

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 PORT
PORT 4313

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	3539.89	0	3294.46	0	3035.65	0	2776.83	0	2518.01	0	2259.20	0	2000.38	0	1741.57	0	1482.75	0	1223.93	0	965.12	0	706.30	0	449.25		
1/4		1/4	3537.07	1/4	3289.07	1/4	3030.25	1/4	2771.44	1/4	2512.62	1/4	2253.81	1/4	1994.99	1/4	1736.17	1/4	1477.36	1/4	1218.54	1/4	959.73	1/4	700.91	1/4	444.21		
1/2		1/2	3534.25	1/2	3283.68	1/2	3024.86	1/2	2766.05	1/2	2507.23	1/2	2248.41	1/2	1989.60	1/2	1730.78	1/2	1471.97	1/2	1213.15	1/2	954.33	1/2	695.52	1/2	439.17		
3/4		3/4	3530.41	3/4	3278.29	3/4	3019.47	3/4	2760.65	3/4	2501.84	3/4	2243.02	3/4	1984.21	3/4	1725.39	3/4	1466.57	3/4	1207.76	3/4	948.94	3/4	690.13	3/4	434.13		
1		1	3526.56	1	3272.89	1	3014.08	1	2755.26	1	2496.45	1	2237.63	1	1978.81	1	1720.00	1	1461.18	1	1202.37	1	943.55	1	684.73	1	429.09		
1/4		1/4	3522.71	1/4	3267.50	1/4	3008.69	1/4	2749.87	1/4	2491.05	1/4	2232.24	1/4	1973.42	1/4	1714.61	1/4	1455.79	1/4	1196.97	1/4	938.16	1/4	679.34	1/4	424.05		
1/2		1/2	3518.87	1/2	3262.11	1/2	3003.29	1/2	2744.48	1/2	2485.66	1/2	2226.85	1/2	1968.03	1/2	1709.21	1/2	1450.40	1/2	1191.58	1/2	932.77	1/2	673.95	1/2	419.01		
3/4		3/4	3513.99	3/4	3256.72	3/4	2997.90	3/4	2739.09	3/4	2480.27	3/4	2221.45	3/4	1962.64	3/4	1703.82	3/4	1445.01	3/4	1186.19	3/4	927.37	3/4	668.56	3/4	413.97		
2		2	3509.11	2	3251.33	2	2992.51	2	2733.69	2	2474.88	2	2216.06	2	1957.25	2	1698.43	2	1439.61	2	1180.80	2	921.98	2	663.17	2	408.93		
1/4		1/4	3504.24	1/4	3245.93	1/4	2987.12	1/4	2728.30	1/4	2469.49	1/4	2210.67	1/4	1951.85	1/4	1693.04	1/4	1434.22	1/4	1175.41	1/4	916.59	1/4	657.77	1/4	403.89		
1/2		1/2	3499.36	1/2	3240.54	1/2	2981.73	1/2	2722.91	1/2	2464.09	1/2	2205.28	1/2	1946.46	1/2	1687.65	1/2	1428.83	1/2	1170.01	1/2	911.20	1/2	652.38	1/2	398.85		
3/4		3/4	3493.97	3/4	3235.15	3/4	2976.33	3/4	2717.52	3/4	2458.70	3/4	2199.89	3/4	1941.07	3/4	1682.25	3/4	1423.44	3/4	1164.62	3/4	905.81	3/4	646.99	3/4	393.81		
3		3	3488.57	3	3229.76	3	2970.94	3	2712.13	3	2453.31	3	2194.49	3	1935.68	3	1676.86	3	1418.05	3	1159.23	3	900.41	3	641.60	3	389.01		
1/4		1/4	3483.18	1/4	3224.37	1/4	2965.55	1/4	2706.73	1/4	2447.92	1/4	2189.10	1/4	1930.29	1/4	1671.47	1/4	1412.65	1/4	1153.84	1/4	895.02	1/4	636.21	1/4	384.20		
1/2		1/2	3477.79	1/2	3218.97	1/2	2960.16	1/2	2701.34	1/2	2442.53	1/2	2183.71	1/2	1924.89	1/2	1666.08	1/2	1407.26	1/2	1148.45	1/2	889.63	1/2	630.81	1/2	379.40		
3/4		3/4	3472.40	3/4	3213.58	3/4	2954.77	3/4	2695.95	3/4	2437.13	3/4	2178.32	3/4	1919.50	3/4	1660.69	3/4	1401.87	3/4	1143.05	3/4	884.24	3/4	625.42	3/4	374.59		
4		4	3467.01	4	3208.19	4	2949.37	4	2690.56	4	2431.74	4	2172.93	4	1914.11	4	1655.29	4	1396.48	4	1137.66	4	878.85	4	620.03	4	369.79		
1/4		1/4	3461.61	1/4	3202.80	1/4	2943.98	1/4	2685.17	1/4	2426.35	1/4	2167.53	1/4	1908.72	1/4	1649.90	1/4	1391.09	1/4	1132.27	1/4	873.45	1/4	614.64	1/4	364.98		
1/2		1/2	3456.22	1/2	3197.41	1/2	2938.59	1/2	2679.77	1/2	2420.96	1/2	2162.14	1/2	1903.33	1/2	1644.51	1/2	1385.69	1/2	1126.88	1/2	868.06	1/2	609.25	1/2	360.18		
3/4		3/4	3450.83	3/4	3192.01	3/4	2933.20	3/4	2674.38	3/4	2415.57	3/4	2156.75	3/4	1897.93	3/4	1639.12	3/4	1380.30	3/4	1121.49	3/4	862.67	3/4	603.85	3/4	355.37		
5		5	3445.44	5	3186.62	5	2927.81	5	2668.99	5	2410.17	5	2151.36	5	1892.54	5	1633.73	5	1374.91	5	1116.09	5	857.28	5	598.46	5	350.57		
1/4		1/4	3440.05	1/4	3181.23	1/4	2922.41	1/4	2663.60	1/4	2404.78	1/4	2145.97	1/4	1887.15	1/4	1628.33	1/4	1369.52	1/4	1110.70	1/4	851.89	1/4	593.07	1/4	345.76		
1/2		1/2	3434.65	1/2	3175.84	1/2	2917.02	1/2	2658.21	1/2	2399.39	1/2	2140.57	1/2	1881.76	1/2	1622.94	1/2	1364.13	1/2	1105.31	1/2	846.49	1/2	587.68	1/2	340.96		
3/4		3/4	3429.26	3/4	3170.45	3/4	2911.63	3/4	2652.81	3/4	2394.00	3/4	2135.18	3/4	1876.37	3/4	1617.55	3/4	1358.73	3/4	1099.92	3/4	841.10	3/4	582.29	3/4	336.15		
6		6	3423.87	6	3165.05	6	2906.24	6	2647.42	6	2388.61	6	2129.79	6	1870.97	6	1612.16	6	1353.34	6	1094.53	6	835.71	6	576.89	6	331.58		
1/4		1/4	3418.48	1/4	3159.66	1/4	2900.85	1/4	2642.03	1/4	2383.21	1/4	2124.40	1/4	1865.58	1/4	1606.77	1/4	1347.95	1/4	1089.13	1/4	830.32	1/4	571.50	1/4	327.01		
1/2		1/2	3413.09	1/2	3154.27	1/2	2895.45	1/2	2636.64	1/2	2377.82	1/2	2119.01	1/2	1860.19	1/2	1601.37	1/2	1342.56	1/2	1083.74	1/2	824.93	1/2	566.11	1/2	322.44		
3/4		3/4	3407.69	3/4	3148.88	3/4	2890.06	3/4	2631.25	3/4	2372.43	3/4	2113.61	3/4	1854.80	3/4	1595.98	3/4	1337.17	3/4	1078.35	3/4	819.53	3/4	560.72	3/4	317.87		
7		7	3402.30	7	3143.49	7	2884.67	7	2625.85	7	2367.04	7	2108.22	7	1849.41	7	1590.59	7	1331.77	7	1072.96	7	814.14	7	555.33	7	313.30		
1/4		1/4	3396.91	1/4	3138.09	1/4	2879.28	1/4	2620.46	1/4	2361.65	1/4	2102.83	1/4	1844.01	1/4	1585.20	1/4	1326.38	1/4	1067.57	1/4	808.75	1/4	549.93	1/4	308.73		
1/2		1/2	3391.52	1/2	3132.70	1/2	2873.89	1/2	2615.07	1/2	2356.25	1/2	2097.44	1/2	1838.62	1/2	1579.81	1/2	1320.99	1/2	1062.17	1/2	803.36	1/2	544.54	1/2	304.16		
3/4		3/4	3386.13	3/4	3127.31	3/4	2868.49	3/4	2609.68	3/4	2350.86	3/4	2092.05	3/4	1833.23	3/4	1574.41	3/4	1315.60	3/4	1056.78	3/4	797.97	3/4	539.15	3/4	299.59		
8		8	3380.73	8	3121.92	8	2863.10	8	2604.29	8	2345.47	8	2086.65	8	1827.84	8	1569.02	8	1310.21	8	1051.39	8	792.57	8	533.76	8	295.02		
1/4		1/4	3375.34	1/4	3116.53	1/4	2857.71	1/4	2598.89	1/4	2340.08	1/4	2081.26	1/4	1822.45	1/4	1563.63	1/4	1304.81	1/4	1046.00	1/4	787.18	1/4	528.37	1/4	290.45		
1/2		1/2	3369.95	1/2	3111.13	1/2	2852.32	1/2	2593.50	1/2	2334.69	1/2	2075.87	1/2	1817.05	1/2	1558.24	1/2	1299.42	1/2	1040.61	1/2	781.79	1/2	522.97	1/2	285.88		
3/4		3/4	3364.56	3/4	3105.74	3/4	2846.93	3/4	2588.11	3/4	2329.29	3/4	2070.48	3/4	1811.66	3/4	1552.85	3/4	1294.03	3/4	1035.21	3/4	776.40	3/4	517.58	3/4	281.31		
9		9	3359.17	9	3100.35	9	2841.53	9	2582.72	9	2323.90	9	2065.09	9	1806.27	9	1547.45	9	1288.64	9	1029.82	9	771.01	9	512.31	9	276.98		
1/4	3555.80	1/4	3353.77	1/4	3094.96	1/4	2836.14	1/4	2577.33	1/4	2318.51	1/4	2059.69	1/4	1800.88	1/4	1542.06	1/4	1283.25	1/4	1024.43	1/4	76						

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 PORT CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.					
0	225.19	0	46.20	0		0		0		0		0		0		0		0		0		0		0		0		0			
1/4	221.09	1/4	43.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	216.99	1/2	39.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	212.89	3/4	36.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
1	208.79	1	33.80	1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	204.69	1/4	30.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200.59	1/2	27.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196.49	3/4	25.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	192.39	2	22.62	2		2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	188.28	1/4	20.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184.18	1/2	17.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	180.08	3/4	15.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	176.22	3	13.62	3		3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	172.35	1/4	11.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168.48	1/2	10.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160.75	4		4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	156.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	149.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	145.29	5		5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	141.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	130.06	6		6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	126.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	115.54	7		7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	111.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	101.01	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	97.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	86.72	9		9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	83.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	79.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	76.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	73.14	10		10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	69.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	66.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	62.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	59.55	11		11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	56.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	49.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/2" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 STAR
PORT 4313

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.	
0		0	3539.89	0	3294.46	0	3035.65	0	2776.83	0	2518.01	0	2259.20	0	2000.38	0	1741.57	0	1482.75	0	1223.93	0	965.12	0	706.30	0	449.25
1/4		1/4	3537.07	1/4	3289.07	1/4	3030.25	1/4	2771.44	1/4	2512.62	1/4	2253.81	1/4	1994.99	1/4	1736.17	1/4	1477.36	1/4	1218.54	1/4	959.73	1/4	700.91	1/4	444.21
1/2		1/2	3534.25	1/2	3283.68	1/2	3024.86	1/2	2766.05	1/2	2507.23	1/2	2248.41	1/2	1989.60	1/2	1730.78	1/2	1471.97	1/2	1213.15	1/2	954.33	1/2	695.52	1/2	439.17
3/4		3/4	3530.41	3/4	3278.29	3/4	3019.47	3/4	2760.65	3/4	2501.84	3/4	2243.02	3/4	1984.21	3/4	1725.39	3/4	1466.57	3/4	1207.76	3/4	948.94	3/4	690.13	3/4	434.13
1		1	3526.56	1	3272.89	1	3014.08	1	2755.26	1	2496.45	1	2237.63	1	1978.81	1	1720.00	1	1461.18	1	1202.37	1	943.55	1	684.73	1	429.09
1/4		1/4	3522.71	1/4	3267.50	1/4	3008.69	1/4	2749.87	1/4	2491.05	1/4	2232.24	1/4	1973.42	1/4	1714.61	1/4	1455.79	1/4	1196.97	1/4	938.16	1/4	679.34	1/4	424.05
1/2		1/2	3518.87	1/2	3262.11	1/2	3003.29	1/2	2744.48	1/2	2485.66	1/2	2226.85	1/2	1968.03	1/2	1709.21	1/2	1450.40	1/2	1191.58	1/2	932.77	1/2	673.95	1/2	419.01
3/4		3/4	3513.99	3/4	3256.72	3/4	2997.90	3/4	2739.09	3/4	2480.27	3/4	2221.45	3/4	1962.64	3/4	1703.82	3/4	1445.01	3/4	1186.19	3/4	927.37	3/4	668.56	3/4	413.97
2		2	3509.11	2	3251.33	2	2992.51	2	2733.69	2	2474.88	2	2216.06	2	1957.25	2	1698.43	2	1439.61	2	1180.80	2	921.98	2	663.17	2	408.93
1/4		1/4	3504.24	1/4	3245.93	1/4	2987.12	1/4	2728.30	1/4	2469.49	1/4	2210.67	1/4	1951.85	1/4	1693.04	1/4	1434.22	1/4	1175.41	1/4	916.59	1/4	657.77	1/4	403.89
1/2		1/2	3499.36	1/2	3240.54	1/2	2981.73	1/2	2722.91	1/2	2464.09	1/2	2205.28	1/2	1946.46	1/2	1687.65	1/2	1428.83	1/2	1170.01	1/2	911.20	1/2	652.38	1/2	398.85
3/4		3/4	3493.97	3/4	3235.15	3/4	2976.33	3/4	2717.52	3/4	2458.70	3/4	2199.89	3/4	1941.07	3/4	1682.25	3/4	1423.44	3/4	1164.62	3/4	905.81	3/4	646.99	3/4	393.81
3		3	3488.57	3	3229.76	3	2970.94	3	2712.13	3	2453.31	3	2194.49	3	1935.68	3	1676.86	3	1418.05	3	1159.23	3	900.41	3	641.60	3	389.01
1/4		1/4	3483.18	1/4	3224.37	1/4	2965.55	1/4	2706.73	1/4	2447.92	1/4	2189.10	1/4	1930.29	1/4	1671.47	1/4	1412.65	1/4	1153.84	1/4	895.02	1/4	636.21	1/4	384.20
1/2		1/2	3477.79	1/2	3218.97	1/2	2960.16	1/2	2701.34	1/2	2442.53	1/2	2183.71	1/2	1924.89	1/2	1666.08	1/2	1407.26	1/2	1148.45	1/2	889.63	1/2	630.81	1/2	379.40
3/4		3/4	3472.40	3/4	3213.58	3/4	2954.77	3/4	2695.95	3/4	2437.13	3/4	2178.32	3/4	1919.50	3/4	1660.69	3/4	1401.87	3/4	1143.05	3/4	884.24	3/4	625.42	3/4	374.59
4		4	3467.01	4	3208.19	4	2949.37	4	2690.56	4	2431.74	4	2172.93	4	1914.11	4	1655.29	4	1396.48	4	1137.66	4	878.85	4	620.03	4	369.79
1/4		1/4	3461.61	1/4	3202.80	1/4	2943.98	1/4	2685.17	1/4	2426.35	1/4	2167.53	1/4	1908.72	1/4	1649.90	1/4	1391.09	1/4	1132.27	1/4	873.45	1/4	614.64	1/4	364.98
1/2		1/2	3456.22	1/2	3197.41	1/2	2938.59	1/2	2679.77	1/2	2420.96	1/2	2162.14	1/2	1903.33	1/2	1644.51	1/2	1385.69	1/2	1126.88	1/2	868.06	1/2	609.25	1/2	360.18
3/4		3/4	3450.83	3/4	3192.01	3/4	2933.20	3/4	2674.38	3/4	2415.57	3/4	2156.75	3/4	1897.93	3/4	1639.12	3/4	1380.30	3/4	1121.49	3/4	862.67	3/4	603.85	3/4	355.37
5		5	3445.44	5	3186.62	5	2927.81	5	2668.99	5	2410.17	5	2151.36	5	1892.54	5	1633.73	5	1374.91	5	1116.09	5	857.28	5	598.46	5	350.57
1/4		1/4	3440.05	1/4	3181.23	1/4	2922.41	1/4	2663.60	1/4	2404.78	1/4	2145.97	1/4	1887.15	1/4	1628.33	1/4	1369.52	1/4	1110.70	1/4	851.89	1/4	593.07	1/4	345.76
1/2		1/2	3434.65	1/2	3175.84	1/2	2917.02	1/2	2658.21	1/2	2399.39	1/2	2140.57	1/2	1881.76	1/2	1622.94	1/2	1364.13	1/2	1105.31	1/2	846.49	1/2	587.68	1/2	340.96
3/4		3/4	3429.26	3/4	3170.45	3/4	2911.63	3/4	2652.81	3/4	2394.00	3/4	2135.18	3/4	1876.37	3/4	1617.55	3/4	1358.73	3/4	1099.92	3/4	841.10	3/4	582.29	3/4	336.15
6		6	3423.87	6	3165.05	6	2906.24	6	2647.42	6	2388.61	6	2129.79	6	1870.97	6	1612.16	6	1353.34	6	1094.53	6	835.71	6	576.89	6	331.58
1/4		1/4	3418.48	1/4	3159.66	1/4	2900.85	1/4	2642.03	1/4	2383.21	1/4	2124.40	1/4	1865.58	1/4	1606.77	1/4	1347.95	1/4	1089.13	1/4	830.32	1/4	571.50	1/4	327.01
1/2		1/2	3413.09	1/2	3154.27	1/2	2895.45	1/2	2636.64	1/2	2377.82	1/2	2119.01	1/2	1860.19	1/2	1601.37	1/2	1342.56	1/2	1083.74	1/2	824.93	1/2	566.11	1/2	322.44
3/4		3/4	3407.69	3/4	3148.88	3/4	2890.06	3/4	2631.25	3/4	2372.43	3/4	2113.61	3/4	1854.80	3/4	1595.98	3/4	1337.17	3/4	1078.35	3/4	819.53	3/4	560.72	3/4	317.87
7		7	3402.30	7	3143.49	7	2884.67	7	2625.85	7	2367.04	7	2108.22	7	1849.41	7	1590.59	7	1331.77	7	1072.96	7	814.14	7	555.33	7	313.30
1/4		1/4	3396.91	1/4	3138.09	1/4	2879.28	1/4	2620.46	1/4	2361.65	1/4	2102.83	1/4	1844.01	1/4	1585.20	1/4	1326.38	1/4	1067.57	1/4	808.75	1/4	549.93	1/4	308.73
1/2		1/2	3391.52	1/2	3132.70	1/2	2873.89	1/2	2615.07	1/2	2356.25	1/2	2097.44	1/2	1838.62	1/2	1579.81	1/2	1320.99	1/2	1062.17	1/2	803.36	1/2	544.54	1/2	304.16
3/4		3/4	3386.13	3/4	3127.31	3/4	2868.49	3/4	2609.68	3/4	2350.86	3/4	2092.05	3/4	1833.23	3/4	1574.41	3/4	1315.60	3/4	1056.78	3/4	797.97	3/4	539.15	3/4	299.59
8		8	3380.73	8	3121.92	8	2863.10	8	2604.29	8	2345.47	8	2086.65	8	1827.84	8	1569.02	8	1310.21	8	1051.39	8	792.57	8	533.76	8	295.02
1/4		1/4	3375.34	1/4	3116.53	1/4	2857.71	1/4	2598.89	1/4	2340.08	1/4	2081.26	1/4	1822.45	1/4	1563.63	1/4	1304.81	1/4	1046.00	1/4	787.18	1/4	528.37	1/4	290.45
1/2		1/2	3369.95	1/2	3111.13	1/2	2852.32	1/2	2593.50	1/2	2334.69	1/2	2075.87	1/2	1817.05	1/2	1558.24	1/2	1299.42	1/2	1040.61	1/2	781.79	1/2	522.97	1/2	285.88
3/4		3/4	3364.56	3/4	3105.74	3/4	2846.93	3/4	2588.11	3/4	2329.29	3/4	2070.48	3/4	1811.66	3/4	1552.85	3/4	1294.03	3/4	1035.21	3/4	776.40	3/4	517.58	3/4	281.31
9		9	3359.17	9	3100.35	9	2841.53	9	2582.72	9	2323.90	9	2065.09	9	1806.27	9	1547.45	9	1288.64	9	1029.82	9	771.01	9	512.31	9	276.98
1/4	3555.80	1/4	3353.77	1/4	3094.96	1/4	2836.14	1/4	2577.33	1/4	2318.51	1/4	2059.69	1/4	1800.88	1/4	1542.06	1/4	1283.25	1/4	1024.43	1/4	765.61	1/			

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

1 STAR CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	225.19	0	46.20	0		0		0		0		0		0		0		0		0		0		0		0	
1/4	221.09	1/4	43.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	216.99	1/2	39.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	212.89	3/4	36.72	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	208.79	1	33.80	1		1		1		1		1		1		1		1		1		1		1		1	
1/4	204.69	1/4	30.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	200.59	1/2	27.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196.49	3/4	25.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	192.39	2	22.62	2		2		2		2		2		2		2		2		2		2		2		2	
1/4	188.28	1/4	20.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184.18	1/2	17.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	180.08	3/4	15.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	176.22	3	13.62	3		3		3		3		3		3		3		3		3		3		3		3	
1/4	172.35	1/4	11.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	168.48	1/2	10.20	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	164.62	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	160.75	4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	156.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	153.02	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	149.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	145.29	5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	141.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	133.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	130.06	6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	126.43	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	122.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	119.17	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	115.54	7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	111.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	108.27	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	104.64	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	101.01	8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	97.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	93.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90.12	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	86.72	9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	83.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	79.93	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	76.53	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	73.14	10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	69.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	66.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	62.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	59.55	11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	56.16	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	52.76	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	49.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/2" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 PORT
PORT 4313

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.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	
0	0 4038.39	0 3769.09	0 3485.13	0 3201.16	0 2917.19	0 2633.22	0 2349.25	0 2065.29	0 1781.32	0 1497.35	0 1213.38	0 929.41	0 645.45															
1/4	1/4 4035.30	1/4 3763.18	1/4 3479.21	1/4 3195.24	1/4 2911.27	1/4 2627.31	1/4 2343.34	1/4 2059.37	1/4 1775.40	1/4 1491.43	1/4 1207.47	1/4 923.50	1/4 639.53															
1/2	1/2 4032.20	1/2 3757.26	1/2 3473.29	1/2 3189.33	1/2 2905.36	1/2 2621.39	1/2 2337.42	1/2 2053.45	1/2 1769.49	1/2 1485.52	1/2 1201.55	1/2 917.58	1/2 633.61															
3/4	3/4 4027.98	3/4 3751.35	3/4 3467.38	3/4 3183.41	3/4 2899.44	3/4 2615.47	3/4 2331.51	3/4 2047.54	3/4 1763.57	3/4 1479.60	3/4 1195.63	3/4 911.67	3/4 627.70															
1	1 4023.76	1 3745.43	1 3461.46	1 3177.49	1 2893.53	1 2609.56	1 2325.59	1 2041.62	1 1757.65	1 1473.69	1 1189.72	1 905.75	1 621.78															
1/4	1/4 4019.53	1/4 3739.51	1/4 3455.55	1/4 3171.58	1/4 2887.61	1/4 2603.64	1/4 2319.67	1/4 2035.71	1/4 1751.74	1/4 1467.77	1/4 1183.80	1/4 899.83	1/4 615.87															
1/2	1/2 4015.31	1/2 3733.60	1/2 3449.63	1/2 3165.66	1/2 2881.69	1/2 2597.73	1/2 2313.76	1/2 2029.79	1/2 1745.82	1/2 1461.85	1/2 1177.89	1/2 893.92	1/2 609.95															
3/4	3/4 4009.96	3/4 3727.68	3/4 3443.71	3/4 3159.75	3/4 2875.78	3/4 2591.81	3/4 2307.84	3/4 2023.87	3/4 1739.91	3/4 1455.94	3/4 1171.97	3/4 888.00	3/4 604.03															
2	2 4004.61	2 3721.77	2 3437.80	2 3153.83	2 2869.86	2 2585.89	2 2301.93	2 2017.96	2 1733.99	2 1450.02	2 1166.05	2 882.09	2 598.12															
1/4	1/4 3999.25	1/4 3715.85	1/4 3431.88	1/4 3147.91	1/4 2863.95	1/4 2579.98	1/4 2296.01	1/4 2012.04	1/4 1728.07	1/4 1444.11	1/4 1160.14	1/4 876.17	1/4 592.20															
1/2	1/2 3993.90	1/2 3709.93	1/2 3425.97	1/2 3142.00	1/2 2858.03	1/2 2574.06	1/2 2290.09	1/2 2006.13	1/2 1722.16	1/2 1438.19	1/2 1154.22	1/2 870.25	1/2 586.29															
3/4	3/4 3987.99	3/4 3704.02	3/4 3420.05	3/4 3136.08	3/4 2852.11	3/4 2568.15	3/4 2284.18	3/4 2000.21	3/4 1716.24	3/4 1432.27	3/4 1148.31	3/4 864.34	3/4 580.37															
3	3 3982.07	3 3698.10	3 3414.13	3 3130.17	3 2846.20	3 2562.23	3 2278.26	3 1994.29	3 1710.33	3 1426.36	3 1142.39	3 858.42	3 574.45															
1/4	1/4 3976.15	1/4 3692.19	1/4 3408.22	1/4 3124.25	1/4 2840.28	1/4 2556.31	1/4 2272.35	1/4 1988.38	1/4 1704.41	1/4 1420.44	1/4 1136.47	1/4 852.51	1/4 568.54															
1/2	1/2 3970.24	1/2 3686.27	1/2 3402.30	1/2 3118.33	1/2 2834.37	1/2 2550.40	1/2 2266.43	1/2 1982.46	1/2 1698.49	1/2 1414.53	1/2 1130.56	1/2 846.59	1/2 562.62															
3/4	3/4 3964.32	3/4 3680.35	3/4 3396.39	3/4 3112.42	3/4 2828.45	3/4 2544.48	3/4 2260.51	3/4 1976.55	3/4 1692.58	3/4 1408.61	3/4 1124.64	3/4 840.67	3/4 556.71															
4	4 3958.41	4 3674.44	4 3390.47	4 3106.50	4 2822.53	4 2538.57	4 2254.60	4 1970.63	4 1686.66	4 1402.69	4 1118.73	4 834.76	4 550.79															
1/4	1/4 3952.49	1/4 3668.52	1/4 3384.55	1/4 3100.59	1/4 2816.62	1/4 2532.65	1/4 2248.68	1/4 1964.71	1/4 1680.75	1/4 1396.78	1/4 1112.81	1/4 828.84	1/4 544.87															
1/2	1/2 3946.57	1/2 3662.61	1/2 3378.64	1/2 3094.67	1/2 2810.70	1/2 2526.73	1/2 2242.77	1/2 1958.80	1/2 1674.83	1/2 1390.86	1/2 1106.89	1/2 822.93	1/2 538.96															
3/4	3/4 3940.66	3/4 3656.69	3/4 3372.72	3/4 3088.75	3/4 2804.79	3/4 2520.82	3/4 2236.85	3/4 1952.88	3/4 1668.91	3/4 1384.95	3/4 1100.98	3/4 817.01	3/4 533.04															
5	5 3934.74	5 3650.77	5 3366.81	5 3082.84	5 2798.87	5 2514.90	5 2230.93	5 1946.97	5 1663.00	5 1379.03	5 1095.06	5 811.09	5 527.13															
1/4	1/4 3928.83	1/4 3644.86	1/4 3360.89	1/4 3076.92	1/4 2792.95	1/4 2508.99	1/4 2225.02	1/4 1941.05	1/4 1657.08	1/4 1373.11	1/4 1089.15	1/4 805.18	1/4 521.21															
1/2	1/2 3922.91	1/2 3638.94	1/2 3354.97	1/2 3071.01	1/2 2787.04	1/2 2503.07	1/2 2219.10	1/2 1935.13	1/2 1651.17	1/2 1367.20	1/2 1083.23	1/2 799.26	1/2 515.29															
3/4	3/4 3916.99	3/4 3633.03	3/4 3349.06	3/4 3065.09	3/4 2781.12	3/4 2497.15	3/4 2213.19	3/4 1929.22	3/4 1645.25	3/4 1361.28	3/4 1077.31	3/4 793.35	3/4 509.38															
6	6 3911.08	6 3627.11	6 3343.14	6 3059.17	6 2775.21	6 2491.24	6 2207.27	6 1923.30	6 1639.33	6 1355.37	6 1071.40	6 787.43	6 503.46															
1/4	1/4 3905.16	1/4 3621.19	1/4 3337.23	1/4 3053.26	1/4 2769.29	1/4 2485.32	1/4 2201.35	1/4 1917.39	1/4 1633.42	1/4 1349.45	1/4 1065.48	1/4 781.51	1/4 497.55															
1/2	1/2 3899.25	1/2 3615.28	1/2 3331.31	1/2 3047.34	1/2 2763.37	1/2 2479.41	1/2 2195.44	1/2 1911.47	1/2 1627.50	1/2 1343.53	1/2 1059.57	1/2 775.60	1/2 491.63															
3/4	3/4 3893.33	3/4 3609.36	3/4 3325.39	3/4 3041.43	3/4 2757.46	3/4 2473.49	3/4 2189.52	3/4 1905.55	3/4 1621.59	3/4 1337.62	3/4 1053.65	3/4 769.68	3/4 485.71															
7	7 3887.41	7 3603.45	7 3319.48	7 3035.51	7 2751.54	7 2467.57	7 2183.61	7 1899.64	7 1615.67	7 1331.70	7 1047.73	7 763.77	7 479.80															
1/4	1/4 3881.50	1/4 3597.53	1/4 3313.56	1/4 3029.59	1/4 2745.63	1/4 2461.66	1/4 2177.69	1/4 1893.72	1/4 1609.75	1/4 1325.79	1/4 1041.82	1/4 757.85	1/4 473.88															
1/2	1/2 3875.58	1/2 3591.61	1/2 3307.65	1/2 3023.68	1/2 2739.71	1/2 2455.74	1/2 2171.77	1/2 1887.81	1/2 1603.84	1/2 1319.87	1/2 1035.90	1/2 751.93	1/2 467.97															
3/4	3/4 3869.67	3/4 3585.70	3/4 3301.73	3/4 3017.76	3/4 2733.79	3/4 2449.83	3/4 2165.86	3/4 1881.89	3/4 1597.92	3/4 1313.95	3/4 1029.99	3/4 746.02	3/4 462.05															
8	8 3863.75	8 3579.78	8 3295.81	8 3011.85	8 2727.88	8 2443.91	8 2159.94	8 1875.97	8 1592.01	8 1308.04	8 1024.07	8 740.10	8 456.13															
1/4	1/4 3857.83	1/4 3573.87	1/4 3289.90	1/4 3005.93	1/4 2721.96	1/4 2437.99	1/4 2154.03	1/4 1870.06	1/4 1586.09	1/4 1302.12	1/4 1018.15	1/4 734.19	1/4 450.22															
1/2	1/2 3851.92	1/2 3567.95	1/2 3283.98	1/2 3000.01	1/2 2716.05	1/2 2432.08	1/2 2148.11	1/2 1864.14	1/2 1580.17	1/2 1296.21	1/2 1012.24	1/2 728.27	1/2 444.30															
3/4	3/4 3846.00	3/4 3562.03	3/4 3278.07	3/4 2994.10	3/4 2710.13	3/4 2426.16	3/4 2142.19	3/4 1858.23	3/4 1574.26	3/4 1290.29	3/4 1006.32	3/4 722.35	3/4 438.39															
9	9 3840.09	9 3556.12	9 3272.15	9 2988.18	9 2704.21	9 2420.25	9 2136.28	9 1852.31	9 1568.34	9 1284.37	9 1000.41	9 7																

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 PORT CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
0	361.48	0	77.51	0		0		0		0		0		0		0		0		0		0		0		0		0	
1/4	355.56	1/4	71.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	349.65	1/2	65.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	343.73	3/4	59.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	337.81	1	54.44	1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	331.90	1/4	49.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.98	1/2	43.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	320.07	3/4	38.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	314.15	2	34.33	2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	308.23	1/4	30.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	302.32	1/2	26.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.40	3/4	21.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	290.49	3	18.96	3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	284.57	1/4	16.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	278.65	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	272.74	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	266.82	4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	260.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	254.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	249.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	243.16	5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	237.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	219.49	6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	213.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	207.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	201.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	195.83	7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	189.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	178.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	172.17	8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	166.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	148.50	9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	142.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	124.84	10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	118.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	101.17	11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	95.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 STAR
PORT 4313

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	4023.76	0	3745.43	0	3461.46	0	3177.49	0	2893.53	0	2609.56	0	2325.59	0	2041.62	0	1757.65	0	1473.69	0	1189.72	0	905.75	0	621.78		
1/4		1/4	4019.53	1/4	3739.51	1/4	3455.55	1/4	3171.58	1/4	2887.61	1/4	2603.64	1/4	2319.67	1/4	2035.71	1/4	1751.74	1/4	1467.77	1/4	1183.80	1/4	899.83	1/4	615.87		
1/2		1/2	4015.31	1/2	3733.60	1/2	3449.63	1/2	3165.66	1/2	2881.69	1/2	2597.73	1/2	2313.76	1/2	2029.79	1/2	1745.82	1/2	1461.85	1/2	1177.89	1/2	893.92	1/2	609.95		
3/4		3/4	4009.96	3/4	3727.68	3/4	3443.71	3/4	3159.75	3/4	2875.78	3/4	2591.81	3/4	2307.84	3/4	2023.87	3/4	1739.91	3/4	1455.94	3/4	1171.97	3/4	888.00	3/4	604.03		
1		1	4004.61	1	3721.77	1	3437.80	1	3153.83	1	2869.86	1	2585.89	1	2301.93	1	2017.96	1	1733.99	1	1450.02	1	1166.05	1	882.09	1	598.12		
1/4		1/4	3999.25	1/4	3715.85	1/4	3431.88	1/4	3147.91	1/4	2863.95	1/4	2579.98	1/4	2296.01	1/4	2012.04	1/4	1728.07	1/4	1444.11	1/4	1160.14	1/4	876.17	1/4	592.20		
1/2		1/2	3993.90	1/2	3709.93	1/2	3425.97	1/2	3142.00	1/2	2858.03	1/2	2574.06	1/2	2290.09	1/2	2006.13	1/2	1722.16	1/2	1438.19	1/2	1154.22	1/2	870.25	1/2	586.29		
3/4		3/4	3987.99	3/4	3704.02	3/4	3420.05	3/4	3136.08	3/4	2852.11	3/4	2568.15	3/4	2284.18	3/4	2000.21	3/4	1716.24	3/4	1432.27	3/4	1148.31	3/4	864.34	3/4	580.37		
2		2	3982.07	2	3698.10	2	3414.13	2	3130.17	2	2846.20	2	2562.23	2	2278.26	2	1994.29	2	1710.33	2	1426.36	2	1142.39	2	858.42	2	574.45		
1/4		1/4	3976.15	1/4	3692.19	1/4	3408.22	1/4	3124.25	1/4	2840.28	1/4	2556.31	1/4	2272.35	1/4	1988.38	1/4	1704.41	1/4	1420.44	1/4	1136.47	1/4	852.51	1/4	568.54		
1/2		1/2	3970.24	1/2	3686.27	1/2	3402.30	1/2	3118.33	1/2	2834.37	1/2	2550.40	1/2	2266.43	1/2	1982.46	1/2	1698.49	1/2	1414.53	1/2	1130.56	1/2	846.59	1/2	562.62		
3/4		3/4	3964.32	3/4	3680.35	3/4	3396.39	3/4	3112.42	3/4	2828.45	3/4	2544.48	3/4	2260.51	3/4	1976.55	3/4	1692.58	3/4	1408.61	3/4	1124.64	3/4	840.67	3/4	556.71		
3		3	3958.41	3	3674.44	3	3390.47	3	3106.50	3	2822.53	3	2538.57	3	2254.60	3	1970.63	3	1686.66	3	1402.69	3	1118.73	3	834.76	3	550.79		
1/4		1/4	3952.49	1/4	3668.52	1/4	3384.55	1/4	3100.59	1/4	2816.62	1/4	2532.65	1/4	2248.68	1/4	1964.71	1/4	1680.75	1/4	1396.78	1/4	1112.81	1/4	828.84	1/4	544.87		
1/2		1/2	3946.57	1/2	3662.61	1/2	3378.64	1/2	3094.67	1/2	2810.70	1/2	2526.73	1/2	2242.77	1/2	1958.80	1/2	1674.83	1/2	1390.86	1/2	1106.89	1/2	822.93	1/2	538.96		
3/4		3/4	3940.66	3/4	3656.69	3/4	3372.72	3/4	3088.75	3/4	2804.79	3/4	2520.82	3/4	2236.85	3/4	1952.88	3/4	1668.91	3/4	1384.95	3/4	1100.98	3/4	817.01	3/4	533.04		
4		4	3934.74	4	3650.77	4	3366.81	4	3082.84	4	2798.87	4	2514.90	4	2230.93	4	1946.97	4	1663.00	4	1379.03	4	1095.06	4	811.09	4	527.13		
1/4		1/4	3928.83	1/4	3644.86	1/4	3360.89	1/4	3076.92	1/4	2792.95	1/4	2508.99	1/4	2225.02	1/4	1941.05	1/4	1657.08	1/4	1373.11	1/4	1089.15	1/4	805.18	1/4	521.21		
1/2		1/2	3922.91	1/2	3638.94	1/2	3354.97	1/2	3071.01	1/2	2787.04	1/2	2503.07	1/2	2219.10	1/2	1935.13	1/2	1651.17	1/2	1367.20	1/2	1083.23	1/2	799.26	1/2	515.29		
3/4		3/4	3916.99	3/4	3633.03	3/4	3349.06	3/4	3065.09	3/4	2781.12	3/4	2497.15	3/4	2213.19	3/4	1929.22	3/4	1645.25	3/4	1361.28	3/4	1077.31	3/4	793.35	3/4	509.38		
5		5	3911.08	5	3627.11	5	3343.14	5	3059.17	5	2775.21	5	2491.24	5	2207.27	5	1923.30	5	1639.33	5	1355.37	5	1071.40	5	787.43	5	503.46		
1/4		1/4	3905.16	1/4	3621.19	1/4	3337.23	1/4	3053.26	1/4	2769.29	1/4	2485.32	1/4	2201.35	1/4	1917.39	1/4	1633.42	1/4	1349.45	1/4	1065.48	1/4	781.51	1/4	497.55		
1/2		1/2	3899.25	1/2	3615.28	1/2	3331.31	1/2	3047.34	1/2	2763.37	1/2	2479.41	1/2	2195.44	1/2	1911.47	1/2	1627.50	1/2	1343.53	1/2	1059.57	1/2	775.60	1/2	491.63		
3/4		3/4	3893.33	3/4	3609.36	3/4	3325.39	3/4	3041.43	3/4	2757.46	3/4	2473.49	3/4	2189.52	3/4	1905.55	3/4	1621.59	3/4	1337.62	3/4	1053.65	3/4	769.68	3/4	485.71		
6		6	3887.41	6	3603.45	6	3319.48	6	3035.51	6	2751.54	6	2467.57	6	2183.61	6	1899.64	6	1615.67	6	1331.70	6	1047.73	6	763.77	6	479.80		
1/4		1/4	3881.50	1/4	3597.53	1/4	3313.56	1/4	3029.59	1/4	2745.63	1/4	2461.66	1/4	2177.69	1/4	1893.72	1/4	1609.75	1/4	1325.79	1/4	1041.82	1/4	757.85	1/4	473.88		
1/2		1/2	3875.58	1/2	3591.61	1/2	3307.65	1/2	3023.68	1/2	2739.71	1/2	2455.74	1/2	2171.77	1/2	1887.81	1/2	1603.84	1/2	1319.87	1/2	1035.90	1/2	751.93	1/2	467.97		
3/4		3/4	3869.67	3/4	3585.70	3/4	3301.73	3/4	3017.76	3/4	2733.79	3/4	2449.83	3/4	2165.86	3/4	1881.89	3/4	1597.92	3/4	1313.95	3/4	1029.99	3/4	746.02	3/4	462.05		
7		7	3863.75	7	3579.78	7	3295.81	7	3011.85	7	2727.88	7	2443.91	7	2159.94	7	1875.97	7	1592.01	7	1308.04	7	1024.07	7	740.10	7	456.13		
1/4		1/4	3857.83	1/4	3573.87	1/4	3289.90	1/4	3005.93	1/4	2721.96	1/4	2437.99	1/4	2154.03	1/4	1870.06	1/4	1586.09	1/4	1302.12	1/4	1018.15	1/4	734.19	1/4	450.22		
1/2		1/2	3851.92	1/2	3567.95	1/2	3283.98	1/2	3000.01	1/2	2716.05	1/2	2432.08	1/2	2148.11	1/2	1864.14	1/2	1580.17	1/2	1296.21	1/2	1012.24	1/2	728.27	1/2	444.30		
3/4		3/4	3846.00	3/4	3562.03	3/4	3278.07	3/4	2994.10	3/4	2710.13	3/4	2426.16	3/4	2142.19	3/4	1858.23	3/4	1574.26	3/4	1290.29	3/4	1006.32	3/4	722.35	3/4	438.39		
8		8	3840.09	8	3556.12	8	3272.15	8	2988.18	8	2704.21	8	2420.25	8	2136.28	8	1852.31	8	1568.34	8	1284.37	8	1000.41	8	716.44	8	432.47		
1/4	4055.94	1/4	3834.17	1/4	3550.20	1/4	3266.23	1/4	2982.27	1/4	2698.30	1/4	2414.33	1/4	2130.36	1/4	1846.39	1/4	1562.43	1/4	1278.46	1/4	994.49	1/4	710.52	1/4	426.55		
1/2	4055.80	1/2	3828.25	1/2	3544.29	1/2	3260.32	1/2	2976.35	1/2	2692.38	1/2	2408.41	1/2	2124.45	1/2	1840.48	1/2	1556.51	1/2	1272.54	1/2	988.57	1/2	704.61	1/2	420.64		
3/4	4054.96	3/4	3822.34	3/4	3538.37	3/4	3254.40	3/4	2970.43	3/4	2686.47	3/4	2402.50	3/4	2118.53	3/4	1834.56	3/4	1550.59	3/4	1266.63	3/4	982.66	3/4	698.69	3/4	414.72		
9	4054.13	9	3816.42	9	3532.45	9	3248.49	9	2964.52	9	2680.55	9	2396.58	9	2112.61	9	1828.65	9	1544.68	9	1260.71	9	976.74	9	692.77	9	408.81		
1/4	4053.29	1/4	3810.51	1/4	3526.54	1/4	3242.57	1/4	2958.60	1/4	2674.63	1/4	2390.67	1/4	2106.70	1/4	182												

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 STAR CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.					
0	337.81	0	54.44	0		0		0		0		0		0		0		0		0		0		0		0		0			
1/4	331.90	1/4	49.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	325.98	1/2	43.79	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	320.07	3/4	38.47	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	314.15	1	34.33	1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	308.23	1/4	30.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	302.32	1/2	26.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	296.40	3/4	21.91	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	290.49	2	18.96	2		2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	284.57	1/4	16.00	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	278.65	1/2	13.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	272.74	3/4	10.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	266.82	3		3		3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	260.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	254.99	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	249.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	243.16	4		4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	237.24	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	219.49	5		5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	213.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	207.66	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	201.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	195.83	6		6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	189.91	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184.00	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	178.08	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	172.17	7		7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	166.25	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160.33	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	148.50	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	142.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	136.67	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	130.75	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	124.84	9		9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	118.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107.09	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	101.17	10		10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	95.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89.34	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83.43	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	77.51	11		11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	71.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	65.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-2 3/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

3 PORT
PORT 4313

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	4045.52	0	3772.71	0	3488.02	0	3203.33	0	2918.64	0	2633.96	0	2349.27	0	2064.58	0	1779.89	0	1495.20	0	1210.52	0	925.83	0	641.14		
1/4		1/4	4042.41	1/4	3766.78	1/4	3482.09	1/4	3197.40	1/4	2912.71	1/4	2628.03	1/4	2343.34	1/4	2058.65	1/4	1773.96	1/4	1489.27	1/4	1204.59	1/4	919.90	1/4	635.21		
1/2		1/2	4038.18	1/2	3760.85	1/2	3476.16	1/2	3191.47	1/2	2906.78	1/2	2622.09	1/2	2337.41	1/2	2052.72	1/2	1768.03	1/2	1483.34	1/2	1198.65	1/2	913.97	1/2	629.28		
3/4		3/4	4033.95	3/4	3754.92	3/4	3470.23	3/4	3185.54	3/4	2900.85	3/4	2616.16	3/4	2331.48	3/4	2046.79	3/4	1762.10	3/4	1477.41	3/4	1192.72	3/4	908.04	3/4	623.35		
1		1	4029.71	1	3748.98	1	3464.30	1	3179.61	1	2894.92	1	2610.23	1	2325.54	1	2040.86	1	1756.17	1	1471.48	1	1186.79	1	902.10	1	617.42		
1/4		1/4	4025.48	1/4	3743.05	1/4	3458.37	1/4	3173.68	1/4	2888.99	1/4	2604.30	1/4	2319.61	1/4	2034.93	1/4	1750.24	1/4	1465.55	1/4	1180.86	1/4	896.17	1/4	611.49		
1/2		1/2	4020.11	1/2	3737.12	1/2	3452.43	1/2	3167.75	1/2	2883.06	1/2	2598.37	1/2	2313.68	1/2	2028.99	1/2	1744.31	1/2	1459.62	1/2	1174.93	1/2	890.24	1/2	605.55		
3/4		3/4	4014.75	3/4	3731.19	3/4	3446.50	3/4	3161.82	3/4	2877.13	3/4	2592.44	3/4	2307.75	3/4	2023.06	3/4	1738.38	3/4	1453.69	3/4	1169.00	3/4	884.31	3/4	599.62		
2		2	4009.38	2	3725.26	2	3440.57	2	3155.88	2	2871.20	2	2586.51	2	2301.82	2	2017.13	2	1732.44	2	1447.76	2	1163.07	2	878.38	2	593.69		
1/4		1/4	4004.02	1/4	3719.33	1/4	3434.64	1/4	3149.95	1/4	2865.27	1/4	2580.58	1/4	2295.89	1/4	2011.20	1/4	1726.51	1/4	1441.83	1/4	1157.14	1/4	872.45	1/4	587.76		
1/2		1/2	3998.09	1/2	3713.40	1/2	3428.71	1/2	3144.02	1/2	2859.33	1/2	2574.65	1/2	2289.96	1/2	2005.27	1/2	1720.58	1/2	1435.89	1/2	1151.21	1/2	866.52	1/2	581.83		
3/4		3/4	3992.16	3/4	3707.47	3/4	3422.78	3/4	3138.09	3/4	2853.40	3/4	2568.72	3/4	2284.03	3/4	1999.34	3/4	1714.65	3/4	1429.96	3/4	1145.28	3/4	860.59	3/4	575.90		
3		3	3986.22	3	3701.54	3	3416.85	3	3132.16	3	2847.47	3	2562.78	3	2278.10	3	1993.41	3	1708.72	3	1424.03	3	1139.34	3	854.66	3	569.97		
1/4		1/4	3980.29	1/4	3695.61	1/4	3410.92	1/4	3126.23	1/4	2841.54	1/4	2556.85	1/4	2272.17	1/4	1987.48	1/4	1702.79	1/4	1418.10	1/4	1133.41	1/4	848.73	1/4	564.04		
1/2		1/2	3974.36	1/2	3689.67	1/2	3404.99	1/2	3120.30	1/2	2835.61	1/2	2550.92	1/2	2266.23	1/2	1981.55	1/2	1696.86	1/2	1412.17	1/2	1127.48	1/2	842.79	1/2	558.11		
3/4		3/4	3968.43	3/4	3683.74	3/4	3399.06	3/4	3114.37	3/4	2829.68	3/4	2544.99	3/4	2260.30	3/4	1975.62	3/4	1690.93	3/4	1406.24	3/4	1121.55	3/4	836.86	3/4	552.18		
4		4	3962.50	4	3677.81	4	3393.12	4	3108.44	4	2823.75	4	2539.06	4	2254.37	4	1969.68	4	1685.00	4	1400.31	4	1115.62	4	830.93	4	546.24		
1/4		1/4	3956.57	1/4	3671.88	1/4	3387.19	1/4	3102.51	1/4	2817.82	1/4	2533.13	1/4	2248.44	1/4	1963.75	1/4	1679.07	1/4	1394.38	1/4	1109.69	1/4	825.00	1/4	540.31		
1/2		1/2	3950.64	1/2	3665.95	1/2	3381.26	1/2	3096.57	1/2	2811.89	1/2	2527.20	1/2	2242.51	1/2	1957.82	1/2	1673.13	1/2	1388.45	1/2	1103.76	1/2	819.07	1/2	534.38		
3/4		3/4	3944.71	3/4	3660.02	3/4	3375.33	3/4	3090.64	3/4	2805.96	3/4	2521.27	3/4	2236.58	3/4	1951.89	3/4	1667.20	3/4	1382.52	3/4	1097.83	3/4	813.14	3/4	528.45		
5		5	3938.78	5	3654.09	5	3369.40	5	3084.71	5	2800.02	5	2515.34	5	2230.65	5	1945.96	5	1661.27	5	1376.58	5	1091.90	5	807.21	5	522.52		
1/4		1/4	3932.85	1/4	3648.16	1/4	3363.47	1/4	3078.78	1/4	2794.09	1/4	2509.41	1/4	2224.72	1/4	1940.03	1/4	1655.34	1/4	1370.65	1/4	1085.97	1/4	801.28	1/4	516.59		
1/2		1/2	3926.91	1/2	3642.23	1/2	3357.54	1/2	3072.85	1/2	2788.16	1/2	2503.47	1/2	2218.79	1/2	1934.10	1/2	1649.41	1/2	1364.72	1/2	1080.03	1/2	795.35	1/2	510.66		
3/4		3/4	3920.98	3/4	3636.30	3/4	3351.61	3/4	3066.92	3/4	2782.23	3/4	2497.54	3/4	2212.86	3/4	1928.17	3/4	1643.48	3/4	1358.79	3/4	1074.10	3/4	789.42	3/4	504.73		
6		6	3915.05	6	3630.36	6	3345.68	6	3060.99	6	2776.30	6	2491.61	6	2206.92	6	1922.24	6	1637.55	6	1352.86	6	1068.17	6	783.48	6	498.80		
1/4		1/4	3909.12	1/4	3624.43	1/4	3339.75	1/4	3055.06	1/4	2770.37	1/4	2485.68	1/4	2200.99	1/4	1916.31	1/4	1631.62	1/4	1346.93	1/4	1062.24	1/4	777.55	1/4	492.87		
1/2		1/2	3903.19	1/2	3618.50	1/2	3333.81	1/2	3049.13	1/2	2764.44	1/2	2479.75	1/2	2195.06	1/2	1910.37	1/2	1625.69	1/2	1341.00	1/2	1056.31	1/2	771.62	1/2	486.93		
3/4		3/4	3897.26	3/4	3612.57	3/4	3327.88	3/4	3043.20	3/4	2758.51	3/4	2473.82	3/4	2189.13	3/4	1904.44	3/4	1619.76	3/4	1335.07	3/4	1050.38	3/4	765.69	3/4	481.00		
7		7	3891.33	7	3606.64	7	3321.95	7	3037.26	7	2752.58	7	2467.89	7	2183.20	7	1898.51	7	1613.82	7	1329.14	7	1044.45	7	759.76	7	475.07		
1/4		1/4	3885.40	1/4	3600.71	1/4	3316.02	1/4	3031.33	1/4	2746.65	1/4	2461.96	1/4	2177.27	1/4	1892.58	1/4	1607.89	1/4	1323.21	1/4	1038.52	1/4	753.83	1/4	469.14		
1/2		1/2	3879.47	1/2	3594.78	1/2	3310.09	1/2	3025.40	1/2	2740.71	1/2	2456.03	1/2	2171.34	1/2	1886.65	1/2	1601.96	1/2	1317.27	1/2	1032.59	1/2	747.90	1/2	463.21		
3/4		3/4	3873.54	3/4	3588.85	3/4	3304.16	3/4	3019.47	3/4	2734.78	3/4	2450.10	3/4	2165.41	3/4	1880.72	3/4	1596.03	3/4	1311.34	3/4	1026.66	3/4	741.97	3/4	457.28		
8		8	3867.60	8	3582.92	8	3298.23	8	3013.54	8	2728.85	8	2444.16	8	2159.48	8	1874.79	8	1590.10	8	1305.41	8	1020.72	8	736.04	8	451.35		
1/4		1/4	3861.67	1/4	3576.99	1/4	3292.30	1/4	3007.61	1/4	2722.92	1/4	2438.23	1/4	2153.55	1/4	1868.86	1/4	1584.17	1/4	1299.48	1/4	1014.79	1/4	730.11	1/4	445.42		
1/2		1/2	3855.74	1/2	3571.05	1/2	3286.37	1/2	3001.68	1/2	2716.99	1/2	2432.30	1/2	2147.61	1/2	1862.93	1/2	1578.24	1/2	1293.55	1/2	1008.86	1/2	724.17	1/2	439.49		
3/4		3/4	3849.81	3/4	3565.12	3/4	3280.44	3/4	2995.75	3/4	2711.06	3/4	2426.37	3/4	2141.68	3/4	1857.00	3/4	1572.31	3/4	1287.62	3/4	1002.93	3/4	718.24	3/4	433.56		
9	4066.21	9	3843.88	9	3559.19	9	3274.50	9	2989.82	9	2705.13	9	2420.44	9	2135.75	9	1851.06	9	1566.38	9	1281.69	9	997.00	9	712.31	9	427.62		
1/4	4066.07	1/4	3837.95	1/4	3553.26	1/4	3268.57	1/4	2983.89	1/4	2699.20	1/4	2414.51	1/4	2129.82	1/4	1845.13	1/4	15										

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

3 PORT CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
0	356.45	0	71.76	0		0		0		0		0		0		0		0		0		0		0		0		0	
1/4	350.52	1/4	65.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	344.59	1/2	59.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	338.66	3/4	54.57	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	332.73	1	49.23	1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	326.80	1/4	43.89	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	320.87	1/2	38.55	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	314.94	3/4	34.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	309.00	2	30.26	2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	303.07	1/4	26.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	297.14	1/2	21.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	291.21	3/4	19.00	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	285.28	3	16.04	3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	279.35	1/4	13.08	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	273.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	267.49	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	261.56	4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	255.63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	249.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	243.76	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	237.83	5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	231.90	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	225.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220.04	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	214.11	6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	208.18	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	202.25	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	196.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	190.38	7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	184.45	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	178.52	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	172.59	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	166.66	8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	160.73	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	154.80	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	148.87	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	142.94	9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	137.01	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	131.07	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	125.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	119.21	10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	113.28	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	107.35	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	101.42	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	95.49	11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	89.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	83.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77.70	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

3 STAR
PORT 4313

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.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.	IN.
0	0	4033.95	0	3754.92	0	3470.23	0	3185.54	0	2900.85	0	2616.16	0	2331.48	0	2046.79	0	1762.10	0	1477.41	0	1192.72	0	908.04	0	623.35	
1/4	1/4	4029.71	1/4	3748.98	1/4	3464.30	1/4	3179.61	1/4	2894.92	1/4	2610.23	1/4	2325.54	1/4	2040.86	1/4	1756.17	1/4	1471.48	1/4	1186.79	1/4	902.10	1/4	617.42	
1/2	1/2	4025.48	1/2	3743.05	1/2	3458.37	1/2	3173.68	1/2	2888.99	1/2	2604.30	1/2	2319.61	1/2	2034.93	1/2	1750.24	1/2	1465.55	1/2	1180.86	1/2	896.17	1/2	611.49	
3/4	3/4	4020.11	3/4	3737.12	3/4	3452.43	3/4	3167.75	3/4	2883.06	3/4	2598.37	3/4	2313.68	3/4	2028.99	3/4	1744.31	3/4	1459.62	3/4	1174.93	3/4	890.24	3/4	605.55	
1	1	4014.75	1	3731.19	1	3446.50	1	3161.82	1	2877.13	1	2592.44	1	2307.75	1	2023.06	1	1738.38	1	1453.69	1	1169.00	1	884.31	1	599.62	
1/4	1/4	4009.38	1/4	3725.26	1/4	3440.57	1/4	3155.88	1/4	2871.20	1/4	2586.51	1/4	2301.82	1/4	2017.13	1/4	1732.44	1/4	1447.76	1/4	1163.07	1/4	878.38	1/4	593.69	
1/2	1/2	4004.02	1/2	3719.33	1/2	3434.64	1/2	3149.95	1/2	2865.27	1/2	2580.58	1/2	2295.89	1/2	2011.20	1/2	1726.51	1/2	1441.83	1/2	1157.14	1/2	872.45	1/2	587.76	
3/4	3/4	3998.09	3/4	3713.40	3/4	3428.71	3/4	3144.02	3/4	2859.33	3/4	2574.65	3/4	2289.96	3/4	2005.27	3/4	1720.58	3/4	1435.89	3/4	1151.21	3/4	866.52	3/4	581.83	
2	2	3992.16	2	3707.47	2	3422.78	2	3138.09	2	2853.40	2	2568.72	2	2284.03	2	1999.34	2	1714.65	2	1429.96	2	1145.28	2	860.59	2	575.90	
1/4	1/4	3986.22	1/4	3701.54	1/4	3416.85	1/4	3132.16	1/4	2847.47	1/4	2562.78	1/4	2278.10	1/4	1993.41	1/4	1708.72	1/4	1424.03	1/4	1139.34	1/4	854.66	1/4	569.97	
1/2	1/2	3980.29	1/2	3695.61	1/2	3410.92	1/2	3126.23	1/2	2841.54	1/2	2556.85	1/2	2272.17	1/2	1987.48	1/2	1702.79	1/2	1418.10	1/2	1133.41	1/2	848.73	1/2	564.04	
3/4	3/4	3974.36	3/4	3689.67	3/4	3404.99	3/4	3120.30	3/4	2835.61	3/4	2550.92	3/4	2266.23	3/4	1981.55	3/4	1696.86	3/4	1412.17	3/4	1127.48	3/4	842.79	3/4	558.11	
3	3	3968.43	3	3683.74	3	3399.06	3	3114.37	3	2829.68	3	2544.99	3	2260.30	3	1975.62	3	1690.93	3	1406.24	3	1121.55	3	836.86	3	552.18	
1/4	1/4	3962.50	1/4	3677.81	1/4	3393.12	1/4	3108.44	1/4	2823.75	1/4	2539.06	1/4	2254.37	1/4	1969.68	1/4	1685.00	1/4	1400.31	1/4	1115.62	1/4	830.93	1/4	546.24	
1/2	1/2	3956.57	1/2	3671.88	1/2	3387.19	1/2	3102.51	1/2	2817.82	1/2	2533.13	1/2	2248.44	1/2	1963.75	1/2	1679.07	1/2	1394.38	1/2	1109.69	1/2	825.00	1/2	540.31	
3/4	3/4	3950.64	3/4	3665.95	3/4	3381.26	3/4	3096.57	3/4	2811.89	3/4	2527.20	3/4	2242.51	3/4	1957.82	3/4	1673.13	3/4	1388.45	3/4	1103.76	3/4	819.07	3/4	534.38	
4	4	3944.71	4	3660.02	4	3375.33	4	3090.64	4	2805.96	4	2521.27	4	2236.58	4	1951.89	4	1667.20	4	1382.52	4	1097.83	4	813.14	4	528.45	
1/4	1/4	3938.78	1/4	3654.09	1/4	3369.40	1/4	3084.71	1/4	2800.02	1/4	2515.34	1/4	2230.65	1/4	1945.96	1/4	1661.27	1/4	1376.58	1/4	1091.90	1/4	807.21	1/4	522.52	
1/2	1/2	3932.85	1/2	3648.16	1/2	3363.47	1/2	3078.78	1/2	2794.09	1/2	2509.41	1/2	2224.72	1/2	1940.03	1/2	1655.34	1/2	1370.65	1/2	1085.97	1/2	801.28	1/2	516.59	
3/4	3/4	3926.91	3/4	3642.23	3/4	3357.54	3/4	3072.85	3/4	2788.16	3/4	2503.47	3/4	2218.79	3/4	1934.10	3/4	1649.41	3/4	1364.72	3/4	1080.03	3/4	795.35	3/4	510.66	
5	5	3920.98	5	3636.30	5	3351.61	5	3066.92	5	2782.23	5	2497.54	5	2212.86	5	1928.17	5	1643.48	5	1358.79	5	1074.10	5	789.42	5	504.73	
1/4	1/4	3915.05	1/4	3630.36	1/4	3345.68	1/4	3060.99	1/4	2776.30	1/4	2491.61	1/4	2206.92	1/4	1922.24	1/4	1637.55	1/4	1352.86	1/4	1068.17	1/4	783.48	1/4	498.80	
1/2	1/2	3909.12	1/2	3624.43	1/2	3339.75	1/2	3055.06	1/2	2770.37	1/2	2485.68	1/2	2200.99	1/2	1916.31	1/2	1631.62	1/2	1346.93	1/2	1062.24	1/2	777.55	1/2	492.87	
3/4	3/4	3903.19	3/4	3618.50	3/4	3333.81	3/4	3049.13	3/4	2764.44	3/4	2479.75	3/4	2195.06	3/4	1910.37	3/4	1625.69	3/4	1341.00	3/4	1056.31	3/4	771.62	3/4	486.93	
6	6	3897.26	6	3612.57	6	3327.88	6	3043.20	6	2758.51	6	2473.82	6	2189.13	6	1904.44	6	1619.76	6	1335.07	6	1050.38	6	765.69	6	481.00	
1/4	1/4	3891.33	1/4	3606.64	1/4	3321.95	1/4	3037.26	1/4	2752.58	1/4	2467.89	1/4	2183.20	1/4	1898.51	1/4	1613.82	1/4	1329.14	1/4	1044.45	1/4	759.76	1/4	475.07	
1/2	1/2	3885.40	1/2	3600.71	1/2	3316.02	1/2	3031.33	1/2	2746.65	1/2	2461.96	1/2	2177.27	1/2	1892.58	1/2	1607.89	1/2	1323.21	1/2	1038.52	1/2	753.83	1/2	469.14	
3/4	3/4	3879.47	3/4	3594.78	3/4	3310.09	3/4	3025.40	3/4	2740.71	3/4	2456.03	3/4	2171.34	3/4	1886.65	3/4	1601.96	3/4	1317.27	3/4	1032.59	3/4	747.90	3/4	463.21	
7	7	3873.54	7	3588.85	7	3304.16	7	3019.47	7	2734.78	7	2450.10	7	2165.41	7	1880.72	7	1596.03	7	1311.34	7	1026.66	7	741.97	7	457.28	
1/4	1/4	3867.60	1/4	3582.92	1/4	3298.23	1/4	3013.54	1/4	2728.85	1/4	2444.16	1/4	2159.48	1/4	1874.79	1/4	1590.10	1/4	1305.41	1/4	1020.72	1/4	736.04	1/4	451.35	
1/2	1/2	3861.67	1/2	3576.99	1/2	3292.30	1/2	3007.61	1/2	2722.92	1/2	2438.23	1/2	2153.55	1/2	1868.86	1/2	1584.17	1/2	1299.48	1/2	1014.79	1/2	730.11	1/2	445.42	
3/4	3/4	3855.74	3/4	3571.05	3/4	3286.37	3/4	3001.68	3/4	2716.99	3/4	2432.30	3/4	2147.61	3/4	1862.93	3/4	1578.24	3/4	1293.55	3/4	1008.86	3/4	724.17	3/4	439.49	
8	8	3849.81	8	3565.12	8	3280.44	8	2995.75	8	2711.06	8	2426.37	8	2141.68	8	1857.00	8	1572.31	8	1287.62	8	1002.93	8	718.24	8	433.56	
1/4	4066.21	1/4	3843.88	1/4	3559.19	1/4	3274.50	1/4	2989.82	1/4	2705.13	1/4	2420.44	1/4	2135.75	1/4	1851.06	1/4	1566.38	1/4	1281.69	1/4	997.00	1/4	712.31	1/4	427.62
1/2	4066.07	1/2	3837.95	1/2	3553.26	1/2	3268.57	1/2	2983.89	1/2	2699.20	1/2	2414.51	1/2	2129.82	1/2	1845.13	1/2	1560.45	1/2	1275.76	1/2	991.07	1/2	706.38	1/2	421.69
3/4	4065.23	3/4	3832.02	3/4	3547.33	3/4	3262.64	3/4	2977.95	3/4	2693.27	3/4	2408.58	3/4	2123.89	3/4	1839.20	3/4	1554.51	3/4	1269.83	3/4	985.14	3/4	700.45	3/4	415.76
9	9	3826.09	9	3541.40	9	3256.71	9	2972.02	9	2687.34	9	2402.65	9	2117.96	9	1833.27	9	1548.58	9	1263.90	9	979.21	9	694.52	9	409.83	
1/4	4063.55	1/4	3820.16	1/4	3535.47	1/4	3250.78	1/4	2966.09	1/4	2681.40	1/4	2396.72	1/4	2112.03	1/4	1827.34	1/4	1542.65	1/4	1257.96	1/4	973.28	1/4	688.59	1/4	403.90
1/2	4062.71	1/2	3814.23																								

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

3 STAR CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.					
0	338.66	0	54.57	0		0		0		0		0		0		0		0		0		0		0		0		0			
1/4	332.73	1/4	49.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	326.80	1/2	43.89	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	320.87	3/4	38.55	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4			
1	314.94	1	34.41	1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	309.00	1/4	30.26	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	303.07	1/2	26.11	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	297.14	3/4	21.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	291.21	2	19.00	2		2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	285.28	1/4	16.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	279.35	1/2	13.08	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	273.42	3/4	10.11	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	267.49	3	8.34	3		3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	261.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	255.63	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	249.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	243.76	4		4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	237.83	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.90	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.97	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	220.04	5		5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	214.11	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	208.18	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	202.25	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	196.32	6		6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	190.38	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	184.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	178.52	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	172.59	7		7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	166.66	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	160.73	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	154.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	148.87	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	142.94	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	137.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	131.07	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	125.14	9		9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	119.21	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113.28	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	107.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	101.42	10		10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	95.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	89.56	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	83.63	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	77.70	11		11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	71.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	65.83	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	59.90	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 PORT
PORT 4313

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	3191.75	0	3054.41	0	2909.60	0	2764.78	0	2619.97	0	2386.12	0	2128.70	0	1871.27	0	1613.85	0	1356.44	0	1099.88	0	842.51	0	585.09		
1/4		1/4	3190.17	1/4	3051.40	1/4	2906.58	1/4	2761.76	1/4	2616.95	1/4	2380.76	1/4	2123.33	1/4	1865.91	1/4	1608.48	1/4	1351.10	1/4	1094.54	1/4	837.15	1/4	579.72		
1/2		1/2	3188.59	1/2	3048.38	1/2	2903.56	1/2	2758.75	1/2	2613.81	1/2	2375.39	1/2	2117.97	1/2	1860.55	1/2	1603.12	1/2	1345.75	1/2	1089.19	1/2	831.79	1/2	574.36		
3/4		3/4	3186.44	3/4	3045.36	3/4	2900.55	3/4	2755.73	3/4	2610.68	3/4	2370.03	3/4	2112.61	3/4	1855.18	3/4	1597.76	3/4	1340.41	3/4	1083.85	3/4	826.42	3/4	569.00		
1		1	3184.28	1	3042.35	1	2897.53	1	2752.71	1	2607.15	1	2364.67	1	2107.24	1	1849.82	1	1592.40	1	1335.06	1	1078.48	1	821.06	1	563.64		
1/4		1/4	3182.13	1/4	3039.33	1/4	2894.51	1/4	2749.70	1/4	2603.62	1/4	2359.30	1/4	2101.88	1/4	1844.46	1/4	1587.03	1/4	1329.72	1/4	1073.12	1/4	815.70	1/4	558.27		
1/2		1/2	3179.98	1/2	3036.31	1/2	2891.50	1/2	2746.68	1/2	2600.09	1/2	2353.94	1/2	2096.52	1/2	1839.09	1/2	1581.67	1/2	1324.37	1/2	1067.76	1/2	810.33	1/2	552.91		
3/4		3/4	3177.25	3/4	3033.29	3/4	2888.48	3/4	2743.66	3/4	2596.57	3/4	2348.58	3/4	2091.15	3/4	1833.73	3/4	1576.31	3/4	1319.03	3/4	1062.39	3/4	804.97	3/4	547.55		
2		2	3174.52	2	3030.28	2	2885.46	2	2740.65	2	2592.51	2	2343.22	2	2085.79	2	1828.37	2	1570.94	2	1313.68	2	1057.03	2	799.61	2	542.18		
1/4		1/4	3171.79	1/4	3027.26	1/4	2882.44	1/4	2737.63	1/4	2588.46	1/4	2337.85	1/4	2080.43	1/4	1823.00	1/4	1565.58	1/4	1308.34	1/4	1051.67	1/4	794.24	1/4	536.82		
1/2		1/2	3169.06	1/2	3024.24	1/2	2879.43	1/2	2734.61	1/2	2584.41	1/2	2332.49	1/2	2075.07	1/2	1817.64	1/2	1560.22	1/2	1302.99	1/2	1046.31	1/2	788.88	1/2	531.46		
3/4		3/4	3166.04	3/4	3021.23	3/4	2876.41	3/4	2731.59	3/4	2580.36	3/4	2327.13	3/4	2069.70	3/4	1812.28	3/4	1554.85	3/4	1297.65	3/4	1040.94	3/4	783.52	3/4	526.09		
3		3	3163.03	3	3018.21	3	2873.39	3	2728.58	3	2575.78	3	2321.76	3	2064.34	3	1806.92	3	1549.49	3	1292.30	3	1035.58	3	778.16	3	520.73		
1/4		1/4	3160.01	1/4	3015.19	1/4	2870.38	1/4	2725.56	1/4	2571.20	1/4	2316.40	1/4	2058.98	1/4	1801.55	1/4	1544.13	1/4	1286.96	1/4	1030.22	1/4	772.79	1/4	515.37		
1/2		1/2	3156.99	1/2	3012.18	1/2	2867.36	1/2	2722.54	1/2	2566.63	1/2	2311.04	1/2	2053.61	1/2	1796.19	1/2	1538.77	1/2	1281.61	1/2	1024.85	1/2	767.43	1/2	510.01		
3/4		3/4	3153.97	3/4	3009.16	3/4	2864.34	3/4	2719.53	3/4	2562.05	3/4	2305.67	3/4	2048.25	3/4	1790.83	3/4	1533.40	3/4	1276.27	3/4	1019.49	3/4	762.07	3/4	504.64		
4		4	3150.96	4	3006.14	4	2861.33	4	2716.51	4	2556.95	4	2300.31	4	2042.89	4	1785.46	4	1528.04	4	1270.92	4	1014.13	4	756.70	4	499.28		
1/4		1/4	3147.94	1/4	3003.12	1/4	2858.31	1/4	2713.49	1/4	2551.85	1/4	2294.95	1/4	2037.52	1/4	1780.10	1/4	1522.68	1/4	1265.58	1/4	1008.76	1/4	751.34	1/4	493.92		
1/2		1/2	3144.92	1/2	3000.11	1/2	2855.29	1/2	2710.48	1/2	2546.75	1/2	2289.59	1/2	2032.16	1/2	1774.74	1/2	1517.31	1/2	1260.23	1/2	1003.40	1/2	745.98	1/2	488.55		
3/4		3/4	3141.91	3/4	2997.09	3/4	2852.27	3/4	2707.46	3/4	2541.65	3/4	2284.22	3/4	2026.80	3/4	1769.37	3/4	1511.95	3/4	1254.89	3/4	998.04	3/4	740.61	3/4	483.19		
5		5	3138.89	5	2994.07	5	2849.26	5	2704.44	5	2536.28	5	2278.86	5	2021.44	5	1764.01	5	1506.59	5	1249.54	5	992.68	5	735.25	5	477.83		
1/4		1/4	3135.87	1/4	2991.06	1/4	2846.24	1/4	2701.42	1/4	2530.92	1/4	2273.50	1/4	2016.07	1/4	1758.65	1/4	1501.22	1/4	1244.20	1/4	987.31	1/4	729.89	1/4	472.46		
1/2		1/2	3132.86	1/2	2988.04	1/2	2843.22	1/2	2698.41	1/2	2525.56	1/2	2268.13	1/2	2010.71	1/2	1753.29	1/2	1495.86	1/2	1238.85	1/2	981.95	1/2	724.53	1/2	467.10		
3/4		3/4	3129.84	3/4	2985.02	3/4	2840.21	3/4	2695.39	3/4	2520.19	3/4	2262.77	3/4	2005.35	3/4	1747.92	3/4	1490.50	3/4	1233.51	3/4	976.59	3/4	719.16	3/4	461.74		
6		6	3126.82	6	2982.01	6	2837.19	6	2692.37	6	2514.83	6	2257.41	6	1999.98	6	1742.56	6	1485.14	6	1228.16	6	971.22	6	713.80	6	456.38		
1/4		1/4	3123.80	1/4	2978.99	1/4	2834.17	1/4	2689.36	1/4	2509.47	1/4	2252.04	1/4	1994.62	1/4	1737.20	1/4	1479.77	1/4	1222.82	1/4	965.86	1/4	708.44	1/4	451.01		
1/2		1/2	3120.79	1/2	2975.97	1/2	2831.16	1/2	2686.34	1/2	2504.11	1/2	2246.68	1/2	1989.26	1/2	1731.83	1/2	1474.41	1/2	1217.47	1/2	960.50	1/2	703.07	1/2	445.65		
3/4		3/4	3117.77	3/4	2972.95	3/4	2828.14	3/4	2683.32	3/4	2498.74	3/4	2241.32	3/4	1983.89	3/4	1726.47	3/4	1469.05	3/4	1212.13	3/4	955.13	3/4	697.71	3/4	440.29		
7		7	3114.75	7	2969.94	7	2825.12	7	2680.31	7	2493.38	7	2235.96	7	1978.53	7	1721.11	7	1463.68	7	1206.78	7	949.77	7	692.35	7	434.92		
1/4		1/4	3111.74	1/4	2966.92	1/4	2822.10	1/4	2677.29	1/4	2488.02	1/4	2230.59	1/4	1973.17	1/4	1715.74	1/4	1458.32	1/4	1201.44	1/4	944.41	1/4	686.98	1/4	429.56		
1/2		1/2	3108.72	1/2	2963.90	1/2	2819.09	1/2	2674.27	1/2	2482.65	1/2	2225.23	1/2	1967.81	1/2	1710.38	1/2	1452.96	1/2	1196.09	1/2	939.05	1/2	681.62	1/2	424.20		
3/4		3/4	3105.70	3/4	2960.89	3/4	2816.07	3/4	2671.25	3/4	2477.29	3/4	2219.87	3/4	1962.44	3/4	1705.02	3/4	1447.59	3/4	1190.75	3/4	933.68	3/4	676.26	3/4	418.83		
8		8	3102.69	8	2957.87	8	2813.05	8	2668.24	8	2471.93	8	2214.50	8	1957.08	8	1699.66	8	1442.23	8	1185.40	8	928.32	8	670.90	8	413.47		
1/4		1/4	3099.67	1/4	2954.85	1/4	2810.04	1/4	2665.22	1/4	2466.56	1/4	2209.14	1/4	1951.72	1/4	1694.29	1/4	1436.87	1/4	1180.06	1/4	922.96	1/4	665.53	1/4	408.11		
1/2		1/2	3096.65	1/2	2951.84	1/2	2807.02	1/2	2662.20	1/2	2461.20	1/2	2203.78	1/2	1946.35	1/2	1688.93	1/2	1431.51	1/2	1174.71	1/2	917.59	1/2	660.17	1/2	402.75		
3/4		3/4	3093.63	3/4	2948.82	3/4	2804.00	3/4	2659.19	3/4	2455.84	3/4	2198.41	3/4	1940.99	3/4	1683.57	3/4	1426.14	3/4	1169.37	3/4	912.23	3/4	654.81	3/4	397.38		
9		9	3090.62	9	2945.80	9	2800.99	9	2656.17	9	2450.48	9	2193.05	9	1935.63	9	1678.20	9	1420.78	9	1164.02	9	906.87	9	649.44	9	392.02		
1/4	3200.70	1/4	3087.60	1/4	2942.78	1/4	2797.97	1/4	2653.15	1/4	2445.11	1/4	2187.69	1/4	1930.26	1/4	1672.84	1/4	1415.42	1/4	1158.								

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 PORT CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.			
0	327.66	0	70.24	0		0		0		0		0		0		0		0		0		0		0		0		0	
1/4	322.30	1/4	64.88	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	316.94	1/2	59.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	311.57	3/4	54.15	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	306.21	1	49.33	1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	300.85	1/4	44.50	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	295.49	1/2	39.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290.12	3/4	34.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	284.76	2	31.10	2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	279.40	1/4	27.35	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	274.03	1/2	23.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	268.67	3/4	19.85	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	263.31	3	17.18	3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	257.94	1/4	14.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	252.58	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	247.22	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	241.86	4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	236.49	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	231.13	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	225.77	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	220.40	5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	215.04	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	209.68	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	204.31	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	198.95	6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	193.59	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	188.23	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	182.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	177.50	7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	172.14	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	166.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	161.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	156.05	8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	150.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	145.32	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	139.96	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	134.60	9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	129.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	123.87	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	118.51	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	113.14	10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	107.78	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	102.42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	97.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	91.69	11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	86.33	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	80.97	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	75.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3 1/4" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 STAR
PORT 4313

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	3190.17	0	3051.40	0	2906.58	0	2761.76	0	2616.95	0	2380.76	0	2123.33	0	1865.91	0	1608.48	0	1351.10	0	1094.54	0	837.15	0	579.72		
1/4		1/4	3188.59	1/4	3048.38	1/4	2903.56	1/4	2758.75	1/4	2613.81	1/4	2375.39	1/4	2117.97	1/4	1860.55	1/4	1603.12	1/4	1345.75	1/4	1089.19	1/4	831.79	1/4	574.36		
1/2		1/2	3186.44	1/2	3045.36	1/2	2900.55	1/2	2755.73	1/2	2610.68	1/2	2370.03	1/2	2112.61	1/2	1855.18	1/2	1597.76	1/2	1340.41	1/2	1083.85	1/2	826.42	1/2	569.00		
3/4		3/4	3184.28	3/4	3042.35	3/4	2897.53	3/4	2752.71	3/4	2607.15	3/4	2364.67	3/4	2107.24	3/4	1849.82	3/4	1592.40	3/4	1335.06	3/4	1078.48	3/4	821.06	3/4	563.64		
1		1	3182.13	1	3039.33	1	2894.51	1	2749.70	1	2603.62	1	2359.30	1	2101.88	1	1844.46	1	1587.03	1	1329.72	1	1073.12	1	815.70	1	558.27		
1/4		1/4	3179.98	1/4	3036.31	1/4	2891.50	1/4	2746.68	1/4	2600.09	1/4	2353.94	1/4	2096.52	1/4	1839.09	1/4	1581.67	1/4	1324.37	1/4	1067.76	1/4	810.33	1/4	552.91		
1/2		1/2	3177.25	1/2	3033.29	1/2	2888.48	1/2	2743.66	1/2	2596.57	1/2	2348.58	1/2	2091.15	1/2	1833.73	1/2	1576.31	1/2	1319.03	1/2	1062.39	1/2	804.97	1/2	547.55		
3/4		3/4	3174.52	3/4	3030.28	3/4	2885.46	3/4	2740.65	3/4	2592.51	3/4	2343.22	3/4	2085.79	3/4	1828.37	3/4	1570.94	3/4	1313.68	3/4	1057.03	3/4	799.61	3/4	542.18		
2		2	3171.79	2	3027.26	2	2882.44	2	2737.63	2	2588.46	2	2337.85	2	2080.43	2	1823.00	2	1565.58	2	1308.34	2	1051.67	2	794.24	2	536.82		
1/4		1/4	3169.06	1/4	3024.24	1/4	2879.43	1/4	2734.61	1/4	2584.41	1/4	2332.49	1/4	2075.07	1/4	1817.64	1/4	1560.22	1/4	1302.99	1/4	1046.31	1/4	788.88	1/4	531.46		
1/2		1/2	3166.04	1/2	3021.23	1/2	2876.41	1/2	2731.59	1/2	2580.36	1/2	2327.13	1/2	2069.70	1/2	1812.28	1/2	1554.85	1/2	1297.65	1/2	1040.94	1/2	783.52	1/2	526.09		
3/4		3/4	3163.03	3/4	3018.21	3/4	2873.39	3/4	2728.58	3/4	2575.78	3/4	2321.76	3/4	2064.34	3/4	1806.92	3/4	1549.49	3/4	1292.30	3/4	1035.58	3/4	778.16	3/4	520.73		
3		3	3160.01	3	3015.19	3	2870.38	3	2725.56	3	2571.20	3	2316.40	3	2058.98	3	1801.55	3	1544.13	3	1286.96	3	1030.22	3	772.79	3	515.37		
1/4		1/4	3156.99	1/4	3012.18	1/4	2867.36	1/4	2722.54	1/4	2566.63	1/4	2311.04	1/4	2053.61	1/4	1796.19	1/4	1538.77	1/4	1281.61	1/4	1024.85	1/4	767.43	1/4	510.01		
1/2		1/2	3153.97	1/2	3009.16	1/2	2864.34	1/2	2719.53	1/2	2562.05	1/2	2305.67	1/2	2048.25	1/2	1790.83	1/2	1533.40	1/2	1276.27	1/2	1019.49	1/2	762.07	1/2	504.64		
3/4		3/4	3150.96	3/4	3006.14	3/4	2861.33	3/4	2716.51	3/4	2556.95	3/4	2300.31	3/4	2042.89	3/4	1785.46	3/4	1528.04	3/4	1270.92	3/4	1014.13	3/4	756.70	3/4	499.28		
4		4	3147.94	4	3003.12	4	2858.31	4	2713.49	4	2551.85	4	2294.95	4	2037.52	4	1780.10	4	1522.68	4	1265.58	4	1008.76	4	751.34	4	493.92		
1/4		1/4	3144.92	1/4	3000.11	1/4	2855.29	1/4	2710.48	1/4	2546.75	1/4	2289.59	1/4	2032.16	1/4	1774.74	1/4	1517.31	1/4	1260.23	1/4	1003.40	1/4	745.98	1/4	488.55		
1/2		1/2	3141.91	1/2	2997.09	1/2	2852.27	1/2	2707.46	1/2	2541.65	1/2	2284.22	1/2	2026.80	1/2	1769.37	1/2	1511.95	1/2	1254.89	1/2	998.04	1/2	740.61	1/2	483.19		
3/4		3/4	3138.89	3/4	2994.07	3/4	2849.26	3/4	2704.44	3/4	2536.28	3/4	2278.86	3/4	2021.44	3/4	1764.01	3/4	1506.59	3/4	1249.54	3/4	992.68	3/4	735.25	3/4	477.83		
5		5	3135.87	5	2991.06	5	2846.24	5	2701.42	5	2530.92	5	2273.50	5	2016.07	5	1758.65	5	1501.22	5	1244.20	5	987.31	5	729.89	5	472.46		
1/4		1/4	3132.86	1/4	2988.04	1/4	2843.22	1/4	2698.41	1/4	2525.56	1/4	2268.13	1/4	2010.71	1/4	1753.29	1/4	1495.86	1/4	1238.85	1/4	981.95	1/4	724.53	1/4	467.10		
1/2		1/2	3129.84	1/2	2985.02	1/2	2840.21	1/2	2695.39	1/2	2520.19	1/2	2262.77	1/2	2005.35	1/2	1747.92	1/2	1490.50	1/2	1233.51	1/2	976.59	1/2	719.16	1/2	461.74		
3/4		3/4	3126.82	3/4	2982.01	3/4	2837.19	3/4	2692.37	3/4	2514.83	3/4	2257.41	3/4	1999.98	3/4	1742.56	3/4	1485.14	3/4	1228.16	3/4	971.22	3/4	713.80	3/4	456.38		
6		6	3123.80	6	2978.99	6	2834.17	6	2689.36	6	2509.47	6	2252.04	6	1994.62	6	1737.20	6	1479.77	6	1222.82	6	965.86	6	708.44	6	451.01		
1/4		1/4	3120.79	1/4	2975.97	1/4	2831.16	1/4	2686.34	1/4	2504.11	1/4	2246.68	1/4	1989.26	1/4	1731.83	1/4	1474.41	1/4	1217.47	1/4	960.50	1/4	703.07	1/4	445.65		
1/2		1/2	3117.77	1/2	2972.95	1/2	2828.14	1/2	2683.32	1/2	2498.74	1/2	2241.32	1/2	1983.89	1/2	1726.47	1/2	1469.05	1/2	1212.13	1/2	955.13	1/2	697.71	1/2	440.29		
3/4		3/4	3114.75	3/4	2969.94	3/4	2825.12	3/4	2680.31	3/4	2493.38	3/4	2235.96	3/4	1978.53	3/4	1721.11	3/4	1463.68	3/4	1206.78	3/4	949.77	3/4	692.35	3/4	434.92		
7		7	3111.74	7	2966.92	7	2822.10	7	2677.29	7	2488.02	7	2230.59	7	1973.17	7	1715.74	7	1458.32	7	1201.44	7	944.41	7	686.98	7	429.56		
1/4		1/4	3108.72	1/4	2963.90	1/4	2819.09	1/4	2674.27	1/4	2482.65	1/4	2225.23	1/4	1967.81	1/4	1710.38	1/4	1452.96	1/4	1196.09	1/4	939.05	1/4	681.62	1/4	424.20		
1/2		1/2	3105.70	1/2	2960.89	1/2	2816.07	1/2	2671.25	1/2	2477.29	1/2	2219.87	1/2	1962.44	1/2	1705.02	1/2	1447.59	1/2	1190.75	1/2	933.68	1/2	676.26	1/2	418.83		
3/4		3/4	3102.69	3/4	2957.87	3/4	2813.05	3/4	2668.24	3/4	2471.93	3/4	2214.50	3/4	1957.08	3/4	1699.66	3/4	1442.23	3/4	1185.40	3/4	928.32	3/4	670.90	3/4	413.47		
8		8	3099.67	8	2954.85	8	2810.04	8	2665.22	8	2466.56	8	2209.14	8	1951.72	8	1694.29	8	1436.87	8	1180.06	8	922.96	8	665.53	8	408.11		
1/4		1/4	3096.65	1/4	2951.84	1/4	2807.02	1/4	2662.20	1/4	2461.20	1/4	2203.78	1/4	1946.35	1/4	1688.93	1/4	1431.51	1/4	1174.71	1/4	917.59	1/4	660.17	1/4	402.75		
1/2		1/2	3093.63	1/2	2948.82	1/2	2804.00	1/2	2659.19	1/2	2455.84	1/2	2198.41	1/2	1940.99	1/2	1683.57	1/2	1426.14	1/2	1169.37	1/2	912.23	1/2	654.81	1/2	397.38		
3/4		3/4	3090.62	3/4	2945.80	3/4	2800.99	3/4	2656.17	3/4	2450.48	3/4	2193.05	3/4	1935.63	3/4	1678.20	3/4	1420.78	3/4	1164.02	3/4	906.87	3/4	649.44	3/4	392.02		
9	3200.70	9	3087.60	9	2942.78	9	2797.97	9	2653.15	9	2445.11	9	2187.69	9	1930.26	9	1672.84	9	1415.42	9	1158.68	9	901.50	9	644.08	9	386.66		
1/4	3200.63	1/4	3084.58	1/4	2939.77	1/4	2794.95	1/4	2650.14	1/4	2439.75	1/4	2182.33	1/4	1924.90	1/4	1667.48	1/4	1410.05	1/4									

MAGNOLIA MARINE - BARGE "MM 110"

OUTAGE TABLE

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

4 STAR CONT

14 FEET		15 FEET		16 FEET		17 FEET		18 FEET		19 FEET		20 FEET		21 FEET		22 FEET		23 FEET		24 FEET		25 FEET		26 FEET		FEET					
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.					
0	322.30	0	64.88	0		0		0		0		0		0		0		0		0		0		0		0		0			
1/4	316.94	1/4	59.51	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4			
1/2	311.57	1/2	54.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2			
3/4	306.21	3/4	49.33	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	300.85	1	44.50	1		1		1		1		1		1		1		1		1		1		1		1		1		1	
1/4	295.49	1/4	39.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	290.12	1/2	34.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	284.76	3/4	31.10	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	279.40	2	27.35	2		2		2		2		2		2		2		2		2		2		2		2		2		2	
1/4	274.03	1/4	23.60	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	268.67	1/2	19.85	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	263.31	3/4	17.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	257.94	3	14.51	3		3		3		3		3		3		3		3		3		3		3		3		3		3	
1/4	252.58	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	247.22	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	241.86	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	236.49	4		4		4		4		4		4		4		4		4		4		4		4		4		4		4	
1/4	231.13	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	225.77	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	220.40	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	215.04	5		5		5		5		5		5		5		5		5		5		5		5		5		5		5	
1/4	209.68	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	204.31	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	198.95	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	193.59	6		6		6		6		6		6		6		6		6		6		6		6		6		6		6	
1/4	188.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	182.86	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	177.50	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	172.14	7		7		7		7		7		7		7		7		7		7		7		7		7		7		7	
1/4	166.77	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	161.41	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	156.05	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	150.68	8		8		8		8		8		8		8		8		8		8		8		8		8		8		8	
1/4	145.32	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	139.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	134.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	129.23	9		9		9		9		9		9		9		9		9		9		9		9		9		9		9	
1/4	123.87	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	118.51	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	113.14	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	107.78	10		10		10		10		10		10		10		10		10		10		10		10		10		10		10	
1/4	102.42	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	97.05	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	91.69	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	86.33	11		11		11		11		11		11		11		11		11		11		11		11		11		11		11	
1/4	80.97	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	75.60	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	70.24	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

CAPACITY IN: 42-GALLON BARRELS

GAUGE HEIGHT: 15'-3" (RIM OF HATCH OPPOSITE HINGE LOCATED NEAR CENTER OF TANK)

STRAPPED 4/27/98

*CAPACITY BELOW STRIKE POINT