

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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 3380.64	0 3122.15	0 2832.76	0 2543.27	0 2253.78	0 1964.29	0 1674.81	0 1385.56	0 1096.31	0 806.82	0 517.33	0 227.85	0	
1/4	1/4 3378.00	1/4 3116.12	1/4 2826.73	1/4 2537.24	1/4 2247.75	1/4 1958.26	1/4 1668.77	1/4 1379.54	1/4 1090.28	1/4 800.79	1/4 511.30	1/4 221.81	1/4	
1/2	1/2 3375.36	1/2 3110.10	1/2 2820.70	1/2 2531.21	1/2 2241.72	1/2 1952.23	1/2 1662.74	1/2 1373.52	1/2 1084.25	1/2 794.76	1/2 505.27	1/2 215.78	1/2	
3/4	3/4 3371.97	3/4 3104.07	3/4 2814.66	3/4 2525.18	3/4 2235.69	3/4 1946.20	3/4 1656.71	3/4 1367.49	3/4 1078.22	3/4 788.73	3/4 499.24	3/4 209.75	3/4	
1	1 3368.58	1 3098.04	1 2808.63	1 2519.15	1 2229.66	1 1940.17	1 1650.68	1 1361.47	1 1072.19	1 782.70	1 493.21	1 203.72	1	
1/4	1/4 3365.19	1/4 3092.01	1/4 2802.60	1/4 2513.11	1/4 2223.63	1/4 1934.14	1/4 1644.65	1/4 1355.45	1/4 1066.15	1/4 776.67	1/4 487.18	1/4 197.75	1/4	
1/2	1/2 3361.80	1/2 3085.98	1/2 2796.57	1/2 2507.08	1/2 2217.60	1/2 1928.11	1/2 1638.62	1/2 1349.43	1/2 1060.12	1/2 770.64	1/2 481.15	1/2 191.79	1/2	
3/4	3/4 3357.66	3/4 3079.95	3/4 2790.54	3/4 2501.05	3/4 2211.56	3/4 1922.08	3/4 1632.59	3/4 1343.41	3/4 1054.09	3/4 764.60	3/4 475.12	3/4 185.82	3/4	
2	2 3353.51	2 3073.92	2 2784.51	2 2495.02	2 2205.53	2 1916.05	2 1626.56	2 1337.39	2 1048.06	2 758.57	2 469.09	2 179.85	2	
1/4	1/4 3349.37	1/4 3067.89	1/4 2778.48	1/4 2488.99	1/4 2199.50	1/4 1910.01	1/4 1620.53	1/4 1331.37	1/4 1042.03	1/4 752.54	1/4 463.05	1/4 173.88	1/4	
1/2	1/2 3345.22	1/2 3061.86	1/2 2772.45	1/2 2482.96	1/2 2193.47	1/2 1903.98	1/2 1614.50	1/2 1325.35	1/2 1036.00	1/2 746.51	1/2 457.02	1/2 167.91	1/2	
3/4	3/4 3340.33	3/4 3055.83	3/4 2766.42	3/4 2476.93	3/4 2187.44	3/4 1897.95	3/4 1608.46	3/4 1319.33	3/4 1029.97	3/4 740.48	3/4 450.99	3/4 161.95	3/4	
3	3 3335.43	3 3049.81	3 2760.39	3 2470.90	3 2181.41	3 1891.92	3 1602.43	3 1313.31	3 1023.94	3 734.45	3 444.96	3 155.98	3	
1/4	1/4 3330.53	1/4 3043.78	1/4 2754.35	1/4 2464.87	1/4 2175.38	1/4 1885.89	1/4 1596.40	1/4 1307.28	1/4 1017.91	1/4 728.42	1/4 438.93	1/4 150.01	1/4	
1/2	1/2 3325.64	1/2 3037.75	1/2 2748.32	1/2 2458.84	1/2 2169.35	1/2 1879.86	1/2 1590.37	1/2 1301.26	1/2 1011.88	1/2 722.39	1/2 432.90	1/2 144.04	1/2	
3/4	3/4 3319.98	3/4 3031.72	3/4 2742.29	3/4 2452.80	3/4 2163.32	3/4 1873.83	3/4 1584.34	3/4 1295.24	3/4 1005.84	3/4 716.36	3/4 426.87	3/4 138.07	3/4	
4	4 3314.33	4 3025.69	4 2736.26	4 2446.77	4 2157.29	4 1867.80	4 1578.31	4 1289.22	4 999.81	4 710.33	4 420.84	4 132.11	4	
1/4	1/4 3308.68	1/4 3019.66	1/4 2730.23	1/4 2440.74	1/4 2151.25	1/4 1861.77	1/4 1572.28	1/4 1283.20	1/4 993.78	1/4 704.29	1/4 414.81	1/4 126.14	1/4	
1/2	1/2 3303.02	1/2 3013.63	1/2 2724.20	1/2 2434.71	1/2 2145.22	1/2 1855.74	1/2 1566.25	1/2 1277.18	1/2 987.75	1/2 698.26	1/2 408.78	1/2 120.17	1/2	
3/4	3/4 3296.99	3/4 3007.60	3/4 2718.17	3/4 2428.68	3/4 2139.19	3/4 1849.70	3/4 1560.22	3/4 1271.16	3/4 981.72	3/4 692.23	3/4 402.74	3/4 114.20	3/4	
5	5 3290.97	5 3001.57	5 2712.14	5 2422.65	5 2133.16	5 1843.67	5 1554.19	5 1265.14	5 975.69	5 686.20	5 396.71	5 108.23	5	
1/4	1/4 3284.94	1/4 2995.54	1/4 2706.11	1/4 2416.62	1/4 2127.13	1/4 1837.64	1/4 1548.15	1/4 1259.12	1/4 969.66	1/4 680.17	1/4 390.68	1/4 102.27	1/4	
1/2	1/2 3278.91	1/2 2989.52	1/2 2700.08	1/2 2410.59	1/2 2121.10	1/2 1831.61	1/2 1542.12	1/2 1253.10	1/2 963.63	1/2 674.14	1/2 384.65	1/2 96.30	1/2	
3/4	3/4 3272.88	3/4 2983.49	3/4 2694.04	3/4 2404.56	3/4 2115.07	3/4 1825.58	3/4 1536.09	3/4 1247.07	3/4 957.60	3/4 668.11	3/4 378.62	3/4 90.33	3/4	
6	6 3266.85	6 2977.46	6 2688.01	6 2398.53	6 2109.04	6 1819.55	6 1530.06	6 1241.05	6 951.57	6 662.08	6 372.59	6 84.36	6	
1/4	1/4 3260.82	1/4 2971.43	1/4 2681.98	1/4 2392.49	1/4 2103.01	1/4 1813.52	1/4 1524.04	1/4 1235.02	1/4 945.53	1/4 656.05	1/4 366.56	1/4 78.39	1/4	
1/2	1/2 3254.79	1/2 2965.40	1/2 2675.95	1/2 2386.46	1/2 2096.98	1/2 1807.49	1/2 1518.02	1/2 1228.99	1/2 939.50	1/2 650.02	1/2 360.53	1/2 72.43	1/2	
3/4	3/4 3248.76	3/4 2959.37	3/4 2669.92	3/4 2380.43	3/4 2090.94	3/4 1801.46	3/4 1512.00	3/4 1222.96	3/4 933.47	3/4 643.98	3/4 354.50	3/4 66.46	3/4	
7	7 3242.73	7 2953.34	7 2663.89	7 2374.40	7 2084.91	7 1795.43	7 1505.98	7 1216.93	7 927.44	7 637.95	7 348.47	7 60.49	7	
1/4	1/4 3236.70	1/4 2947.31	1/4 2657.86	1/4 2368.37	1/4 2078.88	1/4 1789.39	1/4 1499.96	1/4 1210.90	1/4 921.41	1/4 631.92	1/4 342.43	1/4 55.13	1/4	
1/2	1/2 3230.68	1/2 2941.28	1/2 2651.83	1/2 2362.34	1/2 2072.85	1/2 1783.36	1/2 1493.94	1/2 1204.87	1/2 915.38	1/2 625.89	1/2 336.40	1/2 49.76	1/2	
3/4	3/4 3224.65	3/4 2935.25	3/4 2645.80	3/4 2356.31	3/4 2066.82	3/4 1777.33	3/4 1487.91	3/4 1198.84	3/4 909.35	3/4 619.86	3/4 330.37	3/4 44.40	3/4	
8	8 3218.62	8 2929.23	8 2639.77	8 2350.28	8 2060.79	8 1771.30	8 1481.89	8 1192.81	8 903.32	8 613.83	8 324.34	8 39.03	8	
1/4	1/4 3212.59	1/4 2923.20	1/4 2633.73	1/4 2344.25	1/4 2054.76	1/4 1765.27	1/4 1475.87	1/4 1186.77	1/4 897.29	1/4 607.80	1/4 318.31	1/4 34.81	1/4	
1/2	3399.46	1/2 3206.56	1/2 2917.17	1/2 2627.70	1/2 2338.22	1/2 2048.73	1/2 1759.24	1/2 1469.85	1/2 1180.74	1/2 891.26	1/2 601.77	1/2 312.28	1/2	
3/4	3399.08	3/4 3200.53	3/4 2911.14	3/4 2621.67	3/4 2332.18	3/4 2042.70	3/4 1753.21	3/4 1463.83	3/4 1174.71	3/4 885.22	3/4 595.74	3/4 306.25	3/4	
9	9 3398.71	9 3194.50	9 2905.11	9 2615.64	9 2326.15	9 2036.67	9 1747.18	9 1457.81	9 1168.68	9 879.19	9 589.71	9 300.22	9 22.15	9
1/4	3398.33	1/4 3188.47	1/4 2899.08	1/4 2609.61	1/4 2320.12	1/4 2030.63	1/4 1741.15	1/4 1451.79	1/4 1162.65	1/4 873.16	1/4 583.67	1/4 294.19	1/4 19.13	1/4
1/2	3397.96	1/2 3182.44	1/2 2893.05	1/2 2603.58	1/2 2314.09	1/2 2024.60	1/2 1735.12	1/2 1445.77	1/2 1156.62	1/2 867.13	1/2 577.64	1/2 288.16	1/2 16.11	1/2
3/4	3396.83	3/4 3176.41	3/4 2887.02	3/4 2597.55	3/4 2308.06	3/4 2018.57	3/4 1729.08	3/4 1439.75	3/4 1150.59	3/4 861.10	3/4 571.61	3/4 282.12	3/4 *13.10	3/4
10	10 3395.70	10 3170.39	10 2880.99	10 2591.52	10 2302.03	10 2012.54	10 1723.05	10 1433.73	10 1144.56	10 855.07	10 565.58	10 276.09	10	10
1/4	3394.57	1/4 3164.36	1/4 2874.96	1/4 2585.49	1/4 2296.00	1/4 2006.51	1/4 1717.02	1/4 1427.70	1/4 1138.53	1/4 849.04	1/4 559.55	1/4 270.06	1/4	1/4
1/2	3393.44	1/2 3158.33	1/2 2868.94	1/2 2579.46	1/2 2289.97	1/2 2000.48	1/2 1710.99	1/2 1421.68	1/2 1132.50	1/2 843.01	1/2 553.52	1/2 264.03	1/2	1/2
3/4	3391.56	3/4 3152.30	3/4 2862.91	3/4 2573.42	3/4 2283.94	3/4 1994.45	3/4 1704.96	3/4 1415.66	3/4 1126.46	3/4 836.98	3/4 547.49	3/4 258.00	3/4	3/4
11	11 3389.68	11 3146.27	11 2856.88	11 2567.39	11 2277.91	11 1988.42	11 1698.93	11 1409.64	11 1120.43	11 830.95	11 541.46	11 251.97	11	11
1/4	3387.79	1/4 3140.24	1/4 2850.85	1/4 2561.36	1/4 2271.87	1/4 1982.39	1/4 1692.90	1/4 1403.62	1/4 1114.40	1/4 824.91	1/4 535.43	1/4 245.94	1/4	1/4
1/2	3385.91	1/2 3134.21	1/2 2844.82	1/2 2555.33	1/2 2265.84	1/2 1976.36	1/2 1686.87	1/2 1397.60	1/2 1108.37	1/2 818.88	1/2 529.40	1/2 239.91	1/2	1/2
3/4	3383.27	3/4 3128.18	3/4 2838.79	3/4 2549.30	3/4 2259.81	3/4 1970.32	3/4 1680.84	3/4 1391.58	3/4 1102.34	3/4 812.85	3/4 523.36	3/4 233.88	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-9 3/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 4/17/02

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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 3378.00	0 3116.12	0 2826.73	0 2537.24	0 2247.75	0 1958.26	0 1668.77	0 1379.54	0 1090.28	0 800.79	0 511.30	0 221.81	0	
1/4	1/4 3375.36	1/4 3110.10	1/4 2820.70	1/4 2531.21	1/4 2241.72	1/4 1952.23	1/4 1662.74	1/4 1373.52	1/4 1084.25	1/4 794.76	1/4 505.27	1/4 215.78	1/4	
1/2	1/2 3371.97	1/2 3104.07	1/2 2814.66	1/2 2525.18	1/2 2235.69	1/2 1946.20	1/2 1656.71	1/2 1367.49	1/2 1078.22	1/2 788.73	1/2 499.24	1/2 209.75	1/2	
3/4	3/4 3368.58	3/4 3098.04	3/4 2808.63	3/4 2519.15	3/4 2229.66	3/4 1940.17	3/4 1650.68	3/4 1361.47	3/4 1072.19	3/4 782.70	3/4 493.21	3/4 203.72	3/4	
1	1 3365.19	1 3092.01	1 2802.60	1 2513.11	1 2223.63	1 1934.14	1 1644.65	1 1355.45	1 1066.15	1 776.67	1 487.18	1 197.75	1	
1/4	1/4 3361.80	1/4 3085.98	1/4 2796.57	1/4 2507.08	1/4 2217.60	1/4 1928.11	1/4 1638.62	1/4 1349.43	1/4 1060.12	1/4 770.64	1/4 481.15	1/4 191.79	1/4	
1/2	1/2 3357.66	1/2 3079.95	1/2 2790.54	1/2 2501.05	1/2 2211.56	1/2 1922.08	1/2 1632.59	1/2 1343.41	1/2 1054.09	1/2 764.60	1/2 475.12	1/2 185.82	1/2	
3/4	3/4 3353.51	3/4 3073.92	3/4 2784.51	3/4 2495.02	3/4 2205.53	3/4 1916.05	3/4 1626.56	3/4 1337.39	3/4 1048.06	3/4 758.57	3/4 469.09	3/4 179.85	3/4	
2	2 3349.37	2 3067.89	2 2778.48	2 2488.99	2 2199.50	2 1910.01	2 1620.53	2 1331.37	2 1042.03	2 752.54	2 463.05	2 173.88	2	
1/4	1/4 3345.22	1/4 3061.86	1/4 2772.45	1/4 2482.96	1/4 2193.47	1/4 1903.98	1/4 1614.50	1/4 1325.35	1/4 1036.00	1/4 746.51	1/4 457.02	1/4 167.91	1/4	
1/2	1/2 3340.33	1/2 3055.83	1/2 2766.42	1/2 2476.93	1/2 2187.44	1/2 1897.95	1/2 1608.46	1/2 1319.33	1/2 1029.97	1/2 740.48	1/2 450.99	1/2 161.95	1/2	
3/4	3/4 3335.43	3/4 3049.81	3/4 2760.39	3/4 2470.90	3/4 2181.41	3/4 1891.92	3/4 1602.43	3/4 1313.31	3/4 1023.94	3/4 734.45	3/4 444.96	3/4 155.98	3/4	
3	3 3330.53	3 3043.78	3 2754.35	3 2464.87	3 2175.38	3 1885.89	3 1596.40	3 1307.28	3 1017.91	3 728.42	3 438.93	3 150.01	3	
1/4	1/4 3325.64	1/4 3037.75	1/4 2748.32	1/4 2458.84	1/4 2169.35	1/4 1879.86	1/4 1590.37	1/4 1301.26	1/4 1011.88	1/4 722.39	1/4 432.90	1/4 144.04	1/4	
1/2	1/2 3319.98	1/2 3031.72	1/2 2742.29	1/2 2452.80	1/2 2163.32	1/2 1873.83	1/2 1584.34	1/2 1295.24	1/2 1005.84	1/2 716.36	1/2 426.87	1/2 138.07	1/2	
3/4	3/4 3314.33	3/4 3025.69	3/4 2736.26	3/4 2446.77	3/4 2157.29	3/4 1867.80	3/4 1578.31	3/4 1289.22	3/4 999.81	3/4 710.33	3/4 420.84	3/4 132.11	3/4	
4	4 3308.68	4 3019.66	4 2730.23	4 2440.74	4 2151.25	4 1861.77	4 1572.28	4 1283.20	4 993.78	4 704.29	4 414.81	4 126.14	4	
1/4	1/4 3303.02	1/4 3013.63	1/4 2724.20	1/4 2434.71	1/4 2145.22	1/4 1855.74	1/4 1566.25	1/4 1277.18	1/4 987.75	1/4 698.26	1/4 408.78	1/4 120.17	1/4	
1/2	1/2 3296.99	1/2 3007.60	1/2 2718.17	1/2 2428.68	1/2 2139.19	1/2 1849.70	1/2 1560.22	1/2 1271.16	1/2 981.72	1/2 692.23	1/2 402.74	1/2 114.20	1/2	
3/4	3/4 3290.97	3/4 3001.57	3/4 2712.14	3/4 2422.65	3/4 2133.16	3/4 1843.67	3/4 1554.19	3/4 1265.14	3/4 975.69	3/4 686.20	3/4 396.71	3/4 108.23	3/4	
5	5 3284.94	5 2995.54	5 2706.11	5 2416.62	5 2127.13	5 1837.64	5 1548.15	5 1259.12	5 969.66	5 680.17	5 390.68	5 102.27	5	
1/4	1/4 3278.91	1/4 2989.52	1/4 2700.08	1/4 2410.59	1/4 2121.10	1/4 1831.61	1/4 1542.12	1/4 1253.10	1/4 963.63	1/4 674.14	1/4 384.65	1/4 96.30	1/4	
1/2	1/2 3272.88	1/2 2983.49	1/2 2694.04	1/2 2404.56	1/2 2115.07	1/2 1825.58	1/2 1536.09	1/2 1247.07	1/2 957.60	1/2 668.11	1/2 378.62	1/2 90.33	1/2	
3/4	3/4 3266.85	3/4 2977.46	3/4 2688.01	3/4 2398.53	3/4 2109.04	3/4 1819.55	3/4 1530.06	3/4 1241.05	3/4 951.57	3/4 662.08	3/4 372.59	3/4 84.36	3/4	
6	6 3260.82	6 2971.43	6 2681.98	6 2392.49	6 2103.01	6 1813.52	6 1524.04	6 1235.02	6 945.53	6 656.05	6 366.56	6 78.39	6	
1/4	1/4 3254.79	1/4 2965.40	1/4 2675.95	1/4 2386.46	1/4 2096.98	1/4 1807.49	1/4 1518.02	1/4 1228.99	1/4 939.50	1/4 650.02	1/4 360.53	1/4 72.43	1/4	
1/2	1/2 3248.76	1/2 2959.37	1/2 2669.92	1/2 2380.43	1/2 2090.94	1/2 1801.46	1/2 1512.00	1/2 1222.96	1/2 933.47	1/2 643.98	1/2 354.50	1/2 66.46	1/2	
3/4	3/4 3242.73	3/4 2953.34	3/4 2663.89	3/4 2374.40	3/4 2084.91	3/4 1795.43	3/4 1505.98	3/4 1216.93	3/4 927.44	3/4 637.95	3/4 348.47	3/4 60.49	3/4	
7	7 3236.70	7 2947.31	7 2657.86	7 2368.37	7 2078.88	7 1789.39	7 1499.96	7 1210.90	7 921.41	7 631.92	7 342.43	7 55.13	7	
1/4	1/4 3230.68	1/4 2941.28	1/4 2651.83	1/4 2362.34	1/4 2072.85	1/4 1783.36	1/4 1493.94	1/4 1204.87	1/4 915.38	1/4 625.89	1/4 336.40	1/4 49.76	1/4	
1/2	1/2 3224.65	1/2 2935.25	1/2 2645.80	1/2 2356.31	1/2 2066.82	1/2 1777.33	1/2 1487.91	1/2 1198.84	1/2 909.35	1/2 619.86	1/2 330.37	1/2 44.40	1/2	
3/4	3/4 3218.62	3/4 2929.23	3/4 2639.77	3/4 2350.28	3/4 2060.79	3/4 1771.30	3/4 1481.89	3/4 1192.81	3/4 903.32	3/4 613.83	3/4 324.34	3/4 39.03	3/4	
8	8 3212.59	8 2923.20	8 2633.73	8 2344.25	8 2054.76	8 1765.27	8 1475.87	8 1186.77	8 897.29	8 607.80	8 318.31	8 34.81	8	
1/4	3399.46	1/4 3206.56	1/4 2917.17	1/4 2627.70	1/4 2338.22	1/4 2048.73	1/4 1759.24	1/4 1469.85	1/4 1180.74	1/4 891.26	1/4 601.77	1/4 312.28	1/4 30.59	1/4
1/2	3399.08	1/2 3200.53	1/2 2911.14	1/2 2621.67	1/2 2332.18	1/2 2042.70	1/2 1753.21	1/2 1463.83	1/2 1174.71	1/2 885.22	1/2 595.74	1/2 306.25	1/2 26.37	1/2
3/4	3398.71	3/4 3194.50	3/4 2905.11	3/4 2615.64	3/4 2326.15	3/4 2036.67	3/4 1747.18	3/4 1457.81	3/4 1168.68	3/4 879.19	3/4 589.71	3/4 300.22	3/4 22.15	3/4
9	9 3398.33	9 3188.47	9 2899.08	9 2609.61	9 2320.12	9 2030.63	9 1741.15	9 1451.79	9 1162.65	9 873.16	9 583.67	9 294.19	9 19.13	9
1/4	3397.96	1/4 3182.44	1/4 2893.05	1/4 2603.58	1/4 2314.09	1/4 2024.60	1/4 1735.12	1/4 1445.77	1/4 1156.62	1/4 867.13	1/4 577.64	1/4 288.16	1/4 16.11	1/4
1/2	3396.83	1/2 3176.41	1/2 2887.02	1/2 2597.55	1/2 2308.06	1/2 2018.57	1/2 1729.08	1/2 1439.75	1/2 1150.59	1/2 861.10	1/2 571.61	1/2 282.12	1/2 *13.10	1/2
3/4	3395.70	3/4 3170.39	3/4 2880.99	3/4 2591.52	3/4 2302.03	3/4 2012.54	3/4 1723.05	3/4 1433.73	3/4 1144.56	3/4 855.07	3/4 565.58	3/4 276.09	3/4	3/4
10	10 3394.57	10 3164.36	10 2874.96	10 2585.49	10 2296.00	10 2006.51	10 1717.02	10 1427.70	10 1138.53	10 849.04	10 559.55	10 270.06	10	10
1/4	3393.44	1/4 3158.33	1/4 2868.94	1/4 2579.46	1/4 2289.97	1/4 2000.48	1/4 1710.99	1/4 1421.68	1/4 1132.50	1/4 843.01	1/4 553.52	1/4 264.03	1/4	1/4
1/2	3391.56	1/2 3152.30	1/2 2862.91	1/2 2573.42	1/2 2283.94	1/2 1994.45	1/2 1704.96	1/2 1415.66	1/2 1126.46	1/2 836.98	1/2 547.49	1/2 258.00	1/2	1/2
3/4	3389.68	3/4 3146.27	3/4 2856.88	3/4 2567.39	3/4 2277.91	3/4 1988.42	3/4 1698.93	3/4 1409.64	3/4 1120.43	3/4 830.95	3/4 541.46	3/4 251.97	3/4	3/4
11	11 3387.79	11 3140.24	11 2850.85	11 2561.36	11 2271.87	11 1982.39	11 1692.90	11 1403.62	11 1114.40	11 824.91	11 535.43	11 245.94	11	11
1/4	3385.91	1/4 3134.21	1/4 2844.82	1/4 2555.33	1/4 2265.84	1/4 1976.36	1/4 1686.87	1/4 1397.60	1/4 1108.37	1/4 818.88	1/4 529.40	1/4 239.91	1/4	1/4
1/2	3383.27	1/2 3128.18	1/2 2838.79	1/2 2549.30	1/2 2259.81	1/2 1970.32	1/2 1680.84	1/2 1391.58	1/2 1102.34	1/2 812.85	1/2 523.36	1/2 233.88	1/2	1/2
3/4	3380.64	3/4 3122.15	3/4 2832.76	3/4 2543.27	3/4 2253.78	3/4 1964.29	3/4 1674.81	3/4 1385.56	3/4 1096.31	3/4 806.82	3/4 517.33	3/4 227.85	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-9 1/2" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 4/17/02

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 PORT

HULL 4403

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 3704.58	0 3421.33	0 3104.19	0 2786.96	0 2469.73	0 2152.49	0 1835.26	0 1518.29	0 1201.33	0 884.09	0 566.86	0 249.63	0
1/4	1/4 3701.69	1/4 3414.72	1/4 3097.58	1/4 2780.35	1/4 2463.12	1/4 2145.88	1/4 1828.65	1/4 1511.70	1/4 1194.72	1/4 877.48	1/4 560.25	1/4 243.02	1/4
1/2	1/2 3698.80	1/2 3408.12	1/2 3090.97	1/2 2773.74	1/2 2456.51	1/2 2139.28	1/2 1822.04	1/2 1505.10	1/2 1188.11	1/2 870.88	1/2 553.64	1/2 236.41	1/2
3/4	3/4 3695.08	3/4 3401.51	3/4 3084.36	3/4 2767.13	3/4 2449.90	3/4 2132.67	3/4 1815.43	3/4 1498.50	3/4 1181.50	3/4 864.27	3/4 547.03	3/4 229.80	3/4
1	1 3691.37	1 3394.90	1 3077.75	1 2760.52	1 2443.29	1 2126.06	1 1808.83	1 1491.90	1 1174.89	1 857.66	1 540.43	1 223.19	1
1/4	1/4 3687.65	1/4 3388.29	1/4 3071.14	1/4 2753.91	1/4 2436.68	1/4 2119.45	1/4 1802.22	1/4 1485.30	1/4 1168.28	1/4 851.05	1/4 533.82	1/4 216.65	1/4
1/2	1/2 3683.94	1/2 3381.69	1/2 3064.54	1/2 2747.30	1/2 2430.07	1/2 2112.84	1/2 1795.61	1/2 1478.71	1/2 1161.67	1/2 844.44	1/2 527.21	1/2 210.11	1/2
3/4	3/4 3679.40	3/4 3375.08	3/4 3057.93	3/4 2740.69	3/4 2423.46	3/4 2106.23	3/4 1789.00	3/4 1472.11	3/4 1155.06	3/4 837.83	3/4 520.60	3/4 203.57	3/4
2	2 3674.86	2 3368.47	2 3051.32	2 2734.09	2 2416.85	2 2099.62	2 1782.39	2 1465.51	2 1148.45	2 831.22	2 513.99	2 197.03	2
1/4	1/4 3670.31	1/4 3361.87	1/4 3044.71	1/4 2727.48	1/4 2410.24	1/4 2093.01	1/4 1775.78	1/4 1458.91	1/4 1141.84	1/4 824.61	1/4 507.38	1/4 190.49	1/4
1/2	1/2 3665.77	1/2 3355.26	1/2 3038.10	1/2 2720.87	1/2 2403.64	1/2 2086.40	1/2 1769.17	1/2 1452.31	1/2 1135.24	1/2 818.00	1/2 500.77	1/2 183.95	1/2
3/4	3/4 3660.41	3/4 3348.65	3/4 3031.49	3/4 2714.26	3/4 2397.03	3/4 2079.79	3/4 1762.56	3/4 1445.72	3/4 1128.63	3/4 811.39	3/4 494.16	3/4 177.41	3/4
3	3 3655.04	3 3342.05	3 3024.88	3 2707.65	3 2390.42	3 2073.19	3 1755.95	3 1439.12	3 1122.02	3 804.79	3 487.55	3 170.87	3
1/4	1/4 3649.68	1/4 3335.44	1/4 3018.27	1/4 2701.04	1/4 2383.81	1/4 2066.58	1/4 1749.34	1/4 1432.52	1/4 1115.41	1/4 798.18	1/4 480.94	1/4 164.33	1/4
1/2	1/2 3644.31	1/2 3328.83	1/2 3011.66	1/2 2694.43	1/2 2377.20	1/2 2059.97	1/2 1742.74	1/2 1425.92	1/2 1108.80	1/2 791.57	1/2 474.34	1/2 157.79	1/2
3/4	3/4 3638.12	3/4 3322.22	3/4 3005.05	3/4 2687.82	3/4 2370.59	3/4 2053.36	3/4 1736.13	3/4 1419.32	3/4 1102.19	3/4 784.96	3/4 467.73	3/4 151.25	3/4
4	4 3631.93	4 3315.62	4 2998.45	4 2681.21	4 2363.98	4 2046.75	4 1729.52	4 1412.73	4 1095.58	4 778.35	4 461.12	4 144.71	4
1/4	1/4 3625.73	1/4 3309.01	1/4 2991.84	1/4 2674.60	1/4 2357.37	1/4 2040.14	1/4 1722.91	1/4 1406.13	1/4 1088.97	1/4 771.74	1/4 454.51	1/4 138.17	1/4
1/2	1/2 3619.54	1/2 3302.40	1/2 2985.23	1/2 2668.00	1/2 2350.76	1/2 2033.53	1/2 1716.30	1/2 1399.53	1/2 1082.36	1/2 765.13	1/2 447.90	1/2 131.63	1/2
3/4	3/4 3612.93	3/4 3295.80	3/4 2978.62	3/4 2661.39	3/4 2344.15	3/4 2026.92	3/4 1709.69	3/4 1392.93	3/4 1075.75	3/4 758.52	3/4 441.29	3/4 125.09	3/4
5	5 3606.33	5 3289.19	5 2972.01	5 2654.78	5 2337.55	5 2020.31	5 1703.08	5 1386.33	5 1069.15	5 751.91	5 434.68	5 118.55	5
1/4	1/4 3599.72	1/4 3282.58	1/4 2965.40	1/4 2648.17	1/4 2330.94	1/4 2013.70	1/4 1696.47	1/4 1379.74	1/4 1062.54	1/4 745.30	1/4 428.07	1/4 112.01	1/4
1/2	1/2 3593.11	1/2 3275.98	1/2 2958.79	1/2 2641.56	1/2 2324.33	1/2 2007.10	1/2 1689.86	1/2 1373.14	1/2 1055.93	1/2 738.70	1/2 421.46	1/2 105.47	1/2
3/4	3/4 3586.50	3/4 3269.37	3/4 2952.18	3/4 2634.95	3/4 2317.72	3/4 2000.49	3/4 1683.25	3/4 1366.54	3/4 1049.32	3/4 732.09	3/4 414.85	3/4 98.93	3/4
6	6 3579.90	6 3262.76	6 2945.57	6 2628.34	6 2311.11	6 1993.88	6 1676.65	6 1359.94	6 1042.71	6 725.48	6 408.25	6 92.39	6
1/4	1/4 3573.29	1/4 3256.15	1/4 2938.96	1/4 2621.73	1/4 2304.50	1/4 1987.27	1/4 1670.05	1/4 1353.33	1/4 1036.10	1/4 718.87	1/4 401.64	1/4 85.85	1/4
1/2	1/2 3566.68	1/2 3249.55	1/2 2932.36	1/2 2615.12	1/2 2297.89	1/2 1980.66	1/2 1663.45	1/2 1346.72	1/2 1029.49	1/2 712.26	1/2 395.03	1/2 79.31	1/2
3/4	3/4 3560.08	3/4 3242.94	3/4 2925.75	3/4 2608.51	3/4 2291.28	3/4 1974.05	3/4 1656.85	3/4 1340.11	3/4 1022.88	3/4 705.65	3/4 388.42	3/4 72.77	3/4
7	7 3553.47	7 3236.33	7 2919.14	7 2601.91	7 2284.67	7 1967.44	7 1650.25	7 1333.51	7 1016.27	7 699.04	7 381.81	7 66.23	7
1/4	1/4 3546.86	1/4 3229.73	1/4 2912.53	1/4 2595.30	1/4 2278.06	1/4 1960.83	1/4 1643.66	1/4 1326.90	1/4 1009.66	1/4 692.43	1/4 375.20	1/4 60.36	1/4
1/2	1/2 3540.26	1/2 3223.12	1/2 2905.92	1/2 2588.69	1/2 2271.46	1/2 1954.22	1/2 1637.06	1/2 1320.29	1/2 1003.06	1/2 685.82	1/2 368.59	1/2 54.48	1/2
3/4	3/4 3533.65	3/4 3216.51	3/4 2899.31	3/4 2582.08	3/4 2264.85	3/4 1947.61	3/4 1630.46	3/4 1313.68	3/4 996.45	3/4 679.21	3/4 361.98	3/4 48.60	3/4
8	8 3527.04	8 3209.91	8 2892.70	8 2575.47	8 2258.24	8 1941.01	8 1623.86	8 1307.07	8 989.84	8 672.61	8 355.37	8 42.73	8
1/4	1/4 3520.43	1/4 3203.30	1/4 2886.09	1/4 2568.86	1/4 2251.63	1/4 1934.40	1/4 1617.26	1/4 1300.46	1/4 983.23	1/4 666.00	1/4 348.76	1/4 38.10	1/4
1/2	3725.21 1/2	1/2 3513.83	1/2 3196.69	1/2 2879.48	1/2 2562.25	1/2 2245.02	1/2 1927.79	1/2 1610.67	1/2 1293.85	1/2 976.62	1/2 659.39	1/2 342.16	1/2
3/4	3724.80 3/4	3/4 3507.22	3/4 3190.08	3/4 2872.87	3/4 2555.64	3/4 2238.41	3/4 1921.18	3/4 1604.07	3/4 1287.24	3/4 970.01	3/4 652.78	3/4 335.55	3/4
9	9 3724.38	9 3500.61	9 3183.48	9 2866.27	9 2549.03	9 2231.80	9 1914.57	9 1597.47	9 1280.63	9 963.40	9 646.17	9 328.94	9
1/4	1/4 3723.97	1/4 3494.01	1/4 3176.87	1/4 2859.66	1/4 2542.42	1/4 2225.19	1/4 1907.96	1/4 1590.87	1/4 1274.02	1/4 956.79	1/4 639.56	1/4 322.33	1/4
1/2	1/2 3723.56	1/2 3487.40	1/2 3170.26	1/2 2853.05	1/2 2535.82	1/2 2218.58	1/2 1901.35	1/2 1584.27	1/2 1267.42	1/2 950.18	1/2 632.95	1/2 315.72	1/2
3/4	3722.32 3/4	3/4 3480.79	3/4 3163.66	3/4 2846.44	3/4 2529.21	3/4 2211.97	3/4 1894.74	3/4 1577.68	3/4 1260.81	3/4 943.57	3/4 626.34	3/4 309.11	3/4
10	10 3721.09	10 3474.19	10 3157.05	10 2839.83	10 2522.60	10 2205.37	10 1888.13	10 1571.08	10 1254.20	10 936.97	10 619.73	10 302.50	10
1/4	1/4 3719.85	1/4 3467.58	1/4 3150.44	1/4 2833.22	1/4 2515.99	1/4 2198.76	1/4 1881.52	1/4 1564.48	1/4 1247.59	1/4 930.36	1/4 613.12	1/4 295.89	1/4
1/2	1/2 3718.61	1/2 3460.97	1/2 3143.84	1/2 2826.61	1/2 2509.38	1/2 2192.15	1/2 1874.92	1/2 1557.88	1/2 1240.98	1/2 923.75	1/2 606.52	1/2 289.28	1/2
3/4	3716.55 3/4	3/4 3454.36	3/4 3137.23	3/4 2820.00	3/4 2502.77	3/4 2185.54	3/4 1868.31	3/4 1551.28	3/4 1234.37	3/4 917.14	3/4 599.91	3/4 282.67	3/4
11	11 3714.49	11 3447.76	11 3130.62	11 2813.39	11 2496.16	11 2178.93	11 1861.70	11 1544.69	11 1227.76	11 910.53	11 593.30	11 276.07	11
1/4	1/4 3712.42	1/4 3441.15	1/4 3124.01	1/4 2806.78	1/4 2489.55	1/4 2172.32	1/4 1855.09	1/4 1538.09	1/4 1221.15	1/4 903.92	1/4 586.69	1/4 269.46	1/4
1/2	1/2 3710.36	1/2 3434.54	1/2 3117.41	1/2 2800.18	1/2 2482.94	1/2 2165.71	1/2 1848.48	1/2 1531.49	1/2 1214.54	1/2 897.31	1/2 580.08	1/2 262.85	1/2
3/4	3707.47 3/4	3/4 3427.94	3/4 3110.80	3/4 2793.57	3/4 2476.33	3/4 2159.10	3/4 1841.87	3/4 1524.89	3/4 1207.93	3/4 890.70	3/4 573.47	3/4 256.24	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-9 1/2" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 4/17/02

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LENGTH KEEL WHEN GAUGES ARE TAKEN

2 STAR

HULL 4403

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 3712.42	0 3441.15	0 3124.01	0 2806.78	0 2489.55	0 2172.32	0 1855.09	0 1538.09	0 1221.15	0 903.92	0 586.69	0 269.46	0
1/4	1/4 3710.36	1/4 3434.54	1/4 3117.41	1/4 2800.18	1/4 2482.94	1/4 2165.71	1/4 1848.48	1/4 1531.49	1/4 1214.54	1/4 897.31	1/4 580.08	1/4 262.85	1/4
1/2	1/2 3707.47	1/2 3427.94	1/2 3110.80	1/2 2793.57	1/2 2476.33	1/2 2159.10	1/2 1841.87	1/2 1524.89	1/2 1207.93	1/2 890.70	1/2 573.47	1/2 256.24	1/2
3/4	3/4 3704.58	3/4 3421.33	3/4 3104.19	3/4 2786.96	3/4 2469.73	3/4 2152.49	3/4 1835.26	3/4 1518.29	3/4 1201.33	3/4 884.09	3/4 566.86	3/4 249.63	3/4
1	1 3701.69	1 3414.72	1 3097.58	1 2780.35	1 2463.12	1 2145.88	1 1828.65	1 1511.70	1 1194.72	1 877.48	1 560.25	1 243.02	1
1/4	1/4 3698.80	1/4 3408.12	1/4 3090.97	1/4 2773.74	1/4 2456.51	1/4 2139.28	1/4 1822.04	1/4 1505.10	1/4 1188.11	1/4 870.88	1/4 553.64	1/4 236.41	1/4
1/2	1/2 3695.08	1/2 3401.51	1/2 3084.36	1/2 2767.13	1/2 2449.90	1/2 2132.67	1/2 1815.43	1/2 1498.50	1/2 1181.50	1/2 864.27	1/2 547.03	1/2 229.80	1/2
3/4	3/4 3691.37	3/4 3394.90	3/4 3077.75	3/4 2760.52	3/4 2443.29	3/4 2126.06	3/4 1808.83	3/4 1491.90	3/4 1174.89	3/4 857.66	3/4 540.43	3/4 223.19	3/4
2	2 3687.65	2 3388.29	2 3071.14	2 2753.91	2 2436.68	2 2119.45	2 1802.22	2 1485.30	2 1168.28	2 851.05	2 533.82	2 216.65	2
1/4	1/4 3683.94	1/4 3381.69	1/4 3064.54	1/4 2747.30	1/4 2430.07	1/4 2112.84	1/4 1795.61	1/4 1478.71	1/4 1161.67	1/4 844.44	1/4 527.21	1/4 210.11	1/4
1/2	1/2 3679.40	1/2 3375.08	1/2 3057.93	1/2 2740.69	1/2 2423.46	1/2 2106.23	1/2 1789.00	1/2 1472.11	1/2 1155.06	1/2 837.83	1/2 520.60	1/2 203.57	1/2
3/4	3/4 3674.86	3/4 3368.47	3/4 3051.32	3/4 2734.09	3/4 2416.85	3/4 2099.62	3/4 1782.39	3/4 1465.51	3/4 1148.45	3/4 831.22	3/4 513.99	3/4 197.03	3/4
3	3 3670.31	3 3361.87	3 3044.71	3 2727.48	3 2410.24	3 2093.01	3 1775.78	3 1458.91	3 1141.84	3 824.61	3 507.38	3 190.49	3
1/4	1/4 3665.77	1/4 3355.26	1/4 3038.10	1/4 2720.87	1/4 2403.64	1/4 2086.40	1/4 1769.17	1/4 1452.31	1/4 1135.24	1/4 818.00	1/4 500.77	1/4 183.95	1/4
1/2	1/2 3660.41	1/2 3348.65	1/2 3031.49	1/2 2714.26	1/2 2397.03	1/2 2079.79	1/2 1762.56	1/2 1445.72	1/2 1128.63	1/2 811.39	1/2 494.16	1/2 177.41	1/2
3/4	3/4 3655.04	3/4 3342.05	3/4 3024.88	3/4 2707.65	3/4 2390.42	3/4 2073.19	3/4 1755.95	3/4 1439.12	3/4 1122.02	3/4 804.79	3/4 487.55	3/4 170.87	3/4
4	4 3649.68	4 3335.44	4 3018.27	4 2701.04	4 2383.81	4 2066.58	4 1749.34	4 1432.52	4 1115.41	4 798.18	4 480.94	4 164.33	4
1/4	1/4 3644.31	1/4 3328.83	1/4 3011.66	1/4 2694.43	1/4 2377.20	1/4 2059.97	1/4 1742.74	1/4 1425.92	1/4 1108.80	1/4 791.57	1/4 474.34	1/4 157.79	1/4
1/2	1/2 3638.12	1/2 3322.22	1/2 3005.05	1/2 2687.82	1/2 2370.59	1/2 2053.36	1/2 1736.13	1/2 1419.32	1/2 1102.19	1/2 784.96	1/2 467.73	1/2 151.25	1/2
3/4	3/4 3631.93	3/4 3315.62	3/4 2998.45	3/4 2681.21	3/4 2363.98	3/4 2046.75	3/4 1729.52	3/4 1412.73	3/4 1095.58	3/4 778.35	3/4 461.12	3/4 144.71	3/4
5	5 3625.73	5 3309.01	5 2991.84	5 2674.60	5 2357.37	5 2040.14	5 1722.91	5 1406.13	5 1088.97	5 771.74	5 454.51	5 138.17	5
1/4	1/4 3619.54	1/4 3302.40	1/4 2985.23	1/4 2668.00	1/4 2350.76	1/4 2033.53	1/4 1716.30	1/4 1399.53	1/4 1082.36	1/4 765.13	1/4 447.90	1/4 131.63	1/4
1/2	1/2 3612.93	1/2 3295.80	1/2 2978.62	1/2 2661.39	1/2 2344.15	1/2 2026.92	1/2 1709.69	1/2 1392.93	1/2 1075.75	1/2 758.52	1/2 441.29	1/2 125.09	1/2
3/4	3/4 3606.33	3/4 3289.19	3/4 2972.01	3/4 2654.78	3/4 2337.55	3/4 2020.31	3/4 1703.08	3/4 1386.33	3/4 1069.15	3/4 751.91	3/4 434.68	3/4 118.55	3/4
6	6 3599.72	6 3282.58	6 2965.40	6 2648.17	6 2330.94	6 2013.70	6 1696.47	6 1379.74	6 1062.54	6 745.30	6 428.07	6 112.01	6
1/4	1/4 3593.11	1/4 3275.98	1/4 2958.79	1/4 2641.56	1/4 2324.33	1/4 2007.10	1/4 1689.86	1/4 1373.14	1/4 1055.93	1/4 738.70	1/4 421.46	1/4 105.47	1/4
1/2	1/2 3586.50	1/2 3269.37	1/2 2952.18	1/2 2634.95	1/2 2317.72	1/2 2000.49	1/2 1683.25	1/2 1366.54	1/2 1049.32	1/2 732.09	1/2 414.85	1/2 98.93	1/2
3/4	3/4 3579.90	3/4 3262.76	3/4 2945.57	3/4 2628.34	3/4 2311.11	3/4 1993.88	3/4 1676.65	3/4 1359.94	3/4 1042.71	3/4 725.48	3/4 408.25	3/4 92.39	3/4
7	7 3573.29	7 3256.15	7 2938.96	7 2621.73	7 2304.50	7 1987.27	7 1670.05	7 1353.33	7 1036.10	7 718.87	7 401.64	7 85.85	7
1/4	1/4 3566.68	1/4 3249.55	1/4 2932.36	1/4 2615.12	1/4 2297.89	1/4 1980.66	1/4 1663.45	1/4 1346.72	1/4 1029.49	1/4 712.26	1/4 395.03	1/4 79.31	1/4
1/2	1/2 3560.08	1/2 3242.94	1/2 2925.75	1/2 2608.51	1/2 2291.28	1/2 1974.05	1/2 1656.85	1/2 1340.11	1/2 1022.88	1/2 705.65	1/2 388.42	1/2 72.77	1/2
3/4	3/4 3553.47	3/4 3236.33	3/4 2919.14	3/4 2601.91	3/4 2284.67	3/4 1967.44	3/4 1650.25	3/4 1333.51	3/4 1016.27	3/4 699.04	3/4 381.81	3/4 66.23	3/4
8	8 3546.86	8 3229.73	8 2912.53	8 2595.30	8 2278.06	8 1960.83	8 1643.66	8 1326.90	8 1009.66	8 692.43	8 375.20	8 60.36	8
1/4	1/4 3540.26	1/4 3223.12	1/4 2905.92	1/4 2588.69	1/4 2271.46	1/4 1954.22	1/4 1637.06	1/4 1320.29	1/4 1003.06	1/4 685.82	1/4 368.59	1/4 54.48	1/4
1/2	1/2 3533.65	1/2 3216.51	1/2 2899.31	1/2 2582.08	1/2 2264.85	1/2 1947.61	1/2 1630.46	1/2 1313.68	1/2 996.45	1/2 679.21	1/2 361.98	1/2 48.60	1/2
3/4	3/4 3527.04	3/4 3209.91	3/4 2892.70	3/4 2575.47	3/4 2258.24	3/4 1941.01	3/4 1623.86	3/4 1307.07	3/4 989.84	3/4 672.61	3/4 355.37	3/4 42.73	3/4
9	9 3520.43	9 3203.30	9 2886.09	9 2568.86	9 2251.63	9 1934.40	9 1617.26	9 1300.46	9 983.23	9 666.00	9 348.76	9 38.10	9
1/4	3725.21 1/4 3513.83	1/4 3196.69	1/4 2879.48	1/4 2562.25	1/4 2245.02	1/4 1927.79	1/4 1610.67	1/4 1293.85	1/4 976.62	1/4 659.39	1/4 342.16	1/4 33.47	1/4
1/2	3724.80 1/2 3507.22	1/2 3190.08	1/2 2872.87	1/2 2555.64	1/2 2238.41	1/2 1921.18	1/2 1604.07	1/2 1287.24	1/2 970.01	1/2 652.78	1/2 335.55	1/2 28.85	1/2
3/4	3724.38 3/4 3500.61	3/4 3183.48	3/4 2866.27	3/4 2549.03	3/4 2231.80	3/4 1914.57	3/4 1597.47	3/4 1280.63	3/4 963.40	3/4 646.17	3/4 328.94	3/4 24.22	3/4
10	10 3723.97	10 3494.01	10 3176.87	10 2859.66	10 2542.42	10 2225.19	10 1907.96	10 1590.87	10 1274.02	10 956.79	10 639.56	10 322.33	10
1/4	3723.56 1/4 3487.40	1/4 3170.26	1/4 2853.05	1/4 2535.82	1/4 2218.58	1/4 1901.35	1/4 1584.27	1/4 1267.42	1/4 950.18	1/4 632.95	1/4 315.72	1/4 *17.62	1/4
1/2	3722.32 1/2 3480.79	1/2 3163.66	1/2 2846.44	1/2 2529.21	1/2 2211.97	1/2 1894.74	1/2 1577.68	1/2 1260.81	1/2 943.57	1/2 626.34	1/2 309.11	1/2	1/2
3/4	3721.09 3/4 3474.19	3/4 3157.05	3/4 2839.83	3/4 2522.60	3/4 2205.37	3/4 1888.13	3/4 1571.08	3/4 1254.20	3/4 936.97	3/4 619.73	3/4 302.50	3/4	3/4
11	11 3719.85	11 3467.58	11 3150.44	11 2833.22	11 2515.99	11 2198.76	11 1881.52	11 1564.48	11 1247.59	11 930.36	11 613.12	11 295.89	11
1/4	3718.61 1/4 3460.97	1/4 3143.84	1/4 2826.61	1/4 2509.38	1/4 2192.15	1/4 1874.92	1/4 1557.88	1/4 1240.98	1/4 923.75	1/4 606.52	1/4 289.28	1/4	1/4
1/2	3716.55 1/2 3454.36	1/2 3137.23	1/2 2820.00	1/2 2502.77	1/2 2185.54	1/2 1868.31	1/2 1551.28	1/2 1234.37	1/2 917.14	1/2 599.91	1/2 282.67	1/2	1/2
3/4	3714.49 3/4 3447.76	3/4 3130.62	3/4 2813.39	3/4 2496.16	3/4 2178.93	3/4 1861.70	3/4 1544.69	3/4 1227.76	3/4 910.53	3/4 593.30	3/4 276.07	3/4	3/4

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 12'-10 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

*CAPACITY BELOW STRIKE POINT

STRAPPED 4/17/02

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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	3695.62	0	3413.05	0	3096.68	0	2780.21	0	2463.75	0	2147.29	0	1830.82	0	1514.62	0	1198.42	0	881.96	0	565.49	0	249.03	0			
1/4		1/4	3692.73	1/4	3406.46	1/4	3090.08	1/4	2773.62	1/4	2457.16	1/4	2140.69	1/4	1824.23	1/4	1508.04	1/4	1191.83	1/4	875.36	1/4	558.90	1/4	242.44	1/4			
1/2		1/2	3689.85	1/2	3399.87	1/2	3083.49	1/2	2767.03	1/2	2450.56	1/2	2134.10	1/2	1817.64	1/2	1501.46	1/2	1185.24	1/2	868.77	1/2	552.31	1/2	235.84	1/2			
3/4		3/4	3686.15	3/4	3393.28	3/4	3076.90	3/4	2760.43	3/4	2443.97	3/4	2127.51	3/4	1811.04	3/4	1494.88	3/4	1178.64	3/4	862.18	3/4	545.71	3/4	229.25	3/4			
1		1	3682.44	1	3386.69	1	3070.31	1	2753.84	1	2437.38	1	2120.91	1	1804.45	1	1488.29	1	1172.05	1	855.59	1	539.12	1	222.66	1			
1/4		1/4	3678.73	1/4	3380.09	1/4	3063.71	1/4	2747.25	1/4	2430.78	1/4	2114.32	1/4	1797.86	1/4	1481.71	1/4	1165.46	1/4	848.99	1/4	532.53	1/4	216.13	1/4			
1/2		1/2	3675.03	1/2	3373.50	1/2	3057.12	1/2	2740.66	1/2	2424.19	1/2	2107.73	1/2	1791.26	1/2	1475.13	1/2	1158.86	1/2	842.40	1/2	525.94	1/2	209.61	1/2			
3/4		3/4	3670.50	3/4	3366.91	3/4	3050.53	3/4	2734.06	3/4	2417.60	3/4	2101.13	3/4	1784.67	3/4	1468.55	3/4	1152.27	3/4	835.81	3/4	519.34	3/4	203.09	3/4			
2		2	3665.97	2	3360.32	2	3043.93	2	2727.47	2	2411.01	2	2094.54	2	1778.08	2	1461.97	2	1145.68	2	829.21	2	512.75	2	196.56	2			
1/4		1/4	3661.43	1/4	3353.73	1/4	3037.34	1/4	2720.88	1/4	2404.41	1/4	2087.95	1/4	1771.48	1/4	1455.38	1/4	1139.08	1/4	822.62	1/4	506.16	1/4	190.04	1/4			
1/2		1/2	3656.90	1/2	3347.14	1/2	3030.75	1/2	2714.28	1/2	2397.82	1/2	2081.36	1/2	1764.89	1/2	1448.80	1/2	1132.49	1/2	816.03	1/2	499.56	1/2	183.51	1/2			
3/4		3/4	3651.55	3/4	3340.55	3/4	3024.15	3/4	2707.69	3/4	2391.23	3/4	2074.76	3/4	1758.30	3/4	1442.22	3/4	1125.90	3/4	809.43	3/4	492.97	3/4	176.99	3/4			
3		3	3646.20	3	3333.96	3	3017.56	3	2701.10	3	2384.63	3	2068.17	3	1751.71	3	1435.64	3	1119.31	3	802.84	3	486.38	3	170.47	3			
1/4		1/4	3640.84	1/4	3327.37	1/4	3010.97	1/4	2694.50	1/4	2378.04	1/4	2061.58	1/4	1745.11	1/4	1429.06	1/4	1112.71	1/4	796.25	1/4	479.78	1/4	163.94	1/4			
1/2		1/2	3635.49	1/2	3320.78	1/2	3004.38	1/2	2687.91	1/2	2371.45	1/2	2054.98	1/2	1738.52	1/2	1422.47	1/2	1106.12	1/2	789.66	1/2	473.19	1/2	157.42	1/2			
3/4		3/4	3629.31	3/4	3314.18	3/4	2997.78	3/4	2681.32	3/4	2364.85	3/4	2048.39	3/4	1731.93	3/4	1415.89	3/4	1099.53	3/4	783.06	3/4	466.60	3/4	150.89	3/4			
4		4	3623.14	4	3307.59	4	2991.19	4	2674.73	4	2358.26	4	2041.80	4	1725.33	4	1409.31	4	1092.93	4	776.47	4	460.01	4	144.37	4			
1/4		1/4	3616.96	1/4	3301.00	1/4	2984.60	1/4	2668.13	1/4	2351.67	1/4	2035.20	1/4	1718.74	1/4	1402.73	1/4	1086.34	1/4	769.88	1/4	453.41	1/4	137.85	1/4			
1/2		1/2	3610.78	1/2	3294.41	1/2	2978.00	1/2	2661.54	1/2	2345.08	1/2	2028.61	1/2	1712.15	1/2	1396.15	1/2	1079.75	1/2	763.28	1/2	446.82	1/2	131.32	1/2			
3/4		3/4	3604.19	3/4	3287.82	3/4	2971.41	3/4	2654.95	3/4	2338.48	3/4	2022.02	3/4	1705.55	3/4	1389.56	3/4	1073.15	3/4	756.69	3/4	440.23	3/4	124.80	3/4			
5		5	3597.60	5	3281.23	5	2964.82	5	2648.35	5	2331.89	5	2015.43	5	1698.96	5	1382.98	5	1066.56	5	750.10	5	433.63	5	118.27	5			
1/4		1/4	3591.01	1/4	3274.64	1/4	2958.22	1/4	2641.76	1/4	2325.30	1/4	2008.83	1/4	1692.37	1/4	1376.40	1/4	1059.97	1/4	743.50	1/4	427.04	1/4	111.75	1/4			
1/2		1/2	3584.42	1/2	3268.05	1/2	2951.63	1/2	2635.17	1/2	2318.70	1/2	2002.24	1/2	1685.78	1/2	1369.82	1/2	1053.38	1/2	736.91	1/2	420.45	1/2	105.23	1/2			
3/4		3/4	3577.82	3/4	3261.46	3/4	2945.04	3/4	2628.57	3/4	2312.11	3/4	1995.65	3/4	1679.18	3/4	1363.24	3/4	1046.78	3/4	730.32	3/4	413.85	3/4	98.70	3/4			
6		6	3571.23	6	3254.87	6	2938.45	6	2621.98	6	2305.52	6	1989.05	6	1672.59	6	1356.65	6	1040.19	6	723.73	6	407.26	6	92.18	6			
1/4		1/4	3564.64	1/4	3248.27	1/4	2931.85	1/4	2615.39	1/4	2298.92	1/4	1982.46	1/4	1666.01	1/4	1350.06	1/4	1033.60	1/4	717.13	1/4	400.67	1/4	85.65	1/4			
1/2		1/2	3558.05	1/2	3241.68	1/2	2925.26	1/2	2608.80	1/2	2292.33	1/2	1975.87	1/2	1659.43	1/2	1343.47	1/2	1027.00	1/2	710.54	1/2	394.08	1/2	79.13	1/2			
3/4		3/4	3551.46	3/4	3235.09	3/4	2918.67	3/4	2602.20	3/4	2285.74	3/4	1969.27	3/4	1652.84	3/4	1336.87	3/4	1020.41	3/4	703.95	3/4	387.48	3/4	72.61	3/4			
7		7	3544.87	7	3228.50	7	2912.07	7	2595.61	7	2279.15	7	1962.68	7	1646.26	7	1330.28	7	1013.82	7	697.35	7	380.89	7	66.08	7			
1/4		1/4	3538.28	1/4	3221.91	1/4	2905.48	1/4	2589.02	1/4	2272.55	1/4	1956.09	1/4	1639.68	1/4	1323.69	1/4	1007.22	1/4	690.76	1/4	374.30	1/4	60.22	1/4			
1/2		1/2	3531.69	1/2	3215.32	1/2	2898.89	1/2	2582.42	1/2	2265.96	1/2	1949.50	1/2	1633.10	1/2	1317.10	1/2	1000.63	1/2	684.17	1/2	367.70	1/2	54.35	1/2			
3/4		3/4	3525.10	3/4	3208.73	3/4	2892.29	3/4	2575.83	3/4	2259.37	3/4	1942.90	3/4	1626.52	3/4	1310.50	3/4	994.04	3/4	677.57	3/4	361.11	3/4	48.49	3/4			
8		8	3518.51	8	3202.14	8	2885.70	8	2569.24	8	2252.77	8	1936.31	8	1619.93	8	1303.91	8	987.45	8	670.98	8	354.52	8	42.63	8			
1/4		1/4	3511.91	1/4	3195.55	1/4	2879.11	1/4	2562.64	1/4	2246.18	1/4	1929.72	1/4	1613.35	1/4	1297.32	1/4	980.85	1/4	664.39	1/4	347.92	1/4	38.01	1/4			
1/2	3716.19	1/2	3505.32	1/2	3188.96	1/2	2872.52	1/2	2556.05	1/2	2239.59	1/2	1923.12	1/2	1606.77	1/2	1290.72	1/2	974.26	1/2	657.80	1/2	341.33	1/2	33.40	1/2			
3/4	3715.78	3/4	3498.73	3/4	3182.36	3/4	2865.92	3/4	2549.46	3/4	2232.99	3/4	1916.53	3/4	1600.19	3/4	1284.13	3/4	967.67	3/4	651.20	3/4	334.74	3/4	28.78	3/4			
9	3715.37	9	3492.14	9	3175.77	9	2859.33	9	2542.87	9	2226.40	9	1909.94	9	1593.61	9	1277.54	9	961.07	9	644.61	9	328.15	9	24.17	9			
1/4	3714.96	1/4	3485.55	1/4	3169.18	1/4	2852.74	1/4	2536.27	1/4	2219.81	1/4	190																

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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	3689.85	0	3399.87	0	3083.49	0	2767.03	0	2450.56	0	2134.10	0	1817.64	0	1501.46	0	1185.24	0	868.77	0	552.31	0	235.84	0	
1/4		1/4	3686.15	1/4	3393.28	1/4	3076.90	1/4	2760.43	1/4	2443.97	1/4	2127.51	1/4	1811.04	1/4	1494.88	1/4	1178.64	1/4	862.18	1/4	545.71	1/4	229.25	1/4	
1/2		1/2	3682.44	1/2	3386.69	1/2	3070.31	1/2	2753.84	1/2	2437.38	1/2	2120.91	1/2	1804.45	1/2	1488.29	1/2	1172.05	1/2	855.59	1/2	539.12	1/2	222.66	1/2	
3/4		3/4	3678.73	3/4	3380.09	3/4	3063.71	3/4	2747.25	3/4	2430.78	3/4	2114.32	3/4	1797.86	3/4	1481.71	3/4	1165.46	3/4	848.99	3/4	532.53	3/4	216.13	3/4	
1		1	3675.03	1	3373.50	1	3057.12	1	2740.66	1	2424.19	1	2107.73	1	1791.26	1	1475.13	1	1158.86	1	842.40	1	525.94	1	209.61	1	
1/4		1/4	3670.50	1/4	3366.91	1/4	3050.53	1/4	2734.06	1/4	2417.60	1/4	2101.13	1/4	1784.67	1/4	1468.55	1/4	1152.27	1/4	835.81	1/4	519.34	1/4	203.09	1/4	
1/2		1/2	3665.97	1/2	3360.32	1/2	3043.93	1/2	2727.47	1/2	2411.01	1/2	2094.54	1/2	1778.08	1/2	1461.97	1/2	1145.68	1/2	829.21	1/2	512.75	1/2	196.56	1/2	
3/4		3/4	3661.43	3/4	3353.73	3/4	3037.34	3/4	2720.88	3/4	2404.41	3/4	2087.95	3/4	1771.48	3/4	1455.38	3/4	1139.08	3/4	822.62	3/4	506.16	3/4	190.04	3/4	
2		2	3656.90	2	3347.14	2	3030.75	2	2714.28	2	2397.82	2	2081.36	2	1764.89	2	1448.80	2	1132.49	2	816.03	2	499.56	2	183.51	2	
1/4		1/4	3651.55	1/4	3340.55	1/4	3024.15	1/4	2707.69	1/4	2391.23	1/4	2074.76	1/4	1758.30	1/4	1442.22	1/4	1125.90	1/4	809.43	1/4	492.97	1/4	176.99	1/4	
1/2		1/2	3646.20	1/2	3333.96	1/2	3017.56	1/2	2701.10	1/2	2384.63	1/2	2068.17	1/2	1751.71	1/2	1435.64	1/2	1119.31	1/2	802.84	1/2	486.38	1/2	170.47	1/2	
3/4		3/4	3640.84	3/4	3327.37	3/4	3010.97	3/4	2694.50	3/4	2378.04	3/4	2061.58	3/4	1745.11	3/4	1429.06	3/4	1112.71	3/4	796.25	3/4	479.78	3/4	163.94	3/4	
3		3	3635.49	3	3320.78	3	3004.38	3	2687.91	3	2371.45	3	2054.98	3	1738.52	3	1422.47	3	1106.12	3	789.66	3	473.19	3	157.42	3	
1/4		1/4	3629.31	1/4	3314.18	1/4	2997.78	1/4	2681.32	1/4	2364.85	1/4	2048.39	1/4	1731.93	1/4	1415.89	1/4	1099.53	1/4	783.06	1/4	466.60	1/4	150.89	1/4	
1/2		1/2	3623.14	1/2	3307.59	1/2	2991.19	1/2	2674.73	1/2	2358.26	1/2	2041.80	1/2	1725.33	1/2	1409.31	1/2	1092.93	1/2	776.47	1/2	460.01	1/2	144.37	1/2	
3/4		3/4	3616.96	3/4	3301.00	3/4	2984.60	3/4	2668.13	3/4	2351.67	3/4	2035.20	3/4	1718.74	3/4	1402.73	3/4	1086.34	3/4	769.88	3/4	453.41	3/4	137.85	3/4	
4		4	3610.78	4	3294.41	4	2978.00	4	2661.54	4	2345.08	4	2028.61	4	1712.15	4	1396.15	4	1079.75	4	763.28	4	446.82	4	131.32	4	
1/4		1/4	3604.19	1/4	3287.82	1/4	2971.41	1/4	2654.95	1/4	2338.48	1/4	2022.02	1/4	1705.55	1/4	1389.56	1/4	1073.15	1/4	756.69	1/4	440.23	1/4	124.80	1/4	
1/2		1/2	3597.60	1/2	3281.23	1/2	2964.82	1/2	2648.35	1/2	2331.89	1/2	2015.43	1/2	1698.96	1/2	1382.98	1/2	1066.56	1/2	750.10	1/2	433.63	1/2	118.27	1/2	
3/4		3/4	3591.01	3/4	3274.64	3/4	2958.22	3/4	2641.76	3/4	2325.30	3/4	2008.83	3/4	1692.37	3/4	1376.40	3/4	1059.97	3/4	743.50	3/4	427.04	3/4	111.75	3/4	
5		5	3584.42	5	3268.05	5	2951.63	5	2635.17	5	2318.70	5	2002.24	5	1685.78	5	1369.82	5	1053.38	5	736.91	5	420.45	5	105.23	5	
1/4		1/4	3577.82	1/4	3261.46	1/4	2945.04	1/4	2628.57	1/4	2312.11	1/4	1995.65	1/4	1679.18	1/4	1363.24	1/4	1046.78	1/4	730.32	1/4	413.85	1/4	98.70	1/4	
1/2		1/2	3571.23	1/2	3254.87	1/2	2938.45	1/2	2621.98	1/2	2305.52	1/2	1989.05	1/2	1672.59	1/2	1356.65	1/2	1040.19	1/2	723.73	1/2	407.26	1/2	92.18	1/2	
3/4		3/4	3564.64	3/4	3248.27	3/4	2931.85	3/4	2615.39	3/4	2298.92	3/4	1982.46	3/4	1666.01	3/4	1350.06	3/4	1033.60	3/4	717.13	3/4	400.67	3/4	85.65	3/4	
6		6	3558.05	6	3241.68	6	2925.26	6	2608.80	6	2292.33	6	1975.87	6	1659.43	6	1343.47	6	1027.00	6	710.54	6	394.08	6	79.13	6	
1/4		1/4	3551.46	1/4	3235.09	1/4	2918.67	1/4	2602.20	1/4	2285.74	1/4	1969.27	1/4	1652.84	1/4	1336.87	1/4	1020.41	1/4	703.95	1/4	387.48	1/4	72.61	1/4	
1/2		1/2	3544.87	1/2	3228.50	1/2	2912.07	1/2	2595.61	1/2	2279.15	1/2	1962.68	1/2	1646.26	1/2	1330.28	1/2	1013.82	1/2	697.35	1/2	380.89	1/2	66.08	1/2	
3/4		3/4	3538.28	3/4	3221.91	3/4	2905.48	3/4	2589.02	3/4	2272.55	3/4	1956.09	3/4	1639.68	3/4	1323.69	3/4	1007.22	3/4	690.76	3/4	374.30	3/4	60.22	3/4	
7		7	3531.69	7	3215.32	7	2898.89	7	2582.42	7	2265.96	7	1949.50	7	1633.10	7	1317.10	7	1000.63	7	684.17	7	367.70	7	54.35	7	
1/4		1/4	3525.10	1/4	3208.73	1/4	2892.29	1/4	2575.83	1/4	2259.37	1/4	1942.90	1/4	1626.52	1/4	1310.50	1/4	994.04	1/4	677.57	1/4	361.11	1/4	48.49	1/4	
1/2		1/2	3518.51	1/2	3202.14	1/2	2885.70	1/2	2569.24	1/2	2252.77	1/2	1936.31	1/2	1619.93	1/2	1303.91	1/2	987.45	1/2	670.98	1/2	354.52	1/2	42.63	1/2	
3/4		3/4	3511.91	3/4	3195.55	3/4	2879.11	3/4	2562.64	3/4	2246.18	3/4	1929.72	3/4	1613.35	3/4	1297.32	3/4	980.85	3/4	664.39	3/4	347.92	3/4	38.01	3/4	
8	3716.19	8	3505.32	8	3188.96	8	2872.52	8	2556.05	8	2239.59	8	1923.12	8	1606.77	8	1290.72	8	974.26	8	657.80	8	341.33	8	33.40	8	
1/4	3715.78	1/4	3498.73	1/4	3182.36	1/4	2865.92	1/4	2549.46	1/4	2232.99	1/4	1916.53	1/4	1600.19	1/4	1284.13	1/4	967.67	1/4	651.20	1/4	334.74	1/4	28.78	1/4	
1/2	3715.37	1/2	3492.14	1/2	3175.77	1/2	2859.33	1/2	2542.87	1/2	2226.40	1/2	1909.94	1/2	1593.61	1/2	1277.54	1/2	961.07	1/2	644.61	1/2	328.15	1/2	24.17	1/2	
3/4	3714.96	3/4	3485.55	3/4	3169.18	3/4	2852.74	3/4	2536.27	3/4	2219.81	3/4	1903.34	3/4	1587.02	3/4	1270.94	3/4	954.48	3/4	638.02	3/4	321.55	3/4	20.87	3/4	
9	3714.55	9	3478.96	9	3162.59	9	2846.14	9	2529.68	9	2213.22	9	1896.75	9	1580.44	9	1264.35	9	947.89	9	631.42	9	314.96	9	17.57	9	
1/4	3713.31	1/4	3472.37	1/4	3156.00	1/4	2839.55	1/4	2523.09	1/4	2206.62	1/4	1890.16	1/4	1573.86	1/4	1257.76	1/4	941.29	1/4	624.83	1/4	308.37	1/4	14.28	1/4	
1/2	3712.08	1/2	3465.78	1/2	3149.41	1/2	2832.96	1/2	2516.49	1/2	2200.03	1/2	1883.57	1/2	1567.28	1/2	1251.17	1/2	934.70	1							

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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	2943.84	0	2886.44	0	2671.95	0	2386.11	0	2100.27	0	1814.43	0	1528.59	0	1243.20	0	957.39	0	671.55	0	385.71	0		100.96	
1/4	1/4	1/4	1/4	1/4	2942.65	1/4	2885.24	1/4	2666.00	1/4	2380.16	1/4	2094.32	1/4	1808.48	1/4	1522.64	1/4	1237.26	1/4	951.44	1/4	665.60	1/4	379.76	1/4	1/4	95.07	
1/2	1/2	1/2	1/2	1/2	2941.45	1/2	2884.04	1/2	2660.04	1/2	2374.20	1/2	2088.36	1/2	1802.52	1/2	1516.68	1/2	1231.31	1/2	945.48	1/2	659.64	1/2	373.80	1/2	1/2	89.18	
3/4	3/4	3/4	3/4	3/4	2940.26	3/4	2882.85	3/4	2654.09	3/4	2368.25	3/4	2082.41	3/4	1796.57	3/4	1510.73	3/4	1225.37	3/4	939.53	3/4	653.69	3/4	367.85	3/4	3/4	83.29	
1		1		1	2939.06	1	2881.65	1	2648.13	1	2362.29	1	2076.45	1	1790.61	1	1504.78	1	1219.41	1	933.57	1	647.73	1	361.89	1		77.40	
1/4	1/4	1/4	1/4	1/4	2937.86	1/4	2880.46	1/4	2642.18	1/4	2356.34	1/4	2070.50	1/4	1784.66	1/4	1498.84	1/4	1213.46	1/4	927.62	1/4	641.78	1/4	355.94	1/4	1/4	71.51	
1/2	1/2	1/2	1/2	1/2	2936.67	1/2	2878.78	1/2	2636.22	1/2	2350.38	1/2	2064.54	1/2	1778.70	1/2	1492.89	1/2	1207.50	1/2	921.66	1/2	635.82	1/2	349.98	1/2	1/2	65.62	
3/4	3/4	3/4	3/4	3/4	2935.47	3/4	2877.11	3/4	2630.27	3/4	2344.43	3/4	2058.59	3/4	1772.75	3/4	1486.95	3/4	1201.55	3/4	915.71	3/4	629.87	3/4	344.03	3/4	3/4	59.73	
2		2		2	2934.28	2	2875.43	2	2624.31	2	2338.47	2	2052.63	2	1766.79	2	1481.00	2	1195.59	2	909.75	2	623.91	2	338.07	2		54.43	
1/4	1/4	1/4	1/4	1/4	2933.08	1/4	2873.76	1/4	2618.36	1/4	2332.52	1/4	2046.68	1/4	1760.84	1/4	1475.06	1/4	1189.64	1/4	903.80	1/4	617.96	1/4	332.12	1/4	1/4	49.13	
1/2	1/2	1/2	1/2	1/2	2931.88	1/2	2871.13	1/2	2612.40	1/2	2326.56	1/2	2040.72	1/2	1754.88	1/2	1469.11	1/2	1183.68	1/2	897.84	1/2	612.00	1/2	326.16	1/2	1/2	43.84	
3/4	3/4	3/4	3/4	3/4	2930.69	3/4	2868.51	3/4	2606.45	3/4	2320.61	3/4	2034.77	3/4	1748.93	3/4	1463.17	3/4	1177.73	3/4	891.89	3/4	606.05	3/4	320.21	3/4	3/4	38.54	
3		3		3	2929.49	3	2865.88	3	2600.49	3	2314.65	3	2028.81	3	1742.97	3	1457.22	3	1171.77	3	885.93	3	600.09	3	314.25	3		34.37	
1/4	1/4	2966.53	1/4	2928.30	1/4	2863.26	1/4	2594.54	1/4	2308.70	1/4	2022.86	1/4	1737.02	1/4	1451.28	1/4	1165.82	1/4	879.98	1/4	594.14	1/4	308.30	1/4	1/4	30.21		
1/2	1/2	2966.46	1/2	2927.10	1/2	2859.68	1/2	2588.58	1/2	2302.74	1/2	2016.90	1/2	1731.06	1/2	1445.33	1/2	1159.86	1/2	874.02	1/2	588.18	1/2	302.34	1/2	1/2	26.04		
3/4	3/4	2966.39	3/4	2925.90	3/4	2856.10	3/4	2582.63	3/4	2296.79	3/4	2010.95	3/4	1725.11	3/4	1439.39	3/4	1153.91	3/4	868.07	3/4	582.23	3/4	296.39	3/4	3/4	21.87		
4		4	2966.32	4	2924.71	4	2852.52	4	2576.67	4	2290.83	4	2004.99	4	1719.15	4	1433.44	4	1147.95	4	862.11	4	576.27	4	290.43	4		18.89	
1/4	1/4	2966.24	1/4	2923.51	1/4	2848.95	1/4	2570.72	1/4	2284.88	1/4	1999.04	1/4	1713.20	1/4	1427.50	1/4	1142.00	1/4	856.16	1/4	570.32	1/4	284.48	1/4	1/4	15.92		
1/2	1/2	2966.02	1/2	2922.32	1/2	2844.42	1/2	2564.76	1/2	2278.92	1/2	1993.08	1/2	1707.24	1/2	1421.55	1/2	1136.04	1/2	850.20	1/2	564.36	1/2	278.52	1/2	1/2	12.94		
3/4	3/4	2965.80	3/4	2921.12	3/4	2839.89	3/4	2558.81	3/4	2272.97	3/4	1987.13	3/4	1701.29	3/4	1415.61	3/4	1130.09	3/4	844.25	3/4	558.41	3/4	272.57	3/4	3/4	*9.96		
5		5	2965.57	5	2919.92	5	2835.36	5	2552.85	5	2267.01	5	1981.17	5	1695.33	5	1409.66	5	1124.13	5	838.29	5	552.45	5	266.61	5			
1/4	1/4	2965.35	1/4	2918.73	1/4	2830.84	1/4	2546.90	1/4	2261.06	1/4	1975.22	1/4	1689.38	1/4	1403.72	1/4	1118.18	1/4	832.34	1/4	546.50	1/4	260.66	1/4	1/4			
1/2	1/2	2964.98	1/2	2917.53	1/2	2825.36	1/2	2540.94	1/2	2255.10	1/2	1969.26	1/2	1683.42	1/2	1397.77	1/2	1112.22	1/2	826.38	1/2	540.54	1/2	254.70	1/2	1/2			
3/4	3/4	2964.61	3/4	2916.34	3/4	2819.88	3/4	2534.99	3/4	2249.15	3/4	1963.31	3/4	1677.47	3/4	1391.83	3/4	1106.27	3/4	820.43	3/4	534.59	3/4	248.75	3/4	3/4			
6		6	2964.24	6	2915.14	6	2814.40	6	2529.03	6	2243.19	6	1957.35	6	1671.51	6	1385.88	6	1100.31	6	814.47	6	528.63	6	242.79	6			
1/4	1/4	2963.86	1/4	2913.94	1/4	2808.92	1/4	2523.08	1/4	2237.24	1/4	1951.40	1/4	1665.56	1/4	1379.94	1/4	1094.36	1/4	808.52	1/4	522.68	1/4	236.84	1/4	1/4			
1/2	1/2	2963.34	1/2	2912.75	1/2	2802.96	1/2	2517.12	1/2	2231.28	1/2	1945.44	1/2	1659.60	1/2	1373.99	1/2	1088.40	1/2	802.56	1/2	516.72	1/2	230.88	1/2	1/2			
3/4	3/4	2962.82	3/4	2911.55	3/4	2797.01	3/4	2511.17	3/4	2225.33	3/4	1939.49	3/4	1653.65	3/4	1368.05	3/4	1082.45	3/4	796.61	3/4	510.77	3/4	224.93	3/4	3/4			
7		7	2962.30	7	2910.36	7	2791.05	7	2505.21	7	2219.37	7	1933.53	7	1647.69	7	1362.10	7	1076.49	7	790.65	7	504.81	7	218.97	7			
1/4	1/4	2961.78	1/4	2909.16	1/4	2785.10	1/4	2499.26	1/4	2213.42	1/4	1927.58	1/4	1641.74	1/4	1356.16	1/4	1070.54	1/4	784.70	1/4	498.86	1/4	213.02	1/4	1/4			
1/2	1/2	2961.10	1/2	2907.96	1/2	2779.14	1/2	2493.30	1/2	2207.46	1/2	1921.62	1/2	1635.78	1/2	1350.21	1/2	1064.58	1/2	778.74	1/2	492.90	1/2	207.06	1/2	1/2			
3/4	3/4	2960.43	3/4	2906.77	3/4	2773.19	3/4	2487.35	3/4	2201.51	3/4	1915.67	3/4	1629.83	3/4	1344.27	3/4	1058.63	3/4	772.79	3/4	486.95	3/4	201.11	3/4	3/4			
8		8	2959.76	8	2905.57	8	2767.23	8	2481.39	8	2195.55	8	1909.71	8	1623.87	8	1338.32	8	1052.67	8	766.83	8	480.99	8	195.22	8			
1/4	1/4	2959.09	1/4	2904.38	1/4	2761.28	1/4	2475.44	1/4	2189.60	1/4	1903.76	1/4	1617.92	1/4	1332.38	1/4	1046.72	1/4	760.88	1/4	475.04	1/4	189.33	1/4	1/4			
1/2	1/2	2958.27	1/2	2903.18	1/2	2755.32	1/2	2469.48	1/2	2183.64	1/2	1897.80	1/2	1611.96	1/2	1326.43	1/2	1040.76	1/2	754.92	1/2	469.08	1/2	183.44	1/2	1/2			
3/4	3/4	2957.44	3/4	2901.98	3/4	2749.37	3/4	2463.53	3/4	2177.69	3/4	1891.85	3/4	1606.01	3/4	1320.49	3/4	1034.81	3/4	748.97	3/4	463.13	3/4	177.55	3/4	3/4			
9		9	2956.62	9	2900.79	9	2743.41	9	2457.57	9	2171.73	9	1885.89	9	1600.05	9	1314.54	9	1028.85	9	743.01	9	457.17	9	171.65	9			
1/4	1/4	2955.80	1/4	2899.59	1/4	2737.46	1/4	2451.62	1/4	2165.78	1/4	1879.94	1/4	1594.10	1/4	1308.60	1/4	1022.90	1/4	737.06									

MAGNOLIA MARINE - BARGE "MM 54B"

OUTAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4403

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	2945.04	0	2887.63	0	2677.91	0	2392.07	0	2106.23	0	1820.39	0	1534.55	0	1249.15	0	963.35	0	677.51	0	391.67	0	106.85		
1/4	1/4	1/4	1/4	1/4	2943.84	1/4	2886.44	1/4	2671.95	1/4	2386.11	1/4	2100.27	1/4	1814.43	1/4	1528.59	1/4	1243.20	1/4	957.39	1/4	671.55	1/4	385.71	1/4	100.96		
1/2	1/2	1/2	1/2	1/2	2942.65	1/2	2885.24	1/2	2666.00	1/2	2380.16	1/2	2094.32	1/2	1808.48	1/2	1522.64	1/2	1237.26	1/2	951.44	1/2	665.60	1/2	379.76	1/2	95.07		
3/4	3/4	3/4	3/4	3/4	2941.45	3/4	2884.04	3/4	2660.04	3/4	2374.20	3/4	2088.36	3/4	1802.52	3/4	1516.68	3/4	1231.31	3/4	945.48	3/4	659.64	3/4	373.80	3/4	89.18		
1		1		1	2940.26	1	2882.85	1	2654.09	1	2368.25	1	2082.41	1	1796.57	1	1510.73	1	1225.37	1	939.53	1	653.69	1	367.85	1	83.29		
1/4	1/4	1/4	1/4	1/4	2939.06	1/4	2881.65	1/4	2648.13	1/4	2362.29	1/4	2076.45	1/4	1790.61	1/4	1504.78	1/4	1219.41	1/4	933.57	1/4	647.73	1/4	361.89	1/4	77.40		
1/2	1/2	1/2	1/2	1/2	2937.86	1/2	2880.46	1/2	2642.18	1/2	2356.34	1/2	2070.50	1/2	1784.66	1/2	1498.84	1/2	1213.46	1/2	927.62	1/2	641.78	1/2	355.94	1/2	71.51		
3/4	3/4	3/4	3/4	3/4	2936.67	3/4	2878.78	3/4	2636.22	3/4	2350.38	3/4	2064.54	3/4	1778.70	3/4	1492.89	3/4	1207.50	3/4	921.66	3/4	635.82	3/4	349.98	3/4	65.62		
2		2		2	2935.47	2	2877.11	2	2630.27	2	2344.43	2	2058.59	2	1772.75	2	1486.95	2	1201.55	2	915.71	2	629.87	2	344.03	2	59.73		
1/4	1/4	1/4	1/4	1/4	2934.28	1/4	2875.43	1/4	2624.31	1/4	2338.47	1/4	2052.63	1/4	1766.79	1/4	1481.00	1/4	1195.59	1/4	909.75	1/4	623.91	1/4	338.07	1/4	54.43		
1/2	1/2	1/2	1/2	1/2	2933.08	1/2	2873.76	1/2	2618.36	1/2	2332.52	1/2	2046.68	1/2	1760.84	1/2	1475.06	1/2	1189.64	1/2	903.80	1/2	617.96	1/2	332.12	1/2	49.13		
3/4	3/4	3/4	3/4	3/4	2931.88	3/4	2871.13	3/4	2612.40	3/4	2326.56	3/4	2040.72	3/4	1754.88	3/4	1469.11	3/4	1183.68	3/4	897.84	3/4	612.00	3/4	326.16	3/4	43.84		
3		3		3	2930.69	3	2868.51	3	2606.45	3	2320.61	3	2034.77	3	1748.93	3	1463.17	3	1177.73	3	891.89	3	606.05	3	320.21	3	38.54		
1/4	1/4	1/4	1/4	1/4	2929.49	1/4	2865.88	1/4	2600.49	1/4	2314.65	1/4	2028.81	1/4	1742.97	1/4	1457.22	1/4	1171.77	1/4	885.93	1/4	600.09	1/4	314.25	1/4	34.37		
1/2	1/2	2966.53	1/2	1/2	2928.30	1/2	2863.26	1/2	2594.54	1/2	2308.70	1/2	2022.86	1/2	1737.02	1/2	1451.28	1/2	1165.82	1/2	879.98	1/2	594.14	1/2	308.30	1/2	30.21		
3/4	3/4	2966.46	3/4	3/4	2927.10	3/4	2859.68	3/4	2588.58	3/4	2302.74	3/4	2016.90	3/4	1731.06	3/4	1445.33	3/4	1159.86	3/4	874.02	3/4	588.18	3/4	302.34	3/4	26.04		
4		4	2966.39	4	2925.90	4	2856.10	4	2582.63	4	2296.79	4	2010.95	4	1725.11	4	1439.39	4	1153.91	4	868.07	4	582.23	4	296.39	4	21.87		
1/4	1/4	2966.32	1/4	1/4	2924.71	1/4	2852.52	1/4	2576.67	1/4	2290.83	1/4	2004.99	1/4	1719.15	1/4	1433.44	1/4	1147.95	1/4	862.11	1/4	576.27	1/4	290.43	1/4	18.89		
1/2	1/2	2966.24	1/2	1/2	2923.51	1/2	2848.95	1/2	2570.72	1/2	2284.88	1/2	1999.04	1/2	1713.20	1/2	1427.50	1/2	1142.00	1/2	856.16	1/2	570.32	1/2	284.48	1/2	15.92		
3/4	3/4	2966.02	3/4	3/4	2922.32	3/4	2844.42	3/4	2564.76	3/4	2278.92	3/4	1993.08	3/4	1707.24	3/4	1421.55	3/4	1136.04	3/4	850.20	3/4	564.36	3/4	278.52	3/4	12.94		
5		5	2965.80	5	2921.12	5	2839.89	5	2558.81	5	2272.97	5	1987.13	5	1701.29	5	1415.61	5	1130.09	5	844.25	5	558.41	5	272.57	5	*9.96		
1/4	1/4	2965.57	1/4	1/4	2919.92	1/4	2835.36	1/4	2552.85	1/4	2267.01	1/4	1981.17	1/4	1695.33	1/4	1409.66	1/4	1124.13	1/4	838.29	1/4	552.45	1/4	266.61	1/4			
1/2	1/2	2965.35	1/2	1/2	2918.73	1/2	2830.84	1/2	2546.90	1/2	2261.06	1/2	1975.22	1/2	1689.38	1/2	1403.72	1/2	1118.18	1/2	832.34	1/2	546.50	1/2	260.66	1/2			
3/4	3/4	2964.98	3/4	3/4	2917.53	3/4	2825.36	3/4	2540.94	3/4	2255.10	3/4	1969.26	3/4	1683.42	3/4	1397.77	3/4	1112.22	3/4	826.38	3/4	540.54	3/4	254.70	3/4			
6		6	2964.61	6	2916.34	6	2819.88	6	2534.99	6	2249.15	6	1963.31	6	1677.47	6	1391.83	6	1106.27	6	820.43	6	534.59	6	248.75	6			
1/4	1/4	2964.24	1/4	1/4	2915.14	1/4	2814.40	1/4	2529.03	1/4	2243.19	1/4	1957.35	1/4	1671.51	1/4	1385.88	1/4	1100.31	1/4	814.47	1/4	528.63	1/4	242.79	1/4			
1/2	1/2	2963.86	1/2	1/2	2913.94	1/2	2808.92	1/2	2523.08	1/2	2237.24	1/2	1951.40	1/2	1665.56	1/2	1379.94	1/2	1094.36	1/2	808.52	1/2	522.68	1/2	236.84	1/2			
3/4	3/4	2963.34	3/4	3/4	2912.75	3/4	2802.96	3/4	2517.12	3/4	2231.28	3/4	1945.44	3/4	1659.60	3/4	1373.99	3/4	1088.40	3/4	802.56	3/4	516.72	3/4	230.88	3/4			
7		7	2962.82	7	2911.55	7	2797.01	7	2511.17	7	2225.33	7	1939.49	7	1653.65	7	1368.05	7	1082.45	7	796.61	7	510.77	7	224.93	7			
1/4	1/4	2962.30	1/4	1/4	2910.36	1/4	2791.05	1/4	2505.21	1/4	2219.37	1/4	1933.53	1/4	1647.69	1/4	1362.10	1/4	1076.49	1/4	790.65	1/4	504.81	1/4	218.97	1/4			
1/2	1/2	2961.78	1/2	1/2	2909.16	1/2	2785.10	1/2	2499.26	1/2	2213.42	1/2	1927.58	1/2	1641.74	1/2	1356.16	1/2	1070.54	1/2	784.70	1/2	498.86	1/2	213.02	1/2			
3/4	3/4	2961.10	3/4	3/4	2907.96	3/4	2779.14	3/4	2493.30	3/4	2207.46	3/4	1921.62	3/4	1635.78	3/4	1350.21	3/4	1064.58	3/4	778.74	3/4	492.90	3/4	207.06	3/4			
8		8	2960.43	8	2906.77	8	2773.19	8	2487.35	8	2201.51	8	1915.67	8	1629.83	8	1344.27	8	1058.63	8	772.79	8	486.95	8	201.11	8			
1/4	1/4	2959.76	1/4	1/4	2905.57	1/4	2767.23	1/4	2481.39	1/4	2195.55	1/4	1909.71	1/4	1623.87	1/4	1338.32	1/4	1052.67	1/4	766.83	1/4	480.99	1/4	195.22	1/4			
1/2	1/2	2959.09	1/2	1/2	2904.38	1/2	2761.28	1/2	2475.44	1/2	2189.60	1/2	1903.76	1/2	1617.92	1/2	1332.38	1/2	1046.72	1/2	760.88	1/2	475.04	1/2	189.33	1/2			
3/4	3/4	2958.27	3/4	3/4	2903.18	3/4	2755.32	3/4	2469.48	3/4	2183.64	3/4	1897.80	3/4	1611.96	3/4	1326.43	3/4	1040.76	3/4	754.92	3/4	469.08	3/4	183.44	3/4			
9		9	2957.44	9	2901.98	9	2749.37	9	2463.53	9	2177.69	9	1891.85	9	1606.01	9	1320.49	9	1034.81	9	748.97	9	463.13	9	177.55	9			
1/4	1/4	2956.62	1/4	1/4	2900.79	1/4	2743.41	1/4	2457.57	1/4	2171.73	1/4	1885.89	1/4	1600.05	1/4	1314.54	1/4	1028.85	1/4	743.01	1/4	457.17	1/4	171.65	1/4			
1/2	1/2	2955.80	1/2	1/2	2899.59	1/2	2737.46	1/2	2451.62	1/2	2165.78	1/2	1879.94	1/2	1594.10	1/2	1308.60	1/2	1022.90	1/2	737.06								