

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

1 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	18.61	0	220.33	0	482.01	0	792.00	0	1108.89	0	1425.79	0	1742.69	0	2059.58	0	2376.48	0	2693.37	0	3010.27	0	3327.17	0	3644.06	0	3960.96	0	4277.85
1/4	21.59	1/4	225.35	1/4	488.19	1/4	798.60	1/4	1115.50	1/4	1432.39	1/4	1749.29	1/4	2066.18	1/4	2383.08	1/4	2699.98	1/4	3016.87	1/4	3333.77	1/4	3650.66	1/4	3967.56	1/4	4284.46
1/2	24.56	1/2	230.37	1/2	494.36	1/2	805.20	1/2	1122.10	1/2	1438.99	1/2	1755.89	1/2	2072.79	1/2	2389.68	1/2	2706.58	1/2	3023.47	1/2	3340.37	1/2	3657.27	1/2	3974.16	1/2	4290.43
3/4	27.54	3/4	235.39	3/4	500.53	3/4	811.80	3/4	1128.70	3/4	1445.60	3/4	1762.49	3/4	2079.39	3/4	2396.28	3/4	2713.18	3/4	3030.08	3/4	3346.97	3/4	3663.87	3/4	3980.76	3/4	4296.40
1	30.51	1	240.41	1	506.70	1	818.41	1	1135.30	1	1452.20	1	1769.09	1	2085.99	1	2402.89	1	2719.78	1	3036.68	1	3353.57	1	3670.47	1	3987.37	1	4302.37
1/4	34.08	1/4	245.44	1/4	512.87	1/4	825.01	1/4	1141.90	1/4	1458.80	1/4	1775.70	1/4	2092.59	1/4	2409.49	1/4	2726.38	1/4	3043.28	1/4	3360.18	1/4	3677.07	1/4	3993.97	1/4	4308.34
1/2	37.66	1/2	250.46	1/2	519.04	1/2	831.61	1/2	1148.51	1/2	1465.40	1/2	1782.30	1/2	2099.19	1/2	2416.09	1/2	2732.99	1/2	3049.88	1/2	3366.78	1/2	3683.67	1/2	4000.57	1/2	4313.05
3/4	41.23	3/4	255.48	3/4	525.21	3/4	838.21	3/4	1155.11	3/4	1472.00	3/4	1788.90	3/4	2105.80	3/4	2422.69	3/4	2739.59	3/4	3056.48	3/4	3373.38	3/4	3690.28	3/4	4007.17	3/4	4317.76
2	44.80	2	260.50	2	531.38	2	844.81	2	1161.71	2	1478.61	2	1795.50	2	2112.40	2	2429.29	2	2746.19	2	3063.09	2	3379.98	2	3696.88	2	4013.77	2	4322.47
1/4	48.67	1/4	265.52	1/4	537.55	1/4	851.42	1/4	1168.31	1/4	1485.21	1/4	1802.10	1/4	2119.00	1/4	2433.90	1/4	2752.79	1/4	3069.69	1/4	3386.58	1/4	3703.48	1/4	4020.38	1/4	4327.18
1/2	52.54	1/2	270.54	1/2	543.72	1/2	858.02	1/2	1174.91	1/2	1491.81	1/2	1808.71	1/2	2125.60	1/2	2442.50	1/2	2759.39	1/2	3076.29	1/2	3393.19	1/2	3710.08	1/2	4026.98	1/2	4330.63
3/4	56.42	3/4	275.56	3/4	549.90	3/4	864.62	3/4	1181.52	3/4	1498.41	3/4	1815.31	3/4	2132.20	3/4	2449.10	3/4	2766.00	3/4	3082.89	3/4	3399.79	3/4	3716.68	3/4	4033.58	3/4	4334.08
3	60.29	3	280.58	3	556.07	3	871.22	3	1188.12	3	1505.01	3	1821.91	3	2138.81	3	2455.70	3	2772.60	3	3089.49	3	3406.39	3	3723.29	3	4040.18	3	4337.53
1/4	64.44	1/4	285.89	1/4	562.52	1/4	877.82	1/4	1194.72	1/4	1511.62	1/4	1828.51	1/4	2145.41	1/4	2462.30	1/4	2779.20	1/4	3096.10	1/4	3412.99	1/4	3729.89	1/4	4046.78	1/4	4340.98
1/2	68.60	1/2	291.20	1/2	568.98	1/2	884.43	1/2	1201.32	1/2	1518.22	1/2	1835.11	1/2	2152.01	1/2	2468.91	1/2	2785.80	1/2	3102.70	1/2	3419.59	1/2	3736.49	1/2	4053.39	1/2	4343.16
3/4	72.76	3/4	296.51	3/4	575.44	3/4	891.03	3/4	1207.92	3/4	1524.82	3/4	1841.72	3/4	2158.61	3/4	2475.51	3/4	2792.40	3/4	3109.30	3/4	3426.20	3/4	3743.09	3/4	4059.99	3/4	4345.35
4	76.92	4	301.81	4	581.89	4	897.63	4	1214.53	4	1531.42	4	1848.32	4	2165.21	4	2482.11	4	2799.01	4	3115.90	4	3432.80	4	3749.69	4	4066.59	4	4347.54
1/4	81.08	1/4	307.12	1/4	588.35	1/4	904.23	1/4	1221.13	1/4	1538.02	1/4	1854.92	1/4	2171.82	1/4	2488.71	1/4	2805.61	1/4	3122.50	1/4	3439.40	1/4	3756.30	1/4	4073.19	1/4	4349.72
1/2	85.23	1/2	312.43	1/2	594.81	1/2	910.83	1/2	1227.73	1/2	1544.63	1/2	1861.52	1/2	2178.42	1/2	2495.31	1/2	2812.21	1/2	3129.11	1/2	3446.00	1/2	3762.90	1/2	4079.79	1/2	4350.65
3/4	89.39	3/4	317.74	3/4	601.27	3/4	917.44	3/4	1234.33	3/4	1551.23	3/4	1868.12	3/4	2185.02	3/4	2501.92	3/4	2818.81	3/4	3135.71	3/4	3452.60	3/4	3769.50	3/4	4086.40	3/4	4351.58
5	93.55	5	323.05	5	607.72	5	924.04	5	1240.93	5	1557.83	5	1874.73	5	2191.62	5	2508.52	5	2825.41	5	3142.31	5	3459.21	5	3776.10	5	4093.00	5	4352.50
1/4	97.71	1/4	328.35	1/4	614.18	1/4	930.64	1/4	1247.54	1/4	1564.43	1/4	1881.33	1/4	2198.22	1/4	2515.12	1/4	2832.02	1/4	3148.91	1/4	3465.81	1/4	3782.70	1/4	4099.60	1/4	4353.43
1/2	101.87	1/2	333.66	1/2	620.64	1/2	937.84	1/2	1254.14	1/2	1571.03	1/2	1887.93	1/2	2204.83	1/2	2521.72	1/2	2838.62	1/2	3155.51	1/2	3472.41	1/2	3789.31	1/2	4106.20	1/2	4353.57
3/4	106.02	3/4	338.97	3/4	627.09	3/4	943.84	3/4	1260.74	3/4	1577.64	3/4	1894.53	3/4	2211.43	3/4	2528.32	3/4	2845.22	3/4	3162.12	3/4	3479.01	3/4	3795.91	3/4	4112.80	3/4	
6	110.18	6	344.28	6	633.55	6	950.45	6	1267.34	6	1584.24	6	1901.13	6	2218.03	6	2534.93	6	2851.82	6	3168.72	6	3485.61	6	3802.51	6	4119.41	6	
1/4	114.63	1/4	349.87	1/4	640.15	1/4	957.05	1/4	1273.94	1/4	1590.84	1/4	1907.74	1/4	2224.63	1/4	2541.53	1/4	2858.42	1/4	3175.32	1/4	3492.22	1/4	3809.11	1/4	4126.01	1/4	
1/2	119.07	1/2	355.47	1/2	646.75	1/2	963.65	1/2	1280.55	1/2	1597.44	1/2	1914.34	1/2	2231.23	1/2	2548.13	1/2	2865.03	1/2	3181.92	1/2	3498.82	1/2	3815.71	1/2	4132.61	1/2	
3/4	123.52	3/4	361.06	3/4	653.36	3/4	970.25	3/4	1287.15	3/4	1604.04	3/4	1920.94	3/4	2237.84	3/4	2554.73	3/4	2871.63	3/4	3188.52	3/4	3505.42	3/4	3822.32	3/4	4139.21	3/4	
7	127.97	7	366.66	7	659.96	7	976.85	7	1293.75	7	1610.65	7	1927.54	7	2244.44	7	2561.33	7	2878.23	7	3195.13	7	3512.02	7	3828.92	7	4145.42	7	
1/4	132.41	1/4	372.25	1/4	666.56	1/4	983.46	1/4	1300.35	1/4	1617.25	1/4	1934.14	1/4	2251.04	1/4	2567.94	1/4	2884.83	1/4	3201.73	1/4	3518.62	1/4	3835.52	1/4	4152.42	1/4	
1/2	136.86	1/2	377.85	1/2	673.16	1/2	990.06	1/2	1306.95	1/2	1623.85	1/2	1940.75	1/2	2257.64	1/2	2574.54	1/2	2891.43	1/2	3208.33	1/2	3525.33	1/2	3842.12	1/2	4159.02	1/2	
3/4	141.30	3/4	383.44	3/4	679.76	3/4	996.66	3/4	1313.56	3/4	1630.45	3/4	1947.35	3/4	2264.24	3/4	2581.14	3/4	2898.04	3/4	3214.93	3/4	3531.83	3/4	3848.72	3/4	4165.62	3/4	
8	145.75	8	389.04	8	686.37	8	1003.26	8	1320.16	8	1637.05	8	1953.95	8	2270.85	8	2587.74	8	2904.64	8	3221.53	8	3538.43	8	3855.33	8	4172.22	8	
1/4	150.20	1/4	394.63	1/4	692.97	1/4	1009.86	1/4	1326.76	1/4	1643.66	1/4	1960.55	1/4	2277.45	1/4	2594.34	1/4	2911.24	1/4	3228.14	1/4	3545.03	1/4	3861.93	1/4	4178.82	1/4	
1/2	154.64	1/2	400.23	1/2	699.57	1/2	1016.47	1/2	1333.36	1/2	1650.26	1/2	1967.15	1/2	2284.05	1/2	2600.95	1/2	2917.84	1/2	3234.74	1/2	3551.63	1/2	3868.53	1/2	4185.43	1/2	
3/4	159.09	3/4	405.82	3/4	706.17	3/4	1023.07	3/4	1339.96	3/4	1656.86	3/4	1973.76	3/4	2290.65	3/4	2607.55	3/4	2924.44	3/4	3241.34	3/4	3558.24	3/4	3875.13	3/4	4192.03	3/4	
9	163.53	9	411.42	9	712.77	9	1029.67	9	1346.57	9	1663.46	9	1980.36	9	2297.25	9	2614.15	9	2931.05	9	3247.94	9	3564.84	9	3881.73	9	4198.63	9	
1/4	168.27	1/4	417.30	1/4	719.38	1/4	1036.27	1/4	1353.17	1/4	1670.06	1/4	1986.96	1/4	2303.86	1/4	2620.75	1/4	2937.65	1/4	3254.54	1/4	3571.44	1/4	3888.34	1/4	4205.23	1/4	
1/2	173.00	1/2	423.18	1/2	725.98	1/2	1042.87	1/2	1359.77	1/2	1676.67	1/2	1993.56	1/2	2310.46	1/2	2627.35	1/2	2944.25	1/2	3261.15	1/2	3578.04	1/2	3894.94	1/2	4211.83	1/2	
3/4	177.73	3/4	429.07	3/4	732.58	3/4	1049.48	3/4	1366.37	3/4	1683.27	3/4	2000.16	3/4	2317.06	3/4	2633.96	3/4	2950.85	3/4	3267.75	3/4	3584.64	3/4	3901.54	3/4	4218.44	3/4	
10	182.47	10	434.95	10	739.18	10	1056.																						

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

1 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	18.61	0	220.33	0	482.01	0	792.00	0	1108.89	0	1425.79	0	1742.69	0	2059.58	0	2376.48	0	2693.37	0	3010.27	0	3327.17	0	3644.06	0	3960.96	0	4277.85
1/4	21.59	1/4	225.35	1/4	488.19	1/4	798.60	1/4	1115.50	1/4	1432.39	1/4	1749.29	1/4	2066.18	1/4	2383.08	1/4	2699.98	1/4	3016.87	1/4	3333.77	1/4	3650.66	1/4	3967.56	1/4	4284.46
1/2	24.56	1/2	230.37	1/2	494.36	1/2	805.20	1/2	1122.10	1/2	1438.99	1/2	1755.89	1/2	2072.79	1/2	2389.68	1/2	2706.58	1/2	3023.47	1/2	3340.37	1/2	3657.27	1/2	3974.16	1/2	4290.43
3/4	27.54	3/4	235.39	3/4	500.53	3/4	811.80	3/4	1128.70	3/4	1445.60	3/4	1762.49	3/4	2079.39	3/4	2396.28	3/4	2713.18	3/4	3030.08	3/4	3346.97	3/4	3663.87	3/4	3980.76	3/4	4296.40
1	30.51	1	240.41	1	506.70	1	818.41	1	1135.30	1	1452.20	1	1769.09	1	2085.99	1	2402.89	1	2719.78	1	3036.68	1	3353.57	1	3670.47	1	3987.37	1	4302.37
1/4	34.08	1/4	245.44	1/4	512.87	1/4	825.01	1/4	1141.90	1/4	1458.80	1/4	1775.70	1/4	2092.59	1/4	2409.49	1/4	2726.38	1/4	3043.28	1/4	3360.18	1/4	3670.47	1/4	3993.97	1/4	4308.34
1/2	37.66	1/2	250.46	1/2	519.04	1/2	831.61	1/2	1148.51	1/2	1465.40	1/2	1782.30	1/2	2099.19	1/2	2416.09	1/2	2732.99	1/2	3049.88	1/2	3366.78	1/2	3683.67	1/2	4000.57	1/2	4313.05
3/4	41.23	3/4	255.48	3/4	525.21	3/4	838.21	3/4	1155.11	3/4	1472.00	3/4	1788.90	3/4	2105.80	3/4	2422.69	3/4	2739.59	3/4	3056.48	3/4	3373.38	3/4	3690.28	3/4	4007.17	3/4	4317.76
2	44.80	2	260.50	2	531.38	2	844.81	2	1161.71	2	1478.61	2	1795.50	2	2112.40	2	2429.29	2	2746.19	2	3063.09	2	3379.98	2	3696.88	2	4013.77	2	4322.47
1/4	48.67	1/4	265.52	1/4	537.55	1/4	851.42	1/4	1168.31	1/4	1485.21	1/4	1802.10	1/4	2119.00	1/4	2435.90	1/4	2752.79	1/4	3069.69	1/4	3386.58	1/4	3703.48	1/4	4020.38	1/4	4327.18
1/2	54.54	1/2	270.54	1/2	543.72	1/2	858.02	1/2	1174.91	1/2	1491.81	1/2	1808.71	1/2	2125.60	1/2	2442.50	1/2	2759.39	1/2	3076.29	1/2	3393.19	1/2	3710.08	1/2	4026.98	1/2	4330.63
3/4	56.42	3/4	275.56	3/4	549.90	3/4	864.62	3/4	1181.52	3/4	1498.41	3/4	1815.31	3/4	2132.20	3/4	2449.10	3/4	2766.00	3/4	3082.89	3/4	3399.79	3/4	3716.68	3/4	4033.58	3/4	4334.08
3	60.29	3	280.58	3	556.07	3	871.22	3	1188.12	3	1505.01	3	1821.91	3	2138.81	3	2455.70	3	2772.60	3	3089.49	3	3406.39	3	3723.29	3	4040.18	3	4337.53
1/4	64.44	1/4	285.89	1/4	562.52	1/4	877.82	1/4	1194.72	1/4	1511.62	1/4	1828.51	1/4	2145.41	1/4	2462.30	1/4	2779.20	1/4	3096.10	1/4	3412.99	1/4	3729.89	1/4	4046.78	1/4	4343.98
1/2	68.60	1/2	291.20	1/2	568.98	1/2	884.43	1/2	1201.32	1/2	1518.22	1/2	1835.11	1/2	2152.01	1/2	2468.91	1/2	2785.80	1/2	3102.70	1/2	3419.59	1/2	3736.49	1/2	4053.39	1/2	4340.16
3/4	72.76	3/4	296.51	3/4	575.44	3/4	891.03	3/4	1207.92	3/4	1524.82	3/4	1841.72	3/4	2158.61	3/4	2475.51	3/4	2792.40	3/4	3109.30	3/4	3426.20	3/4	3743.09	3/4	4059.99	3/4	4345.35
4	76.92	4	301.81	4	581.89	4	897.63	4	1214.53	4	1531.42	4	1848.32	4	2165.21	4	2482.11	4	2799.01	4	3115.90	4	3432.80	4	3749.69	4	4066.59	4	4347.54
1/4	81.08	1/4	307.12	1/4	588.35	1/4	904.23	1/4	1221.13	1/4	1538.02	1/4	1854.92	1/4	2171.82	1/4	2488.71	1/4	2805.61	1/4	3122.50	1/4	3439.40	1/4	3756.30	1/4	4073.19	1/4	4349.72
1/2	85.23	1/2	312.43	1/2	594.81	1/2	910.83	1/2	1227.73	1/2	1544.63	1/2	1861.52	1/2	2178.42	1/2	2495.31	1/2	2812.21	1/2	3129.11	1/2	3446.00	1/2	3762.90	1/2	4079.79	1/2	4350.65
3/4	89.39	3/4	317.74	3/4	601.27	3/4	917.44	3/4	1234.33	3/4	1551.23	3/4	1868.12	3/4	2185.02	3/4	2501.92	3/4	2818.81	3/4	3135.71	3/4	3452.60	3/4	3769.50	3/4	4086.40	3/4	4351.58
5	93.55	5	323.05	5	607.72	5	924.04	5	1240.93	5	1557.83	5	1874.73	5	2191.62	5	2508.52	5	2825.41	5	3142.31	5	3459.21	5	3776.10	5	4093.00	5	4352.50
1/4	97.71	1/4	328.35	1/4	614.18	1/4	930.64	1/4	1247.54	1/4	1564.43	1/4	1881.33	1/4	2198.22	1/4	2515.12	1/4	2832.02	1/4	3148.91	1/4	3465.81	1/4	3782.70	1/4	4099.60	1/4	4353.43
1/2	101.87	1/2	333.66	1/2	620.64	1/2	937.24	1/2	1254.14	1/2	1571.03	1/2	1887.93	1/2	2204.83	1/2	2521.72	1/2	2838.62	1/2	3155.51	1/2	3472.41	1/2	3789.31	1/2	4106.20	1/2	4353.57
3/4	106.02	3/4	338.97	3/4	627.09	3/4	943.84	3/4	1260.74	3/4	1577.64	3/4	1894.53	3/4	2211.43	3/4	2528.32	3/4	2845.22	3/4	3162.12	3/4	3479.01	3/4	3795.91	3/4	4112.80	3/4	
6	110.18	6	344.28	6	633.55	6	950.45	6	1267.34	6	1584.24	6	1901.13	6	2218.03	6	2534.93	6	2851.82	6	3168.72	6	3485.61	6	3802.51	6	4119.41	6	
1/4	114.63	1/4	349.87	1/4	640.15	1/4	957.05	1/4	1273.94	1/4	1590.84	1/4	1907.74	1/4	2224.63	1/4	2541.53	1/4	2858.42	1/4	3175.32	1/4	3492.22	1/4	3809.11	1/4	4126.01	1/4	
1/2	119.07	1/2	355.47	1/2	646.75	1/2	963.65	1/2	1280.55	1/2	1597.44	1/2	1914.34	1/2	2231.23	1/2	2548.13	1/2	2865.03	1/2	3181.92	1/2	3498.82	1/2	3815.71	1/2	4132.61	1/2	
3/4	123.52	3/4	361.06	3/4	653.36	3/4	970.25	3/4	1287.15	3/4	1604.04	3/4	1920.94	3/4	2237.84	3/4	2554.73	3/4	2871.63	3/4	3188.52	3/4	3505.42	3/4	3822.32	3/4	4139.21	3/4	
7	127.97	7	366.66	7	659.96	7	976.85	7	1293.75	7	1610.65	7	1927.54	7	2244.44	7	2561.33	7	2878.23	7	3195.13	7	3512.02	7	3828.92	7	4145.81	7	
1/4	132.41	1/4	372.25	1/4	666.56	1/4	983.46	1/4	1300.35	1/4	1617.25	1/4	1934.14	1/4	2251.04	1/4	2567.94	1/4	2884.83	1/4	3201.73	1/4	3518.62	1/4	3835.52	1/4	4152.42	1/4	
1/2	136.86	1/2	377.85	1/2	673.16	1/2	990.06	1/2	1306.95	1/2	1623.85	1/2	1940.75	1/2	2257.64	1/2	2574.54	1/2	2891.43	1/2	3208.33	1/2	3525.23	1/2	3842.12	1/2	4159.02	1/2	
3/4	141.30	3/4	383.44	3/4	679.76	3/4	996.66	3/4	1312.56	3/4	1630.45	3/4	1947.35	3/4	2264.24	3/4	2581.14	3/4	2898.04	3/4	3214.93	3/4	3531.83	3/4	3848.72	3/4	4165.62	3/4	
8	145.75	8	389.04	8	686.37	8	1003.26	8	1320.16	8	1637.05	8	1953.95	8	2270.85	8	2587.74	8	2904.64	8	3221.53	8	3538.43	8	3855.33	8	4172.22	8	
1/4	150.20	1/4	394.63	1/4	692.97	1/4	1009.86	1/4	1326.76	1/4	1643.66	1/4	1960.55	1/4	2277.45	1/4	2594.34	1/4	2911.24	1/4	3228.14	1/4	3545.03	1/4	3861.93	1/4	4178.82	1/4	
1/2	154.64	1/2	400.23	1/2	699.57	1/2	1016.47	1/2	1333.36	1/2	1650.26	1/2	1967.15	1/2	2284.05	1/2	2600.95	1/2	2917.84	1/2	3234.74	1/2	3551.63	1/2	3868.53	1/2	4185.43	1/2	
3/4	159.09	3/4	405.82	3/4	706.17	3/4	1023.07	3/4	1339.96	3/4	1656.86	3/4	1973.76	3/4	2290.65	3/4	2607.55	3/4	2924.44	3/4	3241.34	3/4	3558.24	3/4	3875.13	3/4	4192.03	3/4	
9	163.53	9	411.42	9	712.77	9	1029.67	9	1346.57	9	1663.46	9	1980.36	9	2297.25	9	2614.15	9	2931.05	9	3247.94	9	3564.84	9	3881.73	9	4198.63	9	
1/4	168.27	1/4	417.30	1/4	719.38	1/4	1036.27	1/4	1353.17	1/4	1670.06	1/4	1986.96	1/4	2303.86	1/4	2620.75	1/4	2937.65	1/4	3254.54	1/4	3571.44	1/4	3888.34	1/4	4205.23	1/4	
1/2	173.00	1/2	423.18	1/2	725.98	1/2	1042.87	1/2	1359.77	1/2	1676.67	1/2	1993.56	1/2	2310.46	1/2	2627.35	1/2	2944.25	1/2	3261.15	1/2	3578.04	1/2	3894.94	1/2	4211.83	1/2	
3/4	177.73	3/4	429.07	3/4	732.58	3/4	1049.48	3/4	1366.37	3/4	1683.27	3/4	2000.16	3/4	2317.06	3/4	2633.96	3/4	2950.85	3/4	3267.75	3/4	3584.64	3/4	3901.54	3/4	4218.44	3/4	
10	182.47	10	434.95	10	739.18	10	1056.																						

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

2 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	16.15	0	287.26	0	573.91	0	860.57	0	1147.23	0	1433.88	0	1720.54	0	2007.19	0	2293.85	0	2580.51	0	2867.16	0	3153.82	0	3440.47	0	3727.13	0	4013.79
1/4	19.13	1/4	293.23	1/4	579.89	1/4	866.54	1/4	1153.20	1/4	1439.85	1/4	1726.51	1/4	2013.17	1/4	2299.82	1/4	2586.48	1/4	2873.13	1/4	3159.79	1/4	3446.45	1/4	3733.10	1/4	4019.76
1/2	22.11	1/2	299.20	1/2	585.86	1/2	872.51	1/2	1159.17	1/2	1445.83	1/2	1732.48	1/2	2019.14	1/2	2305.79	1/2	2592.45	1/2	2879.11	1/2	3165.76	1/2	3452.42	1/2	3739.07	1/2	4025.73
3/4	26.29	3/4	305.17	3/4	591.83	3/4	878.49	3/4	1165.14	3/4	1451.80	3/4	1738.45	3/4	2025.11	3/4	2311.77	3/4	2598.42	3/4	2885.08	3/4	3171.73	3/4	3458.39	3/4	3745.05	3/4	4031.70
1	30.47	1	311.15	1	597.80	1	884.46	1	1171.11	1	1457.77	1	1744.43	1	2031.08	1	2317.74	1	2604.39	1	2891.05	1	3177.71	1	3464.36	1	3751.02	1	4037.11
1/4	34.65	1/4	317.12	1/4	603.77	1/4	890.43	1/4	1177.09	1/4	1463.74	1/4	1750.40	1/4	2037.05	1/4	2323.71	1/4	2610.37	1/4	2897.02	1/4	3183.68	1/4	3470.33	1/4	3756.99	1/4	4042.51
1/2	38.83	1/2	323.09	1/2	609.75	1/2	896.40	1/2	1183.06	1/2	1469.71	1/2	1756.37	1/2	2043.03	1/2	2329.68	1/2	2616.34	1/2	2902.99	1/2	3189.65	1/2	3476.31	1/2	3762.96	1/2	4047.91
3/4	44.20	3/4	329.06	3/4	615.72	3/4	902.37	3/4	1189.03	3/4	1475.69	3/4	1762.34	3/4	2049.00	3/4	2335.65	3/4	2622.31	3/4	2908.97	3/4	3195.62	3/4	3482.28	3/4	3768.93	3/4	4053.31
2	49.57	2	335.03	2	621.69	2	908.35	2	1195.00	2	1481.66	2	1768.31	2	2054.97	2	2341.63	2	2628.28	2	2914.94	2	3201.59	2	3488.25	2	3774.91	2	4057.58
1/4	54.95	1/4	341.01	1/4	627.66	1/4	914.32	1/4	1200.97	1/4	1487.63	1/4	1774.29	1/4	2060.94	1/4	2347.60	1/4	2634.25	1/4	2920.91	1/4	3207.57	1/4	3494.22	1/4	3780.88	1/4	4061.84
1/2	60.32	1/2	346.98	1/2	633.63	1/2	920.29	1/2	1206.95	1/2	1493.60	1/2	1780.26	1/2	2066.91	1/2	2353.57	1/2	2640.23	1/2	2926.88	1/2	3213.54	1/2	3500.19	1/2	3786.85	1/2	4066.10
3/4	66.29	3/4	352.95	3/4	639.61	3/4	926.26	3/4	1212.92	3/4	1499.57	3/4	1786.23	3/4	2072.89	3/4	2359.54	3/4	2646.20	3/4	2932.85	3/4	3219.51	3/4	3506.17	3/4	3792.82	3/4	4070.37
3	72.27	3	358.92	3	645.58	3	932.23	3	1218.89	3	1505.55	3	1792.20	3	2078.86	3	2365.51	3	2652.17	3	2938.83	3	3225.48	3	3512.14	3	3798.79	3	4073.49
1/4	78.24	1/4	364.89	1/4	651.55	1/4	938.21	1/4	1224.86	1/4	1511.52	1/4	1798.17	1/4	2084.83	1/4	2371.49	1/4	2658.14	1/4	2944.80	1/4	3231.45	1/4	3518.11	1/4	3804.77	1/4	4076.61
1/2	84.21	1/2	370.87	1/2	657.52	1/2	944.18	1/2	1230.83	1/2	1517.49	1/2	1804.15	1/2	2090.80	1/2	2377.46	1/2	2664.11	1/2	2950.77	1/2	3237.43	1/2	3524.08	1/2	3810.74	1/2	4079.74
3/4	90.18	3/4	376.84	3/4	663.49	3/4	950.15	3/4	1236.81	3/4	1523.46	3/4	1810.12	3/4	2096.77	3/4	2383.43	3/4	2670.09	3/4	2956.74	3/4	3243.40	3/4	3530.05	3/4	3816.71	3/4	4082.86
4	96.15	4	382.81	4	669.47	4	956.12	4	1242.78	4	1529.43	4	1816.09	4	2102.75	4	2389.40	4	2676.06	4	2962.71	4	3249.37	4	3536.03	4	3822.68	4	4084.85
1/4	102.13	1/4	388.78	1/4	675.44	1/4	962.09	1/4	1248.75	1/4	1535.41	1/4	1822.06	1/4	2108.72	1/4	2395.37	1/4	2682.03	1/4	2968.69	1/4	3255.34	1/4	3542.00	1/4	3828.65	1/4	4086.83
1/2	108.10	1/2	394.75	1/2	681.41	1/2	968.07	1/2	1254.72	1/2	1541.38	1/2	1828.03	1/2	2114.69	1/2	2401.35	1/2	2688.00	1/2	2974.66	1/2	3261.31	1/2	3547.97	1/2	3838.63	1/2	4088.82
3/4	114.07	3/4	400.73	3/4	687.38	3/4	974.04	3/4	1260.69	3/4	1547.35	3/4	1834.01	3/4	2120.66	3/4	2407.32	3/4	2693.97	3/4	2980.63	3/4	3267.29	3/4	3553.94	3/4	3840.60	3/4	4090.81
5	120.04	5	406.70	5	693.35	5	980.01	5	1266.67	5	1553.32	5	1839.98	5	2126.63	5	2413.29	5	2699.95	5	2986.60	5	3273.26	5	3559.91	5	3846.57	5	4091.65
1/4	126.01	1/4	412.67	1/4	699.33	1/4	985.98	1/4	1272.64	1/4	1559.29	1/4	1845.95	1/4	2132.61	1/4	2419.26	1/4	2705.92	1/4	2992.57	1/4	3279.23	1/4	3565.89	1/4	3852.54	1/4	4092.50
1/2	131.99	1/2	418.64	1/2	705.30	1/2	991.95	1/2	1278.61	1/2	1565.27	1/2	1851.92	1/2	2138.58	1/2	2425.23	1/2	2711.89	1/2	2998.55	1/2	3285.20	1/2	3571.86	1/2	3858.51	1/2	4093.34
3/4	137.96	3/4	424.61	3/4	711.27	3/4	997.93	3/4	1284.58	3/4	1571.24	3/4	1857.89	3/4	2144.55	3/4	2431.21	3/4	2717.86	3/4	3004.52	3/4	3291.17	3/4	3577.83	3/4	3864.49	3/4	4094.19
6	143.93	6	430.59	6	717.24	6	1003.90	6	1290.55	6	1577.21	6	1863.87	6	2150.52	6	2437.18	6	2723.83	6	3013.49	6	3297.15	6	3583.80	6	3870.46	6	4094.32
1/4	149.90	1/4	436.56	1/4	723.21	1/4	1009.87	1/4	1296.53	1/4	1583.18	1/4	1869.84	1/4	2156.49	1/4	2443.15	1/4	2729.81	1/4	3016.46	1/4	3303.12	1/4	3589.77	1/4	3876.43	1/4	4094.48
1/2	155.87	1/2	442.53	1/2	729.19	1/2	1015.84	1/2	1302.50	1/2	1589.15	1/2	1875.81	1/2	2162.47	1/2	2449.12	1/2	2735.78	1/2	3022.43	1/2	3309.09	1/2	3595.75	1/2	3882.40	1/2	4094.64
3/4	161.85	3/4	448.50	3/4	735.16	3/4	1021.81	3/4	1308.47	3/4	1595.13	3/4	1881.78	3/4	2168.44	3/4	2455.09	3/4	2741.75	3/4	3028.41	3/4	3315.06	3/4	3601.72	3/4	3888.37	3/4	4094.80
7	167.82	7	454.47	7	741.13	7	1027.79	7	1314.44	7	1601.10	7	1887.75	7	2174.41	7	2461.07	7	2747.72	7	3034.38	7	3321.03	7	3607.69	7	3894.35	7	4094.96
1/4	173.79	1/4	460.45	1/4	747.10	1/4	1033.76	1/4	1320.41	1/4	1607.07	1/4	1893.73	1/4	2180.38	1/4	2467.04	1/4	2753.69	1/4	3040.35	1/4	3327.01	1/4	3613.66	1/4	3900.32	1/4	4095.12
1/2	179.76	1/2	466.42	1/2	753.07	1/2	1039.73	1/2	1326.39	1/2	1613.04	1/2	1899.70	1/2	2186.35	1/2	2473.01	1/2	2759.67	1/2	3046.32	1/2	3332.98	1/2	3619.63	1/2	3906.29	1/2	4095.28
3/4	185.73	3/4	472.39	3/4	759.05	3/4	1045.70	3/4	1332.36	3/4	1619.01	3/4	1905.67	3/4	2192.33	3/4	2478.98	3/4	2765.64	3/4	3052.29	3/4	3338.95	3/4	3625.61	3/4	3912.26	3/4	4095.44
8	191.71	8	478.36	8	765.02	8	1051.67	8	1338.33	8	1624.99	8	1911.64	8	2198.30	8	2484.95	8	2771.61	8	3058.27	8	3344.92	8	3631.58	8	3918.23	8	4095.60
1/4	197.68	1/4	484.33	1/4	770.99	1/4	1057.65	1/4	1344.30	1/4	1630.96	1/4	1917.61	1/4	2204.27	1/4	2490.93	1/4	2777.58	1/4	3064.24	1/4	3350.89	1/4	3637.55	1/4	3924.21	1/4	4095.76
1/2	203.65	1/2	490.31	1/2	776.96	1/2	1063.62	1/2	1350.27	1/2	1636.93	1/2	1923.59	1/2	2210.24	1/2	2496.90	1/2	2783.55	1/2	3070.21	1/2	3356.87	1/2	3643.52	1/2	3930.18	1/2	4095.92
3/4	209.62	3/4	496.28	3/4	782.93	3/4	1069.59	3/4	1356.25	3/4	1642.90	3/4	1929.56	3/4	2216.21	3/4	2502.87	3/4	2789.53	3/4	3076.18	3/4	3362.84	3/4	3649.49	3/4	3936.15	3/4	4096.08
9	215.59	9	502.25	9	788.91	9	1075.56	9	1362.22	9	1648.87	9	1935.53	9	2222.19	9	2508.84	9	2795.50	9	3082.15	9	3368.81	9	3655.47	9	3942.12	9	4096.24
1/4	221.57	1/4	508.22	1/4	794.88	1/4	1081.53	1/4	1368.19	1/4	1654.85	1/4	1941.50	1/4	2228.16	1/4	2514.81	1/4	2801.47	1/4	3088.13	1/4	3374.78	1/4	3661.44	1/4	3948.09	1/4	4096.40
1/2	227.54	1/2	514.19	1/2	800.85	1/2	1087.51	1/2	1374.16	1/2	1660.82	1/2	1947.47	1/2	2234.13	1/2	2520.79	1/2	2807.44	1/2	3094.10	1/2	3380.75	1/2	3667.41	1/2	3954.07	1/2	4096.56
3/4	233.51	3/4	520.17	3/4	806.82	3/4	1093.48	3/4	1380.13	3/4	1666.79	3/4	1953.45	3/4	2240.10	3/4	2526.76	3/4	2813.41	3/4	3100.07	3/4							

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

2 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	16.15	0	287.26	0	573.91	0	860.57	0	1147.23	0	1433.88	0	1720.54	0	2007.19	0	2293.85	0	2580.51	0	2867.16	0	3153.82	0	3440.47	0	3727.13	0	4013.79
1/4	19.13	1/4	293.23	1/4	579.89	1/4	866.54	1/4	1153.20	1/4	1439.85	1/4	1726.51	1/4	2013.17	1/4	2299.82	1/4	2586.48	1/4	2873.13	1/4	3159.79	1/4	3446.45	1/4	3733.10	1/4	4019.76
1/2	22.11	1/2	299.20	1/2	585.86	1/2	872.51	1/2	1159.17	1/2	1445.83	1/2	1732.48	1/2	2019.14	1/2	2305.79	1/2	2592.45	1/2	2879.11	1/2	3165.76	1/2	3452.42	1/2	3739.07	1/2	4025.73
3/4	26.29	3/4	305.17	3/4	591.83	3/4	878.49	3/4	1165.14	3/4	1451.80	3/4	1738.45	3/4	2025.11	3/4	2311.77	3/4	2598.42	3/4	2885.08	3/4	3171.73	3/4	3458.39	3/4	3745.05	3/4	4031.70
1	30.47	1	311.15	1	597.80	1	884.46	1	1171.11	1	1457.77	1	1744.43	1	2031.08	1	2317.74	1	2604.39	1	2891.05	1	3177.71	1	3464.36	1	3751.02	1	4037.11
1/4	34.65	1/4	317.12	1/4	603.77	1/4	890.43	1/4	1177.09	1/4	1463.74	1/4	1750.40	1/4	2037.05	1/4	2323.71	1/4	2610.37	1/4	2897.02	1/4	3183.68	1/4	3470.33	1/4	3756.99	1/4	4042.51
1/2	38.83	1/2	323.09	1/2	609.75	1/2	896.40	1/2	1183.06	1/2	1469.71	1/2	1756.37	1/2	2043.03	1/2	2329.68	1/2	2616.34	1/2	2902.99	1/2	3189.65	1/2	3476.31	1/2	3762.96	1/2	4047.91
3/4	44.20	3/4	329.06	3/4	615.72	3/4	902.37	3/4	1189.03	3/4	1475.69	3/4	1762.34	3/4	2049.00	3/4	2335.65	3/4	2622.31	3/4	2908.97	3/4	3195.62	3/4	3482.28	3/4	3768.93	3/4	4053.31
2	49.57	2	335.03	2	621.69	2	908.35	2	1195.00	2	1481.66	2	1768.31	2	2054.97	2	2341.63	2	2628.28	2	2914.94	2	3201.59	2	3488.25	2	3774.91	2	4057.58
1/4	54.95	1/4	341.01	1/4	627.66	1/4	914.32	1/4	1200.97	1/4	1481.66	1/4	1774.29	1/4	2060.94	1/4	2347.60	1/4	2634.25	1/4	2920.91	1/4	3207.57	1/4	3494.22	1/4	3780.88	1/4	4061.84
1/2	60.32	1/2	346.98	1/2	633.63	1/2	920.29	1/2	1206.95	1/2	1493.60	1/2	1780.26	1/2	2066.91	1/2	2353.57	1/2	2640.23	1/2	2926.88	1/2	3213.54	1/2	3500.19	1/2	3786.85	1/2	4066.10
3/4	66.29	3/4	352.95	3/4	639.61	3/4	926.26	3/4	1212.92	3/4	1499.57	3/4	1786.23	3/4	2072.89	3/4	2359.54	3/4	2646.20	3/4	2932.85	3/4	3219.51	3/4	3506.17	3/4	3792.82	3/4	4070.37
3	72.27	3	358.92	3	645.58	3	932.23	3	1218.89	3	1505.55	3	1792.20	3	2079.86	3	2365.51	3	2652.17	3	2938.83	3	3225.48	3	3512.14	3	3798.79	3	4073.49
1/4	78.24	1/4	364.89	1/4	651.55	1/4	938.21	1/4	1224.86	1/4	1511.52	1/4	1798.17	1/4	2084.83	1/4	2371.49	1/4	2658.14	1/4	2944.80	1/4	3231.45	1/4	3518.11	1/4	3804.77	1/4	4076.61
1/2	84.21	1/2	370.87	1/2	657.52	1/2	944.18	1/2	1230.83	1/2	1517.49	1/2	1804.15	1/2	2090.80	1/2	2377.46	1/2	2664.11	1/2	2950.77	1/2	3237.43	1/2	3524.08	1/2	3810.74	1/2	4079.74
3/4	90.18	3/4	376.84	3/4	663.49	3/4	950.15	3/4	1236.81	3/4	1523.46	3/4	1810.12	3/4	2096.77	3/4	2383.43	3/4	2670.09	3/4	2956.74	3/4	3243.40	3/4	3530.05	3/4	3816.71	3/4	4082.86
4	96.15	4	382.81	4	669.47	4	956.12	4	1242.78	4	1529.43	4	1816.09	4	2102.75	4	2389.40	4	2676.06	4	2962.71	4	3249.37	4	3536.03	4	3822.68	4	4084.85
1/4	102.13	1/4	388.78	1/4	675.44	1/4	962.09	1/4	1248.75	1/4	1535.41	1/4	1822.06	1/4	2108.72	1/4	2395.37	1/4	2682.03	1/4	2968.69	1/4	3255.34	1/4	3542.00	1/4	3828.65	1/4	4086.83
1/2	108.10	1/2	394.75	1/2	681.41	1/2	968.07	1/2	1254.72	1/2	1541.38	1/2	1828.03	1/2	2114.69	1/2	2401.35	1/2	2688.00	1/2	2974.66	1/2	3261.31	1/2	3547.97	1/2	3834.63	1/2	4088.82
3/4	114.07	3/4	400.73	3/4	687.38	3/4	974.04	3/4	1260.69	3/4	1547.35	3/4	1834.01	3/4	2120.66	3/4	2407.32	3/4	2693.97	3/4	2980.63	3/4	3267.29	3/4	3553.94	3/4	3840.60	3/4	4090.81
5	120.04	5	406.70	5	693.35	5	980.01	5	1266.67	5	1553.32	5	1839.98	5	2126.63	5	2413.29	5	2699.95	5	2986.60	5	3273.26	5	3559.91	5	3846.57	5	4091.65
1/4	126.01	1/4	412.67	1/4	699.33	1/4	985.98	1/4	1272.64	1/4	1559.29	1/4	1845.95	1/4	2132.61	1/4	2419.26	1/4	2705.92	1/4	2992.57	1/4	3279.23	1/4	3565.89	1/4	3852.52	1/4	4092.50
1/2	131.99	1/2	418.64	1/2	705.30	1/2	991.95	1/2	1278.61	1/2	1565.27	1/2	1851.92	1/2	2138.58	1/2	2425.23	1/2	2711.89	1/2	2998.55	1/2	3285.20	1/2	3571.86	1/2	3858.51	1/2	4093.34
3/4	137.96	3/4	424.61	3/4	711.27	3/4	997.93	3/4	1284.58	3/4	1571.24	3/4	1857.89	3/4	2144.55	3/4	2431.21	3/4	2717.86	3/4	3004.52	3/4	3291.17	3/4	3577.83	3/4	3864.49	3/4	4094.19
6	143.93	6	430.59	6	717.24	6	1003.90	6	1290.55	6	1577.21	6	1863.87	6	2150.52	6	2437.18	6	2723.83	6	3010.49	6	3297.15	6	3583.80	6	3870.46	6	4094.32
1/4	149.90	1/4	436.56	1/4	723.21	1/4	1009.87	1/4	1296.53	1/4	1583.18	1/4	1869.84	1/4	2156.49	1/4	2443.15	1/4	2729.81	1/4	3016.46	1/4	3303.12	1/4	3589.77	1/4	3876.43	1/4	4094.48
1/2	155.87	1/2	442.53	1/2	729.19	1/2	1015.84	1/2	1302.50	1/2	1589.15	1/2	1875.81	1/2	2162.47	1/2	2449.12	1/2	2735.78	1/2	3022.43	1/2	3309.09	1/2	3595.75	1/2	3882.40	1/2	4094.64
3/4	161.85	3/4	448.50	3/4	735.16	3/4	1021.81	3/4	1308.47	3/4	1595.13	3/4	1881.78	3/4	2168.44	3/4	2455.09	3/4	2741.75	3/4	3029.41	3/4	3315.06	3/4	3601.72	3/4	3888.37	3/4	4094.80
7	167.82	7	454.47	7	741.13	7	1027.79	7	1314.44	7	1601.10	7	1887.75	7	2174.41	7	2461.07	7	2747.72	7	3034.38	7	3321.03	7	3607.69	7	3894.35	7	4094.96
1/4	173.79	1/4	460.45	1/4	747.10	1/4	1033.76	1/4	1320.41	1/4	1607.07	1/4	1893.73	1/4	2180.38	1/4	2467.04	1/4	2753.69	1/4	3040.35	1/4	3327.01	1/4	3613.66	1/4	3900.32	1/4	4095.12
1/2	179.76	1/2	466.42	1/2	753.07	1/2	1039.73	1/2	1326.39	1/2	1613.04	1/2	1899.70	1/2	2186.35	1/2	2473.01	1/2	2759.67	1/2	3046.32	1/2	3332.98	1/2	3619.63	1/2	3906.29	1/2	4095.28
3/4	185.73	3/4	472.39	3/4	759.05	3/4	1045.70	3/4	1332.36	3/4	1619.01	3/4	1905.67	3/4	2192.33	3/4	2479.98	3/4	2765.64	3/4	3052.29	3/4	3338.95	3/4	3625.61	3/4	3912.26	3/4	4095.44
8	191.71	8	478.36	8	765.02	8	1051.67	8	1338.33	8	1624.99	8	1911.64	8	2198.30	8	2484.95	8	2771.61	8	3058.27	8	3344.92	8	3631.58	8	3918.23	8	4095.60
1/4	197.68	1/4	484.33	1/4	770.99	1/4	1057.65	1/4	1344.30	1/4	1630.96	1/4	1917.61	1/4	2204.27	1/4	2490.93	1/4	2777.58	1/4	3064.24	1/4	3350.89	1/4	3637.55	1/4	3924.21	1/4	4095.76
1/2	203.65	1/2	490.31	1/2	776.96	1/2	1063.62	1/2	1350.27	1/2	1636.93	1/2	1923.59	1/2	2210.24	1/2	2496.90	1/2	2783.55	1/2	3070.21	1/2	3356.87	1/2	3643.52	1/2	3930.18	1/2	4095.92
3/4	209.62	3/4	496.28	3/4	782.93	3/4	1069.59	3/4	1356.25	3/4	1642.90	3/4	1929.56	3/4	2216.21	3/4	2502.87	3/4	2789.53	3/4	3076.18	3/4	3362.84	3/4	3649.49	3/4	3936.15	3/4	4096.08
9	215.59	9	502.25	9	788.91	9	1075.56	9	1362.22	9	1648.87	9	1935.53	9	2222.19	9	2508.84	9	2795.50	9	3082.15	9	3368.81	9	3655.47	9	3942.12	9	4096.24
1/4	221.57	1/4	508.22	1/4	794.88	1/4	1081.53	1/4	1368.19	1/4	1654.85	1/4	1941.50	1/4	2228.16	1/4	2514.81	1/4	2801.47	1/4	3088.13	1/4	3374.78	1/4	3661.44	1/4	3948.09	1/4	4096.40
1/2	227.54	1/2	514.19	1/2	800.85	1/2	1087.51	1/2	1374.16	1/2	1660.82	1/2	1947.47	1/2	2234.13	1/2	2520.79	1/2	2807.44	1/2	3094.10	1/2	3380.75	1/2	3667.41	1/2	3954.07	1/2	4096.56
3/4	233.51	3/4	520.17	3/4	806.82	3/4	1093.48	3/4	1380.13	3/4	1666.79	3/4	1953.45	3/4	2240.10	3/4	2526.76	3/4	2813.41	3/4	3100.07	3/4							

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

3 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	19.10	0	292.88	0	579.20	0	865.52	0	1151.84	0	1438.16	0	1724.48	0	2010.80	0	2297.12	0	2583.44	0	2869.76	0	3156.08	0	3442.40	0	3728.72	0	4015.04
1/4	22.08	1/4	298.84	1/4	585.16	1/4	871.48	1/4	1157.80	1/4	1444.12	1/4	1730.44	1/4	2016.76	1/4	2303.08	1/4	2589.40	1/4	2875.72	1/4	3162.04	1/4	3448.36	1/4	3734.68	1/4	4021.00
1/2	26.25	1/2	304.81	1/2	591.13	1/2	877.45	1/2	1163.77	1/2	1450.09	1/2	1736.41	1/2	2022.73	1/2	2309.05	1/2	2595.37	1/2	2881.69	1/2	3168.01	1/2	3454.33	1/2	3740.65	1/2	4026.97
3/4	30.42	3/4	310.77	3/4	597.09	3/4	883.41	3/4	1169.73	3/4	1456.05	3/4	1742.37	3/4	2028.69	3/4	2315.01	3/4	2601.33	3/4	2887.65	3/4	3173.97	3/4	3460.29	3/4	3746.61	3/4	4032.36
1	34.60	1	316.74	1	603.06	1	889.38	1	1175.70	1	1462.02	1	1748.34	1	2034.66	1	2320.98	1	2607.30	1	2893.62	1	3179.94	1	3466.26	1	3752.58	1	4037.76
1/4	38.77	1/4	322.70	1/4	609.02	1/4	895.34	1/4	1181.66	1/4	1467.98	1/4	1754.30	1/4	2040.62	1/4	2326.94	1/4	2613.26	1/4	2899.58	1/4	3185.90	1/4	3472.22	1/4	3758.54	1/4	4043.16
1/2	44.14	1/2	328.67	1/2	614.99	1/2	901.31	1/2	1187.63	1/2	1473.95	1/2	1760.27	1/2	2046.59	1/2	2332.91	1/2	2619.23	1/2	2905.55	1/2	3191.87	1/2	3478.19	1/2	3764.51	1/2	4048.55
3/4	49.51	3/4	334.63	3/4	620.95	3/4	907.27	3/4	1193.59	3/4	1479.91	3/4	1766.23	3/4	2052.55	3/4	2338.87	3/4	2625.19	3/4	2911.51	3/4	3197.83	3/4	3484.15	3/4	3770.47	3/4	4052.81
2	54.87	2	340.60	2	626.92	2	913.24	2	1199.56	2	1485.88	2	1772.20	2	2058.52	2	2344.84	2	2631.16	2	2917.48	2	3203.80	2	3490.12	2	3776.44	2	4057.07
1/4	60.24	1/4	346.56	1/4	632.88	1/4	919.20	1/4	1205.52	1/4	1491.84	1/4	1778.16	1/4	2064.48	1/4	2350.80	1/4	2637.12	1/4	2923.44	1/4	3209.76	1/4	3496.08	1/4	3782.40	1/4	4061.33
1/2	66.21	1/2	352.53	1/2	638.85	1/2	925.17	1/2	1211.49	1/2	1497.81	1/2	1784.13	1/2	2070.45	1/2	2356.77	1/2	2643.09	1/2	2929.41	1/2	3215.73	1/2	3502.05	1/2	3788.37	1/2	4065.59
3/4	72.17	3/4	358.49	3/4	644.81	3/4	931.13	3/4	1217.45	3/4	1503.77	3/4	1790.09	3/4	2076.41	3/4	2362.73	3/4	2649.05	3/4	2935.37	3/4	3221.69	3/4	3508.01	3/4	3794.33	3/4	4068.71
3	78.14	3	364.46	3	650.78	3	937.10	3	1223.42	3	1509.74	3	1796.06	3	2082.38	3	2368.70	3	2655.02	3	2941.34	3	3227.66	3	3513.98	3	3800.30	3	4071.83
1/4	84.10	1/4	370.42	1/4	656.74	1/4	943.06	1/4	1229.38	1/4	1515.70	1/4	1802.02	1/4	2088.34	1/4	2374.66	1/4	2660.98	1/4	2947.30	1/4	3233.62	1/4	3519.94	1/4	3806.26	1/4	4074.95
1/2	90.07	1/2	376.39	1/2	662.71	1/2	949.03	1/2	1235.35	1/2	1521.67	1/2	1807.99	1/2	2094.31	1/2	2380.63	1/2	2666.95	1/2	2953.27	1/2	3239.59	1/2	3525.91	1/2	3812.23	1/2	4078.07
3/4	96.03	3/4	382.35	3/4	668.67	3/4	954.99	3/4	1241.31	3/4	1527.63	3/4	1813.95	3/4	2100.27	3/4	2386.59	3/4	2672.91	3/4	2959.23	3/4	3245.55	3/4	3531.87	3/4	3818.19	3/4	4080.05
4	102.00	4	388.32	4	674.64	4	960.96	4	1247.28	4	1533.60	4	1819.92	4	2106.24	4	2392.56	4	2678.88	4	2965.20	4	3251.52	4	3537.84	4	3824.16	4	4082.04
1/4	107.96	1/4	394.28	1/4	680.60	1/4	966.92	1/4	1253.24	1/4	1539.56	1/4	1825.88	1/4	2112.20	1/4	2398.52	1/4	2684.84	1/4	2971.16	1/4	3257.48	1/4	3543.80	1/4	3830.12	1/4	4084.02
1/2	113.93	1/2	400.25	1/2	686.57	1/2	972.89	1/2	1259.21	1/2	1545.53	1/2	1831.85	1/2	2118.17	1/2	2404.49	1/2	2690.81	1/2	2977.13	1/2	3263.45	1/2	3549.77	1/2	3836.09	1/2	4086.00
3/4	119.89	3/4	406.21	3/4	692.53	3/4	978.85	3/4	1265.17	3/4	1551.49	3/4	1837.81	3/4	2124.13	3/4	2410.45	3/4	2696.77	3/4	2983.09	3/4	3269.41	3/4	3555.73	3/4	3842.05	3/4	4086.85
5	125.86	5	412.18	5	698.50	5	984.82	5	1271.14	5	1557.46	5	1843.78	5	2130.10	5	2416.42	5	2702.74	5	2989.06	5	3275.38	5	3561.70	5	3848.02	5	4089.69
1/4	131.82	1/4	418.14	1/4	704.46	1/4	990.78	1/4	1277.10	1/4	1563.42	1/4	1849.74	1/4	2136.06	1/4	2422.38	1/4	2708.70	1/4	2995.02	1/4	3281.34	1/4	3567.66	1/4	3853.98	1/4	4088.54
1/2	137.79	1/2	424.11	1/2	710.43	1/2	996.75	1/2	1283.07	1/2	1569.39	1/2	1855.71	1/2	2142.03	1/2	2428.35	1/2	2714.67	1/2	3000.99	1/2	3287.31	1/2	3573.63	1/2	3859.95	1/2	4089.38
3/4	143.75	3/4	430.07	3/4	716.39	3/4	1002.71	3/4	1289.03	3/4	1575.35	3/4	1861.67	3/4	2147.99	3/4	2434.31	3/4	2720.63	3/4	3006.95	3/4	3293.27	3/4	3579.59	3/4	3865.91	3/4	4089.52
6	149.72	6	436.04	6	722.36	6	1008.68	6	1295.00	6	1581.32	6	1867.64	6	2153.96	6	2440.28	6	2726.60	6	3012.92	6	3299.24	6	3585.56	6	3871.88	6	
1/4	155.68	1/4	442.00	1/4	728.32	1/4	1014.64	1/4	1300.96	1/4	1587.28	1/4	1873.60	1/4	2159.92	1/4	2446.24	1/4	2732.56	1/4	3018.88	1/4	3305.20	1/4	3591.52	1/4	3877.84	1/4	
1/2	161.65	1/2	447.97	1/2	734.29	1/2	1020.61	1/2	1306.93	1/2	1593.25	1/2	1879.57	1/2	2165.89	1/2	2452.21	1/2	2738.53	1/2	3024.85	1/2	3311.17	1/2	3597.49	1/2	3883.81	1/2	
3/4	167.61	3/4	453.93	3/4	740.25	3/4	1026.57	3/4	1312.89	3/4	1599.21	3/4	1885.53	3/4	2171.85	3/4	2458.17	3/4	2744.49	3/4	3030.81	3/4	3317.13	3/4	3603.45	3/4	3889.77	3/4	
7	173.58	7	459.90	7	746.22	7	1032.54	7	1318.86	7	1605.18	7	1891.50	7	2177.82	7	2464.14	7	2750.46	7	3036.78	7	3323.10	7	3609.42	7	3895.74	7	
1/4	179.54	1/4	465.86	1/4	752.18	1/4	1038.50	1/4	1324.82	1/4	1611.14	1/4	1897.46	1/4	2183.78	1/4	2470.10	1/4	2756.42	1/4	3042.74	1/4	3329.06	1/4	3615.38	1/4	3901.70	1/4	
1/2	185.51	1/2	471.83	1/2	758.15	1/2	1044.47	1/2	1330.79	1/2	1617.11	1/2	1903.43	1/2	2189.75	1/2	2476.07	1/2	2762.39	1/2	3048.71	1/2	3335.03	1/2	3621.35	1/2	3907.67	1/2	
3/4	191.47	3/4	477.79	3/4	764.11	3/4	1050.43	3/4	1336.75	3/4	1623.07	3/4	1909.39	3/4	2195.71	3/4	2482.03	3/4	2768.35	3/4	3054.67	3/4	3340.99	3/4	3627.31	3/4	3913.63	3/4	
8	197.44	8	483.76	8	770.08	8	1056.40	8	1342.72	8	1629.04	8	1915.36	8	2201.68	8	2488.00	8	2774.32	8	3060.64	8	3346.96	8	3633.28	8	3919.60	8	
1/4	203.40	1/4	489.72	1/4	776.04	1/4	1062.36	1/4	1348.68	1/4	1635.00	1/4	1921.32	1/4	2207.64	1/4	2493.96	1/4	2780.28	1/4	3066.60	1/4	3352.92	1/4	3639.24	1/4	3925.56	1/4	
1/2	209.37	1/2	495.69	1/2	782.01	1/2	1068.33	1/2	1354.65	1/2	1640.97	1/2	1927.29	1/2	2213.61	1/2	2499.93	1/2	2786.25	1/2	3072.57	1/2	3358.89	1/2	3645.21	1/2	3931.53	1/2	
3/4	215.33	3/4	501.65	3/4	787.97	3/4	1074.29	3/4	1360.61	3/4	1646.93	3/4	1933.25	3/4	2219.57	3/4	2505.89	3/4	2792.21	3/4	3078.53	3/4	3364.85	3/4	3651.17	3/4	3937.49	3/4	
9	221.30	9	507.62	9	793.94	9	1080.26	9	1366.58	9	1652.90	9	1939.22	9	2225.54	9	2511.86	9	2798.18	9	3084.50	9	3370.82	9	3657.14	9	3943.46	9	
1/4	227.26	1/4	513.58	1/4	799.90	1/4	1086.22	1/4	1372.54	1/4	1658.86	1/4	1945.18	1/4	2231.50	1/4	2517.82	1/4	2804.14	1/4	3090.46	1/4	3376.78	1/4	3663.10	1/4	3949.42	1/4	
1/2	233.23	1/2	519.55																										

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

3 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	10.17	0	274.98	0	561.30	0	847.62	0	1133.94	0	1420.26	0	1706.58	0	1992.90	0	2279.22	0	2565.54	0	2851.86	0	3138.18	0	3424.50	0	3710.82	0	3997.14
1/4	13.14	1/4	280.95	1/4	567.27	1/4	853.59	1/4	1139.91	1/4	1426.23	1/4	1712.55	1/4	1998.87	1/4	2285.19	1/4	2571.51	1/4	2857.83	1/4	3144.15	1/4	3430.47	1/4	3716.79	1/4	4003.11
1/2	16.12	1/2	286.91	1/2	573.23	1/2	859.55	1/2	1145.87	1/2	1432.19	1/2	1718.51	1/2	2004.83	1/2	2291.15	1/2	2577.47	1/2	2863.79	1/2	3150.11	1/2	3436.43	1/2	3722.75	1/2	4009.07
3/4	19.10	3/4	292.88	3/4	579.20	3/4	865.52	3/4	1151.84	3/4	1438.16	3/4	1724.48	3/4	2010.80	3/4	2297.12	3/4	2583.44	3/4	2869.76	3/4	3156.08	3/4	3442.40	3/4	3728.72	3/4	4015.04
1	22.08	1	298.84	1	585.16	1	871.48	1	1157.80	1	1444.12	1	1730.44	1	2016.76	1	2303.08	1	2589.40	1	2875.72	1	3162.04	1	3448.36	1	3734.68	1	4021.00
1/4	26.25	1/4	304.81	1/4	591.13	1/4	877.45	1/4	1163.77	1/4	1450.09	1/4	1736.41	1/4	2022.73	1/4	2309.05	1/4	2595.37	1/4	2881.69	1/4	3168.01	1/4	3454.33	1/4	3740.65	1/4	4026.97
1/2	30.42	1/2	310.77	1/2	597.09	1/2	883.41	1/2	1169.73	1/2	1456.05	1/2	1742.37	1/2	2028.69	1/2	2315.01	1/2	2601.33	1/2	2887.62	1/2	3173.97	1/2	3460.29	1/2	3746.61	1/2	4032.36
3/4	34.60	3/4	316.74	3/4	603.06	3/4	889.38	3/4	1175.70	3/4	1462.02	3/4	1748.34	3/4	2034.66	3/4	2320.98	3/4	2607.30	3/4	2893.62	3/4	3179.94	3/4	3466.26	3/4	3752.58	3/4	4037.76
2	38.77	2	322.70	2	609.02	2	895.34	2	1181.66	2	1467.98	2	1754.30	2	2040.62	2	2326.94	2	2613.26	2	2899.58	2	3185.90	2	3472.22	2	3758.54	2	4043.16
1/4	44.14	1/4	328.67	1/4	614.99	1/4	901.31	1/4	1187.63	1/4	1473.95	1/4	1760.27	1/4	2046.59	1/4	2332.91	1/4	2619.23	1/4	2905.55	1/4	3191.87	1/4	3478.19	1/4	3764.51	1/4	4048.55
1/2	49.51	1/2	334.63	1/2	620.95	1/2	907.27	1/2	1193.59	1/2	1479.91	1/2	1766.23	1/2	2052.55	1/2	2338.87	1/2	2625.19	1/2	2911.51	1/2	3197.83	1/2	3484.15	1/2	3770.47	1/2	4052.81
3/4	54.87	3/4	340.60	3/4	626.92	3/4	913.24	3/4	1199.56	3/4	1485.88	3/4	1772.20	3/4	2058.52	3/4	2344.84	3/4	2631.16	3/4	2917.48	3/4	3203.80	3/4	3490.12	3/4	3776.44	3/4	4057.07
3	60.24	3	346.56	3	632.88	3	919.20	3	1205.52	3	1491.84	3	1778.16	3	2064.48	3	2350.80	3	2637.12	3	2923.44	3	3209.76	3	3496.08	3	3782.40	3	4061.33
1/4	66.21	1/4	352.53	1/4	638.85	1/4	925.17	1/4	1211.49	1/4	1497.81	1/4	1784.13	1/4	2070.45	1/4	2356.77	1/4	2643.09	1/4	2929.41	1/4	3215.73	1/4	3502.05	1/4	3788.37	1/4	4065.59
1/2	72.17	1/2	358.49	1/2	644.81	1/2	931.13	1/2	1217.45	1/2	1503.77	1/2	1790.09	1/2	2076.41	1/2	2362.73	1/2	2649.05	1/2	2935.37	1/2	3221.69	1/2	3508.01	1/2	3794.33	1/2	4068.71
3/4	78.14	3/4	364.46	3/4	650.78	3/4	937.10	3/4	1223.42	3/4	1509.74	3/4	1796.06	3/4	2082.38	3/4	2368.70	3/4	2655.02	3/4	2941.34	3/4	3227.66	3/4	3513.98	3/4	3800.30	3/4	4071.83
4	84.10	4	370.42	4	656.74	4	943.06	4	1229.38	4	1515.70	4	1802.02	4	2088.34	4	2374.66	4	2660.98	4	2947.30	4	3233.62	4	3519.94	4	3806.26	4	4074.95
1/4	90.07	1/4	376.39	1/4	662.71	1/4	949.03	1/4	1235.35	1/4	1521.67	1/4	1807.99	1/4	2094.31	1/4	2380.63	1/4	2666.95	1/4	2953.27	1/4	3239.59	1/4	3525.91	1/4	3812.23	1/4	4078.07
1/2	96.03	1/2	382.35	1/2	668.67	1/2	954.99	1/2	1241.31	1/2	1527.63	1/2	1813.95	1/2	2100.27	1/2	2386.59	1/2	2672.91	1/2	2959.23	1/2	3245.55	1/2	3531.87	1/2	3818.19	1/2	4080.05
3/4	102.00	3/4	388.32	3/4	674.64	3/4	960.96	3/4	1247.28	3/4	1533.60	3/4	1819.92	3/4	2106.24	3/4	2392.56	3/4	2678.88	3/4	2965.20	3/4	3251.52	3/4	3537.84	3/4	3824.16	3/4	4080.05
5	107.96	5	394.28	5	680.60	5	966.92	5	1253.24	5	1539.56	5	1825.88	5	2112.20	5	2398.52	5	2684.84	5	2971.16	5	3257.48	5	3543.80	5	3830.12	5	4084.02
1/4	113.93	1/4	400.25	1/4	686.57	1/4	972.89	1/4	1259.21	1/4	1545.53	1/4	1831.85	1/4	2118.17	1/4	2404.49	1/4	2690.81	1/4	2977.13	1/4	3263.45	1/4	3549.77	1/4	3836.09	1/4	4086.00
1/2	119.89	1/2	406.21	1/2	692.53	1/2	978.85	1/2	1265.17	1/2	1551.49	1/2	1837.81	1/2	2124.13	1/2	2410.45	1/2	2696.77	1/2	2983.09	1/2	3269.41	1/2	3555.73	1/2	3842.05	1/2	4086.85
3/4	125.86	3/4	412.18	3/4	698.50	3/4	984.82	3/4	1271.14	3/4	1557.46	3/4	1843.78	3/4	2130.10	3/4	2416.42	3/4	2702.74	3/4	2989.06	3/4	3275.38	3/4	3561.70	3/4	3848.02	3/4	4087.69
6	131.82	6	418.14	6	704.46	6	990.78	6	1277.10	6	1563.42	6	1849.74	6	2136.06	6	2422.38	6	2708.70	6	2995.02	6	3281.34	6	3567.66	6	3853.98	6	4088.54
1/4	137.79	1/4	424.11	1/4	710.43	1/4	996.75	1/4	1283.07	1/4	1569.39	1/4	1855.71	1/4	2142.03	1/4	2428.35	1/4	2714.67	1/4	3000.99	1/4	3287.31	1/4	3573.63	1/4	3859.95	1/4	4089.38
1/2	143.75	1/2	430.07	1/2	716.39	1/2	1002.71	1/2	1289.03	1/2	1575.35	1/2	1861.67	1/2	2147.99	1/2	2434.31	1/2	2720.63	1/2	3006.95	1/2	3293.27	1/2	3579.59	1/2	3865.91	1/2	4089.52
3/4	149.72	3/4	436.04	3/4	722.36	3/4	1008.68	3/4	1295.00	3/4	1591.32	3/4	1867.64	3/4	2153.96	3/4	2440.28	3/4	2726.60	3/4	3012.92	3/4	3299.24	3/4	3585.56	3/4	3871.88	3/4	4089.52
7	155.68	7	442.00	7	728.32	7	1014.64	7	1300.96	7	1587.28	7	1873.60	7	2159.92	7	2446.24	7	2732.56	7	3018.88	7	3305.20	7	3591.52	7	3877.84	7	
1/4	161.65	1/4	447.97	1/4	734.29	1/4	1020.61	1/4	1306.93	1/4	1593.25	1/4	1879.57	1/4	2165.89	1/4	2452.21	1/4	2738.53	1/4	3024.85	1/4	3311.17	1/4	3597.49	1/4	3883.81	1/4	
1/2	167.61	1/2	453.93	1/2	740.25	1/2	1026.57	1/2	1312.89	1/2	1599.21	1/2	1885.53	1/2	2171.85	1/2	2458.17	1/2	2744.49	1/2	3030.81	1/2	3317.13	1/2	3603.45	1/2	3889.77	1/2	
3/4	173.58	3/4	459.90	3/4	746.22	3/4	1032.54	3/4	1318.86	3/4	1605.18	3/4	1891.50	3/4	2177.82	3/4	2464.14	3/4	2750.46	3/4	3036.78	3/4	3323.10	3/4	3609.42	3/4	3895.74	3/4	
8	179.54	8	465.86	8	752.18	8	1038.50	8	1324.82	8	1611.14	8	1897.46	8	2183.78	8	2470.10	8	2756.42	8	3042.74	8	3329.06	8	3615.38	8	3901.70	8	
1/4	185.51	1/4	471.83	1/4	758.15	1/4	1044.47	1/4	1330.79	1/4	1617.11	1/4	1903.43	1/4	2189.75	1/4	2476.07	1/4	2762.39	1/4	3048.71	1/4	3335.03	1/4	3621.35	1/4	3907.67	1/4	
1/2	191.47	1/2	477.79	1/2	764.11	1/2	1050.43	1/2	1336.75	1/2	1623.07	1/2	1909.39	1/2	2195.71	1/2	2482.03	1/2	2768.35	1/2	3054.67	1/2	3340.99	1/2	3627.31	1/2	3913.63	1/2	
3/4	197.44	3/4	483.76	3/4	770.08	3/4	1056.40	3/4	1342.72	3/4	1629.04	3/4	1915.36	3/4	2201.68	3/4	2488.00	3/4	2774.32	3/4	3060.64	3/4	3346.96	3/4	3633.28	3/4	3919.60	3/4	
9	203.40	9	489.72	9	776.04	9	1062.36	9	1348.68	9	1635.00	9	1921.32	9	2207.64	9	2493.96	9	2780.28	9	3066.60	9	3352.92	9	3639.24	9	3925.56	9	
1/4	209.37	1/4	495.69	1/4	782.01	1/4	1068.33	1/4	1354.65	1/4	1640.97	1/4	1927.29	1/4	2213.61	1/4	2499.93	1/4	2786.25	1/4	3072.57	1/4	3358.89	1/4	3645.21	1/4	3931.53	1/4	
1/2	215.33	1/2	501.65	1/2	787.97	1/2	1074.29	1/2	1360.61	1/2	1646.93	1/2	1933.25	1/2	2219.57	1/2	2505.89	1/2	2792.21	1/2	3078.53	1/2	3364.85	1/2	3651.17	1/2	3937.49	1/2	
3/4	221.30	3/4	507.62	3/4	793.94	3/4	1080.26	3/4	1366.58	3/4	1652.90	3/4	1939.22	3/4	2225.54	3/4	2511.86	3/4	2798.18	3/4	3084.50	3/4	3370.82	3/4	3657.14	3/4	3943.46	3/4	
10	227.26																												

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

4 PORT

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	9.16	0	247.03	0	504.27	0	761.50	0	1018.73	0	1275.31	0	1532.26	0	1789.49	0	2046.72	0	2303.95	0	2560.14	0	2717.50	0	2862.22	0	3006.94	0	3151.66
1/4	11.83	1/4	252.39	1/4	509.62	1/4	766.86	1/4	1024.09	1/4	1280.66	1/4	1537.62	1/4	1794.85	1/4	2052.08	1/4	2309.31	1/4	2564.71	1/4	2720.51	1/4	2865.23	1/4	3009.95	1/4	3154.67
1/2	14.50	1/2	257.75	1/2	514.98	1/2	772.22	1/2	1029.45	1/2	1286.00	1/2	1542.98	1/2	1800.21	1/2	2057.44	1/2	2314.67	1/2	2569.28	1/2	2723.53	1/2	2868.25	1/2	3012.97	1/2	3157.69
3/4	17.17	3/4	263.11	3/4	520.34	3/4	777.58	3/4	1034.81	3/4	1291.34	3/4	1548.33	3/4	1805.57	3/4	2062.80	3/4	2320.03	3/4	2573.86	3/4	2726.54	3/4	2871.26	3/4	3015.98	3/4	3160.70
1	19.84	1	268.47	1	525.70	1	782.93	1	1040.17	1	1296.68	1	1553.69	1	1810.93	1	2068.16	1	2325.39	1	2578.43	1	2729.56	1	2874.28	1	3019.00	1	3163.72
1/4	23.59	1/4	273.83	1/4	531.06	1/4	788.29	1/4	1045.53	1/4	1302.02	1/4	1559.05	1/4	1816.28	1/4	2073.52	1/4	2330.75	1/4	2582.48	1/4	2732.57	1/4	2877.29	1/4	3022.01	1/4	3166.73
1/2	27.33	1/2	279.19	1/2	536.42	1/2	793.65	1/2	1050.88	1/2	1307.36	1/2	1564.41	1/2	1821.64	1/2	2078.88	1/2	2336.11	1/2	2586.53	1/2	2735.59	1/2	2880.31	1/2	3025.03	1/2	3169.46
3/4	31.08	3/4	284.55	3/4	541.78	3/4	799.01	3/4	1056.24	3/4	1312.70	3/4	1569.77	3/4	1827.00	3/4	2084.23	3/4	2341.47	3/4	2590.58	3/4	2738.60	3/4	2883.32	3/4	3028.04	3/4	3172.19
2	34.83	2	289.91	2	547.14	2	804.37	2	1061.60	2	1318.04	2	1575.13	2	1832.36	2	2089.59	2	2346.83	2	2594.63	2	2741.62	2	2886.34	2	3031.06	2	3174.92
1/4	39.65	1/4	295.27	1/4	552.50	1/4	809.73	1/4	1066.96	1/4	1323.38	1/4	1580.49	1/4	1837.72	1/4	2094.95	1/4	2352.18	1/4	2598.15	1/4	2744.63	1/4	2889.35	1/4	3034.07	1/4	3177.64
1/2	44.47	1/2	295.27	1/2	557.86	1/2	815.09	1/2	1072.32	1/2	1328.72	1/2	1585.85	1/2	1843.08	1/2	2100.31	1/2	2357.54	1/2	2601.68	1/2	2747.65	1/2	2892.37	1/2	3037.09	1/2	3179.79
3/4	49.29	3/4	300.62	3/4	563.22	3/4	820.45	3/4	1077.68	3/4	1334.07	3/4	1591.21	3/4	1848.44	3/4	2105.67	3/4	2362.90	3/4	2605.20	3/4	2750.66	3/4	2895.38	3/4	3040.10	3/4	3181.95
3	54.11	3	311.34	3	568.57	3	825.81	3	1083.04	3	1339.41	3	1596.57	3	1853.80	3	2111.03	3	2368.26	3	2608.73	3	2753.68	3	2898.40	3	3043.12	3	3184.10
1/4	59.47	1/4	316.70	1/4	573.93	1/4	831.17	1/4	1088.38	1/4	1344.75	1/4	1601.92	1/4	1859.16	1/4	2116.39	1/4	2373.62	1/4	2611.86	1/4	2756.69	1/4	2901.41	1/4	3046.13	1/4	3186.25
1/2	64.83	1/2	322.06	1/2	579.29	1/2	836.52	1/2	1093.72	1/2	1350.09	1/2	1607.28	1/2	1864.52	1/2	2121.75	1/2	2378.98	1/2	2614.99	1/2	2759.71	1/2	2904.43	1/2	3049.15	1/2	3187.83
3/4	70.19	3/4	327.42	3/4	584.65	3/4	841.88	3/4	1099.06	3/4	1355.43	3/4	1612.64	3/4	1869.87	3/4	2127.11	3/4	2384.34	3/4	2618.00	3/4	2762.72	3/4	2907.44	3/4	3052.16	3/4	3189.41
4	75.55	4	332.78	4	590.01	4	847.24	4	1104.40	4	1360.77	4	1618.00	4	1875.23	4	2132.47	4	2389.70	4	2621.02	4	2765.74	4	2910.46	4	3055.18	4	3190.98
1/4	80.91	1/4	338.14	1/4	595.37	1/4	852.60	1/4	1109.74	1/4	1366.13	1/4	1623.36	1/4	1880.59	1/4	2137.82	1/4	2395.06	1/4	2624.03	1/4	2768.75	1/4	2913.47	1/4	3058.19	1/4	3192.56
1/2	86.26	1/2	343.50	1/2	600.73	1/2	857.96	1/2	1115.08	1/2	1371.49	1/2	1628.72	1/2	1885.95	1/2	2143.18	1/2	2400.42	1/2	2627.05	1/2	2771.77	1/2	2916.49	1/2	3061.21	1/2	3193.56
3/4	91.62	3/4	348.86	3/4	606.09	3/4	863.32	3/4	1120.43	3/4	1376.85	3/4	1634.08	3/4	1891.31	3/4	2148.54	3/4	2405.77	3/4	2630.06	3/4	2774.78	3/4	2919.50	3/4	3064.22	3/4	3194.57
5	96.98	5	354.21	5	611.45	5	868.68	5	1125.77	5	1382.21	5	1639.44	5	1896.67	5	2153.90	5	2411.13	5	2633.08	5	2777.80	5	2922.52	5	3067.24	5	3195.57
1/4	102.34	1/4	359.57	1/4	616.81	1/4	874.04	1/4	1131.11	1/4	1387.57	1/4	1644.80	1/4	1902.03	1/4	2159.26	1/4	2416.49	1/4	2636.09	1/4	2780.81	1/4	2925.53	1/4	3070.25	1/4	3196.57
1/2	107.70	1/2	364.93	1/2	622.16	1/2	879.40	1/2	1136.45	1/2	1392.92	1/2	1650.16	1/2	1907.39	1/2	2164.62	1/2	2421.85	1/2	2639.11	1/2	2783.83	1/2	2928.55	1/2	3073.27	1/2	3197.00
3/4	113.06	3/4	370.29	3/4	627.52	3/4	884.76	3/4	1141.79	3/4	1398.28	3/4	1655.51	3/4	1912.75	3/4	2169.98	3/4	2427.21	3/4	2642.12	3/4	2786.84	3/4	2931.56	3/4	3076.28	3/4	3197.43
6	118.42	6	375.65	6	632.88	6	890.11	6	1147.13	6	1403.64	6	1660.87	6	1918.11	6	2175.34	6	2432.57	6	2645.14	6	2789.86	6	2934.58	6	3079.30	6	3197.85
1/4	123.78	1/4	381.01	1/4	638.24	1/4	895.47	1/4	1152.47	1/4	1409.00	1/4	1666.23	1/4	1923.46	1/4	2180.70	1/4	2437.93	1/4	2648.15	1/4	2792.87	1/4	2937.59	1/4	3082.31	1/4	3198.28
1/2	129.14	1/2	386.37	1/2	643.60	1/2	900.83	1/2	1157.81	1/2	1414.36	1/2	1671.59	1/2	1928.82	1/2	2186.06	1/2	2443.29	1/2	2651.17	1/2	2795.89	1/2	2940.61	1/2	3085.33	1/2	3198.35
3/4	134.50	3/4	391.73	3/4	648.96	3/4	906.19	3/4	1163.15	3/4	1419.72	3/4	1676.95	3/4	1934.18	3/4	2191.41	3/4	2448.65	3/4	2654.18	3/4	2798.90	3/4	2943.62	3/4	3088.34	3/4	
7	139.85	7	397.09	7	654.32	7	911.55	7	1168.49	7	1425.08	7	1682.31	7	1939.54	7	2196.77	7	2454.01	7	2657.20	7	2801.92	7	2946.64	7	3091.36	7	
1/4	145.21	1/4	402.45	1/4	659.68	1/4	916.91	1/4	1173.84	1/4	1430.44	1/4	1687.67	1/4	1944.90	1/4	2202.13	1/4	2459.36	1/4	2660.21	1/4	2804.93	1/4	2949.65	1/4	3094.37	1/4	
1/2	150.57	1/2	407.80	1/2	665.04	1/2	922.27	1/2	1179.18	1/2	1435.80	1/2	1693.03	1/2	1950.26	1/2	2207.49	1/2	2464.72	1/2	2663.23	1/2	2807.95	1/2	2952.67	1/2	3097.39	1/2	
3/4	155.93	3/4	413.16	3/4	670.40	3/4	927.63	3/4	1184.52	3/4	1441.16	3/4	1698.39	3/4	1955.62	3/4	2212.85	3/4	2470.08	3/4	2666.24	3/4	2810.96	3/4	2955.68	3/4	3100.40	3/4	
8	161.29	8	418.52	8	675.75	8	932.99	8	1189.86	8	1446.51	8	1703.75	8	1960.98	8	2218.21	8	2475.44	8	2669.26	8	2813.98	8	2958.70	8	3103.42	8	
1/4	166.65	1/4	423.88	1/4	681.11	1/4	938.35	1/4	1195.20	1/4	1451.87	1/4	1709.10	1/4	1966.34	1/4	2223.57	1/4	2480.80	1/4	2672.27	1/4	2816.99	1/4	2961.71	1/4	3106.43	1/4	
1/2	172.01	1/2	429.24	1/2	686.47	1/2	943.70	1/2	1200.54	1/2	1457.23	1/2	1714.46	1/2	1971.70	1/2	2228.93	1/2	2486.16	1/2	2675.29	1/2	2820.01	1/2	2964.73	1/2	3109.45	1/2	
3/4	177.37	3/4	434.60	3/4	691.83	3/4	949.06	3/4	1205.88	3/4	1462.59	3/4	1719.82	3/4	1977.05	3/4	2234.29	3/4	2491.52	3/4	2678.30	3/4	2823.02	3/4	2967.74	3/4	3112.46	3/4	
9	182.73	9	439.96	9	697.19	9	954.42	9	1211.22	9	1467.95	9	1725.18	9	1982.41	9	2239.65	9	2496.88	9	2681.32	9	2826.04	9	2970.76	9	3115.48	9	
1/4	188.09	1/4	445.32	1/4	702.55	1/4	959.78	1/4	1216.56	1/4	1473.31	1/4	1730.54	1/4	1987.77	1/4	2245.00	1/4	2502.24	1/4	2684.33	1/4	2829.05	1/4	2973.77	1/4	3118.49	1/4	
1/2	193.44	1/2	450.68	1/2	707.55	1/2	965.14	1/2	1221.90	1/2	1478.67	1/2	1735.90	1/2	1993.13	1/2	2250.36	1/2	2507.60	1/2	2687.35	1/2	2832.07	1/2	2976.79	1/2	3121.51	1/2	
3/4	198.80	3/4	456.03	3/4	713.27	3/4	970.50	3/4	1227.25	3/4	1484.03	3/4	1741.26	3/4	1998.49	3/4	2255.72	3/4	2512.95	3/4	2690.36	3/4	2835.08	3/4	2979.80	3/4	3124.52	3/4	
10	204.16	10	461.39	10																									

MAGNOLIA MARINE - BARGE "MM 112"

INNAGE TABLE

4 STAR

BARGE SHOULD BE ON EVEN LEVEL KEEL WHEN GAUGES ARE TAKEN

0 FEET		1 FEET		2 FEET		3 FEET		4 FEET		5 FEET		6 FEET		7 FEET		8 FEET		9 FEET		10 FEET		11 FEET		12 FEET		13 FEET		14 FEET	
IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.		IN.	
0	14.50	0	257.75	0	514.98	0	772.22	0	1029.45	0	1286.00	0	1542.98	0	1800.21	0	2057.44	0	2314.67	0	2569.28	0	2723.53	0	2868.25	0	3012.97	0	3157.69
1/4	17.17	1/4	263.11	1/4	520.34	1/4	777.58	1/4	1034.81	1/4	1291.34	1/4	1548.33	1/4	1805.57	1/4	2062.80	1/4	2320.03	1/4	2573.86	1/4	2726.54	1/4	2871.26	1/4	3015.98	1/4	3160.70
1/2	19.84	1/2	268.47	1/2	525.70	1/2	782.93	1/2	1040.17	1/2	1296.68	1/2	1553.69	1/2	1810.93	1/2	2068.16	1/2	2325.39	1/2	2578.43	1/2	2729.56	1/2	2874.28	1/2	3019.00	1/2	3163.72
3/4	23.59	3/4	273.83	3/4	531.06	3/4	788.29	3/4	1045.53	3/4	1302.02	3/4	1559.05	3/4	1816.28	3/4	2073.52	3/4	2330.75	3/4	2582.48	3/4	2732.57	3/4	2877.29	3/4	3022.01	3/4	3166.73
1	27.33	1	279.19	1	536.42	1	793.65	1	1050.88	1	1307.36	1	1564.41	1	1821.64	1	2078.88	1	2336.11	1	2586.53	1	2735.59	1	2880.31	1	3025.03	1	3169.46
1/4	31.08	1/4	284.55	1/4	541.78	1/4	799.01	1/4	1056.24	1/4	1312.70	1/4	1569.77	1/4	1827.00	1/4	2084.23	1/4	2341.47	1/4	2590.58	1/4	2738.60	1/4	2883.32	1/4	3028.04	1/4	3172.19
1/2	34.83	1/2	289.91	1/2	547.14	1/2	804.37	1/2	1061.60	1/2	1318.04	1/2	1575.13	1/2	1832.36	1/2	2089.59	1/2	2346.83	1/2	2594.63	1/2	2741.62	1/2	2886.34	1/2	3031.06	1/2	3174.92
3/4	39.65	3/4	295.27	3/4	552.50	3/4	809.73	3/4	1066.96	3/4	1323.38	3/4	1580.49	3/4	1837.72	3/4	2094.95	3/4	2352.18	3/4	2598.15	3/4	2744.63	3/4	2889.35	3/4	3034.07	3/4	3177.64
2	44.47	2	300.62	2	557.86	2	815.09	2	1072.32	2	1328.72	2	1585.85	2	1843.08	2	2100.31	2	2357.54	2	2601.68	2	2747.65	2	2892.37	2	3037.09	2	3179.79
1/4	49.29	1/4	305.98	1/4	563.22	1/4	820.45	1/4	1077.68	1/4	1334.07	1/4	1591.21	1/4	1848.44	1/4	2105.67	1/4	2362.90	1/4	2605.20	1/4	2750.66	1/4	2895.38	1/4	3040.10	1/4	3181.95
1/2	54.11	1/2	311.34	1/2	568.57	1/2	825.81	1/2	1083.04	1/2	1339.41	1/2	1596.57	1/2	1853.80	1/2	2111.03	1/2	2368.26	1/2	2608.73	1/2	2753.68	1/2	2898.40	1/2	3043.12	1/2	3184.10
3/4	59.47	3/4	316.70	3/4	573.93	3/4	831.17	3/4	1088.38	3/4	1344.75	3/4	1601.92	3/4	1859.16	3/4	2116.39	3/4	2373.62	3/4	2611.86	3/4	2756.69	3/4	2901.41	3/4	3046.13	3/4	3186.25
3	64.83	3	322.06	3	579.29	3	836.52	3	1093.72	3	1350.09	3	1607.28	3	1864.52	3	2121.75	3	2378.98	3	2614.99	3	2759.71	3	2904.43	3	3049.15	3	3187.83
1/4	70.19	1/4	327.42	1/4	584.65	1/4	841.88	1/4	1099.06	1/4	1355.43	1/4	1612.64	1/4	1869.87	1/4	2127.11	1/4	2384.34	1/4	2618.00	1/4	2762.72	1/4	2907.44	1/4	3052.16	1/4	3189.41
1/2	75.55	1/2	332.78	1/2	590.01	1/2	847.24	1/2	1104.40	1/2	1360.77	1/2	1618.00	1/2	1875.23	1/2	2132.47	1/2	2389.70	1/2	2621.02	1/2	2765.74	1/2	2910.46	1/2	3055.18	1/2	3190.98
3/4	80.91	3/4	338.14	3/4	595.37	3/4	852.60	3/4	1109.74	3/4	1366.13	3/4	1623.36	3/4	1880.59	3/4	2137.82	3/4	2395.06	3/4	2624.03	3/4	2768.75	3/4	2913.47	3/4	3058.19	3/4	3192.56
4	86.26	4	343.50	4	600.73	4	857.96	4	1115.08	4	1371.49	4	1628.72	4	1885.95	4	2143.18	4	2400.42	4	2627.05	4	2771.77	4	2916.49	4	3061.21	4	3193.56
1/4	91.62	1/4	348.86	1/4	606.09	1/4	863.32	1/4	1120.43	1/4	1376.85	1/4	1634.08	1/4	1891.31	1/4	2148.54	1/4	2405.77	1/4	2630.06	1/4	2774.78	1/4	2919.50	1/4	3064.22	1/4	3194.57
1/2	96.98	1/2	354.21	1/2	611.45	1/2	868.68	1/2	1125.77	1/2	1382.21	1/2	1638.44	1/2	1896.67	1/2	2153.90	1/2	2411.13	1/2	2633.08	1/2	2777.80	1/2	2922.52	1/2	3067.24	1/2	3195.57
3/4	102.34	3/4	359.57	3/4	616.81	3/4	874.04	3/4	1131.11	3/4	1387.57	3/4	1644.80	3/4	1902.03	3/4	2159.26	3/4	2416.49	3/4	2636.09	3/4	2780.81	3/4	2925.53	3/4	3070.25	3/4	3196.57
5	107.70	5	364.93	5	622.16	5	879.40	5	1136.45	5	1392.92	5	1650.16	5	1907.39	5	2164.62	5	2421.85	5	2639.11	5	2783.83	5	2928.55	5	3073.27	5	3197.00
1/4	113.06	1/4	370.29	1/4	627.52	1/4	884.76	1/4	1141.79	1/4	1398.28	1/4	1655.51	1/4	1912.75	1/4	2169.98	1/4	2427.21	1/4	2642.12	1/4	2786.84	1/4	2931.56	1/4	3076.28	1/4	3197.43
1/2	118.42	1/2	375.65	1/2	632.88	1/2	890.11	1/2	1147.13	1/2	1403.64	1/2	1660.87	1/2	1918.11	1/2	2175.34	1/2	2432.57	1/2	2645.14	1/2	2789.86	1/2	2934.58	1/2	3079.30	1/2	3197.85
3/4	123.78	3/4	381.01	3/4	638.24	3/4	895.47	3/4	1152.47	3/4	1409.00	3/4	1666.23	3/4	1923.46	3/4	2180.70	3/4	2437.93	3/4	2648.15	3/4	2792.87	3/4	2937.59	3/4	3082.31	3/4	3198.28
6	129.14	6	386.37	6	643.60	6	900.83	6	1157.81	6	1414.36	6	1671.59	6	1928.82	6	2186.06	6	2443.29	6	2651.17	6	2795.89	6	2940.61	6	3085.33	6	3198.35
1/4	134.50	1/4	391.73	1/4	648.96	1/4	906.19	1/4	1163.15	1/4	1419.72	1/4	1676.95	1/4	1934.18	1/4	2191.41	1/4	2448.65	1/4	2654.18	1/4	2798.90	1/4	2943.62	1/4	3088.34	1/4	3198.41
1/2	138.85	1/2	397.09	1/2	654.32	1/2	911.55	1/2	1168.49	1/2	1425.08	1/2	1682.31	1/2	1939.54	1/2	2196.77	1/2	2454.01	1/2	2657.20	1/2	2801.92	1/2	2946.64	1/2	3091.36	1/2	3198.48
3/4	145.21	3/4	402.45	3/4	659.68	3/4	916.91	3/4	1173.84	3/4	1430.44	3/4	1687.67	3/4	1944.90	3/4	2202.13	3/4	2459.36	3/4	2660.21	3/4	2804.93	3/4	2949.65	3/4	3094.37	3/4	3198.55
7	150.57	7	407.80	7	665.04	7	922.27	7	1179.18	7	1435.80	7	1693.03	7	1950.26	7	2207.49	7	2464.72	7	2663.23	7	2807.95	7	2952.67	7	3097.39	7	3198.62
1/4	155.93	1/4	413.16	1/4	670.40	1/4	927.63	1/4	1184.52	1/4	1441.16	1/4	1698.39	1/4	1955.62	1/4	2212.85	1/4	2470.08	1/4	2666.24	1/4	2810.96	1/4	2955.68	1/4	3100.40	1/4	3198.69
1/2	161.29	1/2	418.52	1/2	675.75	1/2	932.99	1/2	1189.86	1/2	1446.51	1/2	1703.75	1/2	1960.98	1/2	2218.21	1/2	2475.44	1/2	2669.26	1/2	2813.98	1/2	2958.70	1/2	3103.42	1/2	3198.76
3/4	166.65	3/4	423.88	3/4	681.11	3/4	938.35	3/4	1195.20	3/4	1451.87	3/4	1709.10	3/4	1966.34	3/4	2223.57	3/4	2480.80	3/4	2672.27	3/4	2816.99	3/4	2961.71	3/4	3106.43	3/4	3198.83
8	172.01	8	429.24	8	686.47	8	943.70	8	1200.54	8	1457.23	8	1714.46	8	1971.70	8	2228.93	8	2486.16	8	2675.29	8	2820.01	8	2964.73	8	3109.45	8	3198.90
1/4	177.37	1/4	434.60	1/4	691.83	1/4	949.06	1/4	1205.88	1/4	1462.59	1/4	1719.82	1/4	1977.05	1/4	2234.29	1/4	2491.52	1/4	2678.30	1/4	2823.02	1/4	2967.74	1/4	3112.46	1/4	3198.97
1/2	182.73	1/2	439.96	1/2	697.19	1/2	954.42	1/2	1211.22	1/2	1467.95	1/2	1725.18	1/2	1982.41	1/2	2239.65	1/2	2496.88	1/2	2681.32	1/2	2826.04	1/2	2970.76	1/2	3115.48	1/2	3199.04
3/4	188.09	3/4	445.32	3/4	702.55	3/4	959.78	3/4	1216.56	3/4	1473.31	3/4	1730.54	3/4	1987.77	3/4	2245.00	3/4	2502.24	3/4	2684.33	3/4	2829.05	3/4	2973.77	3/4	3118.49	3/4	3199.11
9	193.44	9	450.68	9	707.91	9	965.14	9	1221.90	9	1478.67	9	1735.90	9	1993.13	9	2250.36	9	2507.60	9	2687.35	9	2832.07	9	2976.79	9	3121.51	9	3199.18
1/4	198.80	1/4	456.03	1/4	713.27	1/4	970.50	1/4	1227.25	1/4	1484.03	1/4	1741.26	1/4	1998.49	1/4	2255.72	1/4	2512.95	1/4	2690.36	1/4	2835.08	1/4	2979.80	1/4	3124.52	1/4	3199.25
1/2	204.16	1/2	461.39	1/2	718.63	1/2	975.86	1/2	1232.59	1/2	1489.39	1/2	1746.62	1/2	2003.85	1/2	2261.08	1/2	2518.31	1/2	2693.38	1/2	2839.10	1/2	2982.82	1/2	3127.54	1/2	3199.32
3/4	209.52	3/4	466.75	3/4	723.99	3/4	981.22	3/4	1237.93	3/4	1494.74	3/4	1751.98	3/4	2009.21	3/4	2266.44	3/4	2523.67	3/4	2696.39	3/4	2841.11	3/4					