



BARGE "MM-113" MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2157-1

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	* 12.25	0	219.16	0	461.99	0	705.06	0	950.25	0	1,197.54	0	1,444.84	0	1,692.14	0	1,939.43	0	2,186.73	0	2,434.02	0	2,681.32	0	2,928.62	0	3,175.91	0	3,421.01
1/4	15.33	1/4	224.00	1/4	467.14	1/4	710.08	1/4	955.40	1/4	1,202.70	1/4	1,449.99	1/4	1,697.29	1/4	1,944.58	1/4	2,191.88	1/4	2,439.18	1/4	2,686.47	1/4	2,933.77	1/4	3,181.06	1/4	3,425.73
1/2	18.41	1/2	228.84	1/2	472.30	1/2	715.10	1/2	960.55	1/2	1,207.85	1/2	1,455.14	1/2	1,702.44	1/2	1,949.74	1/2	2,197.03	1/2	2,444.33	1/2	2,691.62	1/2	2,938.92	1/2	3,186.22	1/2	3,430.45
3/4	21.49	3/4	233.69	3/4	477.45	3/4	720.12	3/4	965.70	3/4	1,213.00	3/4	1,460.30	3/4	1,707.59	3/4	1,954.89	3/4	2,202.18	3/4	2,449.48	3/4	2,696.78	3/4	2,944.07	3/4	3,191.37	3/4	3,435.17
1	24.57	1	238.53	1	482.60	1	725.14	1	970.86	1	1,218.15	1	1,465.45	1	1,712.74	1	1,960.04	1	2,207.34	1	2,454.63	1	2,701.93	1	2,949.22	1	3,196.52	1	3,439.89
1/4	28.41	1/4	243.37	1/4	487.75	1/4	730.16	1/4	976.01	1/4	1,223.30	1/4	1,470.60	1/4	1,717.90	1/4	1,965.19	1/4	2,212.49	1/4	2,459.78	1/4	2,707.08	1/4	2,954.38	1/4	3,201.62	1/4	3,443.85
1/2	32.25	1/2	248.21	1/2	492.90	1/2	735.18	1/2	981.16	1/2	1,228.46	1/2	1,475.75	1/2	1,723.05	1/2	1,970.34	1/2	2,217.64	1/2	2,464.94	1/2	2,712.23	1/2	2,959.53	1/2	3,206.72	1/2	3,447.80
3/4	36.35	3/4	253.05	3/4	498.06	3/4	740.20	3/4	986.31	3/4	1,233.61	3/4	1,480.90	3/4	1,728.20	3/4	1,975.50	3/4	2,222.79	3/4	2,470.09	3/4	2,717.38	3/4	2,964.68	3/4	3,211.83	3/4	3,451.76
2	40.44	2	257.90	2	503.21	2	745.22	2	991.46	2	1,238.76	2	1,486.06	2	1,733.35	2	1,980.65	2	2,227.94	2	2,475.24	2	2,722.54	2	2,969.83	2	3,216.93	2	3,455.72
1/4	44.66	1/4	262.86	1/4	508.36	1/4	750.24	1/4	996.62	1/4	1,243.91	1/4	1,491.21	1/4	1,738.50	1/4	1,985.80	1/4	2,233.10	1/4	2,480.39	1/4	2,727.69	1/4	2,974.98	1/4	3,222.03	1/4	3,458.91
1/2	48.88	1/2	267.83	1/2	513.51	1/2	755.26	1/2	1,001.77	1/2	1,249.06	1/2	1,496.36	1/2	1,743.66	1/2	1,990.95	1/2	2,238.25	1/2	2,485.54	1/2	2,732.84	1/2	2,980.14	1/2	3,227.13	1/2	3,462.11
3/4	53.10	3/4	272.79	3/4	518.66	3/4	760.28	3/4	1,006.92	3/4	1,254.22	3/4	1,501.51	3/4	1,748.81	3/4	1,996.10	3/4	2,243.40	3/4	2,490.70	3/4	2,737.99	3/4	2,985.29	3/4	3,232.23	3/4	3,465.30
3	57.32	3	277.76	3	523.82	3	765.30	3	1,012.07	3	1,259.37	3	1,506.66	3	1,753.96	3	2,001.26	3	2,248.55	3	2,495.85	3	2,743.14	3	2,990.44	3	3,237.34	3	3,468.50
1/4	61.54	1/4	282.73	1/4	528.97	1/4	770.32	1/4	1,017.22	1/4	1,264.52	1/4	1,511.82	1/4	1,759.11	1/4	2,006.41	1/4	2,253.70	1/4	2,501.00	1/4	2,748.30	1/4	2,995.59	1/4	3,242.44	1/4	3,470.93
1/2	65.76	1/2	287.69	1/2	534.12	1/2	775.34	1/2	1,022.38	1/2	1,269.67	1/2	1,516.97	1/2	1,764.26	1/2	2,011.56	1/2	2,258.86	1/2	2,506.15	1/2	2,753.45	1/2	3,000.74	1/2	3,247.54	1/2	3,473.36
3/4	69.98	3/4	292.66	3/4	539.27	3/4	780.36	3/4	1,027.53	3/4	1,274.82	3/4	1,522.12	3/4	1,769.42	3/4	2,016.71	3/4	2,264.01	3/4	2,511.30	3/4	2,758.60	3/4	3,005.90	3/4	3,252.64	3/4	3,475.79
4	74.20	4	297.62	4	544.42	4	785.38	4	1,032.68	4	1,279.98	4	1,527.27	4	1,774.57	4	2,021.86	4	2,269.16	4	2,516.46	4	2,763.75	4	3,011.05	4	3,257.74	4	3,478.22
1/4	78.54	1/4	302.71	1/4	549.44	1/4	790.54	1/4	1,037.83	1/4	1,285.13	1/4	1,532.42	1/4	1,779.72	1/4	2,027.02	1/4	2,274.31	1/4	2,521.61	1/4	2,768.90	1/4	3,016.20	1/4	3,262.85	1/4	3,479.88
1/2	82.89	1/2	307.80	1/2	554.46	1/2	795.69	1/2	1,042.98	1/2	1,290.28	1/2	1,537.58	1/2	1,784.87	1/2	2,032.17	1/2	2,279.46	1/2	2,526.76	1/2	2,774.06	1/2	3,021.35	1/2	3,267.95	1/2	3,481.55
3/4	87.23	3/4	312.89	3/4	559.48	3/4	800.84	3/4	1,048.14	3/4	1,295.43	3/4	1,542.73	3/4	1,790.02	3/4	2,037.32	3/4	2,284.62	3/4	2,531.91	3/4	2,779.21	3/4	3,026.50	3/4	3,273.05	3/4	3,483.22
5	91.58	5	317.98	5	564.50	5	805.99	5	1,053.29	5	1,300.58	5	1,547.88	5	1,795.18	5	2,042.47	5	2,289.77	5	2,537.06	5	2,784.36	5	3,031.66	5	3,278.15	5	3,484.89
1/4	95.92	1/4	323.07	1/4	569.52	1/4	811.14	1/4	1,058.44	1/4	1,305.74	1/4	1,553.03	1/4	1,800.33	1/4	2,047.62	1/4	2,294.92	1/4	2,542.22	1/4	2,789.51	1/4	3,036.81	1/4	3,283.25	1/4	3,485.79
1/2	100.26	1/2	328.16	1/2	574.54	1/2	816.30	1/2	1,063.59	1/2	1,310.89	1/2	1,558.18	1/2	1,805.48	1/2	2,052.78	1/2	2,300.07	1/2	2,547.37	1/2	2,794.66	1/2	3,041.96	1/2	3,288.36	1/2	3,486.70
3/4	104.61	3/4	333.25	3/4	579.56	3/4	821.45	3/4	1,068.74	3/4	1,316.04	3/4	1,563.34	3/4	1,810.63	3/4	2,057.93	3/4	2,305.22	3/4	2,552.52	3/4	2,799.82	3/4	3,047.11	3/4	3,293.46	3/4	3,487.60
6	108.95	6	338.34	6	584.58	6	826.60	6	1,073.90	6	1,321.19	6	1,568.49	6	1,815.78	6	2,063.08	6	2,310.38	6	2,557.67	6	2,804.97	6	3,052.26	6	3,298.56	6	3,488.50
1/4	113.42	1/4	343.50	1/4	589.60	1/4	831.75	1/4	1,079.05	1/4	1,326.34	1/4	1,573.64	1/4	1,820.94	1/4	2,068.23	1/4	2,315.53	1/4	2,562.82	1/4	2,810.12	1/4	3,057.42	1/4	3,303.66	1/4	3,488.74
1/2	117.89	1/2	348.65	1/2	594.62	1/2	836.90	1/2	1,084.20	1/2	1,331.50	1/2	1,578.79	1/2	1,826.09	1/2	2,073.38	1/2	2,320.68	1/2	2,567.98	1/2	2,815.27	1/2	3,062.57	1/2	3,308.76	1/2	3,489.98
3/4	122.36	3/4	353.80	3/4	599.64	3/4	842.06	3/4	1,089.35	3/4	1,336.65	3/4	1,583.94	3/4	1,831.24	3/4	2,078.54	3/4	2,325.83	3/4	2,573.13	3/4	2,820.42	3/4	3,067.72	3/4	3,313.87	3/4	3,489.21
7	126.82	7	358.95	7	604.66	7	847.21	7	1,094.50	7	1,341.80	7	1,589.10	7	1,836.39	7	2,083.69	7	2,330.98	7	2,578.28	7	2,825.58	7	3,072.87	7	3,318.97	7	3,489.77
1/4	131.29	1/4	364.10	1/4	609.68	1/4	852.36	1/4	1,099.66	1/4	1,346.95	1/4	1,594.25	1/4	1,841.54	1/4	2,088.84	1/4	2,336.14	1/4	2,583.43	1/4	2,830.73	1/4	3,078.02	1/4	3,324.07	1/4	3,489.77
1/2	135.76	1/2	369.26	1/2	614.70	1/2	857.51	1/2	1,104.81	1/2	1,352.10	1/2	1,599.40	1/2	1,846.70	1/2	2,093.99	1/2	2,341.29	1/2	2,588.58	1/2	2,835.88	1/2	3,083.18	1/2	3,329.17	1/2	3,489.77
3/4	140.23	3/4	374.41	3/4	619.72	3/4	862.66	3/4	1,109.96	3/4	1,357.26	3/4	1,604.55	3/4	1,851.85	3/4	2,099.14	3/4	2,346.44	3/4	2,593.74	3/4	2,841.03	3/4	3,088.33	3/4	3,334.27	3/4	3,489.77
8	144.70	8	379.56	8	624.74	8	867.82	8	1,115.11	8	1,362.41	8	1,609.70	8	1,857.00	8	2,104.30	8	2,351.59	8	2,598.89	8	2,846.18	8	3,093.48	8	3,339.38	8	3,489.77
1/4	149.29	1/4	384.71	1/4	629.76	1/4	872.97	1/4	1,120.26	1/4	1,367.56	1/4	1,614.86	1/4	1,862.15	1/4	2,109.45	1/4	2,356.74	1/4	2,604.04	1/4	2,851.34	1/4	3,098.63	1/4	3,344.48	1/4	3,489.77
1/2	153.88	1/2	389.86	1/2	634.78	1/2	878.12	1/2	1,125.42	1/2	1,372.71	1/2	1,620.01	1/2	1,867.30	1/2	2,114.60												



BARGE "MM-113" MAGNOLIA MARINE

INNAGE TABLE

2 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2157-1

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	
0	*	13.92	0	282.10	0	557.62	0	833.14	0	1,108.66	0	1,384.18	0	1,659.70	0	1,935.22	0	2,210.74	0	2,486.26	0	2,761.78	0	3,037.30	0	3,312.82	0	3,588.34	0	3,862.57
1/4		18.02	1/4	287.84	1/4	563.36	1/4	838.88	1/4	1,114.40	1/4	1,389.92	1/4	1,665.44	1/4	1,940.96	1/4	2,216.48	1/4	2,492.00	1/4	2,767.52	1/4	3,043.04	1/4	3,318.56	1/4	3,594.08	1/4	3,867.86
1/2		22.13	1/2	293.58	1/2	569.10	1/2	844.62	1/2	1,120.14	1/2	1,395.66	1/2	1,671.18	1/2	1,946.70	1/2	2,222.22	1/2	2,497.74	1/2	2,773.26	1/2	3,048.78	1/2	3,324.30	1/2	3,599.82	1/2	3,873.14
3/4		26.23	3/4	299.32	3/4	574.84	3/4	850.36	3/4	1,125.88	3/4	1,401.40	3/4	1,676.92	3/4	1,952.44	3/4	2,227.96	3/4	2,503.48	3/4	2,779.00	3/4	3,054.52	3/4	3,330.04	3/4	3,605.53	3/4	3,878.42
1		30.34	1	305.06	1	580.58	1	856.10	1	1,131.62	1	1,407.14	1	1,682.66	1	1,958.18	1	2,233.70	1	2,509.22	1	2,784.74	1	3,060.26	1	3,335.78	1	3,611.24	1	3,883.71
1/4		35.68	1/4	310.80	1/4	586.32	1/4	861.84	1/4	1,137.36	1/4	1,412.88	1/4	1,688.40	1/4	1,963.92	1/4	2,239.44	1/4	2,514.96	1/4	2,790.48	1/4	3,066.00	1/4	3,341.52	1/4	3,616.96	1/4	3,888.18
1/2		41.02	1/2	316.54	1/2	592.06	1/2	867.58	1/2	1,143.10	1/2	1,418.62	1/2	1,694.14	1/2	1,969.66	1/2	2,245.18	1/2	2,520.70	1/2	2,796.22	1/2	3,071.74	1/2	3,347.26	1/2	3,622.67	1/2	3,892.65
3/4		46.76	3/4	322.28	3/4	597.80	3/4	873.32	3/4	1,148.84	3/4	1,424.36	3/4	1,699.88	3/4	1,975.40	3/4	2,250.92	3/4	2,526.44	3/4	2,801.96	3/4	3,077.48	3/4	3,353.00	3/4	3,628.38	3/4	3,897.12
2		52.50	2	328.02	2	603.54	2	879.06	2	1,154.58	2	1,430.10	2	1,705.62	2	1,981.14	2	2,256.66	2	2,532.18	2	2,807.70	2	3,083.22	2	3,358.74	2	3,634.09	2	3,901.60
1/4		58.24	1/4	333.76	1/4	609.28	1/4	884.80	1/4	1,160.32	1/4	1,435.84	1/4	1,711.36	1/4	1,986.88	1/4	2,262.40	1/4	2,537.92	1/4	2,813.44	1/4	3,088.96	1/4	3,364.48	1/4	3,639.80	1/4	3,905.22
1/2		63.98	1/2	339.50	1/2	615.02	1/2	890.54	1/2	1,166.06	1/2	1,441.58	1/2	1,717.10	1/2	1,992.62	1/2	2,268.14	1/2	2,543.66	1/2	2,819.18	1/2	3,094.70	1/2	3,370.22	1/2	3,645.52	1/2	3,908.84
3/4		69.72	3/4	345.24	3/4	620.76	3/4	896.28	3/4	1,171.80	3/4	1,447.32	3/4	1,722.84	3/4	1,998.36	3/4	2,273.88	3/4	2,549.40	3/4	2,824.92	3/4	3,100.44	3/4	3,375.96	3/4	3,651.23	3/4	3,912.46
3		75.46	3	350.98	3	626.50	3	902.02	3	1,177.54	3	1,453.06	3	1,728.58	3	2,004.10	3	2,279.62	3	2,555.14	3	2,830.66	3	3,106.18	3	3,381.70	3	3,656.94	3	3,916.08
1/4		81.20	1/4	356.72	1/4	632.24	1/4	907.76	1/4	1,183.28	1/4	1,458.80	1/4	1,734.32	1/4	2,009.84	1/4	2,285.36	1/4	2,560.88	1/4	2,836.40	1/4	3,111.92	1/4	3,387.44	1/4	3,662.65	1/4	3,918.84
1/2		86.94	1/2	362.46	1/2	637.98	1/2	913.50	1/2	1,189.02	1/2	1,464.54	1/2	1,740.06	1/2	2,015.58	1/2	2,291.10	1/2	2,566.62	1/2	2,842.14	1/2	3,117.66	1/2	3,393.18	1/2	3,668.36	1/2	3,921.61
3/4		92.68	3/4	368.20	3/4	643.72	3/4	919.24	3/4	1,194.76	3/4	1,470.28	3/4	1,745.80	3/4	2,021.32	3/4	2,296.84	3/4	2,572.36	3/4	2,847.88	3/4	3,123.40	3/4	3,398.92	3/4	3,674.08	3/4	3,924.38
4		98.42	4	373.94	4	649.46	4	924.98	4	1,200.50	4	1,476.02	4	1,751.54	4	2,027.06	4	2,302.58	4	2,578.10	4	2,853.62	4	3,129.14	4	3,404.66	4	3,679.79	4	3,927.15
1/4		104.16	1/4	379.68	1/4	655.20	1/4	930.72	1/4	1,206.24	1/4	1,481.76	1/4	1,757.28	1/4	2,032.80	1/4	2,308.32	1/4	2,583.84	1/4	2,859.36	1/4	3,134.88	1/4	3,410.40	1/4	3,685.50	1/4	3,929.06
1/2		109.90	1/2	385.42	1/2	660.94	1/2	936.46	1/2	1,211.98	1/2	1,487.50	1/2	1,763.02	1/2	2,038.54	1/2	2,314.06	1/2	2,589.58	1/2	2,865.10	1/2	3,140.62	1/2	3,416.14	1/2	3,691.21	1/2	3,930.98
3/4		115.64	3/4	391.16	3/4	666.68	3/4	942.20	3/4	1,217.72	3/4	1,493.24	3/4	1,768.76	3/4	2,044.28	3/4	2,319.80	3/4	2,595.32	3/4	2,870.84	3/4	3,146.36	3/4	3,421.88	3/4	3,696.92	3/4	3,932.90
5		121.38	5	396.90	5	672.42	5	947.94	5	1,223.46	5	1,498.98	5	1,774.50	5	2,050.02	5	2,325.54	5	2,601.06	5	2,876.58	5	3,152.10	5	3,427.62	5	3,702.64	5	3,934.81
1/4		127.12	1/4	402.64	1/4	678.16	1/4	953.68	1/4	1,229.20	1/4	1,504.72	1/4	1,780.24	1/4	2,055.76	1/4	2,331.28	1/4	2,606.80	1/4	2,882.32	1/4	3,157.84	1/4	3,433.36	1/4	3,708.35	1/4	3,935.87
1/2		132.86	1/2	408.38	1/2	683.90	1/2	959.42	1/2	1,234.94	1/2	1,510.46	1/2	1,785.98	1/2	2,061.50	1/2	2,337.02	1/2	2,612.54	1/2	2,888.06	1/2	3,163.58	1/2	3,439.10	1/2	3,714.06	1/2	3,936.94
3/4		138.60	3/4	414.12	3/4	689.64	3/4	965.16	3/4	1,240.68	3/4	1,516.20	3/4	1,791.72	3/4	2,067.24	3/4	2,342.76	3/4	2,618.28	3/4	2,893.80	3/4	3,169.32	3/4	3,444.84	3/4	3,719.77	3/4	3,938.00
6		144.34	6	419.86	6	695.38	6	970.90	6	1,246.42	6	1,521.94	6	1,797.46	6	2,072.98	6	2,348.50	6	2,624.02	6	2,899.54	6	3,175.06	6	3,450.58	6	3,725.48	6	3,939.06
1/4		150.08	1/4	425.60	1/4	701.12	1/4	976.64	1/4	1,252.16	1/4	1,527.68	1/4	1,803.20	1/4	2,078.72	1/4	2,354.24	1/4	2,629.76	1/4	2,905.28	1/4	3,180.80	1/4	3,456.32	1/4	3,731.20	1/4	3,939.38
1/2		155.82	1/2	431.34	1/2	706.86	1/2	982.38	1/2	1,257.90	1/2	1,533.42	1/2	1,808.94	1/2	2,084.46	1/2	2,359.98	1/2	2,635.50	1/2	2,911.02	1/2	3,186.54	1/2	3,462.06	1/2	3,736.91	1/2	3,939.70
3/4		161.56	3/4	437.08	3/4	712.60	3/4	988.12	3/4	1,263.64	3/4	1,539.16	3/4	1,814.68	3/4	2,090.20	3/4	2,365.72	3/4	2,641.24	3/4	2,916.76	3/4	3,192.28	3/4	3,467.80	3/4	3,742.62	3/4	3,940.01
7		167.30	7	442.82	7	718.34	7	993.86	7	1,269.38	7	1,544.90	7	1,820.42	7	2,095.94	7	2,371.46	7	2,646.98	7	2,922.50	7	3,198.02	7	3,473.54	7	3,748.33	7	3,948.33
1/4		173.04	1/4	448.56	1/4	724.08	1/4	999.60	1/4	1,275.12	1/4	1,550.64	1/4	1,826.16	1/4	2,101.68	1/4	2,377.20	1/4	2,652.72	1/4	2,928.24	1/4	3,203.76	1/4	3,479.28	1/4	3,754.04	1/4	3,948.33
1/2		178.78	1/2	454.30	1/2	729.82	1/2	1,005.34	1/2	1,280.86	1/2	1,556.38	1/2	1,831.90	1/2	2,107.42	1/2	2,382.94	1/2	2,658.46	1/2	2,933.98	1/2	3,209.50	1/2	3,485.02	1/2	3,759.76	1/2	3,948.33
3/4		184.52	3/4	460.04	3/4	735.56	3/4	1,011.08	3/4	1,286.60	3/4	1,562.12	3/4	1,837.64	3/4	2,113.16	3/4	2,388.68	3/4	2,664.20	3/4	2,939.72	3/4	3,215.24	3/4	3,490.76	3/4	3,765.47	3/4	3,948.33
8		190.26	8	465.78	8	741.30	8	1,016.82	8	1,292.34	8	1,567.86	8	1,843.38	8	2,118.90	8	2,394.42	8	2,669.94	8	2,945.46	8	3,220.98	8	3,496.50	8	3,771.18	8	3,948.33
1/4		196.00	1/4	471.52	1/4	747.04	1/4	1,022.56	1/4	1,298.08	1/4	1,573.60	1/4	1,849.12	1/4	2,124.64	1/4	2,400.16	1/4	2,675.68	1/4	2,951.20	1/4	3,226.72	1/4	3,502.24	1/4	3,776.89	1/4	3,948.33



BARGE "MM-113" MAGNOLIA MARINE

INNAGE TABLE

3 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2157-1

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	* 13.92	0	283.11	0	559.78	0	836.45	0	1,113.12	0	1,389.80	0	1,666.47	0	1,943.14	0	2,219.81	0	2,496.48	0	2,773.16	0	3,049.83	0	3,326.50	0	3,603.17	0	3,877.45
1/4	18.02	1/4	288.87	1/4	565.54	1/4	842.22	1/4	1,118.89	1/4	1,395.56	1/4	1,672.23	1/4	1,948.90	1/4	2,225.58	1/4	2,502.25	1/4	2,778.92	1/4	3,055.59	1/4	3,332.26	1/4	3,608.94	1/4	3,882.74
1/2	22.13	1/2	294.64	1/2	571.31	1/2	847.98	1/2	1,124.65	1/2	1,401.32	1/2	1,678.00	1/2	1,954.67	1/2	2,231.34	1/2	2,508.01	1/2	2,784.68	1/2	3,061.36	1/2	3,338.03	1/2	3,614.70	1/2	3,888.02
3/4	26.23	3/4	300.40	3/4	577.07	3/4	853.74	3/4	1,130.42	3/4	1,407.09	3/4	1,683.76	3/4	1,960.43	3/4	2,237.10	3/4	2,513.78	3/4	2,790.45	3/4	3,067.12	3/4	3,343.79	3/4	3,620.41	3/4	3,893.30
1	30.34	1	306.16	1	582.84	1	859.51	1	1,136.18	1	1,412.85	1	1,689.52	1	1,966.20	1	2,242.87	1	2,519.54	1	2,796.21	1	3,072.88	1	3,349.56	1	3,626.12	1	3,898.59
1/4	35.68	1/4	311.93	1/4	588.60	1/4	865.27	1/4	1,141.94	1/4	1,418.62	1/4	1,695.29	1/4	1,971.96	1/4	2,248.63	1/4	2,525.30	1/4	2,801.98	1/4	3,078.65	1/4	3,355.32	1/4	3,631.84	1/4	3,903.06
1/2	41.02	1/2	317.69	1/2	594.36	1/2	871.04	1/2	1,147.71	1/2	1,424.38	1/2	1,701.05	1/2	1,977.72	1/2	2,254.40	1/2	2,531.07	1/2	2,807.74	1/2	3,084.41	1/2	3,361.08	1/2	3,637.55	1/2	3,907.53
3/4	46.78	3/4	323.46	3/4	600.13	3/4	876.80	3/4	1,153.47	3/4	1,430.14	3/4	1,706.82	3/4	1,983.49	3/4	2,260.16	3/4	2,536.83	3/4	2,813.50	3/4	3,090.18	3/4	3,366.85	3/4	3,643.26	3/4	3,912.00
2	52.55	2	329.22	2	605.89	2	882.56	2	1,159.24	2	1,435.91	2	1,712.58	2	1,989.25	2	2,265.92	2	2,542.60	2	2,819.27	2	3,095.94	2	3,372.61	2	3,648.97	2	3,916.48
1/4	58.31	1/4	334.98	1/4	611.66	1/4	888.33	1/4	1,165.00	1/4	1,441.67	1/4	1,718.34	1/4	1,995.02	1/4	2,271.69	1/4	2,548.36	1/4	2,825.03	1/4	3,101.70	1/4	3,378.38	1/4	3,654.68	1/4	3,920.10
1/2	64.08	1/2	340.75	1/2	617.42	1/2	894.09	1/2	1,170.76	1/2	1,447.44	1/2	1,724.11	1/2	2,000.78	1/2	2,277.45	1/2	2,554.12	1/2	2,830.80	1/2	3,107.47	1/2	3,384.14	1/2	3,660.40	1/2	3,923.72
3/4	69.84	3/4	346.51	3/4	623.18	3/4	899.86	3/4	1,176.53	3/4	1,453.20	3/4	1,729.87	3/4	2,006.54	3/4	2,283.22	3/4	2,559.89	3/4	2,836.56	3/4	3,113.23	3/4	3,389.90	3/4	3,666.11	3/4	3,927.34
3	75.60	3	352.28	3	628.95	3	905.62	3	1,182.29	3	1,458.96	3	1,735.64	3	2,012.31	3	2,288.98	3	2,565.65	3	2,842.32	3	3,119.00	3	3,395.67	3	3,671.82	3	3,930.96
1/4	81.37	1/4	358.04	1/4	634.71	1/4	911.38	1/4	1,188.06	1/4	1,464.73	1/4	1,741.40	1/4	2,018.07	1/4	2,294.74	1/4	2,571.42	1/4	2,848.09	1/4	3,124.76	1/4	3,401.43	1/4	3,677.53	1/4	3,933.72
1/2	87.13	1/2	363.80	1/2	640.48	1/2	917.15	1/2	1,193.82	1/2	1,470.49	1/2	1,747.16	1/2	2,023.84	1/2	2,300.51	1/2	2,577.18	1/2	2,853.85	1/2	3,130.52	1/2	3,407.20	1/2	3,683.24	1/2	3,936.49
3/4	92.90	3/4	369.57	3/4	646.24	3/4	922.91	3/4	1,199.58	3/4	1,476.26	3/4	1,752.93	3/4	2,029.60	3/4	2,306.27	3/4	2,582.94	3/4	2,859.62	3/4	3,136.29	3/4	3,412.96	3/4	3,688.96	3/4	3,939.26
4	98.66	4	375.33	4	652.00	4	928.68	4	1,205.35	4	1,482.02	4	1,758.69	4	2,035.36	4	2,312.04	4	2,588.71	4	2,865.38	4	3,142.05	4	3,418.72	4	3,694.67	4	3,942.03
1/4	104.42	1/4	381.10	1/4	657.77	1/4	934.44	1/4	1,211.11	1/4	1,487.78	1/4	1,764.46	1/4	2,041.13	1/4	2,317.80	1/4	2,594.47	1/4	2,871.14	1/4	3,147.82	1/4	3,424.49	1/4	3,700.38	1/4	3,943.94
1/2	110.19	1/2	386.86	1/2	663.53	1/2	940.20	1/2	1,216.88	1/2	1,493.55	1/2	1,770.22	1/2	2,046.89	1/2	2,323.56	1/2	2,600.24	1/2	2,876.91	1/2	3,153.58	1/2	3,430.25	1/2	3,706.09	1/2	3,945.86
3/4	115.95	3/4	392.62	3/4	669.30	3/4	945.97	3/4	1,222.64	3/4	1,499.31	3/4	1,775.98	3/4	2,052.66	3/4	2,329.33	3/4	2,606.00	3/4	2,882.67	3/4	3,159.34	3/4	3,436.02	3/4	3,711.80	3/4	3,947.78
5	121.72	5	398.39	5	675.06	5	951.73	5	1,228.40	5	1,505.08	5	1,781.75	5	2,058.42	5	2,335.09	5	2,611.76	5	2,888.44	5	3,165.11	5	3,441.78	5	3,717.52	5	3,949.69
1/4	127.48	1/4	404.15	1/4	680.82	1/4	957.50	1/4	1,234.17	1/4	1,510.84	1/4	1,787.51	1/4	2,064.18	1/4	2,340.86	1/4	2,617.53	1/4	2,894.20	1/4	3,170.87	1/4	3,447.54	1/4	3,723.23	1/4	3,950.75
1/2	133.24	1/2	409.92	1/2	686.59	1/2	963.26	1/2	1,239.93	1/2	1,516.60	1/2	1,793.28	1/2	2,069.95	1/2	2,346.62	1/2	2,623.29	1/2	2,899.96	1/2	3,176.64	1/2	3,453.31	1/2	3,728.94	1/2	3,951.82
3/4	139.01	3/4	415.68	3/4	692.35	3/4	969.02	3/4	1,245.70	3/4	1,522.37	3/4	1,799.04	3/4	2,075.71	3/4	2,352.38	3/4	2,629.06	3/4	2,905.73	3/4	3,182.40	3/4	3,459.07	3/4	3,734.65	3/4	3,952.88
6	144.77	6	421.44	6	698.12	6	974.79	6	1,251.46	6	1,528.13	6	1,804.80	6	2,081.48	6	2,358.15	6	2,634.82	6	2,911.49	6	3,188.16	6	3,464.84	6	3,740.36	6	3,953.94
1/4	150.54	1/4	427.21	1/4	703.88	1/4	980.55	1/4	1,257.22	1/4	1,533.90	1/4	1,810.57	1/4	2,087.24	1/4	2,363.91	1/4	2,640.58	1/4	2,917.26	1/4	3,193.93	1/4	3,470.60	1/4	3,746.08	1/4	3,954.26
1/2	156.30	1/2	432.97	1/2	709.64	1/2	986.32	1/2	1,262.99	1/2	1,539.66	1/2	1,816.33	1/2	2,093.00	1/2	2,369.68	1/2	2,646.35	1/2	2,923.02	1/2	3,199.69	1/2	3,476.36	1/2	3,751.79	1/2	3,954.58
3/4	162.06	3/4	438.74	3/4	715.41	3/4	992.08	3/4	1,268.75	3/4	1,545.42	3/4	1,822.10	3/4	2,098.77	3/4	2,375.44	3/4	2,652.11	3/4	2,928.78	3/4	3,205.46	3/4	3,482.13	3/4	3,757.50	3/4	3,954.89
7	167.83	7	444.50	7	721.17	7	997.84	7	1,274.52	7	1,551.19	7	1,827.86	7	2,104.53	7	2,381.20	7	2,657.88	7	2,934.55	7	3,211.22	7	3,487.89	7	3,763.21	7	3,958.91
1/4	173.59	1/4	450.26	1/4	726.94	1/4	1,003.61	1/4	1,280.28	1/4	1,556.95	1/4	1,833.62	1/4	2,110.30	1/4	2,386.97	1/4	2,663.64	1/4	2,940.31	1/4	3,216.98	1/4	3,493.66	1/4	3,768.92	1/4	3,960.00
1/2	179.36	1/2	456.03	1/2	732.70	1/2	1,009.37	1/2	1,286.04	1/2	1,562.72	1/2	1,839.39	1/2	2,116.06	1/2	2,392.73	1/2	2,669.40	1/2	2,946.08	1/2	3,222.75	1/2	3,499.42	1/2	3,774.64	1/2	3,961.82
3/4	185.12	3/4	461.79	3/4	738.46	3/4	1,015.14	3/4	1,291.81	3/4	1,568.48	3/4	1,845.15	3/4	2,121.82	3/4	2,398.50	3/4	2,675.17	3/4	2,951.84	3/4	3,228.51	3/4	3,505.18	3/4	3,780.35	3/4	3,964.00
8	190.88	8	467.56	8	744.23	8	1,020.90	8	1,297.57	8	1,574.24	8	1,850.92	8	2,127.59	8	2,404.26	8	2,680.93	8	2,957.60	8	3,234.28	8	3,510.95	8	3,786.06	8	3,966.00
1/4	196.65	1/4	473.32	1/4	749.99	1/4	1,026.66	1/4	1,303.34	1/4	1,580.01	1/4	1,856.68	1/4	2,133.35	1/4	2,410.02	1/4	2,686.70	1/4	2,963.37	1/4	3,240.04	1/4	3,516.71	1/4	3,791.77	1/4	3,968.00
1/2	202.41	1/2	479.08	1/2	755.76	1/2	1,032.43	1/2	1,309.10	1/2	1,585.77	1/2	1,862.44	1/2															



BARGE "MM-113" MAGNOLIA MARINE

INNAGE TABLE

4 PORT OR STAR

BARGE SHOULD BE ON EVEN-LEVEL KEEL WHEN GAUGES ARE TAKEN

HULL NO. 2157-1

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	* 13.89	0	281.85	0	556.84	0	830.49	0	1,105.82	0	1,381.14	0	1,656.47	0	1,931.80	0	2,207.13	0	2,482.46	0	2,730.52	0	2,891.10	0	3,051.33	0	3,211.55	0	3,371.77
1/4	17.99	1/4	287.58	1/4	562.53	1/4	836.22	1/4	1,111.55	1/4	1,386.88	1/4	1,662.21	1/4	1,937.54	1/4	2,212.86	1/4	2,488.19	1/4	2,734.04	1/4	2,894.44	1/4	3,054.66	1/4	3,214.89	1/4	3,374.86
1/2	22.09	1/2	293.32	1/2	568.23	1/2	841.96	1/2	1,117.29	1/2	1,392.62	1/2	1,667.94	1/2	1,943.27	1/2	2,218.60	1/2	2,493.93	1/2	2,737.55	1/2	2,897.78	1/2	3,058.00	1/2	3,218.23	1/2	3,377.95
3/4	26.19	3/4	299.06	3/4	573.92	3/4	847.70	3/4	1,123.02	3/4	1,398.35	3/4	1,673.68	3/4	1,949.01	3/4	2,224.34	3/4	2,499.66	3/4	2,740.89	3/4	2,901.12	3/4	3,061.34	3/4	3,221.56	3/4	3,381.04
1	30.28	1	304.79	1	579.62	1	853.43	1	1,128.76	1	1,404.09	1	1,679.42	1	1,954.74	1	2,230.07	1	2,505.40	1	2,744.23	1	2,904.45	1	3,064.68	1	3,224.90	1	3,384.13
1/4	35.61	1/4	310.53	1/4	585.31	1/4	859.17	1/4	1,134.50	1/4	1,409.82	1/4	1,685.15	1/4	1,960.48	1/4	2,235.81	1/4	2,511.14	1/4	2,747.57	1/4	2,907.79	1/4	3,068.02	1/4	3,228.24	1/4	3,386.71
1/2	40.94	1/2	316.26	1/2	591.00	1/2	864.90	1/2	1,140.23	1/2	1,415.56	1/2	1,690.89	1/2	1,966.22	1/2	2,241.54	1/2	2,516.87	1/2	2,750.91	1/2	2,911.13	1/2	3,071.35	1/2	3,231.58	1/2	3,389.30
3/4	46.67	3/4	322.00	3/4	596.70	3/4	870.64	3/4	1,145.97	3/4	1,421.30	3/4	1,696.62	3/4	1,971.95	3/4	2,247.28	3/4	2,522.61	3/4	2,754.24	3/4	2,914.47	3/4	3,074.69	3/4	3,234.92	3/4	3,391.88
2	52.41	2	327.74	2	602.39	2	876.38	2	1,151.70	2	1,427.03	2	1,702.36	2	1,977.69	2	2,253.02	2	2,528.34	2	2,757.58	2	2,917.81	2	3,078.03	2	3,238.25	2	3,394.47
1/4	58.14	1/4	333.47	1/4	608.09	1/4	882.11	1/4	1,157.44	1/4	1,432.77	1/4	1,708.10	1/4	1,983.42	1/4	2,258.75	1/4	2,534.08	1/4	2,760.92	1/4	2,921.14	1/4	3,081.37	1/4	3,241.59	1/4	3,396.55
1/2	63.88	1/2	339.21	1/2	613.78	1/2	887.85	1/2	1,163.18	1/2	1,438.50	1/2	1,713.83	1/2	1,989.16	1/2	2,264.49	1/2	2,539.82	1/2	2,764.26	1/2	2,924.48	1/2	3,084.71	1/2	3,244.93	1/2	3,398.64
3/4	69.62	3/4	344.94	3/4	619.47	3/4	893.58	3/4	1,168.91	3/4	1,444.24	3/4	1,719.57	3/4	1,994.90	3/4	2,270.22	3/4	2,545.55	3/4	2,767.60	3/4	2,927.82	3/4	3,088.04	3/4	3,248.27	3/4	3,400.72
3	75.35	3	350.68	3	625.17	3	899.32	3	1,174.65	3	1,449.98	3	1,725.30	3	2,000.63	3	2,275.96	3	2,551.29	3	2,770.93	3	2,931.16	3	3,091.38	3	3,251.61	3	3,402.81
1/4	81.09	1/4	356.42	1/4	630.86	1/4	905.06	1/4	1,180.38	1/4	1,455.71	1/4	1,731.04	1/4	2,006.37	1/4	2,281.70	1/4	2,557.02	1/4	2,774.27	1/4	2,934.50	1/4	3,094.72	1/4	3,254.94	1/4	3,404.39
1/2	86.82	1/2	362.15	1/2	636.56	1/2	910.79	1/2	1,186.12	1/2	1,461.45	1/2	1,736.78	1/2	2,012.10	1/2	2,287.43	1/2	2,562.76	1/2	2,777.61	1/2	2,937.83	1/2	3,098.06	1/2	3,258.28	1/2	3,405.97
3/4	92.56	3/4	367.89	3/4	642.25	3/4	916.53	3/4	1,191.86	3/4	1,467.18	3/4	1,742.51	3/4	2,017.84	3/4	2,293.17	3/4	2,568.50	3/4	2,780.95	3/4	2,941.17	3/4	3,101.40	3/4	3,261.62	3/4	3,407.55
4	98.30	4	373.62	4	647.94	4	922.26	4	1,197.59	4	1,472.92	4	1,748.25	4	2,023.58	4	2,298.90	4	2,574.23	4	2,784.29	4	2,944.51	4	3,104.73	4	3,264.96	4	3,409.13
1/4	104.03	1/4	379.36	1/4	653.64	1/4	928.00	1/4	1,203.33	1/4	1,478.66	1/4	1,753.98	1/4	2,029.31	1/4	2,304.64	1/4	2,579.97	1/4	2,787.62	1/4	2,947.85	1/4	3,108.07	1/4	3,268.30	1/4	3,410.21
1/2	109.77	1/2	385.10	1/2	659.33	1/2	933.74	1/2	1,209.06	1/2	1,484.39	1/2	1,759.72	1/2	2,035.05	1/2	2,310.38	1/2	2,585.70	1/2	2,790.96	1/2	2,951.19	1/2	3,111.41	1/2	3,271.63	1/2	3,411.29
3/4	115.50	3/4	390.83	3/4	665.03	3/4	939.47	3/4	1,214.80	3/4	1,490.13	3/4	1,765.46	3/4	2,040.78	3/4	2,316.11	3/4	2,591.44	3/4	2,794.30	3/4	2,954.52	3/4	3,114.75	3/4	3,274.97	3/4	3,412.37
5	121.24	5	396.57	5	670.72	5	945.21	5	1,220.54	5	1,495.86	5	1,771.19	5	2,046.52	5	2,321.85	5	2,597.18	5	2,797.64	5	2,957.86	5	3,118.09	5	3,278.31	5	3,413.45
1/4	126.98	1/4	402.30	1/4	676.41	1/4	950.94	1/4	1,226.27	1/4	1,501.60	1/4	1,776.93	1/4	2,052.26	1/4	2,327.58	1/4	2,602.91	1/4	2,800.98	1/4	2,961.20	1/4	3,121.42	1/4	3,281.65	1/4	3,414.03
1/2	132.71	1/2	408.04	1/2	682.11	1/2	956.68	1/2	1,232.01	1/2	1,507.34	1/2	1,782.66	1/2	2,057.99	1/2	2,333.32	1/2	2,608.65	1/2	2,804.31	1/2	2,964.54	1/2	3,124.76	1/2	3,284.99	1/2	3,414.61
3/4	138.45	3/4	413.78	3/4	687.80	3/4	962.42	3/4	1,237.74	3/4	1,513.07	3/4	1,788.40	3/4	2,063.73	3/4	2,339.06	3/4	2,614.38	3/4	2,807.65	3/4	2,967.88	3/4	3,128.10	3/4	3,288.32	3/4	3,415.19
6	144.18	6	419.51	6	693.50	6	968.15	6	1,243.48	6	1,518.81	6	1,794.14	6	2,069.46	6	2,344.79	6	2,619.95	6	2,810.99	6	2,971.21	6	3,131.44	6	3,291.66	6	3,415.77
1/4	149.92	1/4	425.25	1/4	699.19	1/4	973.89	1/4	1,249.22	1/4	1,524.54	1/4	1,799.87	1/4	2,075.20	1/4	2,350.53	1/4	2,625.51	1/4	2,814.33	1/4	2,974.55	1/4	3,134.78	1/4	3,295.00	1/4	3,415.90
1/2	155.66	1/2	430.98	1/2	704.88	1/2	979.62	1/2	1,254.95	1/2	1,530.28	1/2	1,805.61	1/2	2,080.94	1/2	2,356.26	1/2	2,631.07	1/2	2,817.67	1/2	2,977.89	1/2	3,138.11	1/2	3,298.34	1/2	3,416.04
3/4	161.39	3/4	436.72	3/4	710.58	3/4	985.36	3/4	1,260.69	3/4	1,536.02	3/4	1,811.34	3/4	2,086.67	3/4	2,362.00	3/4	2,636.63	3/4	2,821.00	3/4	2,981.23	3/4	3,141.45	3/4	3,301.68	3/4	3,416.18
7	167.13	7	442.46	7	716.27	7	991.10	7	1,266.42	7	1,541.75	7	1,817.08	7	2,092.41	7	2,367.74	7	2,641.85	7	2,824.34	7	2,984.57	7	3,144.79	7	3,305.01	7	3,416.31
1/4	172.86	1/4	448.19	1/4	721.97	1/4	996.83	1/4	1,272.16	1/4	1,547.49	1/4	1,822.82	1/4	2,098.14	1/4	2,373.47	1/4	2,647.06	1/4	2,827.68	1/4	2,987.90	1/4	3,148.13	1/4	3,308.35	1/4	3,416.43
1/2	178.60	1/2	453.93	1/2	727.66	1/2	1,002.57	1/2	1,277.90	1/2	1,553.22	1/2	1,828.55	1/2	2,103.88	1/2	2,379.21	1/2	2,652.27	1/2	2,831.02	1/2	2,991.24	1/2	3,151.47	1/2	3,311.69	1/2	3,416.55
3/4	184.34	3/4	459.66	3/4	733.35	3/4	1,008.30	3/4	1,283.63	3/4	1,558.96	3/4	1,834.29	3/4	2,109.62	3/4	2,384.94	3/4	2,657.49	3/4	2,834.36	3/4	2,994.58	3/4	3,154.80	3/4	3,315.03	3/4	3,416.67
8	190.07	8	465.40	8	739.05	8	1,014.04	8	1,289.37	8	1,564.70	8	1,840.02	8	2,115.35	8	2,390.68	8	2,662.35	8	2,837.69	8	2,997.92	8	3,158.14	8	3,318.37	8	3,416.79
1/4	195.81	1/4	471.14	1/4	744.74	1/4	1,019.78	1/4	1,295.10	1/4	1,570.43	1/4	1,845.76	1/4	2,121.09	1/4	2,396.42	1/4	2,667.22	1/4	2,841.03	1/4	2,997.92	1/4	3,161.48	1/4	3,321.70	1/4	3,416.90
1/2	201.54	1/2	476.87	1/2	750.44	1/2	1,025.51	1/2	1,300.84	1/2	1,576.17	1/2	1,851.50	1/2	2,126.82														