4	924.32	1/4	558.46	1/4	194.82	1/4	
1/2		1/2	3843.55	1/2	3477.69	1/2	3111.83	1/2	2745.98	1/2	2380.12	1/2	2014.27	1/2	1648.41	1/2	1282.55	1/2	916.70	1/2	550.84	1/2	187.32	1/2	
3/4		3/4	3835.92	3/4	3470.07	3/4	3104.21	3/4	2738.36	3/4	2372.50	3/4	2006.64	3/4	1640.79	3/4	1274.93	3/4	909.08	3/4	543.22	3/4	179.82	3/4	
6		6	3828.30	6	3462.45	6	3096.59	6	2730.73	6	2364.88	6	1999.02	6	1633.17	6	1267.31	6	901.45	6	535.60	6	172.33	6	
1/4		1/4	3820.68	1/4	3454.82	1/4	3088.97	1/4	2723.11	1/4	2357.26	1/4	1991.40	1/4	1625.54	1/4	1259.69	1/4	893.83	1/4	527.98	1/4	164.83	1/4	
1/2		1/2	3813.06	1/2	3447.20	1/2	3081.35	1/2	2715.49	1/2	2349.63	1/2	1983.78	1/2	1617.92	1/2	1252.07	1/2	886.21	1/2	520.35	1/2	157.33	1/2	
3/4	4011.23	3/4	3805.44	3/4	3439.58	3/4	3073.72	3/4	2707.87	3/4	2342.01	3/4	1976.16	3/4	1610.30	3/4	1244.44	3/4	878.59	3/4	512.73	3/4	149.83	3/4	
7	4011.05	7	3797.81	7	3431.96	7	3066.10	7	2700.25	7	2334.39	7	1968.53	7	1602.68	7	1236.82	7	870.97	7	505.11	7	142.33	7	
1/4	4010.87	1/4	3790.19	1/4	3424.34	1/4	3058.48	1/4	2692.62	1/4	2326.77	1/4	1960.91	1/4	1595.06	1/4	1229.20	1/4	863.34	1/4	497.49	1/4	134.83	1/4	
1/2	4009.78	1/2	3782.57	1/2	3416.71	1/2	3050.86	1/2	2685.00	1/2	2319.15	1/2	1953.29	1/2	1587.43	1/2	1221.58	1/2	855.72	1/2	489.87	1/2	127.33	1/2	
3/4	4008.69	3/4	3774.95	3/4	3409.09	3/4	3043.24	3/4	2677.38	3/4	2311.52	3/4	1945.67	3/4	1579.81	3/4	1213.96	3/4	848.10	3/4	482.24	3/4	119.83	3/4	
8	4007.61	8	3767.33	8	3401.47	8	3035.61	8	2669.76	8	2303.90	8	1938.05	8	1572.19	8	1206.33	8	840.48	8	474.62	8	112.33	8	
1/4	4006.52	1/4	3759.70	1/4	3393.85	1/4	3027.99	1/4	2662.14	1/4	2296.28	1/4	1930.42	1/4	1564.57	1/4	1198.71	1/4	832.86	1/4	467.00	1/4	104.83	1/4	
1/2	4005.43	1/2	3752.08	1/2	3386.23	1/2	3020.37	1/2	2654.51	1/2	2288.66	1/2	1922.80	1/2	1556.95	1/2	1191.09	1/2	825.23	1/2	459.38	1/2	97.34	1/2	
3/4	4004.34	3/4	3744.46	3/4	3378.60	3/4	3012.75	3/4	2646.89	3/4	2281.04	3/4	1915.18	3/4	1549.32	3/4	1183.47	3/4	817.61	3/4	451.76	3/4	89.84	3/4	
9	4003.25	9	3736.84	9	3370.98	9	3005.13	9	2639.27	9	2273.41	9	1907.56	9	1541.70	9	1175.85	9	809.99	9	444.13	9	82.34	9	
1/4	4002.16	1/4	3729.22	1/4	3363.36	1/4	2997.50	1/4	2631.65	1/4	2265.79	1/4	1899.94	1/4	1534.08	1/4	1168.22	1/4	802.37	1/4	436.51	1/4	74.84	1/4	
1/2	3999.62	1/2	3721.59	1/2	3355.74	1/2	2989.88	1/2	2624.03	1/2	2258.17	1/2	1892.31	1/2	1526.46	1/2	1160.60	1/2	794.75	1/2	428.89	1/2	67.34	1/2	
3/4	3997.08	3/4	3713.97	3/4	3348.12	3/4	2982.26	3/4	2616.40	3/4	2250.55	3/4	1884.69	3/4	1518.84	3/4	1152.98	3/4	787.12	3/4	421.27	3/4	59.84	3/4	
10	3994.54	10	3706.35	10	3340.49	10	2974.64	10	2608.78	10	2242.93	10	1877.07	10	1511.21	10	1145.36	10	779.50	10	413.65	10	53.29	10	
1/4	3992.00	1/4	3698.73	1/4	3332.87	1/4	2967.02	1/4	2601.16	1/4	2235.30	1/4	1869.45	1/4	1503.59	1/4	1137.74	1/4	771.88	1/4	406.02	1/4	46.75	1/4	
1/2	3989.46	1/2	3691.11	1/2	3325.25	1/2	2959.39	1/2	2593.54	1/2	2227.68	1/2	1861.83	1/2	1495.97	1/2	1130.11	1/2	764.26	1/2	398.40	1/2	40.20	1/2	
3/4	3988.91	3/4	3683.48	3/4	3317.63	3/4	2951.77	3/4	2585.92	3/4	2220.06	3/4													