

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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	FEET	
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	0 3557.84	0 3278.53	0 2961.35	0 2644.17	0 2326.98	0 2009.80	0 1692.61	0 1375.43	0 1058.25	0 741.06	0 437.07	0 176.80	0	
1/4	1/4 3555.09	1/4 3271.93	1/4 2954.74	1/4 2637.56	1/4 2320.37	1/4 2003.19	1/4 1686.01	1/4 1368.82	1/4 1051.64	1/4 734.45	1/4 431.29	1/4 171.96	1/4	
1/2	1/2 3552.33	1/2 3265.32	1/2 2948.13	1/2 2630.95	1/2 2313.77	1/2 1996.58	1/2 1679.40	1/2 1362.21	1/2 1045.03	1/2 727.85	1/2 425.52	1/2 167.13	1/2	
3/4	3/4 3548.79	3/4 3258.71	3/4 2941.53	3/4 2624.34	3/4 2307.16	3/4 1989.97	3/4 1672.79	3/4 1355.61	3/4 1038.42	3/4 721.24	3/4 419.74	3/4 162.30	3/4	
1	1 3545.25	1 3252.10	1 2934.92	1 2617.73	1 2300.55	1 1983.37	1 1666.18	1 1349.00	1 1031.81	1 714.63	1 413.97	1 157.46	1	
1/4	1/4 3541.71	1/4 3245.49	1/4 2928.31	1/4 2611.13	1/4 2293.94	1/4 1976.76	1/4 1659.57	1/4 1342.39	1/4 1025.21	1/4 708.03	1/4 408.19	1/4 152.63	1/4	
1/2	1/2 3538.17	1/2 3238.89	1/2 2921.70	1/2 2604.52	1/2 2287.33	1/2 1970.15	1/2 1652.97	1/2 1335.78	1/2 1018.60	1/2 701.44	1/2 402.42	1/2 147.79	1/2	
3/4	3/4 3533.84	3/4 3232.28	3/4 2915.09	3/4 2597.91	3/4 2280.73	3/4 1963.54	3/4 1646.36	3/4 1329.17	3/4 1011.99	3/4 694.84	3/4 396.64	3/4 142.96	3/4	
2	2 3529.51	2 3225.67	2 2908.49	2 2591.30	2 2274.12	2 1956.93	2 1639.75	2 1322.57	2 1005.38	2 688.25	2 390.87	2 138.13	2	
1/4	1/4 3525.18	1/4 3219.06	1/4 2901.88	1/4 2584.69	1/4 2267.51	1/4 1950.33	1/4 1633.14	1/4 1315.96	1/4 998.77	1/4 681.65	1/4 385.09	1/4 133.29	1/4	
1/2	1/2 3520.85	1/2 3212.45	1/2 2895.27	1/2 2578.09	1/2 2260.90	1/2 1943.72	1/2 1626.53	1/2 1309.35	1/2 992.17	1/2 675.05	1/2 379.32	1/2 128.46	1/2	
3/4	3/4 3515.73	3/4 3205.85	3/4 2888.66	3/4 2571.48	3/4 2254.29	3/4 1937.11	3/4 1619.93	3/4 1302.74	3/4 985.56	3/4 668.46	3/4 373.54	3/4 123.62	3/4	
3	3 3510.62	3 3199.24	3 2882.05	3 2564.87	3 2247.69	3 1930.50	3 1613.32	3 1296.13	3 978.95	3 661.86	3 367.77	3 118.79	3	
1/4	1/4 3505.50	1/4 3192.63	1/4 2875.45	1/4 2558.26	1/4 2241.08	1/4 1923.89	1/4 1606.71	1/4 1289.53	1/4 972.34	1/4 655.38	1/4 362.23	1/4 114.19	1/4	
1/2	1/2 3500.39	1/2 3186.02	1/2 2868.84	1/2 2551.65	1/2 2234.47	1/2 1917.29	1/2 1600.10	1/2 1282.92	1/2 965.73	1/2 648.90	1/2 356.69	1/2 109.59	1/2	
3/4	3/4 3494.48	3/4 3179.41	3/4 2862.23	3/4 2545.05	3/4 2227.86	3/4 1910.68	3/4 1593.49	3/4 1276.31	3/4 959.13	3/4 642.42	3/4 351.15	3/4 104.99	3/4	
4	4 3488.58	4 3172.81	4 2855.62	4 2538.44	4 2221.25	4 1904.07	4 1586.89	4 1269.70	4 952.52	4 635.95	4 345.61	4 100.39	4	
1/4	1/4 3482.68	1/4 3166.20	1/4 2849.01	1/4 2531.83	1/4 2214.65	1/4 1897.46	1/4 1580.28	1/4 1263.09	1/4 945.91	1/4 629.47	1/4 340.07	1/4 95.79	1/4	
1/2	1/2 3476.77	1/2 3159.59	1/2 2842.41	1/2 2525.22	1/2 2208.04	1/2 1890.85	1/2 1573.67	1/2 1256.49	1/2 939.30	1/2 622.99	1/2 334.53	1/2 91.20	1/2	
3/4	3/4 3470.17	3/4 3152.98	3/4 2835.80	3/4 2518.61	3/4 2201.43	3/4 1884.25	3/4 1567.06	3/4 1249.88	3/4 932.69	3/4 616.51	3/4 328.99	3/4 86.60	3/4	
5	5 3463.56	5 3146.37	5 2829.19	5 2512.01	5 2194.82	5 1877.64	5 1560.45	5 1243.27	5 926.09	5 610.03	5 323.45	5 82.00	5	
1/4	1/4 3456.95	1/4 3139.77	1/4 2822.58	1/4 2505.40	1/4 2188.21	1/4 1871.03	1/4 1553.85	1/4 1236.66	1/4 919.48	1/4 603.55	1/4 317.91	1/4 77.40	1/4	
1/2	1/2 3450.34	1/2 3133.16	1/2 2815.97	1/2 2498.79	1/2 2181.61	1/2 1864.42	1/2 1547.24	1/2 1230.05	1/2 912.87	1/2 597.07	1/2 312.37	1/2 72.80	1/2	
3/4	3/4 3443.73	3/4 3126.55	3/4 2809.37	3/4 2492.18	3/4 2175.00	3/4 1857.81	3/4 1540.63	3/4 1223.45	3/4 906.26	3/4 590.59	3/4 306.83	3/4 68.20	3/4	
6	6 3437.13	6 3119.94	6 2802.76	6 2485.57	6 2168.39	6 1851.21	6 1534.02	6 1216.84	6 899.65	6 584.11	6 301.29	6 63.60	6	
1/4	1/4 3430.52	1/4 3113.33	1/4 2796.15	1/4 2478.97	1/4 2161.78	1/4 1844.60	1/4 1527.41	1/4 1210.23	1/4 893.05	1/4 577.87	1/4 295.98	1/4 59.24	1/4	
1/2	1/2 3423.91	1/2 3106.73	1/2 2789.54	1/2 2472.36	1/2 2155.17	1/2 1837.99	1/2 1520.81	1/2 1203.62	1/2 886.44	1/2 571.63	1/2 290.68	1/2 54.87	1/2	
3/4	3/4 3417.30	3/4 3100.12	3/4 2782.93	3/4 2465.75	3/4 2148.57	3/4 1831.38	3/4 1514.20	3/4 1197.01	3/4 879.83	3/4 565.38	3/4 285.37	3/4 50.51	3/4	
7	7 3410.69	7 3093.51	7 2776.33	7 2459.14	7 2141.96	7 1824.77	7 1507.59	7 1190.41	7 873.22	7 559.14	7 280.07	7 46.14	7	
1/4	1/4 3404.09	1/4 3086.90	1/4 2769.72	1/4 2452.53	1/4 2135.35	1/4 1818.17	1/4 1500.98	1/4 1183.80	1/4 866.61	1/4 552.89	1/4 274.76	1/4 42.42	1/4	
1/2	1/2 3397.48	1/2 3080.29	1/2 2763.11	1/2 2445.93	1/2 2128.74	1/2 1811.56	1/2 1494.37	1/2 1177.19	1/2 860.01	1/2 546.65	1/2 269.46	1/2 38.70	1/2	
3/4	3/4 3390.87	3/4 3073.69	3/4 2756.50	3/4 2439.32	3/4 2122.13	3/4 1804.95	3/4 1487.77	3/4 1170.58	3/4 853.40	3/4 540.41	3/4 264.15	3/4 34.98	3/4	
8	8 3384.26	8 3067.08	8 2749.89	8 2432.71	8 2115.53	8 1798.34	8 1481.16	8 1163.97	8 846.79	8 534.16	8 258.85	8 31.27	8	
1/4	1/4 3377.65	1/4 3060.47	1/4 2743.29	1/4 2426.10	1/4 2108.92	1/4 1791.73	1/4 1474.55	1/4 1157.37	1/4 840.18	1/4 527.92	1/4 253.54	1/4 28.20	1/4	
1/2	3577.51	1/2 3371.05	1/2 3053.86	1/2 2736.68	1/2 2419.49	1/2 2102.31	1/2 1785.13	1/2 1467.94	1/2 1150.76	1/2 833.57	1/2 521.67	1/2 248.24	1/2 25.13	1/2
3/4	3577.11	3/4 3364.44	3/4 3047.25	3/4 2730.07	3/4 2412.89	3/4 2095.70	3/4 1778.52	3/4 1461.33	3/4 1144.15	3/4 826.97	3/4 515.43	3/4 242.93	3/4 22.06	3/4
9	9 3576.72	9 3357.83	9 3040.65	9 2723.46	9 2406.28	9 2089.09	9 1771.91	9 1454.73	9 1137.54	9 820.36	9 509.19	9 237.63	9 18.99	9
1/4	1/4 3576.33	1/4 3351.22	1/4 3034.04	1/4 2716.85	1/4 2399.67	1/4 2082.49	1/4 1765.30	1/4 1448.12	1/4 1130.93	1/4 813.75	1/4 503.18	1/4 232.56	1/4 16.82	1/4
1/2	1/2 3575.94	1/2 3344.61	1/2 3027.43	1/2 2710.25	1/2 2393.06	1/2 2075.88	1/2 1758.69	1/2 1441.51	1/2 1124.33	1/2 807.14	1/2 497.17	1/2 227.49	1/2 14.65	1/2
3/4	3574.76	3/4 3338.01	3/4 3020.82	3/4 2703.64	3/4 2386.45	3/4 2069.27	3/4 1752.09	3/4 1434.90	3/4 1117.72	3/4 800.53	3/4 491.16	3/4 222.42	3/4 12.48	3/4
10	10 3573.58	10 3331.40	10 3014.21	10 2697.03	10 2379.85	10 2062.66	10 1745.48	10 1428.29	10 1111.11	10 793.93	10 485.15	10 217.35	10 10.31	10
1/4	1/4 3572.40	1/4 3324.79	1/4 3007.61	1/4 2690.42	1/4 2373.24	1/4 2056.05	1/4 1738.87	1/4 1421.69	1/4 1104.50	1/4 787.32	1/4 479.14	1/4 212.28	1/4 8.81	1/4
1/2	1/2 3571.22	1/2 3318.18	1/2 3001.00	1/2 2683.81	1/2 2366.63	1/2 2049.45	1/2 1732.26	1/2 1415.08	1/2 1097.89	1/2 780.71	1/2 473.13	1/2 207.21	1/2 *7.30	1/2
3/4	3569.25	3/4 3311.57	3/4 2994.39	3/4 2677.21	3/4 2360.02	3/4 2042.84	3/4 1725.65	3/4 1408.47	3/4 1091.29	3/4 774.10	3/4 467.12	3/4 202.14	3/4	3/4
11	11 3567.28	11 3304.97	11 2987.78	11 2670.60	11 2353.41	11 2036.23	11 1719.05	11 1401.86	11 1084.68	11 767.49	11 461.11	11 197.07	11	11
1/4	1/4 3565.32	1/4 3298.36	1/4 2981.17	1/4 2663.99	1/4 2346.81	1/4 2029.62	1/4 1712.44	1/4 1395.25	1/4 1078.07	1/4 760.89	1/4 455.10	1/4 192.00	1/4	1/4
1/2	1/2 3563.35	1/2 3291.75	1/2 2974.57	1/2 2657.38	1/2 2340.20	1/2 2023.01	1/2 1705.83	1/2 1388.65	1/2 1071.46	1/2 754.28	1/2 449.09	1/2 186.94	1/2	1/2
3/4	3560.60	3/4 3285.14	3/4 2967.96	3/4 2650.77	3/4 2333.59	3/4 2016.41	3/4 1699.22	3/4 1382.04	3/4 1064.85	3/4 747.67	3/4 443.08	3/4 181.87	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10 1/2" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 8/31/99

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0 3563.35	0 3291.75	0 2974.57	0 2657.38	0 2340.20	0 2023.01	0 1705.83	0 1388.65	0 1071.46	0 754.28	0 449.09	0 186.94	0
1/4	1/4 3560.60	1/4 3285.14	1/4 2967.96	1/4 2650.77	1/4 2333.59	1/4 2016.41	1/4 1699.22	1/4 1382.04	1/4 1064.85	1/4 747.67	1/4 443.08	1/4 181.87	1/4
1/2	1/2 3557.84	1/2 3278.53	1/2 2961.35	1/2 2644.17	1/2 2326.98	1/2 2009.80	1/2 1692.61	1/2 1375.43	1/2 1058.25	1/2 741.06	1/2 437.07	1/2 176.80	1/2
3/4	3/4 3555.09	3/4 3271.93	3/4 2954.74	3/4 2637.56	3/4 2320.37	3/4 2003.19	3/4 1686.01	3/4 1368.82	3/4 1051.64	3/4 734.45	3/4 431.29	3/4 171.96	3/4
1	1 3552.33	1 3265.32	1 2948.13	1 2630.95	1 2313.77	1 1996.58	1 1679.40	1 1362.21	1 1045.03	1 727.85	1 425.52	1 167.13	1
1/4	1/4 3548.79	1/4 3258.71	1/4 2941.53	1/4 2624.34	1/4 2307.16	1/4 1989.97	1/4 1672.79	1/4 1355.61	1/4 1038.42	1/4 721.24	1/4 419.74	1/4 162.30	1/4
1/2	1/2 3545.25	1/2 3252.10	1/2 2934.92	1/2 2617.73	1/2 2300.55	1/2 1983.37	1/2 1666.18	1/2 1349.00	1/2 1031.81	1/2 714.63	1/2 413.97	1/2 157.46	1/2
3/4	3/4 3541.71	3/4 3245.49	3/4 2928.31	3/4 2611.13	3/4 2293.94	3/4 1976.76	3/4 1659.57	3/4 1342.39	3/4 1025.21	3/4 708.03	3/4 408.19	3/4 152.63	3/4
2	2 3538.17	2 3238.89	2 2921.70	2 2604.52	2 2287.33	2 1970.15	2 1652.97	2 1335.78	2 1018.60	2 701.44	2 402.42	2 147.79	2
1/4	1/4 3533.84	1/4 3232.28	1/4 2915.09	1/4 2597.91	1/4 2280.73	1/4 1963.54	1/4 1646.36	1/4 1329.17	1/4 1011.99	1/4 694.84	1/4 396.64	1/4 142.96	1/4
1/2	1/2 3529.51	1/2 3225.67	1/2 2908.49	1/2 2591.30	1/2 2274.12	1/2 1956.93	1/2 1639.75	1/2 1322.57	1/2 1005.38	1/2 688.25	1/2 390.87	1/2 138.13	1/2
3/4	3/4 3525.18	3/4 3219.06	3/4 2901.88	3/4 2584.69	3/4 2267.51	3/4 1950.33	3/4 1633.14	3/4 1315.96	3/4 998.77	3/4 681.65	3/4 385.09	3/4 133.29	3/4
3	3 3520.85	3 3212.45	3 2895.27	3 2578.09	3 2260.90	3 1943.72	3 1626.53	3 1309.35	3 992.17	3 675.05	3 379.32	3 128.46	3
1/4	1/4 3515.73	1/4 3205.85	1/4 2888.66	1/4 2571.48	1/4 2254.29	1/4 1937.11	1/4 1619.93	1/4 1302.74	1/4 985.56	1/4 668.46	1/4 373.54	1/4 123.62	1/4
1/2	1/2 3510.62	1/2 3199.24	1/2 2882.05	1/2 2564.87	1/2 2247.69	1/2 1930.50	1/2 1613.32	1/2 1296.13	1/2 978.95	1/2 661.86	1/2 367.77	1/2 118.79	1/2
3/4	3/4 3505.50	3/4 3192.63	3/4 2875.45	3/4 2558.26	3/4 2241.08	3/4 1923.89	3/4 1606.71	3/4 1289.53	3/4 972.34	3/4 655.38	3/4 362.23	3/4 114.19	3/4
4	4 3500.39	4 3186.02	4 2868.84	4 2551.65	4 2234.47	4 1917.29	4 1600.10	4 1282.92	4 965.73	4 648.90	4 356.69	4 109.59	4
1/4	1/4 3494.48	1/4 3179.41	1/4 2862.23	1/4 2545.05	1/4 2227.86	1/4 1910.68	1/4 1593.49	1/4 1276.31	1/4 959.13	1/4 642.42	1/4 351.15	1/4 104.99	1/4
1/2	1/2 3488.58	1/2 3172.81	1/2 2855.62	1/2 2538.44	1/2 2221.25	1/2 1904.07	1/2 1586.89	1/2 1269.70	1/2 952.52	1/2 635.95	1/2 345.61	1/2 100.39	1/2
3/4	3/4 3482.68	3/4 3166.20	3/4 2849.01	3/4 2531.83	3/4 2214.65	3/4 1897.46	3/4 1580.28	3/4 1263.09	3/4 945.91	3/4 629.47	3/4 340.07	3/4 95.79	3/4
5	5 3476.77	5 3159.59	5 2842.41	5 2525.22	5 2208.04	5 1890.85	5 1573.67	5 1256.49	5 939.30	5 622.99	5 334.53	5 91.20	5
1/4	1/4 3470.17	1/4 3152.98	1/4 2835.80	1/4 2518.61	1/4 2201.43	1/4 1884.25	1/4 1567.06	1/4 1249.88	1/4 932.69	1/4 616.51	1/4 328.99	1/4 86.60	1/4
1/2	1/2 3463.56	1/2 3146.37	1/2 2829.19	1/2 2512.01	1/2 2194.82	1/2 1877.64	1/2 1560.45	1/2 1243.27	1/2 926.09	1/2 610.03	1/2 323.45	1/2 82.00	1/2
3/4	3/4 3456.95	3/4 3139.77	3/4 2822.58	3/4 2505.40	3/4 2188.21	3/4 1871.03	3/4 1553.85	3/4 1236.66	3/4 919.48	3/4 603.55	3/4 317.91	3/4 77.40	3/4
6	6 3450.34	6 3133.16	6 2815.97	6 2498.79	6 2181.61	6 1864.42	6 1547.24	6 1230.05	6 912.87	6 597.07	6 312.37	6 72.80	6
1/4	1/4 3443.73	1/4 3126.55	1/4 2809.37	1/4 2492.18	1/4 2175.00	1/4 1857.81	1/4 1540.63	1/4 1223.45	1/4 906.26	1/4 590.59	1/4 306.83	1/4 68.20	1/4
1/2	1/2 3437.13	1/2 3119.94	1/2 2802.76	1/2 2485.57	1/2 2168.39	1/2 1851.21	1/2 1534.02	1/2 1216.84	1/2 899.65	1/2 584.11	1/2 301.29	1/2 63.60	1/2
3/4	3/4 3430.52	3/4 3113.33	3/4 2796.15	3/4 2478.97	3/4 2161.78	3/4 1844.60	3/4 1527.41	3/4 1210.23	3/4 893.05	3/4 577.87	3/4 295.98	3/4 59.24	3/4
7	7 3423.91	7 3106.73	7 2789.54	7 2472.36	7 2155.17	7 1837.99	7 1520.81	7 1203.62	7 886.44	7 571.63	7 290.68	7 54.87	7
1/4	1/4 3417.30	1/4 3100.12	1/4 2782.93	1/4 2465.75	1/4 2148.57	1/4 1831.38	1/4 1514.20	1/4 1197.01	1/4 879.83	1/4 565.38	1/4 285.37	1/4 50.51	1/4
1/2	1/2 3410.69	1/2 3093.51	1/2 2776.33	1/2 2459.14	1/2 2141.96	1/2 1824.77	1/2 1507.59	1/2 1190.41	1/2 873.22	1/2 559.14	1/2 280.07	1/2 46.14	1/2
3/4	3/4 3404.09	3/4 3086.90	3/4 2769.72	3/4 2452.53	3/4 2135.35	3/4 1818.17	3/4 1500.98	3/4 1183.80	3/4 866.61	3/4 552.89	3/4 274.76	3/4 42.42	3/4
8	8 3397.48	8 3080.29	8 2763.11	8 2445.93	8 2128.74	8 1811.56	8 1494.37	8 1177.19	8 860.01	8 546.65	8 269.46	8 38.70	8
1/4	1/4 3390.87	1/4 3073.69	1/4 2756.50	1/4 2439.32	1/4 2122.13	1/4 1804.95	1/4 1487.77	1/4 1170.58	1/4 853.40	1/4 540.41	1/4 264.15	1/4 34.98	1/4
1/2	1/2 3384.26	1/2 3067.08	1/2 2749.89	1/2 2432.71	1/2 2115.53	1/2 1798.34	1/2 1481.16	1/2 1163.97	1/2 846.79	1/2 534.16	1/2 258.85	1/2 31.27	1/2
3/4	3/4 3377.65	3/4 3060.47	3/4 2743.29	3/4 2426.10	3/4 2108.92	3/4 1791.73	3/4 1474.55	3/4 1157.37	3/4 840.18	3/4 527.92	3/4 253.54	3/4 28.20	3/4
9	9 3577.51	9 3371.05	9 3053.86	9 2736.68	9 2419.49	9 2102.31	9 1785.13	9 1467.94	9 1150.76	9 833.57	9 521.67	9 248.24	9
1/4	1/4 3577.11	1/4 3364.44	1/4 3047.25	1/4 2730.07	1/4 2412.89	1/4 2095.70	1/4 1778.52	1/4 1461.33	1/4 1144.15	1/4 826.97	1/4 515.43	1/4 242.93	1/4
1/2	1/2 3576.72	1/2 3357.83	1/2 3040.65	1/2 2723.46	1/2 2406.28	1/2 2089.09	1/2 1771.91	1/2 1454.73	1/2 1137.54	1/2 820.36	1/2 509.19	1/2 237.63	1/2
3/4	3/4 3576.33	3/4 3351.22	3/4 3034.04	3/4 2716.85	3/4 2399.67	3/4 2082.49	3/4 1765.30	3/4 1448.12	3/4 1130.93	3/4 813.75	3/4 503.18	3/4 232.56	3/4
10	10 3575.94	10 3344.61	10 3027.43	10 2710.25	10 2393.06	10 2075.88	10 1758.69	10 1441.51	10 1124.33	10 807.14	10 497.17	10 227.49	10
1/4	1/4 3574.76	1/4 3338.01	1/4 3020.82	1/4 2703.64	1/4 2386.45	1/4 2069.27	1/4 1752.09	1/4 1434.90	1/4 1117.72	1/4 800.53	1/4 491.16	1/4 222.42	1/4
1/2	1/2 3573.58	1/2 3331.40	1/2 3014.21	1/2 2697.03	1/2 2379.85	1/2 2062.66	1/2 1745.48	1/2 1428.29	1/2 1111.11	1/2 793.93	1/2 485.15	1/2 217.35	1/2
3/4	3/4 3572.40	3/4 3324.79	3/4 3007.61	3/4 2690.42	3/4 2373.24	3/4 2056.05	3/4 1738.87	3/4 1421.69	3/4 1104.50	3/4 787.32	3/4 479.14	3/4 212.28	3/4
11	11 3571.22	11 3318.18	11 3001.00	11 2683.81	11 2366.63	11 2049.45	11 1732.26	11 1415.08	11 1097.89	11 780.71	11 473.13	11 207.21	11
1/4	1/4 3569.25	1/4 3311.57	1/4 2994.39	1/4 2677.21	1/4 2360.02	1/4 2042.84	1/4 1725.65	1/4 1408.47	1/4 1091.29	1/4 774.10	1/4 467.12	1/4 202.14	1/4
1/2	1/2 3567.28	1/2 3304.97	1/2 2987.78	1/2 2670.60	1/2 2353.41	1/2 2036.23	1/2 1719.05	1/2 1401.86	1/2 1084.68	1/2 767.49	1/2 461.11	1/2 197.07	1/2
3/4	3/4 3565.32	3/4 3298.36	3/4 2981.17	3/4 2663.99	3/4 2346.81	3/4 2029.62	3/4 1712.44	3/4 1395.25	3/4 1078.07	3/4 760.89	3/4 455.10	3/4 192.00	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-11" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 8/31/99

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

2 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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	FEET
IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0 3377.33	0 3130.45	0 2841.87	0 2553.29	0 2264.72	0 1976.14	0 1687.56	0 1399.20	0 1110.89	0 822.32	0 533.74	0 245.16	0
1/4	1/4 3375.45	1/4 3124.43	1/4 2835.86	1/4 2547.28	1/4 2258.70	1/4 1970.13	1/4 1681.55	1/4 1393.20	1/4 1104.88	1/4 816.30	1/4 527.73	1/4 239.15	1/4
1/2	1/2 3372.82	1/2 3118.42	1/2 2829.84	1/2 2541.27	1/2 2252.69	1/2 1964.12	1/2 1675.54	1/2 1387.19	1/2 1098.87	1/2 810.29	1/2 521.72	1/2 233.14	1/2
3/4	3/4 3370.19	3/4 3112.41	3/4 2823.83	3/4 2535.26	3/4 2246.68	3/4 1958.10	3/4 1669.53	3/4 1381.19	3/4 1092.86	3/4 804.28	3/4 515.70	3/4 227.13	3/4
1	1 3367.56	1 3106.40	1 2817.82	1 2529.24	1 2240.67	1 1952.09	1 1663.52	1 1375.19	1 1086.84	1 798.27	1 509.69	1 221.12	1
1/4	1/4 3364.93	1/4 3100.39	1/4 2811.81	1/4 2523.23	1/4 2234.66	1/4 1946.08	1/4 1657.50	1/4 1369.19	1/4 1080.83	1/4 792.26	1/4 503.68	1/4 215.10	1/4
1/2	1/2 3361.55	1/2 3094.37	1/2 2805.80	1/2 2517.22	1/2 2228.64	1/2 1940.07	1/2 1651.49	1/2 1363.19	1/2 1074.82	1/2 786.24	1/2 497.67	1/2 209.09	1/2
3/4	3/4 3358.16	3/4 3088.36	3/4 2799.78	3/4 2511.21	3/4 2222.63	3/4 1934.06	3/4 1645.48	3/4 1357.18	3/4 1068.81	3/4 780.23	3/4 491.66	3/4 203.08	3/4
2	2 3354.78	2 3082.35	2 2793.77	2 2505.20	2 2216.62	2 1928.04	2 1639.47	2 1351.18	2 1062.80	2 774.22	2 485.64	2 197.13	2
1/4	1/4 3351.40	1/4 3076.34	1/4 2787.76	1/4 2499.18	1/4 2210.61	1/4 1922.03	1/4 1633.46	1/4 1345.18	1/4 1056.78	1/4 768.21	1/4 479.63	1/4 191.18	1/4
1/2	1/2 3347.26	1/2 3070.32	1/2 2781.75	1/2 2493.17	1/2 2204.60	1/2 1916.02	1/2 1627.44	1/2 1339.18	1/2 1050.77	1/2 762.20	1/2 473.62	1/2 185.23	1/2
3/4	3/4 3343.13	3/4 3064.31	3/4 2775.74	3/4 2487.16	3/4 2198.58	3/4 1910.01	3/4 1621.43	3/4 1333.18	3/4 1044.76	3/4 756.18	3/4 467.61	3/4 179.28	3/4
3	3 3339.00	3 3058.30	3 2769.72	3 2481.15	3 2192.57	3 1904.00	3 1615.42	3 1327.17	3 1038.75	3 750.17	3 461.60	3 173.34	3
1/4	1/4 3334.86	1/4 3052.29	1/4 2763.71	1/4 2475.14	1/4 2186.56	1/4 1897.98	1/4 1609.41	1/4 1321.17	1/4 1032.74	1/4 744.16	1/4 455.58	1/4 167.39	1/4
1/2	1/2 3329.98	1/2 3046.28	1/2 2757.70	1/2 2469.12	1/2 2180.55	1/2 1891.97	1/2 1603.40	1/2 1315.17	1/2 1026.72	1/2 738.15	1/2 449.57	1/2 161.44	1/2
3/4	3/4 3325.09	3/4 3040.26	3/4 2751.69	3/4 2463.11	3/4 2174.54	3/4 1885.96	3/4 1597.38	3/4 1309.17	3/4 1020.71	3/4 732.14	3/4 443.56	3/4 155.49	3/4
4	4 3320.21	4 3034.25	4 2745.68	4 2457.10	4 2168.52	4 1879.95	4 1591.37	4 1303.17	4 1014.70	4 726.12	4 437.55	4 149.54	4
1/4	1/4 3315.32	1/4 3028.24	1/4 2739.66	1/4 2451.09	1/4 2162.51	1/4 1873.94	1/4 1585.36	1/4 1297.16	1/4 1008.69	1/4 720.11	1/4 431.54	1/4 143.59	1/4
1/2	1/2 3309.68	1/2 3022.23	1/2 2733.65	1/2 2445.08	1/2 2156.50	1/2 1867.92	1/2 1579.35	1/2 1291.16	1/2 1002.68	1/2 714.10	1/2 425.52	1/2 137.64	1/2
3/4	3/4 3304.05	3/4 3016.22	3/4 2727.64	3/4 2439.06	3/4 2150.49	3/4 1861.91	3/4 1573.34	3/4 1285.16	3/4 996.66	3/4 708.09	3/4 419.51	3/4 131.69	3/4
5	5 3298.41	5 3010.20	5 2721.63	5 2433.05	5 2144.48	5 1855.90	5 1567.32	5 1279.16	5 990.65	5 702.08	5 413.50	5 125.74	5
1/4	1/4 3292.77	1/4 3004.19	1/4 2715.62	1/4 2427.04	1/4 2138.46	1/4 1849.89	1/4 1561.31	1/4 1273.16	1/4 984.64	1/4 696.06	1/4 407.49	1/4 119.79	1/4
1/2	1/2 3286.76	1/2 2998.18	1/2 2709.60	1/2 2421.03	1/2 2132.45	1/2 1843.88	1/2 1555.30	1/2 1267.15	1/2 978.63	1/2 690.05	1/2 401.48	1/2 113.85	1/2
3/4	3/4 3280.75	3/4 2992.17	3/4 2703.59	3/4 2415.02	3/4 2126.44	3/4 1837.86	3/4 1549.29	3/4 1261.15	3/4 972.62	3/4 684.04	3/4 395.46	3/4 107.90	3/4
6	6 3274.73	6 2986.16	6 2697.58	6 2409.00	6 2120.43	6 1831.85	6 1543.28	6 1255.15	6 966.60	6 678.03	6 389.45	6 101.95	6
1/4	1/4 3268.72	1/4 2980.14	1/4 2691.57	1/4 2402.99	1/4 2114.42	1/4 1825.84	1/4 1537.26	1/4 1249.15	1/4 960.59	1/4 672.02	1/4 383.44	1/4 96.00	1/4
1/2	1/2 3262.71	1/2 2974.13	1/2 2685.56	1/2 2396.98	1/2 2108.40	1/2 1819.83	1/2 1531.25	1/2 1243.15	1/2 954.58	1/2 666.00	1/2 377.43	1/2 90.05	1/2
3/4	3/4 3256.70	3/4 2968.12	3/4 2679.54	3/4 2390.97	3/4 2102.39	3/4 1813.82	3/4 1525.24	3/4 1237.14	3/4 948.57	3/4 659.99	3/4 371.42	3/4 84.10	3/4
7	7 3250.69	7 2962.11	7 2673.53	7 2384.96	7 2096.38	7 1807.80	7 1519.24	7 1231.13	7 942.56	7 653.98	7 365.40	7 78.15	7
1/4	1/4 3244.67	1/4 2956.10	1/4 2667.52	1/4 2378.94	1/4 2090.37	1/4 1801.79	1/4 1513.24	1/4 1225.12	1/4 936.54	1/4 647.97	1/4 359.39	1/4 72.20	1/4
1/2	1/2 3238.66	1/2 2950.08	1/2 2661.51	1/2 2372.93	1/2 2084.36	1/2 1795.78	1/2 1507.23	1/2 1219.11	1/2 930.53	1/2 641.96	1/2 353.38	1/2 66.25	1/2
3/4	3/4 3232.65	3/4 2944.07	3/4 2655.50	3/4 2366.92	3/4 2078.34	3/4 1789.77	3/4 1501.23	3/4 1213.10	3/4 924.52	3/4 635.94	3/4 347.37	3/4 60.30	3/4
8	8 3226.64	8 2938.06	8 2649.48	8 2360.91	8 2072.33	8 1783.76	8 1495.23	8 1207.08	8 918.51	8 629.93	8 341.36	8 54.96	8
1/4	1/4 3220.63	1/4 2932.05	1/4 2643.47	1/4 2354.90	1/4 2066.32	1/4 1777.74	1/4 1489.23	1/4 1201.07	1/4 912.50	1/4 623.92	1/4 335.34	1/4 49.61	1/4
1/2	1/2 3214.61	1/2 2926.04	1/2 2637.46	1/2 2348.88	1/2 2060.31	1/2 1771.73	1/2 1483.23	1/2 1195.06	1/2 906.48	1/2 617.91	1/2 329.33	1/2 44.26	1/2
3/4	3/4 3208.60	3/4 2920.02	3/4 2631.45	3/4 2342.87	3/4 2054.30	3/4 1765.72	3/4 1477.22	3/4 1189.05	3/4 900.47	3/4 611.90	3/4 323.32	3/4 38.91	3/4
9	9 3202.59	9 2914.01	9 2625.44	9 2336.86	9 2048.28	9 1759.71	9 1471.22	9 1183.04	9 894.46	9 605.88	9 317.31	9 34.70	9
1/4	3388.99 1/4 3196.58	1/4 2908.00	1/4 2619.42	1/4 2330.85	1/4 2042.27	1/4 1753.70	1/4 1465.22	1/4 1177.02	1/4 888.45	1/4 599.87	1/4 311.30	1/4 30.50	1/4
1/2	3388.61 1/2 3190.57	1/2 2901.99	1/2 2613.41	1/2 2324.84	1/2 2036.26	1/2 1747.68	1/2 1459.22	1/2 1171.01	1/2 882.44	1/2 593.86	1/2 305.28	1/2 26.29	1/2
3/4	3388.24 3/4 3184.55	3/4 2895.98	3/4 2607.40	3/4 2318.82	3/4 2030.25	3/4 1741.67	3/4 1453.22	3/4 1165.00	3/4 876.42	3/4 587.85	3/4 299.27	3/4 22.08	3/4
10	10 3387.86	10 3178.54	10 2889.96	10 2601.39	10 2312.81	10 2024.24	10 1735.66	10 1447.21	10 1158.99	10 870.41	10 581.84	10 293.26	10
1/4	3387.48 1/4 3172.53	1/4 2883.95	1/4 2595.38	1/4 2306.80	1/4 2018.22	1/4 1729.65	1/4 1441.21	1/4 1152.98	1/4 864.40	1/4 575.82	1/4 287.25	1/4 16.07	1/4
1/2	3386.35 1/2 3166.52	1/2 2877.94	1/2 2589.36	1/2 2300.79	1/2 2012.21	1/2 1723.64	1/2 1435.21	1/2 1146.96	1/2 858.39	1/2 569.81	1/2 281.24	1/2 13.06	1/2
3/4	3385.23 3/4 3160.51	3/4 2871.93	3/4 2583.35	3/4 2294.78	3/4 2006.20	3/4 1717.62	3/4 1429.21	3/4 1140.95	3/4 852.38	3/4 563.80	3/4 275.22	3/4 *10.06	3/4
11	11 3384.10	11 3154.49	11 2865.92	11 2577.34	11 2288.76	11 2000.19	11 1711.61	11 1423.21	11 1134.94	11 846.36	11 557.79	11 269.21	11
1/4	3382.97 1/4 3148.48	1/4 2859.90	1/4 2571.33	1/4 2282.75	1/4 1994.18	1/4 1705.60	1/4 1417.20	1/4 1128.93	1/4 840.35	1/4 551.78	1/4 263.20	1/4	1/4
1/2	3381.09 1/2 3142.47	1/2 2853.89	1/2 2565.32	1/2 2276.74	1/2 1988.16	1/2 1699.59	1/2 1411.20	1/2 1122.92	1/2 834.34	1/2 545.76	1/2 257.19	1/2	1/2
3/4	3379.21 3/4 3136.46	3/4 2847.88	3/4 2559.30	3/4 2270.73	3/4 1982.15	3/4 1693.58	3/4 1405.20	3/4 1116.90	3/4 828.33	3/4 539.75	3/4 251.18	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10 3/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 8/31/99

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

3 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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		FEET				
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		
0		0	3403.15	0	3146.45	0	2855.28	0	2564.12	0	2272.95	0	1981.78	0	1690.61	0	1399.67	0	1108.76	0	817.59	0	526.42	0	235.25	0			0	
1/4		1/4	3400.49	1/4	3140.39	1/4	2849.22	1/4	2558.05	1/4	2266.88	1/4	1975.71	1/4	1684.55	1/4	1393.62	1/4	1102.69	1/4	811.52	1/4	520.35	1/4	229.19	1/4			1/4	
1/2		1/2	3397.84	1/2	3134.32	1/2	2843.15	1/2	2551.98	1/2	2260.82	1/2	1969.65	1/2	1678.48	1/2	1387.56	1/2	1096.62	1/2	805.46	1/2	514.29	1/2	223.12	1/2			1/2	
3/4		3/4	3395.18	3/4	3128.25	3/4	2837.09	3/4	2545.92	3/4	2254.75	3/4	1963.58	3/4	1672.41	3/4	1381.51	3/4	1090.56	3/4	799.39	3/4	508.22	3/4	217.05	3/4			3/4	
1		1	3391.77	1	3122.19	1	2831.02	1	2539.85	1	2248.68	1	1957.52	1	1666.35	1	1375.45	1	1084.49	1	793.32	1	502.16	1	210.99	1			1	
1/4		1/4	3388.35	1/4	3116.12	1/4	2824.95	1/4	2533.79	1/4	2242.62	1/4	1951.45	1/4	1660.28	1/4	1369.39	1/4	1078.43	1/4	787.26	1/4	496.09	1/4	204.92	1/4			1/4	
1/2		1/2	3384.94	1/2	3110.06	1/2	2818.89	1/2	2527.72	1/2	2236.55	1/2	1945.38	1/2	1654.22	1/2	1363.34	1/2	1072.36	1/2	781.19	1/2	490.02	1/2	198.92	1/2			1/2	
3/4		3/4	3381.53	3/4	3103.99	3/4	2812.82	3/4	2521.65	3/4	2230.49	3/4	1939.32	3/4	1648.15	3/4	1357.28	3/4	1066.29	3/4	775.13	3/4	483.96	3/4	192.92	3/4			3/4	
2		2	3377.35	2	3097.92	2	2806.76	2	2515.59	2	2224.42	2	1933.25	2	1642.08	2	1351.23	2	1060.23	2	769.06	2	477.89	2	186.91	2			2	
1/4		1/4	3373.18	1/4	3091.86	1/4	2800.69	1/4	2509.52	1/4	2218.35	1/4	1927.19	1/4	1636.02	1/4	1345.17	1/4	1054.16	1/4	762.99	1/4	471.83	1/4	180.91	1/4			1/4	
1/2		1/2	3369.01	1/2	3085.79	1/2	2794.62	1/2	2503.46	1/2	2212.29	1/2	1921.12	1/2	1629.95	1/2	1339.11	1/2	1048.10	1/2	756.93	1/2	465.76	1/2	174.91	1/2			1/2	
3/4		3/4	3364.84	3/4	3079.73	3/4	2788.56	3/4	2497.39	3/4	2206.22	3/4	1915.05	3/4	1623.89	3/4	1333.06	3/4	1042.03	3/4	750.86	3/4	459.69	3/4	168.90	3/4			3/4	
3		3	3359.91	3	3073.66	3	2782.49	3	2491.32	3	2200.16	3	1908.99	3	1617.82	3	1327.00	3	1035.96	3	744.80	3	453.63	3	162.90	3			3	
1/4		1/4	3354.98	1/4	3067.59	1/4	2776.43	1/4	2485.26	1/4	2194.09	1/4	1902.92	1/4	1611.75	1/4	1320.95	1/4	1029.90	1/4	738.73	1/4	447.56	1/4	156.90	1/4			1/4	
1/2		1/2	3350.05	1/2	3061.53	1/2	2770.36	1/2	2479.19	1/2	2188.02	1/2	1896.86	1/2	1605.69	1/2	1314.89	1/2	1023.83	1/2	732.66	1/2	441.50	1/2	150.89	1/2			1/2	
3/4		3/4	3345.12	3/4	3055.46	3/4	2764.29	3/4	2473.13	3/4	2181.96	3/4	1890.79	3/4	1599.62	3/4	1308.83	3/4	1017.77	3/4	726.60	3/4	435.43	3/4	144.89	3/4			3/4	
4		4	3339.43	4	3049.40	4	2758.23	4	2467.06	4	2175.89	4	1884.72	4	1593.56	4	1302.78	4	1011.70	4	720.53	4	429.36	4	138.89	4			4	
1/4		1/4	3333.74	1/4	3043.33	1/4	2752.16	1/4	2460.99	1/4	2169.83	1/4	1878.66	1/4	1587.49	1/4	1296.72	1/4	1005.63	1/4	714.47	1/4	423.30	1/4	132.89	1/4			1/4	
1/2		1/2	3328.05	1/2	3037.26	1/2	2746.10	1/2	2454.93	1/2	2163.76	1/2	1872.59	1/2	1581.42	1/2	1290.67	1/2	999.57	1/2	708.40	1/2	417.23	1/2	126.88	1/2			1/2	
3/4		3/4	3322.37	3/4	3031.20	3/4	2740.03	3/4	2448.86	3/4	2157.69	3/4	1866.53	3/4	1575.36	3/4	1284.61	3/4	993.50	3/4	702.33	3/4	411.17	3/4	120.88	3/4			3/4	
5		5	3316.30	5	3025.13	5	2733.96	5	2442.80	5	2151.63	5	1860.46	5	1569.29	5	1278.55	5	987.44	5	696.27	5	405.10	5	114.88	5			5	
1/4		1/4	3310.23	1/4	3019.07	1/4	2727.90	1/4	2436.73	1/4	2145.56	1/4	1854.39	1/4	1563.23	1/4	1272.50	1/4	981.37	1/4	690.20	1/4	399.03	1/4	108.87	1/4			1/4	
1/2		1/2	3304.17	1/2	3013.00	1/2	2721.83	1/2	2430.66	1/2	2139.50	1/2	1848.33	1/2	1557.16	1/2	1266.44	1/2	975.30	1/2	684.14	1/2	392.97	1/2	102.87	1/2			1/2	
3/4		3/4	3298.10	3/4	3006.93	3/4	2715.77	3/4	2424.60	3/4	2133.43	3/4	1842.26	3/4	1551.09	3/4	1260.39	3/4	969.24	3/4	678.07	3/4	385.90	3/4	96.87	3/4			3/4	
6		6	3292.04	6	3000.87	6	2709.70	6	2418.53	6	2127.36	6	1836.20	6	1545.03	6	1254.33	6	963.17	6	672.00	6	380.84	6	90.86	6			6	
1/4		1/4	3285.97	1/4	2994.80	1/4	2703.63	1/4	2412.47	1/4	2121.30	1/4	1830.13	1/4	1538.96	1/4	1248.27	1/4	957.11	1/4	665.94	1/4	374.77	1/4	84.86	1/4			1/4	
1/2		1/2	3279.90	1/2	2988.74	1/2	2697.57	1/2	2406.40	1/2	2115.23	1/2	1824.06	1/2	1532.91	1/2	1242.21	1/2	951.04	1/2	659.87	1/2	368.70	1/2	78.86	1/2			1/2	
3/4		3/4	3273.84	3/4	2982.67	3/4	2691.50	3/4	2400.33	3/4	2109.17	3/4	1818.00	3/4	1526.85	3/4	1236.14	3/4	944.97	3/4	653.81	3/4	362.64	3/4	72.86	3/4			3/4	
7		7	3267.77	7	2976.60	7	2685.44	7	2394.27	7	2103.10	7	1811.93	7	1520.79	7	1230.08	7	938.91	7	647.74	7	356.57	7	66.85	7			7	
1/4		1/4	3261.71	1/4	2970.54	1/4	2679.37	1/4	2388.20	1/4	2097.03	1/4	1805.87	1/4	1514.74	1/4	1224.01	1/4	932.84	1/4	641.67	1/4	350.51	1/4	60.85	1/4			1/4	
1/2		1/2	3255.64	1/2	2964.47	1/2	2673.30	1/2	2382.14	1/2	2090.97	1/2	1799.80	1/2	1508.68	1/2	1217.94	1/2	926.78	1/2	635.61	1/2	344.44	1/2	55.45	1/2			1/2	
3/4		3/4	3249.57	3/4	2958.41	3/4	2667.24	3/4	2376.07	3/4	2084.90	3/4	1793.73	3/4	1502.63	3/4	1211.88	3/4	920.71	3/4	629.54	3/4	338.37	3/4	50.06	3/4			3/4	
8		8	3243.51	8	2952.34	8	2661.17	8	2370.00	8	2078.84	8	1787.67	8	1496.57	8	1205.81	8	914.64	8	623.48	8	332.31	8	44.66	8			8	
1/4		1/4	3237.44	1/4	2946.27	1/4	2655.11	1/4	2363.94	1/4	2072.77	1/4	1781.60	1/4	1490.51	1/4	1199.75	1/4	908.58	1/4	617.41	1/4	326.24	1/4	39.27	1/4			1/4	
1/2		1/2	3231.38	1/2	2940.21	1/2	2649.04	1/2	2357.87	1/2	2066.70	1/2	1775.54	1/2	1484.46	1/2	1193.68	1/2	902.51	1/2	611.34	1/2	320.18	1/2	35.02	1/2			1/2	
3/4	3419.46	3/4	3225.31	3/4	2934.14	3/4	2642.97	3/4	2351.81	3/4	2060.64	3/4	1769.47	3/4	1478.40	3/4	1187.61	3/4	896.45	3/4	605.28	3/4	314.11	3/4	30.77	3/4			3/4	
9	3419.08	9	3219.24	9	2928.08	9	2636.91	9	2345.74	9	2054.57	9	1763.40																	

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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		13 FEET				
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		
0		0		0	2643.43	0	2612.71	0	2398.13	0	2140.41	0	1882.70	0	1624.99	0	1367.28	0	1110.04	0	852.33	0	594.62	0	336.91	0	80.39			
1/4	1/4	1/4	2642.80	1/4	2611.60	1/4	2392.76	1/4	2135.04	1/4	1877.33	1/4	1619.62	1/4	1361.91	1/4	1104.68	1/4	846.96	1/4	589.25	1/4	331.54	1/4	75.09					
1/2	1/2	1/2	2642.17	1/2	2610.50	1/2	2387.39	1/2	2129.68	1/2	1871.96	1/2	1614.25	1/2	1356.55	1/2	1099.31	1/2	841.60	1/2	583.88	1/2	326.17	1/2	69.78					
3/4	3/4	3/4	2641.54	3/4	2609.39	3/4	2382.02	3/4	2124.31	3/4	1866.59	3/4	1608.88	3/4	1351.19	3/4	1093.94	3/4	836.23	3/4	578.51	3/4	320.80	3/4	64.48					
1		1		1	2640.91	1	2607.34	1	2376.65	1	2118.94	1	1861.23	1	1603.51	1	1345.83	1	1088.57	1	830.86	1	573.15	1	315.43	1	59.17			
1/4	1/4	1/4	2640.28	1/4	2605.29	1/4	2371.28	1/4	2113.57	1/4	1855.86	1/4	1598.14	1/4	1340.47	1/4	1083.20	1/4	825.49	1/4	567.78	1/4	310.06	1/4	53.86					
1/2	1/2	1/2	2639.65	1/2	2603.24	1/2	2365.91	1/2	2108.20	1/2	1850.49	1/2	1592.78	1/2	1335.11	1/2	1077.83	1/2	820.12	1/2	562.41	1/2	304.70	1/2	49.10					
3/4	3/4	3/4	2639.02	3/4	2601.19	3/4	2360.54	3/4	2102.83	3/4	1845.12	3/4	1587.41	3/4	1329.75	3/4	1072.46	3/4	814.75	3/4	557.04	3/4	299.33	3/4	44.33					
2		2		2	2638.39	2	2598.19	2	2355.17	2	2097.46	2	1839.75	2	1582.04	2	1324.40	2	1067.09	2	809.38	2	551.67	2	293.96	2	39.56			
1/4	1/4	1/4	2637.76	1/4	2595.19	1/4	2349.80	1/4	2092.09	1/4	1834.38	1/4	1576.67	1/4	1319.04	1/4	1061.73	1/4	804.01	1/4	546.30	1/4	288.59	1/4	34.79					
1/2	1/2	1/2	2637.13	1/2	2592.19	1/2	2344.44	1/2	2086.72	1/2	1829.01	1/2	1571.30	1/2	1313.68	1/2	1056.36	1/2	798.64	1/2	540.93	1/2	283.22	1/2	31.03					
3/4	3/4	2656.65	3/4	2636.50	3/4	2589.19	3/4	2339.07	3/4	2081.35	3/4	1823.64	3/4	1565.93	3/4	1308.32	3/4	1050.99	3/4	793.27	3/4	535.56	3/4	277.85	3/4	27.28				
3		3	2656.61	3	2635.87	3	2585.24	3	2333.70	3	2075.99	3	1818.27	3	1560.56	3	1302.96	3	1045.62	3	787.91	3	530.19	3	272.48	3	23.52			
1/4	1/4	2656.57	1/4	2635.24	1/4	2581.30	1/4	2328.33	1/4	2070.62	1/4	1812.90	1/4	1555.19	1/4	1297.60	1/4	1040.25	1/4	782.54	1/4	524.82	1/4	267.11	1/4	19.76				
1/2	1/2	2656.53	1/2	2634.61	1/2	2577.35	1/2	2322.96	1/2	2065.25	1/2	1807.54	1/2	1549.82	1/2	1292.24	1/2	1034.88	1/2	777.17	1/2	519.46	1/2	261.74	1/2	17.08				
3/4	3/4	2656.50	3/4	2633.98	3/4	2573.40	3/4	2317.59	3/4	2059.88	3/4	1802.17	3/4	1544.45	3/4	1286.88	3/4	1029.51	3/4	771.80	3/4	514.09	3/4	256.37	3/4	14.39				
4		4	2656.38	4	2633.35	4	2568.51	4	2312.22	4	2054.51	4	1796.80	4	1539.09	4	1281.52	4	1024.14	4	766.43	4	508.72	4	251.01	4	11.71			
1/4	1/4	2656.26	1/4	2632.72	1/4	2563.61	1/4	2306.85	1/4	2049.14	1/4	1791.43	1/4	1533.72	1/4	1276.16	1/4	1018.77	1/4	761.06	1/4	503.35	1/4	245.64	1/4	9.02				
1/2	1/2	2656.14	1/2	2632.09	1/2	2558.72	1/2	2301.48	1/2	2043.77	1/2	1786.06	1/2	1528.35	1/2	1270.81	1/2	1013.40	1/2	755.69	1/2	497.98	1/2	240.27	1/2	7.41				
3/4	3/4	2656.02	3/4	2631.46	3/4	2553.83	3/4	2296.11	3/4	2038.40	3/4	1780.69	3/4	1522.98	3/4	1265.45	3/4	1008.04	3/4	750.32	3/4	492.61	3/4	234.90	3/4	5.80				
5		5	2655.83	5	2630.83	5	2548.46	5	2290.75	5	2033.03	5	1775.32	5	1517.61	5	1260.09	5	1002.67	5	744.95	5	487.24	5	229.53	5	*4.19			
1/4	1/4	2655.63	1/4	2630.20	1/4	2543.09	1/4	2285.38	1/4	2027.66	1/4	1769.95	1/4	1512.24	1/4	1254.73	1/4	997.30	1/4	739.58	1/4	481.87	1/4	224.16	1/4					
1/2	1/2	2655.44	1/2	2629.57	1/2	2537.72	1/2	2280.01	1/2	2022.30	1/2	1764.58	1/2	1506.87	1/2	1249.37	1/2	991.93	1/2	734.22	1/2	476.50	1/2	218.79	1/2					
3/4	3/4	2655.24	3/4	2628.94	3/4	2532.35	3/4	2274.64	3/4	2016.93	3/4	1759.21	3/4	1501.50	3/4	1244.01	3/4	986.56	3/4	728.85	3/4	471.13	3/4	213.42	3/4					
6		6	2654.96	6	2628.31	6	2526.98	6	2269.27	6	2011.56	6	1753.85	6	1496.13	6	1238.65	6	981.19	6	723.48	6	465.77	6	208.05	6				
1/4	1/4	2654.69	1/4	2627.68	1/4	2521.61	1/4	2263.90	1/4	2006.19	1/4	1748.48	1/4	1490.76	1/4	1233.29	1/4	975.82	1/4	718.11	1/4	460.40	1/4	202.68	1/4					
1/2	1/2	2654.41	1/2	2627.05	1/2	2516.24	1/2	2258.53	1/2	2000.82	1/2	1743.11	1/2	1485.40	1/2	1227.93	1/2	970.45	1/2	712.74	1/2	455.03	1/2	197.32	1/2					
3/4	3/4	2654.14	3/4	2626.42	3/4	2510.87	3/4	2253.16	3/4	1995.45	3/4	1737.74	3/4	1480.03	3/4	1222.57	3/4	965.08	3/4	707.37	3/4	449.66	3/4	191.95	3/4					
7		7	2653.78	7	2625.79	7	2505.51	7	2247.79	7	1990.08	7	1732.37	7	1474.66	7	1217.22	7	959.71	7	702.00	7	444.29	7	186.58	7				
1/4	1/4	2653.43	1/4	2625.16	1/4	2500.14	1/4	2242.42	1/4	1984.71	1/4	1727.00	1/4	1469.29	1/4	1211.86	1/4	954.34	1/4	696.63	1/4	438.92	1/4	181.21	1/4					
1/2	1/2	2653.07	1/2	2624.53	1/2	2494.77	1/2	2237.06	1/2	1979.34	1/2	1721.63	1/2	1463.92	1/2	1206.50	1/2	948.98	1/2	691.26	1/2	433.55	1/2	175.90	1/2					
3/4	3/4	2652.72	3/4	2623.89	3/4	2489.40	3/4	2231.69	3/4	1973.97	3/4	1716.26	3/4	1458.55	3/4	1201.14	3/4	943.61	3/4	685.89	3/4	428.18	3/4	170.60	3/4					
8		8	2652.29	8	2623.26	8	2484.03	8	2226.32	8	1968.61	8	1710.89	8	1453.18	8	1195.78	8	938.24	8	680.53	8	422.81	8	165.29	8				
1/4	1/4	2651.85	1/4	2622.63	1/4	2478.66	1/4	2220.95	1/4	1963.24	1/4	1705.52	1/4	1447.81	1/4	1190.42	1/4	932.87	1/4	675.16	1/4	417.44	1/4	159.98	1/4					
1/2	1/2	2651.42	1/2	2622.00	1/2	2473.29	1/2	2215.58	1/2	1957.87	1/2	1700.16	1/2	1442.44	1/2	1185.06	1/2	927.50	1/2	669.79	1/2	412.08	1/2	154.68	1/2					
3/4	3/4	2650.99	3/4	2621.37	3/4	2467.92	3/4	2210.21	3/4	1952.50	3/4	1694.79	3/4	1437.07	3/4	1179.70	3/4	922.13	3/4	664.42	3/4	406.71	3/4	149.37	3/4					
9		9	2650.48	9	2620.74	9	2462.55	9	2204.84	9	1947.13	9	1689.42	9	1431.71	9	1174.34	9	916.76	9	659.05	9	401.34	9	144.07	9				
1/4	1/4	2649.96	1/4	2620.11	1/4	2457.18																								

MAGNOLIA MARINE - BARGE "MM 62"

OUTAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4343

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		
0		0		0	2644.69	0	2614.44	0	2408.86	0	2151.15	0	1893.44	0	1635.73	0	1378.02	0	1120.75	0	863.07	0	605.36	0	347.65	0	91.01	
1/4	1/4	1/4	2644.06	1/4	2613.81	1/4	2403.49	1/4	2145.78	1/4	1888.07	1/4	1630.36	1/4	1372.65	1/4	1115.40	1/4	857.70	1/4	599.99	1/4	342.28	1/4	85.70	1/4	85.70	
1/2	1/2	1/2	2643.43	1/2	2612.71	1/2	2398.13	1/2	2140.41	1/2	1882.70	1/2	1624.99	1/2	1367.28	1/2	1110.04	1/2	852.33	1/2	594.62	1/2	336.91	1/2	80.39	1/2	80.39	
3/4	3/4	3/4	2642.80	3/4	2611.60	3/4	2392.76	3/4	2135.04	3/4	1877.33	3/4	1619.62	3/4	1361.91	3/4	1104.68	3/4	846.96	3/4	589.25	3/4	331.54	3/4	75.09	3/4	75.09	
1		1		1	2642.17	1	2610.50	1	2387.39	1	2129.68	1	1871.96	1	1614.25	1	1356.55	1	1099.31	1	841.60	1	583.88	1	326.17	1	69.78	
1/4	1/4	1/4	2641.54	1/4	2609.39	1/4	2382.02	1/4	2124.31	1/4	1866.59	1/4	1608.88	1/4	1351.19	1/4	1093.94	1/4	836.23	1/4	578.51	1/4	320.80	1/4	64.48	1/4	64.48	
1/2	1/2	1/2	2640.91	1/2	2607.34	1/2	2376.65	1/2	2118.94	1/2	1861.23	1/2	1603.51	1/2	1345.83	1/2	1088.57	1/2	830.86	1/2	573.15	1/2	315.43	1/2	59.17	1/2	59.17	
3/4	3/4	3/4	2640.28	3/4	2605.29	3/4	2371.28	3/4	2113.57	3/4	1855.86	3/4	1598.14	3/4	1340.47	3/4	1083.20	3/4	825.49	3/4	567.78	3/4	310.06	3/4	53.86	3/4	53.86	
2		2		2	2639.65	2	2603.24	2	2365.91	2	2108.20	2	1850.49	2	1592.78	2	1335.11	2	1077.83	2	820.12	2	562.41	2	304.70	2	49.10	
1/4	1/4	1/4	2639.02	1/4	2601.19	1/4	2360.54	1/4	2102.83	1/4	1845.12	1/4	1587.41	1/4	1329.75	1/4	1072.46	1/4	814.75	1/4	557.04	1/4	299.33	1/4	44.33	1/4	44.33	
1/2	1/2	1/2	2638.39	1/2	2598.19	1/2	2355.17	1/2	2097.46	1/2	1839.75	1/2	1582.04	1/2	1324.40	1/2	1067.09	1/2	809.38	1/2	551.67	1/2	293.96	1/2	39.56	1/2	39.56	
3/4	3/4	3/4	2637.76	3/4	2595.19	3/4	2349.80	3/4	2092.09	3/4	1834.38	3/4	1576.67	3/4	1319.04	3/4	1061.73	3/4	804.01	3/4	546.30	3/4	288.59	3/4	34.79	3/4	34.79	
3		3		3	2637.13	3	2592.19	3	2344.44	3	2086.72	3	1829.01	3	1571.30	3	1313.68	3	1056.36	3	798.64	3	540.93	3	283.22	3	31.03	
1/4	1/4	2656.65	1/4	2636.50	1/4	2589.19	1/4	2339.07	1/4	2081.35	1/4	1823.64	1/4	1565.93	1/4	1308.32	1/4	1050.99	1/4	793.27	1/4	535.56	1/4	277.85	1/4	27.28	1/4	27.28
1/2	1/2	2656.61	1/2	2635.87	1/2	2585.24	1/2	2333.70	1/2	2075.99	1/2	1818.27	1/2	1560.56	1/2	1302.96	1/2	1045.62	1/2	787.91	1/2	530.19	1/2	272.48	1/2	23.52	1/2	23.52
3/4	3/4	2656.57	3/4	2635.24	3/4	2581.30	3/4	2328.33	3/4	2070.62	3/4	1812.90	3/4	1555.19	3/4	1297.60	3/4	1040.25	3/4	782.54	3/4	524.82	3/4	267.11	3/4	19.76	3/4	19.76
4		4	2656.53	4	2634.61	4	2577.35	4	2322.96	4	2065.25	4	1807.54	4	1549.82	4	1292.24	4	1034.88	4	777.17	4	519.46	4	261.74	4	17.08	
1/4	1/4	2656.50	1/4	2633.98	1/4	2573.40	1/4	2317.59	1/4	2059.88	1/4	1802.17	1/4	1544.45	1/4	1286.88	1/4	1029.51	1/4	771.80	1/4	514.09	1/4	256.37	1/4	14.39	1/4	14.39
1/2	1/2	2656.38	1/2	2633.35	1/2	2568.51	1/2	2312.22	1/2	2054.51	1/2	1796.80	1/2	1539.09	1/2	1281.52	1/2	1024.14	1/2	766.43	1/2	508.72	1/2	251.01	1/2	11.71	1/2	11.71
3/4	3/4	2656.26	3/4	2632.72	3/4	2563.61	3/4	2306.85	3/4	2049.14	3/4	1791.43	3/4	1533.72	3/4	1276.16	3/4	1018.77	3/4	761.06	3/4	503.35	3/4	245.64	3/4	9.02	3/4	9.02
5		5	2656.14	5	2632.09	5	2558.72	5	2301.48	5	2043.77	5	1786.06	5	1528.35	5	1270.81	5	1013.40	5	755.69	5	497.98	5	240.27	5	7.41	
1/4	1/4	2656.02	1/4	2631.46	1/4	2553.83	1/4	2296.11	1/4	2038.40	1/4	1780.69	1/4	1522.98	1/4	1265.45	1/4	1008.04	1/4	750.32	1/4	492.61	1/4	234.90	1/4	5.80	1/4	5.80
1/2	1/2	2655.83	1/2	2630.83	1/2	2548.46	1/2	2290.75	1/2	2033.03	1/2	1775.32	1/2	1517.61	1/2	1260.09	1/2	1002.67	1/2	744.95	1/2	487.24	1/2	229.53	1/2	*4.19	1/2	*4.19
3/4	3/4	2655.63	3/4	2630.20	3/4	2543.09	3/4	2285.38	3/4	2027.66	3/4	1769.95	3/4	1512.24	3/4	1254.73	3/4	997.30	3/4	739.58	3/4	481.87	3/4	224.16	3/4		3/4	
6		6	2655.44	6	2629.57	6	2537.72	6	2280.01	6	2022.30	6	1764.58	6	1506.87	6	1249.37	6	991.93	6	734.22	6	476.50	6	218.79	6		
1/4	1/4	2655.24	1/4	2628.94	1/4	2532.35	1/4	2274.64	1/4	2016.93	1/4	1759.21	1/4	1501.50	1/4	1244.01	1/4	986.56	1/4	728.85	1/4	471.13	1/4	213.42	1/4		1/4	
1/2	1/2	2654.94	1/2	2628.31	1/2	2526.98	1/2	2269.27	1/2	2011.56	1/2	1753.85	1/2	1496.13	1/2	1238.65	1/2	981.19	1/2	723.48	1/2	465.77	1/2	208.05	1/2		1/2	
3/4	3/4	2654.69	3/4	2627.68	3/4	2521.61	3/4	2263.90	3/4	2006.19	3/4	1748.48	3/4	1490.76	3/4	1233.29	3/4	975.82	3/4	718.11	3/4	460.40	3/4	202.68	3/4		3/4	
7		7	2654.41	7	2627.05	7	2516.24	7	2258.53	7	2000.82	7	1743.11	7	1485.40	7	1227.93	7	970.45	7	712.74	7	455.03	7	197.32	7		
1/4	1/4	2654.14	1/4	2626.42	1/4	2510.87	1/4	2253.16	1/4	1995.45	1/4	1737.74	1/4	1480.03	1/4	1222.57	1/4	965.08	1/4	707.37	1/4	449.66	1/4	191.95	1/4		1/4	
1/2	1/2	2653.78	1/2	2625.79	1/2	2505.51	1/2	2247.79	1/2	1990.08	1/2	1732.37	1/2	1474.66	1/2	1217.22	1/2	959.71	1/2	702.00	1/2	444.29	1/2	186.58	1/2		1/2	
3/4	3/4	2653.43	3/4	2625.16	3/4	2500.14	3/4	2242.42	3/4	1984.71	3/4	1727.00	3/4	1469.29	3/4	1211.86	3/4	954.34	3/4	696.63	3/4	438.92	3/4	181.21	3/4		3/4	
8		8	2653.07	8	2624.53	8	2494.77	8	2237.06	8	1979.34	8	1721.63	8	1463.92	8	1206.50	8	948.98	8	691.26	8	433.55	8	175.90	8		
1/4	1/4	2652.72	1/4	2623.89	1/4	2489.40	1/4	2231.69	1/4	1973.97	1/4	1716.26	1/4	1458.55	1/4	1201.14	1/4	943.61	1/4	685.89	1/4	428.18	1/4	170.60	1/4		1/4	
1/2	1/2	2652.29	1/2	2623.26	1/2	2484.03	1/2	2226.32	1/2	1968.61	1/2	1710.89	1/2	1453.18	1/2	1195.78	1/2	938.24	1/2	680.53	1/2	422.81	1/2	165.29	1/2		1/2	
3/4	3/4	2651.85	3/4	2622.63	3/4	2478.66	3/4	2220.95	3/4	1963.24	3/4	1705.52	3/4	1447.81	3/4	1190.42	3/4	932.87	3/4	675.16	3/4	417.44	3/4	159.98	3/4		3/4	
9		9	2651.42	9	2622.00	9	2473.29	9	2215.58	9	1957.87	9	1700.16	9	1442.44	9	1185.06	9	927.50	9	669.79	9	412.08	9	154.68	9		
1/4	1/4	2650.99	1/4	2621.37	1/4	2467.92	1/4	2210.21	1/4	1952.50	1/4	1694.79	1/4	1437.07	1/4	1179.70	1/4	922.13	1/4	664.42								