

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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 3463.42	0 3200.05	0 2892.18	0 2584.30	0 2276.43	0 1968.56	0 1660.69	0 1352.82	0 1044.94	0 737.07	0 440.59	0 186.80	0
1/4	1/4 3461.42	1/4 3193.63	1/4 2885.76	1/4 2577.89	1/4 2270.02	1/4 1962.15	1/4 1654.27	1/4 1346.40	1/4 1038.53	1/4 730.66	1/4 434.78	1/4 181.92	1/4
1/2	1/2 3458.61	1/2 3187.22	1/2 2879.35	1/2 2571.48	1/2 2263.60	1/2 1955.73	1/2 1647.86	1/2 1339.99	1/2 1032.12	1/2 724.24	1/2 428.96	1/2 177.04	1/2
3/4	3/4 3455.81	3/4 3180.81	3/4 2872.93	3/4 2565.06	3/4 2257.19	3/4 1949.32	3/4 1641.45	3/4 1333.57	3/4 1025.70	3/4 717.83	3/4 423.15	3/4 172.17	3/4
1	1 3453.00	1 3174.39	1 2866.52	1 2558.65	1 2250.78	1 1942.90	1 1635.03	1 1327.16	1 1019.29	1 711.42	1 417.56	1 167.52	1
1/4	1/4 3450.19	1/4 3167.98	1/4 2860.11	1/4 2552.23	1/4 2244.36	1/4 1936.49	1/4 1628.62	1/4 1320.75	1/4 1012.87	1/4 705.00	1/4 411.98	1/4 162.88	1/4
1/2	1/2 3446.59	1/2 3161.56	1/2 2853.69	1/2 2545.82	1/2 2237.95	1/2 1930.08	1/2 1622.20	1/2 1314.33	1/2 1006.46	1/2 698.59	1/2 406.40	1/2 158.24	1/2
3/4	3/4 3442.98	3/4 3155.15	3/4 2847.28	3/4 2539.41	3/4 2231.53	3/4 1923.66	3/4 1615.79	3/4 1307.92	3/4 1000.05	3/4 692.17	3/4 400.82	3/4 153.60	3/4
2	2 3439.37	2 3148.74	2 2840.86	2 2532.99	2 2225.12	2 1917.25	2 1609.38	2 1301.50	2 993.63	2 685.77	2 395.24	2 148.96	2
1/4	1/4 3435.76	1/4 3142.32	1/4 2834.45	1/4 2526.58	1/4 2218.71	1/4 1910.83	1/4 1602.96	1/4 1295.09	1/4 987.22	1/4 679.37	1/4 389.66	1/4 144.31	1/4
1/2	1/2 3431.35	1/2 3135.91	1/2 2828.04	1/2 2520.16	1/2 2212.29	1/2 1904.42	1/2 1596.55	1/2 1288.68	1/2 980.80	1/2 672.97	1/2 384.08	1/2 139.67	1/2
3/4	3/4 3426.94	3/4 3129.49	3/4 2821.62	3/4 2513.75	3/4 2205.88	3/4 1898.01	3/4 1590.13	3/4 1282.26	3/4 974.39	3/4 666.57	3/4 378.50	3/4 135.03	3/4
3	3 3422.53	3 3123.08	3 2815.21	3 2507.34	3 2199.46	3 1891.59	3 1583.72	3 1275.85	3 967.98	3 660.16	3 372.92	3 130.39	3
1/4	1/4 3418.12	1/4 3116.67	1/4 2808.79	1/4 2500.92	1/4 2193.05	1/4 1885.18	1/4 1577.31	1/4 1269.43	1/4 961.56	1/4 653.76	1/4 367.34	1/4 125.75	1/4
1/2	1/2 3412.91	1/2 3110.25	1/2 2802.38	1/2 2494.51	1/2 2186.64	1/2 1878.76	1/2 1570.89	1/2 1263.02	1/2 955.15	1/2 647.36	1/2 361.75	1/2 121.10	1/2
3/4	3/4 3407.70	3/4 3103.84	3/4 2795.97	3/4 2488.09	3/4 2180.22	3/4 1872.35	3/4 1564.48	3/4 1256.61	3/4 948.73	3/4 640.96	3/4 356.17	3/4 116.46	3/4
4	4 3402.49	4 3097.42	4 2789.55	4 2481.68	4 2173.81	4 1865.94	4 1558.06	4 1250.19	4 942.32	4 634.67	4 350.83	4 112.05	4
1/4	1/4 3397.28	1/4 3091.01	1/4 2783.14	1/4 2475.27	1/4 2167.39	1/4 1859.52	1/4 1551.65	1/4 1243.78	1/4 935.91	1/4 628.39	1/4 345.48	1/4 107.65	1/4
1/2	1/2 3391.26	1/2 3084.60	1/2 2776.72	1/2 2468.85	1/2 2160.98	1/2 1853.11	1/2 1545.24	1/2 1237.36	1/2 929.49	1/2 622.10	1/2 340.14	1/2 103.24	1/2
3/4	3/4 3385.25	3/4 3078.18	3/4 2770.31	3/4 2462.44	3/4 2154.57	3/4 1846.69	3/4 1538.82	3/4 1230.95	3/4 923.08	3/4 615.82	3/4 334.79	3/4 98.83	3/4
5	5 3379.24	5 3071.77	5 2763.90	5 2456.02	5 2148.15	5 1840.28	5 1532.41	5 1224.54	5 916.66	5 609.53	5 329.44	5 94.42	5
1/4	1/4 3373.23	1/4 3065.35	1/4 2757.48	1/4 2449.61	1/4 2141.74	1/4 1833.87	1/4 1525.99	1/4 1218.12	1/4 910.25	1/4 603.25	1/4 324.10	1/4 90.01	1/4
1/2	1/2 3366.81	1/2 3058.94	1/2 2751.07	1/2 2443.20	1/2 2135.32	1/2 1827.45	1/2 1519.58	1/2 1211.71	1/2 903.84	1/2 596.96	1/2 318.75	1/2 85.61	1/2
3/4	3/4 3360.40	3/4 3052.53	3/4 2744.65	3/4 2436.78	3/4 2128.91	3/4 1821.04	3/4 1513.17	3/4 1205.29	3/4 897.42	3/4 590.68	3/4 313.41	3/4 81.20	3/4
6	6 3353.98	6 3046.11	6 2738.24	6 2430.37	6 2122.50	6 1814.62	6 1506.75	6 1198.88	6 891.01	6 584.39	6 308.06	6 76.79	6
1/4	1/4 3347.57	1/4 3039.70	1/4 2731.83	1/4 2423.95	1/4 2116.08	1/4 1808.21	1/4 1500.34	1/4 1192.47	1/4 884.59	1/4 578.11	1/4 302.71	1/4 72.38	1/4
1/2	1/2 3341.16	1/2 3033.28	1/2 2725.41	1/2 2417.54	1/2 2109.67	1/2 1801.80	1/2 1493.92	1/2 1186.05	1/2 878.18	1/2 571.82	1/2 297.37	1/2 67.97	1/2
3/4	3/4 3334.74	3/4 3026.87	3/4 2719.00	3/4 2411.13	3/4 2103.25	3/4 1795.38	3/4 1487.51	3/4 1179.64	3/4 871.77	3/4 565.54	3/4 292.02	3/4 63.57	3/4
7	7 3328.33	7 3020.46	7 2712.58	7 2404.71	7 2096.84	7 1788.97	7 1481.10	7 1173.22	7 865.35	7 559.49	7 286.91	7 59.39	7
1/4	1/4 3321.91	1/4 3014.04	1/4 2706.17	1/4 2398.30	1/4 2090.43	1/4 1782.55	1/4 1474.68	1/4 1166.81	1/4 858.94	1/4 553.44	1/4 281.80	1/4 55.22	1/4
1/2	1/2 3315.50	1/2 3007.63	1/2 2699.76	1/2 2391.88	1/2 2084.01	1/2 1776.14	1/2 1468.27	1/2 1160.40	1/2 852.52	1/2 547.39	1/2 276.69	1/2 51.04	1/2
3/4	3/4 3309.09	3/4 3001.21	3/4 2693.34	3/4 2385.47	3/4 2077.60	3/4 1769.73	3/4 1461.85	3/4 1153.98	3/4 846.11	3/4 541.34	3/4 271.58	3/4 46.87	3/4
8	8 3302.67	8 2994.80	8 2686.93	8 2379.06	8 2071.18	8 1763.31	8 1455.44	8 1147.57	8 839.70	8 535.29	8 266.47	8 43.04	8
1/4	1/4 3296.26	1/4 2988.39	1/4 2680.51	1/4 2372.64	1/4 2064.77	1/4 1756.90	1/4 1449.03	1/4 1141.15	1/4 833.28	1/4 529.24	1/4 261.36	1/4 39.21	1/4
1/2	1/2 3289.84	1/2 2981.97	1/2 2674.10	1/2 2366.23	1/2 2058.36	1/2 1750.48	1/2 1442.61	1/2 1134.74	1/2 826.87	1/2 523.19	1/2 256.24	1/2 35.38	1/2
3/4	3/4 3283.43	3/4 2975.56	3/4 2667.69	3/4 2359.81	3/4 2051.94	3/4 1744.07	3/4 1436.20	3/4 1128.33	3/4 820.45	3/4 517.14	3/4 251.13	3/4 31.55	3/4
9	9 3277.02	9 2969.14	9 2661.27	9 2353.40	9 2045.53	9 1737.66	9 1429.78	9 1121.91	9 814.04	9 511.09	9 246.02	9 28.40	9
1/4	3475.84 1/4 3270.60	1/4 2962.73	1/4 2654.86	1/4 2346.99	1/4 2039.11	1/4 1731.24	1/4 1423.37	1/4 1115.50	1/4 807.63	1/4 505.04	1/4 240.91	1/4 25.24	1/4
1/2	3475.44 1/2 3264.19	1/2 2956.32	1/2 2648.44	1/2 2340.57	1/2 2032.70	1/2 1724.83	1/2 1416.96	1/2 1109.08	1/2 801.21	1/2 498.99	1/2 235.80	1/2 22.09	1/2
3/4	3475.04 3/4 3257.77	3/4 2949.90	3/4 2642.03	3/4 2334.16	3/4 2026.29	3/4 1718.41	3/4 1410.54	3/4 1102.67	3/4 794.80	3/4 492.94	3/4 230.69	3/4 *18.94	3/4
10	10 3474.64	10 3251.36	10 2943.49	10 2635.62	10 2327.74	10 2019.87	10 1712.00	10 1404.13	10 1096.26	10 788.38	10 487.12	10 225.81	10
1/4	3474.24 1/4 3244.95	1/4 2937.07	1/4 2629.20	1/4 2321.33	1/4 2013.46	1/4 1705.59	1/4 1397.71	1/4 1089.84	1/4 781.97	1/4 481.31	1/4 220.94	1/4	1/4
1/2	3473.04 1/2 3238.53	1/2 2930.66	1/2 2622.79	1/2 2314.92	1/2 2007.04	1/2 1699.17	1/2 1391.30	1/2 1083.43	1/2 775.56	1/2 475.49	1/2 216.06	1/2	1/2
3/4	3471.84 3/4 3232.12	3/4 2924.25	3/4 2616.37	3/4 2308.50	3/4 2000.63	3/4 1692.76	3/4 1384.89	3/4 1077.01	3/4 769.14	3/4 469.67	3/4 211.18	3/4	3/4
11	11 3470.64	11 3225.70	11 2917.83	11 2609.96	11 2302.09	11 1994.22	11 1686.34	11 1378.47	11 1070.60	11 762.73	11 463.86	11 206.30	11
1/4	3469.43 1/4 3219.29	1/4 2911.42	1/4 2603.55	1/4 2295.67	1/4 1987.80	1/4 1679.93	1/4 1372.06	1/4 1064.19	1/4 756.31	1/4 458.04	1/4 201.43	1/4	1/4
1/2	3467.43 1/2 3212.88	1/2 2905.00	1/2 2597.13	1/2 2289.26	1/2 1981.39	1/2 1673.52	1/2 1365.64	1/2 1057.77	1/2 749.90	1/2 452.23	1/2 196.55	1/2	1/2
3/4	3465.43 3/4 3206.46	3/4 2898.59	3/4 2590.72	3/4 2282.85	3/4 1974.97	3/4 1667.10	3/4 1359.23	3/4 1051.36	3/4 743.49	3/4 446.41	3/4 191.67	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 6/8/95

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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 3463.42	0 3200.05	0 2892.18	0 2584.30	0 2276.43	0 1968.56	0 1660.69	0 1352.82	0 1044.94	0 737.07	0 440.59	0 186.80	0	
1/4	1/4 3461.42	1/4 3193.63	1/4 2885.76	1/4 2577.89	1/4 2270.02	1/4 1962.15	1/4 1654.27	1/4 1346.40	1/4 1038.53	1/4 730.66	1/4 434.78	1/4 181.92	1/4	
1/2	1/2 3458.61	1/2 3187.22	1/2 2879.35	1/2 2571.48	1/2 2263.60	1/2 1955.73	1/2 1647.86	1/2 1339.99	1/2 1032.12	1/2 724.24	1/2 428.96	1/2 177.04	1/2	
3/4	3/4 3455.81	3/4 3180.81	3/4 2872.93	3/4 2565.06	3/4 2257.19	3/4 1949.32	3/4 1641.45	3/4 1333.57	3/4 1025.70	3/4 717.83	3/4 423.15	3/4 172.17	3/4	
1	1 3453.00	1 3174.39	1 2866.52	1 2558.65	1 2250.78	1 1942.90	1 1635.03	1 1327.16	1 1019.29	1 711.42	1 417.56	1 167.52	1	
1/4	1/4 3450.19	1/4 3167.98	1/4 2860.11	1/4 2552.23	1/4 2244.36	1/4 1936.49	1/4 1628.62	1/4 1320.75	1/4 1012.87	1/4 705.00	1/4 411.98	1/4 162.88	1/4	
1/2	1/2 3446.59	1/2 3161.56	1/2 2853.69	1/2 2545.82	1/2 2237.95	1/2 1930.08	1/2 1622.20	1/2 1314.33	1/2 1006.46	1/2 698.59	1/2 406.40	1/2 158.24	1/2	
3/4	3/4 3442.98	3/4 3155.15	3/4 2847.28	3/4 2539.41	3/4 2231.53	3/4 1923.66	3/4 1615.79	3/4 1307.92	3/4 1000.05	3/4 692.17	3/4 400.82	3/4 153.60	3/4	
2	2 3439.37	2 3148.74	2 2840.86	2 2532.99	2 2225.12	2 1917.25	2 1609.38	2 1301.50	2 993.63	2 685.77	2 395.24	2 148.96	2	
1/4	1/4 3435.76	1/4 3142.32	1/4 2834.45	1/4 2526.58	1/4 2218.71	1/4 1910.83	1/4 1602.96	1/4 1295.09	1/4 987.22	1/4 679.37	1/4 389.66	1/4 144.31	1/4	
1/2	1/2 3431.35	1/2 3135.91	1/2 2828.04	1/2 2520.16	1/2 2212.29	1/2 1904.42	1/2 1596.55	1/2 1288.68	1/2 980.80	1/2 672.97	1/2 384.08	1/2 139.67	1/2	
3/4	3/4 3426.94	3/4 3129.49	3/4 2821.62	3/4 2513.75	3/4 2205.88	3/4 1898.01	3/4 1590.13	3/4 1282.26	3/4 974.39	3/4 666.57	3/4 378.50	3/4 135.03	3/4	
3	3 3422.53	3 3123.08	3 2815.21	3 2507.34	3 2199.46	3 1891.59	3 1583.72	3 1275.85	3 967.98	3 660.16	3 372.92	3 130.39	3	
1/4	1/4 3418.12	1/4 3116.67	1/4 2808.79	1/4 2500.92	1/4 2193.05	1/4 1885.18	1/4 1577.31	1/4 1269.43	1/4 961.56	1/4 653.76	1/4 367.34	1/4 125.75	1/4	
1/2	1/2 3412.91	1/2 3110.25	1/2 2802.38	1/2 2494.51	1/2 2186.64	1/2 1878.76	1/2 1570.89	1/2 1263.02	1/2 955.15	1/2 647.36	1/2 361.75	1/2 121.10	1/2	
3/4	3/4 3407.70	3/4 3103.84	3/4 2795.97	3/4 2488.09	3/4 2180.22	3/4 1872.35	3/4 1564.48	3/4 1256.61	3/4 948.73	3/4 640.96	3/4 356.17	3/4 116.46	3/4	
4	4 3402.49	4 3097.42	4 2789.55	4 2481.68	4 2173.81	4 1865.94	4 1558.06	4 1250.19	4 942.32	4 634.67	4 350.83	4 112.05	4	
1/4	1/4 3397.28	1/4 3091.01	1/4 2783.14	1/4 2475.27	1/4 2167.39	1/4 1859.52	1/4 1551.65	1/4 1243.78	1/4 935.91	1/4 628.39	1/4 345.48	1/4 107.65	1/4	
1/2	1/2 3391.26	1/2 3084.60	1/2 2776.72	1/2 2468.85	1/2 2160.98	1/2 1853.11	1/2 1545.24	1/2 1237.36	1/2 929.49	1/2 622.10	1/2 340.14	1/2 103.24	1/2	
3/4	3/4 3385.25	3/4 3078.18	3/4 2770.31	3/4 2462.44	3/4 2154.57	3/4 1846.69	3/4 1538.82	3/4 1230.95	3/4 923.08	3/4 615.82	3/4 334.79	3/4 98.83	3/4	
5	5 3379.24	5 3071.77	5 2763.90	5 2456.02	5 2148.15	5 1840.28	5 1532.41	5 1224.54	5 916.66	5 609.53	5 329.44	5 94.42	5	
1/4	1/4 3373.23	1/4 3065.35	1/4 2757.48	1/4 2449.61	1/4 2141.74	1/4 1833.87	1/4 1525.99	1/4 1218.12	1/4 910.25	1/4 603.25	1/4 324.10	1/4 90.01	1/4	
1/2	1/2 3366.81	1/2 3058.94	1/2 2751.07	1/2 2443.20	1/2 2135.32	1/2 1827.45	1/2 1519.58	1/2 1211.71	1/2 903.84	1/2 596.96	1/2 318.75	1/2 85.61	1/2	
3/4	3/4 3360.40	3/4 3052.53	3/4 2744.65	3/4 2436.78	3/4 2128.91	3/4 1821.04	3/4 1513.17	3/4 1205.29	3/4 897.42	3/4 590.68	3/4 313.41	3/4 81.20	3/4	
6	6 3353.98	6 3046.11	6 2738.24	6 2430.37	6 2122.50	6 1814.62	6 1506.75	6 1198.88	6 891.01	6 584.39	6 308.06	6 76.79	6	
1/4	1/4 3347.57	1/4 3039.70	1/4 2731.83	1/4 2423.95	1/4 2116.08	1/4 1808.21	1/4 1500.34	1/4 1192.47	1/4 884.59	1/4 578.11	1/4 302.71	1/4 72.38	1/4	
1/2	1/2 3341.16	1/2 3033.28	1/2 2725.41	1/2 2417.54	1/2 2109.67	1/2 1801.80	1/2 1493.92	1/2 1186.05	1/2 878.18	1/2 571.82	1/2 297.37	1/2 67.97	1/2	
3/4	3/4 3334.74	3/4 3026.87	3/4 2719.00	3/4 2411.13	3/4 2103.25	3/4 1795.38	3/4 1487.51	3/4 1179.64	3/4 871.77	3/4 565.54	3/4 292.02	3/4 63.57	3/4	
7	7 3328.33	7 3020.46	7 2712.58	7 2404.71	7 2096.84	7 1788.97	7 1481.10	7 1173.22	7 865.35	7 559.49	7 286.91	7 59.39	7	
1/4	1/4 3321.91	1/4 3014.04	1/4 2706.17	1/4 2398.30	1/4 2090.43	1/4 1782.55	1/4 1474.68	1/4 1166.81	1/4 858.94	1/4 553.44	1/4 281.80	1/4 55.22	1/4	
1/2	1/2 3315.50	1/2 3007.63	1/2 2699.76	1/2 2391.88	1/2 2084.01	1/2 1776.14	1/2 1468.27	1/2 1160.40	1/2 852.52	1/2 547.39	1/2 276.69	1/2 51.04	1/2	
3/4	3/4 3309.09	3/4 3001.21	3/4 2693.34	3/4 2385.47	3/4 2077.60	3/4 1769.73	3/4 1461.85	3/4 1153.98	3/4 846.11	3/4 541.34	3/4 271.58	3/4 46.87	3/4	
8	8 3302.67	8 2994.80	8 2686.93	8 2379.06	8 2071.18	8 1763.31	8 1455.44	8 1147.57	8 839.70	8 535.29	8 266.47	8 43.04	8	
1/4	1/4 3296.26	1/4 2988.39	1/4 2680.51	1/4 2372.64	1/4 2064.77	1/4 1756.90	1/4 1449.03	1/4 1141.15	1/4 833.28	1/4 529.24	1/4 261.36	1/4 39.21	1/4	
1/2	1/2 3289.84	1/2 2981.97	1/2 2674.10	1/2 2366.23	1/2 2058.36	1/2 1750.48	1/2 1442.61	1/2 1134.74	1/2 826.87	1/2 523.19	1/2 256.24	1/2 35.38	1/2	
3/4	3/4 3283.43	3/4 2975.56	3/4 2667.69	3/4 2359.81	3/4 2051.94	3/4 1744.07	3/4 1436.20	3/4 1128.33	3/4 820.45	3/4 517.14	3/4 251.13	3/4 31.55	3/4	
9	9 3277.02	9 2969.14	9 2661.27	9 2353.40	9 2045.53	9 1737.66	9 1429.78	9 1121.91	9 814.04	9 511.09	9 246.02	9 28.40	9	
1/4	3475.84 1/4 3270.60	1/4 2962.73	1/4 2654.86	1/4 2346.99	1/4 2039.11	1/4 1731.24	1/4 1423.37	1/4 1115.50	1/4 807.63	1/4 505.04	1/4 240.91	1/4 25.24	1/4	
1/2	3475.44 1/2 3264.19	1/2 2956.32	1/2 2648.44	1/2 2340.57	1/2 2032.70	1/2 1724.83	1/2 1416.96	1/2 1109.08	1/2 801.21	1/2 498.99	1/2 235.80	1/2 22.09	1/2	
3/4	3475.04 3/4 3257.77	3/4 2949.90	3/4 2642.03	3/4 2334.16	3/4 2026.29	3/4 1718.41	3/4 1410.54	3/4 1102.67	3/4 794.80	3/4 492.94	3/4 230.69	3/4 18.94	3/4	
10	10 3474.64	10 3251.36	10 2943.49	10 2635.62	10 2327.74	10 2019.87	10 1712.00	10 1404.13	10 1096.26	10 788.38	10 487.12	10 225.81	10 16.71	10
1/4	3474.24 1/4 3244.95	1/4 2937.07	1/4 2629.20	1/4 2321.33	1/4 2013.46	1/4 1705.59	1/4 1397.71	1/4 1089.84	1/4 781.97	1/4 481.31	1/4 220.94	1/4 *14.48	1/4	
1/2	3473.04 1/2 3238.53	1/2 2930.66	1/2 2622.79	1/2 2314.92	1/2 2007.04	1/2 1699.17	1/2 1391.30	1/2 1083.43	1/2 775.56	1/2 475.49	1/2 216.06	1/2	1/2	
3/4	3471.84 3/4 3232.12	3/4 2924.25	3/4 2616.37	3/4 2308.50	3/4 2000.63	3/4 1692.76	3/4 1384.89	3/4 1077.01	3/4 769.14	3/4 469.67	3/4 211.18	3/4	3/4	
11	11 3470.64	11 3225.70	11 2917.83	11 2609.96	11 2302.09	11 1994.22	11 1686.34	11 1378.47	11 1070.60	11 762.73	11 463.86	11 206.30	11	
1/4	3469.43 1/4 3219.29	1/4 2911.42	1/4 2603.55	1/4 2295.67	1/4 1987.80	1/4 1679.93	1/4 1372.06	1/4 1064.19	1/4 756.31	1/4 458.04	1/4 201.43	1/4	1/4	
1/2	3467.43 1/2 3212.88	1/2 2905.00	1/2 2597.13	1/2 2289.26	1/2 1981.39	1/2 1673.52	1/2 1365.64	1/2 1057.77	1/2 749.90	1/2 452.23	1/2 196.55	1/2	1/2	
3/4	3465.43 3/4 3206.46	3/4 2898.59	3/4 2590.72	3/4 2282.85	3/4 1974.97	3/4 1667.10	3/4 1359.23	3/4 1051.36	3/4 743.49	3/4 446.41	3/4 191.67	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 6/8/95

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

2 PORT or STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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 3379.00	0 3132.00	0 2843.28	0 2554.56	0 2265.84	0 1977.12	0 1688.40	0 1399.89	0 1111.44	0 822.72	0 534.00	0 245.28	0	
1/4	1/4 3377.12	1/4 3125.99	1/4 2837.27	1/4 2548.55	1/4 2259.83	1/4 1971.11	1/4 1682.39	1/4 1393.89	1/4 1105.43	1/4 816.71	1/4 527.99	1/4 239.27	1/4	
1/2	1/2 3374.49	1/2 3119.97	1/2 2831.25	1/2 2542.53	1/2 2253.81	1/2 1965.09	1/2 1676.37	1/2 1387.88	1/2 1099.41	1/2 810.69	1/2 521.97	1/2 233.25	1/2	
3/4	3/4 3371.86	3/4 3113.96	3/4 2825.24	3/4 2536.52	3/4 2247.80	3/4 1959.08	3/4 1670.36	3/4 1381.88	3/4 1093.40	3/4 804.68	3/4 515.96	3/4 227.24	3/4	
1	1 3369.23	1 3107.94	1 2819.22	1 2530.50	1 2241.78	1 1953.06	1 1664.34	1 1375.87	1 1087.38	1 798.66	1 509.94	1 221.22	1	
1/4	1/4 3366.60	1/4 3101.93	1/4 2813.21	1/4 2524.49	1/4 2235.77	1/4 1947.05	1/4 1658.33	1/4 1369.87	1/4 1081.37	1/4 792.65	1/4 503.93	1/4 215.21	1/4	
1/2	1/2 3363.21	1/2 3095.91	1/2 2807.19	1/2 2518.47	1/2 2229.75	1/2 1941.03	1/2 1652.31	1/2 1363.86	1/2 1075.35	1/2 786.63	1/2 497.91	1/2 209.19	1/2	
3/4	3/4 3359.83	3/4 3089.90	3/4 2801.18	3/4 2512.46	3/4 2223.74	3/4 1935.02	3/4 1646.30	3/4 1357.86	3/4 1069.34	3/4 780.62	3/4 491.90	3/4 203.18	3/4	
2	2 3356.44	2 3083.88	2 2795.16	2 2506.44	2 2217.72	2 1929.00	2 1640.28	2 1351.85	2 1063.32	2 774.60	2 485.88	2 197.23	2	
1/4	1/4 3353.06	1/4 3077.87	1/4 2789.15	1/4 2500.43	1/4 2211.71	1/4 1922.99	1/4 1634.27	1/4 1345.85	1/4 1057.31	1/4 768.59	1/4 479.87	1/4 191.27	1/4	
1/2	1/2 3348.92	1/2 3071.85	1/2 2783.13	1/2 2494.41	1/2 2205.69	1/2 1916.97	1/2 1628.25	1/2 1339.84	1/2 1051.29	1/2 762.57	1/2 473.85	1/2 185.32	1/2	
3/4	3/4 3344.79	3/4 3065.84	3/4 2777.12	3/4 2488.40	3/4 2199.68	3/4 1910.96	3/4 1622.24	3/4 1333.84	3/4 1045.28	3/4 756.56	3/4 467.84	3/4 179.37	3/4	
3	3 3340.65	3 3059.82	3 2771.10	3 2482.38	3 2193.66	3 1904.94	3 1616.22	3 1327.83	3 1039.26	3 750.54	3 461.82	3 173.42	3	
1/4	1/4 3336.52	1/4 3053.81	1/4 2765.09	1/4 2476.37	1/4 2187.65	1/4 1898.93	1/4 1610.21	1/4 1321.83	1/4 1033.25	1/4 744.53	1/4 455.81	1/4 167.47	1/4	
1/2	1/2 3331.63	1/2 3047.79	1/2 2759.07	1/2 2470.35	1/2 2181.63	1/2 1892.91	1/2 1604.19	1/2 1315.82	1/2 1027.23	1/2 738.51	1/2 449.79	1/2 161.51	1/2	
3/4	3/4 3326.74	3/4 3041.78	3/4 2753.06	3/4 2464.34	3/4 2175.62	3/4 1886.90	3/4 1598.18	3/4 1309.82	3/4 1021.22	3/4 732.50	3/4 443.78	3/4 155.56	3/4	
4	4 3321.85	4 3035.76	4 2747.04	4 2458.32	4 2169.60	4 1880.88	4 1592.16	4 1303.81	4 1015.20	4 726.48	4 437.76	4 149.61	4	
1/4	1/4 3316.97	1/4 3029.75	1/4 2741.03	1/4 2452.31	1/4 2163.59	1/4 1874.87	1/4 1586.15	1/4 1297.81	1/4 1009.19	1/4 720.47	1/4 431.75	1/4 143.66	1/4	
1/2	1/2 3311.33	1/2 3023.73	1/2 2735.01	1/2 2446.29	1/2 2157.57	1/2 1868.85	1/2 1580.13	1/2 1291.80	1/2 1003.17	1/2 714.45	1/2 425.73	1/2 137.71	1/2	
3/4	3/4 3305.69	3/4 3017.72	3/4 2729.00	3/4 2440.28	3/4 2151.56	3/4 1862.84	3/4 1574.12	3/4 1285.80	3/4 997.16	3/4 708.44	3/4 419.72	3/4 131.75	3/4	
5	5 3300.05	5 3011.70	5 2722.98	5 2434.26	5 2145.54	5 1856.82	5 1568.10	5 1279.79	5 991.14	5 702.42	5 413.70	5 125.80	5	
1/4	1/4 3294.41	1/4 3005.69	1/4 2716.97	1/4 2428.25	1/4 2139.53	1/4 1850.81	1/4 1562.09	1/4 1273.79	1/4 985.13	1/4 696.41	1/4 407.69	1/4 119.85	1/4	
1/2	1/2 3288.39	1/2 2999.67	1/2 2710.95	1/2 2422.23	1/2 2133.51	1/2 1844.79	1/2 1556.07	1/2 1267.78	1/2 979.11	1/2 690.39	1/2 401.67	1/2 113.90	1/2	
3/4	3/4 3282.38	3/4 2993.66	3/4 2704.94	3/4 2416.22	3/4 2127.50	3/4 1838.78	3/4 1550.06	3/4 1261.78	3/4 973.10	3/4 684.38	3/4 395.66	3/4 107.95	3/4	
6	6 3276.36	6 2987.64	6 2698.92	6 2410.20	6 2121.48	6 1832.76	6 1544.04	6 1255.77	6 967.08	6 678.36	6 389.64	6 101.99	6	
1/4	1/4 3270.35	1/4 2981.63	1/4 2692.91	1/4 2404.19	1/4 2115.47	1/4 1826.75	1/4 1538.03	1/4 1249.77	1/4 961.07	1/4 672.35	1/4 383.63	1/4 96.04	1/4	
1/2	1/2 3264.33	1/2 2975.61	1/2 2686.89	1/2 2398.17	1/2 2109.45	1/2 1820.73	1/2 1532.01	1/2 1243.76	1/2 955.05	1/2 666.33	1/2 377.61	1/2 90.09	1/2	
3/4	3/4 3258.32	3/4 2969.60	3/4 2680.88	3/4 2392.16	3/4 2103.44	3/4 1814.72	3/4 1526.00	3/4 1237.76	3/4 949.04	3/4 660.32	3/4 371.60	3/4 84.14	3/4	
7	7 3252.30	7 2963.58	7 2674.86	7 2386.14	7 2097.42	7 1808.70	7 1519.99	7 1231.74	7 943.02	7 654.30	7 365.58	7 78.19	7	
1/4	1/4 3246.29	1/4 2957.57	1/4 2668.85	1/4 2380.13	1/4 2091.41	1/4 1802.69	1/4 1513.99	1/4 1225.73	1/4 937.01	1/4 648.29	1/4 359.57	1/4 72.23	1/4	
1/2	1/2 3240.27	1/2 2951.55	1/2 2662.83	1/2 2374.11	1/2 2085.39	1/2 1796.67	1/2 1507.98	1/2 1219.71	1/2 930.99	1/2 642.27	1/2 353.55	1/2 66.28	1/2	
3/4	3/4 3234.26	3/4 2945.54	3/4 2656.82	3/4 2368.10	3/4 2079.38	3/4 1790.66	3/4 1501.98	3/4 1213.70	3/4 924.98	3/4 636.26	3/4 347.54	3/4 60.33	3/4	
8	8 3228.24	8 2939.52	8 2650.80	8 2362.08	8 2073.36	8 1784.64	8 1495.97	8 1207.68	8 918.96	8 630.24	8 341.52	8 54.98	8	
1/4	1/4 3222.23	1/4 2933.51	1/4 2644.79	1/4 2356.07	1/4 2067.35	1/4 1778.63	1/4 1489.97	1/4 1201.67	1/4 912.95	1/4 624.23	1/4 335.51	1/4 49.63	1/4	
1/2	1/2 3216.21	1/2 2927.49	1/2 2638.77	1/2 2350.05	1/2 2061.33	1/2 1772.61	1/2 1483.96	1/2 1195.65	1/2 906.93	1/2 618.21	1/2 329.49	1/2 44.28	1/2	
3/4	3/4 3210.20	3/4 2921.48	3/4 2632.76	3/4 2344.04	3/4 2055.32	3/4 1766.60	3/4 1477.96	3/4 1189.64	3/4 900.92	3/4 612.20	3/4 323.48	3/4 38.93	3/4	
9	9 3204.18	9 2915.46	9 2626.74	9 2338.02	9 2049.30	9 1760.58	9 1471.95	9 1183.62	9 894.90	9 606.18	9 317.46	9 34.72	9	
1/4	3390.66	1/4 3198.17	1/4 2909.45	1/4 2620.73	1/4 2332.01	1/4 2043.29	1/4 1754.57	1/4 1465.95	1/4 1177.61	1/4 888.89	1/4 600.17	1/4 311.45	1/4 30.51	1/4
1/2	3390.28	1/2 3192.15	1/2 2903.43	1/2 2614.71	1/2 2325.99	1/2 2037.27	1/2 1748.55	1/2 1459.94	1/2 1171.59	1/2 882.87	1/2 594.15	1/2 305.43	1/2 26.30	1/2
3/4	3389.91	3/4 3186.14	3/4 2897.42	3/4 2608.70	3/4 2319.98	3/4 2031.26	3/4 1742.54	3/4 1453.94	3/4 1165.58	3/4 876.86	3/4 588.14	3/4 299.42	3/4 22.09	3/4
10	10 3389.53	10 3180.12	10 2891.40	10 2602.68	10 2313.96	10 2025.24	10 1736.52	10 1447.93	10 1159.56	10 870.84	10 582.12	10 293.40	10 19.08	10
1/4	3389.16	1/4 3174.11	1/4 2885.39	1/4 2596.67	1/4 2307.95	1/4 2019.23	1/4 1730.51	1/4 1441.93	1/4 1153.55	1/4 864.83	1/4 576.11	1/4 287.39	1/4 16.07	1/4
1/2	3388.03	1/2 3168.09	1/2 2879.37	1/2 2590.65	1/2 2301.93	1/2 2013.21	1/2 1724.49	1/2 1435.92	1/2 1147.53	1/2 858.81	1/2 570.09	1/2 281.37	1/2 *13.07	1/2
3/4	3386.90	3/4 3162.08	3/4 2873.36	3/4 2584.64	3/4 2295.92	3/4 2007.20	3/4 1718.48	3/4 1429.92	3/4 1141.52	3/4 852.80	3/4 564.08	3/4 275.36	3/4	3/4
11	11 3385.77	11 3156.06	11 2867.34	11 2578.62	11 2289.90	11 2001.18	11 1712.46	11 1423.91	11 1135.50	11 846.78	11 558.06	11 269.34	11	
1/4	3384.64	1/4 3150.05	1/4 2861.33	1/4 2572.61	1/4 2283.89	1/4 1995.17	1/4 1706.45	1/4 1417.91	1/4 1129.49	1/4 840.77	1/4 552.05	1/4 263.33	1/4	1/4
1/2	3382.76	1/2 3144.03	1/2 2855.31	1/2 2566.59	1/2 2277.87	1/2 1989.15	1/2 1700.43	1/2 1411.90	1/2 1123.47	1/2 834.75	1/2 546.03	1/2 257.31	1/2	1/2
3/4	3380.88	3/4 3138.02	3/4 2849.30	3/4 2560.58	3/4 2271.86	3/4 1983.14	3/4 1694.42	3/4 1405.90	3/4 1117.46	3/4 828.74	3/4 540.02	3/4 251.30	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 6/8/95

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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 3382.35	0 3135.12	0 2846.11	0 2557.10	0 2268.10	0 1979.09	0 1690.08	0 1401.28	0 1112.54	0 823.54	0 534.53	0 245.52	0	
1/4	1/4 3380.47	1/4 3129.10	1/4 2840.09	1/4 2551.08	1/4 2262.08	1/4 1973.07	1/4 1684.06	1/4 1395.27	1/4 1106.52	1/4 817.52	1/4 528.51	1/4 239.50	1/4	
1/2	1/2 3377.84	1/2 3123.08	1/2 2834.07	1/2 2545.06	1/2 2256.05	1/2 1967.05	1/2 1678.04	1/2 1389.26	1/2 1100.50	1/2 811.49	1/2 522.49	1/2 233.48	1/2	
3/4	3/4 3375.20	3/4 3117.06	3/4 2828.05	3/4 2539.04	3/4 2250.03	3/4 1961.03	3/4 1672.02	3/4 1383.25	3/4 1094.48	3/4 805.47	3/4 516.47	3/4 227.46	3/4	
1	1 3372.57	1 3111.04	1 2822.03	1 2533.02	1 2244.01	1 1955.00	1 1666.00	1 1377.24	1 1088.46	1 799.45	1 510.44	1 221.44	1	
1/4	1/4 3369.93	1/4 3105.02	1/4 2816.01	1/4 2527.00	1/4 2237.99	1/4 1948.98	1/4 1659.98	1/4 1371.23	1/4 1082.44	1/4 793.43	1/4 504.42	1/4 215.42	1/4	
1/2	1/2 3366.55	1/2 3098.99	1/2 2809.99	1/2 2520.98	1/2 2231.97	1/2 1942.96	1/2 1653.95	1/2 1365.22	1/2 1076.42	1/2 787.41	1/2 498.40	1/2 209.39	1/2	
3/4	3/4 3363.16	3/4 3092.97	3/4 2803.97	3/4 2514.96	3/4 2225.95	3/4 1936.94	3/4 1647.93	3/4 1359.21	3/4 1070.40	3/4 781.39	3/4 492.38	3/4 203.37	3/4	
2	2 3359.77	2 3086.95	2 2797.94	2 2508.94	2 2219.93	2 1930.92	2 1641.91	2 1353.19	2 1064.38	2 775.37	2 486.36	2 197.42	2	
1/4	1/4 3356.39	1/4 3080.93	1/4 2791.92	1/4 2502.92	1/4 2213.91	1/4 1924.90	1/4 1635.89	1/4 1347.18	1/4 1058.36	1/4 769.35	1/4 480.34	1/4 191.46	1/4	
1/2	1/2 3352.25	1/2 3074.91	1/2 2785.90	1/2 2496.89	1/2 2207.89	1/2 1918.88	1/2 1629.87	1/2 1341.17	1/2 1052.33	1/2 763.33	1/2 474.32	1/2 185.50	1/2	
3/4	3/4 3348.11	3/4 3068.89	3/4 2779.88	3/4 2490.87	3/4 2201.87	3/4 1912.86	3/4 1623.85	3/4 1335.16	3/4 1046.31	3/4 757.31	3/4 468.30	3/4 179.54	3/4	
3	3 3343.97	3 3062.87	3 2773.86	3 2484.85	3 2195.84	3 1906.84	3 1617.83	3 1329.15	3 1040.29	3 751.28	3 462.28	3 173.58	3	
1/4	1/4 3339.83	1/4 3056.85	1/4 2767.84	1/4 2478.83	1/4 2189.82	1/4 1900.82	1/4 1611.81	1/4 1323.14	1/4 1034.27	1/4 745.26	1/4 456.26	1/4 167.63	1/4	
1/2	1/2 3334.94	1/2 3050.83	1/2 2761.82	1/2 2472.81	1/2 2183.80	1/2 1894.79	1/2 1605.79	1/2 1317.13	1/2 1028.25	1/2 739.24	1/2 450.23	1/2 161.67	1/2	
3/4	3/4 3330.05	3/4 3044.81	3/4 2755.80	3/4 2466.79	3/4 2177.78	3/4 1888.77	3/4 1599.77	3/4 1311.12	3/4 1022.23	3/4 733.22	3/4 444.21	3/4 155.71	3/4	
4	4 3325.16	4 3038.78	4 2749.78	4 2460.77	4 2171.76	4 1882.75	4 1593.74	4 1305.11	4 1016.21	4 727.20	4 438.19	4 149.75	4	
1/4	1/4 3320.27	1/4 3032.76	1/4 2743.76	1/4 2454.75	1/4 2165.74	1/4 1876.73	1/4 1587.72	1/4 1299.10	1/4 1010.19	1/4 721.18	1/4 432.17	1/4 143.79	1/4	
1/2	1/2 3314.62	1/2 3026.74	1/2 2737.73	1/2 2448.73	1/2 2159.72	1/2 1870.71	1/2 1581.70	1/2 1293.08	1/2 1004.17	1/2 715.16	1/2 426.15	1/2 137.84	1/2	
3/4	3/4 3308.98	3/4 3020.72	3/4 2731.71	3/4 2442.71	3/4 2153.70	3/4 1864.69	3/4 1575.68	3/4 1287.07	3/4 998.15	3/4 709.14	3/4 420.13	3/4 131.88	3/4	
5	5 3303.33	5 3014.70	5 2725.69	5 2436.68	5 2147.68	5 1858.67	5 1569.66	5 1281.06	5 992.12	5 703.12	5 414.11	5 125.92	5	
1/4	1/4 3297.69	1/4 3008.68	1/4 2719.67	1/4 2430.66	1/4 2141.66	1/4 1852.65	1/4 1563.64	1/4 1275.05	1/4 986.10	1/4 697.10	1/4 408.09	1/4 119.96	1/4	
1/2	1/2 3291.67	1/2 3002.66	1/2 2713.65	1/2 2424.64	1/2 2135.63	1/2 1846.63	1/2 1557.62	1/2 1269.04	1/2 980.08	1/2 691.07	1/2 402.07	1/2 114.00	1/2	
3/4	3/4 3285.65	3/4 2996.64	3/4 2707.63	3/4 2418.62	3/4 2129.61	3/4 1840.61	3/4 1551.60	3/4 1263.03	3/4 974.06	3/4 685.05	3/4 396.05	3/4 108.05	3/4	
6	6 3279.62	6 2990.62	6 2701.61	6 2412.60	6 2123.59	6 1834.58	6 1545.58	6 1257.02	6 968.04	6 679.03	6 390.02	6 102.09	6	
1/4	1/4 3273.60	1/4 2984.60	1/4 2695.59	1/4 2406.58	1/4 2117.57	1/4 1828.56	1/4 1539.56	1/4 1251.01	1/4 962.02	1/4 673.01	1/4 384.00	1/4 96.13	1/4	
1/2	1/2 3267.58	1/2 2978.57	1/2 2689.57	1/2 2400.56	1/2 2111.55	1/2 1822.54	1/2 1533.53	1/2 1245.00	1/2 956.00	1/2 666.99	1/2 377.98	1/2 90.17	1/2	
3/4	3/4 3261.56	3/4 2972.55	3/4 2683.55	3/4 2394.54	3/4 2105.53	3/4 1816.52	3/4 1527.51	3/4 1238.99	3/4 949.98	3/4 660.97	3/4 371.96	3/4 84.21	3/4	
7	7 3255.54	7 2966.53	7 2677.52	7 2388.52	7 2099.51	7 1810.50	7 1521.50	7 1232.96	7 943.96	7 654.95	7 365.94	7 78.26	7	
1/4	1/4 3249.52	1/4 2960.51	1/4 2671.50	1/4 2382.50	1/4 2093.49	1/4 1804.48	1/4 1515.49	1/4 1226.94	1/4 937.94	1/4 648.93	1/4 359.92	1/4 72.30	1/4	
1/2	1/2 3243.50	1/2 2954.49	1/2 2665.48	1/2 2376.47	1/2 2087.47	1/2 1798.46	1/2 1509.48	1/2 1220.92	1/2 931.91	1/2 642.91	1/2 353.90	1/2 66.34	1/2	
3/4	3/4 3237.48	3/4 2948.47	3/4 2659.46	3/4 2370.45	3/4 2081.45	3/4 1792.44	3/4 1503.47	3/4 1214.90	3/4 925.89	3/4 636.89	3/4 347.88	3/4 60.38	3/4	
8	8 3231.46	8 2942.45	8 2653.44	8 2364.43	8 2075.42	8 1786.42	8 1497.46	8 1208.88	8 919.87	8 630.86	8 341.86	8 55.03	8	
1/4	1/4 3225.44	1/4 2936.43	1/4 2647.42	1/4 2358.41	1/4 2069.40	1/4 1780.40	1/4 1491.45	1/4 1202.86	1/4 913.85	1/4 624.84	1/4 335.84	1/4 49.67	1/4	
1/2	1/2 3219.41	1/2 2930.41	1/2 2641.40	1/2 2352.39	1/2 2063.38	1/2 1774.37	1/2 1485.44	1/2 1196.84	1/2 907.83	1/2 618.82	1/2 329.81	1/2 44.32	1/2	
3/4	3/4 3213.39	3/4 2924.39	3/4 2635.38	3/4 2346.37	3/4 2057.36	3/4 1768.35	3/4 1479.43	3/4 1190.82	3/4 901.81	3/4 612.80	3/4 323.79	3/4 38.96	3/4	
9	9 3207.37	9 2918.36	9 2629.36	9 2340.35	9 2051.34	9 1762.33	9 1473.41	9 1184.80	9 895.79	9 606.78	9 317.77	9 34.75	9	
1/4	3394.02	1/4 3201.35	1/4 2912.34	1/4 2623.34	1/4 2334.33	1/4 2045.32	1/4 1756.31	1/4 1467.40	1/4 1178.78	1/4 889.77	1/4 600.76	1/4 311.75	1/4 30.53	1/4
1/2	3393.64	1/2 3195.33	1/2 2906.32	1/2 2617.31	1/2 2328.31	1/2 2039.30	1/2 1750.29	1/2 1461.39	1/2 1172.75	1/2 883.75	1/2 594.74	1/2 305.73	1/2 26.32	1/2
3/4	3393.26	3/4 3189.31	3/4 2900.30	3/4 2611.29	3/4 2322.29	3/4 2033.28	3/4 1744.27	3/4 1455.38	3/4 1166.73	3/4 877.73	3/4 588.72	3/4 299.71	3/4 22.11	3/4
10	10 3392.89	10 3183.29	10 2894.28	10 2605.27	10 2316.26	10 2027.26	10 1738.25	10 1449.37	10 1160.71	10 871.70	10 582.70	10 293.69	10 19.10	10
1/4	3392.51	1/4 3177.27	1/4 2888.26	1/4 2599.25	1/4 2310.24	1/4 2021.24	1/4 1732.23	1/4 1443.36	1/4 1154.69	1/4 865.68	1/4 576.68	1/4 287.67	1/4 *16.09	1/4
1/2	3391.38	1/2 3171.25	1/2 2882.24	1/2 2593.23	1/2 2304.22	1/2 2015.21	1/2 1726.21	1/2 1437.35	1/2 1148.67	1/2 859.66	1/2 570.65	1/2 281.65	1/2	1/2
3/4	3390.25	3/4 3165.23	3/4 2876.22	3/4 2587.21	3/4 2298.20	3/4 2009.19	3/4 1720.19	3/4 1431.34	3/4 1142.65	3/4 853.64	3/4 564.63	3/4 275.63	3/4	3/4
11	11 3389.12	11 3159.20	11 2870.20	11 2581.19	11 2292.18	11 2003.17	11 1714.16	11 1425.33	11 1136.63	11 847.62	11 558.61	11 269.60	11	
1/4	3388.00	1/4 3153.18	1/4 2864.18	1/4 2575.17	1/4 2286.16	1/4 1997.15	1/4 1708.14	1/4 1419.32	1/4 1130.61	1/4 841.60	1/4 552.59	1/4 263.58	1/4	1/4
1/2	3386.11	1/2 3147.16	1/2 2858.15	1/2 2569.15	1/2 2280.14	1/2 1991.13	1/2 1702.12	1/2 1413.30	1/2 1124.59	1/2 835.58	1/2 546.57	1/2 257.56	1/2	1/2
3/4	3384.23	3/4 3141.14	3/4 2852.13	3/4 2563.13	3/4 2274.12	3/4 1985.11	3/4 1696.10	3/4 1407.29	3/4 1118.57	3/4 829.56	3/4 540.55	3/4 251.54	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 6/8/95

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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 3382.35	0 3135.12	0 2846.11	0 2557.10	0 2268.10	0 1979.09	0 1690.08	0 1401.28	0 1112.54	0 823.54	0 534.53	0 245.52	0	
1/4	1/4 3380.47	1/4 3129.10	1/4 2840.09	1/4 2551.08	1/4 2262.08	1/4 1973.07	1/4 1684.06	1/4 1395.27	1/4 1106.52	1/4 817.52	1/4 528.51	1/4 239.50	1/4	
1/2	1/2 3377.84	1/2 3123.08	1/2 2834.07	1/2 2545.06	1/2 2256.05	1/2 1967.05	1/2 1678.04	1/2 1389.26	1/2 1100.50	1/2 811.49	1/2 522.49	1/2 233.48	1/2	
3/4	3/4 3375.20	3/4 3117.06	3/4 2828.05	3/4 2539.04	3/4 2250.03	3/4 1961.03	3/4 1672.02	3/4 1383.25	3/4 1094.48	3/4 805.47	3/4 516.47	3/4 227.46	3/4	
1	1 3372.57	1 3111.04	1 2822.03	1 2533.02	1 2244.01	1 1955.00	1 1666.00	1 1377.24	1 1088.46	1 799.45	1 510.44	1 221.44	1	
1/4	1/4 3369.93	1/4 3105.02	1/4 2816.01	1/4 2527.00	1/4 2237.99	1/4 1948.98	1/4 1659.98	1/4 1371.23	1/4 1082.44	1/4 793.43	1/4 504.42	1/4 215.42	1/4	
1/2	1/2 3366.55	1/2 3098.99	1/2 2809.99	1/2 2520.98	1/2 2231.97	1/2 1942.96	1/2 1653.95	1/2 1365.22	1/2 1076.42	1/2 787.41	1/2 498.40	1/2 209.39	1/2	
3/4	3/4 3363.16	3/4 3092.97	3/4 2803.97	3/4 2514.96	3/4 2225.95	3/4 1936.94	3/4 1647.93	3/4 1359.21	3/4 1070.40	3/4 781.39	3/4 492.38	3/4 203.37	3/4	
2	2 3359.77	2 3086.95	2 2797.94	2 2508.94	2 2219.93	2 1930.92	2 1641.91	2 1353.19	2 1064.38	2 775.37	2 486.36	2 197.42	2	
1/4	1/4 3356.39	1/4 3080.93	1/4 2791.92	1/4 2502.92	1/4 2213.91	1/4 1924.90	1/4 1635.89	1/4 1347.18	1/4 1058.36	1/4 769.35	1/4 480.34	1/4 191.46	1/4	
1/2	1/2 3352.25	1/2 3074.91	1/2 2785.90	1/2 2496.89	1/2 2207.89	1/2 1918.88	1/2 1629.87	1/2 1341.17	1/2 1052.33	1/2 763.33	1/2 474.32	1/2 185.50	1/2	
3/4	3/4 3348.11	3/4 3068.89	3/4 2779.88	3/4 2490.87	3/4 2201.87	3/4 1912.86	3/4 1623.85	3/4 1335.16	3/4 1046.31	3/4 757.31	3/4 468.30	3/4 179.54	3/4	
3	3 3343.97	3 3062.87	3 2773.86	3 2484.85	3 2195.84	3 1906.84	3 1617.83	3 1329.15	3 1040.29	3 751.28	3 462.28	3 173.58	3	
1/4	1/4 3339.83	1/4 3056.85	1/4 2767.84	1/4 2478.83	1/4 2189.82	1/4 1900.82	1/4 1611.81	1/4 1323.14	1/4 1034.27	1/4 745.26	1/4 456.26	1/4 167.63	1/4	
1/2	1/2 3334.94	1/2 3050.83	1/2 2761.82	1/2 2472.81	1/2 2183.80	1/2 1894.79	1/2 1605.79	1/2 1317.13	1/2 1028.25	1/2 739.24	1/2 450.23	1/2 161.67	1/2	
3/4	3/4 3330.05	3/4 3044.81	3/4 2755.80	3/4 2466.79	3/4 2177.78	3/4 1888.77	3/4 1599.77	3/4 1311.12	3/4 1022.23	3/4 733.22	3/4 444.21	3/4 155.71	3/4	
4	4 3325.16	4 3038.78	4 2749.78	4 2460.77	4 2171.76	4 1882.75	4 1593.74	4 1305.11	4 1016.21	4 727.20	4 438.19	4 149.75	4	
1/4	1/4 3320.27	1/4 3032.76	1/4 2743.76	1/4 2454.75	1/4 2165.74	1/4 1876.73	1/4 1587.72	1/4 1299.10	1/4 1010.19	1/4 721.18	1/4 432.17	1/4 143.79	1/4	
1/2	1/2 3314.62	1/2 3026.74	1/2 2737.73	1/2 2448.73	1/2 2159.72	1/2 1870.71	1/2 1581.70	1/2 1293.08	1/2 1004.17	1/2 715.16	1/2 426.15	1/2 137.84	1/2	
3/4	3/4 3308.98	3/4 3020.72	3/4 2731.71	3/4 2442.71	3/4 2153.70	3/4 1864.69	3/4 1575.68	3/4 1287.07	3/4 998.15	3/4 709.14	3/4 420.13	3/4 131.88	3/4	
5	5 3303.33	5 3014.70	5 2725.69	5 2436.68	5 2147.68	5 1858.67	5 1569.66	5 1281.06	5 992.12	5 703.12	5 414.11	5 125.92	5	
1/4	1/4 3297.69	1/4 3008.68	1/4 2719.67	1/4 2430.66	1/4 2141.66	1/4 1852.65	1/4 1563.64	1/4 1275.05	1/4 986.10	1/4 697.10	1/4 408.09	1/4 119.96	1/4	
1/2	1/2 3291.67	1/2 3002.66	1/2 2713.65	1/2 2424.64	1/2 2135.63	1/2 1846.63	1/2 1557.62	1/2 1269.04	1/2 980.08	1/2 691.07	1/2 402.07	1/2 114.00	1/2	
3/4	3/4 3285.65	3/4 2996.64	3/4 2707.63	3/4 2418.62	3/4 2129.61	3/4 1840.61	3/4 1551.60	3/4 1263.03	3/4 974.06	3/4 685.05	3/4 396.05	3/4 108.05	3/4	
6	6 3279.62	6 2990.62	6 2701.61	6 2412.60	6 2123.59	6 1834.58	6 1545.58	6 1257.02	6 968.04	6 679.03	6 390.02	6 102.09	6	
1/4	1/4 3273.60	1/4 2984.60	1/4 2695.59	1/4 2406.58	1/4 2117.57	1/4 1828.56	1/4 1539.56	1/4 1251.01	1/4 962.02	1/4 673.01	1/4 384.00	1/4 96.13	1/4	
1/2	1/2 3267.58	1/2 2978.57	1/2 2689.57	1/2 2400.56	1/2 2111.55	1/2 1822.54	1/2 1533.53	1/2 1245.00	1/2 956.00	1/2 666.99	1/2 377.98	1/2 90.17	1/2	
3/4	3/4 3261.56	3/4 2972.55	3/4 2683.55	3/4 2394.54	3/4 2105.53	3/4 1816.52	3/4 1527.51	3/4 1238.99	3/4 949.98	3/4 660.97	3/4 371.96	3/4 84.21	3/4	
7	7 3255.54	7 2966.53	7 2677.52	7 2388.52	7 2099.51	7 1810.50	7 1521.50	7 1232.96	7 943.96	7 654.95	7 365.94	7 78.26	7	
1/4	1/4 3249.52	1/4 2960.51	1/4 2671.50	1/4 2382.50	1/4 2093.49	1/4 1804.48	1/4 1515.49	1/4 1226.94	1/4 937.94	1/4 648.93	1/4 359.92	1/4 72.30	1/4	
1/2	1/2 3243.50	1/2 2954.49	1/2 2665.48	1/2 2376.47	1/2 2087.47	1/2 1798.46	1/2 1509.48	1/2 1220.92	1/2 931.91	1/2 642.91	1/2 353.90	1/2 66.34	1/2	
3/4	3/4 3237.48	3/4 2948.47	3/4 2659.46	3/4 2370.45	3/4 2081.45	3/4 1792.44	3/4 1503.47	3/4 1214.90	3/4 925.89	3/4 636.89	3/4 347.88	3/4 60.38	3/4	
8	8 3231.46	8 2942.45	8 2653.44	8 2364.43	8 2075.42	8 1786.42	8 1497.46	8 1208.88	8 919.87	8 630.86	8 341.86	8 55.03	8	
1/4	1/4 3225.44	1/4 2936.43	1/4 2647.42	1/4 2358.41	1/4 2069.40	1/4 1780.40	1/4 1491.45	1/4 1202.86	1/4 913.85	1/4 624.84	1/4 335.84	1/4 49.67	1/4	
1/2	1/2 3219.41	1/2 2930.41	1/2 2641.40	1/2 2352.39	1/2 2063.38	1/2 1774.37	1/2 1485.44	1/2 1196.84	1/2 907.83	1/2 618.82	1/2 329.81	1/2 44.32	1/2	
3/4	3/4 3213.39	3/4 2924.39	3/4 2635.38	3/4 2346.37	3/4 2057.36	3/4 1768.35	3/4 1479.43	3/4 1190.82	3/4 901.81	3/4 612.80	3/4 323.79	3/4 38.96	3/4	
9	9 3207.37	9 2918.36	9 2629.36	9 2340.35	9 2051.34	9 1762.33	9 1473.41	9 1184.80	9 895.79	9 606.78	9 317.77	9 34.75	9	
1/4	3394.02	1/4 3201.35	1/4 2912.34	1/4 2623.34	1/4 2334.33	1/4 2045.32	1/4 1756.31	1/4 1467.40	1/4 1178.78	1/4 889.77	1/4 600.76	1/4 311.75	1/4 30.53	1/4
1/2	3393.64	1/2 3195.33	1/2 2906.32	1/2 2617.31	1/2 2328.31	1/2 2039.30	1/2 1750.29	1/2 1461.39	1/2 1172.75	1/2 883.75	1/2 594.74	1/2 305.73	1/2 26.32	1/2
3/4	3393.26	3/4 3189.31	3/4 2900.30	3/4 2611.29	3/4 2322.29	3/4 2033.28	3/4 1744.27	3/4 1455.38	3/4 1166.73	3/4 877.73	3/4 588.72	3/4 299.71	3/4 22.11	3/4
10	10 3392.89	10 3183.29	10 2894.28	10 2605.27	10 2316.26	10 2027.26	10 1738.25	10 1449.37	10 1160.71	10 871.70	10 582.70	10 293.69	10 19.10	10
1/4	3392.51	1/4 3177.27	1/4 2888.26	1/4 2599.25	1/4 2310.24	1/4 2021.24	1/4 1732.23	1/4 1443.36	1/4 1154.69	1/4 865.68	1/4 576.68	1/4 287.67	1/4 16.09	1/4
1/2	3391.38	1/2 3171.25	1/2 2882.24	1/2 2593.23	1/2 2304.22	1/2 2015.21	1/2 1726.21	1/2 1437.35	1/2 1148.67	1/2 859.66	1/2 570.65	1/2 281.65	1/2 *13.08	1/2
3/4	3390.25	3/4 3165.23	3/4 2876.22	3/4 2587.21	3/4 2298.20	3/4 2009.19	3/4 1720.19	3/4 1431.34	3/4 1142.65	3/4 853.64	3/4 564.63	3/4 275.63	3/4	3/4
11	11 3389.12	11 3159.20	11 2870.20	11 2581.19	11 2292.18	11 2003.17	11 1714.16	11 1425.33	11 1136.63	11 847.62	11 558.61	11 269.60	11	
1/4	3388.00	1/4 3153.18	1/4 2864.18	1/4 2575.17	1/4 2286.16	1/4 1997.15	1/4 1708.14	1/4 1419.32	1/4 1130.61	1/4 841.60	1/4 552.59	1/4 263.58	1/4	1/4
1/2	3386.11	1/2 3147.16	1/2 2858.15	1/2 2569.15	1/2 2280.14	1/2 1991.13	1/2 1702.12	1/2 1413.30	1/2 1124.59	1/2 835.58	1/2 546.57	1/2 257.56	1/2	1/2
3/4	3384.23	3/4 3141.14	3/4 2852.13	3/4 2563.13	3/4 2274.12	3/4 1985.11	3/4 1696.10	3/4 1407.29	3/4 1118.57	3/4 829.56	3/4 540.55	3/4 251.54	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 6/8/95

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL 4173

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0		0	2621.02	0	2590.20	0	2452.90	0	2201.39	0	1938.98	0	1676.56	0	1414.14	0	1152.16	0	889.79	0	627.38	0	364.96	0	103.49	0		0
1/4		1/4	2620.38	1/4	2589.56	1/4	2448.99	1/4	2195.93	1/4	1933.51	1/4	1671.09	1/4	1408.68	1/4	1146.70	1/4	884.33	1/4	621.91	1/4	359.49	1/4	98.09	1/4		1/4
1/2		1/2	2619.73	1/2	2588.92	1/2	2445.08	1/2	2190.46	1/2	1928.04	1/2	1665.63	1/2	1403.21	1/2	1141.24	1/2	878.86	1/2	616.44	1/2	354.03	1/2	92.68	1/2		1/2
3/4		3/4	2619.09	3/4	2588.28	3/4	2441.17	3/4	2184.99	3/4	1922.58	3/4	1660.16	3/4	1397.74	3/4	1135.79	3/4	873.39	3/4	610.98	3/4	348.56	3/4	87.28	3/4		3/4
1		1	2618.45	1	2587.46	1	2437.26	1	2179.52	1	1917.11	1	1654.69	1	1392.28	1	1130.33	1	867.92	1	605.51	1	343.09	1	81.87	1		1
1/4		1/4	2617.81	1/4	2586.65	1/4	2433.36	1/4	2174.06	1/4	1911.64	1/4	1649.23	1/4	1386.81	1/4	1124.87	1/4	862.46	1/4	600.04	1/4	337.63	1/4	76.47	1/4		1/4
1/2		1/2	2617.17	1/2	2585.84	1/2	2429.45	1/2	2168.59	1/2	1906.17	1/2	1643.76	1/2	1381.35	1/2	1119.41	1/2	856.99	1/2	594.57	1/2	332.16	1/2	71.07	1/2		1/2
3/4		3/4	2616.52	3/4	2585.03	3/4	2425.54	3/4	2163.12	3/4	1900.71	3/4	1638.29	3/4	1113.94	3/4	1113.94	3/4	851.52	3/4	589.11	3/4	326.69	3/4	65.66	3/4		3/4
2		2	2615.88	2	2583.87	2	2420.07	2	2157.66	2	1895.24	2	1632.82	2	1370.44	2	1108.47	2	846.06	2	583.64	2	321.22	2	60.26	2		2
1/4		1/4	2615.24	1/4	2582.72	1/4	2414.61	1/4	2152.19	1/4	1889.77	1/4	1627.36	1/4	1364.98	1/4	1103.01	1/4	840.59	1/4	578.17	1/4	315.76	1/4	54.85	1/4		1/4
1/2		1/2	2614.60	1/2	2581.57	1/2	2409.14	1/2	2146.72	1/2	1884.31	1/2	1621.89	1/2	1359.52	1/2	1097.54	1/2	835.12	1/2	572.71	1/2	310.29	1/2	50.00	1/2		1/2
3/4		3/4	2613.96	3/4	2580.42	3/4	2403.67	3/4	2141.26	3/4	1878.84	3/4	1616.42	3/4	1354.07	3/4	1092.07	3/4	829.66	3/4	567.24	3/4	304.82	3/4	45.14	3/4		3/4
3		3	2613.31	3	2578.92	3	2398.20	3	2135.79	3	1873.37	3	1610.96	3	1348.61	3	1086.60	3	824.19	3	561.77	3	299.36	3	40.28	3		3
1/4		1/4	2612.67	1/4	2577.43	1/4	2392.74	1/4	2130.32	1/4	1867.91	1/4	1605.49	1/4	1343.15	1/4	1081.14	1/4	818.72	1/4	556.31	1/4	293.89	1/4	*35.42	1/4		1/4
1/2		1/2	2612.03	1/2	2575.78	1/2	2387.27	1/2	2124.85	1/2	1862.44	1/2	1600.02	1/2	1337.70	1/2	1075.67	1/2	813.25	1/2	550.84	1/2	288.42	1/2		1/2		1/2
3/4	2631.92	3/4	2611.39	3/4	2574.13	3/4	2381.80	3/4	2119.39	3/4	1856.97	3/4	1594.56	3/4	1332.24	3/4	1070.20	3/4	807.79	3/4	545.37	3/4	282.96	3/4		3/4		3/4
4	2631.88	4	2610.75	4	2571.67	4	2376.34	4	2113.92	4	1851.50	4	1589.09	4	1326.78	4	1064.74	4	802.32	4	539.90	4	277.49	4		4		4
1/4	2631.84	1/4	2610.10	1/4	2569.21	1/4	2370.87	1/4	2108.45	1/4	1846.04	1/4	1583.62	1/4	1321.33	1/4	1059.27	1/4	796.85	1/4	534.44	1/4	272.02	1/4		1/4		1/4
1/2	2631.80	1/2	2609.46	1/2	2566.75	1/2	2365.40	1/2	2102.99	1/2	1840.57	1/2	1578.15	1/2	1315.87	1/2	1053.80	1/2	791.39	1/2	528.97	1/2	266.55	1/2		1/2		1/2
3/4	2631.76	3/4	2608.82	3/4	2564.29	3/4	2359.94	3/4	2097.52	3/4	1835.10	3/4	1572.69	3/4	1310.41	3/4	1048.34	3/4	785.92	3/4	523.50	3/4	261.09	3/4		3/4		3/4
5	2631.64	5	2608.18	5	2560.87	5	2354.47	5	2092.05	5	1829.64	5	1567.22	5	1304.95	5	1042.87	5	780.45	5	518.04	5	255.62	5		5		5
1/4	2631.52	1/4	2607.54	1/4	2557.44	1/4	2349.00	1/4	2086.59	1/4	1824.17	1/4	1561.75	1/4	1299.50	1/4	1037.40	1/4	774.99	1/4	512.57	1/4	250.15	1/4		1/4		1/4
1/2	2631.40	1/2	2606.89	1/2	2554.02	1/2	2343.53	1/2	2081.12	1/2	1818.70	1/2	1556.29	1/2	1294.04	1/2	1031.93	1/2	769.52	1/2	507.10	1/2	244.69	1/2		1/2		1/2
3/4	2631.28	3/4	2606.25	3/4	2550.60	3/4	2338.07	3/4	2075.65	3/4	1813.24	3/4	1550.82	3/4	1288.58	3/4	1026.47	3/4	764.05	3/4	501.64	3/4	239.22	3/4		3/4		3/4
6	2631.08	6	2605.61	6	2546.69	6	2332.60	6	2070.18	6	1807.77	6	1545.35	6	1283.13	6	1021.00	6	758.58	6	496.17	6	233.75	6		6		6
1/4	2630.88	1/4	2604.97	1/4	2542.78	1/4	2327.13	1/4	2064.72	1/4	1802.30	1/4	1539.89	1/4	1277.67	1/4	1015.53	1/4	753.12	1/4	490.70	1/4	228.29	1/4		1/4		1/4
1/2	2630.68	1/2	2604.33	1/2	2538.87	1/2	2321.67	1/2	2059.25	1/2	1796.83	1/2	1534.42	1/2	1272.21	1/2	1010.07	1/2	747.65	1/2	485.23	1/2	222.82	1/2		1/2		1/2
3/4	2630.48	3/4	2603.68	3/4	2534.96	3/4	2316.20	3/4	2053.78	3/4	1791.37	3/4	1528.95	3/4	1266.76	3/4	1004.60	3/4	742.18	3/4	479.77	3/4	217.35	3/4		3/4		3/4
7	2630.20	7	2603.04	7	2531.06	7	2310.73	7	2048.32	7	1785.90	7	1523.48	7	1261.30	7	999.13	7	736.72	7	474.30	7	211.88	7		7		7
1/4	2629.92	1/4	2602.40	1/4	2527.15	1/4	2305.27	1/4	2042.85	1/4	1780.43	1/4	1518.02	1/4	1255.84	1/4	993.67	1/4	731.25	1/4	468.83	1/4	206.42	1/4		1/4		1/4
1/2	2629.64	1/2	2601.76	1/2	2523.24	1/2	2299.80	1/2	2037.38	1/2	1774.97	1/2	1512.55	1/2	1250.38	1/2	988.20	1/2	725.78	1/2	463.37	1/2	200.95	1/2		1/2		1/2
3/4	2629.36	3/4	2601.12	3/4	2519.33	3/4	2294.33	3/4	2031.92	3/4	1769.50	3/4	1507.08	3/4	1244.93	3/4	982.73	3/4	720.32	3/4	457.90	3/4	195.48	3/4		3/4		3/4
8	2629.00	8	2600.47	8	2515.42	8	2288.86	8	2026.45	8	1764.03	8	1501.62	8	1239.47	8	977.26	8	714.85	8	452.43	8	190.02	8		8		8
1/4	2628.64	1/4	2599.83	1/4	2511.52	1/4	2283.40	1/4	2020.98	1/4	1758.57	1/4	1496.15	1/4	1234.01	1/4	971.80	1/4	709.38	1/4	446.97	1/4	184.55	1/4		1/4		1/4
1/2	2628.28	1/2	2599.19	1/2	2507.61	1/2	2277.93	1/2	2015.51	1/2	1753.10	1/2	1490.68	1/2	1228.56	1/2	966.33	1/2	703.91	1/2	441.50	1/2	179.15	1/2		1/2		1/2
3/4	2627.92	3/4	2598.55	3/4	2503.70	3/4	2272.46	3/4	2010.05	3/4	1747.63	3/4	1485.22	3/4	1223.10	3/4	960.86	3/4	698.45	3/4	436.03	3/4	173.74	3/4		3/4		3/4
9	2627.48	9	2597.91	9	2499.79	9	2267.00	9	2004.58	9	1742.16	9	1479.75	9	1217.64	9	955.40	9	692.98	9	430.56	9	168.34	9		9		9
1/4	2627.04	1/4	2597.26	1/4	2495.88	1/4	2261.53	1/4	1999.11	1/4	1736.70	1/4	1474.28	1/4	1212.19	1/4	949.93	1/4	687.51									

MAGNOLIA MARINE - BARGE "MM 52"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 STAR

HULL 4173

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		FEET		
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.
0		0	2619.09	0	2588.28	0	2441.17	0	2184.99	0	1922.58	0	1660.16	0	1397.74	0	1135.79	0	873.39	0	610.98	0	348.56	0	87.28	0		
1/4		1/4	2618.45	1/4	2587.46	1/4	2437.26	1/4	2179.52	1/4	1917.11	1/4	1654.69	1/4	1392.28	1/4	1130.33	1/4	867.92	1/4	605.51	1/4	343.09	1/4	81.87	1/4		
1/2		1/2	2617.81	1/2	2586.65	1/2	2433.36	1/2	2174.06	1/2	1911.64	1/2	1649.23	1/2	1386.81	1/2	1124.87	1/2	862.46	1/2	600.04	1/2	337.63	1/2	76.47	1/2		
3/4		3/4	2617.17	3/4	2585.84	3/4	2429.45	3/4	2168.59	3/4	1906.17	3/4	1643.76	3/4	1381.35	3/4	1119.41	3/4	856.99	3/4	594.57	3/4	332.16	3/4	71.07	3/4		
1		1	2616.52	1	2585.03	1	2425.54	1	2163.12	1	1900.71	1	1638.29	1	1375.90	1	1113.94	1	851.52	1	589.11	1	326.69	1	65.66	1		
1/4		1/4	2615.88	1/4	2583.87	1/4	2420.07	1/4	2157.66	1/4	1895.24	1/4	1632.82	1/4	1370.44	1/4	1108.47	1/4	846.06	1/4	583.64	1/4	321.22	1/4	60.26	1/4		
1/2		1/2	2615.24	1/2	2582.72	1/2	2414.61	1/2	2152.19	1/2	1889.77	1/2	1627.36	1/2	1364.98	1/2	1103.01	1/2	840.59	1/2	578.17	1/2	315.76	1/2	54.85	1/2		
3/4		3/4	2614.60	3/4	2581.57	3/4	2409.14	3/4	2146.72	3/4	1884.31	3/4	1621.89	3/4	1359.52	3/4	1097.54	3/4	835.12	3/4	572.71	3/4	310.29	3/4	50.00	3/4		
2		2	2613.96	2	2580.42	2	2403.67	2	2141.26	2	1878.84	2	1616.42	2	1354.07	2	1092.07	2	829.66	2	567.24	2	304.82	2	45.14	2		
1/4		1/4	2613.31	1/4	2578.92	1/4	2398.20	1/4	2135.79	1/4	1873.37	1/4	1610.96	1/4	1348.61	1/4	1086.60	1/4	824.19	1/4	561.77	1/4	299.36	1/4	40.28	1/4		
1/2		1/2	2612.67	1/2	2577.43	1/2	2392.74	1/2	2130.32	1/2	1867.91	1/2	1605.49	1/2	1343.15	1/2	1081.14	1/2	818.72	1/2	556.31	1/2	293.89	1/2	*35.42	1/2		
3/4		3/4	2612.03	3/4	2575.78	3/4	2387.27	3/4	2124.85	3/4	1862.44	3/4	1600.02	3/4	1337.70	3/4	1075.67	3/4	813.25	3/4	550.84	3/4	288.42	3/4		3/4		
3	2631.92	3	2611.39	3	2574.13	3	2381.80	3	2119.39	3	1856.97	3	1594.56	3	1332.24	3	1070.20	3	807.79	3	545.37	3	282.96	3		3		
1/4	2631.88	1/4	2610.75	1/4	2571.67	1/4	2376.34	1/4	2113.92	1/4	1851.50	1/4	1589.09	1/4	1326.78	1/4	1064.74	1/4	802.32	1/4	539.90	1/4	277.49	1/4		1/4		
1/2	2631.84	1/2	2610.10	1/2	2569.21	1/2	2370.87	1/2	2108.45	1/2	1846.04	1/2	1583.62	1/2	1321.33	1/2	1059.27	1/2	796.85	1/2	534.44	1/2	272.02	1/2		1/2		
3/4	2631.80	3/4	2609.46	3/4	2566.75	3/4	2365.40	3/4	2102.99	3/4	1840.57	3/4	1578.15	3/4	1315.87	3/4	1053.80	3/4	791.39	3/4	528.97	3/4	266.55	3/4		3/4		
4	2631.76	4	2608.82	4	2564.29	4	2359.94	4	2097.52	4	1835.10	4	1572.69	4	1310.41	4	1048.34	4	785.92	4	523.50	4	261.09	4		4		
1/4	2631.64	1/4	2608.18	1/4	2560.87	1/4	2354.47	1/4	2092.05	1/4	1829.64	1/4	1567.22	1/4	1304.95	1/4	1042.87	1/4	780.45	1/4	518.04	1/4	255.62	1/4		1/4		
1/2	2631.52	1/2	2607.54	1/2	2557.44	1/2	2349.00	1/2	2086.59	1/2	1824.17	1/2	1561.75	1/2	1299.50	1/2	1037.40	1/2	774.99	1/2	512.57	1/2	250.15	1/2		1/2		
3/4	2631.40	3/4	2606.89	3/4	2554.02	3/4	2343.53	3/4	2081.12	3/4	1818.70	3/4	1556.29	3/4	1294.04	3/4	1031.93	3/4	769.52	3/4	507.10	3/4	244.69	3/4		3/4		
5	2631.28	5	2606.25	5	2550.60	5	2338.07	5	2075.65	5	1813.24	5	1550.82	5	1288.58	5	1026.47	5	764.05	5	501.64	5	239.22	5		5		
1/4	2631.08	1/4	2605.61	1/4	2546.69	1/4	2332.60	1/4	2070.18	1/4	1807.77	1/4	1545.35	1/4	1283.13	1/4	1021.00	1/4	758.58	1/4	496.17	1/4	233.75	1/4		1/4		
1/2	2630.88	1/2	2604.97	1/2	2542.78	1/2	2327.13	1/2	2064.72	1/2	1802.30	1/2	1539.89	1/2	1277.67	1/2	1015.53	1/2	753.12	1/2	490.70	1/2	228.29	1/2		1/2		
3/4	2630.68	3/4	2604.33	3/4	2538.87	3/4	2321.67	3/4	2059.25	3/4	1796.83	3/4	1534.42	3/4	1272.21	3/4	1010.07	3/4	747.65	3/4	485.23	3/4	222.82	3/4		3/4		
6	2630.48	6	2603.68	6	2534.96	6	2316.20	6	2053.78	6	1791.37	6	1528.95	6	1266.76	6	1004.60	6	742.18	6	479.77	6	217.35	6		6		
1/4	2630.20	1/4	2603.04	1/4	2531.06	1/4	2310.73	1/4	2048.32	1/4	1785.90	1/4	1523.48	1/4	1261.30	1/4	999.13	1/4	736.72	1/4	474.30	1/4	211.88	1/4		1/4		
1/2	2629.92	1/2	2602.40	1/2	2527.15	1/2	2305.27	1/2	2042.85	1/2	1780.43	1/2	1518.02	1/2	1255.84	1/2	993.67	1/2	731.25	1/2	468.83	1/2	206.42	1/2		1/2		
3/4	2629.64	3/4	2601.76	3/4	2523.24	3/4	2299.80	3/4	2037.38	3/4	1774.97	3/4	1512.55	3/4	1250.38	3/4	988.20	3/4	725.78	3/4	463.37	3/4	200.95	3/4		3/4		
7	2629.36	7	2601.12	7	2519.33	7	2294.33	7	2031.92	7	1769.50	7	1507.08	7	1244.93	7	982.73	7	720.32	7	457.90	7	195.48	7		7		
1/4	2629.00	1/4	2600.47	1/4	2515.42	1/4	2288.86	1/4	2026.45	1/4	1764.03	1/4	1501.62	1/4	1239.47	1/4	977.26	1/4	714.85	1/4	452.43	1/4	190.02	1/4		1/4		
1/2	2628.64	1/2	2599.83	1/2	2511.52	1/2	2283.40	1/2	2020.98	1/2	1758.57	1/2	1496.15	1/2	1234.01	1/2	971.80	1/2	709.38	1/2	446.97	1/2	184.55	1/2		1/2		
3/4	2628.28	3/4	2599.19	3/4	2507.61	3/4	2277.93	3/4	2015.51	3/4	1753.10	3/4	1490.68	3/4	1228.56	3/4	966.33	3/4	703.91	3/4	441.50	3/4	179.15	3/4		3/4		
8	2627.92	8	2598.55	8	2503.70	8	2272.46	8	2010.05	8	1747.63	8	1485.22	8	1223.10	8	960.86	8	698.45	8	436.03	8	173.74	8		8		
1/4	2627.48	1/4	2597.91	1/4	2499.79	1/4	2267.00	1/4	2004.58	1/4	1742.16	1/4	1479.75	1/4	1217.64	1/4	955.40	1/4	692.98	1/4	430.56	1/4	168.34	1/4		1/4		
1/2	2627.04	1/2	2597.26	1/2	2495.88	1/2	2261.53	1/2	1999.11	1/2	1736.70	1/2	1474.28	1/2	1212.19	1/2	949.93	1/2	687.51	1/2	425.10	1/2	162.93	1/2		1/2		
3/4	2626.59	3/4	2596.62	3/4	2491.98	3/4	2256.06	3/4	1993.65	3/4	1731.23	3/4	1468.81	3/4	1206.73	3/4	944.46	3/4	682.05	3/4	419.63	3/4	157.53	3/4		3/4		
9	2626.15	9	2595.98	9	2488.07	9	2250.60	9	1988.18	9	1725.76	9	1463.35	9	1201.27	9	939.00	9	676.58	9	414.16	9	152.13	9		9		
1/4	2625.63	1/4	2595.34	1/4	2484.16	1/4	2245.13	1/4	1982.71	1/4	1720.30	1/4	1457.88	1/4	1195.81	1/4	933.53	1/4	671.11	1/4	408.70	1/4	146.72	1/4		1/4		
1/2	2625.11	1/2	2594.70	1/2	2480.25	1/2	2239.																					