

MAGNOLIA MARINE - BARGE "MM 86"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4440

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	3932.16	0	3599.03	0	3231.64	0	2864.25	0	2496.85	0	2129.46	0	1762.07	0	1394.68	0	1027.29	0	659.89	0	306.91	0	
1/4		1/4	3928.15	1/4	3591.38	1/4	3223.98	1/4	2856.59	1/4	2489.20	1/4	2121.81	1/4	1754.42	1/4	1387.02	1/4	1019.63	1/4	652.24	1/4	299.83	1/4	1/4
1/2		1/2	3924.14	1/2	3583.72	1/2	3216.33	1/2	2848.94	1/2	2481.55	1/2	2114.15	1/2	1746.76	1/2	1379.37	1/2	1011.98	1/2	644.59	1/2	292.74	1/2	1/2
3/4		3/4	3920.13	3/4	3576.07	3/4	3208.68	3/4	2841.28	3/4	2473.89	3/4	2106.50	3/4	1739.11	3/4	1371.72	3/4	1004.32	3/4	636.93	3/4	285.66	3/4	3/4
1		1	3914.67	1	3568.41	1	3201.02	1	2833.63	1	2466.24	1	2098.85	1	1731.45	1	1364.06	1	996.67	1	629.28	1	278.57	1	
1/4		1/4	3909.20	1/4	3560.76	1/4	3193.37	1/4	2825.98	1/4	2458.58	1/4	2091.19	1/4	1723.80	1/4	1356.41	1/4	989.02	1/4	621.62	1/4	271.49	1/4	1/4
1/2		1/2	3903.73	1/2	3553.11	1/2	3185.71	1/2	2818.32	1/2	2450.93	1/2	2083.54	1/2	1716.15	1/2	1348.75	1/2	981.36	1/2	614.12	1/2	264.70	1/2	1/2
3/4		3/4	3898.26	3/4	3545.45	3/4	3178.06	3/4	2810.67	3/4	2443.28	3/4	2075.88	3/4	1708.49	3/4	1341.10	3/4	973.71	3/4	606.62	3/4	257.92	3/4	3/4
2		2	3892.80	2	3537.80	2	3170.41	2	2803.01	2	2435.62	2	2068.23	2	1700.84	2	1333.45	2	966.05	2	599.11	2	251.13	2	
1/4		1/4	3887.33	1/4	3530.14	1/4	3162.75	1/4	2795.36	1/4	2427.97	1/4	2060.58	1/4	1693.18	1/4	1325.79	1/4	958.40	1/4	591.61	1/4	244.35	1/4	1/4
1/2		1/2	3881.86	1/2	3522.49	1/2	3155.10	1/2	2787.71	1/2	2420.31	1/2	2052.92	1/2	1685.53	1/2	1318.14	1/2	950.75	1/2	584.10	1/2	237.56	1/2	1/2
3/4		3/4	3876.40	3/4	3514.84	3/4	3147.44	3/4	2780.05	3/4	2412.66	3/4	2045.27	3/4	1677.88	3/4	1310.48	3/4	943.09	3/4	576.60	3/4	230.78	3/4	3/4
3		3	3869.47	3	3507.18	3	3139.79	3	2772.40	3	2405.01	3	2037.61	3	1670.22	3	1302.83	3	935.44	3	569.10	3	223.99	3	
1/4		1/4	3862.55	1/4	3499.53	1/4	3132.14	1/4	2764.74	1/4	2397.35	1/4	2029.96	1/4	1662.57	1/4	1295.18	1/4	927.78	1/4	561.59	1/4	217.21	1/4	1/4
1/2		1/2	3855.62	1/2	3491.87	1/2	3124.48	1/2	2757.09	1/2	2389.70	1/2	2022.31	1/2	1654.91	1/2	1287.52	1/2	920.13	1/2	554.09	1/2	210.42	1/2	1/2
3/4		3/4	3848.70	3/4	3484.22	3/4	3116.83	3/4	2749.44	3/4	2382.04	3/4	2014.65	3/4	1647.26	3/4	1279.87	3/4	912.48	3/4	546.58	3/4	203.64	3/4	3/4
4		4	3841.77	4	3476.57	4	3109.17	4	2741.78	4	2374.39	4	2007.00	4	1639.61	4	1272.21	4	904.82	4	539.08	4	196.85	4	
1/4		1/4	3834.85	1/4	3468.91	1/4	3101.52	1/4	2734.13	1/4	2366.74	1/4	1999.34	1/4	1631.95	1/4	1264.56	1/4	897.17	1/4	531.58	1/4	190.07	1/4	1/4
1/2		1/2	3827.92	1/2	3461.26	1/2	3093.87	1/2	2726.47	1/2	2359.08	1/2	1991.69	1/2	1624.30	1/2	1256.91	1/2	889.51	1/2	524.07	1/2	183.28	1/2	1/2
3/4		3/4	3821.00	3/4	3453.60	3/4	3086.21	3/4	2718.82	3/4	2351.43	3/4	1984.04	3/4	1616.64	3/4	1249.25	3/4	881.86	3/4	516.57	3/4	176.50	3/4	3/4
5		5	3813.34	5	3445.95	5	3078.56	5	2711.17	5	2343.77	5	1976.38	5	1608.99	5	1241.60	5	874.21	5	509.06	5	169.71	5	
1/4		1/4	3805.69	1/4	3438.30	1/4	3070.90	1/4	2703.51	1/4	2336.12	1/4	1968.73	1/4	1601.34	1/4	1233.94	1/4	866.55	1/4	501.56	1/4	162.93	1/4	1/4
1/2		1/2	3798.03	1/2	3430.64	1/2	3063.25	1/2	2695.86	1/2	2328.47	1/2	1961.07	1/2	1593.68	1/2	1226.29	1/2	858.90	1/2	494.06	1/2	156.14	1/2	1/2
3/4		3/4	3790.38	3/4	3422.99	3/4	3055.60	3/4	2688.20	3/4	2320.81	3/4	1953.42	3/4	1586.03	3/4	1218.64	3/4	851.24	3/4	486.55	3/4	149.36	3/4	3/4
6		6	3782.73	6	3415.33	6	3047.94	6	2680.55	6	2313.16	6	1945.77	6	1578.37	6	1210.98	6	843.59	6	479.05	6	142.57	6	
1/4	3981.72	1/4	3775.07	1/4	3407.68	1/4	3040.29	1/4	2672.90	1/4	2305.50	1/4	1938.11	1/4	1570.72	1/4	1203.33	1/4	835.94	1/4	471.54	1/4	135.79	1/4	1/4
1/2	3981.54	1/2	3767.42	1/2	3400.03	1/2	3032.63	1/2	2665.24	1/2	2297.85	1/2	1930.46	1/2	1563.07	1/2	1195.67	1/2	828.28	1/2	464.04	1/2	129.00	1/2	1/2
3/4	3981.36	3/4	3759.76	3/4	3392.37	3/4	3024.98	3/4	2657.59	3/4	2290.20	3/4	1922.80	3/4	1555.41	3/4	1188.02	3/4	820.63	3/4	456.54	3/4	122.22	3/4	3/4
7	3980.26	7	3752.11	7	3384.72	7	3017.33	7	2649.93	7	2282.54	7	1915.15	7	1547.76	7	1180.37	7	812.97	7	449.03	7	115.43	7	
1/4	3979.17	1/4	3744.46	1/4	3377.06	1/4	3009.67	1/4	2642.28	1/4	2274.89	1/4	1907.50	1/4	1540.10	1/4	1172.71	1/4	805.32	1/4	441.53	1/4	108.65	1/4	1/4
1/2	3978.08	1/2	3736.80	1/2	3369.41	1/2	3002.02	1/2	2634.63	1/2	2267.23	1/2	1899.84	1/2	1532.45	1/2	1165.06	1/2	797.67	1/2	434.44	1/2	102.16	1/2	1/2
3/4	3976.98	3/4	3729.15	3/4	3361.76	3/4	2994.36	3/4	2626.97	3/4	2259.58	3/4	1892.19	3/4	1524.80	3/4	1157.40	3/4	790.01	3/4	427.36	3/4	95.68	3/4	3/4
8	3975.89	8	3721.49	8	3354.10	8	2986.71	8	2619.32	8	2251.93	8	1884.53	8	1517.14	8	1149.75	8	782.36	8	420.27	8	89.19	8	
1/4	3974.80	1/4	3713.84	1/4	3346.45	1/4	2979.06	1/4	2611.66	1/4	2244.27	1/4	1878.88	1/4	1509.49	1/4	1142.10	1/4	774.70	1/4	413.19	1/4	82.71	1/4	1/4
1/2	3973.71	1/2	3706.19	1/2	3338.79	1/2	2971.40	1/2	2604.01	1/2	2236.62	1/2	1869.23	1/2	1501.83	1/2	1134.44	1/2	767.05	1/2	406.10	1/2	76.22	1/2	1/2
3/4	3972.61	3/4	3698.53	3/4	3331.14	3/4	2963.75	3/4	2596.36	3/4	2228.96	3/4	1861.57	3/4	1494.18	3/4	1126.79	3/4	759.40	3/4	399.02	3/4	69.74	3/4	3/4
9	3970.06	9	3690.88	9	3323.49	9	2956.09	9	2588.70	9	2221.31	9	1853.92	9	1486.53	9	1119.13	9	751.74	9	391.93	9	63.25	9	
1/4	3967.51	1/4	3683.22	1/4	3315.83	1/4	2948.44	1/4	2581.05	1/4	2213.66	1/4	1846.26	1/4	1478.87	1/4	1111.48	1/4	744.09	1/4	384.85	1/4	56.77	1/4	1/4
1/2	3964.96	1/2	3675.57	1/2	3308.18	1/2	2940.79	1/2	2573.39	1/2	2206.00	1/2	1838.61	1/2	1471.22	1/2	1103.83	1/2	736.43	1/2	377.76	1/2	51.03	1/2	1/2
3/4	3962.41	3/4	3667.92	3/4	3300.52	3/4	2933.13	3/4	2565.74	3/4	2198.35	3/4	1830.96	3/4	1463.56	3/4	1096.17	3/4	728.78	3/4	370.68	3/4	45.29	3/4	3/4
10	3959.86	10	3660.26	10	3292.87	10	2925.48	10	2558.09	10	2190.69	10	1823.30	10	1455.91	10	1088.52	10	721.13	10	363.59	10	39.55	10	
1/4	3																								

MAGNOLIA MARINE - BARGE "MM 86"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4440

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	3940.18	0	3614.34	0	3246.95	0	2879.55	0	2512.16	0	2144.77	0	1777.38	0	1409.99	0	1042.59	0	675.20	0	321.08	0	
1/4		1/4	3936.17	1/4	3606.68	1/4	3239.29	1/4	2871.90	1/4	2504.51	1/4	2137.12	1/4	1769.72	1/4	1402.33	1/4	1034.94	1/4	667.55	1/4	314.00	1/4	
1/2		1/2	3932.16	1/2	3599.03	1/2	3231.64	1/2	2864.25	1/2	2496.85	1/2	2129.46	1/2	1762.07	1/2	1394.68	1/2	1027.29	1/2	659.89	1/2	306.91	1/2	
3/4		3/4	3928.15	3/4	3591.38	3/4	3223.98	3/4	2856.59	3/4	2489.20	3/4	2121.81	3/4	1754.42	3/4	1387.02	3/4	1019.63	3/4	652.24	3/4	299.83	3/4	
1		1	3924.14	1	3583.72	1	3216.33	1	2848.94	1	2481.55	1	2114.15	1	1746.76	1	1379.37	1	1011.98	1	644.59	1	292.74	1	
1/4		1/4	3920.13	1/4	3576.07	1/4	3208.68	1/4	2841.28	1/4	2473.89	1/4	2106.50	1/4	1739.11	1/4	1371.72	1/4	1004.32	1/4	636.93	1/4	285.66	1/4	
1/2		1/2	3914.67	1/2	3568.41	1/2	3201.02	1/2	2833.63	1/2	2466.24	1/2	2098.85	1/2	1731.45	1/2	1364.06	1/2	996.67	1/2	629.28	1/2	278.57	1/2	
3/4		3/4	3909.20	3/4	3560.76	3/4	3193.37	3/4	2825.98	3/4	2458.58	3/4	2091.19	3/4	1723.80	3/4	1356.41	3/4	989.02	3/4	621.62	3/4	271.49	3/4	
2		2	3903.73	2	3553.11	2	3185.71	2	2818.32	2	2450.93	2	2083.54	2	1716.15	2	1348.75	2	981.36	2	614.12	2	264.70	2	
1/4		1/4	3898.26	1/4	3545.45	1/4	3178.06	1/4	2810.67	1/4	2443.28	1/4	2075.88	1/4	1708.49	1/4	1341.10	1/4	973.71	1/4	606.62	1/4	257.92	1/4	
1/2		1/2	3892.80	1/2	3537.80	1/2	3170.41	1/2	2803.01	1/2	2435.62	1/2	2068.23	1/2	1700.84	1/2	1333.45	1/2	966.05	1/2	599.11	1/2	251.13	1/2	
3/4		3/4	3887.33	3/4	3530.14	3/4	3162.75	3/4	2795.36	3/4	2427.97	3/4	2060.58	3/4	1693.18	3/4	1325.79	3/4	958.40	3/4	591.61	3/4	244.35	3/4	
3		3	3881.86	3	3522.49	3	3155.10	3	2787.71	3	2420.31	3	2052.92	3	1685.53	3	1318.14	3	950.75	3	584.10	3	237.56	3	
1/4		1/4	3876.40	1/4	3514.84	1/4	3147.44	1/4	2780.05	1/4	2412.66	1/4	2045.27	1/4	1677.88	1/4	1310.48	1/4	943.09	1/4	576.60	1/4	230.78	1/4	
1/2		1/2	3869.47	1/2	3507.18	1/2	3139.79	1/2	2772.40	1/2	2405.01	1/2	2037.61	1/2	1670.22	1/2	1302.83	1/2	935.44	1/2	569.10	1/2	223.99	1/2	
3/4		3/4	3862.55	3/4	3499.53	3/4	3132.14	3/4	2764.74	3/4	2397.35	3/4	2029.96	3/4	1662.57	3/4	1295.18	3/4	927.78	3/4	561.59	3/4	217.21	3/4	
4		4	3855.62	4	3491.87	4	3124.48	4	2757.09	4	2389.70	4	2022.31	4	1654.91	4	1287.52	4	920.13	4	554.09	4	210.42	4	
1/4		1/4	3848.70	1/4	3484.22	1/4	3116.83	1/4	2749.44	1/4	2382.04	1/4	2014.65	1/4	1647.26	1/4	1279.87	1/4	912.48	1/4	546.58	1/4	203.64	1/4	
1/2		1/2	3841.77	1/2	3476.57	1/2	3109.17	1/2	2741.78	1/2	2374.39	1/2	2007.00	1/2	1639.61	1/2	1272.21	1/2	904.82	1/2	539.08	1/2	196.85	1/2	
3/4		3/4	3834.85	3/4	3468.91	3/4	3101.52	3/4	2734.13	3/4	2366.74	3/4	1999.34	3/4	1631.95	3/4	1264.56	3/4	897.17	3/4	531.58	3/4	190.07	3/4	
5		5	3827.92	5	3461.26	5	3093.87	5	2726.47	5	2359.08	5	1991.69	5	1624.30	5	1256.91	5	889.51	5	524.07	5	183.28	5	
1/4		1/4	3821.00	1/4	3453.60	1/4	3086.21	1/4	2718.82	1/4	2351.43	1/4	1984.04	1/4	1616.64	1/4	1249.25	1/4	881.86	1/4	516.57	1/4	176.50	1/4	
1/2		1/2	3813.34	1/2	3445.95	1/2	3078.56	1/2	2711.17	1/2	2343.77	1/2	1976.38	1/2	1608.99	1/2	1241.60	1/2	874.21	1/2	509.06	1/2	169.71	1/2	
3/4		3/4	3805.69	3/4	3438.30	3/4	3070.90	3/4	2703.51	3/4	2336.12	3/4	1968.73	3/4	1601.34	3/4	1233.94	3/4	866.55	3/4	501.56	3/4	162.93	3/4	
6		6	3798.03	6	3430.64	6	3063.25	6	2695.86	6	2328.47	6	1961.07	6	1593.68	6	1226.29	6	858.90	6	494.06	6	156.14	6	
1/4		1/4	3790.38	1/4	3422.99	1/4	3055.60	1/4	2688.20	1/4	2320.81	1/4	1953.42	1/4	1586.03	1/4	1218.64	1/4	851.24	1/4	486.55	1/4	149.36	1/4	
1/2		1/2	3782.73	1/2	3415.33	1/2	3047.94	1/2	2680.55	1/2	2313.16	1/2	1945.77	1/2	1578.37	1/2	1210.98	1/2	843.59	1/2	479.05	1/2	142.57	1/2	
3/4	3981.72	3/4	3775.07	3/4	3407.68	3/4	3040.29	3/4	2672.90	3/4	2305.50	3/4	1938.11	3/4	1570.72	3/4	1203.33	3/4	835.94	3/4	471.54	3/4	135.79	3/4	
7	3981.54	7	3767.42	7	3400.03	7	3032.63	7	2665.24	7	2297.85	7	1930.46	7	1563.07	7	1195.67	7	828.28	7	464.04	7	129.00	7	
1/4	3981.36	1/4	3759.76	1/4	3392.37	1/4	3024.98	1/4	2657.59	1/4	2290.20	1/4	1922.80	1/4	1555.41	1/4	1188.02	1/4	820.63	1/4	456.54	1/4	122.22	1/4	
1/2	3980.26	1/2	3752.11	1/2	3384.72	1/2	3017.33	1/2	2649.93	1/2	2282.54	1/2	1915.15	1/2	1547.76	1/2	1180.37	1/2	812.97	1/2	449.03	1/2	115.43	1/2	
3/4	3979.17	3/4	3744.46	3/4	3377.06	3/4	3009.67	3/4	2642.28	3/4	2274.89	3/4	1907.50	3/4	1540.10	3/4	1172.71	3/4	805.32	3/4	441.53	3/4	108.65	3/4	
8	3978.08	8	3736.80	8	3369.41	8	3002.02	8	2634.63	8	2267.23	8	1899.84	8	1532.45	8	1165.06	8	797.67	8	434.44	8	102.16	8	
1/4	3976.98	1/4	3729.15	1/4	3361.76	1/4	2994.36	1/4	2626.97	1/4	2259.58	1/4	1892.19	1/4	1524.80	1/4	1157.40	1/4	790.01	1/4	427.36	1/4	95.68	1/4	
1/2	3975.89	1/2	3721.49	1/2	3354.10	1/2	2986.71	1/2	2619.32	1/2	2251.93	1/2	1884.53	1/2	1517.14	1/2	1149.75	1/2	782.36	1/2	420.27	1/2	89.19	1/2	
3/4	3974.80	3/4	3713.84	3/4	3346.45	3/4	2979.06	3/4	2611.66	3/4	2244.27	3/4	1878.88	3/4	1509.49	3/4	1142.10	3/4	774.70	3/4	413.19	3/4	82.71	3/4	
9	3973.71	9	3706.19	9	3338.79	9	2971.40	9	2604.01	9	2236.62	9	1869.23	9	1501.83	9	1134.44	9	767.05	9	406.10	9	76.22	9	
1/4	3972.61	1/4	3698.53	1/4	3331.14	1/4	2963.75	1/4	2596.36	1/4	2228.96	1/4	1861.57	1/4	1494.18	1/4	1126.79	1/4	759.40	1/4	399.02	1/4	69.74	1/4	
1/2	3970.06	1/2	3690.88	1/2	3323.49	1/2	2956.09	1/2	2588.70	1/2	2221.31	1/2	1853.92	1/2	1486.53	1/2	1119.13	1/2	751.74	1/2	391.93	1/2	63.25	1/2	
3/4	3967.51	3/4	3683.22	3/4	3315.83	3/4	2948.44	3/4	2581.05	3/4	2213.66	3/4	1846.26	3/4	1478.87	3/4	1111.48	3/4	744.09	3/4	384.85	3/4	56.77	3/4	
10	3964.96	10	3675.57	10	3308.18	10	2940.79	10	2573.39	10	2206.00	10	1838.61	10	1471.22	10	1103.83	10	736.43	10	377.76	10	51.03	10	
1/4	3962.41	1/4	3667.92	1/4	3300.52	1/4	2933.13	1/4	2565.74	1/4	2198.35	1/4	1												

MAGNOLIA MARINE - BARGE "MM 86"

OUTAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4440

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	3858.65	0	3547.10	0	3191.86	0	2836.61	0	2481.36	0	2126.11	0	1770.86	0	1415.62	0	1060.37	0	705.12	0	349.87	0	
1/4		1/4	3854.77	1/4	3539.70	1/4	3184.46	1/4	2829.21	1/4	2473.96	1/4	2118.71	1/4	1763.46	1/4	1408.22	1/4	1052.97	1/4	697.72	1/4	342.47	1/4	
1/2		1/2	3850.89	1/2	3532.30	1/2	3177.05	1/2	2821.81	1/2	2466.56	1/2	2111.31	1/2	1756.06	1/2	1400.81	1/2	1045.57	1/2	690.32	1/2	335.07	1/2	
3/4		3/4	3847.02	3/4	3524.90	3/4	3169.65	3/4	2814.41	3/4	2459.16	3/4	2103.91	3/4	1748.66	3/4	1393.41	3/4	1038.17	3/4	682.92	3/4	327.67	3/4	
1		1	3843.14	1	3517.50	1	3162.25	1	2807.00	1	2451.76	1	2096.51	1	1741.26	1	1386.01	1	1030.76	1	675.52	1	320.27	1	
1/4		1/4	3839.26	1/4	3510.10	1/4	3154.85	1/4	2799.60	1/4	2444.36	1/4	2089.11	1/4	1733.86	1/4	1378.61	1/4	1023.36	1/4	668.12	1/4	312.99	1/4	
1/2		1/2	3835.39	1/2	3502.70	1/2	3147.45	1/2	2792.20	1/2	2436.95	1/2	2081.71	1/2	1726.46	1/2	1371.21	1/2	1015.96	1/2	660.71	1/2	305.70	1/2	
3/4		3/4	3830.10	3/4	3495.30	3/4	3140.05	3/4	2784.80	3/4	2429.55	3/4	2074.31	3/4	1719.06	3/4	1363.81	3/4	1008.56	3/4	653.31	3/4	298.42	3/4	
2		2	3824.81	2	3487.90	2	3132.65	2	2777.40	2	2422.15	2	2066.90	2	1711.66	2	1356.41	2	1001.16	2	645.91	2	291.14	2	
1/4		1/4	3819.53	1/4	3480.50	1/4	3125.25	1/4	2770.00	1/4	2414.75	1/4	2059.50	1/4	1704.26	1/4	1349.01	1/4	993.76	1/4	638.51	1/4	283.86	1/4	
1/2		1/2	3814.24	1/2	3473.09	1/2	3117.85	1/2	2762.60	1/2	2407.35	1/2	2052.10	1/2	1696.85	1/2	1341.61	1/2	986.36	1/2	631.11	1/2	276.58	1/2	
3/4		3/4	3808.96	3/4	3465.69	3/4	3110.45	3/4	2755.20	3/4	2399.95	3/4	2044.70	3/4	1689.45	3/4	1334.21	3/4	978.96	3/4	623.71	3/4	269.29	3/4	
3		3	3803.67	3	3458.29	3	3103.04	3	2747.80	3	2392.55	3	2037.30	3	1682.05	3	1326.80	3	971.56	3	616.31	3	262.01	3	
1/4		1/4	3798.38	1/4	3450.89	1/4	3095.64	1/4	2740.40	1/4	2385.15	1/4	2029.90	1/4	1674.65	1/4	1319.40	1/4	964.16	1/4	608.91	1/4	254.73	1/4	
1/2		1/2	3793.10	1/2	3443.49	1/2	3088.24	1/2	2732.99	1/2	2377.75	1/2	2022.50	1/2	1667.25	1/2	1312.00	1/2	956.75	1/2	601.51	1/2	247.45	1/2	
3/4		3/4	3786.40	3/4	3436.09	3/4	3080.84	3/4	2725.59	3/4	2370.35	3/4	2015.10	3/4	1659.85	3/4	1304.60	3/4	949.35	3/4	594.11	3/4	240.17	3/4	
4		4	3779.71	4	3428.69	4	3073.44	4	2718.19	4	2362.94	4	2007.70	4	1652.45	4	1297.20	4	941.95	4	586.70	4	232.88	4	
1/4		1/4	3773.01	1/4	3421.29	1/4	3066.04	1/4	2710.79	1/4	2355.54	1/4	2000.30	1/4	1645.05	1/4	1289.80	1/4	934.55	1/4	579.30	1/4	225.60	1/4	
1/2		1/2	3766.31	1/2	3413.89	1/2	3058.64	1/2	2703.39	1/2	2348.14	1/2	1992.89	1/2	1637.65	1/2	1282.40	1/2	927.15	1/2	571.90	1/2	218.32	1/2	
3/4		3/4	3759.62	3/4	3406.49	3/4	3051.24	3/4	2695.99	3/4	2340.74	3/4	1985.49	3/4	1630.25	3/4	1275.00	3/4	919.75	3/4	564.50	3/4	211.04	3/4	
5		5	3752.92	5	3399.08	5	3043.84	5	2688.59	5	2333.34	5	1978.09	5	1622.84	5	1267.60	5	912.35	5	557.10	5	203.76	5	
1/4		1/4	3746.23	1/4	3391.68	1/4	3036.44	1/4	2681.19	1/4	2325.94	1/4	1970.69	1/4	1615.44	1/4	1260.20	1/4	904.95	1/4	549.70	1/4	196.47	1/4	
1/2		1/2	3739.53	1/2	3384.28	1/2	3029.03	1/2	2673.79	1/2	2318.54	1/2	1963.29	1/2	1608.04	1/2	1252.79	1/2	897.55	1/2	542.30	1/2	189.19	1/2	
3/4		3/4	3732.13	3/4	3376.88	3/4	3021.63	3/4	2666.39	3/4	2311.14	3/4	1955.89	3/4	1600.84	3/4	1245.39	3/4	890.15	3/4	534.90	3/4	181.91	3/4	
6		6	3724.73	6	3369.48	6	3014.23	6	2658.98	6	2303.74	6	1948.49	6	1593.24	6	1237.99	6	882.74	6	527.50	6	174.63	6	
1/4		1/4	3717.33	1/4	3362.08	1/4	3006.83	1/4	2651.58	1/4	2296.34	1/4	1941.09	1/4	1585.84	1/4	1230.59	1/4	875.34	1/4	520.10	1/4	167.35	1/4	
1/2		1/2	3709.93	1/2	3354.68	1/2	2999.43	1/2	2644.18	1/2	2288.93	1/2	1933.69	1/2	1578.44	1/2	1223.19	1/2	867.94	1/2	512.69	1/2	160.06	1/2	
3/4		3/4	3702.53	3/4	3347.28	3/4	2992.03	3/4	2636.78	3/4	2281.53	3/4	1926.29	3/4	1571.04	3/4	1215.79	3/4	860.54	3/4	505.29	3/4	152.78	3/4	
7	3894.95	7	3695.12	7	3339.88	7	2984.63	7	2629.38	7	2274.13	7	1918.88	7	1563.64	7	1208.39	7	853.14	7	497.89	7	145.50	7	
1/4	3894.77	1/4	3687.72	1/4	3332.48	1/4	2977.23	1/4	2621.98	1/4	2266.73	1/4	1911.48	1/4	1556.24	1/4	1200.99	1/4	845.74	1/4	490.49	1/4	138.22	1/4	
1/2	3894.59	1/2	3680.32	1/2	3325.07	1/2	2969.83	1/2	2614.58	1/2	2259.33	1/2	1904.08	1/2	1548.83	1/2	1193.59	1/2	838.34	1/2	483.09	1/2	130.94	1/2	
3/4	3893.54	3/4	3672.92	3/4	3317.67	3/4	2962.43	3/4	2607.18	3/4	2251.93	3/4	1896.68	3/4	1541.43	3/4	1186.19	3/4	830.94	3/4	475.69	3/4	123.65	3/4	
8	3892.48	8	3665.52	8	3310.27	8	2955.02	8	2599.78	8	2244.53	8	1889.28	8	1534.03	8	1178.78	8	823.54	8	468.29	8	116.37	8	
1/4	3891.42	1/4	3658.12	1/4	3302.87	1/4	2947.62	1/4	2592.38	1/4	2237.13	1/4	1881.88	1/4	1526.63	1/4	1171.38	1/4	816.14	1/4	460.89	1/4	109.09	1/4	
1/2	3890.37	1/2	3650.72	1/2	3295.47	1/2	2940.22	1/2	2584.97	1/2	2229.73	1/2	1874.48	1/2	1519.23	1/2	1163.98	1/2	808.73	1/2	453.49	1/2	101.81	1/2	
3/4	3889.31	3/4	3643.32	3/4	3288.07	3/4	2932.82	3/4	2577.57	3/4	2222.33	3/4	1867.08	3/4	1511.83	3/4	1156.58	3/4	801.33	3/4	446.09	3/4	94.53	3/4	
9	3888.25	9	3635.92	9	3280.67	9	2925.42	9	2570.17	9	2214.92	9	1859.68	9	1504.43	9	1149.18	9	793.93	9	438.68	9	87.24	9	
1/4	3887.20	1/4	3628.52	1/4	3273.27	1/4	2918.02	1/4	2562.77	1/4	2207.52	1/4	1852.28	1/4	1497.03	1/4	1141.78	1/4	786.53	1/4	431.28	1/4	79.96	1/4	
1/2	3886.14	1/2	3621.11	1/2	3265.87	1/2	2910.62	1/2	2555.37	1/2	2200.12	1/2	1844.87	1/2	1489.63	1/2	1134.38	1/2	779.13	1/2	423.88	1/2	72.68	1/2	
3/4	3883.67	3/4	3613.71	3/4	3258.47	3/4	2903.22	3/4	2547.97	3/4	2192.72	3/4	1837.47	3/4	1482.23	3/4	1126.98	3/4	771.73	3/4	416.48	3/4	65.40	3/4	
10	3881.20	10	3606.31	10	3251.06	10	2895.82	10	2540.57	10	2185.32	10	1830.07	10	1474.82	10	1119.58	10	764.33	10	409.08	10	58.12	10	
1/4	3878.74	1/4	3598.91	1/4	3243.66	1/4	2888.42	1/4	2533.17	1/4	2177.92	1/4	18												

MAGNOLIA MARINE - BARGE "MM 86"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4440

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	3962.78	0	3634.92	0	3269.36	0	2903.79	0	2538.22	0	2172.65	0	1807.08	0	1441.52	0	1075.95	0	710.38	0	344.81	0	
1/4		1/4	3958.79	1/4	3627.31	1/4	3261.74	1/4	2896.17	1/4	2530.60	1/4	2165.04	1/4	1799.47	1/4	1433.90	1/4	1068.33	1/4	702.76	1/4	337.20	1/4	1/4
1/2		1/2	3954.80	1/2	3619.69	1/2	3254.12	1/2	2888.56	1/2	2522.99	1/2	2157.42	1/2	1791.85	1/2	1426.28	1/2	1060.72	1/2	695.15	1/2	329.58	1/2	1/2
3/4		3/4	3950.81	3/4	3612.08	3/4	3246.51	3/4	2880.94	3/4	2515.37	3/4	2149.80	3/4	1784.24	3/4	1418.67	3/4	1053.10	3/4	687.53	3/4	322.09	3/4	3/4
1		1	3946.82	1	3604.46	1	3238.89	1	2873.32	1	2507.76	1	2142.19	1	1776.62	1	1411.05	1	1045.48	1	679.92	1	314.59	1	
1/4		1/4	3941.38	1/4	3596.84	1/4	3231.28	1/4	2865.71	1/4	2500.14	1/4	2134.57	1/4	1769.00	1/4	1403.44	1/4	1037.87	1/4	672.30	1/4	307.10	1/4	1/4
1/2		1/2	3935.94	1/2	3589.23	1/2	3223.66	1/2	2858.09	1/2	2492.52	1/2	2126.96	1/2	1761.39	1/2	1395.82	1/2	1030.25	1/2	664.68	1/2	299.60	1/2	1/2
3/4		3/4	3930.50	3/4	3581.61	3/4	3216.04	3/4	2850.48	3/4	2484.91	3/4	2119.34	3/4	1753.77	3/4	1388.20	3/4	1022.64	3/4	657.07	3/4	292.11	3/4	3/4
2		2	3925.06	2	3574.00	2	3208.43	2	2842.86	2	2477.29	2	2111.72	2	1746.16	2	1380.59	2	1015.02	2	649.45	2	284.62	2	
1/4		1/4	3919.62	1/4	3566.38	1/4	3200.81	1/4	2835.24	1/4	2469.68	1/4	2104.11	1/4	1738.54	1/4	1372.97	1/4	1007.40	1/4	641.84	1/4	277.12	1/4	1/4
1/2		1/2	3914.18	1/2	3558.76	1/2	3193.20	1/2	2827.63	1/2	2462.06	1/2	2096.49	1/2	1730.92	1/2	1365.36	1/2	999.79	1/2	634.22	1/2	269.63	1/2	1/2
3/4		3/4	3908.74	3/4	3551.15	3/4	3185.58	3/4	2820.01	3/4	2454.44	3/4	2088.88	3/4	1723.31	3/4	1357.74	3/4	992.17	3/4	626.60	3/4	262.13	3/4	3/4
3		3	3903.30	3	3543.53	3	3177.96	3	2812.40	3	2446.83	3	2081.26	3	1715.69	3	1350.12	3	984.56	3	618.99	3	254.64	3	
1/4		1/4	3896.41	1/4	3535.92	1/4	3170.35	1/4	2804.78	1/4	2439.21	1/4	2073.64	1/4	1708.08	1/4	1342.51	1/4	976.94	1/4	611.37	1/4	247.15	1/4	1/4
1/2		1/2	3889.52	1/2	3528.30	1/2	3162.73	1/2	2797.18	1/2	2431.60	1/2	2066.03	1/2	1700.48	1/2	1334.89	1/2	969.32	1/2	603.76	1/2	239.65	1/2	1/2
3/4		3/4	3882.63	3/4	3520.68	3/4	3155.12	3/4	2789.55	3/4	2423.98	3/4	2058.41	3/4	1692.84	3/4	1327.28	3/4	961.71	3/4	596.14	3/4	232.16	3/4	3/4
4		4	3875.74	4	3513.07	4	3147.50	4	2781.93	4	2416.36	4	2050.80	4	1685.23	4	1319.66	4	954.09	4	588.52	4	224.66	4	
1/4		1/4	3868.85	1/4	3505.45	1/4	3139.88	1/4	2774.32	1/4	2408.75	1/4	2043.18	1/4	1677.61	1/4	1312.04	1/4	946.48	1/4	580.91	1/4	217.17	1/4	1/4
1/2		1/2	3861.95	1/2	3497.84	1/2	3132.27	1/2	2766.70	1/2	2401.13	1/2	2035.58	1/2	1670.00	1/2	1304.43	1/2	938.86	1/2	573.29	1/2	209.68	1/2	1/2
3/4		3/4	3855.06	3/4	3490.22	3/4	3124.65	3/4	2759.08	3/4	2393.52	3/4	2027.95	3/4	1662.38	3/4	1296.81	3/4	931.24	3/4	565.68	3/4	202.18	3/4	3/4
5		5	3848.17	5	3482.60	5	3117.04	5	2751.47	5	2385.90	5	2020.33	5	1654.76	5	1289.20	5	923.63	5	558.06	5	194.69	5	
1/4		1/4	3840.56	1/4	3474.99	1/4	3109.42	1/4	2743.85	1/4	2378.28	1/4	2012.72	1/4	1647.15	1/4	1281.58	1/4	916.01	1/4	550.44	1/4	187.19	1/4	1/4
1/2		1/2	3832.94	1/2	3467.37	1/2	3101.80	1/2	2736.24	1/2	2370.67	1/2	2005.10	1/2	1639.53	1/2	1273.96	1/2	908.40	1/2	542.83	1/2	179.70	1/2	1/2
3/4		3/4	3825.32	3/4	3459.76	3/4	3094.19	3/4	2728.62	3/4	2363.05	3/4	1997.48	3/4	1631.92	3/4	1266.35	3/4	900.78	3/4	535.21	3/4	172.21	3/4	3/4
6		6	3817.71	6	3452.14	6	3086.57	6	2721.00	6	2355.44	6	1989.87	6	1624.30	6	1258.73	6	893.16	6	527.60	6	164.71	6	
1/4		1/4	3810.09	1/4	3444.52	1/4	3078.96	1/4	2713.39	1/4	2347.82	1/4	1982.25	1/4	1616.68	1/4	1251.12	1/4	885.55	1/4	519.98	1/4	157.22	1/4	1/4
1/2	4008.12	1/2	3802.48	1/2	3436.91	1/2	3071.34	1/2	2705.77	1/2	2340.20	1/2	1974.64	1/2	1609.07	1/2	1243.50	1/2	877.93	1/2	512.36	1/2	149.72	1/2	1/2
3/4	4007.94	3/4	3794.86	3/4	3429.29	3/4	3063.72	3/4	2698.16	3/4	2332.59	3/4	1967.02	3/4	1601.45	3/4	1235.88	3/4	870.32	3/4	504.75	3/4	142.23	3/4	3/4
7	4007.76	7	3787.24	7	3421.68	7	3056.11	7	2690.54	7	2324.97	7	1959.40	7	1593.84	7	1228.27	7	862.70	7	497.13	7	134.74	7	
1/4	4006.67	1/4	3779.63	1/4	3414.06	1/4	3048.49	1/4	2682.92	1/4	2317.36	1/4	1951.79	1/4	1586.22	1/4	1220.65	1/4	855.08	1/4	489.52	1/4	127.24	1/4	1/4
1/2	4005.58	1/2	3772.01	1/2	3406.44	1/2	3040.88	1/2	2675.31	1/2	2309.74	1/2	1944.17	1/2	1578.60	1/2	1213.04	1/2	847.47	1/2	481.90	1/2	119.75	1/2	1/2
3/4	4004.49	3/4	3764.40	3/4	3398.83	3/4	3033.26	3/4	2667.69	3/4	2302.12	3/4	1936.56	3/4	1570.99	3/4	1205.42	3/4	839.85	3/4	474.28	3/4	112.25	3/4	3/4
8	4003.40	8	3756.78	8	3391.21	8	3025.64	8	2660.08	8	2294.51	8	1928.94	8	1563.37	8	1197.80	8	832.24	8	466.67	8	104.76	8	
1/4	4002.32	1/4	3749.16	1/4	3383.6	1/4	3018.03	1/4	2652.46	1/4	2286.89	1/4	1921.32	1/4	1555.76	1/4	1190.19	1/4	824.62	1/4	459.05	1/4	97.27	1/4	1/4
1/2	4001.23	1/2	3741.55	1/2	3375.98	1/2	3010.41	1/2	2644.84	1/2	2279.28	1/2	1913.71	1/2	1548.14	1/2	1182.57	1/2	817.00	1/2	451.44	1/2	89.77	1/2	1/2
3/4	4000.14	3/4	3733.93	3/4	3368.36	3/4	3002.80	3/4	2637.23	3/4	2271.66	3/4	1906.09	3/4	1540.52	3/4	1174.96	3/4	809.39	3/4	443.82	3/4	82.28	3/4	3/4
9	3999.05	9	3726.32	9	3360.75	9	2995.18	9	2629.61	9	2264.04	9	1898.48	9	1532.91	9	1167.34	9	801.77	9	436.20	9	74.78	9	
1/4	3996.51	1/4	3718.70	1/4	3353.13	1/4	2987.56	1/4	2622.00	1/4	2256.43	1/4	1890.86	1/4	1525.29	1/4	1159.72	1/4	794.16	1/4	428.59	1/4	67.29	1/4	1/4
1/2	3993.97	1/2	3711.08	1/2	3345.52	1/2	2979.95	1/2	2614.38	1/2	2248.81	1/2	1883.24	1/2	1517.68	1/2	1152.11	1/2	786.54	1/2	420.97	1/2	59.80	1/2	1/2
3/4	3991.44	3/4	3703.47	3/4	3337.90	3/4	2972.33	3/4	2606.76	3/4	2241.20	3/4	1875.63	3/4	1510.06	3/4	1144.49	3/4	778.92	3/4	413.36	3/4	53.25	3/4	3/4
10	3988.90	10	3695.85	10	3330.28	10	2964.72	10	2599.15	10	2233.58	10	1868.01	10	1502.44	10	1136.88	10	771.31	10	405.74	10	46.71	10	
1/4	39																								

MAGNOLIA MARINE - BARGE "MM 86"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO 4440

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	3966.77	0	3642.54	0	3276.97	0	2911.40	0	2545.84	0	2180.27	0	1814.70	0	1449.13	0	1083.56	0	718.00	0	352.43	0	
1/4		1/4	3962.78	1/4	3634.92	1/4	3269.36	1/4	2903.79	1/4	2538.22	1/4	2172.65	1/4	1807.08	1/4	1441.52	1/4	1075.95	1/4	710.38	1/4	344.81	1/4	
1/2		1/2	3958.79	1/2	3627.31	1/2	3261.74	1/2	2896.17	1/2	2530.60	1/2	2165.04	1/2	1799.47	1/2	1433.90	1/2	1068.33	1/2	702.76	1/2	337.20	1/2	
3/4		3/4	3954.80	3/4	3619.69	3/4	3254.12	3/4	2888.56	3/4	2522.99	3/4	2157.42	3/4	1791.85	3/4	1426.28	3/4	1060.72	3/4	695.15	3/4	329.58	3/4	
1		1	3950.81	1	3612.08	1	3246.51	1	2880.94	1	2515.37	1	2149.80	1	1784.24	1	1418.67	1	1053.10	1	687.53	1	322.09	1	
1/4		1/4	3946.82	1/4	3604.46	1/4	3238.89	1/4	2873.32	1/4	2507.76	1/4	2142.19	1/4	1776.62	1/4	1411.05	1/4	1045.48	1/4	679.92	1/4	314.59	1/4	
1/2		1/2	3941.38	1/2	3596.84	1/2	3231.28	1/2	2865.71	1/2	2500.14	1/2	2134.57	1/2	1769.00	1/2	1403.44	1/2	1037.87	1/2	672.30	1/2	307.10	1/2	
3/4		3/4	3935.94	3/4	3589.23	3/4	3223.66	3/4	2858.09	3/4	2492.52	3/4	2126.96	3/4	1761.39	3/4	1395.82	3/4	1030.25	3/4	664.68	3/4	299.60	3/4	
2		2	3930.50	2	3581.61	2	3216.04	2	2850.48	2	2484.91	2	2119.34	2	1753.77	2	1388.20	2	1022.64	2	657.07	2	292.11	2	
1/4		1/4	3925.06	1/4	3574.00	1/4	3208.43	1/4	2842.86	1/4	2477.29	1/4	2111.72	1/4	1746.16	1/4	1380.59	1/4	1015.02	1/4	649.45	1/4	284.62	1/4	
1/2		1/2	3919.62	1/2	3566.38	1/2	3200.81	1/2	2835.24	1/2	2469.68	1/2	2104.11	1/2	1738.54	1/2	1372.97	1/2	1007.40	1/2	641.84	1/2	277.12	1/2	
3/4		3/4	3914.18	3/4	3558.76	3/4	3193.20	3/4	2827.63	3/4	2462.06	3/4	2096.49	3/4	1730.92	3/4	1365.36	3/4	999.79	3/4	634.22	3/4	269.63	3/4	
3		3	3908.74	3	3551.15	3	3185.58	3	2820.01	3	2454.44	3	2088.88	3	1723.31	3	1357.74	3	992.17	3	626.60	3	262.13	3	
1/4		1/4	3903.30	1/4	3543.53	1/4	3177.96	1/4	2812.40	1/4	2446.83	1/4	2081.26	1/4	1715.69	1/4	1350.12	1/4	984.56	1/4	618.99	1/4	254.64	1/4	
1/2		1/2	3896.41	1/2	3535.92	1/2	3170.35	1/2	2804.78	1/2	2439.21	1/2	2073.64	1/2	1708.08	1/2	1342.51	1/2	976.94	1/2	611.37	1/2	247.15	1/2	
3/4		3/4	3889.52	3/4	3528.30	3/4	3162.73	3/4	2797.18	3/4	2431.60	3/4	2066.03	3/4	1700.48	3/4	1334.89	3/4	969.32	3/4	603.76	3/4	239.65	3/4	
4		4	3882.63	4	3520.68	4	3155.12	4	2789.55	4	2423.98	4	2058.41	4	1692.84	4	1327.28	4	961.71	4	596.14	4	232.16	4	
1/4		1/4	3875.74	1/4	3513.07	1/4	3147.50	1/4	2781.93	1/4	2416.36	1/4	2050.80	1/4	1685.23	1/4	1319.66	1/4	954.09	1/4	588.52	1/4	224.66	1/4	
1/2		1/2	3868.85	1/2	3505.45	1/2	3139.88	1/2	2774.32	1/2	2408.75	1/2	2043.18	1/2	1677.61	1/2	1312.04	1/2	946.48	1/2	580.91	1/2	217.17	1/2	
3/4		3/4	3861.95	3/4	3497.84	3/4	3132.27	3/4	2766.70	3/4	2401.13	3/4	2035.58	3/4	1670.00	3/4	1304.43	3/4	938.86	3/4	573.29	3/4	209.68	3/4	
5		5	3855.06	5	3490.22	5	3124.65	5	2759.08	5	2393.52	5	2027.95	5	1662.38	5	1296.81	5	931.24	5	565.68	5	202.18	5	
1/4		1/4	3848.17	1/4	3482.60	1/4	3117.04	1/4	2751.47	1/4	2385.90	1/4	2020.33	1/4	1654.76	1/4	1289.20	1/4	923.63	1/4	558.06	1/4	194.69	1/4	
1/2		1/2	3840.56	1/2	3474.99	1/2	3109.42	1/2	2743.85	1/2	2378.28	1/2	2012.72	1/2	1647.15	1/2	1281.58	1/2	916.01	1/2	550.44	1/2	187.19	1/2	
3/4		3/4	3832.94	3/4	3467.37	3/4	3101.80	3/4	2736.24	3/4	2370.67	3/4	2005.10	3/4	1639.53	3/4	1273.96	3/4	908.40	3/4	542.83	3/4	179.70	3/4	
6		6	3825.32	6	3459.76	6	3094.19	6	2728.62	6	2363.05	6	1997.48	6	1631.92	6	1266.35	6	900.78	6	535.21	6	172.21	6	
1/4		1/4	3817.71	1/4	3452.14	1/4	3086.57	1/4	2721.00	1/4	2355.44	1/4	1989.87	1/4	1624.30	1/4	1258.73	1/4	893.16	1/4	527.60	1/4	164.71	1/4	
1/2		1/2	3810.09	1/2	3444.52	1/2	3078.96	1/2	2713.39	1/2	2347.82	1/2	1982.25	1/2	1616.68	1/2	1251.12	1/2	885.55	1/2	519.98	1/2	157.22	1/2	
3/4	4008.12	3/4	3802.48	3/4	3436.91	3/4	3071.34	3/4	2705.77	3/4	2340.20	3/4	1974.64	3/4	1609.07	3/4	1243.50	3/4	877.93	3/4	512.36	3/4	149.72	3/4	
7	4007.94	7	3794.86	7	3429.29	7	3063.72	7	2698.16	7	2332.59	7	1967.02	7	1601.45	7	1235.88	7	870.32	7	504.75	7	142.23	7	
1/4	4007.76	1/4	3787.24	1/4	3421.68	1/4	3056.11	1/4	2690.54	1/4	2324.97	1/4	1959.40	1/4	1593.84	1/4	1228.27	1/4	862.70	1/4	497.13	1/4	134.74	1/4	
1/2	4006.67	1/2	3779.63	1/2	3414.06	1/2	3048.49	1/2	2682.92	1/2	2317.36	1/2	1951.79	1/2	1586.22	1/2	1220.65	1/2	855.08	1/2	489.52	1/2	127.24	1/2	
3/4	4005.58	3/4	3772.01	3/4	3406.44	3/4	3040.88	3/4	2675.31	3/4	2309.74	3/4	1944.17	3/4	1578.60	3/4	1213.04	3/4	847.47	3/4	481.90	3/4	119.75	3/4	
8	4004.49	8	3764.40	8	3398.83	8	3033.26	8	2667.69	8	2302.12	8	1936.56	8	1570.99	8	1205.42	8	839.85	8	474.28	8	112.25	8	
1/4	4003.40	1/4	3756.78	1/4	3391.21	1/4	3025.64	1/4	2660.08	1/4	2294.51	1/4	1928.94	1/4	1563.37	1/4	1197.80	1/4	832.24	1/4	466.67	1/4	104.76	1/4	
1/2	4002.32	1/2	3749.16	1/2	3383.6	1/2	3018.03	1/2	2652.46	1/2	2286.89	1/2	1921.32	1/2	1555.76	1/2	1190.19	1/2	824.62	1/2	459.05	1/2	97.27	1/2	
3/4	4001.23	3/4	3741.55	3/4	3375.98	3/4	3010.41	3/4	2644.84	3/4	2279.28	3/4	1913.71	3/4	1548.14	3/4	1182.57	3/4	817.00	3/4	451.44	3/4	89.77	3/4	
9	4000.14	9	3733.93	9	3368.36	9	3002.80	9	2637.23	9	2271.66	9	1906.09	9	1540.52	9	1174.96	9	809.39	9	443.82	9	82.28	9	
1/4	3999.05	1/4	3726.32	1/4	3360.75	1/4	2995.18	1/4	2629.61	1/4	2264.04	1/4	1898.48	1/4	1532.91	1/4	1167.34	1/4	801.77	1/4	436.20	1/4	74.78	1/4	
1/2	3996.51	1/2	3718.70	1/2	3353.13	1/2	2987.56	1/2	2622.00	1/2	2256.43	1/2	1890.86	1/2	1525.29	1/2	1159.72	1/2	794.16	1/2	428.59	1/2	67.29	1/2	
3/4	3993.97	3/4	3711.08	3/4	3345.52	3/4	2979.95	3/4	2614.38	3/4	2248.81	3/4	1883.24	3/4	1517.68	3/4	1152.11	3/4	786.54	3/4	420.97	3/4	59.80	3/4	
10	3991.44	10	3703.47	10	3337.90	10	2972.33	10	2606.76	10	2241.20	10	1875.63	10	1510.06	10	1144.49	10	778.92	10	413.36	10	53.25	10	
1/4	3988.90	1/4	3695.85	1/4	3330.28	1/4	2964.72	1/4	2599.15	1/4	2233.58	1/4													