

MAGNOLIA MARINE - BARGE "MM-40"

OUTGAGE TABLE

1 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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 2726.52	0 2516.99	0 2272.04	0 2027.10	0 1782.15	0 1537.21	0 1292.27	0 1047.32	0 802.38	0 557.43	0 323.88	0 133.02	0	
1/4	1/4 2724.93	1/4 2511.88	1/4 2266.94	1/4 2022.00	1/4 1777.05	1/4 1532.11	1/4 1287.16	1/4 1042.22	1/4 797.28	1/4 552.33	1/4 319.38	1/4 129.45	1/4	
1/2	1/2 2722.70	1/2 2506.78	1/2 2261.84	1/2 2016.89	1/2 1771.95	1/2 1527.00	1/2 1282.06	1/2 1037.12	1/2 792.17	1/2 547.23	1/2 314.87	1/2 125.88	1/2	
3/4	3/4 2720.46	3/4 2501.68	3/4 2256.73	3/4 2011.79	3/4 1766.85	3/4 1521.90	3/4 1276.96	3/4 1032.01	3/4 787.07	3/4 542.13	3/4 310.37	3/4 122.32	3/4	
1	1 2718.23	1 2496.57	1 2251.63	1 2006.69	1 1761.74	1 1516.80	1 1271.85	1 1026.91	1 781.97	1 537.02	1 306.10	1 118.99	1	
1/4	1/4 2716.00	1/4 2491.47	1/4 2246.53	1/4 2001.58	1/4 1756.64	1/4 1511.70	1/4 1266.75	1/4 1021.81	1/4 776.86	1/4 531.92	1/4 301.83	1/4 115.66	1/4	
1/2	1/2 2713.13	1/2 2486.37	1/2 2241.42	1/2 1996.48	1/2 1751.54	1/2 1506.59	1/2 1261.65	1/2 1016.70	1/2 771.76	1/2 526.82	1/2 297.56	1/2 112.32	1/2	
3/4	3/4 2710.26	3/4 2481.27	3/4 2236.32	3/4 1991.38	3/4 1746.43	3/4 1501.49	3/4 1256.55	3/4 1011.60	3/4 766.66	3/4 521.71	3/4 293.29	3/4 108.99	3/4	
2	2 2707.39	2 2476.16	2 2231.22	2 1986.27	2 1741.33	2 1496.39	2 1251.44	2 1006.50	2 761.55	2 516.62	2 289.02	2 105.66	2	
1/4	1/4 2704.52	1/4 2471.06	1/4 2226.12	1/4 1981.17	1/4 1736.23	1/4 1491.28	1/4 1246.34	1/4 1001.40	1/4 756.45	1/4 511.53	1/4 284.75	1/4 102.33	1/4	
1/2	1/2 2701.01	1/2 2465.96	1/2 2221.01	1/2 1976.07	1/2 1731.12	1/2 1486.18	1/2 1241.24	1/2 996.29	1/2 751.35	1/2 506.44	1/2 280.48	1/2 99.00	1/2	
3/4	3/4 2697.50	3/4 2460.85	3/4 2215.91	3/4 1970.97	3/4 1726.02	3/4 1481.08	3/4 1236.13	3/4 991.19	3/4 746.25	3/4 501.35	3/4 276.21	3/4 95.67	3/4	
3	3 2694.00	3 2455.75	3 2210.81	3 1965.86	3 1720.92	3 1475.97	3 1231.03	3 986.09	3 741.14	3 496.26	3 271.94	3 92.34	3	
1/4	1/4 2690.49	1/4 2450.65	1/4 2205.70	1/4 1960.76	1/4 1715.82	1/4 1470.87	1/4 1225.93	1/4 980.98	1/4 736.04	1/4 491.17	1/4 267.67	1/4 89.01	1/4	
1/2	1/2 2686.34	1/2 2445.54	1/2 2200.60	1/2 1955.66	1/2 1710.71	1/2 1465.77	1/2 1220.82	1/2 975.88	1/2 730.94	1/2 486.08	1/2 263.40	1/2 85.68	1/2	
3/4	3/4 2682.20	3/4 2440.44	3/4 2195.50	3/4 1950.55	3/4 1705.61	3/4 1460.67	3/4 1215.72	3/4 970.78	3/4 725.83	3/4 480.99	3/4 259.13	3/4 82.35	3/4	
4	4 2678.05	4 2435.34	4 2190.39	4 1945.45	4 1700.51	4 1455.56	4 1210.62	4 965.67	4 720.73	4 476.01	4 255.09	4 79.25	4	
1/4	1/4 2673.90	1/4 2430.24	1/4 2185.29	1/4 1940.35	1/4 1695.4	1/4 1450.46	1/4 1205.52	1/4 960.57	1/4 715.63	1/4 471.04	1/4 251.06	1/4 76.15	1/4	
1/2	1/2 2669.12	1/2 2425.13	1/2 2180.19	1/2 1935.24	1/2 1690.3	1/2 1445.36	1/2 1200.41	1/2 955.47	1/2 710.52	1/2 466.06	1/2 247.02	1/2 73.06	1/2	
3/4	3/4 2664.34	3/4 2420.03	3/4 2175.09	3/4 1930.14	3/4 1685.2	3/4 1440.25	3/4 1195.31	3/4 950.37	3/4 705.42	3/4 461.09	3/4 242.99	3/4 69.96	3/4	
5	5 2659.55	5 2414.93	5 2169.98	5 1925.04	5 1680.09	5 1435.15	5 1190.21	5 945.26	5 700.32	5 456.12	5 238.95	5 66.87	5	
1/4	1/4 2654.77	1/4 2409.82	1/4 2164.88	1/4 1919.94	1/4 1674.99	1/4 1430.05	1/4 1185.10	1/4 940.16	1/4 695.22	1/4 451.14	1/4 234.92	1/4 63.77	1/4	
1/2	1/2 2649.66	1/2 2404.72	1/2 2159.78	1/2 1914.83	1/2 1669.89	1/2 1424.94	1/2 1180.00	1/2 935.06	1/2 690.11	1/2 446.17	1/2 230.88	1/2 60.67	1/2	
3/4	3/4 2644.56	3/4 2399.62	3/4 2154.67	3/4 1909.73	3/4 1664.79	3/4 1419.84	3/4 1174.9	3/4 929.95	3/4 685.01	3/4 441.19	3/4 226.85	3/4 57.58	3/4	
6	6 2639.46	6 2394.51	6 2149.57	6 1904.63	6 1659.68	6 1414.74	6 1169.79	6 924.85	6 679.91	6 436.22	6 222.81	6 54.48	6	
1/4	1/4 2634.36	1/4 2389.41	1/4 2144.47	1/4 1899.52	1/4 1654.58	1/4 1409.64	1/4 1164.69	1/4 919.75	1/4 674.80	1/4 431.25	1/4 218.78	1/4 51.39	1/4	
1/2	1/2 2629.25	1/2 2384.31	1/2 2139.36	1/2 1894.42	1/2 1649.48	1/2 1404.53	1/2 1159.59	1/2 914.64	1/2 669.70	1/2 426.27	1/2 214.74	1/2 48.29	1/2	
3/4	3/4 2624.15	3/4 2379.21	3/4 2134.26	3/4 1889.32	3/4 1644.37	3/4 1399.43	3/4 1154.49	3/4 909.54	3/4 664.60	3/4 421.30	3/4 210.71	3/4 45.19	3/4	
7	7 2619.05	7 2374.10	7 2129.16	7 1884.21	7 1639.27	7 1394.33	7 1149.38	7 904.44	7 659.49	7 416.56	7 206.91	7 42.33	7	
1/4	1/4 2613.94	1/4 2369.00	1/4 2124.06	1/4 1879.11	1/4 1634.17	1/4 1389.22	1/4 1144.28	1/4 899.34	1/4 654.39	1/4 411.82	1/4 203.11	1/4 39.47	1/4	
1/2	1/2 2608.84	1/2 2363.90	1/2 2118.95	1/2 1874.01	1/2 1629.06	1/2 1384.12	1/2 1139.18	1/2 894.23	1/2 649.29	1/2 407.08	1/2 199.31	1/2 36.61	1/2	
3/4	3/4 2603.74	3/4 2358.79	3/4 2113.85	3/4 1868.91	3/4 1623.96	3/4 1379.02	3/4 1134.07	3/4 889.13	3/4 644.19	3/4 402.34	3/4 195.51	3/4 33.75	3/4	
8	8 2598.63	8 2353.69	8 2108.75	8 1863.80	8 1618.86	8 1373.91	8 1128.97	8 884.03	8 639.08	8 397.60	8 191.71	8 31.10	8	
1/4	1/4 2593.53	1/4 2348.59	1/4 2103.64	1/4 1858.70	1/4 1613.76	1/4 1368.81	1/4 1123.87	1/4 878.92	1/4 633.98	1/4 392.86	1/4 187.91	1/4 28.45	1/4	
1/2	1/2 2588.43	1/2 2343.48	1/2 2098.54	1/2 1853.60	1/2 1608.65	1/2 1363.71	1/2 1118.76	1/2 873.82	1/2 628.88	1/2 388.12	1/2 184.11	1/2 25.80	1/2	
3/4	3/4 2583.33	3/4 2338.38	3/4 2093.44	3/4 1848.49	3/4 1603.55	3/4 1358.61	3/4 1113.66	3/4 868.72	3/4 623.77	3/4 383.39	3/4 180.31	3/4 23.15	3/4	
9	9 2578.22	9 2333.28	9 2088.33	9 1843.39	9 1598.45	9 1353.50	9 1108.56	9 863.61	9 618.67	9 378.65	9 176.51	9 20.92	9	
1/4	2736.40 1/4 2573.12	1/4 2328.18	1/4 2083.23	1/4 1838.29	1/4 1593.34	1/4 1348.40	1/4 1103.46	1/4 858.51	1/4 613.57	1/4 373.91	1/4 172.71	1/4 18.68	1/4	
1/2	2736.08 1/2 2568.02	1/2 2323.07	1/2 2078.13	1/2 1833.18	1/2 1588.24	1/2 1343.30	1/2 1098.35	1/2 853.41	1/2 608.46	1/2 369.17	1/2 168.91	1/2 16.45	1/2	
3/4	2735.76 3/4 2562.91	3/4 2317.97	3/4 2073.03	3/4 1828.08	3/4 1583.14	3/4 1338.19	3/4 1093.25	3/4 848.31	3/4 603.36	3/4 364.43	3/4 165.11	3/4 14.21	3/4	
10	10 2735.45	10 2557.81	10 2312.87	10 2067.92	10 1822.98	10 1578.03	10 1333.09	10 1088.15	10 843.20	10 598.26	10 359.92	10 161.54	10 12.64	10
1/4	2735.13 1/4 2552.71	1/4 2307.76	1/4 2062.82	1/4 1817.88	1/4 1572.93	1/4 1327.99	1/4 1083.04	1/4 838.10	1/4 593.16	1/4 355.42	1/4 157.98	1/4 *11.07	1/4	
1/2	2734.17 1/2 2547.60	1/2 2302.66	1/2 2057.72	1/2 1812.77	1/2 1567.83	1/2 1322.88	1/2 1077.94	1/2 833.00	1/2 588.05	1/2 350.91	1/2 154.41	1/2	1/2	
3/4	2733.22 3/4 2542.50	3/4 2297.56	3/4 2052.61	3/4 1807.67	3/4 1562.73	3/4 1317.78	3/4 1072.84	3/4 827.89	3/4 582.95	3/4 346.41	3/4 150.85	3/4	3/4	
11	11 2732.26	11 2537.40	11 2292.45	11 2047.51	11 1802.57	11 1557.62	11 1312.68	11 1067.73	11 822.79	11 577.85	11 341.90	11 147.28	11	
1/4	2731.30 1/4 2532.30	1/4 2287.35	1/4 2042.41	1/4 1797.46	1/4 1552.52	1/4 1307.58	1/4 1062.63	1/4 817.69	1/4 572.74	1/4 337.40	1/4 143.71	1/4	1/4	
1/2	2729.71 1/2 2527.19	1/2 2282.25	1/2 2037.30	1/2 1792.36	1/2 1547.42	1/2 1302.47	1/2 1057.53	1/2 812.58	1/2 567.64	1/2 332.89	1/2 140.15	1/2	1/2	
3/4	2728.12 3/4 2522.09	3/4 2277.15	3/4 2032.20	3/4 1787.26	3/4 1542.31	3/4 1297.37	3/4 1052.43	3/4 807.48	3/4 562.54	3/4 328.39	3/4 136.58	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 9/16/91

MAGNOLIA MARINE - BARGE "MM-40"

OUTAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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 3378.79	0 3127.55	0 2838.68	0 2549.82	0 2260.95	0 1972.09	0 1683.23	0 1394.58	0 1105.98	0 817.11	0 528.25	0 239.39	0
1/4	1/4 3376.16	1/4 3121.53	1/4 2832.66	1/4 2543.80	1/4 2254.94	1/4 1966.07	1/4 1677.21	1/4 1388.57	1/4 1099.96	1/4 811.10	1/4 522.23	1/4 233.37	1/4
1/2	1/2 3373.53	1/2 3115.51	1/2 2826.65	1/2 2537.78	1/2 2248.92	1/2 1960.05	1/2 1671.19	1/2 1382.57	1/2 1093.94	1/2 805.08	1/2 516.21	1/2 227.35	1/2
3/4	3/4 3370.89	3/4 3109.49	3/4 2820.63	3/4 2531.76	3/4 2242.90	3/4 1954.04	3/4 1665.17	3/4 1376.56	3/4 1087.92	3/4 799.06	3/4 510.20	3/4 221.33	3/4
1	1 3368.26	1 3103.47	1 2814.61	1 2525.75	1 2236.88	1 1948.02	1 1659.15	1 1370.55	1 1081.91	1 793.04	1 504.18	1 215.31	1
1/4	1/4 3364.88	1/4 3097.46	1/4 2808.59	1/4 2519.73	1/4 2230.86	1/4 1942.00	1/4 1653.14	1/4 1364.54	1/4 1075.89	1/4 787.02	1/4 498.16	1/4 209.30	1/4
1/2	1/2 3361.49	1/2 3091.44	1/2 2802.57	1/2 2513.71	1/2 2224.85	1/2 1935.98	1/2 1647.12	1/2 1358.53	1/2 1069.87	1/2 781.01	1/2 492.14	1/2 203.28	1/2
3/4	3/4 3358.11	3/4 3085.42	3/4 2796.56	3/4 2507.69	3/4 2218.83	3/4 1929.96	3/4 1641.10	3/4 1352.53	3/4 1063.85	3/4 774.99	3/4 486.12	3/4 197.32	3/4
2	2 3354.72	2 3079.40	2 2790.54	2 2501.67	2 2212.81	2 1923.95	2 1635.08	2 1346.52	2 1057.83	2 768.97	2 480.11	2 191.37	2
1/4	1/4 3350.58	1/4 3073.38	1/4 2784.52	1/4 2495.66	1/4 2206.79	1/4 1917.93	1/4 1629.06	1/4 1340.51	1/4 1051.82	1/4 762.95	1/4 474.09	1/4 185.41	1/4
1/2	1/2 3346.45	1/2 3067.37	1/2 2778.50	1/2 2489.64	1/2 2200.77	1/2 1911.91	1/2 1623.05	1/2 1334.50	1/2 1045.80	1/2 756.93	1/2 468.07	1/2 179.46	1/2
3/4	3/4 3342.31	3/4 3061.35	3/4 2772.48	3/4 2483.62	3/4 2194.76	3/4 1905.89	3/4 1617.03	3/4 1328.49	3/4 1039.78	3/4 750.92	3/4 462.05	3/4 173.50	3/4
3	3 3338.17	3 3055.33	3 2766.47	3 2477.60	3 2188.74	3 1899.87	3 1611.01	3 1322.49	3 1033.76	3 744.90	3 456.03	3 167.55	3
1/4	1/4 3333.28	1/4 3049.31	1/4 2760.45	1/4 2471.58	1/4 2182.72	1/4 1893.86	1/4 1604.99	1/4 1316.48	1/4 1027.74	1/4 738.88	1/4 450.02	1/4 161.59	1/4
1/2	1/2 3328.40	1/2 3043.29	1/2 2754.43	1/2 2465.57	1/2 2176.70	1/2 1887.84	1/2 1598.97	1/2 1310.47	1/2 1021.73	1/2 732.86	1/2 444.00	1/2 155.64	1/2
3/4	3/4 3323.51	3/4 3037.28	3/4 2748.41	3/4 2459.55	3/4 2170.68	3/4 1881.82	3/4 1592.96	3/4 1304.46	3/4 1015.71	3/4 726.84	3/4 437.98	3/4 149.68	3/4
4	4 3318.62	4 3031.26	4 2742.39	4 2453.53	4 2164.67	4 1875.80	4 1586.94	4 1298.45	4 1009.69	4 720.83	4 431.96	4 143.73	4
1/4	1/4 3312.98	1/4 3025.24	1/4 2736.38	1/4 2447.51	1/4 2158.65	1/4 1869.78	1/4 1580.92	1/4 1292.45	1/4 1003.67	1/4 714.81	1/4 425.94	1/4 137.77	1/4
1/2	1/2 3307.33	1/2 3019.22	1/2 2730.36	1/2 2441.49	1/2 2152.63	1/2 1863.77	1/2 1574.90	1/2 1286.44	1/2 997.65	1/2 708.79	1/2 419.93	1/2 131.82	1/2
3/4	3/4 3301.69	3/4 3013.20	3/4 2724.34	3/4 2435.48	3/4 2146.61	3/4 1857.75	3/4 1568.88	3/4 1280.43	3/4 991.64	3/4 702.77	3/4 413.91	3/4 125.86	3/4
5	5 3296.05	5 3007.19	5 2718.32	5 2429.46	5 2140.59	5 1851.73	5 1562.87	5 1274.42	5 985.62	5 696.75	5 407.89	5 119.91	5
1/4	1/4 3290.03	1/4 3001.17	1/4 2712.30	1/4 2423.44	1/4 2134.58	1/4 1845.71	1/4 1556.85	1/4 1268.41	1/4 979.60	1/4 690.74	1/4 401.87	1/4 113.95	1/4
1/2	1/2 3284.01	1/2 2995.15	1/2 2706.29	1/2 2417.42	1/2 2128.56	1/2 1839.69	1/2 1550.83	1/2 1262.41	1/2 973.58	1/2 684.72	1/2 395.85	1/2 108.00	1/2
3/4	3/4 3278.00	3/4 2989.13	3/4 2700.27	3/4 2411.40	3/4 2122.54	3/4 1833.68	3/4 1544.81	3/4 1256.40	3/4 967.56	3/4 678.70	3/4 389.84	3/4 102.04	3/4
6	6 3271.98	6 2983.11	6 2694.25	6 2405.39	6 2116.52	6 1827.66	6 1538.79	6 1250.39	6 961.55	6 672.68	6 383.82	6 96.09	6
1/4	1/4 3265.96	1/4 2977.10	1/4 2688.23	1/4 2399.37	1/4 2110.50	1/4 1821.64	1/4 1532.78	1/4 1244.38	1/4 955.53	1/4 666.66	1/4 377.80	1/4 90.13	1/4
1/2	1/2 3259.94	1/2 2971.08	1/2 2682.21	1/2 2393.35	1/2 2104.49	1/2 1815.62	1/2 1526.76	1/2 1238.37	1/2 949.51	1/2 660.65	1/2 371.78	1/2 84.18	1/2
3/4	3/4 3253.92	3/4 2965.06	3/4 2676.20	3/4 2387.33	3/4 2098.47	3/4 1809.60	3/4 1520.75	3/4 1232.36	3/4 943.49	3/4 654.63	3/4 365.76	3/4 78.22	3/4
7	7 3247.91	7 2959.04	7 2670.18	7 2381.31	7 2092.45	7 1803.59	7 1514.74	7 1226.34	7 937.47	7 648.61	7 359.75	7 72.27	7
1/4	1/4 3241.89	1/4 2953.02	1/4 2664.16	1/4 2375.30	1/4 2086.43	1/4 1797.57	1/4 1508.73	1/4 1220.32	1/4 931.46	1/4 642.59	1/4 353.73	1/4 66.31	1/4
1/2	1/2 3235.87	1/2 2947.01	1/2 2658.14	1/2 2369.28	1/2 2080.41	1/2 1791.55	1/2 1502.73	1/2 1214.30	1/2 925.44	1/2 636.57	1/2 347.71	1/2 60.36	1/2
3/4	3/4 3229.85	3/4 2940.99	3/4 2652.12	3/4 2363.26	3/4 2074.40	3/4 1785.53	3/4 1496.72	3/4 1208.28	3/4 919.42	3/4 630.56	3/4 341.69	3/4 55.00	3/4
8	8 3223.83	8 2934.97	8 2646.11	8 2357.24	8 2068.38	8 1779.51	8 1490.71	8 1202.27	8 913.40	8 624.54	8 335.67	8 49.65	8
1/4	1/4 3217.82	1/4 2928.95	1/4 2640.09	1/4 2351.22	1/4 2062.36	1/4 1773.50	1/4 1484.70	1/4 1196.25	1/4 907.38	1/4 618.52	1/4 329.66	1/4 44.30	1/4
1/2	1/2 3211.80	1/2 2922.93	1/2 2634.07	1/2 2345.21	1/2 2056.34	1/2 1767.48	1/2 1478.69	1/2 1190.23	1/2 901.37	1/2 612.50	1/2 323.64	1/2 38.95	1/2
3/4	3/4 3205.78	3/4 2916.92	3/4 2628.05	3/4 2339.19	3/4 2050.32	3/4 1761.46	3/4 1472.69	3/4 1184.21	3/4 895.35	3/4 606.48	3/4 317.62	3/4 34.73	3/4
9	9 3392.33	9 3199.76	9 2910.90	9 2622.03	9 2333.17	9 2044.31	9 1755.44	9 1466.68	9 1178.19	9 889.33	9 600.47	9 311.60	9
1/4	1/4 3391.95	1/4 3193.74	1/4 2904.88	1/4 2616.02	1/4 2327.15	1/4 2038.29	1/4 1749.42	1/4 1460.67	1/4 1172.18	1/4 883.31	1/4 594.45	1/4 305.58	1/4
1/2	1/2 3391.58	1/2 3187.73	1/2 2898.86	1/2 2610.00	1/2 2321.13	1/2 2032.27	1/2 1743.41	1/2 1454.66	1/2 1166.16	1/2 877.29	1/2 588.43	1/2 299.57	1/2
3/4	3/4 3391.20	3/4 3181.71	3/4 2892.84	3/4 2603.98	3/4 2315.12	3/4 2026.25	3/4 1737.39	3/4 1448.65	3/4 1160.14	3/4 871.28	3/4 582.41	3/4 293.55	3/4
10	10 3390.83	10 3175.69	10 2886.83	10 2597.96	10 2309.10	10 2020.23	10 1731.37	10 1442.65	10 1154.12	10 865.26	10 576.39	10 287.53	10
1/4	1/4 3389.70	1/4 3169.67	1/4 2880.81	1/4 2591.94	1/4 2303.08	1/4 2014.22	1/4 1725.35	1/4 1436.64	1/4 1148.10	1/4 859.24	1/4 570.38	1/4 281.51	1/4 *13.07
1/2	1/2 3388.57	1/2 3163.65	1/2 2874.79	1/2 2585.93	1/2 2297.06	1/2 2008.20	1/2 1719.33	1/2 1430.63	1/2 1142.09	1/2 853.22	1/2 564.36	1/2 275.49	1/2
3/4	3/4 3387.44	3/4 3157.64	3/4 2868.77	3/4 2579.91	3/4 2291.04	3/4 2002.18	3/4 1713.32	3/4 1424.62	3/4 1136.07	3/4 847.20	3/4 558.34	3/4 269.48	3/4
11	11 3386.31	11 3151.62	11 2862.75	11 2573.89	11 2285.03	11 1996.16	11 1707.30	11 1418.61	11 1130.05	11 841.19	11 552.32	11 263.46	11
1/4	1/4 3384.43	1/4 3145.60	1/4 2856.74	1/4 2567.87	1/4 2279.01	1/4 1990.14	1/4 1701.28	1/4 1412.61	1/4 1124.03	1/4 835.17	1/4 546.30	1/4 257.44	1/4
1/2	1/2 3382.55	1/2 3139.58	1/2 2850.72	1/2 2561.85	1/2 2272.99	1/2 1984.13	1/2 1695.26	1/2 1406.60	1/2 1118.01	1/2 829.15	1/2 540.29	1/2 251.42	1/2
3/4	3/4 3380.67	3/4 3133.56	3/4 2844.70	3/4 2555.84	3/4 2266.97	3/4 1978.11	3/4 1689.24	3/4 1400.59	3/4 1112.00	3/4 823.13	3/4 534.27	3/4 245.40	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 9/16/91

MAGNOLIA MARINE - BARGE "MM-40"

OUTAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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 3380.67	0 3133.56	0 2844.70	0 2555.84	0 2266.97	0 1978.11	0 1689.24	0 1400.59	0 1112.00	0 823.13	0 534.27	0 245.40	0	
1/4	1/4 3378.79	1/4 3127.55	1/4 2838.68	1/4 2549.82	1/4 2260.95	1/4 1972.09	1/4 1683.23	1/4 1394.58	1/4 1105.98	1/4 817.11	1/4 528.25	1/4 239.39	1/4	
1/2	1/2 3376.16	1/2 3121.53	1/2 2832.66	1/2 2543.80	1/2 2254.94	1/2 1966.07	1/2 1677.21	1/2 1388.57	1/2 1099.96	1/2 811.10	1/2 522.23	1/2 233.37	1/2	
3/4	3/4 3373.53	3/4 3115.51	3/4 2826.65	3/4 2537.78	3/4 2248.92	3/4 1960.05	3/4 1671.19	3/4 1382.57	3/4 1093.94	3/4 805.08	3/4 516.21	3/4 227.35	3/4	
1	1 3370.89	1 3109.49	1 2820.63	1 2531.76	1 2242.90	1 1954.04	1 1665.17	1 1376.56	1 1087.92	1 799.06	1 510.20	1 221.33	1	
1/4	1/4 3368.26	1/4 3103.47	1/4 2814.61	1/4 2525.75	1/4 2236.88	1/4 1948.02	1/4 1659.15	1/4 1370.55	1/4 1081.91	1/4 793.04	1/4 504.18	1/4 215.31	1/4	
1/2	1/2 3364.88	1/2 3097.46	1/2 2808.59	1/2 2519.73	1/2 2230.86	1/2 1942.00	1/2 1653.14	1/2 1364.54	1/2 1075.89	1/2 787.02	1/2 498.16	1/2 209.30	1/2	
3/4	3/4 3361.49	3/4 3091.44	3/4 2802.57	3/4 2513.71	3/4 2224.85	3/4 1935.98	3/4 1647.12	3/4 1358.53	3/4 1069.87	3/4 781.01	3/4 492.14	3/4 203.28	3/4	
2	2 3358.11	2 3085.42	2 2796.56	2 2507.69	2 2218.83	2 1929.96	2 1641.10	2 1352.53	2 1063.85	2 774.99	2 486.12	2 197.32	2	
1/4	1/4 3354.72	1/4 3079.40	1/4 2790.54	1/4 2501.67	1/4 2212.81	1/4 1923.95	1/4 1635.08	1/4 1346.52	1/4 1057.83	1/4 768.97	1/4 480.11	1/4 191.37	1/4	
1/2	1/2 3350.58	1/2 3073.38	1/2 2784.52	1/2 2495.66	1/2 2206.79	1/2 1917.93	1/2 1629.06	1/2 1340.51	1/2 1051.82	1/2 762.95	1/2 474.09	1/2 185.41	1/2	
3/4	3/4 3346.45	3/4 3067.37	3/4 2778.50	3/4 2489.64	3/4 2200.77	3/4 1911.91	3/4 1623.05	3/4 1334.50	3/4 1045.80	3/4 756.93	3/4 468.07	3/4 179.46	3/4	
3	3 3342.31	3 3061.35	3 2772.48	3 2483.62	3 2194.76	3 1905.89	3 1617.03	3 1328.49	3 1039.78	3 750.92	3 462.05	3 173.50	3	
1/4	1/4 3338.17	1/4 3055.33	1/4 2766.47	1/4 2477.60	1/4 2188.74	1/4 1899.87	1/4 1611.01	1/4 1322.49	1/4 1033.76	1/4 744.90	1/4 456.03	1/4 167.55	1/4	
1/2	1/2 3333.28	1/2 3049.31	1/2 2760.45	1/2 2471.58	1/2 2182.72	1/2 1893.86	1/2 1604.99	1/2 1316.48	1/2 1027.74	1/2 738.88	1/2 450.02	1/2 161.59	1/2	
3/4	3/4 3328.40	3/4 3043.29	3/4 2754.43	3/4 2465.57	3/4 2176.70	3/4 1887.84	3/4 1598.97	3/4 1310.47	3/4 1021.73	3/4 732.86	3/4 444.00	3/4 155.64	3/4	
4	4 3323.51	4 3037.28	4 2748.41	4 2459.55	4 2170.68	4 1881.82	4 1592.96	4 1304.46	4 1015.71	4 726.84	4 437.98	4 149.68	4	
1/4	1/4 3318.62	1/4 3031.26	1/4 2742.39	1/4 2453.53	1/4 2164.67	1/4 1875.80	1/4 1586.94	1/4 1298.45	1/4 1009.69	1/4 720.83	1/4 431.96	1/4 143.73	1/4	
1/2	1/2 3312.98	1/2 3025.24	1/2 2736.38	1/2 2447.51	1/2 2158.65	1/2 1869.78	1/2 1580.92	1/2 1292.45	1/2 1003.67	1/2 714.81	1/2 425.94	1/2 137.77	1/2	
3/4	3/4 3307.33	3/4 3019.22	3/4 2730.36	3/4 2441.49	3/4 2152.63	3/4 1863.77	3/4 1574.90	3/4 1286.44	3/4 997.65	3/4 708.79	3/4 419.93	3/4 131.82	3/4	
5	5 3301.69	5 3013.20	5 2724.34	5 2435.48	5 2146.61	5 1857.75	5 1568.88	5 1280.43	5 991.64	5 702.77	5 413.91	5 125.86	5	
1/4	1/4 3296.05	1/4 3007.19	1/4 2718.32	1/4 2429.46	1/4 2140.59	1/4 1851.73	1/4 1562.87	1/4 1274.42	1/4 985.62	1/4 696.75	1/4 407.89	1/4 119.91	1/4	
1/2	1/2 3290.03	1/2 3001.17	1/2 2712.30	1/2 2423.44	1/2 2134.58	1/2 1845.71	1/2 1556.85	1/2 1268.41	1/2 979.60	1/2 690.74	1/2 401.87	1/2 113.95	1/2	
3/4	3/4 3284.01	3/4 2995.15	3/4 2706.29	3/4 2417.42	3/4 2128.56	3/4 1839.69	3/4 1550.83	3/4 1262.41	3/4 973.58	3/4 684.72	3/4 395.85	3/4 108.00	3/4	
6	6 3278.00	6 2989.13	6 2700.27	6 2411.40	6 2122.54	6 1833.68	6 1544.81	6 1256.40	6 967.56	6 678.70	6 389.84	6 102.04	6	
1/4	1/4 3271.98	1/4 2983.11	1/4 2694.25	1/4 2405.39	1/4 2116.52	1/4 1827.66	1/4 1538.79	1/4 1250.39	1/4 961.55	1/4 672.68	1/4 383.82	1/4 96.09	1/4	
1/2	1/2 3265.96	1/2 2977.10	1/2 2688.23	1/2 2399.37	1/2 2110.50	1/2 1821.64	1/2 1532.78	1/2 1244.38	1/2 955.53	1/2 666.66	1/2 377.80	1/2 90.13	1/2	
3/4	3/4 3259.94	3/4 2971.08	3/4 2682.21	3/4 2393.35	3/4 2104.49	3/4 1815.62	3/4 1526.76	3/4 1238.37	3/4 949.51	3/4 660.65	3/4 371.78	3/4 84.18	3/4	
7	7 3253.92	7 2965.06	7 2676.20	7 2387.33	7 2098.47	7 1809.60	7 1520.75	7 1232.36	7 943.49	7 654.63	7 365.76	7 78.22	7	
1/4	1/4 3247.91	1/4 2959.04	1/4 2670.18	1/4 2381.31	1/4 2092.45	1/4 1803.59	1/4 1514.74	1/4 1226.34	1/4 937.47	1/4 648.61	1/4 359.75	1/4 72.27	1/4	
1/2	1/2 3241.89	1/2 2953.02	1/2 2664.16	1/2 2375.30	1/2 2086.43	1/2 1797.57	1/2 1508.73	1/2 1220.32	1/2 931.46	1/2 642.59	1/2 353.73	1/2 66.31	1/2	
3/4	3/4 3235.87	3/4 2947.01	3/4 2658.14	3/4 2369.28	3/4 2080.41	3/4 1791.55	3/4 1502.73	3/4 1214.30	3/4 925.44	3/4 636.57	3/4 347.71	3/4 60.36	3/4	
8	8 3229.85	8 2940.99	8 2652.12	8 2363.26	8 2074.40	8 1785.53	8 1496.72	8 1208.28	8 919.42	8 630.56	8 341.69	8 55.00	8	
1/4	1/4 3223.83	1/4 2934.97	1/4 2646.11	1/4 2357.24	1/4 2068.38	1/4 1779.51	1/4 1490.71	1/4 1202.27	1/4 913.40	1/4 624.54	1/4 335.67	1/4 49.65	1/4	
1/2	1/2 3217.82	1/2 2928.95	1/2 2640.09	1/2 2351.22	1/2 2062.36	1/2 1773.50	1/2 1484.70	1/2 1196.25	1/2 907.38	1/2 618.52	1/2 329.66	1/2 44.30	1/2	
3/4	3/4 3211.80	3/4 2922.93	3/4 2634.07	3/4 2345.21	3/4 2056.34	3/4 1767.48	3/4 1478.69	3/4 1190.23	3/4 901.37	3/4 612.50	3/4 323.64	3/4 38.95	3/4	
9	9 3205.78	9 2916.92	9 2628.05	9 2339.19	9 2050.32	9 1761.46	9 1472.69	9 1184.21	9 895.35	9 606.48	9 317.62	9 34.73	9	
1/4	3392.33 1/4 3199.76	1/4 2910.90	1/4 2622.03	1/4 2333.17	1/4 2044.31	1/4 1755.44	1/4 1466.68	1/4 1178.19	1/4 889.33	1/4 600.47	1/4 311.60	1/4 30.52	1/4	
1/2	3391.95 1/2 3193.74	1/2 2904.88	1/2 2616.02	1/2 2327.15	1/2 2038.29	1/2 1749.42	1/2 1460.67	1/2 1172.18	1/2 883.31	1/2 594.45	1/2 305.58	1/2 26.31	1/2	
3/4	3391.58 3/4 3187.73	3/4 2898.86	3/4 2610.00	3/4 2321.13	3/4 2032.27	3/4 1743.41	3/4 1454.66	3/4 1166.16	3/4 877.29	3/4 588.43	3/4 299.57	3/4 22.10	3/4	
10	10 3391.20	10 3181.71	10 2892.84	10 2603.98	10 2315.12	10 2026.25	10 1737.39	10 1448.65	10 1160.14	10 871.28	10 582.41	10 293.55	10 *19.09	10
1/4	3390.83 1/4 3175.69	1/4 2886.83	1/4 2597.96	1/4 2309.10	1/4 2020.23	1/4 1731.37	1/4 1442.65	1/4 1154.12	1/4 865.26	1/4 576.39	1/4 287.53	1/4	1/4	
1/2	3389.70 1/2 3169.67	1/2 2880.81	1/2 2591.94	1/2 2303.08	1/2 2014.22	1/2 1725.35	1/2 1436.64	1/2 1148.10	1/2 859.24	1/2 570.38	1/2 281.51	1/2	1/2	
3/4	3388.57 3/4 3163.65	3/4 2874.79	3/4 2585.93	3/4 2297.06	3/4 2008.20	3/4 1719.33	3/4 1430.63	3/4 1142.09	3/4 853.22	3/4 564.36	3/4 275.49	3/4	3/4	
11	11 3387.44	11 3157.64	11 2868.77	11 2579.91	11 2291.04	11 2002.18	11 1713.32	11 1424.62	11 1136.07	11 847.20	11 558.34	11 269.48	11	
1/4	3386.31 1/4 3151.62	1/4 2862.75	1/4 2573.89	1/4 2285.03	1/4 1996.16	1/4 1707.30	1/4 1418.61	1/4 1130.05	1/4 841.19	1/4 552.32	1/4 263.46	1/4	1/4	
1/2	3384.43 1/2 3145.60	1/2 2856.74	1/2 2567.87	1/2 2279.01	1/2 1990.14	1/2 1701.28	1/2 1412.61	1/2 1124.03	1/2 835.17	1/2 546.30	1/2 257.44	1/2	1/2	
3/4	3382.55 3/4 3139.58	3/4 2850.72	3/4 2561.85	3/4 2272.99	3/4 1984.13	3/4 1695.26	3/4 1406.60	3/4 1118.01	3/4 829.15	3/4 540.29	3/4 251.42	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 9/16/91

MAGNOLIA MARINE - BARGE "MM-40"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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 3382.92	0 3135.65	0 2846.59	0 2557.54	0 2268.48	0 1979.42	0 1690.37	0 1401.52	0 1112.74	0 823.68	0 534.62	0 245.57	0
1/4	1/4 3381.04	1/4 3129.63	1/4 2840.57	1/4 2551.51	1/4 2262.46	1/4 1973.40	1/4 1684.35	1/4 1395.51	1/4 1106.71	1/4 817.66	1/4 528.60	1/4 239.55	1/4
1/2	1/2 3378.41	1/2 3123.60	1/2 2834.55	1/2 2545.49	1/2 2256.44	1/2 1967.38	1/2 1678.32	1/2 1389.50	1/2 1100.69	1/2 811.64	1/2 522.58	1/2 233.52	1/2
3/4	3/4 3375.77	3/4 3117.58	3/4 2828.53	3/4 2539.47	3/4 2250.41	3/4 1961.36	3/4 1672.30	3/4 1383.49	3/4 1094.67	3/4 805.61	3/4 516.56	3/4 227.50	3/4
1	1 3373.14	1 3111.56	1 2822.50	1 2533.45	1 2244.39	1 1955.34	1 1666.28	1 1377.47	1 1088.65	1 799.59	1 510.54	1 221.48	1
1/4	1/4 3370.50	1/4 3105.54	1/4 2816.48	1/4 2527.43	1/4 2238.37	1/4 1949.31	1/4 1660.26	1/4 1371.46	1/4 1082.63	1/4 793.57	1/4 504.51	1/4 215.46	1/4
1/2	1/2 3367.11	1/2 3099.52	1/2 2810.46	1/2 2521.40	1/2 2232.35	1/2 1943.29	1/2 1654.24	1/2 1365.45	1/2 1076.60	1/2 787.55	1/2 498.49	1/2 209.44	1/2
3/4	3/4 3363.73	3/4 3093.49	3/4 2804.44	3/4 2515.38	3/4 2226.33	3/4 1937.27	3/4 1648.21	3/4 1359.44	3/4 1070.58	3/4 781.53	3/4 492.47	3/4 203.41	3/4
2	2 3360.34	2 3087.47	2 2798.42	2 2509.36	2 2220.30	2 1931.25	2 1642.19	2 1353.43	2 1064.56	2 775.50	2 486.45	2 197.45	2
1/4	1/4 3356.95	1/4 3081.45	1/4 2792.39	1/4 2503.34	1/4 2214.28	1/4 1925.23	1/4 1636.17	1/4 1347.41	1/4 1058.54	1/4 769.48	1/4 480.43	1/4 191.50	1/4
1/2	1/2 3352.81	1/2 3075.43	1/2 2786.37	1/2 2497.32	1/2 2208.26	1/2 1919.20	1/2 1630.15	1/2 1341.40	1/2 1052.52	1/2 763.46	1/2 474.40	1/2 185.54	1/2
3/4	3/4 3348.67	3/4 3069.41	3/4 2780.35	3/4 2491.29	3/4 2202.24	3/4 1913.18	3/4 1624.13	3/4 1335.39	3/4 1046.49	3/4 757.44	3/4 468.38	3/4 179.58	3/4
3	3 3344.53	3 3063.38	3 2774.33	3 2485.27	3 2196.22	3 1907.16	3 1618.10	3 1329.38	3 1040.47	3 751.42	3 462.36	3 173.62	3
1/4	1/4 3340.39	1/4 3057.36	1/4 2768.31	1/4 2479.25	1/4 2190.19	1/4 1901.14	1/4 1612.08	1/4 1323.37	1/4 1034.45	1/4 745.39	1/4 456.34	1/4 167.66	1/4
1/2	1/2 3335.50	1/2 3051.34	1/2 2762.28	1/2 2473.23	1/2 2184.17	1/2 1895.12	1/2 1606.06	1/2 1317.35	1/2 1028.43	1/2 739.37	1/2 450.32	1/2 161.70	1/2
3/4	3/4 3330.61	3/4 3045.32	3/4 2756.26	3/4 2467.21	3/4 2178.15	3/4 1889.09	3/4 1600.04	3/4 1311.34	3/4 1022.41	3/4 733.35	3/4 444.29	3/4 155.74	3/4
4	4 3325.72	4 3039.30	4 2750.24	4 2461.18	4 2172.13	4 1883.07	4 1594.02	4 1305.33	4 1016.38	4 727.33	4 438.27	4 149.78	4
1/4	1/4 3320.83	1/4 3033.27	1/4 2744.22	1/4 2455.16	1/4 2166.11	1/4 1877.05	1/4 1587.99	1/4 1299.32	1/4 1010.36	1/4 721.31	1/4 432.25	1/4 143.82	1/4
1/2	1/2 3315.18	1/2 3027.25	1/2 2738.20	1/2 2449.14	1/2 2160.08	1/2 1871.03	1/2 1581.97	1/2 1293.31	1/2 1004.34	1/2 715.28	1/2 426.23	1/2 137.86	1/2
3/4	3/4 3309.53	3/4 3021.23	3/4 2732.17	3/4 2443.12	3/4 2154.06	3/4 1865.01	3/4 1575.95	3/4 1287.29	3/4 998.32	3/4 709.26	3/4 420.21	3/4 131.91	3/4
5	5 3303.89	5 3015.21	5 2726.15	5 2437.10	5 2148.04	5 1858.98	5 1569.93	5 1281.28	5 992.30	5 703.24	5 414.18	5 125.95	5
1/4	1/4 3298.24	1/4 3009.19	1/4 2720.13	1/4 2431.07	1/4 2142.02	1/4 1852.96	1/4 1563.91	1/4 1275.27	1/4 986.27	1/4 697.22	1/4 408.16	1/4 119.99	1/4
1/2	1/2 3292.22	1/2 3003.16	1/2 2714.11	1/2 2425.05	1/2 2136.00	1/2 1846.94	1/2 1557.88	1/2 1269.26	1/2 980.25	1/2 691.20	1/2 402.14	1/2 114.03	1/2
3/4	3/4 3286.20	3/4 2997.14	3/4 2708.09	3/4 2419.03	3/4 2129.97	3/4 1840.92	3/4 1551.86	3/4 1263.25	3/4 974.23	3/4 685.17	3/4 396.12	3/4 108.07	3/4
6	6 3280.18	6 2991.12	6 2702.06	6 2413.01	6 2123.95	6 1834.90	6 1545.84	6 1257.23	6 968.21	6 679.15	6 390.10	6 102.11	6
1/4	1/4 3274.15	1/4 2985.10	1/4 2696.04	1/4 2406.99	1/4 2117.93	1/4 1828.87	1/4 1539.82	1/4 1251.22	1/4 962.19	1/4 673.13	1/4 384.07	1/4 96.15	1/4
1/2	1/2 3268.13	1/2 2979.08	1/2 2690.02	1/2 2400.96	1/2 2111.91	1/2 1822.85	1/2 1533.80	1/2 1245.21	1/2 956.16	1/2 667.11	1/2 378.05	1/2 90.19	1/2
3/4	3/4 3262.11	3/4 2973.05	3/4 2684.00	3/4 2394.94	3/4 2105.89	3/4 1816.83	3/4 1527.77	3/4 1239.20	3/4 950.14	3/4 661.09	3/4 372.03	3/4 84.23	3/4
7	7 3256.09	7 2967.03	7 2677.98	7 2388.92	7 2099.86	7 1810.81	7 1521.76	7 1233.18	7 944.12	7 655.06	7 366.01	7 78.27	7
1/4	1/4 3250.07	1/4 2961.01	1/4 2671.95	1/4 2382.90	1/4 2093.84	1/4 1804.79	1/4 1515.75	1/4 1227.15	1/4 938.10	1/4 649.04	1/4 359.99	1/4 72.32	1/4
1/2	1/2 3244.04	1/2 2954.99	1/2 2665.93	1/2 2376.88	1/2 2087.82	1/2 1798.76	1/2 1509.74	1/2 1221.13	1/2 932.08	1/2 643.02	1/2 353.96	1/2 66.36	1/2
3/4	3/4 3238.02	3/4 2948.97	3/4 2659.91	3/4 2370.85	3/4 2081.80	3/4 1792.74	3/4 1503.73	3/4 1215.11	3/4 926.05	3/4 637.00	3/4 347.94	3/4 60.40	3/4
8	8 3232.00	8 2942.94	8 2653.89	8 2364.83	8 2075.78	8 1786.72	8 1497.71	8 1209.09	8 920.03	8 630.98	8 341.92	8 55.04	8
1/4	1/4 3225.98	1/4 2936.92	1/4 2647.87	1/4 2358.81	1/4 2069.75	1/4 1780.70	1/4 1491.70	1/4 1203.07	1/4 914.01	1/4 624.95	1/4 335.90	1/4 49.68	1/4
1/2	1/2 3219.96	1/2 2930.90	1/2 2641.84	1/2 2352.79	1/2 2063.73	1/2 1774.68	1/2 1485.69	1/2 1197.04	1/2 907.99	1/2 618.93	1/2 329.88	1/2 44.33	1/2
3/4	3/4 3213.93	3/4 2924.88	3/4 2635.82	3/4 2346.77	3/4 2057.71	3/4 1768.65	3/4 1479.68	3/4 1191.02	3/4 901.97	3/4 612.91	3/4 323.85	3/4 38.97	3/4
9	9 3207.91	9 2918.86	9 2629.80	9 2340.74	9 2051.69	9 1762.63	9 1473.67	9 1185.00	9 895.94	9 606.89	9 317.83	9 34.75	9
1/4	3394.59 1/4 3201.89	1/4 2912.83	1/4 2623.78	1/4 2334.72	1/4 2045.67	1/4 1756.61	1/4 1467.65	1/4 1178.98	1/4 889.92	1/4 600.87	1/4 311.81	1/4 30.54	1/4
1/2	3394.21 1/2 3195.87	1/2 2906.81	1/2 2617.76	1/2 2328.70	1/2 2039.64	1/2 1750.59	1/2 1461.64	1/2 1172.96	1/2 883.90	1/2 594.84	1/2 305.79	1/2 26.32	1/2
3/4	3393.83 3/4 3189.85	3/4 2900.79	3/4 2611.73	3/4 2322.68	3/4 2033.62	3/4 1744.57	3/4 1455.63	3/4 1166.93	3/4 877.88	3/4 588.82	3/4 299.77	3/4 *22.11	3/4
10	10 3393.46	10 3183.82	10 2894.77	10 2605.71	10 2316.66	10 2027.60	10 1738.54	10 1449.62	10 1160.91	10 871.86	10 582.80	10 293.74	10
1/4	3393.08 1/4 3177.80	1/4 2888.75	1/4 2599.69	1/4 2310.63	1/4 2021.58	1/4 1732.52	1/4 1443.61	1/4 1154.89	1/4 865.83	1/4 576.78	1/4 287.72	1/4	1/4
1/2	3391.95 1/2 3171.78	1/2 2882.72	1/2 2593.67	1/2 2304.61	1/2 2015.56	1/2 1726.50	1/2 1437.59	1/2 1148.87	1/2 859.81	1/2 570.76	1/2 281.70	1/2	1/2
3/4	3390.82 3/4 3165.76	3/4 2876.70	3/4 2587.65	3/4 2298.59	3/4 2009.53	3/4 1720.48	3/4 1431.58	3/4 1142.85	3/4 853.79	3/4 564.73	3/4 275.68	3/4	3/4
11	11 3389.69	11 3159.74	11 2870.68	11 2581.62	11 2292.57	11 2003.51	11 1714.46	11 1425.57	11 1136.82	11 847.77	11 558.71	11 269.66	11
1/4	3388.57 1/4 3153.71	1/4 2864.66	1/4 2575.60	1/4 2286.55	1/4 1997.49	1/4 1708.43	1/4 1419.56	1/4 1130.80	1/4 841.75	1/4 552.69	1/4 263.63	1/4	1/4
1/2	3386.68 1/2 3147.69	1/2 2858.64	1/2 2569.58	1/2 2280.52	1/2 1991.47	1/2 1702.41	1/2 1413.55	1/2 1124.78	1/2 835.72	1/2 546.67	1/2 257.61	1/2	1/2
3/4	3384.80 3/4 3141.67	3/4 2852.61	3/4 2563.56	3/4 2274.50	3/4 1985.45	3/4 1696.39	3/4 1407.53	3/4 1118.76	3/4 829.70	3/4 540.65	3/4 251.59	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 9/16/91

MAGNOLIA MARINE - BARGE "MM-40"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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 3381.04	0 3129.63	0 2840.57	0 2551.51	0 2262.46	0 1973.40	0 1684.35	0 1395.51	0 1106.71	0 817.66	0 528.60	0 239.55	0
1/4	1/4 3378.41	1/4 3123.60	1/4 2834.55	1/4 2545.49	1/4 2256.44	1/4 1967.38	1/4 1678.32	1/4 1389.50	1/4 1100.69	1/4 811.64	1/4 522.58	1/4 233.52	1/4
1/2	1/2 3375.77	1/2 3117.58	1/2 2828.53	1/2 2539.47	1/2 2250.41	1/2 1961.36	1/2 1672.30	1/2 1383.49	1/2 1094.67	1/2 805.61	1/2 516.56	1/2 227.50	1/2
3/4	3/4 3373.14	3/4 3111.56	3/4 2822.50	3/4 2533.45	3/4 2244.39	3/4 1955.34	3/4 1666.28	3/4 1377.47	3/4 1088.65	3/4 799.59	3/4 510.54	3/4 221.48	3/4
1	1 3370.50	1 3105.54	1 2816.48	1 2527.43	1 2238.37	1 1949.31	1 1660.26	1 1371.46	1 1082.63	1 793.57	1 504.51	1 215.46	1
1/4	1/4 3367.11	1/4 3099.52	1/4 2810.46	1/4 2521.40	1/4 2232.35	1/4 1943.29	1/4 1654.24	1/4 1365.45	1/4 1076.60	1/4 787.55	1/4 498.49	1/4 209.44	1/4
1/2	1/2 3363.73	1/2 3093.49	1/2 2804.44	1/2 2515.38	1/2 2226.33	1/2 1937.27	1/2 1648.21	1/2 1359.44	1/2 1070.58	1/2 781.53	1/2 492.47	1/2 203.41	1/2
3/4	3/4 3360.34	3/4 3087.47	3/4 2798.42	3/4 2509.36	3/4 2220.30	3/4 1931.25	3/4 1642.19	3/4 1353.43	3/4 1064.56	3/4 775.50	3/4 486.45	3/4 197.45	3/4
2	2 3356.95	2 3081.45	2 2792.39	2 2503.34	2 2214.28	2 1925.23	2 1636.17	2 1347.41	2 1058.54	2 769.48	2 480.43	2 191.50	2
1/4	1/4 3352.81	1/4 3075.43	1/4 2786.37	1/4 2497.32	1/4 2208.26	1/4 1919.20	1/4 1630.15	1/4 1341.40	1/4 1052.52	1/4 763.46	1/4 474.40	1/4 185.54	1/4
1/2	1/2 3348.67	1/2 3069.41	1/2 2780.35	1/2 2491.29	1/2 2202.24	1/2 1913.18	1/2 1624.13	1/2 1335.39	1/2 1046.49	1/2 757.44	1/2 468.38	1/2 179.58	1/2
3/4	3/4 3344.53	3/4 3063.38	3/4 2774.33	3/4 2485.27	3/4 2196.22	3/4 1907.16	3/4 1618.10	3/4 1329.38	3/4 1040.47	3/4 751.42	3/4 462.36	3/4 173.62	3/4
3	3 3340.39	3 3057.36	3 2768.31	3 2479.25	3 2190.19	3 1901.14	3 1612.08	3 1323.37	3 1034.45	3 745.39	3 456.34	3 167.66	3
1/4	1/4 3335.50	1/4 3051.34	1/4 2762.28	1/4 2473.23	1/4 2184.17	1/4 1895.12	1/4 1606.06	1/4 1317.35	1/4 1028.43	1/4 739.37	1/4 450.32	1/4 161.70	1/4
1/2	1/2 3330.61	1/2 3045.32	1/2 2756.26	1/2 2467.21	1/2 2178.15	1/2 1889.09	1/2 1600.04	1/2 1311.34	1/2 1022.41	1/2 733.35	1/2 444.29	1/2 155.74	1/2
3/4	3/4 3325.72	3/4 3039.30	3/4 2750.24	3/4 2461.18	3/4 2172.13	3/4 1883.07	3/4 1594.02	3/4 1305.33	3/4 1016.38	3/4 727.33	3/4 438.27	3/4 149.78	3/4
4	4 3320.83	4 3033.27	4 2744.22	4 2455.16	4 2166.11	4 1877.05	4 1587.99	4 1299.32	4 1010.36	4 721.31	4 432.25	4 143.82	4
1/4	1/4 3315.18	1/4 3027.25	1/4 2738.20	1/4 2449.14	1/4 2160.08	1/4 1871.03	1/4 1581.97	1/4 1293.31	1/4 1004.34	1/4 715.28	1/4 426.23	1/4 137.86	1/4
1/2	1/2 3309.53	1/2 3021.23	1/2 2732.17	1/2 2443.12	1/2 2154.06	1/2 1865.01	1/2 1575.95	1/2 1287.29	1/2 998.32	1/2 709.26	1/2 420.21	1/2 131.91	1/2
3/4	3/4 3303.89	3/4 3015.21	3/4 2726.15	3/4 2437.10	3/4 2148.04	3/4 1858.98	3/4 1569.93	3/4 1281.28	3/4 992.30	3/4 703.24	3/4 414.18	3/4 125.95	3/4
5	5 3298.24	5 3009.19	5 2720.13	5 2431.07	5 2142.02	5 1852.96	5 1563.91	5 1275.27	5 986.27	5 697.22	5 408.16	5 119.99	5
1/4	1/4 3292.22	1/4 3003.16	1/4 2714.11	1/4 2425.05	1/4 2136.00	1/4 1846.94	1/4 1557.88	1/4 1269.26	1/4 980.25	1/4 691.20	1/4 402.14	1/4 114.03	1/4
1/2	1/2 3286.20	1/2 2997.14	1/2 2708.09	1/2 2419.03	1/2 2129.97	1/2 1840.92	1/2 1551.86	1/2 1263.25	1/2 974.23	1/2 685.17	1/2 396.12	1/2 108.07	1/2
3/4	3/4 3280.18	3/4 2991.12	3/4 2702.06	3/4 2413.01	3/4 2123.95	3/4 1834.90	3/4 1545.84	3/4 1257.23	3/4 968.21	3/4 679.15	3/4 390.10	3/4 102.11	3/4
6	6 3274.15	6 2985.10	6 2696.04	6 2406.99	6 2117.93	6 1828.87	6 1539.82	6 1251.22	6 962.19	6 673.13	6 384.07	6 96.15	6
1/4	1/4 3268.13	1/4 2979.08	1/4 2690.02	1/4 2400.96	1/4 2111.91	1/4 1822.85	1/4 1533.80	1/4 1245.21	1/4 956.16	1/4 667.11	1/4 378.05	1/4 90.19	1/4
1/2	1/2 3262.11	1/2 2973.05	1/2 2684.00	1/2 2394.94	1/2 2105.89	1/2 1816.83	1/2 1527.77	1/2 1239.20	1/2 950.14	1/2 661.09	1/2 372.03	1/2 84.23	1/2
3/4	3/4 3256.09	3/4 2967.03	3/4 2677.98	3/4 2388.92	3/4 2099.86	3/4 1810.81	3/4 1521.76	3/4 1233.18	3/4 944.12	3/4 655.06	3/4 366.01	3/4 78.27	3/4
7	7 3250.07	7 2961.01	7 2671.95	7 2382.90	7 2093.84	7 1804.79	7 1515.75	7 1227.15	7 938.10	7 649.04	7 359.99	7 72.32	7
1/4	1/4 3244.04	1/4 2954.99	1/4 2665.93	1/4 2376.88	1/4 2087.82	1/4 1798.76	1/4 1509.74	1/4 1221.13	1/4 932.08	1/4 643.02	1/4 353.96	1/4 66.36	1/4
1/2	1/2 3238.02	1/2 2948.97	1/2 2659.91	1/2 2370.85	1/2 2081.80	1/2 1792.74	1/2 1503.73	1/2 1215.11	1/2 926.05	1/2 637.00	1/2 347.94	1/2 60.40	1/2
3/4	3/4 3232.00	3/4 2942.94	3/4 2653.89	3/4 2364.83	3/4 2075.78	3/4 1786.72	3/4 1497.71	3/4 1209.09	3/4 920.03	3/4 630.98	3/4 341.92	3/4 55.04	3/4
8	8 3225.98	8 2936.92	8 2647.87	8 2358.81	8 2069.75	8 1780.70	8 1491.70	8 1203.07	8 914.01	8 624.95	8 335.90	8 49.68	8
1/4	1/4 3219.96	1/4 2930.90	1/4 2641.84	1/4 2352.79	1/4 2063.73	1/4 1774.68	1/4 1485.69	1/4 1197.04	1/4 907.99	1/4 618.93	1/4 329.88	1/4 44.33	1/4
1/2	1/2 3213.93	1/2 2924.88	1/2 2635.82	1/2 2346.77	1/2 2057.71	1/2 1768.65	1/2 1479.68	1/2 1191.02	1/2 901.97	1/2 612.91	1/2 323.85	1/2 38.97	1/2
3/4	3/4 3207.91	3/4 2918.86	3/4 2629.80	3/4 2340.74	3/4 2051.69	3/4 1762.63	3/4 1473.67	3/4 1185.00	3/4 895.94	3/4 606.89	3/4 317.83	3/4 34.75	3/4
9	9 3394.59	9 3201.89	9 2912.83	9 2623.78	9 2334.72	9 2045.67	9 1756.61	9 1467.65	9 1178.98	9 889.92	9 600.87	9 311.81	9
1/4	1/4 3394.21	1/4 3195.87	1/4 2906.81	1/4 2617.76	1/4 2328.70	1/4 2039.64	1/4 1750.59	1/4 1461.64	1/4 1172.96	1/4 883.90	1/4 594.84	1/4 305.79	1/4
1/2	1/2 3393.83	1/2 3189.85	1/2 2900.79	1/2 2611.73	1/2 2322.68	1/2 2033.62	1/2 1744.57	1/2 1455.63	1/2 1166.93	1/2 877.88	1/2 588.82	1/2 299.77	1/2
3/4	3/4 3393.46	3/4 3183.82	3/4 2894.77	3/4 2605.71	3/4 2316.66	3/4 2027.60	3/4 1738.54	3/4 1449.62	3/4 1160.91	3/4 871.86	3/4 582.80	3/4 293.74	3/4 *19.10
10	10 3393.08	10 3177.80	10 2888.75	10 2599.69	10 2310.63	10 2021.58	10 1732.52	10 1443.61	10 1154.89	10 865.83	10 576.78	10 287.72	10
1/4	1/4 3391.95	1/4 3171.78	1/4 2882.72	1/4 2593.67	1/4 2304.61	1/4 2015.56	1/4 1726.50	1/4 1437.59	1/4 1148.87	1/4 859.81	1/4 570.76	1/4 281.70	1/4
1/2	1/2 3390.82	1/2 3165.76	1/2 2876.70	1/2 2587.65	1/2 2298.59	1/2 2009.53	1/2 1720.48	1/2 1431.58	1/2 1142.85	1/2 853.79	1/2 564.73	1/2 275.68	1/2
3/4	3/4 3389.69	3/4 3159.74	3/4 2870.68	3/4 2581.62	3/4 2292.57	3/4 2003.51	3/4 1714.46	3/4 1425.57	3/4 1136.82	3/4 847.77	3/4 558.71	3/4 269.66	3/4
11	11 3388.57	11 3153.71	11 2864.66	11 2575.60	11 2286.55	11 1997.49	11 1708.43	11 1419.56	11 1130.80	11 841.75	11 552.69	11 263.63	11
1/4	1/4 3386.68	1/4 3147.69	1/4 2858.64	1/4 2569.58	1/4 2280.52	1/4 1991.47	1/4 1702.41	1/4 1413.55	1/4 1124.78	1/4 835.72	1/4 546.67	1/4 257.61	1/4
1/2	1/2 3384.80	1/2 3141.67	1/2 2852.61	1/2 2563.56	1/2 2274.50	1/2 1985.45	1/2 1696.39	1/2 1407.53	1/2 1118.76	1/2 829.70	1/2 540.65	1/2 251.59	1/2
3/4	3/4 3382.92	3/4 3135.65	3/4 2846.59	3/4 2557.54	3/4 2268.48	3/4 1979.42	3/4 1690.37	3/4 1401.52	3/4 1112.74	3/4 823.68	3/4 534.62	3/4 245.57	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 9/16/91

MAGNOLIA MARINE - BARGE "MM-40"

OUTGAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	2624.03	0	2593.38	0	2472.42	0	2228.72	0	1966.31	0	1703.89	0	1411.48	0	1179.44	0	917.12	0	654.71	0	392.29	0	130.51		
1/4	1/4	1/4	1/4	1/4	2623.43	1/4	2592.73	1/4	2468.51	1/4	2223.26	1/4	1960.84	1/4	1698.42	1/4	1436.01	1/4	1173.98	1/4	911.66	1/4	649.24	1/4	386.82	1/4	125.10		
1/2	1/2	1/2	1/2	1/2	2622.83	1/2	2592.09	1/2	2464.61	1/2	2217.79	1/2	1955.37	1/2	1692.96	1/2	1430.54	1/2	1168.53	1/2	906.19	1/2	643.77	1/2	381.36	1/2	119.70		
3/4	3/4	3/4	3/4	3/4	2622.23	3/4	2591.45	3/4	2460.70	3/4	2212.32	3/4	1949.91	3/4	1687.49	3/4	1425.07	3/4	1163.07	3/4	900.72	3/4	638.31	3/4	375.89	3/4	114.29		
1		1		1	2621.62	1	2590.81	1	2456.79	1	2206.86	1	1944.44	1	1682.02	1	1419.61	1	1157.61	1	895.26	1	632.84	1	370.42	1	108.89		
1/4	1/4	1/4	1/4	1/4	2620.98	1/4	2590.17	1/4	2452.88	1/4	2201.39	1/4	1938.97	1/4	1676.56	1/4	1414.14	1/4	1152.15	1/4	889.79	1/4	627.37	1/4	364.96	1/4	103.49		
1/2	1/2	1/2	1/2	1/2	2620.34	1/2	2589.52	1/2	2448.98	1/2	2195.92	1/2	1933.51	1/2	1671.09	1/2	1408.67	1/2	1146.70	1/2	884.32	1/2	621.91	1/2	359.49	1/2	98.08		
3/4	3/4	3/4	3/4	3/4	2619.70	3/4	2588.88	3/4	2445.07	3/4	2190.45	3/4	1928.04	3/4	1665.62	3/4	1403.21	3/4	1141.24	3/4	878.85	3/4	616.44	3/4	354.02	3/4	92.68		
2		2		2	2619.06	2	2588.24	2	2441.16	2	2184.99	2	1922.57	2	1660.16	2	1397.74	2	1135.78	2	873.39	2	610.97	2	348.56	2	87.27		
1/4	1/4	1/4	1/4	1/4	2618.41	1/4	2587.43	1/4	2437.26	1/4	2179.52	1/4	1917.10	1/4	1654.69	1/4	1392.27	1/4	1130.33	1/4	867.92	1/4	605.50	1/4	343.09	1/4	81.87		
1/2	1/2	1/2	1/2	1/2	2617.77	1/2	2586.62	1/2	2433.35	1/2	2174.05	1/2	1911.64	1/2	1649.22	1/2	1386.81	1/2	1124.87	1/2	862.45	1/2	600.04	1/2	337.62	1/2	76.47		
3/4	3/4	3/4	3/4	3/4	2617.13	3/4	2585.80	3/4	2429.44	3/4	2168.59	3/4	1906.17	3/4	1643.75	3/4	1381.35	3/4	1119.40	3/4	856.99	3/4	594.57	3/4	332.15	3/4	71.06		
3		3		3	2616.49	3	2584.99	3	2425.54	3	2163.12	3	1900.70	3	1638.29	3	1375.89	3	1113.94	3	851.52	3	589.10	3	326.69	3	65.66		
1/4	1/4	1/4	1/4	1/4	2615.85	1/4	2583.84	1/4	2420.07	1/4	2157.65	1/4	1895.24	1/4	1632.82	1/4	1370.43	1/4	1108.47	1/4	846.05	1/4	583.64	1/4	321.22	1/4	60.25		
1/2	1/2	1/2	1/2	1/2	2615.20	1/2	2582.69	1/2	2414.60	1/2	2152.19	1/2	1889.77	1/2	1627.35	1/2	1364.98	1/2	1103.00	1/2	840.59	1/2	578.17	1/2	315.75	1/2	54.85		
3/4	3/4	3/4	3/4	3/4	2614.56	3/4	2581.53	3/4	2409.13	3/4	2146.72	3/4	1884.30	3/4	1621.89	3/4	1359.52	3/4	1097.07	3/4	835.12	3/4	572.70	3/4	310.29	3/4	49.99		
4		4		4	2613.92	4	2580.38	4	2403.67	4	2141.25	4	1878.84	4	1616.42	4	1354.06	4	1092.07	4	829.65	4	567.24	4	304.82	4	45.14		
1/4	1/4	1/4	1/4	1/4	2613.28	1/4	2578.89	1/4	2398.20	1/4	2135.78	1/4	1873.37	1/4	1610.95	1/4	1348.61	1/4	1086.60	1/4	824.18	1/4	561.77	1/4	299.35	1/4	40.28		
1/2	1/2	1/2	1/2	1/2	2612.64	1/2	2577.39	1/2	2392.73	1/2	2130.32	1/2	1867.90	1/2	1605.49	1/2	1343.15	1/2	1081.13	1/2	818.72	1/2	556.30	1/2	293.89	1/2	35.42		
3/4	3/4	3/4	3/4	3/4	2611.99	3/4	2575.74	3/4	2387.27	3/4	2124.85	3/4	1862.43	3/4	1600.02	3/4	1337.69	3/4	1075.67	3/4	813.25	3/4	550.83	3/4	288.42	3/4	31.59		
5		5	2631.88	5	2611.35	5	2574.09	5	2381.80	5	2119.38	5	1856.97	5	1594.55	5	1332.24	5	1070.20	5	807.78	5	545.37	5	282.95	5	*27.77		
1/4	1/4	1/4	2631.84	1/4	2610.71	1/4	2571.63	1/4	2376.33	1/4	2113.92	1/4	1851.50	1/4	1589.08	1/4	1326.78	1/4	1064.73	1/4	802.32	1/4	539.90	1/4	277.48	1/4			
1/2	1/2	1/2	2631.80	1/2	2610.07	1/2	2569.17	1/2	2370.87	1/2	2108.45	1/2	1846.03	1/2	1583.62	1/2	1321.32	1/2	1059.27	1/2	796.85	1/2	534.43	1/2	272.02	1/2			
3/4	3/4	3/4	2631.76	3/4	2609.43	3/4	2566.71	3/4	2365.40	3/4	2102.98	3/4	1840.57	3/4	1578.15	3/4	1315.86	3/4	1053.80	3/4	791.38	3/4	528.97	3/4	266.55	3/4			
6		6	2631.72	6	2608.78	6	2564.26	6	2359.93	6	2097.52	6	1835.10	6	1572.68	6	1310.41	6	1048.33	6	785.92	6	523.50	6	261.08	6			
1/4	1/4	1/4	2631.60	1/4	2608.14	1/4	2560.83	1/4	2354.46	1/4	2092.05	1/4	1829.63	1/4	1567.22	1/4	1304.95	1/4	1042.86	1/4	780.45	1/4	518.03	1/4	255.62	1/4			
1/2	1/2	1/2	2631.48	1/2	2607.50	1/2	2557.41	1/2	2349.00	1/2	2086.58	1/2	1824.17	1/2	1561.75	1/2	1299.49	1/2	1037.40	1/2	774.98	1/2	512.57	1/2	250.15	1/2			
3/4	3/4	3/4	2631.36	3/4	2606.86	3/4	2553.98	3/4	2343.53	3/4	2081.11	3/4	1818.70	3/4	1556.28	3/4	1294.04	3/4	1031.93	3/4	769.51	3/4	507.10	3/4	244.68	3/4			
7		7	2631.24	7	2606.22	7	2550.56	7	2338.06	7	2075.65	7	1813.23	7	1550.82	7	1288.58	7	1026.46	7	764.05	7	501.63	7	239.22	7			
1/4	1/4	1/4	2631.04	1/4	2605.57	1/4	2546.65	1/4	2332.60	1/4	2070.18	1/4	1807.76	1/4	1545.35	1/4	1283.12	1/4	1021.00	1/4	758.58	1/4	496.16	1/4	233.75	1/4			
1/2	1/2	1/2	2630.84	1/2	2604.93	1/2	2542.75	1/2	2327.13	1/2	2064.71	1/2	1802.30	1/2	1539.88	1/2	1277.67	1/2	1015.53	1/2	753.11	1/2	490.70	1/2	228.28	1/2			
3/4	3/4	3/4	2630.64	3/4	2604.29	3/4	2538.84	3/4	2321.66	3/4	2059.25	3/4	1796.83	3/4	1534.41	3/4	1272.21	3/4	1010.06	3/4	747.65	3/4	485.23	3/4	222.81	3/4			
8		8	2630.44	8	2603.65	8	2534.93	8	2316.20	8	2053.78	8	1791.36	8	1528.95	8	1266.75	8	1004.60	8	742.18	8	479.76	8	217.35	8			
1/4	1/4	1/4	2630.16	1/4	2603.01	1/4	2531.02	1/4	2310.73	1/4	2048.31	1/4	1785.90	1/4	1523.48	1/4	1261.29	1/4	999.13	1/4	736.71	1/4	474.30	1/4	211.88	1/4			
1/2	1/2	1/2	2629.88	1/2	2602.36	1/2	2527.12	1/2	2305.26	1/2	2042.85	1/2	1780.43	1/2	1518.01	1/2	1255.84	1/2	993.66	1/2	731.25	1/2	468.83	1/2	206.41	1/2			
3/4	3/4	3/4	2629.60	3/4	2601.72	3/4	2523.21	3/4	2299.79	3/4	2037.38	3/4	1774.96	3/4	1512.55	3/4	1250.38	3/4	988.19	3/4	725.78	3/4	463.36	3/4	200.95	3/4			
9		9	2629.32	9	2601.08	9	2519.30	9	2294.33	9	2031.91	9	1769.50	9	1507.08	9	1244.92	9	982.73	9	720.31	9	457.90	9	195.48	9			
1/4	1/4	1/4	2628.96	1/4	26																								

MAGNOLIA MARINE - BARGE "MM-40"

OUTGATE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

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	2624.03	0	2593.38	0	2472.42	0	2228.72	0	1966.31	0	1703.89	0	1411.48	0	1179.44	0	917.12	0	654.71	0	392.29	0	130.51		
1/4	1/4	1/4	1/4	1/4	2623.43	1/4	2592.73	1/4	2468.51	1/4	2223.26	1/4	1960.84	1/4	1698.42	1/4	1436.01	1/4	1173.98	1/4	911.66	1/4	649.24	1/4	386.82	1/4	125.10		
1/2	1/2	1/2	1/2	1/2	2622.83	1/2	2592.09	1/2	2464.61	1/2	2217.79	1/2	1955.37	1/2	1692.96	1/2	1430.54	1/2	1168.53	1/2	906.19	1/2	643.77	1/2	381.36	1/2	119.70		
3/4	3/4	3/4	3/4	3/4	2622.23	3/4	2591.45	3/4	2460.70	3/4	2212.32	3/4	1949.91	3/4	1687.49	3/4	1425.07	3/4	1163.07	3/4	900.72	3/4	638.31	3/4	375.89	3/4	114.29		
1		1		1	2621.62	1	2590.81	1	2456.79	1	2206.86	1	1944.44	1	1682.02	1	1419.61	1	1157.61	1	895.26	1	632.84	1	370.42	1	108.89		
1/4	1/4	1/4	1/4	1/4	2620.98	1/4	2590.17	1/4	2452.88	1/4	2201.39	1/4	1938.97	1/4	1676.56	1/4	1414.14	1/4	1152.15	1/4	889.79	1/4	627.37	1/4	364.96	1/4	103.49		
1/2	1/2	1/2	1/2	1/2	2620.34	1/2	2589.52	1/2	2448.98	1/2	2195.92	1/2	1933.51	1/2	1671.09	1/2	1408.67	1/2	1146.70	1/2	884.32	1/2	621.91	1/2	359.49	1/2	98.08		
3/4	3/4	3/4	3/4	3/4	2619.70	3/4	2588.88	3/4	2445.07	3/4	2190.45	3/4	1928.04	3/4	1665.62	3/4	1403.21	3/4	1141.24	3/4	878.85	3/4	616.44	3/4	354.02	3/4	92.68		
2		2		2	2619.06	2	2588.24	2	2441.16	2	2184.99	2	1922.57	2	1660.16	2	1397.74	2	1135.78	2	873.39	2	610.97	2	348.56	2	87.27		
1/4	1/4	1/4	1/4	1/4	2618.41	1/4	2587.43	1/4	2437.26	1/4	2179.52	1/4	1917.10	1/4	1654.69	1/4	1392.27	1/4	1130.33	1/4	867.92	1/4	605.50	1/4	343.09	1/4	81.87		
1/2	1/2	1/2	1/2	1/2	2617.77	1/2	2586.62	1/2	2433.35	1/2	2174.05	1/2	1911.64	1/2	1649.22	1/2	1386.81	1/2	1124.87	1/2	862.45	1/2	600.04	1/2	337.62	1/2	76.47		
3/4	3/4	3/4	3/4	3/4	2617.13	3/4	2585.80	3/4	2429.44	3/4	2168.59	3/4	1906.17	3/4	1643.75	3/4	1381.35	3/4	1119.40	3/4	856.99	3/4	594.57	3/4	332.15	3/4	71.06		
3		3		3	2616.49	3	2584.99	3	2425.54	3	2163.12	3	1900.70	3	1638.29	3	1375.89	3	1113.94	3	851.52	3	589.10	3	326.69	3	65.66		
1/4	1/4	1/4	1/4	1/4	2615.85	1/4	2583.84	1/4	2420.07	1/4	2157.65	1/4	1895.24	1/4	1632.82	1/4	1370.43	1/4	1108.47	1/4	846.05	1/4	583.64	1/4	321.22	1/4	60.25		
1/2	1/2	1/2	1/2	1/2	2615.20	1/2	2582.69	1/2	2414.60	1/2	2152.19	1/2	1889.77	1/2	1627.35	1/2	1364.98	1/2	1103.00	1/2	840.59	1/2	578.17	1/2	315.75	1/2	54.85		
3/4	3/4	3/4	3/4	3/4	2614.56	3/4	2581.53	3/4	2409.13	3/4	2146.72	3/4	1884.30	3/4	1621.89	3/4	1359.52	3/4	1097.07	3/4	835.12	3/4	572.70	3/4	310.29	3/4	49.99		
4		4		4	2613.92	4	2580.38	4	2403.67	4	2141.25	4	1878.84	4	1616.42	4	1354.06	4	1092.07	4	829.65	4	567.24	4	304.82	4	45.14		
1/4	1/4	1/4	1/4	1/4	2613.28	1/4	2578.89	1/4	2398.20	1/4	2135.78	1/4	1873.37	1/4	1610.95	1/4	1348.61	1/4	1086.60	1/4	824.18	1/4	561.77	1/4	299.35	1/4	40.28		
1/2	1/2	1/2	1/2	1/2	2612.64	1/2	2577.39	1/2	2392.73	1/2	2130.32	1/2	1867.90	1/2	1605.49	1/2	1343.15	1/2	1081.13	1/2	818.72	1/2	556.30	1/2	293.89	1/2	*35.42		
3/4	3/4	3/4	3/4	3/4	2611.99	3/4	2575.74	3/4	2387.27	3/4	2124.85	3/4	1862.43	3/4	1600.02	3/4	1337.69	3/4	1075.67	3/4	813.25	3/4	550.83	3/4	288.42	3/4			
5		5	2631.88	5	2611.35	5	2574.09	5	2381.80	5	2119.38	5	1856.97	5	1594.55	5	1332.24	5	1070.20	5	807.78	5	545.37	5	282.95	5			
1/4	1/4	1/4	2631.84	1/4	2610.71	1/4	2571.63	1/4	2376.33	1/4	2113.92	1/4	1851.50	1/4	1589.08	1/4	1326.78	1/4	1064.73	1/4	802.32	1/4	539.90	1/4	277.48	1/4			
1/2	1/2	1/2	2631.80	1/2	2610.07	1/2	2569.17	1/2	2370.87	1/2	2108.45	1/2	1846.03	1/2	1583.62	1/2	1321.32	1/2	1059.27	1/2	796.85	1/2	534.43	1/2	272.02	1/2			
3/4	3/4	3/4	2631.76	3/4	2609.43	3/4	2566.71	3/4	2365.40	3/4	2102.98	3/4	1840.57	3/4	1578.15	3/4	1315.86	3/4	1053.80	3/4	791.38	3/4	528.97	3/4	266.55	3/4			
6		6	2631.72	6	2608.78	6	2564.26	6	2359.93	6	2097.52	6	1835.10	6	1572.68	6	1310.41	6	1048.33	6	785.92	6	523.50	6	261.08	6			
1/4	1/4	1/4	2631.60	1/4	2608.14	1/4	2560.83	1/4	2354.46	1/4	2092.05	1/4	1829.63	1/4	1567.22	1/4	1304.95	1/4	1042.86	1/4	780.45	1/4	518.03	1/4	255.62	1/4			
1/2	1/2	1/2	2631.48	1/2	2607.50	1/2	2557.41	1/2	2349.00	1/2	2086.58	1/2	1824.17	1/2	1561.75	1/2	1299.49	1/2	1037.40	1/2	774.98	1/2	512.57	1/2	250.15	1/2			
3/4	3/4	3/4	2631.36	3/4	2606.86	3/4	2553.98	3/4	2343.53	3/4	2081.11	3/4	1818.70	3/4	1556.28	3/4	1294.04	3/4	1031.93	3/4	769.51	3/4	507.10	3/4	244.68	3/4			
7		7	2631.24	7	2606.22	7	2550.56	7	2338.06	7	2075.65	7	1813.23	7	1550.82	7	1288.58	7	1026.46	7	764.05	7	501.63	7	239.22	7			
1/4	1/4	1/4	2631.04	1/4	2605.57	1/4	2546.65	1/4	2332.60	1/4	2070.18	1/4	1807.76	1/4	1545.35	1/4	1283.12	1/4	1021.00	1/4	758.58	1/4	496.16	1/4	233.75	1/4			
1/2	1/2	1/2	2630.84	1/2	2604.93	1/2	2542.75	1/2	2327.13	1/2	2064.71	1/2	1802.30	1/2	1539.88	1/2	1277.67	1/2	1015.53	1/2	753.11	1/2	490.70	1/2	228.28	1/2			
3/4	3/4	3/4	2630.64	3/4	2604.29	3/4	2538.84	3/4	2321.66	3/4	2059.25	3/4	1796.83	3/4	1534.41	3/4	1272.21	3/4	1010.06	3/4	747.65	3/4	485.23	3/4	222.81	3/4			
8		8	2630.44	8	2603.65	8	2534.93	8	2316.20	8	2053.78	8	1791.36	8	1528.95	8	1266.75	8	1004.60	8	742.18	8	479.76	8	217.35	8			
1/4	1/4	1/4	2630.16	1/4	2603.01	1/4	2531.02	1/4	2310.73	1/4	2048.31	1/4	1785.90	1/4	1523.48	1/4	1261.29	1/4	999.13	1/4	736.71	1/4	474.30	1/4	211.88	1/4			
1/2	1/2	1/2	2629.88	1/2	2602.36	1/2	2527.12	1/2	2305.26	1/2	2042.85	1/2	1780.43	1/2	1518.01	1/2	1255.84	1/2	993.66	1/2	731.25	1/2	468.83	1/2	206.41	1/2			
3/4	3/4	3/4	2629.60	3/4	2601.72	3/4	2523.21	3/4	2299.79	3/4	2037.38	3/4	1774.96	3/4	1512.55	3/4	1250.38	3/4	988.19	3/4	725.78	3/4	463.36	3/4	200.95	3/4			
9		9	2629.32	9	2601.08	9	2519.30	9	2294.33	9	2031.91	9	1769.50	9	1507.08	9	1244.92	9	982.73	9	720.31	9	457.90	9	195.48	9			
1/4	1/4	1/4	2628.96	1/4	2600.44	1																							