

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	4201.93	0	3885.04	0	3568.14	0	3251.24	0	2934.35	0	2617.45	0	2300.56	0	1983.66	0	1666.76	0	1349.87	0	1032.97	0	716.08	0	414.36	0	165.9
1/4		1/4	4195.33	1/4	3878.43	1/4	3561.54	1/4	3244.64	1/4	2927.75	1/4	2610.85	1/4	2293.95	1/4	1977.06	1/4	1660.16	1/4	1343.27	1/4	1026.37	1/4	709.47	1/4	408.62	1/4	161.31
1/2		1/2	4188.73	1/2	3871.83	1/2	3554.94	1/2	3238.04	1/2	2921.14	1/2	2604.25	1/2	2287.35	1/2	1970.46	1/2	1653.56	1/2	1336.66	1/2	1019.77	1/2	702.87	1/2	403.03	1/2	156.87
3/4		3/4	4182.13	3/4	3865.23	3/4	3548.33	3/4	3231.44	3/4	2914.54	3/4	2597.65	3/4	2280.75	3/4	1963.85	3/4	1646.96	3/4	1330.06	3/4	1013.17	3/4	696.27	3/4	397.43	3/4	152.42
1		1	4175.52	1	3858.63	1	3541.73	1	3224.84	1	2907.94	1	2591.04	1	2274.15	1	1957.25	1	1640.36	1	1323.46	1	1006.56	1	689.67	1	391.84	1	147.97
1/4		1/4	4168.92	1/4	3852.03	1/4	3535.13	1/4	3218.23	1/4	2901.34	1/4	2594.44	1/4	2267.55	1/4	1950.65	1/4	1633.75	1/4	1316.86	1/4	999.96	1/4	683.07	1/4	386.24	1/4	143.53
1/2		1/2	4162.32	1/2	3845.42	1/2	3528.53	1/2	3211.63	1/2	2894.74	1/2	2577.84	1/2	2260.94	1/2	1944.05	1/2	1627.15	1/2	1310.26	1/2	993.36	1/2	676.46	1/2	380.65	1/2	139.08
3/4		3/4	4155.72	3/4	3838.82	3/4	3521.93	3/4	3205.03	3/4	2888.13	3/4	2571.24	3/4	2254.34	3/4	1937.45	3/4	1620.55	3/4	1303.65	3/4	986.76	3/4	669.86	3/4	375.05	3/4	134.64
2		2	4149.12	2	3832.22	2	3515.32	2	3198.43	2	2881.53	2	2564.64	2	2247.74	2	1930.84	2	1613.95	2	1297.05	2	980.16	2	663.26	2	369.46	2	130.19
1/4		1/4	4142.51	1/4	3825.62	1/4	3508.72	1/4	3191.83	1/4	2874.93	1/4	2558.03	1/4	2241.14	1/4	1924.24	1/4	1607.35	1/4	1290.45	1/4	973.55	1/4	656.66	1/4	363.86	1/4	125.74
1/2		1/2	4135.91	1/2	3819.02	1/2	3502.12	1/2	3185.22	1/2	2868.33	1/2	2551.43	1/2	2234.54	1/2	1917.64	1/2	1600.74	1/2	1283.85	1/2	966.95	1/2	650.06	1/2	358.27	1/2	121.3
3/4		3/4	4129.31	3/4	3812.41	3/4	3495.52	3/4	3178.62	3/4	2861.73	3/4	2544.83	3/4	2227.93	3/4	1911.04	3/4	1594.14	3/4	1277.25	3/4	960.35	3/4	643.45	3/4	352.67	3/4	116.85
3		3	4122.71	3	3805.81	3	3488.92	3	3172.02	3	2855.12	3	2538.23	3	2221.33	3	1904.44	3	1587.54	3	1270.64	3	953.75	3	636.85	3	347.08	3	112.41
1/4		1/4	4116.11	1/4	3799.21	1/4	3482.31	1/4	3165.42	1/4	2848.52	1/4	2531.63	1/4	2214.73	1/4	1897.83	1/4	1580.94	1/4	1264.04	1/4	947.15	1/4	630.32	1/4	341.62	1/4	108.1
1/2	4353.57	1/2	4109.50	1/2	3792.61	1/2	3475.71	1/2	3158.82	1/2	2841.92	1/2	2525.02	1/2	2208.13	1/2	1891.23	1/2	1574.34	1/2	1257.44	1/2	940.54	1/2	623.86	1/2	336.32	1/2	103.95
3/4	4353.5	3/4	4102.9	3/4	3786.01	3/4	3469.11	3/4	3152.21	3/4	2835.32	3/4	2518.42	3/4	2201.53	3/4	1884.63	3/4	1567.73	3/4	1250.84	3/4	933.94	3/4	617.41	3/4	331.01	3/4	99.79
4	4352.97	4	4096.3	4	3779.40	4	3462.51	4	3145.61	4	2828.72	4	2511.82	4	2194.92	4	1878.03	4	1561.13	4	1244.24	4	927.34	4	610.95	4	325.7	4	95.63
1/4	4352.04	1/4	4089.7	1/4	3772.8	1/4	3455.91	1/4	3139.01	1/4	2822.11	1/4	2505.22	1/4	2188.32	1/4	1871.43	1/4	1554.53	1/4	1237.63	1/4	920.74	1/4	604.49	1/4	320.39	1/4	91.47
1/2	4351.11	1/2	4083.1	1/2	3766.2	1/2	3449.30	1/2	3132.41	1/2	2815.51	1/2	2498.62	1/2	2181.72	1/2	1864.82	1/2	1547.93	1/2	1231.03	1/2	914.14	1/2	598.04	1/2	315.08	1/2	87.31
3/4	4350.19	3/4	4076.49	3/4	3759.6	3/4	3442.7	3/4	3125.81	3/4	2808.91	3/4	2492.01	3/4	2175.12	3/4	1858.22	3/4	1541.33	3/4	1224.43	3/4	907.53	3/4	591.58	3/4	309.78	3/4	83.16
5	4348.63	5	4069.89	5	3753	5	3436.1	5	3119.20	5	2802.31	5	2485.41	5	2168.52	5	1851.62	5	1534.72	5	1217.83	5	900.93	5	585.12	5	304.47	5	79
1/4	4346.44	1/4	4063.29	1/4	3746.39	1/4	3429.5	1/4	3112.6	1/4	2795.71	1/4	2478.81	1/4	2161.91	1/4	1845.02	1/4	1528.12	1/4	1211.23	1/4	894.33	1/4	578.67	1/4	299.16	1/4	74.84
1/2	4344.26	1/2	4056.69	1/2	3739.79	1/2	3422.9	1/2	3106	1/2	2789.10	1/2	2472.21	1/2	2155.31	1/2	1838.42	1/2	1521.52	1/2	1204.62	1/2	887.73	1/2	572.21	1/2	293.85	1/2	70.68
3/4	4342.07	3/4	4050.09	3/4	3733.19	3/4	3416.29	3/4	3099.4	3/4	2782.5	3/4	2465.61	3/4	2148.71	3/4	1831.81	3/4	1514.92	3/4	1198.02	3/4	881.13	3/4	565.75	3/4	288.54	3/4	66.52
6	4339.25	6	4043.48	6	3726.59	6	3409.69	6	3092.8	6	2775.9	6	2459.00	6	2142.11	6	1825.21	6	1508.32	6	1191.42	6	874.52	6	559.29	6	283.24	6	62.37
1/4	4335.8	1/4	4036.88	1/4	3719.99	1/4	3403.09	1/4	3086.19	1/4	2769.3	1/4	2452.4	1/4	2135.51	1/4	1818.61	1/4	1501.71	1/4	1184.82	1/4	867.92	1/4	552.98	1/4	278.07	1/4	58.35
1/2	4332.35	1/2	4030.28	1/2	3713.38	1/2	3396.49	1/2	3079.59	1/2	2762.7	1/2	2445.8	1/2	2128.90	1/2	1812.01	1/2	1495.11	1/2	1178.22	1/2	861.32	1/2	546.81	1/2	273.05	1/2	54.48
3/4	4328.9	3/4	4023.68	3/4	3706.78	3/4	3389.89	3/4	3072.99	3/4	2756.09	3/4	2439.2	3/4	2122.3	3/4	1805.41	3/4	1488.51	3/4	1171.61	3/4	854.72	3/4	540.64	3/4	268.03	3/4	50.61
7	4324.83	7	4017.08	7	3700.18	7	3383.28	7	3066.39	7	2749.49	7	2432.6	7	2115.7	7	1798.80	7	1481.91	7	1165.01	7	848.12	7	534.47	7	263.01	7	47
1/4	4320.12	1/4	4010.47	1/4	3693.58	1/4	3376.68	1/4	3059.79	1/4	2742.89	1/4	2425.99	1/4	2109.1	1/4	1792.2	1/4	1475.31	1/4	1158.41	1/4	841.51	1/4	528.3	1/4	257.99	1/4	43
1/2	4315.41	1/2	4003.87	1/2	3686.98	1/2	3370.08	1/2	3053.18	1/2	2736.29	1/2	2419.39	1/2	2102.5	1/2	1785.6	1/2	1468.70	1/2	1151.81	1/2	834.91	1/2	522.13	1/2	252.97	1/2	39
3/4	4310.7	3/4	3997.27	3/4	3680.37	3/4	3363.48	3/4	3046.58	3/4	2729.69	3/4	2412.79	3/4	2095.89	3/4	1779	3/4	1462.1	3/4	1145.21	3/4	828.31	3/4	515.95	3/4	247.95	3/4	35.87
8	4305.35	8	3990.67	8	3673.77	8	3356.88	8	3039.98	8	2723.08	8	2406.19	8	2089.29	8	1772.4	8	1455.5	8	1138.60	8	821.71	8	509.78	8	242.92	8	32.3
1/4	4299.38	1/4	3984.07	1/4	3667.17	1/4	3350.27	1/4	3033.38	1/4	2716.48	1/4	2399.59	1/4	2082.69	1/4	1765.79	1/4	1448.9	1/4	1132	1/4	815.11	1/4	503.61	1/4	237.9	1/4	29.02
1/2	4293.41	1/2	3977.46	1/2	3660.57	1/2	3346.67	1/2	3026.78	1/2	2709.88	1/2	2392.98	1/2	2076.09	1/2	1759.19	1/2	1442.3	1/2	1125.4	1/2	808.50	1/2	497.44	1/2	232.88	1/2	26.05
3/4	4287.44	3/4	3970.86	3																									

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	4195.33	0	3878.43	0	3561.54	0	3244.64	0	2927.75	0	2610.85	0	2293.95	0	1977.06	0	1660.16	0	1343.27	0	1026.37	0	709.47	0	408.62	0	161.31
1/4		1/4	4188.73	1/4	3871.83	1/4	3554.94	1/4	3238.04	1/4	2921.14	1/4	2604.25	1/4	2287.35	1/4	1970.46	1/4	1653.56	1/4	1336.66	1/4	1019.77	1/4	702.87	1/4	403.03	1/4	156.87
1/2		1/2	4182.13	1/2	3865.23	1/2	3548.33	1/2	3231.44	1/2	2914.54	1/2	2597.65	1/2	2280.75	1/2	1963.85	1/2	1646.96	1/2	1330.06	1/2	1013.17	1/2	696.27	1/2	397.43	1/2	152.42
3/4		3/4	4175.52	3/4	3858.63	3/4	3541.73	3/4	3224.84	3/4	2907.94	3/4	2591.04	3/4	2274.15	3/4	1957.25	3/4	1640.36	3/4	1323.46	3/4	1006.56	3/4	689.67	3/4	391.84	3/4	147.97
1		1	4168.92	1	3852.03	1	3535.13	1	3218.23	1	2901.34	1	2584.44	1	2267.55	1	1950.65	1	1633.75	1	1316.86	1	999.96	1	683.07	1	386.24	1	143.53
1/4		1/4	4162.32	1/4	3845.42	1/4	3528.53	1/4	3211.63	1/4	2894.74	1/4	2577.84	1/4	2260.94	1/4	1944.05	1/4	1627.15	1/4	1310.26	1/4	993.36	1/4	676.46	1/4	380.65	1/4	139.08
1/2		1/2	4155.72	1/2	3838.82	1/2	3521.93	1/2	3205.03	1/2	2888.13	1/2	2571.24	1/2	2254.34	1/2	1937.45	1/2	1620.55	1/2	1303.65	1/2	986.76	1/2	669.86	1/2	375.05	1/2	134.64
3/4		3/4	4149.12	3/4	3832.22	3/4	3515.32	3/4	3198.43	3/4	2881.53	3/4	2564.64	3/4	2247.74	3/4	1930.84	3/4	1613.95	3/4	1297.05	3/4	980.16	3/4	663.26	3/4	369.46	3/4	130.19
2		2	4142.51	2	3825.62	2	3508.72	2	3191.83	2	2874.93	2	2558.03	2	2241.14	2	1924.24	2	1607.35	2	1290.45	2	973.55	2	656.66	2	363.86	2	125.74
1/4		1/4	4135.91	1/4	3819.02	1/4	3502.12	1/4	3185.22	1/4	2868.33	1/4	2551.43	1/4	2234.54	1/4	1917.64	1/4	1600.74	1/4	1283.85	1/4	966.95	1/4	650.06	1/4	358.27	1/4	121.3
1/2		1/2	4129.31	1/2	3812.41	1/2	3495.52	1/2	3178.62	1/2	2861.73	1/2	2544.83	1/2	2227.93	1/2	1911.04	1/2	1594.14	1/2	1277.25	1/2	960.35	1/2	643.45	1/2	352.67	1/2	116.85
3/4		3/4	4122.71	3/4	3805.81	3/4	3488.92	3/4	3172.02	3/4	2855.12	3/4	2538.23	3/4	2221.33	3/4	1904.44	3/4	1587.54	3/4	1270.64	3/4	953.75	3/4	636.85	3/4	347.08	3/4	112.41
3		3	4116.11	3	3799.21	3	3482.31	3	3165.42	3	2848.52	3	2531.63	3	2214.73	3	1897.83	3	1580.94	3	1264.04	3	947.15	3	630.32	3	341.62	3	108.1
1/4	4353.57	1/4	4109.5	1/4	3792.61	1/4	3475.71	1/4	3158.82	1/4	2841.92	1/4	2525.02	1/4	2208.13	1/4	1891.23	1/4	1574.34	1/4	1257.44	1/4	940.54	1/4	623.86	1/4	336.32	1/4	103.95
1/2	4353.5	1/2	4102.90	1/2	3786.01	1/2	3469.11	1/2	3152.21	1/2	2835.32	1/2	2518.42	1/2	2201.53	1/2	1884.63	1/2	1567.73	1/2	1250.84	1/2	933.94	1/2	617.41	1/2	331.01	1/2	99.79
3/4	4352.97	3/4	4096.3	3/4	3779.4	3/4	3462.51	3/4	3145.61	3/4	2828.72	3/4	2511.82	3/4	2194.92	3/4	1878.03	3/4	1561.13	3/4	1244.24	3/4	927.34	3/4	610.95	3/4	325.7	3/4	95.63
4	4352.04	4	4089.7	4	3772.80	4	3455.91	4	3139.01	4	2822.11	4	2505.22	4	2188.32	4	1871.43	4	1554.53	4	1237.63	4	920.74	4	604.49	4	320.39	4	91.47
1/4	4351.11	1/4	4083.1	1/4	3766.2	1/4	3449.3	1/4	3132.41	1/4	2815.51	1/4	2498.62	1/4	2181.72	1/4	1864.82	1/4	1547.93	1/4	1231.03	1/4	914.14	1/4	598.04	1/4	315.08	1/4	87.31
1/2	4350.19	1/2	4076.49	1/2	3759.6	1/2	3442.70	1/2	3125.81	1/2	2808.91	1/2	2492.01	1/2	2175.12	1/2	1858.22	1/2	1541.33	1/2	1224.43	1/2	907.53	1/2	591.58	1/2	309.78	1/2	83.16
3/4	4348.63	3/4	4069.89	3/4	3753	3/4	3436.1	3/4	3119.2	3/4	2802.31	3/4	2485.41	3/4	2168.52	3/4	1851.62	3/4	1534.72	3/4	1217.83	3/4	900.93	3/4	585.12	3/4	304.47	3/4	79
5	4346.44	5	4063.29	5	3746.39	5	3429.5	5	3112.60	5	2795.71	5	2478.81	5	2161.91	5	1845.02	5	1528.12	5	1211.23	5	894.33	5	578.67	5	299.16	5	74.84
1/4	4344.26	1/4	4056.69	1/4	3739.79	1/4	3422.9	1/4	3106	1/4	2789.1	1/4	2472.21	1/4	2155.31	1/4	1838.42	1/4	1521.52	1/4	1204.62	1/4	887.73	1/4	572.21	1/4	293.85	1/4	70.68
1/2	4342.07	1/2	4050.09	1/2	3733.19	1/2	3416.29	1/2	3099.4	1/2	2782.50	1/2	2465.61	1/2	2148.71	1/2	1831.81	1/2	1514.92	1/2	1198.02	1/2	881.13	1/2	565.75	1/2	288.54	1/2	66.52
3/4	4339.25	3/4	4043.48	3/4	3726.59	3/4	3409.69	3/4	3092.8	3/4	2775.9	3/4	2459	3/4	2142.11	3/4	1825.21	3/4	1508.32	3/4	1191.42	3/4	874.52	3/4	559.29	3/4	283.24	3/4	62.37
6	4335.8	6	4036.88	6	3719.99	6	3403.09	6	3086.19	6	2769.3	6	2452.40	6	2135.51	6	1818.61	6	1501.71	6	1184.82	6	867.92	6	552.98	6	278.07	6	58.35
1/4	4332.35	1/4	4030.28	1/4	3713.38	1/4	3396.49	1/4	3079.59	1/4	2762.7	1/4	2445.8	1/4	2128.90	1/4	1812.01	1/4	1495.11	1/4	1178.22	1/4	861.32	1/4	546.81	1/4	273.05	1/4	54.48
1/2	4328.9	1/2	4023.68	1/2	3706.78	1/2	3389.89	1/2	3072.99	1/2	2756.09	1/2	2439.2	1/2	2122.30	1/2	1805.41	1/2	1488.51	1/2	1171.61	1/2	854.72	1/2	540.64	1/2	269.03	1/2	50.61
3/4	4323.83	3/4	4017.08	3/4	3700.18	3/4	3383.28	3/4	3066.39	3/4	2749.49	3/4	2432.6	3/4	2115.7	3/4	1798.8	3/4	1481.91	3/4	1165.01	3/4	848.12	3/4	534.47	3/4	263.01	3/4	46.74
7	4320.12	7	4010.47	7	3693.58	7	3376.68	7	3059.79	7	2742.89	7	2425.99	7	2109.1	7	1792.20	7	1475.31	7	1158.41	7	841.51	7	528.3	7	257.99	7	43
1/4	4315.41	1/4	4003.87	1/4	3686.98	1/4	3370.08	1/4	3053.18	1/4	2736.29	1/4	2419.39	1/4	2102.5	1/4	1785.6	1/4	1468.7	1/4	1151.81	1/4	834.91	1/4	522.13	1/4	252.97	1/4	39
1/2	4310.7	1/2	3997.27	1/2	3680.37	1/2	3363.48	1/2	3046.58	1/2	2729.69	1/2	2412.79	1/2	2095.89	1/2	1779	1/2	1462.10	1/2	1145.21	1/2	828.31	1/2	515.95	1/2	247.95	1/2	36
3/4	4305.35	3/4	3990.67	3/4	3673.77	3/4	3356.88	3/4	3039.98	3/4	2723.08	3/4	2406.19	3/4	2089.29	3/4	1772.4	3/4	1455.5	3/4	1138.6	3/4	821.71	3/4	509.78	3/4	242.92	3/4	32.3
8	4299.38	8	3984.07	8	3667.17	8	3350.27	8	3033.38	8	2716.48	8	2399.59	8	2082.69	8	1765.79	8	1448.9	8	1132.00	8	815.11	8	503.61	8	237.9	8	29.02
1/4	4293.41	1/4	3977.46	1/4	3660.57	1/4	3343.67	1/4	3026.78	1/4	2709.88	1/4	2392.98	1/4	2076.09	1/4	1759.19	1/4	1442.3	1/4	1125	1/4	808.5	1/4	497.44	1/4	232.88	1/4	26.05
1/2	4287.44	1/2	3970.86	1/2	3653.97	1/2	3337.07	1/2	3020.17	1/2	2703.28	1/2	2386.38	1/2	2069.49	1/2	1752.59	1/2	1435.69	1/2	1118.8	1/2	801.90	1/2	491.27	1/2	227.86	1/2	23.07
3/4	4281.16	3/4	3964.26																										

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3954.07	0	3667.41	0	3380.75	0	3094.1	0	2807.44	0	2520.79	0	2234.13	0	1947.47	0	1660.82	0	1374.16	0	1087.51	0	800.85	0	514.19	0	227.54
1/4		1/4	3948.09	1/4	3661.44	1/4	3374.78	1/4	3088.13	1/4	2801.47	1/4	2514.81	1/4	2228.16	1/4	1941.50	1/4	1654.85	1/4	1368.19	1/4	1081.53	1/4	794.88	1/4	508.22	1/4	221.57
1/2		1/2	3942.12	1/2	3655.47	1/2	3368.81	1/2	3082.15	1/2	2795.5	1/2	2508.84	1/2	2222.19	1/2	1935.53	1/2	1648.87	1/2	1362.22	1/2	1075.56	1/2	788.91	1/2	502.25	1/2	215.59
3/4		3/4	3936.15	3/4	3649.49	3/4	3362.84	3/4	3076.18	3/4	2789.53	3/4	2502.87	3/4	2216.21	3/4	1929.56	3/4	1645.90	3/4	1356.25	3/4	1069.59	3/4	782.93	3/4	496.28	3/4	209.62
1		1	3930.18	1	3643.52	1	3356.87	1	3070.21	1	2783.55	1	2496.9	1	2210.24	1	1923.59	1	1636.93	1	1350.27	1	1063.62	1	776.96	1	490.31	1	203.65
1/4		1/4	3924.21	1/4	3637.55	1/4	3350.89	1/4	3064.24	1/4	2777.58	1/4	2490.93	1/4	2204.27	1/4	1917.61	1/4	1630.96	1/4	1344.30	1/4	1057.65	1/4	770.99	1/4	484.33	1/4	197.68
1/2		1/2	3918.23	1/2	3631.58	1/2	3344.92	1/2	3058.27	1/2	2771.61	1/2	2484.95	1/2	2198.3	1/2	1911.64	1/2	1624.99	1/2	1338.33	1/2	1051.67	1/2	765.02	1/2	478.36	1/2	191.71
3/4		3/4	3912.26	3/4	3625.61	3/4	3338.95	3/4	3052.29	3/4	2765.64	3/4	2478.98	3/4	2192.33	3/4	1905.67	3/4	1619.01	3/4	1332.36	3/4	1045.70	3/4	759.05	3/4	472.39	3/4	185.73
2		2	3906.29	2	3619.63	2	3332.98	2	3046.32	2	2759.67	2	2473.01	2	2186.35	2	1899.7	2	1613.04	2	1326.39	2	1039.73	2	753.07	2	466.42	2	179.76
1/4		1/4	3900.32	1/4	3613.66	1/4	3327.01	1/4	3040.35	1/4	2753.69	1/4	2467.04	1/4	2180.38	1/4	1893.73	1/4	1607.07	1/4	1320.41	1/4	1033.76	1/4	747.1	1/4	460.45	1/4	173.79
1/2		1/2	3894.35	1/2	3607.69	1/2	3321.03	1/2	3034.38	1/2	2747.72	1/2	2461.07	1/2	2174.41	1/2	1887.75	1/2	1601.1	1/2	1314.44	1/2	1027.79	1/2	741.13	1/2	454.47	1/2	167.82
3/4		3/4	3888.37	3/4	3601.72	3/4	3315.06	3/4	3028.41	3/4	2741.75	3/4	2455.09	3/4	2168.44	3/4	1881.78	3/4	1595.13	3/4	1308.47	3/4	1021.81	3/4	735.16	3/4	448.5	3/4	161.85
3		3	3882.40	3	3595.75	3	3309.09	3	3022.43	3	2735.78	3	2449.12	3	2162.47	3	1875.81	3	1589.15	3	1302.5	3	1015.84	3	729.19	3	442.53	3	155.87
1/4		1/4	3876.43	1/4	3589.77	1/4	3303.12	1/4	3016.46	1/4	2729.81	1/4	2443.15	1/4	2156.49	1/4	1869.84	1/4	1583.18	1/4	1296.53	1/4	1009.87	1/4	723.21	1/4	436.56	1/4	149.9
1/2	4094.32	1/2	3870.46	1/2	3583.80	1/2	3297.15	1/2	3010.49	1/2	2723.83	1/2	2437.18	1/2	2150.52	1/2	1863.87	1/2	1577.21	1/2	1290.55	1/2	1003.9	1/2	717.24	1/2	430.59	1/2	143.93
3/4	4094.19	3/4	3864.49	3/4	3577.83	3/4	3291.17	3/4	3004.52	3/4	2717.86	3/4	2431.21	3/4	2144.55	3/4	1857.89	3/4	1571.24	3/4	1284.58	3/4	997.93	3/4	711.27	3/4	424.61	3/4	137.96
4	4093.34	4	3858.51	4	3571.86	4	3285.20	4	2998.55	4	2711.89	4	2425.23	4	2138.58	4	1851.92	4	1565.27	4	1278.61	4	991.95	4	705.3	4	418.64	4	131.99
1/4	4092.5	1/4	3852.54	1/4	3565.89	1/4	3279.23	1/4	2992.57	1/4	2705.92	1/4	2419.26	1/4	2132.61	1/4	1845.95	1/4	1559.29	1/4	1272.64	1/4	985.98	1/4	699.33	1/4	412.67	1/4	126.01
1/2	4091.65	1/2	3846.57	1/2	3559.91	1/2	3273.26	1/2	2986.60	1/2	2709.95	1/2	2413.29	1/2	2126.63	1/2	1839.98	1/2	1553.32	1/2	1266.67	1/2	980.01	1/2	693.35	1/2	406.7	1/2	120.04
3/4	4090.81	3/4	3840.6	3/4	3553.94	3/4	3267.29	3/4	2980.63	3/4	2693.97	3/4	2407.32	3/4	2120.66	3/4	1834.01	3/4	1547.35	3/4	1260.69	3/4	974.04	3/4	687.38	3/4	400.73	3/4	114.07
5	4088.82	5	3834.63	5	3547.97	5	3261.31	5	2974.66	5	2688.00	5	2401.35	5	2114.69	5	1828.03	5	1541.38	5	1254.72	5	968.07	5	681.41	5	394.75	5	108.1
1/4	4086.83	1/4	3828.65	1/4	3542	1/4	3255.34	1/4	2968.69	1/4	2682.03	1/4	2395.37	1/4	2108.72	1/4	1822.06	1/4	1535.41	1/4	1248.75	1/4	962.09	1/4	675.44	1/4	388.78	1/4	102.13
1/2	4084.85	1/2	3822.68	1/2	3536.03	1/2	3249.37	1/2	2962.71	1/2	2676.06	1/2	2389.40	1/2	2102.75	1/2	1816.09	1/2	1529.43	1/2	1242.78	1/2	956.12	1/2	669.47	1/2	382.81	1/2	96.15
3/4	4082.86	3/4	3816.71	3/4	3530.05	3/4	3243.4	3/4	2956.74	3/4	2670.09	3/4	2383.43	3/4	2096.77	3/4	1810.12	3/4	1523.46	3/4	1236.81	3/4	950.15	3/4	663.49	3/4	376.84	3/4	90.18
6	4079.74	6	3810.74	6	3524.08	6	3237.43	6	2950.77	6	2664.11	6	2377.46	6	2090.80	6	1804.15	6	1517.49	6	1230.83	6	944.18	6	657.52	6	370.87	6	84.21
1/4	4076.61	1/4	3804.77	1/4	3518.11	1/4	3231.45	1/4	2944.8	1/4	2658.14	1/4	2371.49	1/4	2084.83	1/4	1798.17	1/4	1511.52	1/4	1224.86	1/4	938.21	1/4	651.52	1/4	364.89	1/4	78.24
1/2	4073.49	1/2	3798.79	1/2	3512.14	1/2	3225.48	1/2	2938.83	1/2	2652.17	1/2	2365.51	1/2	2078.86	1/2	1792.20	1/2	1505.55	1/2	1218.89	1/2	932.23	1/2	645.58	1/2	358.92	1/2	72.27
3/4	4070.37	3/4	3792.82	3/4	3506.17	3/4	3219.51	3/4	2932.85	3/4	2646.2	3/4	2359.54	3/4	2072.89	3/4	1796.23	3/4	1499.57	3/4	1212.92	3/4	926.26	3/4	639.61	3/4	352.95	3/4	66.29
7	4066.1	7	3786.85	7	3500.19	7	3213.54	7	2926.88	7	2640.23	7	2353.57	7	2066.91	7	1780.26	7	1493.60	7	1206.95	7	920.29	7	633.63	7	346.98	7	60
1/4	4061.84	1/4	3780.88	1/4	3494.22	1/4	3207.57	1/4	2920.91	1/4	2634.25	1/4	2347.6	1/4	2060.94	1/4	1774.29	1/4	1487.63	1/4	1200.97	1/4	914.32	1/4	627.66	1/4	341.01	1/4	55
1/2	4057.58	1/2	3774.91	1/2	3488.25	1/2	3201.59	1/2	2914.94	1/2	2628.28	1/2	2341.63	1/2	2054.97	1/2	1768.31	1/2	1481.66	1/2	1195.00	1/2	908.35	1/2	621.69	1/2	335.03	1/2	50
3/4	4053.31	3/4	3768.93	3/4	3482.28	3/4	3195.62	3/4	2908.97	3/4	2622.31	3/4	2335.65	3/4	2049	3/4	1762.34	3/4	1475.69	3/4	1189.03	3/4	902.37	3/4	615.72	3/4	329.06	3/4	44.2
8	4047.91	8	3762.96	8	3476.31	8	3189.65	8	2902.99	8	2616.34	8	2329.68	8	2043.03	8	1756.37	8	1469.71	8	1183.06	8	896.40	8	609.75	8	323.09	8	38.83
1/4	4042.51	1/4	3756.99	1/4	3470.33	1/4	3183.68	1/4	2897.02	1/4	2610.37	1/4	2323.71	1/4	2037.05	1/4	1750.4	1/4	1463.74	1/4	1177.09	1/4	890.43	1/4	603.77	1/4	317.12	1/4	34.65
1/2	4037.11	1/2	3751.02	1/2	3464.36	1/2	3177.71	1/2	2891.05	1/2	2604.39	1/2	2317.74	1/2	2031.08	1/2	1744.43	1/2	1457.77	1/2	1171.11	1/2	884.46	1/2	597.8	1/2	311.15	1/2	30.47

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3948.09	0	3661.44	0	3374.78	0	3088.13	0	2801.47	0	2514.81	0	2228.16	0	1941.5	0	1654.85	0	1368.19	0	1081.53	0	794.88	0	508.22	0	221.57
1/4		1/4	3942.12	1/4	3655.47	1/4	3368.81	1/4	3082.15	1/4	2795.5	1/4	2508.84	1/4	2222.19	1/4	1935.53	1/4	1648.87	1/4	1362.22	1/4	1075.56	1/4	788.91	1/4	502.25	1/4	215.59
1/2		1/2	3936.15	1/2	3649.49	1/2	3362.84	1/2	3076.18	1/2	2789.53	1/2	2502.87	1/2	2216.21	1/2	1929.56	1/2	1642.9	1/2	1356.25	1/2	1069.59	1/2	782.93	1/2	496.28	1/2	209.62
3/4		3/4	3930.18	3/4	3643.52	3/4	3356.87	3/4	3070.21	3/4	2783.55	3/4	2496.9	3/4	2210.24	3/4	1923.59	3/4	1636.93	3/4	1350.27	3/4	1063.62	3/4	776.96	3/4	490.31	3/4	203.65
1		1	3924.21	1	3637.55	1	3350.89	1	3064.24	1	2777.58	1	2490.93	1	2204.27	1	1917.61	1	1630.96	1	1344.3	1	1057.65	1	770.99	1	484.33	1	197.68
1/4		1/4	3918.23	1/4	3631.58	1/4	3344.92	1/4	3058.27	1/4	2771.61	1/4	2484.95	1/4	2198.3	1/4	1911.64	1/4	1624.99	1/4	1338.33	1/4	1051.67	1/4	765.02	1/4	478.36	1/4	191.71
1/2		1/2	3912.26	1/2	3625.61	1/2	3338.95	1/2	3052.29	1/2	2765.64	1/2	2478.98	1/2	2192.33	1/2	1905.67	1/2	1619.01	1/2	1332.36	1/2	1045.7	1/2	759.05	1/2	472.39	1/2	185.73
3/4		3/4	3906.29	3/4	3619.63	3/4	3332.98	3/4	3046.32	3/4	2759.67	3/4	2473.01	3/4	2186.35	3/4	1899.7	3/4	1613.04	3/4	1326.39	3/4	1039.73	3/4	753.07	3/4	466.42	3/4	179.76
2		2	3900.32	2	3613.66	2	3327.01	2	3040.35	2	2753.69	2	2467.04	2	2180.38	2	1893.73	2	1607.07	2	1320.41	2	1033.76	2	747.1	2	460.45	2	173.79
1/4		1/4	3894.35	1/4	3607.69	1/4	3321.03	1/4	3034.38	1/4	2747.72	1/4	2461.07	1/4	2174.41	1/4	1887.75	1/4	1601.1	1/4	1314.44	1/4	1027.79	1/4	741.13	1/4	454.47	1/4	167.82
1/2		1/2	3888.37	1/2	3601.72	1/2	3315.06	1/2	3028.41	1/2	2741.75	1/2	2455.09	1/2	2168.44	1/2	1881.78	1/2	1595.13	1/2	1308.47	1/2	1021.81	1/2	735.16	1/2	448.5	1/2	161.85
3/4		3/4	3882.4	3/4	3595.75	3/4	3309.09	3/4	3022.43	3/4	2735.78	3/4	2449.12	3/4	2162.47	3/4	1875.81	3/4	1589.15	3/4	1302.5	3/4	1015.84	3/4	729.19	3/4	442.53	3/4	155.87
3		3	3876.43	3	3589.77	3	3303.12	3	3016.46	3	2729.81	3	2443.15	3	2156.49	3	1869.84	3	1583.18	3	1296.53	3	1009.87	3	723.21	3	436.56	3	149.9
1/4	4094.32	1/4	3870.46	1/4	3583.8	1/4	3297.15	1/4	3010.49	1/4	2723.83	1/4	2437.18	1/4	2150.52	1/4	1863.87	1/4	1577.21	1/4	1290.55	1/4	1003.9	1/4	717.24	1/4	430.59	1/4	143.93
1/2	4094.19	1/2	3864.49	1/2	3577.83	1/2	3291.17	1/2	3004.52	1/2	2717.86	1/2	2431.21	1/2	2144.55	1/2	1857.89	1/2	1571.24	1/2	1284.58	1/2	997.93	1/2	711.27	1/2	424.61	1/2	137.96
3/4	4093.34	3/4	3858.51	3/4	3571.86	3/4	3285.2	3/4	2998.55	3/4	2711.89	3/4	2425.23	3/4	2138.58	3/4	1851.92	3/4	1565.27	3/4	1278.61	3/4	991.95	3/4	705.3	3/4	418.64	3/4	131.99
4	4092.5	4	3852.54	4	3565.89	4	3279.23	4	2992.57	4	2705.92	4	2419.26	4	2132.61	4	1845.95	4	1559.29	4	1272.64	4	985.98	4	699.33	4	412.67	4	126.01
1/4	4091.65	1/4	3846.57	1/4	3559.91	1/4	3273.26	1/4	2986.6	1/4	2699.95	1/4	2413.29	1/4	2126.63	1/4	1839.98	1/4	1553.32	1/4	1266.67	1/4	980.01	1/4	693.35	1/4	406.7	1/4	120.04
1/2	4090.81	1/2	3840.6	1/2	3553.94	1/2	3267.29	1/2	2980.63	1/2	2693.97	1/2	2407.32	1/2	2120.66	1/2	1834.01	1/2	1547.35	1/2	1260.69	1/2	974.04	1/2	687.38	1/2	400.73	1/2	114.07
3/4	4088.82	3/4	3834.63	3/4	3547.97	3/4	3261.31	3/4	2974.66	3/4	2688	3/4	2401.35	3/4	2114.69	3/4	1828.03	3/4	1541.38	3/4	1254.72	3/4	968.07	3/4	681.41	3/4	394.75	3/4	108.1
5	4086.83	5	3828.65	5	3542	5	3255.34	5	2968.69	5	2682.03	5	2395.37	5	2108.72	5	1822.06	5	1535.41	5	1248.75	5	962.09	5	675.44	5	388.78	5	102.13
1/4	4084.85	1/4	3822.68	1/4	3536.03	1/4	3249.37	1/4	2962.71	1/4	2676.06	1/4	2389.4	1/4	2102.75	1/4	1816.09	1/4	1529.43	1/4	1242.78	1/4	956.12	1/4	669.47	1/4	382.81	1/4	96.15
1/2	4082.86	1/2	3816.71	1/2	3530.05	1/2	3243.4	1/2	2956.74	1/2	2670.09	1/2	2383.43	1/2	2096.77	1/2	1810.12	1/2	1523.46	1/2	1236.81	1/2	950.15	1/2	663.49	1/2	376.84	1/2	90.18
3/4	4079.74	3/4	3810.74	3/4	3524.08	3/4	3237.43	3/4	2950.77	3/4	2664.11	3/4	2377.46	3/4	2090.8	3/4	1804.15	3/4	1517.49	3/4	1230.83	3/4	944.18	3/4	657.52	3/4	370.87	3/4	84.21
6	4076.61	6	3804.77	6	3518.11	6	3231.45	6	2944.8	6	2658.14	6	2371.49	6	2084.83	6	1798.17	6	1511.52	6	1224.86	6	938.21	6	651.55	6	364.89	6	78.24
1/4	4073.49	1/4	3798.79	1/4	3512.14	1/4	3225.48	1/4	2938.83	1/4	2652.17	1/4	2365.51	1/4	2078.86	1/4	1792.2	1/4	1505.55	1/4	1218.89	1/4	932.23	1/4	645.58	1/4	358.92	1/4	72.27
1/2	4070.37	1/2	3792.82	1/2	3506.17	1/2	3219.51	1/2	2932.85	1/2	2646.2	1/2	2359.54	1/2	2072.89	1/2	1786.23	1/2	1499.57	1/2	1212.92	1/2	926.26	1/2	639.61	1/2	352.95	1/2	66.29
3/4	4066.1	3/4	3786.85	3/4	3500.19	3/4	3213.54	3/4	2926.88	3/4	2640.23	3/4	2353.57	3/4	2066.91	3/4	1780.26	3/4	1493.6	3/4	1206.95	3/4	920.29	3/4	633.63	3/4	346.98	3/4	60.32
7	4061.84	7	3780.88	7	3494.22	7	3207.57	7	2920.91	7	2634.25	7	2347.6	7	2060.94	7	1774.29	7	1487.63	7	1200.97	7	914.32	7	627.66	7	341.01	7	55
1/4	4057.58	1/4	3774.91	1/4	3488.25	1/4	3201.59	1/4	2914.94	1/4	2628.28	1/4	2341.63	1/4	2054.97	1/4	1768.31	1/4	1481.66	1/4	1195	1/4	908.35	1/4	621.69	1/4	335.03	1/4	50
1/2	4053.31	1/2	3768.93	1/2	3482.28	1/2	3195.62	1/2	2908.97	1/2	2622.31	1/2	2335.65	1/2	2049	1/2	1762.34	1/2	1475.69	1/2	1189.03	1/2	902.37	1/2	615.72	1/2	329.06	1/2	44
3/4	4047.91	3/4	3762.96	3/4	3476.31	3/4	3189.65	3/4	2902.99	3/4	2616.34	3/4	2329.68	3/4	2043.03	3/4	1756.37	3/4	1469.71	3/4	1183.06	3/4	896.4	3/4	609.75	3/4	323.09	3/4	38.83
8	4042.51	8	3756.99	8	3470.33	8	3183.68	8	2897.02	8	2610.37	8	2323.71	8	2037.05	8	1750.4	8	1463.74	8	1177.09	8	890.43	8	603.77	8	317.12	8	34.65
1/4	4037.11	1/4	3751.02	1/4	3464.36	1/4	3177.71	1/4	2891.05	1/4	2604.39	1/4	2317.74	1/4	2031.08	1/4	1744.43	1/4	1457.77	1/4	1177.09	1/4	884.46	1/4	597.8	1/4	311.15	1/4	30.47
1/2	4031.7	1/2	3745.05	1/2	3458.39	1/2	3171.73	1/2	2885.08	1/2	2598.42	1/2	2311.77	1/2	2025.11	1/2	1738.45	1/2	1451.8	1/2	1171.11	1/2	878.49	1/2	591.83	1/2	305.17	1/2	26.29
3/4	40																												

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3949.42	0	3663.1	0	3376.78	0	3090.46	0	2804.14	0	2517.82	0	2231.5	0	1945.13	0	1658.86	0	1372.54	0	1086.22	0	799.9	0	513.58	0	227.26
1/4		1/4	3943.46	1/4	3657.14	1/4	3370.82	1/4	3084.5	1/4	2798.18	1/4	2511.86	1/4	2225.54	1/4	1939.22	1/4	1652.9	1/4	1366.58	1/4	1080.26	1/4	793.94	1/4	507.62	1/4	221.3
1/2		1/2	3937.49	1/2	3651.17	1/2	3364.85	1/2	3078.53	1/2	2792.21	1/2	2505.89	1/2	2219.57	1/2	1933.25	1/2	1646.93	1/2	1360.61	1/2	1074.29	1/2	787.97	1/2	501.65	1/2	215.33
3/4		3/4	3931.53	3/4	3645.21	3/4	3358.89	3/4	3072.57	3/4	2786.25	3/4	2499.93	3/4	2213.61	3/4	1927.29	3/4	1640.97	3/4	1354.65	3/4	1068.33	3/4	782.01	3/4	495.69	3/4	209.37
1		1	3925.56	1	3639.24	1	3352.92	1	3066.6	1	2780.28	1	2493.96	1	2207.64	1	1921.32	1	1635	1	1348.68	1	1062.36	1	776.04	1	489.72	1	203.4
1/4		1/4	3919.6	1/4	3633.28	1/4	3346.96	1/4	3060.64	1/4	2774.32	1/4	2488	1/4	2201.68	1/4	1915.36	1/4	1629.04	1/4	1342.72	1/4	1056.4	1/4	770.08	1/4	483.76	1/4	197.44
1/2		1/2	3913.63	1/2	3627.31	1/2	3340.99	1/2	3054.67	1/2	2768.35	1/2	2482.03	1/2	2195.71	1/2	1909.39	1/2	1623.07	1/2	1336.75	1/2	1050.43	1/2	764.11	1/2	477.79	1/2	191.47
3/4		3/4	3907.67	3/4	3621.35	3/4	3335.03	3/4	3048.71	3/4	2762.39	3/4	2476.07	3/4	2189.75	3/4	1903.43	3/4	1617.11	3/4	1330.79	3/4	1044.47	3/4	758.15	3/4	471.83	3/4	185.51
2		2	3901.7	2	3615.38	2	3329.06	2	3042.74	2	2756.42	2	2470.1	2	2183.78	2	1897.46	2	1611.14	2	1324.82	2	1038.5	2	752.18	2	465.86	2	179.54
1/4		1/4	3895.74	1/4	3609.42	1/4	3323.1	1/4	3036.78	1/4	2750.46	1/4	2464.14	1/4	2177.82	1/4	1891.5	1/4	1605.18	1/4	1318.86	1/4	1032.54	1/4	746.22	1/4	459.9	1/4	173.58
1/2		1/2	3889.77	1/2	3603.45	1/2	3317.13	1/2	3030.81	1/2	2744.49	1/2	2458.17	1/2	2171.85	1/2	1885.53	1/2	1599.21	1/2	1312.89	1/2	1026.57	1/2	740.25	1/2	453.93	1/2	167.61
3/4		3/4	3883.81	3/4	3597.49	3/4	3317.13	3/4	3024.85	3/4	2738.53	3/4	2452.21	3/4	2165.89	3/4	1879.57	3/4	1593.25	3/4	1306.93	3/4	1020.61	3/4	734.29	3/4	447.97	3/4	161.65
3		3	3877.84	3	3591.52	3	3311.17	3	3018.88	3	2732.56	3	2446.24	3	2159.92	3	1873.6	3	1587.28	3	1300.96	3	1014.64	3	728.32	3	442	3	155.68
1/4		1/4	3871.88	1/4	3585.56	1/4	3305.20	1/4	3012.92	1/4	2726.6	1/4	2440.28	1/4	2153.96	1/4	1867.64	1/4	1581.32	1/4	1295	1/4	1008.68	1/4	722.36	1/4	436.04	1/4	149.72
1/2	4089.52	1/2	3865.91	1/2	3579.59	1/2	3293.27	1/2	3006.95	1/2	2720.63	1/2	2434.31	1/2	2147.99	1/2	1861.67	1/2	1575.35	1/2	1289.03	1/2	1002.71	1/2	716.39	1/2	430.07	1/2	143.75
3/4	4089.38	3/4	3859.95	3/4	3573.63	3/4	3287.31	3/4	3000.99	3/4	2714.67	3/4	2428.35	3/4	2142.03	3/4	1855.71	3/4	1569.39	3/4	1283.07	3/4	996.75	3/4	710.43	3/4	424.11	3/4	137.79
4	4088.54	4	3853.98	4	3567.66	4	3281.34	4	2995.02	4	2708.7	4	2422.38	4	2136.06	4	1849.74	4	1563.42	4	1277.1	4	990.78	4	704.46	4	418.14	4	131.82
1/4	4087.69	1/4	3848.02	1/4	3561.7	1/4	3275.38	1/4	2989.06	1/4	2702.74	1/4	2416.42	1/4	2130.1	1/4	1843.78	1/4	1557.46	1/4	1271.14	1/4	984.82	1/4	698.50	1/4	412.18	1/4	125.86
1/2	4086.85	1/2	3842.05	1/2	3555.73	1/2	3269.41	1/2	2983.09	1/2	2706.77	1/2	2410.45	1/2	2124.13	1/2	1837.81	1/2	1551.49	1/2	1265.17	1/2	978.85	1/2	692.53	1/2	406.21	1/2	119.89
3/4	4086	3/4	3836.09	3/4	3549.77	3/4	3263.45	3/4	2977.13	3/4	2690.81	3/4	2404.49	3/4	2118.17	3/4	1831.85	3/4	1545.53	3/4	1259.21	3/4	972.89	3/4	686.57	3/4	400.25	3/4	113.93
5	4084.02	5	3830.12	5	3543.8	5	3257.48	5	2971.16	5	2684.84	5	2398.52	5	2112.2	5	1825.88	5	1539.56	5	1253.24	5	966.92	5	680.6	5	394.28	5	107.96
1/4	4082.04	1/4	3824.16	1/4	3537.84	1/4	3251.52	1/4	2965.2	1/4	2678.88	1/4	2392.56	1/4	2106.24	1/4	1819.92	1/4	1533.6	1/4	1247.28	1/4	960.96	1/4	674.64	1/4	388.32	1/4	102
1/2	4080.05	1/2	3818.19	1/2	3531.87	1/2	3245.55	1/2	2959.23	1/2	2672.91	1/2	2386.59	1/2	2100.27	1/2	1813.95	1/2	1527.63	1/2	1241.31	1/2	954.99	1/2	668.67	1/2	382.35	1/2	96.03
3/4	4078.07	3/4	3812.23	3/4	3525.91	3/4	3239.59	3/4	2953.27	3/4	2666.95	3/4	2380.63	3/4	2094.31	3/4	1807.99	3/4	1521.67	3/4	1235.35	3/4	949.03	3/4	662.71	3/4	376.39	3/4	90.07
6	4074.95	6	3806.26	6	3519.94	6	3233.62	6	2947.3	6	2660.98	6	2374.66	6	2088.34	6	1802.02	6	1515.7	6	1229.38	6	943.06	6	656.74	6	370.42	6	84.1
1/4	4071.83	1/4	3800.30	1/4	3513.98	1/4	3227.66	1/4	2941.34	1/4	2655.02	1/4	2368.7	1/4	2082.38	1/4	1796.06	1/4	1509.74	1/4	1223.42	1/4	937.1	1/4	650.78	1/4	364.46	1/4	78.14
1/2	4068.71	1/2	3794.33	1/2	3508.01	1/2	3221.69	1/2	2935.37	1/2	2649.05	1/2	2362.73	1/2	2076.41	1/2	1790.09	1/2	1503.77	1/2	1217.45	1/2	931.13	1/2	644.81	1/2	358.49	1/2	72.17
3/4	4065.59	3/4	3788.37	3/4	3502.05	3/4	3215.73	3/4	2929.41	3/4	2643.09	3/4	2356.77	3/4	2070.45	3/4	1784.13	3/4	1497.81	3/4	1211.49	3/4	925.17	3/4	638.85	3/4	352.53	3/4	66.21
7	4061.33	7	3782.4	7	3496.08	7	3209.76	7	2923.44	7	2637.12	7	2350.8	7	2064.48	7	1778.16	7	1491.84	7	1205.52	7	919.2	7	632.88	7	346.56	7	60
1/4	4057.07	1/4	3776.44	1/4	3490.12	1/4	3203.80	1/4	2917.48	1/4	2631.16	1/4	2344.84	1/4	2058.52	1/4	1772.2	1/4	1485.88	1/4	1199.56	1/4	913.24	1/4	626.92	1/4	340.6	1/4	55
1/2	4052.81	1/2	3770.47	1/2	3484.15	1/2	3197.83	1/2	2911.51	1/2	2625.19	1/2	2338.87	1/2	2052.55	1/2	1766.23	1/2	1479.91	1/2	1193.59	1/2	907.27	1/2	620.95	1/2	334.63	1/2	50
3/4	4048.55	3/4	3764.51	3/4	3478.19	3/4	3191.87	3/4	2905.55	3/4	2619.23	3/4	2332.91	3/4	2046.59	3/4	1760.27	3/4	1473.95	3/4	1187.63	3/4	901.31	3/4	614.99	3/4	328.67	3/4	44.14
8	4043.16	8	3758.54	8	3472.22	8	3185.9	8	2899.58	8	2613.26	8	2326.94	8	2040.62	8	1754.3	8	1467.98	8	1181.66	8	895.34	8	609.02	8	322.7	8	38.77
1/4	4037.16	1/4	3752.58	1/4	3466.26	1/4	3179.94	1/4	2893.62	1/4	2607.30	1/4	2320.98	1/4	2034.66	1/4	1748.34	1/4	1462.02	1/4	1175.7	1/4	889.38	1/4	603.06	1/4	316.74	1/4	34.6
1/2	4032.36	1/2	3746.61	1/2	3460.29	1/2	3173.97	1/2	2887.65	1/2	2601.33	1/2	2315.01	1/2	2028.69	1/2	1742.37	1/2	1456.05	1/2	1169.73	1/2	883.41	1/2	597.09	1/2	310.77	1/2	30.42
3/4	4026.97	3/4																											

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET			
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3958.37	0	3672.05	0	3385.73	0	3099.41	0	2813.09	0	2526.77	0	2240.45	0	1954.13	0	1667.81	0	1381.49	0	1095.17	0	808.85	0	522.53	0	236.21		
1/4		1/4	3952.4	1/4	3666.08	1/4	3379.76	1/4	3093.44	1/4	2807.12	1/4	2520.8	1/4	2234.48	1/4	1948.16	1/4	1661.84	1/4	1375.52	1/4	1089.2	1/4	802.88	1/4	516.56	1/4	230.24		
1/2		1/2	3946.44	1/2	3660.12	1/2	3373.80	1/2	3087.48	1/2	2801.16	1/2	2514.84	1/2	2228.52	1/2	1942.2	1/2	1655.88	1/2	1369.56	1/2	1083.24	1/2	796.92	1/2	510.6	1/2	224.28		
3/4		3/4	3940.47	3/4	3654.15	3/4	3367.83	3/4	3081.51	3/4	2795.19	3/4	2508.87	3/4	2222.55	3/4	1936.23	3/4	1649.91	3/4	1363.59	3/4	1077.27	3/4	790.95	3/4	504.63	3/4	218.31		
1		1	3934.51	1	3648.19	1	3361.87	1	3075.55	1	2789.23	1	2502.91	1	2216.59	1	1930.27	1	1643.95	1	1357.63	1	1071.31	1	784.99	1	498.67	1	212.35		
1/4		1/4	3928.54	1/4	3642.22	1/4	3355.9	1/4	3069.58	1/4	2783.26	1/4	2496.94	1/4	2210.62	1/4	1924.3	1/4	1637.98	1/4	1351.66	1/4	1065.34	1/4	779.02	1/4	492.7	1/4	206.38		
1/2		1/2	3922.58	1/2	3636.26	1/2	3349.94	1/2	3063.62	1/2	2777.30	1/2	2490.98	1/2	2204.66	1/2	1918.34	1/2	1632.02	1/2	1345.7	1/2	1059.34	1/2	773.06	1/2	486.74	1/2	200.42		
3/4		3/4	3916.61	3/4	3630.29	3/4	3343.97	3/4	3057.65	3/4	2771.33	3/4	2485.01	3/4	2198.69	3/4	1912.37	3/4	1626.05	3/4	1339.73	3/4	1053.41	3/4	767.09	3/4	480.77	3/4	194.45		
2		2	3910.65	2	3624.33	2	3338.01	2	3051.69	2	2765.37	2	2479.05	2	2192.73	2	1906.41	2	1620.09	2	1333.77	2	1047.45	2	761.13	2	474.81	2	188.49		
1/4		1/4	3904.68	1/4	3618.36	1/4	3332.04	1/4	3045.72	1/4	2759.4	1/4	2473.08	1/4	2186.76	1/4	1900.44	1/4	1614.12	1/4	1327.8	1/4	1041.48	1/4	755.16	1/4	468.84	1/4	182.52		
1/2		1/2	3898.72	1/2	3612.4	1/2	3326.08	1/2	3039.76	1/2	2753.44	1/2	2467.12	1/2	2180.80	1/2	1894.48	1/2	1608.16	1/2	1321.84	1/2	1035.52	1/2	749.2	1/2	462.88	1/2	176.56		
3/4		3/4	3892.75	3/4	3606.43	3/4	3320.11	3/4	3033.79	3/4	2747.47	3/4	2461.15	3/4	2174.83	3/4	1888.51	3/4	1602.19	3/4	1315.87	3/4	1029.55	3/4	743.23	3/4	456.91	3/4	170.59		
3		3	3886.79	3	3600.47	3	3314.15	3	3027.83	3	2741.51	3	2455.19	3	2168.87	3	1882.55	3	1596.23	3	1309.91	3	1023.59	3	737.27	3	450.95	3	164.63		
1/4		1/4	3880.82	1/4	3594.5	1/4	3308.18	1/4	3021.86	1/4	2735.54	1/4	2449.22	1/4	2162.9	1/4	1876.58	1/4	1590.26	1/4	1303.94	1/4	1017.62	1/4	731.3	1/4	444.98	1/4	158.66		
1/2		1/2	3874.86	1/2	3588.54	1/2	3302.22	1/2	3015.9	1/2	2729.58	1/2	2443.26	1/2	2156.94	1/2	1870.62	1/2	1584.30	1/2	1297.98	1/2	1011.66	1/2	725.34	1/2	439.02	1/2	152.7		
3/4	4089.52	3/4	3868.89	3/4	3582.57	3/4	3296.25	3/4	3009.93	3/4	2723.61	3/4	2437.29	3/4	2150.97	3/4	1864.65	3/4	1578.33	3/4	1292.01	3/4	1005.69	3/4	719.37	3/4	433.05	3/4	146.73		
4	4089.45	4	3862.93	4	3576.61	4	3290.29	4	3003.97	4	2717.65	4	2431.33	4	2145.01	4	1858.69	4	1572.37	4	1286.05	4	999.73	4	713.41	4	427.09	4	140.77		
1/4	4088.96	1/4	3856.96	1/4	3570.64	1/4	3284.32	1/4	2998	1/4	2711.68	1/4	2425.36	1/4	2139.04	1/4	1852.72	1/4	1566.4	1/4	1280.08	1/4	993.76	1/4	707.44	1/4	421.12	1/4	134.8		
1/2	4088.12	1/2	3851	1/2	3564.68	1/2	3278.36	1/2	2992.04	1/2	2705.72	1/2	2419.4	1/2	2133.08	1/2	1846.76	1/2	1560.44	1/2	1274.12	1/2	987.80	1/2	701.48	1/2	415.16	1/2	128.84		
3/4	4087.27	3/4	3845.03	3/4	3558.71	3/4	3272.39	3/4	2986.07	3/4	2699.75	3/4	2413.43	3/4	2127.11	3/4	1840.79	3/4	1554.47	3/4	1268.15	3/4	981.83	3/4	695.51	3/4	409.19	3/4	122.87		
5	4086.43	5	3839.07	5	3552.75	5	3266.43	5	2980.11	5	2693.79	5	2407.47	5	2121.15	5	1834.83	5	1548.51	5	1262.19	5	975.87	5	689.55	5	403.23	5	116.91		
1/4	4085.01	1/4	3833.1	1/4	3546.78	1/4	3260.46	1/4	2974.14	1/4	2687.82	1/4	2401.5	1/4	2115.18	1/4	1828.86	1/4	1542.54	1/4	1256.22	1/4	969.9	1/4	683.58	1/4	397.26	1/4	110.94		
1/2	4083.03	1/2	3827.14	1/2	3540.82	1/2	3254.5	1/2	2968.18	1/2	2681.86	1/2	2395.54	1/2	2109.22	1/2	1822.9	1/2	1536.58	1/2	1250.26	1/2	963.94	1/2	677.62	1/2	391.3	1/2	104.98		
3/4	4081.05	3/4	3821.17	3/4	3534.85	3/4	3248.53	3/4	2962.21	3/4	2675.89	3/4	2389.57	3/4	2103.25	3/4	1816.93	3/4	1530.61	3/4	1244.29	3/4	957.97	3/4	671.65	3/4	385.33	3/4	99.01		
6	4079.06	6	3815.21	6	3528.89	6	3242.57	6	2956.25	6	2669.93	6	2383.61	6	2097.29	6	1810.97	6	1524.65	6	1238.33	6	952.01	6	665.69	6	379.37	6	93.05		
1/4	4076.51	1/4	3809.24	1/4	3522.92	1/4	3236.6	1/4	2950.28	1/4	2663.96	1/4	2377.64	1/4	2091.32	1/4	1805	1/4	1518.68	1/4	1232.36	1/4	946.04	1/4	659.72	1/4	373.4	1/4	87.08		
1/2	4073.39	1/2	3803.28	1/2	3516.96	1/2	3230.64	1/2	2944.32	1/2	2658	1/2	2371.68	1/2	2085.36	1/2	1799.04	1/2	1512.72	1/2	1226.4	1/2	940.08	1/2	653.76	1/2	367.44	1/2	81.12		
3/4	4070.27	3/4	3797.31	3/4	3510.99	3/4	3224.67	3/4	2938.35	3/4	2652.03	3/4	2365.71	3/4	2079.39	3/4	1793.07	3/4	1506.75	3/4	1220.43	3/4	934.11	3/4	647.79	3/4	361.47	3/4	75.15		
7	4067.15	7	3791.35	7	3505.03	7	3218.71	7	2932.39	7	2646.07	7	2359.75	7	2073.43	7	1787.11	7	1500.79	7	1214.47	7	928.15	7	641.83	7	355.51	7	69		
1/4	4063.46	1/4	3785.38	1/4	3499.06	1/4	3212.74	1/4	2926.42	1/4	2640.1	1/4	2353.78	1/4	2067.46	1/4	1781.14	1/4	1494.82	1/4	1208.5	1/4	922.18	1/4	635.86	1/4	349.54	1/4	63		
1/2	4059.2	1/2	3779.42	1/2	3493.1	1/2	3206.78	1/2	2920.46	1/2	2634.14	1/2	2347.82	1/2	2061.5	1/2	1775.18	1/2	1488.86	1/2	1202.54	1/2	916.22	1/2	629.9	1/2	343.58	1/2	58		
3/4	4054.94	3/4	3773.45	3/4	3487.13	3/4	3200.81	3/4	2914.49	3/4	2628.17	3/4	2341.85	3/4	2055.53	3/4	1769.21	3/4	1482.89	3/4	1196.57	3/4	910.25	3/4	623.93	3/4	337.61	3/4	52.19		
8	4050.68	8	3767.49	8	3481.17	8	3194.85	8	2908.53	8	2622.21	8	2335.89	8	2049.57	8	1763.25	8	1476.93	8	1190.61	8	904.29	8	617.97	8	331.65	8	46.82		
1/4	4045.94	1/4	3761.52	1/4	3475.2	1/4	3188.88	1/4	2902.56	1/4	2616.24	1/4	2329.92	1/4	2043.6	1/4	1757.28	1/4	1470.96	1/4	1184.64	1/4	898.32	1/4	612	1/4	325.68	1/4	41.45		
1/2	4040.46	1/2	3755.56	1/2	3469.24	1/2	3182.92	1/2	2896.6	1/2	2610.28	1/2	2323.96	1/2	2037.64	1/2	1751.32	1/2	1465	1/2	1178.68	1/2	892.36	1/2	606.04	1/2	319.72	1/2	36.68		
3/4	4035.06	3/4	3749.59	3/4	3463.27	3/4	3176.95	3/4	2890.63	3/4	2604.31	3/4	2317.99	3/4	2031.67	3/4	1745.35	3/4	1459.03	3/4	1172.71	3/4	886.39	3/4	600.07	3/4	313.75	3/4	32.51		
9	4029.67	9	3743.63	9	3457.31	9	3170.99	9	2884.67	9	2598.35	9	2312.03	9	2025.71	9	1739.39	9	1453.07	9	1166.75	9	880.43	9	594.11	9	307.79	9	28.34		
1/4	4023.98	1/4	3737.66	1/4	3451.34	1/4	3165.02	1/4	2878.7	1/4	2592.38	1/4	2306.06	1/4	2019.74	1/4	1733.42	1/4	1447.1	1/4	1160.78	1/4	874.46	1/4	588.14	1/4	301.82	1/4	24.16		
1/2	4018.02	1/2	3731.7	1/2	3445.38	1/2	3159.06	1/2	2872.74	1/2	2586.42	1/2	2300.1	1/2	2013.78	1/2	1727.46	1/2	1441.14	1/2	1154.82	1/2	868.5	1/2	582.18	1/2	295.86	1/2	20.59		
3/4	4012.05	3/4	3725.73	3/4	3439.41	3/4	3153.09	3/4	2866.77	3/4	2580.45	3/4	2294.13	3/4	2007.81	3/4	1721.49	3/4	1435.17	3/4	1148.85	3/4	862.50	3/4	576.21	3/4	289.89	3/4	17.61		
10	4006.09	10	3719.77	10	3433.45	10	3147.13	10	2860.81	10	2574.49	10	2288.17	10	2001.85	10	1715.53	10	1429.21	10	1142.89	10	862.53	10	570.25						

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3123.02	0	2978.3	0	2833.58	0	2688.86	0	2510.28	0	2253.04	0	1995.81	0	1738.58	0	1481.35	0	1224.57	0	967.82	0	710.59	0	453.36	0	196.12
1/4		1/4	3120	1/4	2975.28	1/4	2830.56	1/4	2685.84	1/4	2504.92	1/4	2247.68	1/4	1990.45	1/4	1733.22	1/4	1475.99	1/4	1219.23	1/4	962.46	1/4	705.23	1/4	448	1/4	190.76
1/2		1/2	3116.99	1/2	2972.27	1/2	2827.55	1/2	2682.83	1/2	2499.56	1/2	2242.33	1/2	1985.09	1/2	1727.86	1/2	1470.63	1/2	1213.89	1/2	957.1	1/2	699.87	1/2	442.64	1/2	185.41
3/4		3/4	3113.97	3/4	2969.25	3/4	2824.53	3/4	2679.81	3/4	2494.2	3/4	2236.97	3/4	1979.73	3/4	1722.5	3/4	1465.27	3/4	1208.55	3/4	951.74	3/4	694.51	3/4	437.28	3/4	180.05
1		1	3110.96	1	2966.24	1	2821.52	1	2676.8	1	2488.84	1	2231.61	1	1974.38	1	1717.14	1	1459.91	1	1203.21	1	946.38	1	689.15	1	431.92	1	174.69
1/4		1/4	3107.94	1/4	2963.22	1/4	2818.5	1/4	2673.78	1/4	2483.48	1/4	2226.25	1/4	1969.02	1/4	1711.78	1/4	1454.55	1/4	1197.87	1/4	941.02	1/4	683.79	1/4	426.56	1/4	169.33
1/2		1/2	3104.93	1/2	2960.21	1/2	2815.49	1/2	2670.77	1/2	2478.12	1/2	2220.89	1/2	1963.66	1/2	1706.43	1/2	1449.19	1/2	1192.53	1/2	935.67	1/2	678.43	1/2	421.2	1/2	163.97
3/4		3/4	3101.91	3/4	2957.19	3/4	2812.47	3/4	2667.75	3/4	2472.76	3/4	2215.53	3/4	1958.3	3/4	1701.07	3/4	1443.83	3/4	1187.19	3/4	930.31	3/4	673.07	3/4	415.84	3/4	158.61
2		2	3098.90	2	2954.18	2	2809.46	2	2664.74	2	2467.4	2	2210.17	2	1952.94	2	1695.71	2	1438.48	2	1181.85	2	924.95	2	667.72	2	410.48	2	153.25
1/4		1/4	3095.88	1/4	2951.16	1/4	2806.44	1/4	2661.72	1/4	2462.04	1/4	2204.81	1/4	1947.58	1/4	1690.35	1/4	1433.12	1/4	1176.51	1/4	919.59	1/4	662.36	1/4	405.12	1/4	147.89
1/2		1/2	3092.87	1/2	2948.15	1/2	2803.43	1/2	2658.71	1/2	2456.69	1/2	2199.45	1/2	1942.22	1/2	1684.99	1/2	1427.76	1/2	1171.16	1/2	914.23	1/2	657	1/2	399.77	1/2	142.53
3/4		3/4	3089.85	3/4	2945.13	3/4	2800.41	3/4	2655.69	3/4	2451.33	3/4	2194.09	3/4	1936.86	3/4	1679.63	3/4	1422.4	3/4	1165.82	3/4	908.87	3/4	651.64	3/4	394.41	3/4	137.17
3	3198.35	3	3086.84	3	2942.12	3	2797.40	3	2652.68	3	2445.97	3	2188.74	3	1931.5	3	1674.27	3	1417.04	3	1160.48	3	903.51	3	646.28	3	389.05	3	131.82
1/4	3198.32	1/4	3083.82	1/4	2939.1	1/4	2794.38	1/4	2649.66	1/4	2440.61	1/4	2183.38	1/4	1926.14	1/4	1668.91	1/4	1411.68	1/4	1155.14	1/4	898.15	1/4	640.92	1/4	383.69	1/4	126.46
1/2	3198.07	1/2	3080.81	1/2	2936.09	1/2	2791.37	1/2	2646.65	1/2	2435.25	1/2	2178.02	1/2	1920.79	1/2	1663.55	1/2	1406.32	1/2	1148.8	1/2	892.79	1/2	635.56	1/2	378.33	1/2	121.1
3/4	3197.64	3/4	3077.79	3/4	2933.07	3/4	2788.35	3/4	2643.63	3/4	2429.89	3/4	2172.66	3/4	1915.43	3/4	1658.19	3/4	1400.96	3/4	1144.46	3/4	887.43	3/4	630.2	3/4	372.97	3/4	115.74
4	3197.21	4	3074.78	4	2930.06	4	2785.34	4	2640.62	4	2424.53	4	2167.3	4	1910.07	4	1652.84	4	1395.6	4	1139.12	4	882.08	4	624.84	4	367.61	4	110.38
1/4	3196.79	1/4	3071.76	1/4	2927.04	1/4	2782.32	1/4	2637.60	1/4	2419.17	1/4	2161.94	1/4	1904.71	1/4	1647.48	1/4	1390.24	1/4	1133.78	1/4	876.72	1/4	619.48	1/4	362.25	1/4	105.02
1/2	3196.07	1/2	3068.75	1/2	2924.03	1/2	2779.31	1/2	2634.59	1/2	2413.81	1/2	2156.58	1/2	1899.35	1/2	1642.12	1/2	1384.89	1/2	1128.44	1/2	871.36	1/2	614.13	1/2	356.89	1/2	99.66
3/4	3195.07	3/4	3065.73	3/4	2921.01	3/4	2776.29	3/4	2631.57	3/4	2408.45	3/4	2151.22	3/4	1893.99	3/4	1636.76	3/4	1379.53	3/4	1123.10	3/4	866	3/4	608.77	3/4	351.53	3/4	94.3
5	3194.07	5	3062.72	5	2918.00	5	2773.28	5	2628.56	5	2403.1	5	2145.86	5	1888.63	5	1631.4	5	1374.17	5	1117.75	5	860.64	5	603.41	5	346.18	5	88.94
1/4	3193.06	1/4	3059.7	1/4	2914.98	1/4	2770.26	1/4	2625.54	1/4	2397.74	1/4	2140.50	1/4	1883.27	1/4	1626.04	1/4	1368.81	1/4	1112.41	1/4	855.28	1/4	598.05	1/4	340.82	1/4	83.58
1/2	3191.77	1/2	3056.69	1/2	2911.97	1/2	2767.25	1/2	2622.53	1/2	2392.38	1/2	2135.15	1/2	1877.91	1/2	1620.68	1/2	1363.45	1/2	1107.07	1/2	849.92	1/2	592.69	1/2	335.46	1/2	78.23
3/4	3190.2	3/4	3053.67	3/4	2908.95	3/4	2764.23	3/4	2619.51	3/4	2387.02	3/4	2129.79	3/4	1872.55	3/4	1615.32	3/4	1358.1	3/4	1101.73	3/4	844.56	3/4	587.33	3/4	330.1	3/4	72.87
6	3188.62	6	3050.66	6	2905.94	6	2761.22	6	2616.5	6	2381.66	6	2124.43	6	1867.2	6	1609.96	6	1352.76	6	1096.39	6	839.20	6	581.97	6	324.74	6	67.51
1/4	3187.04	1/4	3047.64	1/4	2902.92	1/4	2758.2	1/4	2613.42	1/4	2376.3	1/4	2119.07	1/4	1861.84	1/4	1604.6	1/4	1347.42	1/4	1091.05	1/4	833.84	1/4	576.61	1/4	319.38	1/4	62.15
1/2	3185.18	1/2	3044.63	1/2	2899.91	1/2	2755.19	1/2	2610.29	1/2	2370.94	1/2	2113.71	1/2	1856.48	1/2	1599.25	1/2	1342.08	1/2	1085.71	1/2	828.49	1/2	571.25	1/2	314.02	1/2	56.79
3/4	3183.02	3/4	3041.61	3/4	2896.89	3/4	2752.17	3/4	2606.96	3/4	2365.58	3/4	2108.35	3/4	1851.12	3/4	1593.89	3/4	1336.74	3/4	1080.36	3/4	823.13	3/4	565.89	3/4	308.66	3/4	51.7
7	3180.87	7	3038.6	7	2893.88	7	2749.16	7	2603.44	7	2360.22	7	2102.99	7	1845.76	7	1588.53	7	1331.39	7	1075	7	817.77	7	560.54	7	303.3	7	47
1/4	3178.72	1/4	3035.58	1/4	2890.86	1/4	2746.14	1/4	2599.91	1/4	2354.86	1/4	2097.63	1/4	1840.4	1/4	1583.17	1/4	1326.05	1/4	1069.64	1/4	812.77	1/4	555.18	1/4	297.94	1/4	42
1/2	3176.28	1/2	3032.57	1/2	2887.85	1/2	2743.13	1/2	2596.39	1/2	2349.51	1/2	2092.27	1/2	1835.04	1/2	1577.81	1/2	1320.71	1/2	1064.28	1/2	807.05	1/2	549.82	1/2	292.59	1/2	37
3/4	3173.55	3/4	3029.55	3/4	2884.83	3/4	2740.11	3/4	2592.6	3/4	2344.15	3/4	2086.91	3/4	1829.68	3/4	1572.45	3/4	1315.37	3/4	1058.92	3/4	801.69	3/4	544.46	3/4	287.23	3/4	32.95
8	3170.83	8	3026.54	8	2881.82	8	2737.1	8	2588.55	8	2338.79	8	2081.56	8	1824.32	8	1567.09	8	1310.03	8	1053.56	8	796.33	8	539.1	8	281.87	8	29.21
1/4	3168.1	1/4	3023.52	1/4	2878.8	1/4	2734.08	1/4	2584.5	1/4	2333.43	1/4	2076.2	1/4	1818.96	1/4	1561.73	1/4	1304.69	1/4	1048.2	1/4	790.97	1/4	533.74	1/4	276.51	1/4	25.46
1/2	3165.23	1/2	3020.51	1/2	2875.79	1/2	2731.07	1/2	2580.45	1/2	2328.07	1/2	2070.84	1/2	1813.61	1/2	1556.37	1/2	1299.35	1/2	1042.85	1/2	785.61	1/2	528.38	1/2	271.15	1/2	21.72
3/4	3162.21	3/4																											

MAGNOLIA MARINE - BARGE "MM 112"

ULLAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET		15 FEET		16 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0		0	3129.05	0	2984.33	0	2839.61	0	2694.89	0	2520.99	0	2263.76	0	2006.53	0	1749.30	0	1492.07	0	1235.26	0	978.54	0	721.31	0	464.07	0	206.84
1/4		1/4	3126.03	1/4	2981.31	1/4	2836.59	1/4	2691.87	1/4	2515.63	1/4	2258.4	1/4	2001.17	1/4	1743.94	1/4	1486.71	1/4	1229.92	1/4	973.18	1/4	715.95	1/4	458.71	1/4	201.48
1/2		1/2	3123.02	1/2	2978.3	1/2	2833.58	1/2	2688.86	1/2	2510.28	1/2	2253.04	1/2	1995.81	1/2	1738.58	1/2	1481.35	1/2	1224.57	1/2	967.82	1/2	710.59	1/2	453.36	1/2	196.12
3/4		3/4	3120	3/4	2975.28	3/4	2830.56	3/4	2685.84	3/4	2504.92	3/4	2247.68	3/4	1990.45	3/4	1733.22	3/4	1475.99	3/4	1219.23	3/4	962.46	3/4	705.23	3/4	448	3/4	190.76
1		1	3116.99	1	2972.27	1	2827.55	1	2682.83	1	2499.56	1	2242.33	1	1985.09	1	1727.86	1	1470.63	1	1213.89	1	957.1	1	699.87	1	442.64	1	185.41
1/4		1/4	3113.97	1/4	2969.25	1/4	2824.53	1/4	2679.81	1/4	2494.2	1/4	2236.97	1/4	1979.73	1/4	1722.5	1/4	1465.27	1/4	1208.55	1/4	951.74	1/4	694.51	1/4	437.28	1/4	180.05
1/2		1/2	3110.96	1/2	2966.24	1/2	2821.52	1/2	2676.8	1/2	2488.84	1/2	2231.61	1/2	1974.38	1/2	1717.14	1/2	1459.91	1/2	1203.21	1/2	946.38	1/2	689.15	1/2	431.92	1/2	174.69
3/4		3/4	3107.94	3/4	2963.22	3/4	2818.5	3/4	2673.78	3/4	2483.48	3/4	2226.25	3/4	1969.02	3/4	1711.78	3/4	1454.55	3/4	1197.87	3/4	941.02	3/4	683.79	3/4	426.56	3/4	169.33
2		2	3104.93	2	2960.21	2	2815.49	2	2670.77	2	2478.12	2	2220.89	2	1963.66	2	1706.43	2	1449.19	2	1192.53	2	935.67	2	678.43	2	421.2	2	163.97
1/4		1/4	3101.91	1/4	2957.19	1/4	2812.47	1/4	2667.75	1/4	2472.76	1/4	2215.53	1/4	1958.3	1/4	1701.07	1/4	1443.83	1/4	1187.19	1/4	930.31	1/4	673.07	1/4	415.84	1/4	158.61
1/2		1/2	3098.9	1/2	2954.18	1/2	2809.46	1/2	2664.74	1/2	2467.4	1/2	2210.17	1/2	1952.94	1/2	1695.71	1/2	1438.48	1/2	1181.85	1/2	924.95	1/2	667.72	1/2	410.48	1/2	153.25
3/4		3/4	3095.88	3/4	2951.16	3/4	2806.44	3/4	2661.72	3/4	2462.04	3/4	2204.81	3/4	1947.58	3/4	1690.35	3/4	1433.12	3/4	1176.51	3/4	919.59	3/4	662.36	3/4	405.12	3/4	147.89
3		3	3092.87	3	2948.15	3	2803.43	3	2658.71	3	2456.69	3	2199.45	3	1942.22	3	1684.99	3	1427.76	3	1171.16	3	914.23	3	657	3	399.77	3	142.53
1/4		1/4	3089.85	1/4	2945.13	1/4	2800.41	1/4	2655.69	1/4	2451.33	1/4	2194.09	1/4	1936.86	1/4	1679.63	1/4	1422.4	1/4	1165.82	1/4	908.87	1/4	651.64	1/4	394.41	1/4	137.17
1/2	3198.35	1/2	3086.84	1/2	2942.12	1/2	2797.4	1/2	2652.68	1/2	2445.97	1/2	2188.74	1/2	1931.5	1/2	1674.27	1/2	1417.04	1/2	1160.48	1/2	903.51	1/2	646.28	1/2	389.05	1/2	131.82
3/4	3198.32	3/4	3083.82	3/4	2939.09	3/4	2794.38	3/4	2649.66	3/4	2440.61	3/4	2183.38	3/4	1926.14	3/4	1668.91	3/4	1411.68	3/4	1155.14	3/4	898.15	3/4	640.92	3/4	383.69	3/4	126.46
4	3198.07	4	3080.81	4	2933.07	4	2791.37	4	2646.65	4	2435.25	4	2178.02	4	1920.79	4	1663.55	4	1406.32	4	1149.8	4	892.79	4	635.56	4	378.33	4	121.1
1/4	3197.64	1/4	3077.79	1/4	2930.06	1/4	2788.35	1/4	2643.63	1/4	2429.89	1/4	2172.66	1/4	1915.43	1/4	1658.19	1/4	1400.96	1/4	1144.46	1/4	887.43	1/4	630.2	1/4	372.97	1/4	115.74
1/2	3197.21	1/2	3074.78	1/2	2927.04	1/2	2785.34	1/2	2640.62	1/2	2424.53	1/2	2167.3	1/2	1910.07	1/2	1652.84	1/2	1395.6	1/2	1139.12	1/2	882.08	1/2	624.84	1/2	367.61	1/2	110.38
3/4	3196.79	3/4	3071.76	3/4	2924.03	3/4	2782.32	3/4	2637.6	3/4	2419.17	3/4	2161.94	3/4	1904.71	3/4	1647.48	3/4	1390.24	3/4	1133.78	3/4	876.72	3/4	619.48	3/4	362.25	3/4	105.02
5	3196.07	5	3068.75	5	2924.03	5	2779.31	5	2634.59	5	2413.81	5	2156.58	5	1899.35	5	1642.12	5	1384.89	5	1128.44	5	871.36	5	614.13	5	356.89	5	99.66
1/4	3195.07	1/4	3065.73	1/4	2921.03	1/4	2776.29	1/4	2631.57	1/4	2408.45	1/4	2151.22	1/4	1893.99	1/4	1636.76	1/4	1379.53	1/4	1123.1	1/4	866	1/4	608.77	1/4	351.53	1/4	94.3
1/2	3194.07	1/2	3062.72	1/2	2918	1/2	2773.28	1/2	2628.56	1/2	2403.1	1/2	2145.86	1/2	1888.63	1/2	1631.4	1/2	1374.17	1/2	1117.75	1/2	860.64	1/2	603.41	1/2	346.18	1/2	88.94
3/4	3193.06	3/4	3059.7	3/4	2914.98	3/4	2770.26	3/4	2625.54	3/4	2397.74	3/4	2140.5	3/4	1883.27	3/4	1626.04	3/4	1368.81	3/4	1112.41	3/4	855.28	3/4	598.05	3/4	340.82	3/4	83.58
6	3191.77	6	3056.69	6	2911.97	6	2767.25	6	2622.53	6	2392.38	6	2135.15	6	1877.91	6	1620.68	6	1363.45	6	1107.07	6	849.92	6	592.69	6	335.46	6	78.23
1/4	3190.2	1/4	3053.67	1/4	2908.95	1/4	2764.23	1/4	2619.51	1/4	2387.02	1/4	2129.79	1/4	1872.55	1/4	1615.32	1/4	1358.1	1/4	1101.73	1/4	844.56	1/4	587.33	1/4	330.1	1/4	72.87
1/2	3188.62	1/2	3050.66	1/2	2905.94	1/2	2761.22	1/2	2616.5	1/2	2381.66	1/2	2124.43	1/2	1867.2	1/2	1609.96	1/2	1352.76	1/2	1096.39	1/2	839.2	1/2	581.97	1/2	324.74	1/2	67.51
3/4	3187.04	3/4	3047.64	3/4	2902.92	3/4	2758.2	3/4	2613.42	3/4	2376.3	3/4	2119.07	3/4	1861.84	3/4	1604.50	3/4	1347.42	3/4	1091.05	3/4	833.84	3/4	576.61	3/4	319.38	3/4	62.15
7	3185.18	7	3044.63	7	2899.97	7	2755.19	7	2610.29	7	2370.94	7	2113.71	7	1856.48	7	1599.25	7	1342.08	7	1085.71	7	828.49	7	571.25	7	314.02	7	57
1/4	3183.02	1/4	3041.61	1/4	2896.89	1/4	2752.17	1/4	2606.96	1/4	2365.58	1/4	2108.35	1/4	1851.12	1/4	1593.89	1/4	1336.74	1/4	1080.36	1/4	823.13	1/4	565.89	1/4	308.66	1/4	52
1/2	3180.87	1/2	3038.6	1/2	2893.88	1/2	2749.16	1/2	2603.44	1/2	2360.22	1/2	2102.99	1/2	1845.76	1/2	1588.53	1/2	1331.39	1/2	1075	1/2	817.77	1/2	560.54	1/2	303.3	1/2	47
3/4	3178.72	3/4	3035.58	3/4	2890.86	3/4	2746.14	3/4	2599.91	3/4	2354.86	3/4	2097.63	3/4	1840.4	3/4	1583.17	3/4	1326.05	3/4	1069.64	3/4	812.41	3/4	555.18	3/4	297.94	3/4	42.06
8	3176.28	8	3032.57	8	2887.85	8	2743.13	8	2596.39	8	2349.51	8	2092.27	8	1835.04	8	1577.81	8	1320.71	8	1064.28	8	807.05	8	549.82	8	292.59	8	37.24
1/4	3173.55	1/4	3029.55	1/4	2884.83	1/4	2740.11	1/4	2592.6	1/4	2344.15	1/4	2086.91	1/4	1829.68	1/4	1572.45	1/4	1315.37	1/4	1058.92	1/4	801.69	1/4	544.46	1/4	287.23	1/4	32.95
1/2	3170.83	1/2	3026.54	1/2	2881.82	1/2	2737.1	1/2	2588.55	1/2	2338.79	1/2	2081.56	1/2	1824.32	1/2	1567.09	1/2	1310.03	1/2	1053.56	1/2	796.33	1/2	539.1	1/2	281.87	1/2	29.21
3/4	3168.1	3/4	3023.52	3/4	287																								