

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

1 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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 2899.45	0 2670.21	0 2410.15	0 2150.09	0 1890.02	0 1629.96	0 1369.89	0 1109.83	0 849.77	0 589.70	0 342.23	0 138.13	0	
1/4	1/4 2897.08	1/4 2664.80	1/4 2404.73	1/4 2144.67	1/4 1884.60	1/4 1624.54	1/4 1364.48	1/4 1104.41	1/4 844.35	1/4 584.28	1/4 337.41	1/4 134.25	1/4	
1/2	1/2 2894.71	1/2 2659.38	1/2 2399.31	1/2 2139.25	1/2 1879.19	1/2 1619.12	1/2 1359.06	1/2 1099.00	1/2 838.93	1/2 578.87	1/2 332.82	1/2 130.60	1/2	
3/4	3/4 2892.35	3/4 2653.96	3/4 2393.90	3/4 2133.83	3/4 1873.77	3/4 1613.70	3/4 1353.64	3/4 1093.58	3/4 833.51	3/4 573.45	3/4 328.24	3/4 126.96	3/4	
1	1 2889.30	1 2648.54	1 2388.48	1 2128.41	1 1868.35	1 1608.29	1 1348.22	1 1088.16	1 828.10	1 568.03	1 323.65	1 123.31	1	
1/4	1/4 2886.25	1/4 2643.12	1/4 2383.06	1/4 2123.00	1/4 1862.93	1/4 1602.87	1/4 1342.80	1/4 1082.74	1/4 822.68	1/4 562.61	1/4 319.07	1/4 119.67	1/4	
1/2	1/2 2883.20	1/2 2637.71	1/2 2377.64	1/2 2117.58	1/2 1857.51	1/2 1597.45	1/2 1337.39	1/2 1077.32	1/2 817.26	1/2 557.21	1/2 314.48	1/2 116.02	1/2	
3/4	3/4 2880.16	3/4 2632.29	3/4 2372.22	3/4 2112.16	3/4 1852.10	3/4 1592.03	3/4 1331.97	3/4 1071.91	3/4 811.84	3/4 551.80	3/4 309.90	3/4 112.38	3/4	
2	2 2876.43	2 2626.87	2 2366.81	2 2106.74	2 1846.68	2 1586.61	2 1326.55	2 1066.49	2 806.42	2 546.40	2 305.31	2 108.73	2	
1/4	1/4 2872.71	1/4 2621.45	1/4 2361.39	1/4 2101.32	1/4 1841.26	1/4 1581.20	1/4 1321.13	1/4 1061.07	1/4 801.01	1/4 540.99	1/4 300.73	1/4 105.09	1/4	
1/2	1/2 2868.99	1/2 2616.03	1/2 2355.97	1/2 2095.91	1/2 1835.84	1/2 1575.78	1/2 1315.71	1/2 1055.65	1/2 795.59	1/2 535.58	1/2 296.14	1/2 101.44	1/2	
3/4	3/4 2865.26	3/4 2610.62	3/4 2350.55	3/4 2090.49	3/4 1830.42	3/4 1570.36	3/4 1310.30	3/4 1050.23	3/4 790.17	3/4 530.18	3/4 291.56	3/4 97.80	3/4	
3	3 2860.86	3 2605.20	3 2345.13	3 2085.07	3 1825.01	3 1564.94	3 1304.88	3 1044.82	3 784.75	3 524.77	3 286.97	3 94.15	3	
1/4	1/4 2856.46	1/4 2599.78	1/4 2339.72	1/4 2079.65	1/4 1819.59	1/4 1559.52	1/4 1299.46	1/4 1039.40	1/4 779.33	1/4 519.37	1/4 282.39	1/4 90.51	1/4	
1/2	1/2 2852.06	1/2 2594.36	1/2 2334.30	1/2 2074.23	1/2 1814.17	1/2 1554.11	1/2 1294.04	1/2 1033.98	1/2 773.92	1/2 514.08	1/2 278.04	1/2 87.10	1/2	
3/4	3/4 2847.65	3/4 2588.94	3/4 2328.88	3/4 2068.82	3/4 1808.75	3/4 1548.69	3/4 1288.62	3/4 1028.56	3/4 768.50	3/4 508.79	3/4 273.69	3/4 83.69	3/4	
4	4 2842.57	4 2583.53	4 2323.46	4 2063.40	4 1803.33	4 1543.27	4 1283.21	4 1023.14	4 763.08	4 503.50	4 269.34	4 80.28	4	
1/4	1/4 2837.50	1/4 2578.11	1/4 2318.04	1/4 2057.98	1/4 1797.92	1/4 1537.85	1/4 1277.79	1/4 1017.73	1/4 757.66	1/4 498.21	1/4 264.99	1/4 76.87	1/4	
1/2	1/2 2832.42	1/2 2572.69	1/2 2312.63	1/2 2052.56	1/2 1792.50	1/2 1532.43	1/2 1272.37	1/2 1012.31	1/2 752.24	1/2 492.92	1/2 260.64	1/2 73.46	1/2	
3/4	3/4 2827.34	3/4 2567.27	3/4 2307.21	3/4 2047.14	3/4 1787.08	3/4 1527.02	3/4 1266.95	3/4 1006.89	3/4 746.83	3/4 487.63	3/4 256.29	3/4 70.05	3/4	
5	5 2821.92	5 2561.85	5 2301.79	5 2041.73	5 1781.66	5 1521.60	5 1261.54	5 1001.47	5 741.41	5 482.34	5 251.94	5 66.64	5	
1/4	1/4 2816.50	1/4 2556.44	1/4 2296.37	1/4 2036.31	1/4 1776.24	1/4 1516.18	1/4 1256.12	1/4 996.05	1/4 735.99	1/4 477.05	1/4 247.59	1/4 63.23	1/4	
1/2	1/2 2811.08	1/2 2551.02	1/2 2290.95	1/2 2030.89	1/2 1770.83	1/2 1510.76	1/2 1250.70	1/2 990.64	1/2 730.57	1/2 471.76	1/2 243.24	1/2 59.82	1/2	
3/4	3/4 2805.67	3/4 2545.60	3/4 2285.54	3/4 2025.47	3/4 1765.41	3/4 1505.34	3/4 1245.28	3/4 985.22	3/4 725.15	3/4 466.48	3/4 238.89	3/4 56.41	3/4	
6	6 2800.25	6 2540.18	6 2280.12	6 2020.05	6 1759.99	6 1499.93	6 1239.86	6 979.80	6 719.74	6 461.19	6 234.54	6 53.00	6	
1/4	1/4 2794.83	1/4 2534.76	1/4 2274.70	1/4 2014.64	1/4 1754.57	1/4 1494.51	1/4 1234.45	1/4 974.38	1/4 714.32	1/4 455.90	1/4 230.19	1/4 49.59	1/4	
1/2	1/2 2789.41	1/2 2529.35	1/2 2269.28	1/2 2009.22	1/2 1749.15	1/2 1489.09	1/2 1229.03	1/2 968.96	1/2 708.90	1/2 450.84	1/2 226.07	1/2 46.41	1/2	
3/4	3/4 2783.99	3/4 2523.93	3/4 2263.86	3/4 2003.80	3/4 1743.74	3/4 1483.67	3/4 1223.61	3/4 963.55	3/4 703.48	3/4 445.79	3/4 221.96	3/4 43.24	3/4	
7	7 2778.58	7 2518.51	7 2258.45	7 1998.38	7 1738.32	7 1478.25	7 1218.19	7 958.13	7 698.06	7 440.74	7 217.84	7 40.06	7	
1/4	1/4 2773.16	1/4 2513.09	1/4 2253.03	1/4 1992.96	1/4 1732.90	1/4 1472.84	1/4 1212.77	1/4 952.71	1/4 692.65	1/4 435.68	1/4 213.73	1/4 36.89	1/4	
1/2	1/2 2767.74	1/2 2507.67	1/2 2247.61	1/2 1987.55	1/2 1727.48	1/2 1467.42	1/2 1207.36	1/2 947.29	1/2 687.23	1/2 430.63	1/2 209.61	1/2 33.95	1/2	
3/4	3/4 2762.32	3/4 2502.26	3/4 2242.19	3/4 1982.13	3/4 1722.06	3/4 1462.00	3/4 1201.94	3/4 941.87	3/4 681.81	3/4 425.57	3/4 205.50	3/4 31.02	3/4	
8	8 2756.90	8 2496.84	8 2236.77	8 1976.71	8 1716.65	8 1456.58	8 1196.52	8 936.46	8 676.39	8 420.52	8 201.38	8 28.09	8	
1/4	1/4 2751.49	1/4 2491.42	1/4 2231.36	1/4 1971.29	1/4 1711.23	1/4 1451.16	1/4 1191.10	1/4 931.04	1/4 670.97	1/4 415.47	1/4 197.27	1/4 23.16	1/4	
1/2	1/2 2746.07	1/2 2486.00	1/2 2225.94	1/2 1965.87	1/2 1705.81	1/2 1445.75	1/2 1185.68	1/2 925.62	1/2 665.56	1/2 410.41	1/2 193.15	1/2 22.70	1/2	
3/4	2914.01 3/4 2740.65	3/4 2480.58	3/4 2220.52	3/4 1960.46	3/4 1700.39	3/4 1440.33	3/4 1180.27	3/4 920.20	3/4 660.14	3/4 405.36	3/4 189.04	3/4 20.25	3/4	
9	9 2913.67	9 2735.23	9 2475.17	9 2215.10	9 1955.04	9 1694.97	9 1434.91	9 1174.85	9 914.78	9 654.72	9 400.30	9 184.92	9 17.80	9
1/4	1/4 2913.33	1/4 2729.81	1/4 2469.75	1/4 2209.68	1/4 1949.62	1/4 1689.56	1/4 1429.49	1/4 1169.43	1/4 909.37	1/4 649.30	1/4 395.25	1/4 180.81	1/4 15.35	1/4
1/2	1/2 2912.99	1/2 2724.39	1/2 2464.33	1/2 2204.27	1/2 1944.20	1/2 1684.14	1/2 1424.07	1/2 1164.01	1/2 903.95	1/2 643.88	1/2 390.43	1/2 176.93	1/2 13.61	1/2
3/4	3/4 2912.65	3/4 2718.98	3/4 2458.91	3/4 2198.85	3/4 1938.78	3/4 1678.72	3/4 1418.66	3/4 1158.59	3/4 898.53	3/4 638.46	3/4 385.61	3/4 173.05	3/4 11.88	3/4
10	10 2911.64	10 2713.56	10 2453.49	10 2193.43	10 1933.37	10 1673.30	10 1413.24	10 1153.18	10 893.11	10 633.05	10 380.79	10 169.17	10 10.15	10
1/4	1/4 2910.62	1/4 2708.14	1/4 2448.08	1/4 2188.01	1/4 1927.95	1/4 1667.88	1/4 1407.82	1/4 1147.76	1/4 887.69	1/4 627.63	1/4 375.97	1/4 165.29	1/4 *8.42	1/4
1/2	1/2 2909.61	1/2 2702.72	1/2 2442.66	1/2 2182.59	1/2 1922.53	1/2 1662.47	1/2 1402.40	1/2 1142.34	1/2 882.28	1/2 622.21	1/2 371.15	1/2 161.41	1/2	1/2
3/4	3/4 2908.59	3/4 2697.30	3/4 2437.24	3/4 2177.18	3/4 1917.11	3/4 1657.05	3/4 1396.98	3/4 1136.92	3/4 876.86	3/4 616.79	3/4 366.33	3/4 157.53	3/4	3/4
11	11 2906.90	11 2691.89	11 2431.82	11 2171.76	11 1911.69	11 1651.63	11 1391.57	11 1131.50	11 871.44	11 611.37	11 361.51	11 153.65	11	11
1/4	1/4 2905.21	1/4 2686.47	1/4 2426.40	1/4 2166.34	1/4 1906.28	1/4 1646.21	1/4 1386.15	1/4 1126.09	1/4 866.02	1/4 605.96	1/4 356.69	1/4 149.77	1/4	1/4
1/2	1/2 2903.51	1/2 2681.05	1/2 2420.99	1/2 2160.92	1/2 1900.86	1/2 1640.79	1/2 1380.73	1/2 1120.67	1/2 860.60	1/2 600.54	1/2 351.87	1/2 145.89	1/2	1/2
3/4	3/4 2901.82	3/4 2675.63	3/4 2415.57	3/4 2155.50	3/4 1895.44	3/4 1635.38	3/4 1375.31	3/4 1115.25	3/4 855.19	3/4 595.12	3/4 347.05	3/4 142.01	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 8/12/99

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

2 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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 3328.27	0 3080.77	0 2796.23	0 2511.69	0 2227.14	0 1942.60	0 1658.05	0 1373.73	0 1089.45	0 804.90	0 520.36	0 235.81	0	
1/4	1/4 3325.68	1/4 3074.85	1/4 2790.30	1/4 2505.76	1/4 2221.21	1/4 1936.67	1/4 1652.13	1/4 1367.81	1/4 1083.52	1/4 798.97	1/4 514.43	1/4 229.89	1/4	
1/2	1/2 3323.08	1/2 3068.92	1/2 2784.37	1/2 2499.83	1/2 2215.29	1/2 1930.74	1/2 1646.20	1/2 1361.89	1/2 1077.59	1/2 793.05	1/2 508.50	1/2 223.96	1/2	
3/4	3/4 3320.49	3/4 3062.99	3/4 2778.45	3/4 2493.90	3/4 2209.36	3/4 1924.81	3/4 1640.27	3/4 1355.98	3/4 1071.66	3/4 787.12	3/4 502.57	3/4 218.03	3/4	
1	1 3317.89	1 3057.06	1 2772.52	1 2487.97	1 2203.43	1 1918.89	1 1634.34	1 1350.06	1 1065.73	1 781.19	1 496.65	1 212.10	1	
1/4	1/4 3314.56	1/4 3051.13	1/4 2766.59	1/4 2482.05	1/4 2197.50	1/4 1912.96	1/4 1628.41	1/4 1344.14	1/4 1059.81	1/4 775.26	1/4 490.72	1/4 206.17	1/4	
1/2	1/2 3311.22	1/2 3045.21	1/2 2760.66	1/2 2476.12	1/2 2191.57	1/2 1907.03	1/2 1622.49	1/2 1338.22	1/2 1053.88	1/2 769.33	1/2 484.79	1/2 200.25	1/2	
3/4	3/4 3307.89	3/4 3039.28	3/4 2754.73	3/4 2470.19	3/4 2185.65	3/4 1901.10	3/4 1616.56	3/4 1332.30	3/4 1047.95	3/4 763.41	3/4 478.86	3/4 194.38	3/4	
2	2 3304.55	2 3033.35	2 2748.81	2 2464.26	2 2179.72	2 1895.17	2 1610.63	2 1326.39	2 1042.02	2 757.48	2 472.93	2 188.51	2	
1/4	1/4 3300.48	1/4 3027.42	1/4 2742.88	1/4 2458.33	1/4 2173.79	1/4 1889.25	1/4 1604.70	1/4 1320.47	1/4 1036.09	1/4 751.55	1/4 467.01	1/4 182.65	1/4	
1/2	1/2 3296.40	1/2 3021.49	1/2 2736.95	1/2 2452.41	1/2 2167.86	1/2 1883.32	1/2 1598.77	1/2 1314.55	1/2 1030.17	1/2 745.62	1/2 461.08	1/2 176.78	1/2	
3/4	3/4 3292.33	3/4 3015.57	3/4 2731.02	3/4 2446.48	3/4 2161.93	3/4 1877.39	3/4 1592.85	3/4 1308.63	3/4 1024.24	3/4 739.69	3/4 455.15	3/4 170.92	3/4	
3	3 3288.25	3 3009.64	3 2725.09	3 2440.55	3 2156.01	3 1871.46	3 1586.92	3 1302.71	3 1018.31	3 733.77	3 449.22	3 165.05	3	
1/4	1/4 3283.44	1/4 3003.71	1/4 2719.17	1/4 2434.62	1/4 2150.08	1/4 1865.53	1/4 1580.99	1/4 1296.80	1/4 1012.38	1/4 727.84	1/4 443.29	1/4 159.18	1/4	
1/2	1/2 3278.62	1/2 2997.78	1/2 2713.24	1/2 2428.69	1/2 2144.15	1/2 1859.61	1/2 1575.06	1/2 1290.88	1/2 1006.45	1/2 721.91	1/2 437.37	1/2 153.32	1/2	
3/4	3/4 3273.81	3/4 2991.85	3/4 2707.31	3/4 2422.77	3/4 2138.22	3/4 1853.68	3/4 1569.13	3/4 1284.96	3/4 1000.53	3/4 715.98	3/4 431.44	3/4 147.45	3/4	
4	4 3268.99	4 2985.93	4 2701.38	4 2416.84	4 2132.29	4 1847.75	4 1563.21	4 1279.04	4 994.60	4 710.05	4 425.51	4 141.59	4	
1/4	1/4 3263.43	1/4 2980.00	1/4 2695.45	1/4 2410.91	1/4 2126.37	1/4 1841.82	1/4 1557.28	1/4 1273.12	1/4 988.67	1/4 704.13	1/4 419.58	1/4 135.72	1/4	
1/2	1/2 3257.87	1/2 2974.07	1/2 2689.53	1/2 2404.98	1/2 2120.44	1/2 1835.89	1/2 1551.35	1/2 1267.21	1/2 982.74	1/2 698.20	1/2 413.65	1/2 129.85	1/2	
3/4	3/4 3252.32	3/4 2968.14	3/4 2683.60	3/4 2399.05	3/4 2114.51	3/4 1829.97	3/4 1545.42	3/4 1261.29	3/4 976.81	3/4 692.27	3/4 407.73	3/4 123.99	3/4	
5	5 3246.76	5 2962.21	5 2677.67	5 2393.13	5 2108.58	5 1824.04	5 1539.49	5 1255.37	5 970.89	5 686.34	5 401.80	5 118.12	5	
1/4	1/4 3240.83	1/4 2956.29	1/4 2671.74	1/4 2387.20	1/4 2102.65	1/4 1818.11	1/4 1533.57	1/4 1249.45	1/4 964.96	1/4 680.41	1/4 395.87	1/4 112.26	1/4	
1/2	1/2 3234.90	1/2 2950.36	1/2 2665.81	1/2 2381.27	1/2 2096.73	1/2 1812.18	1/2 1527.64	1/2 1243.53	1/2 959.03	1/2 674.49	1/2 389.94	1/2 106.39	1/2	
3/4	3/4 3228.97	3/4 2944.43	3/4 2659.89	3/4 2375.34	3/4 2090.80	3/4 1806.25	3/4 1521.71	3/4 1237.62	3/4 953.10	3/4 668.56	3/4 384.01	3/4 100.52	3/4	
6	6 3223.05	6 2938.50	6 2653.96	6 2369.41	6 2084.87	6 1800.33	6 1515.78	6 1231.70	6 947.17	6 662.63	6 378.09	6 94.66	6	
1/4	1/4 3217.12	1/4 2932.57	1/4 2648.03	1/4 2363.49	1/4 2078.94	1/4 1794.40	1/4 1509.85	1/4 1225.78	1/4 941.25	1/4 656.70	1/4 372.16	1/4 88.79	1/4	
1/2	1/2 3211.19	1/2 2926.65	1/2 2642.10	1/2 2357.56	1/2 2073.01	1/2 1788.47	1/2 1503.93	1/2 1219.86	1/2 935.32	1/2 650.77	1/2 366.23	1/2 82.93	1/2	
3/4	3/4 3205.26	3/4 2920.72	3/4 2636.17	3/4 2351.63	3/4 2067.09	3/4 1782.54	3/4 1498.01	3/4 1213.93	3/4 929.39	3/4 644.85	3/4 360.30	3/4 77.06	3/4	
7	7 3199.33	7 2914.79	7 2630.25	7 2345.70	7 2061.16	7 1776.61	7 1492.09	7 1208.01	7 923.46	7 638.92	7 354.37	7 71.19	7	
1/4	1/4 3193.41	1/4 2908.86	1/4 2624.32	1/4 2339.77	1/4 2055.23	1/4 1770.69	1/4 1486.17	1/4 1202.08	1/4 917.53	1/4 632.99	1/4 348.45	1/4 65.33	1/4	
1/2	1/2 3187.48	1/2 2902.93	1/2 2618.39	1/2 2333.85	1/2 2049.30	1/2 1764.76	1/2 1480.25	1/2 1196.15	1/2 911.61	1/2 627.06	1/2 342.52	1/2 59.46	1/2	
3/4	3/4 3181.55	3/4 2897.01	3/4 2612.46	3/4 2327.92	3/4 2043.37	3/4 1758.83	3/4 1474.34	3/4 1190.22	3/4 905.68	3/4 621.13	3/4 336.59	3/4 54.19	3/4	
8	8 3175.62	8 2891.08	8 2606.53	8 2321.99	8 2037.45	8 1752.90	8 1468.42	8 1184.29	8 899.75	8 615.21	8 330.66	8 48.92	8	
1/4	1/4 3169.69	1/4 2885.15	1/4 2600.61	1/4 2316.06	1/4 2031.52	1/4 1746.97	1/4 1462.50	1/4 1178.37	1/4 893.82	1/4 609.28	1/4 324.73	1/4 43.64	1/4	
1/2	1/2 3163.77	1/2 2879.22	1/2 2594.68	1/2 2310.13	1/2 2025.59	1/2 1741.05	1/2 1456.58	1/2 1172.44	1/2 887.89	1/2 603.35	1/2 318.81	1/2 38.37	1/2	
3/4	3/4 3157.84	3/4 2873.29	3/4 2588.75	3/4 2304.21	3/4 2019.66	3/4 1735.12	3/4 1450.66	3/4 1166.51	3/4 881.97	3/4 597.42	3/4 312.88	3/4 34.22	3/4	
9	9 3341.60	9 3151.91	9 2867.37	9 2582.82	9 2298.28	9 2013.73	9 1729.19	9 1444.75	9 1160.58	9 876.04	9 591.49	9 306.95	9 30.07	9
1/4	1/4 3341.23	1/4 3145.98	1/4 2861.44	1/4 2576.89	1/4 2292.35	1/4 2007.81	1/4 1723.26	1/4 1438.83	1/4 1154.65	1/4 870.11	1/4 585.57	1/4 301.02	1/4 25.92	1/4
1/2	1/2 3340.86	1/2 3140.05	1/2 2855.51	1/2 2570.97	1/2 2286.42	1/2 2001.88	1/2 1717.33	1/2 1432.91	1/2 1148.73	1/2 864.18	1/2 579.64	1/2 295.09	1/2 21.77	1/2
3/4	3/4 3340.49	3/4 3134.13	3/4 2849.58	3/4 2565.04	3/4 2280.49	3/4 1995.95	3/4 1711.41	3/4 1426.99	3/4 1142.80	3/4 858.25	3/4 573.71	3/4 289.17	3/4 18.81	3/4
10	10 3340.12	10 3128.20	10 2843.65	10 2559.11	10 2274.57	10 1990.02	10 1705.48	10 1421.07	10 1136.87	10 852.33	10 567.78	10 283.24	10 15.85	10
1/4	1/4 3339.01	1/4 3122.27	1/4 2837.73	1/4 2553.18	1/4 2268.64	1/4 1984.09	1/4 1699.55	1/4 1415.16	1/4 1130.94	1/4 846.40	1/4 561.85	1/4 277.31	1/4 12.88	1/4
1/2	1/2 3337.90	1/2 3116.34	1/2 2831.80	1/2 2547.25	1/2 2262.71	1/2 1978.17	1/2 1693.62	1/2 1409.24	1/2 1125.01	1/2 840.47	1/2 555.93	1/2 271.38	1/2 *9.92	1/2
3/4	3/4 3336.79	3/4 3110.41	3/4 2825.87	3/4 2541.33	3/4 2256.78	3/4 1972.24	3/4 1687.69	3/4 1403.32	3/4 1119.09	3/4 834.54	3/4 550.00	3/4 265.45	3/4	3/4
11	11 3335.68	11 3104.49	11 2819.94	11 2535.40	11 2250.85	11 1966.31	11 1681.77	11 1397.40	11 1113.16	11 828.61	11 544.07	11 259.53	11	11
1/4	1/4 3333.83	1/4 3098.56	1/4 2814.01	1/4 2529.47	1/4 2244.93	1/4 1960.38	1/4 1675.84	1/4 1391.48	1/4 1107.23	1/4 822.69	1/4 538.14	1/4 253.60	1/4	1/4
1/2	1/2 3331.97	1/2 3092.63	1/2 2808.09	1/2 2523.54	1/2 2239.00	1/2 1954.45	1/2 1669.91	1/2 1385.57	1/2 1101.30	1/2 816.76	1/2 532.21	1/2 247.67	1/2	1/2
3/4	3/4 3330.12	3/4 3086.70	3/4 2802.16	3/4 2517.61	3/4 2233.07	3/4 1948.53	3/4 1663.98	3/4 1379.65	3/4 1095.37	3/4 810.83	3/4 526.29	3/4 241.74	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 8/12/99

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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 3327.98	0 3080.51	0 2796.01	0 2511.51	0 2227.02	0 1942.52	0 1658.03	0 1373.73	0 1089.44	0 804.90	0 520.36	0 235.81	0
1/4	1/4 3325.38	1/4 3074.58	1/4 2790.08	1/4 2505.59	1/4 2221.09	1/4 1936.60	1/4 1652.10	1/4 1367.81	1/4 1083.52	1/4 798.97	1/4 514.43	1/4 229.88	1/4
1/2	1/2 3322.79	1/2 3068.65	1/2 2784.16	1/2 2499.66	1/2 2215.16	1/2 1930.67	1/2 1646.17	1/2 1361.89	1/2 1077.59	1/2 793.04	1/2 508.50	1/2 223.96	1/2
3/4	3/4 3320.19	3/4 3062.73	3/4 2778.23	3/4 2493.73	3/4 2209.24	3/4 1924.74	3/4 1640.25	3/4 1355.97	3/4 1071.66	3/4 787.12	3/4 502.57	3/4 218.03	3/4
1	1 3317.60	1 3056.80	1 2772.30	1 2487.81	1 2203.21	1 1918.81	1 1634.32	1 1350.06	1 1065.73	1 781.19	1 496.64	1 212.10	1
1/4	1/4 3314.26	1/4 3050.87	1/4 2766.38	1/4 2481.88	1/4 2197.38	1/4 1912.89	1/4 1628.39	1/4 1344.14	1/4 1059.80	1/4 775.26	1/4 490.72	1/4 206.17	1/4
1/2	1/2 3310.93	1/2 3044.95	1/2 2760.45	1/2 2475.95	1/2 2191.46	1/2 1906.96	1/2 1622.46	1/2 1338.22	1/2 1053.88	1/2 769.33	1/2 484.79	1/2 200.24	1/2
3/4	3/4 3307.59	3/4 3039.02	3/4 2754.52	3/4 2470.03	3/4 2185.53	3/4 1901.03	3/4 1616.54	3/4 1332.30	3/4 1047.95	3/4 763.40	3/4 478.86	3/4 194.38	3/4
2	2 3304.26	2 3033.09	2 2748.59	2 2464.10	2 2179.60	2 1895.11	2 1610.61	2 1326.38	2 1042.02	2 757.48	2 472.93	2 188.51	2
1/4	1/4 3300.18	1/4 3027.16	1/4 2742.67	1/4 2458.17	1/4 2173.68	1/4 1889.18	1/4 1604.68	1/4 1320.47	1/4 1036.09	1/4 751.55	1/4 467.00	1/4 182.65	1/4
1/2	1/2 3296.11	1/2 3021.24	1/2 2736.74	1/2 2452.24	1/2 2167.75	1/2 1883.25	1/2 1598.76	1/2 1314.55	1/2 1030.16	1/2 745.62	1/2 461.08	1/2 176.78	1/2
3/4	3/4 3292.03	3/4 3015.31	3/4 2730.81	3/4 2446.32	3/4 2161.82	3/4 1877.33	3/4 1592.83	3/4 1308.63	3/4 1024.24	3/4 739.69	3/4 455.15	3/4 170.91	3/4
3	3 3287.96	3 3009.38	3 2724.89	3 2440.39	3 2155.89	3 1871.40	3 1586.90	3 1302.71	3 1018.31	3 733.76	3 449.22	3 165.05	3
1/4	1/4 3283.14	1/4 3003.46	1/4 2718.96	1/4 2434.46	1/4 2149.97	1/4 1865.47	1/4 1580.98	1/4 1296.79	1/4 1012.38	1/4 727.84	1/4 443.29	1/4 159.18	1/4
1/2	1/2 3278.33	1/2 2997.53	1/2 2713.03	1/2 2428.54	1/2 2144.04	1/2 1859.54	1/2 1575.05	1/2 1290.88	1/2 1006.45	1/2 721.91	1/2 437.36	1/2 153.32	1/2
3/4	3/4 3273.51	3/4 2991.60	3/4 2707.11	3/4 2422.61	3/4 2138.11	3/4 1853.62	3/4 1569.12	3/4 1284.96	3/4 1000.52	3/4 715.98	3/4 431.44	3/4 147.45	3/4
4	4 3268.70	4 2985.68	4 2701.18	4 2416.68	4 2132.19	4 1847.69	4 1563.19	4 1279.04	4 994.60	4 710.05	4 425.51	4 141.58	4
1/4	1/4 3263.14	1/4 2979.75	1/4 2695.25	1/4 2410.76	1/4 2126.26	1/4 1841.76	1/4 1557.27	1/4 1273.12	1/4 988.67	1/4 704.12	1/4 419.58	1/4 135.72	1/4
1/2	1/2 3257.58	1/2 2973.82	1/2 2689.32	1/2 2404.83	1/2 2120.33	1/2 1835.84	1/2 1551.34	1/2 1267.20	1/2 982.74	1/2 698.20	1/2 413.65	1/2 129.85	1/2
3/4	3/4 3252.02	3/4 2967.89	3/4 2683.40	3/4 2398.90	3/4 2114.41	3/4 1829.91	3/4 1545.41	3/4 1261.29	3/4 976.81	3/4 692.27	3/4 407.72	3/4 123.99	3/4
5	5 3246.46	5 2961.97	5 2677.47	5 2392.97	5 2108.48	5 1823.98	5 1539.49	5 1255.37	5 970.88	5 686.34	5 401.80	5 118.12	5
1/4	1/4 3240.54	1/4 2956.04	1/4 2671.54	1/4 2387.05	1/4 2102.55	1/4 1818.06	1/4 1533.56	1/4 1249.45	1/4 964.96	1/4 680.41	1/4 395.87	1/4 112.25	1/4
1/2	1/2 3234.61	1/2 2950.11	1/2 2665.62	1/2 2381.12	1/2 2096.62	1/2 1812.13	1/2 1527.63	1/2 1243.53	1/2 959.03	1/2 674.48	1/2 389.94	1/2 106.39	1/2
3/4	3/4 3228.68	3/4 2944.19	3/4 2659.69	3/4 2375.19	3/4 2090.70	3/4 1806.20	3/4 1521.71	3/4 1237.61	3/4 953.10	3/4 668.56	3/4 384.01	3/4 100.52	3/4
6	6 3222.76	6 2938.26	6 2653.76	6 2369.27	6 2084.77	6 1800.27	6 1515.78	6 1231.70	6 947.17	6 662.63	6 378.08	6 94.66	6
1/4	1/4 3216.83	1/4 2932.33	1/4 2647.84	1/4 2363.34	1/4 2078.84	1/4 1794.35	1/4 1509.85	1/4 1225.78	1/4 941.24	1/4 656.70	1/4 372.16	1/4 88.79	1/4
1/2	1/2 3210.90	1/2 2926.41	1/2 2641.91	1/2 2357.41	1/2 2072.92	1/2 1788.42	1/2 1503.92	1/2 1219.86	1/2 935.32	1/2 650.77	1/2 366.23	1/2 82.92	1/2
3/4	3/4 3204.97	3/4 2920.48	3/4 2635.98	3/4 2351.49	3/4 2066.99	3/4 1782.49	3/4 1498.01	3/4 1213.93	3/4 929.39	3/4 644.84	3/4 360.30	3/4 77.06	3/4
7	7 3199.05	7 2914.55	7 2630.05	7 2345.56	7 2061.06	7 1776.57	7 1492.09	7 1208.00	7 923.46	7 638.92	7 354.37	7 71.19	7
1/4	1/4 3193.12	1/4 2908.62	1/4 2624.13	1/4 2339.63	1/4 2055.14	1/4 1770.64	1/4 1486.17	1/4 1202.08	1/4 917.53	1/4 632.99	1/4 348.44	1/4 65.33	1/4
1/2	1/2 3187.19	1/2 2902.70	1/2 2618.20	1/2 2333.70	1/2 2049.21	1/2 1764.71	1/2 1480.25	1/2 1196.15	1/2 911.60	1/2 627.06	1/2 342.52	1/2 59.46	1/2
3/4	3/4 3181.27	3/4 2896.77	3/4 2612.27	3/4 2327.78	3/4 2043.28	3/4 1758.79	3/4 1474.33	3/4 1190.22	3/4 905.68	3/4 621.13	3/4 336.59	3/4 54.19	3/4
8	8 3175.34	8 2890.84	8 2606.35	8 2321.85	8 2037.35	8 1752.86	8 1468.42	8 1184.29	8 899.75	8 615.20	8 330.66	8 48.91	8
1/4	1/4 3169.41	1/4 2884.92	1/4 2600.42	1/4 2315.92	1/4 2031.43	1/4 1746.93	1/4 1462.50	1/4 1178.36	1/4 893.82	1/4 609.28	1/4 324.73	1/4 43.64	1/4
1/2	1/2 3163.49	1/2 2878.99	1/2 2594.49	1/2 2310.00	1/2 2025.50	1/2 1741.00	1/2 1456.58	1/2 1172.44	1/2 887.89	1/2 603.35	1/2 318.80	1/2 38.37	1/2
3/4	3/4 3157.56	3/4 2873.06	3/4 2588.57	3/4 2304.07	3/4 2019.57	3/4 1735.08	3/4 1450.66	3/4 1166.51	3/4 881.96	3/4 597.42	3/4 312.88	3/4 34.22	3/4
9	9 3341.31	9 3151.63	9 2867.13	9 2582.64	9 2298.14	9 2013.65	9 1729.15	9 1444.74	9 1160.58	9 876.04	9 591.49	9 306.95	9
1/4	1/4 3340.94	1/4 3145.70	1/4 2861.21	1/4 2576.71	1/4 2292.22	1/4 2007.72	1/4 1723.22	1/4 1438.83	1/4 1154.65	1/4 870.11	1/4 585.56	1/4 301.02	1/4
1/2	1/2 3340.57	1/2 3139.78	1/2 2855.28	1/2 2570.78	1/2 2286.29	1/2 2001.79	1/2 1717.30	1/2 1432.91	1/2 1148.72	1/2 864.18	1/2 579.64	1/2 295.09	1/2
3/4	3/4 3340.20	3/4 3133.85	3/4 2849.35	3/4 2564.86	3/4 2280.36	3/4 1995.87	3/4 1711.37	3/4 1426.99	3/4 1142.80	3/4 858.25	3/4 573.71	3/4 289.16	3/4
10	10 3339.83	10 3127.92	10 2843.43	10 2558.93	10 2274.43	10 1989.94	10 1705.44	10 1421.07	10 1136.87	10 852.32	10 567.78	10 283.24	10
1/4	1/4 3338.72	1/4 3122.00	1/4 2837.50	1/4 2553.00	1/4 2268.51	1/4 1984.01	1/4 1699.52	1/4 1415.15	1/4 1130.94	1/4 846.40	1/4 561.85	1/4 277.31	1/4
1/2	1/2 3337.61	1/2 3116.07	1/2 2831.57	1/2 2547.08	1/2 2262.58	1/2 1978.08	1/2 1693.59	1/2 1409.24	1/2 1125.01	1/2 840.47	1/2 555.92	1/2 271.38	1/2
3/4	3/4 3336.49	3/4 3110.14	3/4 2825.65	3/4 2541.15	3/4 2256.65	3/4 1972.16	3/4 1687.66	3/4 1403.32	3/4 1119.08	3/4 834.54	3/4 550.00	3/4 265.45	3/4
11	11 3335.38	11 3104.22	11 2819.72	11 2535.22	11 2250.73	11 1966.23	11 1681.73	11 1397.40	11 1113.16	11 828.61	11 544.07	11 259.52	11
1/4	1/4 3333.53	1/4 3098.29	1/4 2813.79	1/4 2529.30	1/4 2244.80	1/4 1960.30	1/4 1675.81	1/4 1391.48	1/4 1107.23	1/4 822.68	1/4 538.14	1/4 253.60	1/4
1/2	1/2 3331.68	1/2 3092.36	1/2 2807.86	1/2 2523.37	1/2 2238.87	1/2 1954.38	1/2 1669.88	1/2 1385.56	1/2 1101.30	1/2 816.76	1/2 532.21	1/2 247.67	1/2
3/4	3/4 3329.83	3/4 3086.43	3/4 2801.94	3/4 2517.44	3/4 2232.95	3/4 1948.45	3/4 1663.95	3/4 1379.65	3/4 1095.37	3/4 810.83	3/4 526.28	3/4 241.74	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 8/12/99

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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 3327.98	0 3080.51	0 2796.01	0 2511.51	0 2227.02	0 1942.52	0 1658.03	0 1373.73	0 1089.44	0 804.90	0 520.36	0 235.81	0	
1/4	1/4 3325.38	1/4 3074.58	1/4 2790.08	1/4 2505.59	1/4 2221.09	1/4 1936.60	1/4 1652.10	1/4 1367.81	1/4 1083.52	1/4 798.97	1/4 514.43	1/4 229.88	1/4	
1/2	1/2 3322.79	1/2 3068.65	1/2 2784.16	1/2 2499.66	1/2 2215.16	1/2 1930.67	1/2 1646.17	1/2 1361.89	1/2 1077.59	1/2 793.04	1/2 508.50	1/2 223.96	1/2	
3/4	3/4 3320.19	3/4 3062.73	3/4 2778.23	3/4 2493.73	3/4 2209.24	3/4 1924.74	3/4 1640.25	3/4 1355.97	3/4 1071.66	3/4 787.12	3/4 502.57	3/4 218.03	3/4	
1	1 3317.60	1 3056.80	1 2772.30	1 2487.81	1 2203.21	1 1918.81	1 1634.32	1 1350.06	1 1065.73	1 781.19	1 496.64	1 212.10	1	
1/4	1/4 3314.26	1/4 3050.87	1/4 2766.38	1/4 2481.88	1/4 2197.38	1/4 1912.89	1/4 1628.39	1/4 1344.14	1/4 1059.80	1/4 775.26	1/4 490.72	1/4 206.17	1/4	
1/2	1/2 3310.93	1/2 3044.95	1/2 2760.45	1/2 2475.95	1/2 2191.46	1/2 1906.96	1/2 1622.46	1/2 1338.22	1/2 1053.88	1/2 769.33	1/2 484.79	1/2 200.24	1/2	
3/4	3/4 3307.59	3/4 3039.02	3/4 2754.52	3/4 2470.03	3/4 2185.53	3/4 1901.03	3/4 1616.54	3/4 1332.30	3/4 1047.95	3/4 763.40	3/4 478.86	3/4 194.38	3/4	
2	2 3304.26	2 3033.09	2 2748.59	2 2464.10	2 2179.60	2 1895.11	2 1610.61	2 1326.38	2 1042.02	2 757.48	2 472.93	2 188.51	2	
1/4	1/4 3300.18	1/4 3027.16	1/4 2742.67	1/4 2458.17	1/4 2173.68	1/4 1889.18	1/4 1604.68	1/4 1320.47	1/4 1036.09	1/4 751.55	1/4 467.00	1/4 182.65	1/4	
1/2	1/2 3296.11	1/2 3021.24	1/2 2736.74	1/2 2452.24	1/2 2167.75	1/2 1883.25	1/2 1598.76	1/2 1314.55	1/2 1030.16	1/2 745.62	1/2 461.08	1/2 176.78	1/2	
3/4	3/4 3292.03	3/4 3015.31	3/4 2730.81	3/4 2446.32	3/4 2161.82	3/4 1877.33	3/4 1592.83	3/4 1308.63	3/4 1024.24	3/4 739.69	3/4 455.15	3/4 170.91	3/4	
3	3 3287.96	3 3009.38	3 2724.89	3 2440.39	3 2155.89	3 1871.40	3 1586.90	3 1302.71	3 1018.31	3 733.76	3 449.22	3 165.05	3	
1/4	1/4 3283.14	1/4 3003.46	1/4 2718.96	1/4 2434.46	1/4 2149.97	1/4 1865.47	1/4 1580.98	1/4 1296.79	1/4 1012.38	1/4 727.84	1/4 443.29	1/4 159.18	1/4	
1/2	1/2 3278.33	1/2 2997.53	1/2 2713.03	1/2 2428.54	1/2 2144.04	1/2 1859.54	1/2 1575.05	1/2 1290.88	1/2 1006.45	1/2 721.91	1/2 437.36	1/2 153.32	1/2	
3/4	3/4 3273.51	3/4 2991.60	3/4 2707.11	3/4 2422.61	3/4 2138.11	3/4 1853.62	3/4 1569.12	3/4 1284.96	3/4 1000.52	3/4 715.98	3/4 431.44	3/4 147.45	3/4	
4	4 3268.70	4 2985.68	4 2701.18	4 2416.68	4 2132.19	4 1847.69	4 1563.19	4 1279.04	4 994.60	4 710.05	4 425.51	4 141.58	4	
1/4	1/4 3263.14	1/4 2979.75	1/4 2695.25	1/4 2410.76	1/4 2126.26	1/4 1841.76	1/4 1557.27	1/4 1273.12	1/4 988.67	1/4 704.12	1/4 419.58	1/4 135.72	1/4	
1/2	1/2 3257.58	1/2 2973.82	1/2 2689.32	1/2 2404.83	1/2 2120.33	1/2 1835.84	1/2 1551.34	1/2 1267.20	1/2 982.74	1/2 698.20	1/2 413.65	1/2 129.85	1/2	
3/4	3/4 3252.02	3/4 2967.89	3/4 2683.40	3/4 2398.90	3/4 2114.41	3/4 1829.91	3/4 1545.41	3/4 1261.29	3/4 976.81	3/4 692.27	3/4 407.72	3/4 123.99	3/4	
5	5 3246.46	5 2961.97	5 2677.47	5 2392.97	5 2108.48	5 1823.98	5 1539.49	5 1255.37	5 970.88	5 686.34	5 401.80	5 118.12	5	
1/4	1/4 3240.54	1/4 2956.04	1/4 2671.54	1/4 2387.05	1/4 2102.55	1/4 1818.06	1/4 1533.56	1/4 1249.45	1/4 964.96	1/4 680.41	1/4 395.87	1/4 112.25	1/4	
1/2	1/2 3234.61	1/2 2950.11	1/2 2665.62	1/2 2381.12	1/2 2096.62	1/2 1812.13	1/2 1527.63	1/2 1243.53	1/2 959.03	1/2 674.48	1/2 389.94	1/2 106.39	1/2	
3/4	3/4 3228.68	3/4 2944.19	3/4 2659.69	3/4 2375.19	3/4 2090.70	3/4 1806.20	3/4 1521.71	3/4 1237.61	3/4 953.10	3/4 668.56	3/4 384.01	3/4 100.52	3/4	
6	6 3222.76	6 2938.26	6 2653.76	6 2369.27	6 2084.77	6 1800.27	6 1515.78	6 1231.70	6 947.17	6 662.63	6 378.08	6 94.66	6	
1/4	1/4 3216.83	1/4 2932.33	1/4 2647.84	1/4 2363.34	1/4 2078.84	1/4 1794.35	1/4 1509.85	1/4 1225.78	1/4 941.24	1/4 656.70	1/4 372.16	1/4 88.79	1/4	
1/2	1/2 3210.90	1/2 2926.41	1/2 2641.91	1/2 2357.41	1/2 2072.92	1/2 1788.42	1/2 1503.92	1/2 1219.86	1/2 935.32	1/2 650.77	1/2 366.23	1/2 82.92	1/2	
3/4	3/4 3204.97	3/4 2920.48	3/4 2635.98	3/4 2351.49	3/4 2066.99	3/4 1782.49	3/4 1498.01	3/4 1213.93	3/4 929.39	3/4 644.84	3/4 360.30	3/4 77.06	3/4	
7	7 3199.05	7 2914.55	7 2630.05	7 2345.56	7 2061.06	7 1776.57	7 1492.09	7 1208.00	7 923.46	7 638.92	7 354.37	7 71.19	7	
1/4	1/4 3193.12	1/4 2908.62	1/4 2624.13	1/4 2339.63	1/4 2055.14	1/4 1770.64	1/4 1486.17	1/4 1202.08	1/4 917.53	1/4 632.99	1/4 348.44	1/4 65.33	1/4	
1/2	1/2 3187.19	1/2 2902.70	1/2 2618.20	1/2 2333.70	1/2 2049.21	1/2 1764.71	1/2 1480.25	1/2 1196.15	1/2 911.60	1/2 627.06	1/2 342.52	1/2 59.46	1/2	
3/4	3/4 3181.27	3/4 2896.77	3/4 2612.27	3/4 2327.78	3/4 2043.28	3/4 1758.79	3/4 1474.33	3/4 1190.22	3/4 905.68	3/4 621.13	3/4 336.59	3/4 54.19	3/4	
8	8 3175.34	8 2890.84	8 2606.35	8 2321.85	8 2037.35	8 1752.86	8 1468.42	8 1184.29	8 899.75	8 615.20	8 330.66	8 48.91	8	
1/4	1/4 3169.41	1/4 2884.92	1/4 2600.42	1/4 2315.92	1/4 2031.43	1/4 1746.93	1/4 1462.50	1/4 1178.36	1/4 893.82	1/4 609.28	1/4 324.73	1/4 43.64	1/4	
1/2	1/2 3163.49	1/2 2878.99	1/2 2594.49	1/2 2310.00	1/2 2025.50	1/2 1741.00	1/2 1456.58	1/2 1172.44	1/2 887.89	1/2 603.35	1/2 318.80	1/2 38.37	1/2	
3/4	3/4 3157.56	3/4 2873.06	3/4 2588.57	3/4 2304.07	3/4 2019.57	3/4 1735.08	3/4 1450.66	3/4 1166.51	3/4 881.96	3/4 597.42	3/4 312.88	3/4 34.22	3/4	
9	9 3341.31	9 3151.63	9 2867.13	9 2582.64	9 2298.14	9 2013.65	9 1729.15	9 1444.74	9 1160.58	9 876.04	9 591.49	9 306.95	9 30.07	9
1/4	1/4 3340.94	1/4 3145.70	1/4 2861.21	1/4 2576.71	1/4 2292.22	1/4 2007.72	1/4 1723.22	1/4 1438.83	1/4 1154.65	1/4 870.11	1/4 585.56	1/4 301.02	1/4 25.92	1/4
1/2	1/2 3340.57	1/2 3139.78	1/2 2855.28	1/2 2570.78	1/2 2286.29	1/2 2001.79	1/2 1717.30	1/2 1432.91	1/2 1148.72	1/2 864.18	1/2 579.64	1/2 295.09	1/2 21.77	1/2
3/4	3/4 3340.20	3/4 3133.85	3/4 2849.35	3/4 2564.86	3/4 2280.36	3/4 1995.87	3/4 1711.37	3/4 1426.99	3/4 1142.80	3/4 858.25	3/4 573.71	3/4 289.16	3/4 18.81	3/4
10	10 3339.83	10 3127.92	10 2843.43	10 2558.93	10 2274.43	10 1989.94	10 1705.44	10 1421.07	10 1136.87	10 852.32	10 567.78	10 283.24	10 15.84	10
1/4	1/4 3338.72	1/4 3122.00	1/4 2837.50	1/4 2553.00	1/4 2268.51	1/4 1984.01	1/4 1699.52	1/4 1415.15	1/4 1130.94	1/4 846.40	1/4 561.85	1/4 277.31	1/4 12.88	1/4
1/2	1/2 3337.61	1/2 3116.07	1/2 2831.57	1/2 2547.08	1/2 2262.58	1/2 1978.08	1/2 1693.59	1/2 1409.24	1/2 1125.01	1/2 840.47	1/2 555.92	1/2 271.38	1/2 *9.92	1/2
3/4	3/4 3336.49	3/4 3110.14	3/4 2825.65	3/4 2541.15	3/4 2256.65	3/4 1972.16	3/4 1687.66	3/4 1403.32	3/4 1119.08	3/4 834.54	3/4 550.00	3/4 265.45	3/4	3/4
11	11 3335.38	11 3104.22	11 2819.72	11 2535.22	11 2250.73	11 1966.23	11 1681.73	11 1397.40	11 1113.16	11 828.61	11 544.07	11 259.52	11	11
1/4	1/4 3333.53	1/4 3098.29	1/4 2813.79	1/4 2529.30	1/4 2244.80	1/4 1960.30	1/4 1675.81	1/4 1391.48	1/4 1107.23	1/4 822.68	1/4 538.14	1/4 253.60	1/4	1/4
1/2	1/2 3331.68	1/2 3092.36	1/2 2807.86	1/2 2523.37	1/2 2238.87	1/2 1954.38	1/2 1669.88	1/2 1385.56	1/2 1101.30	1/2 816.76	1/2 532.21	1/2 247.67	1/2	1/2
3/4	3/4 3329.83	3/4 3086.43	3/4 2801.94	3/4 2517.44	3/4 2232.95	3/4 1948.45	3/4 1663.95	3/4 1379.65	3/4 1095.37	3/4 810.83	3/4 526.28	3/4 241.74	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 8/12/99

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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	2655.07	0	2624.69	0	2418.30	0	2159.58	0	1900.86	0	1642.14	0	1383.42	0	1125.15	0	866.46	0	607.74	0	349.02	0	91.37			
1/4	1/4	1/4	2654.44	1/4	2624.05	1/4	2412.91	1/4	2154.19	1/4	1895.47	1/4	1636.75	1/4	1378.03	1/4	1119.77	1/4	861.07	1/4	602.35	1/4	343.63	1/4	86.04					
1/2	1/2	1/2	2653.80	1/2	2622.94	1/2	2407.52	1/2	2148.80	1/2	1890.08	1/2	1631.36	1/2	1372.64	1/2	1114.39	1/2	855.68	1/2	596.96	1/2	338.24	1/2	80.71					
3/4	3/4	3/4	2653.17	3/4	2621.84	3/4	2402.13	3/4	2143.41	3/4	1884.69	3/4	1625.97	3/4	1367.25	3/4	1109.01	3/4	850.29	3/4	591.57	3/4	332.85	3/4	75.39					
1		1		1	2652.54	1	2620.73	1	2396.74	1	2138.02	1	1879.30	1	1620.58	1	1361.87	1	1103.62	1	844.90	1	586.18	1	327.46	1	70.06			
1/4	1/4	1/4	2651.91	1/4	2619.62	1/4	2391.35	1/4	2132.63	1/4	1873.91	1/4	1615.19	1/4	1356.49	1/4	1098.23	1/4	839.51	1/4	580.79	1/4	322.07	1/4	64.73					
1/2	1/2	1/2	2651.27	1/2	2617.56	1/2	2385.96	1/2	2127.24	1/2	1868.52	1/2	1609.80	1/2	1351.11	1/2	1092.84	1/2	834.12	1/2	575.40	1/2	316.68	1/2	59.40					
3/4	3/4	3/4	2650.64	3/4	2615.50	3/4	2380.57	3/4	2121.85	3/4	1863.13	3/4	1604.41	3/4	1345.73	3/4	1087.45	3/4	828.73	3/4	570.01	3/4	311.29	3/4	54.08					
2		2		2	2650.01	2	2613.44	2	2375.18	2	2116.46	2	1857.74	2	1599.02	2	1340.35	2	1082.06	2	823.34	2	564.62	2	305.90	2	49.29			
1/4	1/4	1/4	2649.37	1/4	2611.38	1/4	2369.79	1/4	2111.07	1/4	1852.35	1/4	1593.63	1/4	1334.97	1/4	1076.67	1/4	817.95	1/4	559.23	1/4	300.51	1/4	44.50					
1/2	1/2	1/2	2648.74	1/2	2608.37	1/2	2364.40	1/2	2105.68	1/2	1846.96	1/2	1588.24	1/2	1329.59	1/2	1071.28	1/2	812.56	1/2	553.84	1/2	295.12	1/2	39.72					
3/4	3/4	3/4	2648.11	3/4	2605.36	3/4	2359.01	3/4	2100.29	3/4	1841.57	3/4	1582.85	3/4	1324.21	3/4	1065.89	3/4	807.17	3/4	548.45	3/4	289.73	3/4	34.93					
3		3		3	2647.47	3	2602.34	3	2353.62	3	2094.90	3	1836.18	3	1577.46	3	1318.83	3	1060.50	3	801.78	3	543.06	3	284.34	3	31.16			
1/4	1/4	2667.08	1/4	2646.84	1/4	2599.33	1/4	2348.23	1/4	2089.51	1/4	1830.79	1/4	1572.07	1/4	1313.45	1/4	1055.11	1/4	796.39	1/4	537.67	1/4	278.95	1/4	27.38				
1/2	1/2	2667.04	1/2	2646.21	1/2	2595.37	1/2	2342.84	1/2	2084.12	1/2	1825.40	1/2	1566.68	1/2	1308.07	1/2	1049.72	1/2	791.00	1/2	532.28	1/2	273.56	1/2	23.61				
3/4	3/4	2667.00	3/4	2645.58	3/4	2591.41	3/4	2337.45	3/4	2078.73	3/4	1820.01	3/4	1561.29	3/4	1302.69	3/4	1044.33	3/4	785.61	3/4	526.89	3/4	268.17	3/4	19.84				
4		4	2666.96	4	2644.94	4	2587.44	4	2332.06	4	2073.34	4	1814.62	4	1555.90	4	1297.31	4	1038.94	4	780.22	4	521.50	4	262.78	4	17.14			
1/4	1/4	2666.93	1/4	2644.31	1/4	2583.48	1/4	2326.67	1/4	2067.95	1/4	1809.23	1/4	1550.51	1/4	1291.93	1/4	1033.55	1/4	774.83	1/4	516.11	1/4	257.39	1/4	14.45				
1/2	1/2	2666.81	1/2	2643.68	1/2	2578.57	1/2	2321.28	1/2	2062.56	1/2	1803.84	1/2	1545.12	1/2	1286.55	1/2	1028.16	1/2	769.44	1/2	510.72	1/2	252.00	1/2	11.75				
3/4	3/4	2666.69	3/4	2643.04	3/4	2573.65	3/4	2315.89	3/4	2057.17	3/4	1798.45	3/4	1539.73	3/4	1281.17	3/4	1022.77	3/4	764.05	3/4	505.33	3/4	246.61	3/4	9.06				
5		5	2666.57	5	2642.41	5	2568.74	5	2310.50	5	2051.78	5	1793.06	5	1534.34	5	1275.79	5	1017.38	5	758.66	5	499.94	5	241.22	5	7.44			
1/4	1/4	2666.45	1/4	2641.78	1/4	2563.83	1/4	2305.11	1/4	2046.39	1/4	1787.67	1/4	1528.95	1/4	1270.41	1/4	1011.99	1/4	753.27	1/4	494.55	1/4	235.83	1/4	5.82				
1/2	1/2	2666.26	1/2	2641.14	1/2	2558.44	1/2	2299.72	1/2	2041.00	1/2	1782.28	1/2	1523.56	1/2	1265.03	1/2	1006.60	1/2	747.88	1/2	489.16	1/2	230.44	1/2	*4.21				
3/4	3/4	2666.06	3/4	2640.51	3/4	2553.05	3/4	2294.33	3/4	2035.61	3/4	1776.89	3/4	1518.17	3/4	1259.65	3/4	1001.21	3/4	742.49	3/4	483.77	3/4	225.05	3/4					
6		6	2665.86	6	2639.88	6	2547.66	6	2288.94	6	2030.22	6	1771.50	6	1512.78	6	1254.27	6	995.82	6	737.10	6	478.38	6	219.66	6				
1/4	1/4	2665.67	1/4	2639.25	1/4	2542.27	1/4	2283.55	1/4	2024.83	1/4	1766.11	1/4	1507.39	1/4	1248.89	1/4	990.43	1/4	731.71	1/4	472.99	1/4	214.27	1/4					
1/2	1/2	2665.39	1/2	2638.61	1/2	2536.88	1/2	2278.16	1/2	2019.44	1/2	1760.72	1/2	1502.00	1/2	1243.51	1/2	985.04	1/2	726.32	1/2	467.60	1/2	208.88	1/2					
3/4	3/4	2665.11	3/4	2637.98	3/4	2531.49	3/4	2272.77	3/4	2014.05	3/4	1755.33	3/4	1496.61	3/4	1238.13	3/4	979.65	3/4	720.93	3/4	462.21	3/4	203.49	3/4					
7		7	2664.84	7	2637.35	7	2526.10	7	2267.38	7	2008.66	7	1749.94	7	1491.22	7	1232.75	7	974.26	7	715.54	7	456.82	7	198.10	7				
1/4	1/4	2664.56	1/4	2636.71	1/4	2520.71	1/4	2261.99	1/4	2003.27	1/4	1744.55	1/4	1485.83	1/4	1227.37	1/4	968.87	1/4	710.15	1/4	451.43	1/4	192.71	1/4					
1/2	1/2	2664.21	1/2	2636.08	1/2	2515.32	1/2	2256.60	1/2	1997.88	1/2	1739.16	1/2	1480.44	1/2	1221.99	1/2	963.48	1/2	704.76	1/2	446.04	1/2	187.32	1/2					
3/4	3/4	2663.85	3/4	2635.45	3/4	2509.93	3/4	2251.21	3/4	1992.49	3/4	1733.77	3/4	1475.05	3/4	1216.61	3/4	958.09	3/4	699.37	3/4	440.65	3/4	181.93	3/4					
8		8	2663.49	8	2634.81	8	2504.54	8	2245.82	8	1987.10	8	1728.38	8	1469.66	8	1211.23	8	952.70	8	693.98	8	435.26	8	176.60	8				
1/4	1/4	2663.14	1/4	2634.18	1/4	2499.15	1/4	2240.43	1/4	1981.71	1/4	1722.99	1/4	1464.27	1/4	1205.85	1/4	947.31	1/4	688.59	1/4	429.87	1/4	171.27	1/4					
1/2	1/2	2662.70	1/2	2633.55	1/2	2493.76	1/2	2235.04	1/2	1976.32	1/2	1717.60	1/2	1458.88	1/2	1200.47	1/2	941.92	1/2	683.20	1/2	424.48	1/2	165.94	1/2					
3/4	3/4	2662.27	3/4	2632.92	3/4	2488.37	3/4	2229.65	3/4	1970.93	3/4	1712.21	3/4	1453.49	3/4	1195.09	3/4	936.53	3/4	677.81	3/4	419.09	3/4	160.62	3/4					
9		9	2661.83	9	2632.28	9	2482.98	9	2224.26	9	1965.54	9	1706.82	9	1448.10	9	1189.71	9	931.14	9	672.42	9	413.70	9	155.29	9				
1/4	1/4	26																												

MAGNOLIA MARINE - BARGE "MM 60"

OUTAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4342

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	2656.97	0	2626.59	0	2434.47	0	2175.75	0	1917.03	0	1658.31	0	1399.59	0	1141.29	0	882.63	0	623.91	0	365.19	0	107.35		
1/4	1/4	1/4	2656.34	1/4	2625.95	1/4	2429.08	1/4	2170.36	1/4	1911.64	1/4	1652.92	1/4	1394.20	1/4	1135.91	1/4	877.24	1/4	618.52	1/4	359.80	1/4	102.02				
1/2	1/2	1/2	2655.70	1/2	2625.32	1/2	2423.69	1/2	2164.97	1/2	1906.25	1/2	1647.53	1/2	1388.81	1/2	1130.53	1/2	871.85	1/2	613.13	1/2	354.41	1/2	96.69				
3/4	3/4	3/4	2655.07	3/4	2624.69	3/4	2418.30	3/4	2159.58	3/4	1900.86	3/4	1642.14	3/4	1383.42	3/4	1125.15	3/4	866.46	3/4	607.74	3/4	349.02	3/4	91.37				
1		1		1	2654.44	1	2624.05	1	2412.91	1	2154.19	1	1895.47	1	1636.75	1	1378.03	1	1119.77	1	861.07	1	602.35	1	343.63	1	86.04		
1/4	1/4	1/4	2653.80	1/4	2622.94	1/4	2407.52	1/4	2148.80	1/4	1890.08	1/4	1631.36	1/4	1372.64	1/4	1114.39	1/4	855.68	1/4	596.96	1/4	338.24	1/4	80.71				
1/2	1/2	1/2	2653.17	1/2	2621.84	1/2	2402.13	1/2	2143.41	1/2	1884.69	1/2	1625.97	1/2	1367.25	1/2	1109.01	1/2	850.29	1/2	591.57	1/2	332.85	1/2	75.39				
3/4	3/4	3/4	2652.54	3/4	2620.73	3/4	2396.74	3/4	2138.02	3/4	1879.30	3/4	1620.58	3/4	1361.87	3/4	1103.62	3/4	844.90	3/4	586.18	3/4	327.46	3/4	70.06				
2		2		2	2651.91	2	2619.62	2	2391.35	2	2132.63	2	1873.91	2	1615.19	2	1356.49	2	1098.23	2	839.51	2	580.79	2	322.07	2	64.73		
1/4	1/4	1/4	2651.27	1/4	2617.56	1/4	2385.96	1/4	2127.24	1/4	1868.52	1/4	1609.80	1/4	1351.11	1/4	1092.84	1/4	834.12	1/4	575.40	1/4	316.68	1/4	59.40				
1/2	1/2	1/2	2650.64	1/2	2615.50	1/2	2380.57	1/2	2121.85	1/2	1863.13	1/2	1604.41	1/2	1345.73	1/2	1087.45	1/2	828.73	1/2	570.01	1/2	311.29	1/2	54.08				
3/4	3/4	3/4	2650.01	3/4	2613.44	3/4	2375.18	3/4	2116.46	3/4	1857.74	3/4	1599.02	3/4	1340.35	3/4	1082.06	3/4	823.34	3/4	564.62	3/4	305.90	3/4	49.29				
3		3		3	2649.37	3	2611.38	3	2369.79	3	2111.07	3	1852.35	3	1593.63	3	1334.97	3	1076.67	3	817.95	3	559.23	3	300.51	3	44.50		
1/4	1/4	1/4	2648.74	1/4	2608.37	1/4	2364.40	1/4	2105.68	1/4	1846.96	1/4	1588.24	1/4	1329.59	1/4	1071.28	1/4	812.56	1/4	553.84	1/4	295.12	1/4	39.72				
1/2	1/2	1/2	2648.11	1/2	2605.36	1/2	2359.01	1/2	2100.29	1/2	1841.57	1/2	1582.85	1/2	1324.21	1/2	1065.89	1/2	807.17	1/2	548.45	1/2	289.73	1/2	34.93				
3/4	3/4	3/4	2647.47	3/4	2602.34	3/4	2353.62	3/4	2094.90	3/4	1836.18	3/4	1577.46	3/4	1318.83	3/4	1060.50	3/4	801.78	3/4	543.06	3/4	284.34	3/4	31.16				
4		4	2667.08	4	2646.84	4	2599.33	4	2348.23	4	2089.51	4	1830.79	4	1572.07	4	1313.45	4	1055.11	4	796.39	4	537.67	4	278.95	4	27.38		
1/4	1/4	1/4	2667.04	1/4	2646.21	1/4	2595.37	1/4	2342.84	1/4	2084.12	1/4	1825.40	1/4	1566.68	1/4	1308.07	1/4	1049.72	1/4	791.00	1/4	532.28	1/4	273.56	1/4	23.61		
1/2	1/2	1/2	2667.00	1/2	2645.58	1/2	2591.41	1/2	2337.45	1/2	2078.73	1/2	1820.01	1/2	1561.29	1/2	1302.69	1/2	1044.33	1/2	785.61	1/2	526.89	1/2	268.17	1/2	19.84		
3/4	3/4	3/4	2666.96	3/4	2644.94	3/4	2587.44	3/4	2332.06	3/4	2073.34	3/4	1814.62	3/4	1555.90	3/4	1297.31	3/4	1038.94	3/4	780.22	3/4	521.50	3/4	262.78	3/4	17.14		
5		5	2666.93	5	2644.31	5	2583.48	5	2326.67	5	2067.95	5	1809.23	5	1550.51	5	1291.93	5	1033.55	5	774.83	5	516.11	5	257.39	5	14.45		
1/4	1/4	1/4	2666.81	1/4	2643.68	1/4	2578.57	1/4	2321.28	1/4	2062.56	1/4	1803.84	1/4	1545.12	1/4	1286.55	1/4	1028.16	1/4	769.44	1/4	510.72	1/4	252.00	1/4	11.75		
1/2	1/2	1/2	2666.69	1/2	2643.04	1/2	2573.65	1/2	2315.89	1/2	2057.17	1/2	1798.45	1/2	1539.73	1/2	1281.17	1/2	1022.77	1/2	764.05	1/2	505.33	1/2	246.61	1/2	9.06		
3/4	3/4	3/4	2666.57	3/4	2642.41	3/4	2568.74	3/4	2310.50	3/4	2051.78	3/4	1793.06	3/4	1534.34	3/4	1275.79	3/4	1017.38	3/4	758.66	3/4	499.94	3/4	241.22	3/4	7.44		
6		6	2666.45	6	2641.78	6	2563.83	6	2305.11	6	2046.39	6	1787.67	6	1528.95	6	1270.41	6	1011.99	6	753.27	6	494.55	6	235.83	6	5.82		
1/4	1/4	1/4	2666.26	1/4	2641.14	1/4	2558.44	1/4	2299.72	1/4	2041.00	1/4	1782.28	1/4	1523.56	1/4	1265.03	1/4	1006.60	1/4	747.88	1/4	489.16	1/4	230.44	1/4	*4.21		
1/2	1/2	1/2	2666.06	1/2	2640.51	1/2	2553.05	1/2	2294.33	1/2	2035.61	1/2	1776.89	1/2	1518.17	1/2	1259.65	1/2	1001.21	1/2	742.49	1/2	483.77	1/2	225.05	1/2			
3/4	3/4	3/4	2665.86	3/4	2639.88	3/4	2547.66	3/4	2288.94	3/4	2030.22	3/4	1771.50	3/4	1512.78	3/4	1254.27	3/4	995.82	3/4	737.10	3/4	478.38	3/4	219.66	3/4			
7		7	2665.67	7	2639.25	7	2542.27	7	2283.55	7	2024.83	7	1766.11	7	1507.39	7	1248.89	7	990.43	7	731.71	7	472.99	7	214.27	7			
1/4	1/4	1/4	2665.39	1/4	2638.61	1/4	2536.88	1/4	2278.16	1/4	2019.44	1/4	1760.72	1/4	1502.00	1/4	1243.51	1/4	985.04	1/4	726.32	1/4	467.60	1/4	208.88	1/4			
1/2	1/2	1/2	2665.11	1/2	2637.98	1/2	2531.49	1/2	2272.77	1/2	2014.05	1/2	1755.33	1/2	1496.61	1/2	1238.13	1/2	979.65	1/2	720.93	1/2	462.21	1/2	203.49	1/2			
3/4	3/4	3/4	2664.84	3/4	2637.35	3/4	2526.10	3/4	2267.38	3/4	2008.66	3/4	1749.94	3/4	1491.22	3/4	1232.75	3/4	974.26	3/4	715.54	3/4	456.82	3/4	198.10	3/4			
8		8	2664.56	8	2636.71	8	2520.71	8	2261.99	8	2003.27	8	1744.55	8	1485.83	8	1227.37	8	968.87	8	710.15	8	451.43	8	192.71	8			
1/4	1/4	1/4	2664.21	1/4	2636.08	1/4	2515.32	1/4	2256.60	1/4	1997.88	1/4	1739.16	1/4	1480.44	1/4	1221.99	1/4	963.48	1/4	704.76	1/4	446.04	1/4	187.32	1/4			
1/2	1/2	1/2	2663.85	1/2	2635.45	1/2	2509.93	1/2	2251.21	1/2	1992.49	1/2	1733.77	1/2	1475.05	1/2	1216.61	1/2	958.09	1/2	699.37	1/2	440.65	1/2	181.93	1/2			
3/4	3/4	3/4	2663.49	3/4	2634.81	3/4	2504.54	3/4	2245.82	3/4	1987.10	3/4	1728.38	3/4	1469.66	3/4	1211.23	3/4	952.70	3/4	693.98	3/4	435.26	3/4	176.60	3/4			
9		9	2663.14	9	2634.18	9	2499.15	9	2240.43	9	1981.71	9	1722.99	9	1464.27	9	1205.85	9	947.31	9	688.59	9	429.87	9	171.27	9			
1/4	1/4	1/4	2662.70	1/4	2633.55	1/4																							