



# BARGE "MM-33" MAGNOLIA MARINE

## OUTAGE TABLE

# 1 PORT OR STAR

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

HULL NO. 4587

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.	
0	0	2,689.30	0	2,454.74	0	2,201.73	0	1,948.72	0	1,695.71	0	1,442.70	0	1,189.70	0	936.69	0	683.68	0	430.67	0	192.13	0		0				
1/4	1/4	2,686.54	1/4	2,449.47	1/4	2,196.46	1/4	1,943.45	1/4	1,690.44	1/4	1,437.43	1/4	1,184.43	1/4	931.42	1/4	678.41	1/4	425.40	1/4	187.39	1/4		1/4				
1/2	1/2	2,682.77	1/2	2,444.19	1/2	2,191.19	1/2	1,938.18	1/2	1,685.17	1/2	1,432.16	1/2	1,179.15	1/2	926.15	1/2	673.14	1/2	420.13	1/2	182.65	1/2		1/2				
3/4	3/4	2,678.99	3/4	2,438.92	3/4	2,185.92	3/4	1,932.91	3/4	1,679.90	3/4	1,426.89	3/4	1,173.88	3/4	920.88	3/4	667.87	3/4	414.86	3/4	177.91	3/4		3/4				
1	1	2,675.22	1	2,433.65	1	2,180.64	1	1,927.64	1	1,674.63	1	1,421.62	1	1,168.61	1	915.60	1	662.60	1	409.73	1	173.46	1		1				
1/4	1/4	2,671.45	1/4	2,428.38	1/4	2,175.37	1/4	1,922.37	1/4	1,669.36	1/4	1,416.35	1/4	1,163.34	1/4	910.33	1/4	657.33	1/4	404.60	1/4	169.02	1/4		1/4				
1/2	1/2	2,667.68	1/2	2,423.11	1/2	2,170.10	1/2	1,917.09	1/2	1,664.09	1/2	1,411.08	1/2	1,158.07	1/2	905.06	1/2	652.05	1/2	399.47	1/2	164.58	1/2		1/2				
3/4	3/4	2,663.91	3/4	2,417.84	3/4	2,164.83	3/4	1,911.82	3/4	1,658.82	3/4	1,405.81	3/4	1,152.80	3/4	899.79	3/4	646.78	3/4	394.34	3/4	160.14	3/4		3/4				
2	2	2,660.13	2	2,412.57	2	2,159.56	2	1,906.55	2	1,653.54	2	1,400.54	2	1,147.53	2	894.52	2	641.51	2	389.20	2	155.69	2		2				
1/4	1/4	2,656.36	1/4	2,407.30	1/4	2,154.29	1/4	1,901.28	1/4	1,648.27	1/4	1,395.27	1/4	1,142.26	1/4	889.25	1/4	636.24	1/4	384.07	1/4	151.25	1/4		1/4				
1/2	1/2	2,652.47	1/2	2,402.03	1/2	2,149.02	1/2	1,896.01	1/2	1,643.00	1/2	1,389.99	1/2	1,136.99	1/2	883.98	1/2	630.97	1/2	378.94	1/2	146.81	1/2		1/2				
3/4	3/4	2,646.81	3/4	2,396.76	3/4	2,143.75	3/4	1,890.74	3/4	1,637.73	3/4	1,384.72	3/4	1,131.72	3/4	878.71	3/4	625.70	3/4	373.81	3/4	142.36	3/4		3/4				
3	3	2,642.03	3	2,391.48	3	2,138.48	3	1,885.47	3	1,632.46	3	1,379.45	3	1,126.44	3	873.44	3	620.43	3	368.68	3	137.92	3		3				
1/4	1/4	2,637.25	1/4	2,386.21	1/4	2,133.21	1/4	1,880.20	1/4	1,627.19	1/4	1,374.18	1/4	1,121.17	1/4	868.17	1/4	615.16	1/4	363.55	1/4	133.48	1/4		1/4				
1/2	1/2	2,632.47	1/2	2,380.94	1/2	2,127.93	1/2	1,874.93	1/2	1,621.92	1/2	1,368.91	1/2	1,115.90	1/2	862.89	1/2	609.89	1/2	358.42	1/2	129.03	1/2		1/2				
3/4	3/4	2,627.69	3/4	2,375.67	3/4	2,122.66	3/4	1,869.66	3/4	1,616.65	3/4	1,363.64	3/4	1,110.63	3/4	857.62	3/4	604.62	3/4	353.29	3/4	124.59	3/4		3/4				
4	4	2,622.92	4	2,370.40	4	2,117.39	4	1,864.38	4	1,611.38	4	1,358.37	4	1,105.36	4	852.35	4	599.34	4	348.16	4	120.15	4		4				
1/4	1/4	2,618.14	1/4	2,365.13	1/4	2,112.12	1/4	1,859.11	1/4	1,606.11	1/4	1,353.10	1/4	1,100.09	1/4	847.08	1/4	594.07	1/4	343.03	1/4	115.71	1/4		1/4				
1/2	1/2	2,612.87	1/2	2,359.86	1/2	2,106.85	1/2	1,853.84	1/2	1,600.83	1/2	1,347.83	1/2	1,094.82	1/2	841.81	1/2	588.80	1/2	337.89	1/2	111.26	1/2		1/2				
3/4	3/4	2,607.60	3/4	2,354.59	3/4	2,101.58	3/4	1,848.57	3/4	1,595.56	3/4	1,342.56	3/4	1,089.55	3/4	836.54	3/4	583.53	3/4	332.76	3/4	106.82	3/4		3/4				
5	5	2,602.33	5	2,349.32	5	2,096.31	5	1,843.30	5	1,590.29	5	1,337.28	5	1,084.28	5	831.27	5	578.26	5	327.63	5	102.38	5		5				
1/4	1/4	2,597.58	1/4	2,344.05	1/4	2,091.04	1/4	1,838.03	1/4	1,585.02	1/4	1,332.01	1/4	1,079.01	1/4	826.00	1/4	572.99	1/4	322.50	1/4	97.93	1/4		1/4				
1/2	1/2	2,591.78	1/2	2,338.77	1/2	2,085.77	1/2	1,832.76	1/2	1,579.75	1/2	1,326.74	1/2	1,073.73	1/2	820.73	1/2	567.72	1/2	317.37	1/2	93.49	1/2		1/2				
3/4	3/4	2,585.51	3/4	2,333.50	3/4	2,080.50	3/4	1,827.49	3/4	1,574.48	3/4	1,321.47	3/4	1,068.46	3/4	815.46	3/4	562.45	3/4	312.24	3/4	89.05	3/4		3/4				
6	6	2,578.90	6	2,328.23	6	2,075.22	6	1,822.22	6	1,569.21	6	1,316.20	6	1,063.19	6	810.18	6	557.18	6	307.11	6	84.60	6		6				
1/4	1/4	2,572.78	1/4	2,322.96	1/4	2,069.95	1/4	1,816.95	1/4	1,563.94	1/4	1,310.93	1/4	1,057.92	1/4	804.91	1/4	551.91	1/4	301.98	1/4	80.16	1/4		1/4				
1/2	1/2	2,567.02	1/2	2,317.69	1/2	2,064.68	1/2	1,811.67	1/2	1,558.67	1/2	1,305.66	1/2	1,052.65	1/2	799.64	1/2	546.63	1/2	296.85	1/2	75.72	1/2		1/2				
3/4	3/4	2,561.25	3/4	2,312.42	3/4	2,059.41	3/4	1,806.40	3/4	1,553.40	3/4	1,300.39	3/4	1,047.38	3/4	794.37	3/4	541.36	3/4	291.72	3/4	71.28	3/4		3/4				
7	7	2,556.16	7	2,307.15	7	2,054.14	7	1,801.13	7	1,548.12	7	1,295.12	7	1,042.11	7	789.10	7	536.09	7	286.97	7	67.13	7		7				
1/4	1/4	2,550.49	1/4	2,301.88	1/4	2,048.87	1/4	1,795.86	1/4	1,542.85	1/4	1,289.85	1/4	1,036.84	1/4	783.83	1/4	530.82	1/4	282.23	1/4	62.99	1/4		1/4				
1/2	1/2	2,544.72	1/2	2,296.61	1/2	2,043.60	1/2	1,790.59	1/2	1,537.58	1/2	1,284.57	1/2	1,031.57	1/2	778.56	1/2	525.55	1/2	277.49	1/2	58.85	1/2		1/2				
3/4	3/4	2,538.95	3/4	2,291.34	3/4	2,038.33	3/4	1,785.32	3/4	1,532.31	3/4	1,279.30	3/4	1,026.30	3/4	773.29	3/4	520.28	3/4	272.75	3/4	54.70	3/4		3/4				
8	8	2,533.18	8	2,286.06	8	2,033.06	8	1,780.05	8	1,527.04	8	1,274.03	8	1,021.02	8	768.02	8	515.01	8	268.01	8	50.56	8		8				
1/4	1/4	2,527.41	1/4	2,280.79	1/4	2,027.79	1/4	1,774.78	1/4	1,521.77	1/4	1,268.76	1/4	1,015.75	1/4	762.75	1/4	509.74	1/4	263.26	1/4	46.42	1/4		1/4				
1/2	1/2	2,521.64	1/2	2,275.52	1/2	2,022.51	1/2	1,769.51	1/2	1,516.50	1/2	1,263.49	1/2	1,010.48	1/2	757.47	1/2	504.47	1/2	258.52	1/2	42.27	1/2		1/2				
3/4	3/4	2,515.87	3/4	2,270.25	3/4	2,017.24	3/4	1,764.24	3/4	1,511.23	3/4	1,258.22	3/4	1,005.21	3/4	752.20	3/4	499.20	3/4	253.78	3/4	38.13	3/4		3/4				
9	9	2,510.00	9	2,264.98	9	2,011.97	9	1,758.96	9	1,505.96	9	1,252.95	9	999.94	9	746.93	9	493.92	9	249.04	9	34.44	9		9				
1/4	1/4	2,504.23	1/4	2,259.71	1/4	2,006.70	1/4	1,753.69	1/4	1,500.69	1/4	1,247.68	1/4	994.67	1/4	741.66	1/4	488.65	1/4	244.30	1/4	30.75	1/4		1/4				
1/2	1/2	2,498.46	1/2	2,254.44	1/2	2,001.43	1/2	1,748.42	1/2	1,495.41	1/2	1,242.41	1/2	989.40	1/2	736.39	1/2	483.38	1/2	239.55	1/2	27.06	1/2		1/2				
3/4	3/4	2,492.69	3/4	2,249.17	3/4	1,996.16	3/4	1,743.15	3/4	1,490.14	3/4	1,237.14	3/4	984.13	3/4	731.12	3/4	478.11	3/4	234.81	3/4	23.06	3/4		3/4				
10	10	2,486.92	10	2,243.90	10	1,990.89	10	1,737.88	10	1,484.87	10	1,231.86	10	978.86	10	725.85	10	472.84	10	230.07	10	20.57	10		10				
1/4	1/4	2,481.15	1/4	2,238.63	1/4	1,985.62	1/4	1,732.61	1/4	1,479.60	1/4	1,226.59	1/4	973.59	1/4	720.58	1/4	467.57	1/4	225.33	1/4	17.78	1/4		1/4				
1/2	1/2	2,475.38	1/2	2,233.35	1/2	1,980.35	1/2	1,727.34	1/2	1,474.33	1/2	1,221.32	1/2	968.31	1/2	715.31	1/2	462.30	1/2	220.59	1/2	14.99	1/2		1/2				
3/4	3/4	2,469.61	3/4	2,228.08	3/4	1,975.08	3/4	1,722.07	3/4	1,469.06	3/4	1,216.05	3/4	963.04	3/4	710.04	3/4	457.03	3/4	215.84	3/4	12.20	3/4		3/4				
11	11	2,463.84	11	2,222.81																									



# BARGE "MM-33" MAGNOLIA MARINE

## OUTAGE TABLE

2 PORT

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

HULL NO. 4587

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.		
0	0	2,993.28	0	2,731.51	0	2,453.97	0	2,176.43	0	1,898.90	0	1,621.36	0	1,343.83	0	1,066.29	0	788.75	0	511.22	0	233.91	0	0	0	0	0	0	0	
1/4	1/4	2,989.14	1/4	2,725.72	1/4	2,448.19	1/4	2,170.65	1/4	1,893.12	1/4	1,615.58	1/4	1,338.04	1/4	1,060.51	1/4	782.97	1/4	505.44	1/4	228.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	2,985.00	1/2	2,719.94	1/2	2,442.41	1/2	2,164.87	1/2	1,887.33	1/2	1,609.80	1/2	1,332.26	1/2	1,054.73	1/2	777.19	1/2	499.65	1/2	222.50	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	2,980.86	3/4	2,714.16	3/4	2,436.62	3/4	2,159.09	3/4	1,881.55	3/4	1,604.02	3/4	1,326.48	3/4	1,048.94	3/4	771.41	3/4	493.87	3/4	216.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1	1	2,976.71	1	2,708.38	1	2,430.84	1	2,153.31	1	1,875.77	1	1,598.23	1	1,320.70	1	1,043.16	1	765.63	1	488.09	1	211.09	1	1	1	1	1	1	1	
1/4	1/4	2,972.57	1/4	2,702.60	1/4	2,425.06	1/4	2,147.52	1/4	1,869.99	1/4	1,592.45	1/4	1,314.92	1/4	1,037.38	1/4	759.84	1/4	482.31	1/4	205.38	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	2,968.43	1/2	2,696.81	1/2	2,419.28	1/2	2,141.74	1/2	1,864.21	1/2	1,586.67	1/2	1,309.13	1/2	1,031.60	1/2	754.06	1/2	476.53	1/2	199.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	2,964.29	3/4	2,691.03	3/4	2,413.50	3/4	2,135.96	3/4	1,858.42	3/4	1,580.89	3/4	1,303.35	3/4	1,025.82	3/4	748.28	3/4	470.74	3/4	193.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
2	2	2,959.04	2	2,685.25	2	2,407.71	2	2,130.18	2	1,852.64	2	1,575.11	2	1,297.57	2	1,020.03	2	742.50	2	464.96	2	188.26	2	2	2	2	2	2	2	
1/4	1/4	2,953.79	1/4	2,679.47	1/4	2,401.93	1/4	2,124.40	1/4	1,846.86	1/4	1,569.32	1/4	1,291.79	1/4	1,014.25	1/4	736.72	1/4	459.18	1/4	182.56	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	2,948.55	1/2	2,673.69	1/2	2,396.15	1/2	2,118.61	1/2	1,841.08	1/2	1,563.54	1/2	1,286.01	1/2	1,008.47	1/2	730.93	1/2	453.40	1/2	176.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	2,943.30	3/4	2,667.90	3/4	2,390.37	3/4	2,112.83	3/4	1,835.30	3/4	1,557.76	3/4	1,280.22	3/4	1,002.69	3/4	725.15	3/4	447.62	3/4	171.14	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
3	3	2,938.05	3	2,662.12	3	2,384.59	3	2,107.05	3	1,829.51	3	1,551.98	3	1,274.44	3	996.91	3	719.37	3	441.83	3	165.44	3	3	3	3	3	3	3	
1/4	1/4	2,932.81	1/4	2,656.34	1/4	2,378.80	1/4	2,101.27	1/4	1,823.73	1/4	1,546.20	1/4	1,268.66	1/4	991.12	1/4	713.59	1/4	436.05	1/4	159.73	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	2,927.56	1/2	2,650.56	1/2	2,373.02	1/2	2,095.49	1/2	1,817.95	1/2	1,540.41	1/2	1,262.88	1/2	985.34	1/2	707.81	1/2	430.27	1/2	154.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	2,922.31	3/4	2,644.78	3/4	2,367.24	3/4	2,089.70	3/4	1,812.17	3/4	1,534.63	3/4	1,257.10	3/4	979.56	3/4	702.02	3/4	424.49	3/4	148.32	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
4	4	2,916.53	4	2,638.99	4	2,361.46	4	2,083.92	4	1,806.39	4	1,528.85	4	1,251.31	4	973.78	4	696.24	4	418.71	4	142.61	4	4	4	4	4	4	4	
1/4	1/4	2,910.75	1/4	2,633.21	1/4	2,355.68	1/4	2,078.14	1/4	1,800.60	1/4	1,523.07	1/4	1,245.53	1/4	968.00	1/4	690.46	1/4	412.92	1/4	136.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2	1/2	2,904.97	1/2	2,627.43	1/2	2,349.89	1/2	2,072.36	1/2	1,794.82	1/2	1,517.29	1/2	1,239.75	1/2	962.21	1/2	684.68	1/2	407.14	1/2	131.20	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4	3/4	2,899.18	3/4	2,621.65	3/4	2,344.11	3/4	2,066.58	3/4	1,789.04	3/4	1,511.50	3/4	1,233.97	3/4	956.43	3/4	678.90	3/4	401.36	3/4	125.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
5	5	2,893.40	5	2,615.87	5	2,338.33	5	2,060.79	5	1,783.26	5	1,505.72	5	1,228.19	5	950.65	5	673.11	5	395.58	5	119.79	5	5	5	5	5	5	5	
1/4	3,044.09	1/4	2,887.62	1/4	2,610.08	1/4	2,332.55	1/4	2,055.01	1/4	1,777.48	1/4	1,499.94	1/4	1,222.40	1/4	944.87	1/4	667.33	1/4	389.80	1/4	114.08	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,043.95	1/2	2,881.84	1/2	2,604.30	1/2	2,326.77	1/2	2,049.23	1/2	1,771.69	1/2	1,494.16	1/2	1,216.62	1/2	939.09	1/2	661.55	1/2	384.01	1/2	108.38	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,043.82	3/4	2,876.06	3/4	2,598.52	3/4	2,320.98	3/4	2,043.45	3/4	1,765.91	3/4	1,488.38	3/4	1,210.84	3/4	933.30	3/4	655.77	3/4	378.23	3/4	102.67	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	3,042.99	6	2,870.27	6	2,592.74	6	2,315.20	6	2,037.67	6	1,760.13	6	1,482.59	6	1,205.06	6	927.52	6	649.99	6	372.45	6	96.97	6	6	6	6	6	6	6
1/4	3,042.16	1/4	2,864.49	1/4	2,586.96	1/4	2,309.42	1/4	2,031.88	1/4	1,754.35	1/4	1,476.81	1/4	1,199.28	1/4	921.74	1/4	644.20	1/4	366.67	1/4	91.26	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,041.33	1/2	2,858.71	1/2	2,581.17	1/2	2,303.64	1/2	2,026.10	1/2	1,748.57	1/2	1,471.03	1/2	1,193.49	1/2	915.96	1/2	638.42	1/2	360.89	1/2	85.55	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,040.50	3/4	2,852.93	3/4	2,575.39	3/4	2,297.86	3/4	2,020.32	3/4	1,742.78	3/4	1,465.25	3/4	1,187.71	3/4	910.18	3/4	632.64	3/4	355.10	3/4	79.85	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	3,039.68	7	2,847.15	7	2,569.61	7	2,292.07	7	2,014.54	7	1,737.00	7	1,459.47	7	1,181.93	7	904.39	7	626.86	7	349.32	7	74.14	7	7	7	7	7	7	7
1/4	3,038.85	1/4	2,841.36	1/4	2,563.83	1/4	2,286.29	1/4	2,008.76	1/4	1,731.22	1/4	1,453.68	1/4	1,176.15	1/4	898.61	1/4	621.08	1/4	343.54	1/4	68.44	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,038.02	1/2	2,835.58	1/2	2,558.05	1/2	2,280.51	1/2	2,002.97	1/2	1,725.44	1/2	1,447.90	1/2	1,170.37	1/2	892.83	1/2	615.29	1/2	337.76	1/2	62.73	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,037.19	3/4	2,829.80	3/4	2,552.26	3/4	2,274.73	3/4	1,997.19	3/4	1,719.66	3/4	1,442.12	3/4	1,164.58	3/4	887.05	3/4	609.51	3/4	331.98	3/4	57.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	3,035.26	8	2,824.02	8	2,546.48	8	2,268.95	8	1,991.41	8	1,713.87	8	1,436.34	8	1,158.80	8	881.27	8	603.73	8	326.19	8	51.32	8	8	8	8	8	8	8
1/4	3,033.33	1/4	2,818.24	1/4	2,540.70	1/4	2,263.16	1/4	1,985.63	1/4	1,708.09	1/4	1,430.56	1/4	1,153.02	1/4	875.48	1/4	597.95	1/4	320.41	1/4	45.61	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,031.39	1/2	2,812.45	1/2	2,534.92	1/2	2,257.38	1/2	1,979.85	1/2	1,702.31	1/2	1,424.77	1/2	1,147.24	1/2	869.70	1/2	592.17	1/2	314.63	1/2	40.63	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,029.46	3/4	2,806.67	3/4	2,529.14	3/4	2,251.60	3/4	1,974.06	3/4	1,696.53	3/4	1,418.99	3/4	1,141.46	3/4	863.92	3/4	586.38	3/4	308.85	3/4	35.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	3,027.53	9	2,800.89	9	2,523.35	9	2,245.82	9	1,968.28	9	1,690.75	9	1,413.21	9	1,135.67	9	858.14	9	580.60	9	303.07	9	30.67	9	9	9	9	9	9	9
1/4	3,025.59	1/4	2,795.11	1/4	2,517.57	1/4	2,240.04	1/4	1,962.50	1/4	1,684.96	1/4	1,407.43	1/4	1,129.89	1/4	852.36	1/4	574.82	1/4	297.28	1/4	25.69	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	3,023.66	1/2	2,789.33	1/2	2,511.79	1/2	2,234.25	1/2	1,956.72	1/2	1,679.18	1/2	1,401.65	1/2	1,124.11	1/2	846.57	1/2	569.04	1/2	291.50	1/2	22.16	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3,021.73	3/4	2,783.54	3/4	2,506.01	3/4	2,228.47	3/4	1,950.94	3/4	1,673.40	3/4	1,395.86	3/4	1,118.33	3/4	840.79	3/4	563.26	3/4	285.72	3/4	18.63	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	3,018.69	10	2,777.76	10	2,500.23	10	2,222.69	10	1,945.15	10	1,667.62	10	1,390.08	10																



# BARGE "MM-33" MAGNOLIA MARINE

## OUTAGE TABLE

2 STAR

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

HULL NO. 4587

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.	
0	0	2,997.42	0	2,737.29	0	2,459.75	0	2,182.22	0	1,904.68	0	1,627.14	0	1,349.61	0	1,072.07	0	794.54	0	517.00	0	239.62	0		0		0		0
1/4	1/4	2,993.28	1/4	2,731.51	1/4	2,453.97	1/4	2,176.43	1/4	1,898.90	1/4	1,621.36	1/4	1,343.83	1/4	1,066.29	1/4	788.75	1/4	511.22	1/4	233.91	1/4		1/4		1/4		1/4
1/2	1/2	2,989.14	1/2	2,725.72	1/2	2,448.19	1/2	2,170.65	1/2	1,893.12	1/2	1,615.58	1/2	1,338.04	1/2	1,060.51	1/2	782.97	1/2	505.44	1/2	228.20	1/2		1/2		1/2		1/2
3/4	3/4	2,985.00	3/4	2,719.94	3/4	2,442.41	3/4	2,164.87	3/4	1,887.33	3/4	1,609.80	3/4	1,332.26	3/4	1,054.73	3/4	777.19	3/4	499.65	3/4	222.50	3/4		3/4		3/4		3/4
1	1	2,980.86	1	2,714.16	1	2,436.62	1	2,159.09	1	1,881.55	1	1,604.02	1	1,326.48	1	1,048.94	1	771.41	1	493.87	1	216.79	1		1		1		1
1/4	1/4	2,976.71	1/4	2,708.38	1/4	2,430.84	1/4	2,153.31	1/4	1,875.77	1/4	1,598.23	1/4	1,320.70	1/4	1,043.16	1/4	765.63	1/4	488.09	1/4	211.09	1/4		1/4		1/4		1/4
1/2	1/2	2,972.57	1/2	2,702.60	1/2	2,425.06	1/2	2,147.52	1/2	1,869.99	1/2	1,592.45	1/2	1,314.92	1/2	1,037.38	1/2	759.84	1/2	482.31	1/2	205.38	1/2		1/2		1/2		1/2
3/4	3/4	2,968.43	3/4	2,696.81	3/4	2,419.28	3/4	2,141.74	3/4	1,864.21	3/4	1,586.67	3/4	1,309.13	3/4	1,031.60	3/4	754.06	3/4	476.53	3/4	199.67	3/4		3/4		3/4		3/4
2	2	2,964.29	2	2,691.03	2	2,413.50	2	2,135.96	2	1,858.42	2	1,580.89	2	1,303.35	2	1,025.82	2	748.28	2	470.74	2	193.97	2		2		2		2
1/4	1/4	2,959.04	1/4	2,685.25	1/4	2,407.71	1/4	2,130.18	1/4	1,852.64	1/4	1,575.11	1/4	1,297.57	1/4	1,020.03	1/4	742.50	1/4	464.96	1/4	188.26	1/4		1/4		1/4		1/4
1/2	1/2	2,953.79	1/2	2,679.47	1/2	2,401.93	1/2	2,124.40	1/2	1,846.86	1/2	1,569.32	1/2	1,291.79	1/2	1,014.25	1/2	736.72	1/2	459.18	1/2	182.56	1/2		1/2		1/2		1/2
3/4	3/4	2,948.55	3/4	2,673.89	3/4	2,396.15	3/4	2,118.61	3/4	1,841.08	3/4	1,563.54	3/4	1,286.01	3/4	1,008.47	3/4	730.93	3/4	453.40	3/4	176.85	3/4		3/4		3/4		3/4
3	3	2,943.30	3	2,667.90	3	2,390.37	3	2,112.83	3	1,835.30	3	1,557.76	3	1,280.22	3	1,002.69	3	725.15	3	447.62	3	171.14	3		3		3		3
1/4	1/4	2,938.05	1/4	2,662.12	1/4	2,384.59	1/4	2,107.05	1/4	1,829.51	1/4	1,551.98	1/4	1,274.44	1/4	996.91	1/4	719.37	1/4	441.83	1/4	165.44	1/4		1/4		1/4		1/4
1/2	1/2	2,932.81	1/2	2,656.34	1/2	2,378.80	1/2	2,101.27	1/2	1,823.73	1/2	1,546.20	1/2	1,268.66	1/2	991.12	1/2	713.59	1/2	436.05	1/2	159.73	1/2		1/2		1/2		1/2
3/4	3/4	2,927.56	3/4	2,650.56	3/4	2,373.02	3/4	2,095.49	3/4	1,817.95	3/4	1,540.41	3/4	1,262.88	3/4	985.34	3/4	707.81	3/4	430.27	3/4	154.03	3/4		3/4		3/4		3/4
4	4	2,922.31	4	2,644.78	4	2,367.24	4	2,089.70	4	1,812.17	4	1,534.63	4	1,257.10	4	979.56	4	702.02	4	424.49	4	148.32	4		4		4		4
1/4	1/4	2,916.53	1/4	2,638.99	1/4	2,361.46	1/4	2,083.92	1/4	1,806.39	1/4	1,528.85	1/4	1,251.31	1/4	973.78	1/4	696.24	1/4	418.71	1/4	142.61	1/4		1/4		1/4		1/4
1/2	1/2	2,910.75	1/2	2,633.21	1/2	2,355.68	1/2	2,078.14	1/2	1,800.60	1/2	1,523.07	1/2	1,245.53	1/2	968.00	1/2	690.46	1/2	412.92	1/2	136.91	1/2		1/2		1/2		1/2
3/4	3/4	2,904.97	3/4	2,627.43	3/4	2,349.89	3/4	2,072.36	3/4	1,794.82	3/4	1,517.29	3/4	1,239.75	3/4	962.21	3/4	684.68	3/4	407.14	3/4	131.20	3/4		3/4		3/4		3/4
5	5	2,899.18	5	2,621.65	5	2,344.11	5	2,066.58	5	1,789.04	5	1,511.50	5	1,233.97	5	956.43	5	678.90	5	401.36	5	125.50	5		5		5		5
1/4	1/4	2,893.40	1/4	2,615.87	1/4	2,338.33	1/4	2,060.79	1/4	1,783.26	1/4	1,505.72	1/4	1,228.19	1/4	950.65	1/4	673.11	1/4	395.58	1/4	119.79	1/4		1/4		1/4		1/4
1/2	1/2	3,044.09	1/2	2,887.82	1/2	2,610.08	1/2	2,332.55	1/2	2,055.01	1/2	1,777.48	1/2	1,499.94	1/2	944.87	1/2	667.33	1/2	389.80	1/2	114.08	1/2		1/2		1/2		1/2
3/4	3/4	3,043.95	3/4	2,881.84	3/4	2,604.30	3/4	2,326.77	3/4	2,049.23	3/4	1,771.69	3/4	1,494.16	3/4	939.09	3/4	661.55	3/4	384.01	3/4	108.38	3/4		3/4		3/4		3/4
6	6	3,043.82	6	2,876.06	6	2,598.52	6	2,320.98	6	2,043.45	6	1,765.91	6	1,488.38	6	933.30	6	655.77	6	378.23	6	102.67	6		6		6		6
1/4	1/4	3,042.99	1/4	2,870.27	1/4	2,592.74	1/4	2,315.20	1/4	2,037.67	1/4	1,760.13	1/4	1,482.59	1/4	927.52	1/4	649.99	1/4	372.45	1/4	96.97	1/4		1/4		1/4		1/4
1/2	1/2	3,042.16	1/2	2,864.49	1/2	2,586.96	1/2	2,309.42	1/2	2,031.88	1/2	1,754.35	1/2	1,476.81	1/2	921.74	1/2	644.20	1/2	366.67	1/2	91.26	1/2		1/2		1/2		1/2
3/4	3/4	3,041.33	3/4	2,858.71	3/4	2,581.17	3/4	2,303.64	3/4	2,026.10	3/4	1,748.57	3/4	1,471.03	3/4	915.96	3/4	638.42	3/4	360.89	3/4	85.55	3/4		3/4		3/4		3/4
7	7	3,040.50	7	2,852.93	7	2,575.39	7	2,297.86	7	2,020.32	7	1,742.78	7	1,465.25	7	910.18	7	632.64	7	355.10	7	79.85	7		7		7		7
1/4	1/4	3,039.68	1/4	2,847.15	1/4	2,569.61	1/4	2,292.07	1/4	2,014.54	1/4	1,737.00	1/4	1,459.47	1/4	904.39	1/4	626.86	1/4	349.32	1/4	74.14	1/4		1/4		1/4		1/4
1/2	1/2	3,038.85	1/2	2,841.36	1/2	2,563.83	1/2	2,286.29	1/2	2,008.76	1/2	1,731.22	1/2	1,453.68	1/2	898.61	1/2	621.08	1/2	343.54	1/2	68.44	1/2		1/2		1/2		1/2
3/4	3/4	3,038.02	3/4	2,835.58	3/4	2,558.05	3/4	2,280.51	3/4	2,002.97	3/4	1,725.44	3/4	1,447.90	3/4	892.83	3/4	615.29	3/4	337.76	3/4	62.73	3/4		3/4		3/4		3/4
8	8	3,037.19	8	2,829.80	8	2,552.26	8	2,274.73	8	1,997.19	8	1,719.66	8	1,442.12	8	887.05	8	609.51	8	331.98	8	57.02	8		8		8		8
1/4	1/4	3,035.26	1/4	2,824.02	1/4	2,546.48	1/4	2,268.95	1/4	1,991.41	1/4	1,713.87	1/4	1,436.34	1/4	881.27	1/4	603.73	1/4	326.19	1/4	51.32	1/4		1/4		1/4		1/4
1/2	1/2	3,033.33	1/2	2,818.24	1/2	2,540.70	1/2	2,263.16	1/2	1,985.63	1/2	1,708.09	1/2	1,430.56	1/2	875.48	1/2	597.95	1/2	320.41	1/2	45.61	1/2		1/2		1/2		1/2
3/4	3/4	3,031.39	3/4	2,812.45	3/4	2,534.92	3/4	2,257.38	3/4	1,979.85	3/4	1,702.31	3/4	1,424.77	3/4	869.70	3/4	592.17	3/4	314.63	3/4	40.63	3/4		3/4		3/4		3/4
9	9	3,029.46	9	2,806.67	9	2,529.14	9	2,251.60	9	1,974.06	9	1,696.53	9	1,418.99	9	1,141.46	9	863.92	9	586.38	9	308.85	9		9		9		9
1/4	1/4	3,027.53	1/4	2,800.89	1/4	2,523.35	1/4	2,245.82	1/4	1,968.28	1/4	1,690.75	1/4	1,413.21	1/4	1,135.67	1/4	858.14	1/4	580.60	1/4	303.07	1/4		1/4		1/4		1/4
1/2	1/2	3,025.59	1/2	2,795.11	1/2	2,517.57	1/2	2,240.04	1/2	1,962.50	1/2	1,684.96	1/2	1,407.43	1/2	1,129.89	1/2	852.36	1/2	574.82	1/2	297.28	1/2		1/2		1/2		1/2
3/4	3/4	3,023.66	3/4	2,789.33	3/4	2,511.79	3/4	2,234.25	3/4	1,956.72	3/4	1,679.18	3/4	1,401.65	3/4	1,124.11	3/4	846.57	3/4	569.04	3/4	291.50	3/4		3/4		3/4		3/4
10	10	3,021.73	10	2,783.54	10	2,506.01	10	2,228.47	10	1,950.94	10	1,673.40	10	1,395.86	10	1,118.33	10	840.79	10	563.26	10	285.72	10		10		10		10
1/4	1/4	3,018.69	1/4	2,777.76	1/4	2,500.23	1/4	2,222.69	1/4	1,945.15	1/4	1,667.62	1/4	1,390.08	1/4	1,112.55	1/4	835.01	1/4	557.47	1/4	279.94	1/4		1/4		1/4		1/4
1/2	1/2	3,015.65	1/2	2,771.98	1/2	2,494.44	1/2	2,216.91	1/2	1,939.37	1/2	1,661.84	1/2	1,384.30	1/2	1,106.76	1/2	829.23	1/2	551.69	1/2	274.16	1/2						



# BARGE "MM-33" MAGNOLIA MARINE

## OUTAGE TABLE

# 3 PORT OR STAR

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

HULL NO. 4587

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.	
0	0	2,956.53	0	2,700.09	0	2,426.25	0	2,152.41	0	1,878.57	0	1,604.73	0	1,330.89	0	1,057.05	0	783.21	0	509.37	0	235.71	0		0		0		0
1/4	1/4	2,952.46	1/4	2,694.39	1/4	2,420.55	1/4	2,146.71	1/4	1,872.87	1/4	1,599.03	1/4	1,325.19	1/4	1,051.35	1/4	777.51	1/4	503.67	1/4	230.10	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,948.38	1/2	2,688.68	1/2	2,414.84	1/2	2,141.00	1/2	1,867.16	1/2	1,593.32	1/2	1,319.48	1/2	1,045.64	1/2	771.80	1/2	497.96	1/2	224.49	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,944.31	3/4	2,682.98	3/4	2,409.14	3/4	2,135.30	3/4	1,861.46	3/4	1,587.62	3/4	1,313.78	3/4	1,039.94	3/4	766.10	3/4	492.26	3/4	218.88	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	2,940.23	1	2,677.27	1	2,403.43	1	2,129.59	1	1,855.75	1	1,581.91	1	1,308.07	1	1,034.23	1	760.39	1	486.55	1	213.26	1	1	1	1	1	1	1
1/4	1/4	2,936.16	1/4	2,671.57	1/4	2,397.73	1/4	2,123.89	1/4	1,850.05	1/4	1,576.21	1/4	1,302.37	1/4	1,028.53	1/4	754.69	1/4	480.85	1/4	207.65	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,932.09	1/2	2,665.86	1/2	2,392.02	1/2	2,118.18	1/2	1,844.34	1/2	1,570.50	1/2	1,296.66	1/2	1,022.82	1/2	748.98	1/2	475.14	1/2	202.04	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,928.01	3/4	2,660.16	3/4	2,386.32	3/4	2,112.48	3/4	1,838.64	3/4	1,564.80	3/4	1,290.96	3/4	1,017.12	3/4	743.28	3/4	469.44	3/4	196.42	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2,923.94	2	2,654.45	2	2,380.61	2	2,106.77	2	1,832.93	2	1,559.09	2	1,285.25	2	1,011.41	2	737.57	2	463.73	2	190.81	2	2	2	2	2	2	2
1/4	1/4	2,918.78	1/4	2,648.75	1/4	2,374.91	1/4	2,101.07	1/4	1,827.23	1/4	1,553.39	1/4	1,279.55	1/4	1,005.71	1/4	731.87	1/4	458.03	1/4	185.20	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,913.62	1/2	2,643.04	1/2	2,369.20	1/2	2,095.36	1/2	1,821.52	1/2	1,547.68	1/2	1,273.84	1/2	1,000.00	1/2	726.16	1/2	452.32	1/2	179.58	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,908.46	3/4	2,637.34	3/4	2,363.50	3/4	2,089.66	3/4	1,815.82	3/4	1,541.98	3/4	1,268.14	3/4	994.30	3/4	720.46	3/4	446.62	3/4	173.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	2,903.29	3	2,631.63	3	2,357.79	3	2,083.95	3	1,810.11	3	1,536.27	3	1,262.43	3	988.59	3	714.75	3	440.91	3	168.36	3	3	3	3	3	3	3
1/4	1/4	2,898.13	1/4	2,625.93	1/4	2,352.09	1/4	2,078.25	1/4	1,804.41	1/4	1,530.57	1/4	1,256.73	1/4	982.89	1/4	709.05	1/4	435.21	1/4	162.75	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,892.97	1/2	2,620.22	1/2	2,346.38	1/2	2,072.54	1/2	1,798.70	1/2	1,524.86	1/2	1,251.02	1/2	977.18	1/2	703.34	1/2	429.50	1/2	157.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,887.81	3/4	2,614.52	3/4	2,340.68	3/4	2,066.84	3/4	1,793.00	3/4	1,519.16	3/4	1,245.32	3/4	971.48	3/4	697.64	3/4	423.80	3/4	151.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	2,882.65	4	2,608.81	4	2,334.97	4	2,061.13	4	1,787.29	4	1,513.45	4	1,239.61	4	965.77	4	691.93	4	418.09	4	145.91	4	4	4	4	4	4	4
1/4	1/4	2,876.95	1/4	2,603.11	1/4	2,329.27	1/4	2,055.43	1/4	1,781.59	1/4	1,507.75	1/4	1,233.91	1/4	960.07	1/4	686.23	1/4	412.39	1/4	140.29	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,871.24	1/2	2,597.40	1/2	2,323.56	1/2	2,049.72	1/2	1,775.88	1/2	1,502.04	1/2	1,228.20	1/2	954.36	1/2	680.52	1/2	406.68	1/2	134.68	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,865.54	3/4	2,591.70	3/4	2,317.86	3/4	2,044.02	3/4	1,770.18	3/4	1,496.34	3/4	1,222.50	3/4	948.66	3/4	674.82	3/4	400.98	3/4	129.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	2,859.83	5	2,585.99	5	2,312.15	5	2,038.31	5	1,764.47	5	1,490.63	5	1,216.79	5	942.95	5	669.11	5	395.27	5	123.45	5	5	5	5	5	5	5
1/4	1/4	3,002.44	1/4	2,854.13	1/4	2,580.29	1/4	2,306.45	1/4	1,758.77	1/4	1,484.93	1/4	1,211.09	1/4	937.25	1/4	663.41	1/4	389.57	1/4	117.84	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,002.31	1/2	2,848.42	1/2	2,574.58	1/2	2,300.74	1/2	1,752.06	1/2	1,479.22	1/2	1,205.38	1/2	931.54	1/2	657.70	1/2	383.86	1/2	112.23	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3,002.17	3/4	2,842.72	3/4	2,568.88	3/4	2,295.04	3/4	1,747.36	3/4	1,473.52	3/4	1,199.68	3/4	925.84	3/4	652.00	3/4	378.16	3/4	106.62	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	2,837.01	6	2,563.17	6	2,289.33	6	2,015.49	6	1,741.65	6	1,467.81	6	1,193.97	6	920.13	6	646.29	6	372.45	6	101.00	6	6	6	6	6	6	6
1/4	1/4	3,001.36	1/4	2,831.31	1/4	2,557.47	1/4	2,283.63	1/4	1,735.95	1/4	1,462.11	1/4	1,188.27	1/4	914.43	1/4	640.59	1/4	366.75	1/4	95.39	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	3,000.54	1/2	2,825.60	1/2	2,551.76	1/2	2,277.92	1/2	1,730.24	1/2	1,456.40	1/2	1,182.56	1/2	908.72	1/2	634.88	1/2	361.04	1/2	89.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,999.73	3/4	2,819.90	3/4	2,546.06	3/4	2,272.22	3/4	1,724.54	3/4	1,450.70	3/4	1,176.86	3/4	903.02	3/4	629.18	3/4	355.34	3/4	84.16	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	2,814.19	7	2,540.35	7	2,266.51	7	1,992.67	7	1,718.83	7	1,444.99	7	1,171.15	7	897.31	7	623.47	7	349.63	7	78.55	7	7	7	7	7	7	7
1/4	1/4	2,998.10	1/4	2,808.49	1/4	2,534.65	1/4	2,260.81	1/4	1,986.97	1/4	1,713.13	1/4	1,439.29	1/4	1,165.45	1/4	891.61	1/4	617.77	1/4	72.94	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,997.28	1/2	2,802.78	1/2	2,528.94	1/2	2,255.10	1/2	1,981.26	1/2	1,707.42	1/2	1,433.58	1/2	1,159.74	1/2	885.90	1/2	612.06	1/2	67.32	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,996.47	3/4	2,797.08	3/4	2,523.24	3/4	2,249.40	3/4	1,975.56	3/4	1,701.72	3/4	1,427.88	3/4	1,154.04	3/4	880.20	3/4	606.36	3/4	61.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	2,791.37	8	2,517.53	8	2,243.69	8	1,969.85	8	1,696.01	8	1,422.17	8	1,148.33	8	874.49	8	600.65	8	326.81	8	56.10	8	8	8	8	8	8	8
1/4	1/4	2,993.75	1/4	2,785.67	1/4	2,511.83	1/4	2,237.99	1/4	1,964.15	1/4	1,690.31	1/4	1,416.47	1/4	868.79	1/4	594.95	1/4	321.11	1/4	50.49	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,991.85	1/2	2,779.96	1/2	2,506.12	1/2	2,232.28	1/2	1,958.44	1/2	1,684.60	1/2	1,410.76	1/2	863.08	1/2	589.24	1/2	315.40	1/2	44.87	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,989.94	3/4	2,774.26	3/4	2,500.42	3/4	2,226.58	3/4	1,952.74	3/4	1,678.90	3/4	1,405.06	3/4	857.38	3/4	583.54	3/4	309.70	3/4	39.97	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	2,768.55	9	2,494.71	9	2,220.87	9	1,947.03	9	1,673.19	9	1,399.35	9	1,125.51	9	851.67	9	577.83	9	303.99	9	35.07	9	9	9	9	9	9	9
1/4	1/4	2,988.14	1/4	2,762.85	1/4	2,489.01	1/4	2,215.17	1/4	1,941.33	1/4	1,667.49	1/4	1,393.65	1/4	1,119.81	1/4	845.97	1/4	572.13	1/4	30.17	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	2,984.24	1/2	2,757.14	1/2	2,483.30	1/2	2,209.46	1/2	1,935.62	1/2	1,661.78	1/2	1,387.94	1/2	1,114.10	1/2	840.26	1/2	566.42	1/2	25.27	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	2,982.34	3/4	2,751.44	3/4	2,477.60	3/4	2,203.76	3/4	1,929.92	3/4	1,656.08	3/4	1,382.24	3/4	1,108.40	3/4	834.56	3/4	560.72	3/4	21.80	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	2,745.73	10	2,471.89	10	2,198.05	10	1,924.21	10	1,650.37	10	1,376.53	10	1,102.69	10	828.85	10	555.01	10	281.17	10	18.33	10	10	10	10	10	10	10
1/4	1/4	2,977.45	1/4	2,740.03	1/4	2,466.19	1/4	2,192.35	1/4	1,918.																			



# BARGE "MM-33" MAGNOLIA MARINE

## OUTAGE TABLE

### 4 PORT OR STAR

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

HULL NO. 4587

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.			
0		0	2,982.82	0	2,723.22	0	2,447.51	0	2,171.80	0	1,896.09	0	1,620.38	0	1,344.66	0	1,068.95	0	793.24	0	517.53	0	241.79	0		0		0		0	
1/4		1/4	2,978.64	1/4	2,717.48	1/4	2,441.77	1/4	2,166.06	1/4	1,890.34	1/4	1,614.63	1/4	1,338.92	1/4	1,063.21	1/4	787.50	1/4	511.78	1/4	236.03	1/4		1/4		1/4		1/4	
1/2		1/2	2,974.46	1/2	2,711.74	1/2	2,436.02	1/2	2,160.31	1/2	1,884.60	1/2	1,608.89	1/2	1,333.18	1/2	1,057.46	1/2	781.75	1/2	506.04	1/2	230.27	1/2		1/2		1/2		1/2	
3/4		3/4	2,970.28	3/4	2,705.99	3/4	2,430.28	3/4	2,154.57	3/4	1,878.86	3/4	1,603.14	3/4	1,327.43	3/4	1,051.72	3/4	776.01	3/4	500.30	3/4	224.51	3/4		3/4		3/4		3/4	
1		1	2,966.10	1	2,700.25	1	2,424.54	1	2,148.82	1	1,873.11	1	1,597.40	1	1,321.69	1	1,045.98	1	770.26	1	494.55	1	218.76	1		1		1		1	
1/4		1/4	2,961.92	1/4	2,694.50	1/4	2,418.79	1/4	2,143.08	1/4	1,867.37	1/4	1,591.66	1/4	1,315.94	1/4	1,040.23	1/4	764.52	1/4	488.81	1/4	213.00	1/4		1/4		1/4		1/4	
1/2		1/2	2,957.74	1/2	2,688.76	1/2	2,413.05	1/2	2,137.34	1/2	1,861.62	1/2	1,585.91	1/2	1,310.20	1/2	1,034.49	1/2	758.78	1/2	483.06	1/2	207.24	1/2		1/2		1/2		1/2	
3/4		3/4	2,953.56	3/4	2,683.02	3/4	2,407.30	3/4	2,131.59	3/4	1,855.88	3/4	1,580.17	3/4	1,304.46	3/4	1,028.74	3/4	753.03	3/4	477.32	3/4	201.48	3/4		3/4		3/4		3/4	
2		2	2,949.38	2	2,677.27	2	2,401.56	2	2,125.85	2	1,850.14	2	1,574.42	2	1,298.71	2	1,023.00	2	747.29	2	471.58	2	195.72	2		2		2		2	
1/4		1/4	2,944.09	1/4	2,671.53	1/4	2,395.82	1/4	2,120.10	1/4	1,844.39	1/4	1,568.68	1/4	1,292.97	1/4	1,017.26	1/4	741.54	1/4	465.83	1/4	189.97	1/4		1/4		1/4		1/4	
1/2		1/2	2,938.80	1/2	2,665.78	1/2	2,390.07	1/2	2,114.36	1/2	1,838.65	1/2	1,562.94	1/2	1,287.22	1/2	1,011.51	1/2	735.80	1/2	460.09	1/2	184.21	1/2		1/2		1/2		1/2	
3/4		3/4	2,933.50	3/4	2,660.04	3/4	2,384.33	3/4	2,108.62	3/4	1,832.90	3/4	1,557.19	3/4	1,281.48	3/4	1,005.77	3/4	730.06	3/4	454.34	3/4	178.45	3/4		3/4		3/4		3/4	
3		3	2,928.21	3	2,654.30	3	2,378.58	3	2,102.87	3	1,827.16	3	1,551.45	3	1,275.74	3	1,000.02	3	724.31	3	448.60	3	172.69	3		3		3		3	
1/4		1/4	2,922.91	1/4	2,648.55	1/4	2,372.84	1/4	2,097.13	1/4	1,821.42	1/4	1,545.70	1/4	1,269.99	1/4	994.28	1/4	718.57	1/4	442.86	1/4	166.93	1/4		1/4		1/4		1/4	
1/2		1/2	2,917.62	1/2	2,642.81	1/2	2,367.10	1/2	2,091.38	1/2	1,815.67	1/2	1,539.96	1/2	1,264.25	1/2	988.54	1/2	712.82	1/2	437.11	1/2	161.18	1/2		1/2		1/2		1/2	
3/4		3/4	2,912.33	3/4	2,637.06	3/4	2,361.35	3/4	2,085.64	3/4	1,809.93	3/4	1,534.22	3/4	1,258.50	3/4	982.79	3/4	707.08	3/4	431.37	3/4	155.42	3/4		3/4		3/4		3/4	
4		4	2,907.03	4	2,631.32	4	2,355.61	4	2,079.90	4	1,804.18	4	1,528.47	4	1,252.76	4	977.05	4	701.34	4	425.62	4	149.66	4		4		4		4	
1/4		1/4	2,901.29	1/4	2,625.58	1/4	2,349.86	1/4	2,074.15	1/4	1,798.44	1/4	1,522.73	1/4	1,247.02	1/4	971.30	1/4	695.59	1/4	419.88	1/4	143.90	1/4		1/4		1/4		1/4	
1/2		1/2	2,895.54	1/2	2,619.83	1/2	2,344.12	1/2	2,068.41	1/2	1,792.70	1/2	1,516.98	1/2	1,241.27	1/2	965.56	1/2	689.85	1/2	414.14	1/2	138.14	1/2		1/2		1/2		1/2	
3/4		3/4	2,889.80	3/4	2,614.09	3/4	2,338.38	3/4	2,062.66	3/4	1,786.95	3/4	1,511.24	3/4	1,235.53	3/4	959.82	3/4	684.10	3/4	408.39	3/4	132.39	3/4		3/4		3/4		3/4	
5		5	2,884.06	5	2,608.34	5	2,332.63	5	2,056.92	5	1,781.21	5	1,505.50	5	1,229.78	5	954.07	5	678.36	5	402.65	5	126.63	5		5		5		5	
1/4		1/4	2,878.31	1/4	2,602.80	1/4	2,326.89	1/4	2,051.18	1/4	1,775.46	1/4	1,499.75	1/4	1,224.04	1/4	948.33	1/4	672.62	1/4	396.90	1/4	120.87	1/4		1/4		1/4		1/4	
1/2	3,029.91	1/2	2,872.57	1/2	2,596.86	1/2	2,321.14	1/2	2,045.43	1/2	1,769.72	1/2	1,494.01	1/2	1,218.30	1/2	942.58	1/2	666.87	1/2	391.16	1/2	115.11	1/2		1/2		1/2		1/2	
3/4	3,029.77	3/4	2,866.82	3/4	2,591.11	3/4	2,315.40	3/4	2,039.69	3/4	1,763.98	3/4	1,488.26	3/4	1,212.55	3/4	936.84	3/4	661.13	3/4	385.42	3/4	109.35	3/4		3/4		3/4		3/4	
6	3,029.63	6	2,861.08	6	2,585.37	6	2,309.66	6	2,033.94	6	1,758.23	6	1,482.52	6	1,206.81	6	931.10	6	655.38	6	379.67	6	103.60	6		6		6		6	
1/4	3,028.80	1/4	2,855.34	1/4	2,579.62	1/4	2,303.91	1/4	2,028.20	1/4	1,752.49	1/4	1,476.78	1/4	1,201.06	1/4	925.35	1/4	649.64	1/4	373.93	1/4	97.84	1/4		1/4		1/4		1/4	
1/2	3,027.96	1/2	2,849.59	1/2	2,573.88	1/2	2,298.17	1/2	2,022.46	1/2	1,746.74	1/2	1,471.03	1/2	1,195.32	1/2	919.61	1/2	643.90	1/2	368.18	1/2	92.08	1/2		1/2		1/2		1/2	
3/4	3,027.12	3/4	2,843.85	3/4	2,568.14	3/4	2,292.42	3/4	2,016.71	3/4	1,741.00	3/4	1,465.29	3/4	1,189.58	3/4	913.86	3/4	638.15	3/4	362.44	3/4	86.32	3/4		3/4		3/4		3/4	
7	3,026.29	7	2,838.10	7	2,562.39	7	2,286.68	7	2,010.97	7	1,735.26	7	1,459.54	7	1,183.83	7	908.12	7	632.41	7	356.70	7	80.56	7		7		7		7	
1/4	3,025.45	1/4	2,832.36	1/4	2,556.65	1/4	2,280.94	1/4	2,005.22	1/4	1,729.51	1/4	1,453.80	1/4	1,178.09	1/4	902.38	1/4	626.66	1/4	350.95	1/4	74.81	1/4		1/4		1/4		1/4	
1/2	3,024.62	1/2	2,826.62	1/2	2,550.90	1/2	2,275.19	1/2	1,999.48	1/2	1,723.77	1/2	1,448.06	1/2	1,172.34	1/2	896.63	1/2	620.92	1/2	345.21	1/2	69.05	1/2		1/2		1/2		1/2	
3/4	3,023.78	3/4	2,820.87	3/4	2,545.16	3/4	2,269.45	3/4	1,993.74	3/4	1,718.02	3/4	1,442.31	3/4	1,166.60	3/4	890.89	3/4	615.18	3/4	339.46	3/4	63.29	3/4		3/4		3/4		3/4	
8	3,022.94	8	2,815.13	8	2,539.42	8	2,263.70	8	1,987.99	8	1,712.28	8	1,436.57	8	1,160.86	8	885.14	8	609.43	8	333.72	8	57.53	8		8		8		8	
1/4	3,020.99	1/4	2,809.38	1/4	2,533.67	1/4	2,257.96	1/4	1,982.25	1/4	1,706.54	1/4	1,430.82	1/4	1,155.11	1/4	879.40	1/4	603.69	1/4	327.98	1/4	51.77	1/4		1/4		1/4		1/4	
1/2	3,019.04	1/2	2,803.64	1/2	2,527.93	1/2	2,252.22	1/2	1,976.50	1/2	1,700.79	1/2	1,425.08	1/2	1,149.37	1/2	873.66	1/2	597.94	1/2	322.23	1/2	46.02	1/2		1/2		1/2		1/2	
3/4	3,017.09	3/4	2,797.90	3/4	2,522.18	3/4	2,246.47	3/4	1,970.76	3/4	1,695.05	3/4	1,419.34	3/4	1,143.62	3/4	867.91	3/4	592.20	3/4	316.49	3/4	40.99	3/4		3/4		3/4		3/4	
9	3,015.14	9	2,792.15	9	2,516.44	9	2,240.73	9	1,965.02	9	1,689.30	9	1,413.59	9	1,137.88	9	862.17	9	586.46	9	310.74	9	35.96	9		9		9		9	
1/4	3,013.19	1/4	2,786.41	1/4	2,510.70	1/4	2,234.98	1/4	1,959.27	1/4	1,683.56	1/4	1,407.85	1/4	1,132.14	1/4	856.42	1/4	580.71	1/4	305.00	1/4	30.94	1/4		1/4		1/4		1/4	
1/2	3,011.24	1/2	2,780.66	1/2	2,504.95	1/2	2,229.24	1/2	1,953.53	1/2	1,677.82	1/2	1,402.10	1/2	1,126.39	1/2	850.68	1/2	574.97	1/2	299.26	1/2	25.91	1/2		1/2		1/2		1/2	
3/4	3,009.29	3/4	2,774.92	3/4	2,499.21	3/4	2,223.50	3/4	1,947.78	3/4	1,672.07	3/4	1,396.36	3/4	1,120.65	3/4	844.94	3/4	569.22	3/4	293.51	3/4	22.35	3/4		3/4		3/4		3/4	
10	3,007.34	10	2,769.18	10	2,493.46	10	2,217.75	10	1,942.04	10	1,666.33	10	1,390.62	10	1,114.90	10	839.19	10	563.48	10	287.77	10	18.79	10		10		10		10	
1/4	3,004.27	1/4	2,763.43</																												



# BARGE "MM-33" MAGNOLIA MARINE

## INNAGE TABLE

# 1 PORT OR STAR

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

HULL NO. 4587

	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.			
0	*	12.20	0	215.84	0	457.03	0	710.04	0	963.04	0	1,216.05	0	1,469.06	0	1,722.07	0	1,975.08	0	2,228.08	0	2,481.09	0	2,703.13	0		0		0		0	
1/4		14.99	1/4	220.59	1/4	462.30	1/4	715.31	1/4	968.31	1/4	1,221.32	1/4	1,474.33	1/4	1,727.34	1/4	1,980.35	1/4	2,233.35	1/4	2,486.36	1/4	2,705.90	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2		17.78	1/2	225.33	1/2	467.57	1/2	720.58	1/2	973.59	1/2	1,226.59	1/2	1,479.60	1/2	1,732.61	1/2	1,985.62	1/2	2,238.63	1/2	2,491.63	1/2	2,708.67	1/2	1/2	1/2	1/2	1/2	1/2	1/2	
3/4		20.57	3/4	230.07	3/4	472.84	3/4	725.85	3/4	978.86	3/4	1,231.86	3/4	1,484.87	3/4	1,737.88	3/4	1,990.89	3/4	2,243.90	3/4	2,496.91	3/4	2,710.43	3/4	3/4	3/4	3/4	3/4	3/4	3/4	
1		23.36	1	234.81	1	478.11	1	731.12	1	984.13	1	1,237.14	1	1,490.14	1	1,743.15	1	1,996.16	1	2,249.17	1	2,502.18	1	2,712.19	1	1	1	1	1	1	1	
1/4		27.06	1/4	239.55	1/4	483.38	1/4	736.39	1/4	989.40	1/4	1,242.41	1/4	1,495.41	1/4	1,748.42	1/4	2,001.43	1/4	2,254.44	1/4	2,507.45	1/4	2,713.95	1/4	1/4	1/4	1/4	1/4	1/4	1/4	
1/2		30.75	1/2	244.30	1/2	488.65	1/2	741.66	1/2	994.67	1/2	1,247.68	1/2	1,500.69	1/2	1,753.69	1/2	2,006.70	1/2	2,259.71	1/2	2,512.72	1/2	2,716.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		34.44	3/4	249.04	3/4	493.93	3/4	746.93	3/4	999.94	3/4	1,252.95	3/4	1,505.96	3/4	1,758.96	3/4	2,011.97	3/4	2,264.98	3/4	2,517.99	3/4	2,717.47	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2		38.13	2	253.78	2	499.20	2	752.20	2	1,005.21	2	1,258.22	2	1,511.23	2	1,764.24	2	2,017.24	2	2,270.25	2	2,523.26	2	2,719.23	2	2	2	2	2	2	2	2
1/4		42.28	1/4	258.52	1/4	504.47	1/4	757.47	1/4	1,010.48	1/4	1,263.49	1/4	1,516.50	1/4	1,769.51	1/4	2,022.51	1/4	2,275.52	1/4	2,528.53	1/4	2,720.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		46.42	1/2	263.26	1/2	509.74	1/2	762.75	1/2	1,015.75	1/2	1,268.76	1/2	1,521.77	1/2	1,774.78	1/2	2,027.79	1/2	2,280.79	1/2	2,533.80	1/2	2,722.75	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		50.56	3/4	268.01	3/4	515.01	3/4	768.02	3/4	1,021.03	3/4	1,274.03	3/4	1,527.04	3/4	1,780.05	3/4	2,033.06	3/4	2,286.07	3/4	2,539.07	3/4	2,723.50	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3		54.70	3	272.75	3	520.28	3	773.29	3	1,026.30	3	1,279.30	3	1,532.31	3	1,785.32	3	2,038.33	3	2,291.34	3	2,544.34	3	2,724.25	3	3	3	3	3	3	3	3
1/4		58.85	1/4	277.49	1/4	525.55	1/4	778.56	1/4	1,031.57	1/4	1,284.57	1/4	1,537.58	1/4	1,790.59	1/4	2,043.60	1/4	2,296.61	1/4	2,549.62	1/4	2,725.01	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		62.99	1/2	282.23	1/2	530.82	1/2	783.83	1/2	1,036.84	1/2	1,289.85	1/2	1,542.85	1/2	1,795.86	1/2	2,048.87	1/2	2,301.88	1/2	2,554.89	1/2	2,725.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		67.13	3/4	286.97	3/4	536.09	3/4	789.10	3/4	1,042.11	3/4	1,295.12	3/4	1,548.12	3/4	1,801.13	3/4	2,054.14	3/4	2,307.15	3/4	2,560.16	3/4	2,726.52	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4		71.28	4	291.72	4	541.36	4	794.37	4	1,047.38	4	1,300.39	4	1,553.40	4	1,806.41	4	2,059.41	4	2,312.42	4	2,565.43	4	2,727.27	4	4	4	4	4	4	4	4
1/4		75.72	1/4	296.85	1/4	546.63	1/4	799.64	1/4	1,052.65	1/4	1,305.66	1/4	1,558.67	1/4	1,811.67	1/4	2,064.68	1/4	2,317.69	1/4	2,570.70	1/4	2,728.02	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		80.16	1/2	301.98	1/2	551.91	1/2	804.91	1/2	1,057.92	1/2	1,310.93	1/2	1,563.94	1/2	1,816.95	1/2	2,069.95	1/2	2,322.96	1/2	2,575.97	1/2	2,728.78	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		84.61	3/4	307.11	3/4	557.18	3/4	810.18	3/4	1,063.19	3/4	1,316.20	3/4	1,569.21	3/4	1,822.22	3/4	2,075.22	3/4	2,328.23	3/4	2,581.24	3/4	2,728.90	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5		89.05	5	312.24	5	562.45	5	815.46	5	1,068.46	5	1,321.47	5	1,574.48	5	1,827.49	5	2,080.50	5	2,333.50	5	2,586.51	5	2,729.03	5	5	5	5	5	5	5	5
1/4		93.49	1/4	317.37	1/4	567.72	1/4	820.73	1/4	1,073.74	1/4	1,326.74	1/4	1,579.75	1/4	1,832.76	1/4	2,085.77	1/4	2,338.78	1/4	2,591.78	1/4	2,729.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		97.93	1/2	322.50	1/2	572.99	1/2	826.00	1/2	1,079.01	1/2	1,332.01	1/2	1,585.02	1/2	1,838.03	1/2	2,091.04	1/2	2,344.05	1/2	2,597.05	1/2	2,729.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		102.38	3/4	327.63	3/4	578.26	3/4	831.27	3/4	1,084.28	3/4	1,337.28	3/4	1,590.29	3/4	1,843.30	3/4	2,096.31	3/4	2,349.32	3/4	2,602.33	3/4	2,729.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6		106.82	6	332.76	6	583.53	6	836.54	6	1,089.55	6	1,342.56	6	1,595.56	6	1,848.57	6	2,101.58	6	2,354.59	6	2,607.60	6	2,729.03	6	6	6	6	6	6	6	6
1/4		111.26	1/4	337.90	1/4	588.80	1/4	841.81	1/4	1,094.82	1/4	1,347.83	1/4	1,600.83	1/4	1,853.84	1/4	2,106.85	1/4	2,359.86	1/4	2,612.87	1/4	2,729.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		115.71	1/2	343.03	1/2	594.07	1/2	847.08	1/2	1,100.09	1/2	1,353.10	1/2	1,606.11	1/2	1,859.11	1/2	2,112.12	1/2	2,365.13	1/2	2,618.14	1/2	2,729.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		120.15	3/4	348.16	3/4	599.34	3/4	852.35	3/4	1,105.36	3/4	1,358.37	3/4	1,611.38	3/4	1,864.39	3/4	2,117.39	3/4	2,370.40	3/4	2,622.92	3/4	2,729.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7		124.59	7	353.29	7	604.62	7	857.62	7	1,110.63	7	1,363.64	7	1,616.65	7	1,869.66	7	2,122.66	7	2,375.67	7	2,627.69	7	2,729.03	7	7	7	7	7	7	7	7
1/4		129.04	1/4	358.42	1/4	609.89	1/4	862.89	1/4	1,115.90	1/4	1,368.91	1/4	1,621.92	1/4	1,874.93	1/4	2,127.93	1/4	2,380.94	1/4	2,632.47	1/4	2,729.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		133.48	1/2	363.55	1/2	615.16	1/2	868.17	1/2	1,121.17	1/2	1,374.18	1/2	1,627.19	1/2	1,880.20	1/2	2,133.21	1/2	2,386.21	1/2	2,637.25	1/2	2,729.03	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4		137.92	3/4	368.68	3/4	620.43	3/4	873.44	3/4	1,126.44	3/4	1,379.45	3/4	1,632.46	3/4	1,885.47	3/4	2,138.48	3/4	2,391.49	3/4	2,642.03	3/4	2,729.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8		142.36	8	373.81	8	625.70	8	878.71	8	1,131.72	8	1,384.72	8	1,637.73	8	1,890.74	8	2,143.75	8	2,396.76	8	2,646.81	8	2,729.03	8	8	8	8	8	8	8	8
1/4		146.81	1/4	378.94	1/4	630.97	1/4	883.98	1/4	1,136.99	1/4	1,389.99	1/4	1,643.00	1/4	1,896.01	1/4	2,149.02	1/4	2,402.03	1/4	2,651.58	1/4	2,729.03	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2		151.25	1/2	384.07	1/2	636.24	1/2	889.25	1/2	1,142.26	1/2	1,395.27	1/2	1,648.27	1/2	1,901.28	1/2	2,154.29	1/2	2,407.30	1/2	2,656.36	1/2	2,729.03	1/2	1/2	1/2					



# BARGE "MM-33" MAGNOLIA MARINE

## INNAGE TABLE

# 2 PORT OR STAR

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

HULL NO. 4587

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	11.56	0	274.16	0	551.69	0	829.23	0	1,106.76	0	1,384.30	0	1,661.84	0	1,939.37	0	2,216.91	0	2,494.44	0	2,771.98	0	3,015.65	0		0		0	
1/4	15.10	1/4	279.94	1/4	557.47	1/4	835.01	1/4	1,112.55	1/4	1,390.08	1/4	1,667.62	1/4	1,945.15	1/4	2,222.69	1/4	2,500.23	1/4	2,777.76	1/4	3,018.69	1/4		1/4		1/4	
1/2	18.63	1/2	285.72	1/2	563.26	1/2	840.79	1/2	1,118.33	1/2	1,395.86	1/2	1,673.40	1/2	1,950.94	1/2	2,228.47	1/2	2,506.01	1/2	2,783.54	1/2	3,021.73	1/2		1/2		1/2	
3/4	22.16	3/4	291.50	3/4	569.04	3/4	846.57	3/4	1,124.11	3/4	1,401.65	3/4	1,679.18	3/4	1,956.72	3/4	2,234.25	3/4	2,511.79	3/4	2,789.33	3/4	3,023.66	3/4		3/4		3/4	
1	25.69	1	297.28	1	574.82	1	852.36	1	1,129.89	1	1,407.43	1	1,684.96	1	1,962.50	1	2,240.04	1	2,517.57	1	2,795.11	1	3,025.59	1		1		1	
1/4	30.67	1/4	303.07	1/4	580.60	1/4	858.14	1/4	1,135.67	1/4	1,413.21	1/4	1,690.75	1/4	1,968.28	1/4	2,245.82	1/4	2,523.35	1/4	2,800.89	1/4	3,027.53	1/4		1/4		1/4	
1/2	35.65	1/2	308.85	1/2	586.38	1/2	863.92	1/2	1,141.46	1/2	1,418.99	1/2	1,696.53	1/2	1,974.06	1/2	2,251.60	1/2	2,529.14	1/2	2,806.67	1/2	3,029.46	1/2		1/2		1/2	
3/4	40.63	3/4	314.63	3/4	592.17	3/4	869.70	3/4	1,147.24	3/4	1,424.77	3/4	1,702.31	3/4	1,979.85	3/4	2,257.38	3/4	2,534.92	3/4	2,812.45	3/4	3,031.39	3/4		3/4		3/4	
2	45.61	2	320.41	2	597.95	2	875.48	2	1,153.02	2	1,430.56	2	1,708.09	2	1,985.63	2	2,263.16	2	2,540.70	2	2,818.24	2	3,033.33	2		2		2	
1/4	51.32	1/4	326.19	1/4	603.73	1/4	881.27	1/4	1,158.80	1/4	1,436.34	1/4	1,713.87	1/4	1,991.41	1/4	2,268.95	1/4	2,546.48	1/4	2,824.02	1/4	3,035.26	1/4		1/4		1/4	
1/2	57.02	1/2	331.98	1/2	609.51	1/2	887.05	1/2	1,164.58	1/2	1,442.12	1/2	1,719.66	1/2	1,997.19	1/2	2,274.73	1/2	2,552.26	1/2	2,829.80	1/2	3,037.19	1/2		1/2		1/2	
3/4	62.73	3/4	337.76	3/4	615.29	3/4	892.83	3/4	1,170.37	3/4	1,447.90	3/4	1,725.44	3/4	2,002.97	3/4	2,280.51	3/4	2,558.05	3/4	2,835.58	3/4	3,038.02	3/4		3/4		3/4	
3	68.44	3	343.54	3	621.08	3	898.61	3	1,176.15	3	1,453.68	3	1,731.22	3	2,008.76	3	2,286.29	3	2,563.83	3	2,841.36	3	3,038.85	3		3		3	
1/4	74.14	1/4	349.32	1/4	626.86	1/4	904.39	1/4	1,181.93	1/4	1,459.47	1/4	1,737.00	1/4	2,014.54	1/4	2,292.07	1/4	2,569.61	1/4	2,847.15	1/4	3,039.68	1/4		1/4		1/4	
1/2	79.85	1/2	355.10	1/2	632.64	1/2	910.18	1/2	1,187.71	1/2	1,465.25	1/2	1,742.78	1/2	2,020.32	1/2	2,297.86	1/2	2,575.39	1/2	2,852.93	1/2	3,040.50	1/2		1/2		1/2	
3/4	85.55	3/4	360.89	3/4	638.42	3/4	915.96	3/4	1,193.49	3/4	1,471.03	3/4	1,748.57	3/4	2,026.10	3/4	2,303.64	3/4	2,581.17	3/4	2,858.71	3/4	3,041.33	3/4		3/4		3/4	
4	91.26	4	366.67	4	644.20	4	921.74	4	1,199.28	4	1,476.81	4	1,754.35	4	2,031.88	4	2,309.42	4	2,586.96	4	2,864.49	4	3,042.16	4		4		4	
1/4	96.97	1/4	372.45	1/4	649.99	1/4	927.52	1/4	1,205.06	1/4	1,482.59	1/4	1,760.13	1/4	2,037.67	1/4	2,315.20	1/4	2,592.74	1/4	2,870.27	1/4	3,042.99	1/4		1/4		1/4	
1/2	102.67	1/2	378.23	1/2	655.77	1/2	933.30	1/2	1,210.84	1/2	1,488.38	1/2	1,765.91	1/2	2,043.45	1/2	2,320.98	1/2	2,598.52	1/2	2,876.06	1/2	3,043.82	1/2		1/2		1/2	
3/4	108.38	3/4	384.01	3/4	661.55	3/4	939.09	3/4	1,216.62	3/4	1,494.16	3/4	1,771.69	3/4	2,049.23	3/4	2,326.77	3/4	2,604.30	3/4	2,881.84	3/4	3,043.95	3/4		3/4		3/4	
5	114.08	5	389.80	5	667.33	5	944.87	5	1,222.40	5	1,499.94	5	1,777.48	5	2,055.01	5	2,332.55	5	2,610.08	5	2,887.62	5	3,044.09	5		5		5	
1/4	119.79	1/4	395.58	1/4	673.11	1/4	950.65	1/4	1,228.19	1/4	1,505.72	1/4	1,783.26	1/4	2,060.79	1/4	2,338.33	1/4	2,615.87	1/4	2,893.40	1/4		1/4		1/4		1/4	
1/2	125.50	1/2	401.36	1/2	678.90	1/2	956.43	1/2	1,233.97	1/2	1,511.50	1/2	1,789.04	1/2	2,066.58	1/2	2,344.11	1/2	2,621.65	1/2	2,899.18	1/2		1/2		1/2		1/2	
3/4	131.20	3/4	407.14	3/4	684.68	3/4	962.21	3/4	1,239.75	3/4	1,517.29	3/4	1,794.82	3/4	2,072.36	3/4	2,349.89	3/4	2,627.43	3/4	2,904.97	3/4		3/4		3/4		3/4	
6	136.91	6	412.92	6	690.46	6	968.00	6	1,245.53	6	1,523.07	6	1,800.60	6	2,078.14	6	2,355.68	6	2,633.21	6	2,910.75	6		6		6		6	
1/4	142.61	1/4	418.71	1/4	696.24	1/4	973.78	1/4	1,251.31	1/4	1,528.85	1/4	1,806.39	1/4	2,083.92	1/4	2,361.46	1/4	2,638.99	1/4	2,916.53	1/4		1/4		1/4		1/4	
1/2	148.32	1/2	424.49	1/2	702.02	1/2	979.56	1/2	1,257.10	1/2	1,534.63	1/2	1,812.17	1/2	2,089.70	1/2	2,367.24	1/2	2,644.78	1/2	2,922.31	1/2		1/2		1/2		1/2	
3/4	154.03	3/4	430.27	3/4	707.81	3/4	985.34	3/4	1,262.88	3/4	1,540.41	3/4	1,817.95	3/4	2,095.49	3/4	2,373.02	3/4	2,650.56	3/4	2,927.56	3/4		3/4		3/4		3/4	
7	159.73	7	436.05	7	713.59	7	991.12	7	1,268.66	7	1,546.20	7	1,823.73	7	2,101.27	7	2,378.80	7	2,656.34	7	2,932.81	7		7		7		7	
1/4	165.44	1/4	441.83	1/4	719.37	1/4	996.91	1/4	1,274.44	1/4	1,551.98	1/4	1,829.51	1/4	2,107.05	1/4	2,384.59	1/4	2,662.12	1/4	2,938.05	1/4		1/4		1/4		1/4	
1/2	171.14	1/2	447.62	1/2	725.15	1/2	1,002.69	1/2	1,280.22	1/2	1,557.76	1/2	1,835.30	1/2	2,112.83	1/2	2,390.37	1/2	2,667.90	1/2	2,943.30	1/2		1/2		1/2		1/2	
3/4	176.85	3/4	453.40	3/4	730.93	3/4	1,008.47	3/4	1,286.01	3/4	1,563.54	3/4	1,841.08	3/4	2,118.61	3/4	2,396.15	3/4	2,673.69	3/4	2,948.55	3/4		3/4		3/4		3/4	
8	182.56	8	459.18	8	736.72	8	1,014.25	8	1,291.79	8	1,569.32	8	1,846.86	8	2,124.40	8	2,401.93	8	2,679.47	8	2,953.79	8		8		8		8	
1/4	188.26	1/4	464.96	1/4	742.50	1/4	1,020.03	1/4	1,297.57	1/4	1,575.11	1/4	1,852.64	1/4	2,130.18	1/4	2,407.71	1/4	2,685.25	1/4	2,959.04	1/4		1/4		1/4		1/4	
1/2	193.97	1/2	470.74	1/2	748.28	1/2	1,025.82	1/2	1,303.35	1/2	1,580.89	1/2	1,858.42	1/2	2,135.96	1/2	2,413.50	1/2	2,691.03	1/2	2,964.29	1/2		1/2		1/2		1/2	
3/4	199.67	3/4	476.53	3/4	754.06	3/4	1,031.60	3/4	1,309.13	3/4	1,586.67	3/4	1,864.21	3/4	2,141.74	3/4	2,419.28	3/4	2,696.81	3/4	2,968.43	3/4		3/4		3/4		3/4	
9	205.38	9	482.31	9	759.84	9	1,037.38	9	1,314.92	9	1,592.45	9	1,869.99	9	2,147.52	9	2,425.06	9	2,702.60	9	2,972.57	9		9		9		9	
1/4	211.09	1/4	488.09	1/4	765.63	1/4	1,043.16	1/4	1,320.70	1/4	1,598.23	1/4	1,875.77	1/4	2,153.31	1/4	2,430.84	1/4	2,708.38	1/4	2,976.71	1/4		1/4		1/4		1/4	
1/2	216.79	1/2	493.87	1/2	771.41	1/2	1,048.94	1/2	1,326.48	1/2	1,604.02	1/2	1,881.55	1/2	2,159.09	1/2	2,436.62	1/2	2,714.16	1/2	2,980.86	1/2		1/2		1/2		1/2	
3/4	222.50	3/4	499.65	3/4	777.19	3/4	1,054.73	3/4	1,332.26	3/4	1,609.80	3/4	1,887.33	3/4	2,164.87	3/4	2,442.41	3/4	2,719.94	3/4	2,985.00	3/4		3/4		3/4		3/4	
10	228.20	10	505.44	10	782.97	10	1,060.51	10	1,338.04	10	1,615.58	10	1,893.12	10	2,170.65	10	2,448.19	10	2,725.72	10	2,989.14	10		10		10		10	
1/4	233.91	1/4	511.22	1/4	788.75	1/4	1,066.29	1/4	1,343.83	1/4	1,621.36	1/4	1,898.90	1/4	2,176.43	1/4	2,453.97	1/4	2,731.51	1/4	2,993.28	1/4		1/4		1/4		1/4	
1/2	239.62	1/2	517.00	1/2	794.54	1/2	1,072.07	1/2	1,349.61	1/2	1,627.14	1/2	1,904.68	1/2	2,182.22	1/2	2,459.75	1/2											



# BARGE "MM-33" MAGNOLIA MARINE

## INNAGE TABLE

# 3 PORT OR STAR

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

HULL NO. 4587

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	
0	11.38	0	269.76	0	543.60	0	817.44	0	1,091.28	0	1,365.12	0	1,638.96	0	1,912.80	0	2,186.64	0	2,460.48	0	2,734.32	0	2,974.46	0		0		0		0
1/4	14.85	1/4	275.47	1/4	549.31	1/4	823.15	1/4	1,096.99	1/4	1,370.83	1/4	1,644.67	1/4	1,918.50	1/4	2,192.34	1/4	2,466.18	1/4	2,740.02	1/4	2,977.45	1/4		1/4		1/4		1/4
1/2	18.33	1/2	281.17	1/2	555.01	1/2	828.85	1/2	1,102.69	1/2	1,376.53	1/2	1,650.37	1/2	1,924.21	1/2	2,198.05	1/2	2,471.89	1/2	2,745.73	1/2	2,980.43	1/2		1/2		1/2		1/2
3/4	21.80	3/4	286.88	3/4	560.72	3/4	834.56	3/4	1,108.40	3/4	1,382.24	3/4	1,656.08	3/4	1,929.91	3/4	2,203.75	3/4	2,477.59	3/4	2,751.43	3/4	2,982.34	3/4		3/4		3/4		3/4
1	25.27	1	292.58	1	566.42	1	840.26	1	1,114.10	1	1,387.94	1	1,661.78	1	1,935.62	1	2,209.46	1	2,483.30	1	2,757.14	1	2,984.24	1		1		1		1
1/4	30.17	1/4	298.29	1/4	572.13	1/4	845.97	1/4	1,119.81	1/4	1,393.65	1/4	1,667.48	1/4	1,941.32	1/4	2,215.16	1/4	2,489.00	1/4	2,762.84	1/4	2,986.14	1/4		1/4		1/4		1/4
1/2	35.07	1/2	303.99	1/2	577.83	1/2	851.67	1/2	1,125.51	1/2	1,399.35	1/2	1,673.19	1/2	1,947.03	1/2	2,220.87	1/2	2,494.71	1/2	2,768.55	1/2	2,988.04	1/2		1/2		1/2		1/2
3/4	39.97	3/4	309.70	3/4	583.54	3/4	857.38	3/4	1,131.22	3/4	1,405.06	3/4	1,678.89	3/4	1,952.73	3/4	2,226.57	3/4	2,500.41	3/4	2,774.25	3/4	2,989.94	3/4		3/4		3/4		3/4
2	44.87	2	315.40	2	589.24	2	863.08	2	1,136.92	2	1,410.76	2	1,684.60	2	1,958.44	2	2,232.28	2	2,506.12	2	2,779.96	2	2,991.85	2		2		2		2
1/4	50.49	1/4	321.11	1/4	594.95	1/4	868.79	1/4	1,142.63	1/4	1,416.47	1/4	1,690.30	1/4	1,964.14	1/4	2,237.98	1/4	2,511.82	1/4	2,785.66	1/4	2,993.75	1/4		1/4		1/4		1/4
1/2	56.10	1/2	326.81	1/2	600.65	1/2	874.49	1/2	1,148.33	1/2	1,422.17	1/2	1,696.01	1/2	1,969.85	1/2	2,243.69	1/2	2,517.53	1/2	2,791.37	1/2	2,995.65	1/2		1/2		1/2		1/2
3/4	61.71	3/4	332.52	3/4	606.36	3/4	880.20	3/4	1,154.04	3/4	1,427.88	3/4	1,701.71	3/4	1,975.55	3/4	2,249.39	3/4	2,523.23	3/4	2,797.07	3/4	2,996.46	3/4		3/4		3/4		3/4
3	67.32	3	338.22	3	612.06	3	885.90	3	1,159.74	3	1,433.58	3	1,707.42	3	1,981.26	3	2,255.10	3	2,528.94	3	2,802.78	3	2,997.28	3		3		3		3
1/4	72.94	1/4	343.93	1/4	617.77	1/4	891.61	1/4	1,165.45	1/4	1,439.29	1/4	1,713.12	1/4	1,986.96	1/4	2,260.80	1/4	2,534.64	1/4	2,808.48	1/4	2,998.09	1/4		1/4		1/4		1/4
1/2	78.55	1/2	349.63	1/2	623.47	1/2	897.31	1/2	1,171.15	1/2	1,444.99	1/2	1,718.83	1/2	1,992.67	1/2	2,266.61	1/2	2,540.35	1/2	2,814.19	1/2	2,998.91	1/2		1/2		1/2		1/2
3/4	84.16	3/4	355.34	3/4	629.18	3/4	903.02	3/4	1,176.86	3/4	1,450.70	3/4	1,724.53	3/4	1,998.37	3/4	2,272.21	3/4	2,546.05	3/4	2,819.89	3/4	2,999.72	3/4		3/4		3/4		3/4
4	89.78	4	361.04	4	634.88	4	908.72	4	1,182.56	4	1,456.40	4	1,730.24	4	2,004.08	4	2,277.92	4	2,551.76	4	2,825.60	4	3,000.54	4		4		4		4
1/4	95.39	1/4	366.75	1/4	640.59	1/4	914.43	1/4	1,188.27	1/4	1,462.11	1/4	1,735.94	1/4	2,009.78	1/4	2,283.62	1/4	2,557.46	1/4	2,831.30	1/4	3,001.35	1/4		1/4		1/4		1/4
1/2	101.00	1/2	372.45	1/2	646.29	1/2	920.13	1/2	1,193.97	1/2	1,467.81	1/2	1,741.65	1/2	2,015.49	1/2	2,289.33	1/2	2,563.17	1/2	2,837.01	1/2	3,002.17	1/2		1/2		1/2		1/2
3/4	106.62	3/4	378.16	3/4	652.00	3/4	925.84	3/4	1,199.68	3/4	1,473.52	3/4	1,747.35	3/4	2,021.19	3/4	2,295.03	3/4	2,568.87	3/4	2,842.71	3/4	3,002.31	3/4		3/4		3/4		3/4
5	112.23	5	383.86	5	657.70	5	931.54	5	1,205.38	5	1,479.22	5	1,753.06	5	2,026.90	5	2,300.74	5	2,574.58	5	2,848.42	5	3,002.44	5		5		5		5
1/4	117.84	1/4	389.57	1/4	663.41	1/4	937.25	1/4	1,211.09	1/4	1,484.93	1/4	1,758.76	1/4	2,032.60	1/4	2,306.44	1/4	2,580.28	1/4	2,854.12	1/4		1/4		1/4		1/4		1/4
1/2	123.45	1/2	395.27	1/2	669.11	1/2	942.95	1/2	1,216.79	1/2	1,490.63	1/2	1,764.47	1/2	2,038.31	1/2	2,312.15	1/2	2,585.99	1/2	2,859.83	1/2		1/2		1/2		1/2		1/2
3/4	129.07	3/4	400.98	3/4	674.82	3/4	948.66	3/4	1,222.50	3/4	1,496.34	3/4	1,770.17	3/4	2,044.01	3/4	2,317.85	3/4	2,591.69	3/4	2,865.53	3/4		3/4		3/4		3/4		3/4
6	134.68	6	406.68	6	680.52	6	954.36	6	1,228.20	6	1,502.04	6	1,775.88	6	2,049.72	6	2,323.56	6	2,597.40	6	2,871.24	6		6		6		6		6
1/4	140.29	1/4	412.39	1/4	686.23	1/4	960.07	1/4	1,233.91	1/4	1,507.75	1/4	1,781.58	1/4	2,055.42	1/4	2,329.26	1/4	2,603.10	1/4	2,876.94	1/4		1/4		1/4		1/4		1/4
1/2	145.91	1/2	418.09	1/2	691.93	1/2	965.77	1/2	1,239.61	1/2	1,513.45	1/2	1,787.29	1/2	2,061.13	1/2	2,334.97	1/2	2,608.81	1/2	2,882.65	1/2		1/2		1/2		1/2		1/2
3/4	151.52	3/4	423.80	3/4	697.64	3/4	971.48	3/4	1,245.32	3/4	1,519.16	3/4	1,792.99	3/4	2,066.83	3/4	2,340.67	3/4	2,614.51	3/4	2,887.81	3/4		3/4		3/4		3/4		3/4
7	157.13	7	429.50	7	703.34	7	977.18	7	1,251.02	7	1,524.86	7	1,798.70	7	2,072.54	7	2,346.38	7	2,620.22	7	2,892.97	7		7		7		7		7
1/4	162.75	1/4	435.21	1/4	709.05	1/4	982.89	1/4	1,256.73	1/4	1,530.57	1/4	1,804.40	1/4	2,078.24	1/4	2,352.08	1/4	2,625.92	1/4	2,898.13	1/4		1/4		1/4		1/4		1/4
1/2	168.36	1/2	440.91	1/2	714.75	1/2	988.59	1/2	1,262.43	1/2	1,536.27	1/2	1,810.11	1/2	2,083.95	1/2	2,357.79	1/2	2,631.63	1/2	2,903.29	1/2		1/2		1/2		1/2		1/2
3/4	173.97	3/4	446.61	3/4	720.46	3/4	994.30	3/4	1,268.14	3/4	1,541.98	3/4	1,815.81	3/4	2,089.65	3/4	2,363.49	3/4	2,637.33	3/4	2,908.45	3/4		3/4		3/4		3/4		3/4
8	179.58	8	452.32	8	726.16	8	1,000.00	8	1,273.84	8	1,547.68	8	1,821.52	8	2,095.36	8	2,369.20	8	2,643.04	8	2,913.62	8		8		8		8		8
1/4	185.20	1/4	458.02	1/4	731.87	1/4	1,005.71	1/4	1,279.55	1/4	1,553.39	1/4	1,827.22	1/4	2,101.06	1/4	2,374.90	1/4	2,648.74	1/4	2,918.74	1/4		1/4		1/4		1/4		1/4
1/2	190.81	1/2	463.73	1/2	737.57	1/2	1,011.41	1/2	1,285.25	1/2	1,559.09	1/2	1,832.93	1/2	2,106.77	1/2	2,380.61	1/2	2,654.45	1/2	2,923.94	1/2		1/2		1/2		1/2		1/2
3/4	196.42	3/4	469.43	3/4	743.28	3/4	1,017.12	3/4	1,290.96	3/4	1,564.80	3/4	1,838.63	3/4	2,112.47	3/4	2,386.31	3/4	2,660.15	3/4	2,928.01	3/4		3/4		3/4		3/4		3/4
9	202.04	9	475.14	9	748.98	9	1,022.82	9	1,296.66	9	1,570.50	9	1,844.34	9	2,118.18	9	2,392.02	9	2,665.86	9	2,932.09	9		9		9		9		9
1/4	207.65	1/4	480.84	1/4	754.69	1/4	1,028.53	1/4	1,302.37	1/4	1,576.21	1/4	1,850.04	1/4	2															





# BARGE "MM-33" MAGNOLIA MARINE

## INNAGE TABLE

4 PORT OR STAR

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

HULL NO. 4587

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.	
0	11.66	0	276.28	0	551.99	0	827.70	0	1,103.42	0	1,379.13	0	1,654.84	0	1,930.55	0	2,206.26	0	2,481.98	0	2,757.69	0	3,001.21	0		0		0	
1/4	15.23	1/4	282.02	1/4	557.74	1/4	833.45	1/4	1,109.16	1/4	1,384.87	1/4	1,660.58	1/4	1,936.30	1/4	2,212.01	1/4	2,487.72	1/4	2,763.43	1/4	3,004.27	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18.79	1/2	287.77	1/2	563.48	1/2	839.19	1/2	1,114.90	1/2	1,390.62	1/2	1,666.33	1/2	1,942.04	1/2	2,217.75	1/2	2,493.46	1/2	2,769.18	1/2	3,007.34	1/2	1/2	1/2	1/2	1/2	1/2
3/4	22.35	3/4	293.51	3/4	569.22	3/4	844.94	3/4	1,120.65	3/4	1,396.36	3/4	1,672.07	3/4	1,947.78	3/4	2,223.50	3/4	2,499.21	3/4	2,774.92	3/4	3,009.29	3/4	3/4	3/4	3/4	3/4	3/4
1	25.91	1	299.26	1	574.97	1	850.68	1	1,126.39	1	1,402.10	1	1,677.82	1	1,953.53	1	2,229.24	1	2,504.95	1	2,780.66	1	3,011.24	1	1	1	1	1	1
1/4	30.94	1/4	305.00	1/4	580.71	1/4	856.42	1/4	1,132.14	1/4	1,407.85	1/4	1,683.56	1/4	1,959.27	1/4	2,234.98	1/4	2,510.70	1/4	2,786.41	1/4	3,013.19	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35.96	1/2	310.74	1/2	586.46	1/2	862.17	1/2	1,137.88	1/2	1,413.59	1/2	1,689.30	1/2	1,965.02	1/2	2,240.73	1/2	2,516.44	1/2	2,792.15	1/2	3,015.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	40.99	3/4	316.49	3/4	592.20	3/4	867.91	3/4	1,143.62	3/4	1,419.34	3/4	1,695.05	3/4	1,970.76	3/4	2,246.47	3/4	2,522.18	3/4	2,797.90	3/4	3,017.09	3/4	3/4	3/4	3/4	3/4	3/4
2	46.02	2	322.23	2	597.94	2	873.66	2	1,149.37	2	1,425.08	2	1,700.79	2	1,976.50	2	2,252.22	2	2,527.93	2	2,803.64	2	3,019.04	2	2	2	2	2	2
1/4	51.77	1/4	327.98	1/4	603.69	1/4	879.40	1/4	1,155.11	1/4	1,430.82	1/4	1,706.54	1/4	1,982.25	1/4	2,257.96	1/4	2,533.67	1/4	2,809.38	1/4	3,020.99	1/4	1/4	1/4	1/4	1/4	1/4
1/2	57.53	1/2	333.72	1/2	609.43	1/2	885.14	1/2	1,160.86	1/2	1,436.57	1/2	1,712.28	1/2	1,987.99	1/2	2,263.70	1/2	2,539.42	1/2	2,815.13	1/2	3,022.94	1/2	1/2	1/2	1/2	1/2	1/2
3/4	63.29	3/4	339.46	3/4	615.18	3/4	890.89	3/4	1,166.60	3/4	1,442.31	3/4	1,718.02	3/4	1,993.74	3/4	2,269.45	3/4	2,545.16	3/4	2,820.87	3/4	3,023.78	3/4	3/4	3/4	3/4	3/4	3/4
3	69.05	3	345.21	3	620.92	3	896.63	3	1,172.34	3	1,448.06	3	1,723.77	3	1,999.48	3	2,275.19	3	2,550.90	3	2,826.62	3	3,024.62	3	3	3	3	3	3
1/4	74.81	1/4	350.95	1/4	626.66	1/4	902.38	1/4	1,178.09	1/4	1,453.80	1/4	1,729.51	1/4	2,005.22	1/4	2,280.94	1/4	2,556.65	1/4	2,832.36	1/4	3,025.45	1/4	1/4	1/4	1/4	1/4	1/4
1/2	80.56	1/2	356.70	1/2	632.41	1/2	908.12	1/2	1,183.83	1/2	1,459.54	1/2	1,735.26	1/2	2,010.97	1/2	2,286.68	1/2	2,562.39	1/2	2,838.10	1/2	3,026.29	1/2	1/2	1/2	1/2	1/2	1/2
3/4	86.32	3/4	362.44	3/4	638.15	3/4	913.86	3/4	1,189.58	3/4	1,465.29	3/4	1,741.00	3/4	2,016.71	3/4	2,292.42	3/4	2,568.14	3/4	2,843.85	3/4	3,027.12	3/4	3/4	3/4	3/4	3/4	3/4
4	92.08	4	368.18	4	643.90	4	919.61	4	1,195.32	4	1,471.03	4	1,746.74	4	2,022.46	4	2,298.17	4	2,573.88	4	2,849.59	4	3,027.96	4	4	4	4	4	4
1/4	97.84	1/4	373.93	1/4	649.64	1/4	925.35	1/4	1,201.06	1/4	1,476.78	1/4	1,752.49	1/4	2,028.20	1/4	2,303.91	1/4	2,579.62	1/4	2,855.34	1/4	3,028.80	1/4	1/4	1/4	1/4	1/4	1/4
1/2	103.60	1/2	379.67	1/2	655.38	1/2	931.10	1/2	1,206.81	1/2	1,482.52	1/2	1,758.23	1/2	2,033.94	1/2	2,309.66	1/2	2,585.37	1/2	2,861.08	1/2	3,029.63	1/2	1/2	1/2	1/2	1/2	1/2
3/4	109.35	3/4	385.42	3/4	661.13	3/4	936.84	3/4	1,212.55	3/4	1,488.26	3/4	1,763.98	3/4	2,039.69	3/4	2,315.40	3/4	2,591.11	3/4	2,866.82	3/4	3,029.77	3/4	3/4	3/4	3/4	3/4	3/4
5	115.11	5	391.16	5	666.87	5	942.58	5	1,218.30	5	1,494.01	5	1,769.72	5	2,045.43	5	2,321.14	5	2,596.86	5	2,872.57	5	3,029.91	5	5	5	5	5	5
1/4	120.87	1/4	396.90	1/4	672.62	1/4	948.33	1/4	1,224.04	1/4	1,499.75	1/4	1,775.46	1/4	2,051.18	1/4	2,326.89	1/4	2,602.60	1/4	2,878.31	1/4	3,030.14	1/4	1/4	1/4	1/4	1/4	1/4
1/2	126.63	1/2	402.65	1/2	678.36	1/2	954.07	1/2	1,229.78	1/2	1,505.50	1/2	1,781.21	1/2	2,056.92	1/2	2,332.63	1/2	2,608.34	1/2	2,884.06	1/2	3,030.38	1/2	1/2	1/2	1/2	1/2	1/2
3/4	132.39	3/4	408.39	3/4	684.10	3/4	959.82	3/4	1,235.53	3/4	1,511.24	3/4	1,786.95	3/4	2,062.66	3/4	2,338.38	3/4	2,614.09	3/4	2,889.80	3/4	3,030.62	3/4	3/4	3/4	3/4	3/4	3/4
6	138.14	6	414.14	6	689.85	6	965.56	6	1,241.27	6	1,516.98	6	1,792.70	6	2,068.41	6	2,344.12	6	2,619.83	6	2,895.54	6	3,030.86	6	6	6	6	6	6
1/4	143.90	1/4	419.88	1/4	695.59	1/4	971.30	1/4	1,247.02	1/4	1,522.73	1/4	1,798.44	1/4	2,074.15	1/4	2,349.86	1/4	2,625.58	1/4	2,901.29	1/4	3,031.10	1/4	1/4	1/4	1/4	1/4	1/4
1/2	149.66	1/2	425.62	1/2	701.34	1/2	977.05	1/2	1,252.76	1/2	1,528.47	1/2	1,804.18	1/2	2,079.90	1/2	2,355.61	1/2	2,631.32	1/2	2,907.03	1/2	3,031.34	1/2	1/2	1/2	1/2	1/2	1/2
3/4	155.42	3/4	431.37	3/4	707.08	3/4	982.79	3/4	1,258.50	3/4	1,534.22	3/4	1,809.93	3/4	2,085.64	3/4	2,361.35	3/4	2,637.06	3/4	2,912.33	3/4	3,031.58	3/4	3/4	3/4	3/4	3/4	3/4
7	161.18	7	437.11	7	712.82	7	988.54	7	1,264.25	7	1,539.96	7	1,815.67	7	2,091.38	7	2,367.10	7	2,642.81	7	2,917.62	7	3,031.82	7	7	7	7	7	7
1/4	166.93	1/4	442.86	1/4	718.57	1/4	994.28	1/4	1,269.99	1/4	1,545.70	1/4	1,821.42	1/4	2,097.13	1/4	2,372.84	1/4	2,648.55	1/4	2,922.91	1/4	3,032.06	1/4	1/4	1/4	1/4	1/4	1/4
1/2	172.69	1/2	448.60	1/2	724.31	1/2	1,000.02	1/2	1,275.74	1/2	1,551.45	1/2	1,827.16	1/2	2,102.87	1/2	2,378.58	1/2	2,654.30	1/2	2,928.21	1/2	3,032.30	1/2	1/2	1/2	1/2	1/2	1/2
3/4	178.45	3/4	454.34	3/4	730.06	3/4	1,005.77	3/4	1,281.48	3/4	1,557.19	3/4	1,832.90	3/4	2,108.62	3/4	2,384.33	3/4	2,660.04	3/4	2,933.50	3/4	3,032.54	3/4	3/4	3/4	3/4	3/4	3/4
8	184.21	8	460.09	8	735.80	8	1,011.51	8	1,287.22	8	1,562.94	8	1,838.65	8	2,114.36	8	2,390.07	8	2,665.78	8	2,938.80	8	3,032.78	8	8	8	8	8	8
1/4	189.97	1/4	465.83	1/4	741.54	1/4	1,017.26	1/4	1,292.97	1/4	1,568.68	1/4	1,844.39	1/4	2,120.10	1/4	2,395.82	1/4	2,671.53	1/4	2,944.09	1/4	3,033.02	1/4	1/4	1/4	1/4	1/4	1/4
1/2	195.72	1/2	471.58	1/2	747.29	1/2	1,023.00	1/2	1,298.71	1/2	1,574.42	1/2	1,850.14	1/2	2,125.85	1/2	2,401.56	1/2	2,677.27	1/2	2,949.38	1/2	3,033.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	201.48	3/4	477.32	3/4	753.03	3/4	1,028.74	3/4	1,304.46	3/4	1,580.17	3/4	1,855.88	3/4	2,131.59	3/4	2,407.30	3/4	2,683.02	3/4	2,953.56	3/4	3,033.50	3/4	3/4	3/4	3/4	3/4	3/4
9	207.24	9	483.06	9	758.78	9	1,034.49	9	1,310.20	9	1,585.91	9	1,861.62	9	2,137.34	9	2,413.05	9	2,688.76	9	2,957.74	9	3,033.74	9	9	9	9	9	9
1/4	213.00	1/4	488.81	1/4	764.52	1/4	1,040.23	1/4	1,315.94	1/4	1,591.66	1/4	1,867.37	1/4	2,143.08	1/4	2,418.79	1/4	2,694.50	1/4	2,961.92	1/4	3,034.00	1/4	1/4	1/4	1/4	1/4	1/4
1/2	218.76	1/2	494.55	1/2	770.26	1/2	1,045.98	1/2	1,321.69	1/2	1,597.40	1/2	1,873.11	1/2	2,148.82	1/2	2,424.54	1/2	2,700.25	1/2	2,966.10	1/2	3,034.24						



# BARGE "MM-33"

## MAGNOLIA MARINE

HULL NO. 4587

CORRECTION TABLE FOR TRIM AFT.


### FOR INNAGE GAUGES ONLY

TRIM	TANKS NO. 1 PORT OR STAR.	TANKS NO. 2 OR 3 PORT OR STAR.	TANKS NO. 4 PORT OR STAR.
0'-6"	NIL	(-) 0' - 0 1/8"	(-) 0' - 0 1/8"
1'-0"	(-) 0' - 0 1/8"	(-) 0' - 0 1/4"	(-) 0' - 0 1/8"
1'-6"	(-) 0' - 0 1/8"	(-) 0' - 0 3/8"	(-) 0' - 0 1/4"
2'-0"	(-) 0' - 0 1/8"	(-) 0' - 0 1/2"	(-) 0' - 0 1/4"
2'-6"	(-) 0' - 0 1/4"	(-) 0' - 0 5/8"	(-) 0' - 0 1/4"
3'-0"	(-) 0' - 0 1/4"	(-) 0' - 0 3/4"	(-) 0' - 0 3/8"
3'-6"	(-) 0' - 0 1/4"	(-) 0' - 0 7/8"	(-) 0' - 0 3/8"
4'-0"	(-) 0' - 0 3/8"	(-) 0' - 1"	(-) 0' - 0 1/2"
4'-6"	(-) 0' - 0 3/8"	(-) 0' - 1 1/8"	(-) 0' - 0 1/2"
5'-0"	(-) 0' - 0 3/8"	(-) 0' - 1 1/4"	(-) 0' - 0 5/8"

NOTE: FOR TRIM FWD., REVERSE SIGNS.

NOTE: IF LIQUID SURFACE TOUCHES TANK BOTTOM OR DECK WHEN GAUGED, TRIM CORRECTIONS ARE NOT ACCURATE.

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 6/3/08 BY:  INSPECTORATE AMERICA CORPORATION