



BARGE "MM 63" MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4556

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	IN	OUT
0	16.84	0	328.17	0	682.60	0	1,048.46	0	1,414.31	0	1,780.17	0	2,146.02	0	2,511.88	0	2,877.74	0	3,243.59	0	3,609.45	0	3,930.81	0		0		0			
1/4	21.08	1/4	335.25	1/4	690.22	1/4	1,056.08	1/4	1,421.93	1/4	1,787.79	1/4	2,153.65	1/4	2,519.50	1/4	2,885.36	1/4	3,251.21	1/4	3,617.07	1/4	3,934.82	1/4		1/4		1/4			
1/2	25.33	1/2	342.34	1/2	697.84	1/2	1,063.70	1/2	1,429.56	1/2	1,795.41	1/2	2,161.27	1/2	2,527.12	1/2	2,892.98	1/2	3,258.84	1/2	3,624.69	1/2	3,938.83	1/2		1/2		1/2			
3/4	29.57	3/4	349.42	3/4	705.47	3/4	1,071.32	3/4	1,437.18	3/4	1,803.03	3/4	2,168.89	3/4	2,534.75	3/4	2,900.60	3/4	3,266.46	3/4	3,632.31	3/4	3,941.38	3/4		3/4		3/4			
1	33.82	1	356.51	1	713.09	1	1,078.94	1	1,444.80	1	1,810.66	1	2,176.51	1	2,542.37	1	2,908.22	1	3,274.08	1	3,639.94	1	3,943.93	1		1		1			
1/4	39.55	1/4	363.59	1/4	720.71	1/4	1,086.57	1/4	1,452.42	1/4	1,818.28	1/4	2,184.13	1/4	2,549.99	1/4	2,915.85	1/4	3,281.70	1/4	3,647.56	1/4	3,946.48	1/4		1/4		1/4			
1/2	45.29	1/2	370.68	1/2	728.33	1/2	1,094.19	1/2	1,460.04	1/2	1,825.90	1/2	2,191.76	1/2	2,557.61	1/2	2,923.47	1/2	3,289.32	1/2	3,655.18	1/2	3,949.03	1/2		1/2		1/2			
3/4	51.03	3/4	377.76	3/4	735.95	3/4	1,101.81	3/4	1,467.67	3/4	1,833.52	3/4	2,199.38	3/4	2,565.23	3/4	2,931.09	3/4	3,296.95	3/4	3,662.80	3/4	3,951.58	3/4		3/4		3/4			
2	56.77	2	384.85	2	743.58	2	1,109.43	2	1,475.29	2	1,841.14	2	2,207.00	2	2,572.86	2	2,938.71	2	3,304.57	2	3,670.42	2	3,954.13	2		2		2			
1/4	63.25	1/4	391.93	1/4	751.20	1/4	1,117.05	1/4	1,482.91	1/4	1,848.77	1/4	2,214.62	1/4	2,580.48	1/4	2,946.33	1/4	3,312.19	1/4	3,678.05	1/4	3,956.68	1/4		1/4		1/4			
1/2	69.74	1/2	399.02	1/2	758.82	1/2	1,124.68	1/2	1,490.53	1/2	1,856.39	1/2	2,222.24	1/2	2,588.10	1/2	2,953.96	1/2	3,319.81	1/2	3,685.67	1/2	3,959.24	1/2		1/2		1/2			
3/4	76.22	3/4	406.10	3/4	766.44	3/4	1,132.30	3/4	1,498.15	3/4	1,864.01	3/4	2,229.87	3/4	2,595.72	3/4	2,961.58	3/4	3,327.43	3/4	3,693.29	3/4	3,960.33	3/4		3/4		3/4			
3	82.71	3	413.19	3	774.06	3	1,139.92	3	1,505.78	3	1,871.63	3	2,237.49	3	2,603.34	3	2,969.20	3	3,335.06	3	3,700.91	3	3,961.42	3		3		3			
1/4	89.19	1/4	420.27	1/4	781.69	1/4	1,147.54	1/4	1,513.40	1/4	1,879.25	1/4	2,245.11	1/4	2,610.97	1/4	2,976.82	1/4	3,342.68	1/4	3,708.53	1/4	3,962.51	1/4		1/4		1/4			
1/2	95.68	1/2	427.36	1/2	789.31	1/2	1,155.16	1/2	1,521.02	1/2	1,886.88	1/2	2,252.73	1/2	2,618.59	1/2	2,984.44	1/2	3,350.30	1/2	3,716.16	1/2	3,963.61	1/2		1/2		1/2			
3/4	102.16	3/4	434.44	3/4	796.93	3/4	1,162.79	3/4	1,528.64	3/4	1,894.50	3/4	2,260.35	3/4	2,626.21	3/4	2,992.07	3/4	3,357.92	3/4	3,723.78	3/4	3,964.70	3/4		3/4		3/4			
4	108.65	4	441.53	4	804.55	4	1,170.41	4	1,536.26	4	1,902.12	4	2,267.98	4	2,633.83	4	2,999.69	4	3,365.54	4	3,731.40	4	3,965.79	4		4		4			
1/4	115.43	1/4	449.03	1/4	812.17	1/4	1,178.03	1/4	1,543.89	1/4	1,909.74	1/4	2,275.60	1/4	2,641.45	1/4	3,007.31	1/4	3,373.17	1/4	3,739.02	1/4	3,966.89	1/4		1/4		1/4			
1/2	122.22	1/2	456.54	1/2	819.80	1/2	1,185.65	1/2	1,551.51	1/2	1,917.36	1/2	2,283.22	1/2	2,649.08	1/2	3,014.93	1/2	3,380.79	1/2	3,746.64	1/2	3,967.98	1/2		1/2		1/2			
3/4	129.00	3/4	464.04	3/4	827.42	3/4	1,193.27	3/4	1,559.13	3/4	1,924.99	3/4	2,290.84	3/4	2,656.70	3/4	3,022.55	3/4	3,388.41	3/4	3,754.27	3/4	3,968.16	3/4		3/4		3/4			
5	135.79	5	471.54	5	835.04	5	1,200.90	5	1,566.75	5	1,932.61	5	2,298.46	5	2,664.32	5	3,030.18	5	3,396.03	5	3,761.89	5	3,968.34	5		5		5			
1/4	142.57	1/4	479.05	1/4	842.66	1/4	1,208.52	1/4	1,574.37	1/4	1,940.23	1/4	2,306.09	1/4	2,671.94	1/4	3,037.80	1/4	3,403.65	1/4	3,769.51	1/4		1/4		1/4		1/4			
1/2	149.36	1/2	486.55	1/2	850.28	1/2	1,216.14	1/2	1,582.00	1/2	1,947.85	1/2	2,313.71	1/2	2,679.56	1/2	3,045.42	1/2	3,411.28	1/2	3,777.13	1/2		1/2		1/2		1/2			
3/4	156.14	3/4	494.06	3/4	857.91	3/4	1,223.76	3/4	1,589.62	3/4	1,955.47	3/4	2,321.33	3/4	2,687.19	3/4	3,053.04	3/4	3,418.90	3/4	3,784.75	3/4		3/4		3/4		3/4			
6	162.93	6	501.56	6	865.53	6	1,231.38	6	1,597.24	6	1,963.10	6	2,328.95	6	2,694.81	6	3,060.66	6	3,426.52	6	3,792.38	6		6		6		6			
1/4	169.71	1/4	509.06	1/4	873.15	1/4	1,239.01	1/4	1,604.86	1/4	1,970.72	1/4	2,336.57	1/4	2,702.43	1/4	3,068.29	1/4	3,434.14	1/4	3,800.00	1/4		1/4		1/4		1/4			
1/2	176.50	1/2	516.57	1/2	880.77	1/2	1,246.63	1/2	1,612.48	1/2	1,978.34	1/2	2,344.20	1/2	2,710.05	1/2	3,075.91	1/2	3,441.76	1/2	3,807.62	1/2		1/2		1/2		1/2			
3/4	183.28	3/4	524.07	3/4	888.39	3/4	1,254.25	3/4	1,620.11	3/4	1,985.96	3/4	2,351.82	3/4	2,717.67	3/4	3,083.53	3/4	3,449.39	3/4	3,814.54	3/4		3/4		3/4		3/4			
7	190.07	7	531.58	7	896.02	7	1,261.87	7	1,627.73	7	1,993.58	7	2,359.44	7	2,725.30	7	3,091.15	7	3,457.01	7	3,821.47	7		7		7		7			
1/4	196.85	1/4	539.08	1/4	903.64	1/4	1,269.49	1/4	1,635.35	1/4	2,001.21	1/4	2,367.06	1/4	2,732.92	1/4	3,098.77	1/4	3,464.63	1/4	3,828.39	1/4		1/4		1/4		1/4			
1/2	203.64	1/2	546.58	1/2	911.26	1/2	1,277.12	1/2	1,642.97	1/2	2,008.83	1/2	2,374.68	1/2	2,740.54	1/2	3,106.40	1/2	3,472.25	1/2	3,835.32	1/2		1/2		1/2		1/2			
3/4	210.42	3/4	554.09	3/4	918.88	3/4	1,284.74	3/4	1,650.59	3/4	2,016.45	3/4	2,382.31	3/4	2,748.16	3/4	3,114.02	3/4	3,479.87	3/4	3,842.24	3/4		3/4		3/4		3/4			
8	217.21	8	561.59	8	926.50	8	1,292.36	8	1,658.22	8	2,024.07	8	2,389.93	8	2,755.78	8	3,121.64	8	3,487.50	8	3,849.17	8		8		8		8			
1/4	223.99	1/4	569.10	1/4	934.13	1/4	1,299.98	1/4	1,665.84	1/4	2,031.69	1/4	2,397.55	1/4	2,763.41	1/4	3,129.26	1/4	3,495.12	1/4	3,856.09	1/4		1/4		1/4		1/4			
1/2	230.78	1/2	576.60	1/2	941.75	1/2	1,307.60	1/2	1,673.46	1/2	2,039.32	1/2	2,405.17	1/2	2,771.03	1/2	3,136.88	1/2	3,502.74	1/2	3,863.02	1/2		1/2		1/2		1/2			
3/4	237.56	3/4	584.10	3/4	949.37	3/4	1,315.23	3/4	1,681.08	3/4	2,046.94	3/4	2,412.79	3/4	2,778.65	3/4	3,144.51	3/4	3,510.36	3/4	3,868.49	3/4		3/4		3/4		3/4			
9	244.35	9	591.61	9	956.99	9	1,322.85	9	1,688.70	9	2,054.56	9	2,420.42	9	2,786.27	9	3,152.13	9	3,517.98	9	3,873.95	9		9		9		9			
1/4	251.13	1/4	599.11	1/4	964.61	1/4	1,330.47	1/4	1,696.33	1/4	2,062.18	1/4	2,428.04	1/4	2,793.89	1/4	3,159.75	1/4	3,525.61	1/4	3,879.42	1/4		1/4		1/4		1/4			
1/2	257.92	1/2	606.62	1/2	972.24	1/2	1,338.09	1/2	1,703.95	1/2	2,069.80	1/2	2,435.66	1/2	2,801.52	1/2	3,167.37	1/2	3,533.23	1/2	3,884.89	1/2		1/2		1/2		1/2			
3/4	264.70	3/4	614.12	3/4	979.86	3/4	1,345.71	3/4	1,711.57	3/4	2,077.43	3/4	2,443.28	3/4	2,809.14	3/4	3,174.99	3/4	3,540.85	3/4	3,890.35	3/4		3/4		3/4		3/4			
10	271.49	10	621.62	10	987.48	10	1,353.34	10	1,719.19	10	2,085.05	10	2,450.90	10	2,816.76	10	3,182.62	10	3,548.47	10	3,895.82	10		10		10		10			
1/4	278.57	1/4	629.25	1/4	995.10	1/4	1,360.96	1/4	1,726.81	1/4	2,092.67	1/4	2,458.53	1/4	2,824.38	1/4															



BARGE "MM 63" MAGNOLIA MARINE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4556

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	*	14.63	0	348.98	0	703.56	0	1,058.13	0	1,412.71	0	1,767.28	0	2,121.86	0	2,476.44	0	2,831.01	0	3,185.59	0	3,540.16	0	3,851.04	0		0		0
1/4		19.12	1/4	356.37	1/4	710.94	1/4	1,065.52	1/4	1,420.09	1/4	1,774.67	1/4	2,129.25	1/4	2,483.82	1/4	2,838.40	1/4	3,192.98	1/4	3,547.55	1/4	3,854.90	1/4		1/4		1/4
1/2		23.62	1/2	363.75	1/2	718.33	1/2	1,072.91	1/2	1,427.48	1/2	1,782.06	1/2	2,136.63	1/2	2,491.21	1/2	2,845.79	1/2	3,200.36	1/2	3,554.94	1/2	3,858.77	1/2		1/2		1/2
3/4		28.11	3/4	371.14	3/4	725.72	3/4	1,080.29	3/4	1,434.87	3/4	1,789.44	3/4	2,144.02	3/4	2,498.60	3/4	2,853.17	3/4	3,207.75	3/4	3,562.33	3/4	3,861.23	3/4		3/4		3/4
1		32.60	1	378.53	1	733.10	1	1,087.68	1	1,442.26	1	1,796.83	1	2,151.41	1	2,505.98	1	2,860.56	1	3,215.14	1	3,569.71	1	3,863.69	1		1		1
1/4		38.94	1/4	385.92	1/4	740.49	1/4	1,095.07	1/4	1,449.64	1/4	1,804.22	1/4	2,158.79	1/4	2,513.37	1/4	2,867.95	1/4	3,222.52	1/4	3,577.10	1/4	3,866.15	1/4		1/4		1/4
1/2		45.28	1/2	393.30	1/2	747.88	1/2	1,102.45	1/2	1,457.03	1/2	1,811.61	1/2	2,166.18	1/2	2,520.76	1/2	2,875.33	1/2	3,229.91	1/2	3,584.49	1/2	3,868.61	1/2		1/2		1/2
3/4		51.62	3/4	400.69	3/4	755.26	3/4	1,109.84	3/4	1,464.42	3/4	1,818.99	3/4	2,173.57	3/4	2,528.15	3/4	2,882.72	3/4	3,237.30	3/4	3,591.87	3/4	3,871.08	3/4		3/4		3/4
2		57.96	2	408.08	2	762.65	2	1,117.23	2	1,471.80	2	1,826.38	2	2,180.96	2	2,535.53	2	2,890.11	2	3,244.68	2	3,599.26	2	3,873.54	2		2		2
1/4		65.23	1/4	415.46	1/4	770.04	1/4	1,124.62	1/4	1,479.19	1/4	1,833.77	1/4	2,188.34	1/4	2,542.92	1/4	2,897.50	1/4	3,252.07	1/4	3,606.65	1/4	3,876.00	1/4		1/4		1/4
1/2		72.49	1/2	422.85	1/2	777.43	1/2	1,132.00	1/2	1,486.58	1/2	1,841.15	1/2	2,195.73	1/2	2,550.31	1/2	2,904.88	1/2	3,259.46	1/2	3,614.03	1/2	3,878.46	1/2		1/2		1/2
3/4		79.75	3/4	430.24	3/4	784.81	3/4	1,139.39	3/4	1,493.96	3/4	1,848.54	3/4	2,203.12	3/4	2,557.69	3/4	2,912.27	3/4	3,266.85	3/4	3,621.42	3/4	3,879.51	3/4		3/4		3/4
3		87.02	3	437.62	3	792.20	3	1,146.78	3	1,501.35	3	1,855.93	3	2,210.50	3	2,565.08	3	2,919.66	3	3,274.23	3	3,628.81	3	3,880.57	3		3		3
1/4		94.28	1/4	445.01	1/4	799.59	1/4	1,154.16	1/4	1,508.74	1/4	1,863.31	1/4	2,217.89	1/4	2,572.47	1/4	2,927.04	1/4	3,281.62	1/4	3,636.20	1/4	3,881.62	1/4		1/4		1/4
1/2		101.54	1/2	452.40	1/2	806.97	1/2	1,161.55	1/2	1,516.13	1/2	1,870.70	1/2	2,225.28	1/2	2,579.85	1/2	2,934.43	1/2	3,289.01	1/2	3,643.58	1/2	3,882.67	1/2		1/2		1/2
3/4		108.81	3/4	459.79	3/4	814.36	3/4	1,168.94	3/4	1,523.51	3/4	1,878.09	3/4	2,232.66	3/4	2,587.24	3/4	2,941.82	3/4	3,296.39	3/4	3,650.97	3/4	3,883.73	3/4		3/4		3/4
4		116.07	4	467.17	4	821.75	4	1,176.32	4	1,530.90	4	1,885.48	4	2,240.05	4	2,594.63	4	2,949.20	4	3,303.78	4	3,658.36	4	3,884.78	4		4		4
1/4		123.33	1/4	474.56	1/4	829.13	1/4	1,183.71	1/4	1,538.29	1/4	1,892.86	1/4	2,247.44	1/4	2,602.02	1/4	2,956.59	1/4	3,311.17	1/4	3,665.74	1/4	3,885.84	1/4		1/4		1/4
1/2		130.59	1/2	481.95	1/2	836.52	1/2	1,191.10	1/2	1,545.67	1/2	1,900.25	1/2	2,254.83	1/2	2,609.40	1/2	2,963.98	1/2	3,318.55	1/2	3,673.13	1/2	3,886.89	1/2		1/2		1/2
3/4		137.86	3/4	489.33	3/4	843.91	3/4	1,198.48	3/4	1,553.06	3/4	1,907.64	3/4	2,262.21	3/4	2,616.79	3/4	2,971.37	3/4	3,325.94	3/4	3,680.52	3/4	3,887.07	3/4		3/4		3/4
5		145.12	5	496.72	5	851.30	5	1,205.87	5	1,560.45	5	1,915.02	5	2,269.60	5	2,624.18	5	2,978.75	5	3,333.33	5	3,687.90	5	3,887.24	5		5		5
1/4		152.38	1/4	504.11	1/4	858.68	1/4	1,213.26	1/4	1,567.83	1/4	1,922.41	1/4	2,276.99	1/4	2,631.56	1/4	2,986.14	1/4	3,340.72	1/4	3,695.29	1/4		1/4		1/4		1/4
1/2		159.65	1/2	511.49	1/2	866.07	1/2	1,220.65	1/2	1,575.22	1/2	1,929.80	1/2	2,284.37	1/2	2,638.95	1/2	2,993.53	1/2	3,348.10	1/2	3,702.68	1/2		1/2		1/2		1/2
3/4		166.91	3/4	518.88	3/4	873.46	3/4	1,228.03	3/4	1,582.61	3/4	1,937.18	3/4	2,291.76	3/4	2,646.34	3/4	3,000.91	3/4	3,355.49	3/4	3,710.07	3/4		3/4		3/4		3/4
6		174.17	6	526.27	6	880.84	6	1,235.42	6	1,590.00	6	1,944.57	6	2,299.15	6	2,653.72	6	3,008.30	6	3,362.88	6	3,717.45	6		6		6		6
1/4		181.44	1/4	533.66	1/4	888.23	1/4	1,242.81	1/4	1,597.38	1/4	1,951.96	1/4	2,306.53	1/4	2,661.11	1/4	3,015.69	1/4	3,370.26	1/4	3,724.84	1/4		1/4		1/4		1/4
1/2		188.70	1/2	541.04	1/2	895.62	1/2	1,250.19	1/2	1,604.77	1/2	1,959.35	1/2	2,313.92	1/2	2,668.50	1/2	3,023.07	1/2	3,377.65	1/2	3,732.23	1/2		1/2		1/2		1/2
3/4		195.96	3/4	548.43	3/4	903.00	3/4	1,257.58	3/4	1,612.16	3/4	1,966.73	3/4	2,321.31	3/4	2,675.89	3/4	3,030.46	3/4	3,385.04	3/4	3,738.91	3/4		3/4		3/4		3/4
7		203.22	7	555.82	7	910.39	7	1,264.97	7	1,619.54	7	1,974.12	7	2,328.70	7	2,683.27	7	3,037.85	7	3,392.42	7	3,745.58	7		7		7		7
1/4		210.49	1/4	563.20	1/4	917.78	1/4	1,272.35	1/4	1,626.93	1/4	1,981.51	1/4	2,336.08	1/4	2,690.66	1/4	3,045.24	1/4	3,399.81	1/4	3,752.26	1/4		1/4		1/4		1/4
1/2		217.75	1/2	570.59	1/2	925.17	1/2	1,279.74	1/2	1,634.32	1/2	1,988.89	1/2	2,343.47	1/2	2,698.05	1/2	3,052.62	1/2	3,407.20	1/2	3,758.94	1/2		1/2		1/2		1/2
3/4		225.01	3/4	577.98	3/4	932.55	3/4	1,287.13	3/4	1,641.70	3/4	1,996.28	3/4	2,350.86	3/4	2,705.43	3/4	3,060.01	3/4	3,414.59	3/4	3,765.62	3/4		3/4		3/4		3/4
8		232.28	8	585.36	8	939.94	8	1,294.52	8	1,649.09	8	2,003.67	8	2,358.24	8	2,712.82	8	3,067.40	8	3,421.97	8	3,772.30	8		8		8		8
1/4		239.54	1/4	592.75	1/4	947.33	1/4	1,301.90	1/4	1,656.48	1/4	2,011.05	1/4	2,365.63	1/4	2,720.21	1/4	3,074.78	1/4	3,429.36	1/4	3,778.98	1/4		1/4		1/4		1/4
1/2		246.80	1/2	600.14	1/2	954.71	1/2	1,309.29	1/2	1,663.87	1/2	2,018.44	1/2	2,373.02	1/2	2,727.59	1/2	3,082.17	1/2	3,436.75	1/2	3,785.66	1/2		1/2		1/2		1/2
3/4		254.07	3/4	607.52	3/4	962.10	3/4	1,316.68	3/4	1,671.25	3/4	2,025.83	3/4	2,380.41	3/4	2,734.98	3/4	3,089.56	3/4	3,444.13	3/4	3,790.93	3/4		3/4		3/4		3/4
9		261.33	9	614.91	9	969.49	9	1,324.06	9	1,678.64	9	2,033.22	9	2,387.79	9	2,742.37	9	3,096.94	9	3,451.52	9	3,796.20	9		9		9		9
1/4		268.59	1/4	622.30	1/4	976.87	1/4	1,331.45	1/4	1,686.03	1/4	2,040.60	1/4	2,395.18	1/4	2,749.76	1/4	3,104.33	1/4	3,458.91	1/4	3,801.47							



BARGE "MM 63" MAGNOLIA MARINE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4556

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	* 15.08	0	360.02	0	725.30	0	1,090.58	0	1,455.86	0	1,821.14	0	2,186.42	0	2,551.70	0	2,916.98	0	3,282.26	0	3,647.54	0	3,967.99	0		0		0	
1/4	19.72	1/4	367.63	1/4	732.91	1/4	1,098.19	1/4	1,463.47	1/4	1,828.75	1/4	2,194.03	1/4	2,559.31	1/4	2,924.59	1/4	3,289.87	1/4	3,655.15	1/4	3,971.98	1/4		1/4		1/4	
1/2	24.35	1/2	375.24	1/2	740.52	1/2	1,105.80	1/2	1,471.08	1/2	1,836.36	1/2	2,201.64	1/2	2,566.92	1/2	2,932.20	1/2	3,297.48	1/2	3,662.76	1/2	3,975.97	1/2		1/2		1/2	
3/4	28.99	3/4	382.85	3/4	748.13	3/4	1,113.41	3/4	1,478.69	3/4	1,843.97	3/4	2,209.25	3/4	2,574.53	3/4	2,939.81	3/4	3,305.09	3/4	3,670.37	3/4	3,978.51	3/4		3/4		3/4	
1	33.63	1	390.46	1	755.74	1	1,121.02	1	1,486.30	1	1,851.58	1	2,216.86	1	2,582.14	1	2,947.42	1	3,312.70	1	3,677.98	1	3,981.05	1		1		1	
1/4	40.17	1/4	398.07	1/4	763.35	1/4	1,128.63	1/4	1,493.91	1/4	1,859.19	1/4	2,224.47	1/4	2,589.75	1/4	2,955.03	1/4	3,320.31	1/4	3,685.59	1/4	3,983.59	1/4		1/4		1/4	
1/2	46.71	1/2	405.68	1/2	770.96	1/2	1,136.24	1/2	1,501.52	1/2	1,866.80	1/2	2,232.08	1/2	2,597.36	1/2	2,962.64	1/2	3,327.92	1/2	3,693.20	1/2	3,986.12	1/2		1/2		1/2	
3/4	53.25	3/4	413.29	3/4	778.57	3/4	1,143.85	3/4	1,509.13	3/4	1,874.41	3/4	2,239.69	3/4	2,604.97	3/4	2,970.25	3/4	3,335.53	3/4	3,700.81	3/4	3,988.66	3/4		3/4		3/4	
2	59.80	2	420.90	2	786.18	2	1,151.46	2	1,516.74	2	1,882.02	2	2,247.30	2	2,612.58	2	2,977.86	2	3,343.14	2	3,708.42	2	3,991.20	2		2		2	
1/4	67.29	1/4	428.51	1/4	793.79	1/4	1,159.07	1/4	1,524.35	1/4	1,889.63	1/4	2,254.91	1/4	2,620.19	1/4	2,985.47	1/4	3,350.75	1/4	3,716.03	1/4	3,993.74	1/4		1/4		1/4	
1/2	74.78	1/2	436.12	1/2	801.40	1/2	1,166.68	1/2	1,531.96	1/2	1,927.24	1/2	2,262.52	1/2	2,627.80	1/2	2,993.08	1/2	3,358.36	1/2	3,723.64	1/2	3,996.28	1/2		1/2		1/2	
3/4	82.28	3/4	443.73	3/4	809.01	3/4	1,174.29	3/4	1,539.57	3/4	1,904.85	3/4	2,270.13	3/4	2,635.41	3/4	3,000.69	3/4	3,365.97	3/4	3,731.25	3/4	3,997.37	3/4		3/4		3/4	
3	89.77	3	451.34	3	816.62	3	1,181.90	3	1,547.18	3	1,912.46	3	2,277.74	3	2,643.02	3	3,008.30	3	3,373.58	3	3,738.86	3	3,998.46	3		3		3	
1/4	97.27	1/4	458.95	1/4	824.23	1/4	1,189.51	1/4	1,554.79	1/4	1,920.07	1/4	2,285.35	1/4	2,650.63	1/4	3,015.91	1/4	3,381.19	1/4	3,746.47	1/4	3,999.54	1/4		1/4		1/4	
1/2	104.76	1/2	466.56	1/2	831.84	1/2	1,197.12	1/2	1,562.40	1/2	1,927.68	1/2	2,292.96	1/2	2,658.24	1/2	3,023.52	1/2	3,388.80	1/2	3,754.08	1/2	4,000.63	1/2		1/2		1/2	
3/4	112.25	3/4	474.17	3/4	839.45	3/4	1,204.73	3/4	1,570.01	3/4	1,935.29	3/4	2,300.57	3/4	2,665.85	3/4	3,031.13	3/4	3,396.41	3/4	3,761.69	3/4	4,001.72	3/4		3/4		3/4	
4	119.75	4	481.78	4	847.06	4	1,212.34	4	1,577.62	4	1,942.90	4	2,308.18	4	2,673.46	4	3,038.74	4	3,404.02	4	3,769.30	4	4,002.81	4		4		4	
1/4	127.24	1/4	489.39	1/4	854.67	1/4	1,219.95	1/4	1,585.23	1/4	1,950.51	1/4	2,315.79	1/4	2,681.07	1/4	3,046.35	1/4	3,411.63	1/4	3,776.91	1/4	4,003.90	1/4		1/4		1/4	
1/2	134.74	1/2	497.00	1/2	862.28	1/2	1,227.56	1/2	1,592.84	1/2	1,958.12	1/2	2,323.40	1/2	2,688.68	1/2	3,053.96	1/2	3,419.24	1/2	3,784.52	1/2	4,004.98	1/2		1/2		1/2	
3/4	142.23	3/4	504.61	3/4	869.89	3/4	1,235.17	3/4	1,600.45	3/4	1,965.73	3/4	2,331.01	3/4	2,696.29	3/4	3,061.57	3/4	3,426.85	3/4	3,792.13	3/4	4,005.17	3/4		3/4		3/4	
5	149.72	5	512.22	5	877.50	5	1,242.78	5	1,608.06	5	1,973.34	5	2,338.62	5	2,703.90	5	3,069.18	5	3,434.46	5	3,799.74	5	4,005.35	5		5		5	
1/4	157.22	1/4	519.83	1/4	885.11	1/4	1,250.39	1/4	1,615.67	1/4	1,980.95	1/4	2,346.23	1/4	2,711.51	1/4	3,076.79	1/4	3,442.07	1/4	3,807.35	1/4		1/4		1/4		1/4	
1/2	164.71	1/2	527.44	1/2	892.72	1/2	1,258.00	1/2	1,623.28	1/2	1,988.56	1/2	2,353.84	1/2	2,719.12	1/2	3,084.40	1/2	3,449.68	1/2	3,814.96	1/2		1/2		1/2		1/2	
3/4	172.21	3/4	535.05	3/4	900.33	3/4	1,265.61	3/4	1,630.89	3/4	1,996.17	3/4	2,361.45	3/4	2,726.73	3/4	3,092.01	3/4	3,457.29	3/4	3,822.57	3/4		3/4		3/4		3/4	
6	179.70	6	542.66	6	907.94	6	1,273.22	6	1,638.50	6	2,003.78	6	2,369.06	6	2,734.34	6	3,099.62	6	3,464.90	6	3,830.18	6		6		6		6	
1/4	187.19	1/4	550.27	1/4	915.55	1/4	1,280.83	1/4	1,646.11	1/4	2,011.39	1/4	2,376.67	1/4	2,741.95	1/4	3,107.23	1/4	3,472.51	1/4	3,837.79	1/4		1/4		1/4		1/4	
1/2	194.69	1/2	557.88	1/2	923.16	1/2	1,288.44	1/2	1,653.72	1/2	2,019.00	1/2	2,384.28	1/2	2,749.56	1/2	3,114.84	1/2	3,480.12	1/2	3,845.40	1/2		1/2		1/2		1/2	
3/4	202.18	3/4	565.49	3/4	930.77	3/4	1,296.05	3/4	1,661.33	3/4	2,026.61	3/4	2,391.89	3/4	2,757.17	3/4	3,122.45	3/4	3,487.73	3/4	3,852.29	3/4		3/4		3/4		3/4	
7	209.68	7	573.10	7	938.38	7	1,303.66	7	1,668.94	7	2,034.22	7	2,399.50	7	2,764.78	7	3,130.06	7	3,495.34	7	3,859.18	7		7		7		7	
1/4	217.17	1/4	580.71	1/4	945.99	1/4	1,311.27	1/4	1,676.55	1/4	2,041.83	1/4	2,407.11	1/4	2,772.39	1/4	3,137.67	1/4	3,502.95	1/4	3,866.07	1/4		1/4		1/4		1/4	
1/2	224.66	1/2	588.32	1/2	953.60	1/2	1,318.88	1/2	1,684.16	1/2	2,049.44	1/2	2,414.72	1/2	2,780.00	1/2	3,145.28	1/2	3,510.56	1/2	3,872.96	1/2		1/2		1/2		1/2	
3/4	232.16	3/4	595.93	3/4	961.21	3/4	1,326.49	3/4	1,691.77	3/4	2,057.05	3/4	2,422.33	3/4	2,787.61	3/4	3,152.89	3/4	3,518.17	3/4	3,879.86	3/4		3/4		3/4		3/4	
8	239.65	8	603.54	8	968.82	8	1,334.10	8	1,699.38	8	2,064.66	8	2,429.94	8	2,795.22	8	3,160.50	8	3,525.78	8	3,886.75	8		8		8		8	
1/4	247.15	1/4	611.15	1/4	976.43	1/4	1,341.71	1/4	1,706.99	1/4	2,072.27	1/4	2,437.55	1/4	2,802.83	1/4	3,168.11	1/4	3,533.39	1/4	3,893.64	1/4		1/4		1/4		1/4	
1/2	254.64	1/2	618.76	1/2	984.04	1/2	1,349.32	1/2	1,714.60	1/2	2,079.88	1/2	2,445.16	1/2	2,810.44	1/2	3,175.72	1/2	3,541.00	1/2	3,900.53	1/2		1/2		1/2		1/2	
3/4	262.13	3/4	626.37	3/4	991.65	3/4	1,356.93	3/4	1,722.21	3/4	2,087.49	3/4	2,452.77	3/4	2,818.05	3/4	3,183.33	3/4	3,548.61	3/4	3,905.97	3/4		3/4		3/4		3/4	
9	269.63	9	633.98	9	999.26	9	1,364.54	9	1,729.82	9	2,095.10	9	2,460.38	9	2,825.66	9	3,190.94	9	3,556.22	9	3,911.41	9		9		9		9	
1/4	277.12	1/4	641.59	1/4	1,006.87	1/4	1,372.15	1/4	1,737.43	1/4	2,102.71	1/4	2,467.99	1/4	2,833.27	1/4	3,198.55	1/4	3,563.83	1/4	3,916.85	1/4		1/4		1/4		1/4	
1/2	284.62	1/2	649.20	1/2	1,014.48	1/2	1,379.76	1/2	1,745.04	1/2	2,110.32	1/2	2,475.60	1/2	2,840.88	1/2	3,206.16	1/2	3,571.44	1/2	3,922.29	1/2		1/2		1/2		1/2	
3/4	292.11	3/4	656.81	3/4	1,022.09	3/4	1,387.37	3/4	1,752.65	3/4	2,117.93	3/4	2,483.21	3/4	2,848.49	3/4	3,213.77	3/4	3,579.05	3/4	3,927.73	3/4		3/4		3/4		3/4	
10	299.60	10	664.42	10	1,029.70	10	1,394.98	10	1,760.26	10	2,125.54	10	2,490.82	10	2,856.10	10	3,221.38	10	3,586.66	10	3,933.17	10		10		10		10	
1/4	307.10	1/4	672.03	1/4	1,037.31	1/4	1,402.59	1/4	1,767.87	1/4	2,133.15	1/4	2,498.43	1/4	2,														



BARGE "MM 63" MAGNOLIA MARINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4556

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	3,906.76	0	3,563.72	0	3,197.86	0	2,832.00	0	2,466.15	0	2,100.29	0	1,734.44	0	1,368.58	0	1,002.72	0	636.87	0	285.66	0		0		0		0
1/4	1/4	3,901.29	1/4	3,556.09	1/4	3,190.24	1/4	2,824.38	1/4	2,458.53	1/4	2,092.67	1/4	1,726.81	1/4	1,360.96	1/4	995.10	1/4	629.25	1/4	278.57	1/4		1/4		1/4		1/4
1/2	1/2	3,895.82	1/2	3,548.47	1/2	3,182.62	1/2	2,816.76	1/2	2,450.90	1/2	2,085.05	1/2	1,719.19	1/2	1,353.34	1/2	987.48	1/2	621.62	1/2	271.49	1/2		1/2		1/2		1/2
3/4	3/4	3,890.36	3/4	3,540.85	3/4	3,174.99	3/4	2,809.14	3/4	2,443.28	3/4	2,077.43	3/4	1,711.57	3/4	1,345.71	3/4	979.86	3/4	614.12	3/4	264.70	3/4		3/4		3/4		3/4
1	1	3,884.89	1	3,533.23	1	3,167.37	1	2,801.52	1	2,435.66	1	2,069.80	1	1,703.95	1	1,338.09	1	972.24	1	606.62	1	257.92	1		1		1		1
1/4	1/4	3,879.42	1/4	3,525.61	1/4	3,159.75	1/4	2,793.89	1/4	2,428.04	1/4	2,062.18	1/4	1,696.33	1/4	1,330.47	1/4	964.61	1/4	599.11	1/4	251.13	1/4		1/4		1/4		1/4
1/2	1/2	3,873.95	1/2	3,517.98	1/2	3,152.13	1/2	2,786.27	1/2	2,420.42	1/2	2,054.56	1/2	1,688.70	1/2	1,322.85	1/2	956.99	1/2	591.61	1/2	244.35	1/2		1/2		1/2		1/2
3/4	3/4	3,868.49	3/4	3,510.36	3/4	3,144.51	3/4	2,778.65	3/4	2,412.79	3/4	2,046.94	3/4	1,681.08	3/4	1,315.23	3/4	949.37	3/4	584.10	3/4	237.56	3/4		3/4		3/4		3/4
2	2	3,863.02	2	3,502.74	2	3,136.88	2	2,771.03	2	2,405.17	2	2,039.32	2	1,673.46	2	1,307.60	2	941.75	2	576.60	2	230.78	2		2		2		2
1/4	1/4	3,856.10	1/4	3,495.12	1/4	3,129.26	1/4	2,763.41	1/4	2,397.55	1/4	2,031.69	1/4	1,665.84	1/4	1,299.98	1/4	934.13	1/4	569.10	1/4	223.99	1/4		1/4		1/4		1/4
1/2	1/2	3,849.17	1/2	3,487.50	1/2	3,121.64	1/2	2,755.78	1/2	2,389.93	1/2	2,024.07	1/2	1,658.22	1/2	1,292.36	1/2	926.50	1/2	561.59	1/2	217.21	1/2		1/2		1/2		1/2
3/4	3/4	3,842.25	3/4	3,479.87	3/4	3,114.02	3/4	2,748.16	3/4	2,382.31	3/4	2,016.45	3/4	1,650.59	3/4	1,284.74	3/4	918.88	3/4	554.09	3/4	210.42	3/4		3/4		3/4		3/4
3	3	3,835.32	3	3,472.25	3	3,106.40	3	2,740.54	3	2,374.68	3	2,008.83	3	1,642.97	3	1,277.12	3	911.26	3	546.58	3	203.64	3		3		3		3
1/4	1/4	3,828.40	1/4	3,464.63	1/4	3,098.77	1/4	2,732.92	1/4	2,367.06	1/4	2,001.21	1/4	1,635.35	1/4	1,269.49	1/4	903.64	1/4	539.08	1/4	196.85	1/4		1/4		1/4		1/4
1/2	1/2	3,821.47	1/2	3,457.01	1/2	3,091.15	1/2	2,725.30	1/2	2,359.44	1/2	1,993.58	1/2	1,627.73	1/2	1,261.87	1/2	896.02	1/2	531.58	1/2	190.07	1/2		1/2		1/2		1/2
3/4	3/4	3,814.55	3/4	3,449.39	3/4	3,083.53	3/4	2,717.67	3/4	2,351.82	3/4	1,985.96	3/4	1,620.11	3/4	1,254.25	3/4	888.39	3/4	524.07	3/4	183.28	3/4		3/4		3/4		3/4
4	4	3,807.62	4	3,441.76	4	3,075.91	4	2,710.05	4	2,344.20	4	1,978.34	4	1,612.48	4	1,246.63	4	880.77	4	516.57	4	176.50	4		4		4		4
1/4	1/4	3,800.00	1/4	3,434.14	1/4	3,068.29	1/4	2,702.43	1/4	2,336.57	1/4	1,970.72	1/4	1,604.86	1/4	1,239.01	1/4	873.15	1/4	509.06	1/4	169.71	1/4		1/4		1/4		1/4
1/2	1/2	3,792.38	1/2	3,426.52	1/2	3,060.66	1/2	2,694.81	1/2	2,328.95	1/2	1,963.10	1/2	1,597.24	1/2	1,231.38	1/2	865.53	1/2	501.56	1/2	162.93	1/2		1/2		1/2		1/2
3/4	3/4	3,784.75	3/4	3,418.90	3/4	3,053.04	3/4	2,687.19	3/4	2,321.33	3/4	1,955.47	3/4	1,589.62	3/4	1,223.76	3/4	857.91	3/4	494.06	3/4	156.14	3/4		3/4		3/4		3/4
5	5	3,777.13	5	3,411.28	5	3,045.42	5	2,679.56	5	2,313.71	5	1,947.85	5	1,582.00	5	1,216.14	5	850.28	5	486.55	5	149.36	5		5		5		5
1/4	1/4	3,769.51	1/4	3,403.65	1/4	3,037.80	1/4	2,671.94	1/4	2,306.09	1/4	1,940.23	1/4	1,574.37	1/4	1,208.52	1/4	842.66	1/4	479.05	1/4	142.57	1/4		1/4		1/4		1/4
1/2	1/2	3,761.89	1/2	3,396.03	1/2	3,030.18	1/2	2,664.32	1/2	2,298.46	1/2	1,932.61	1/2	1,566.75	1/2	1,200.90	1/2	835.04	1/2	471.54	1/2	135.79	1/2		1/2		1/2		1/2
3/4	3/4	3,754.27	3/4	3,388.41	3/4	3,022.55	3/4	2,656.70	3/4	2,290.84	3/4	1,924.99	3/4	1,559.13	3/4	1,193.27	3/4	827.42	3/4	464.04	3/4	129.00	3/4		3/4		3/4		3/4
6	6	3,746.64	6	3,380.79	6	3,014.93	6	2,649.08	6	2,283.22	6	1,917.36	6	1,551.51	6	1,185.65	6	819.80	6	456.54	6	122.22	6		6		6		6
1/4	1/4	3,739.02	1/4	3,373.17	1/4	3,007.31	1/4	2,641.45	1/4	2,275.60	1/4	1,909.74	1/4	1,543.89	1/4	1,178.03	1/4	812.17	1/4	449.03	1/4	115.43	1/4		1/4		1/4		1/4
1/2	1/2	3,731.40	1/2	3,365.54	1/2	2,999.69	1/2	2,633.83	1/2	2,267.98	1/2	1,902.12	1/2	1,536.26	1/2	1,170.41	1/2	804.55	1/2	441.53	1/2	108.65	1/2		1/2		1/2		1/2
3/4	3/4	3,723.78	3/4	3,357.92	3/4	2,992.07	3/4	2,626.21	3/4	2,260.35	3/4	1,894.50	3/4	1,528.64	3/4	1,162.79	3/4	796.93	3/4	434.44	3/4	102.16	3/4		3/4		3/4		3/4
7	7	3,716.16	7	3,350.30	7	2,984.44	7	2,618.59	7	2,252.73	7	1,886.88	7	1,521.02	7	1,155.16	7	789.31	7	427.36	7	95.68	7		7		7		7
1/4	1/4	3,708.53	1/4	3,342.68	1/4	2,976.82	1/4	2,610.97	1/4	2,245.11	1/4	1,879.25	1/4	1,513.40	1/4	1,147.54	1/4	781.69	1/4	420.27	1/4	89.19	1/4		1/4		1/4		1/4
1/2	1/2	3,700.91	1/2	3,335.06	1/2	2,969.20	1/2	2,603.34	1/2	2,237.49	1/2	1,871.63	1/2	1,505.78	1/2	1,139.92	1/2	774.06	1/2	413.19	1/2	82.71	1/2		1/2		1/2		1/2
3/4	3/4	3,693.29	3/4	3,327.43	3/4	2,961.58	3/4	2,595.72	3/4	2,229.87	3/4	1,864.01	3/4	1,498.15	3/4	1,132.30	3/4	766.44	3/4	406.10	3/4	76.22	3/4		3/4		3/4		3/4
8	8	3,685.67	8	3,319.81	8	2,953.96	8	2,588.10	8	2,222.24	8	1,856.39	8	1,490.53	8	1,124.68	8	758.82	8	399.02	8	69.74	8		8		8		8
1/4	1/4	3,678.05	1/4	3,312.19	1/4	2,946.33	1/4	2,580.48	1/4	2,214.62	1/4	1,848.77	1/4	1,482.91	1/4	1,117.05	1/4	751.20	1/4	391.93	1/4	63.25	1/4		1/4		1/4		1/4
1/2	1/2	3,670.42	1/2	3,304.57	1/2	2,938.71	1/2	2,572.86	1/2	2,207.00	1/2	1,841.14	1/2	1,475.29	1/2	1,109.43	1/2	743.58	1/2	384.85	1/2	56.77	1/2		1/2		1/2		1/2
3/4	3/4	3,662.80	3/4	3,296.95	3/4	2,931.09	3/4	2,565.23	3/4	2,199.38	3/4	1,833.52	3/4	1,467.67	3/4	1,101.81	3/4	735.95	3/4	377.76	3/4	51.03	3/4		3/4		3/4		3/4
9	9	3,655.18	9	3,289.32	9	2,923.47	9	2,557.61	9	2,191.76	9	1,825.90	9	1,460.04	9	1,094.19	9	728.33	9	370.68	9	45.29	9		9		9		9
1/4	1/4	3,647.56	1/4	3,281.70	1/4	2,915.85	1/4	2,549.99	1/4	2,184.13	1/4	1,818.28	1/4	1,452.42	1/4	1,086.57	1/4	720.71	1/4	363.59	1/4	39.55	1/4		1/4		1/4		1/4
1/2	1/2	3,639.94	1/2	3,274.08	1/2	2,908.22	1/2	2,542.37	1/2	2,176.51	1/2	1,810.66	1/2	1,444.80	1/2	1,078.94	1/2	713.09	1/2	356.51	1/2	33.82	1/2		1/2		1/2		1/2
3/4	3/4	3,632.31	3/4	3,266.46	3/4	2,900.60	3/4	2,534.75	3/4	2,168.89	3/4	1,803.03	3/4	1,437.18	3/4	1,071.32	3/4	705.47	3/4	349.42	3/4	29.57	3/4		3/4		3/4		3/4
10	10	3,624.69	10	3,258.84	10	2,892.98	10	2,527.12	10	2,161.27	10	1,795.41	10	1,429.56	10	1,063.70	10	697.84	10	342.34	10	25.33	10		10		10		10
1/4	1/4	3,617.07	1/4	3,251.21	1/4	2,885.36	1/4	2,519.50	1/4	2,153.65	1/4	1,787.79	1/4	1,421.93	1/4	1,056.08	1/4	690.22	1/4	335.25	1/4	21.08	1/4		1/4		1/4		1/4
1/2	1/2	3,609.45	1/2	3,243.59	1/2	2,877.74	1/2	2,511.88	1/2	2,146.02	1/2	1,780.17	1/2	1,414.31	1/2	1,048.46</													



BARGE "MM 63" MAGNOLIA MARINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4556

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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN			
0		0	3,922.79	0	3,594.20	0	3,228.35	0	2,862.49	0	2,496.64	0	2,130.78	0	1,764.92	0	1,399.07	0	1,033.21	0	667.36	0	314.00	0		0		0		0			
1/4		1/4	3,918.78	1/4	3,586.58	1/4	3,220.73	1/4	2,854.87	1/4	2,489.01	1/4	2,123.16	1/4	1,757.30	1/4	1,391.45	1/4	1,025.59	1/4	659.73	1/4	306.91	1/4		1/4		1/4		1/4			
1/2		1/2	3,914.77	1/2	3,578.96	1/2	3,213.10	1/2	2,847.25	1/2	2,481.39	1/2	2,115.54	1/2	1,749.68	1/2	1,383.82	1/2	1,017.97	1/2	652.11	1/2	299.83	1/2		1/2		1/2		1/2			
3/4		3/4	3,910.77	3/4	3,571.34	3/4	3,205.48	3/4	2,839.63	3/4	2,473.77	3/4	2,107.91	3/4	1,742.06	3/4	1,376.20	3/4	1,010.35	3/4	644.49	3/4	292.74	3/4		3/4		3/4		3/4			
1		1	3,906.76	1	3,563.72	1	3,197.86	1	2,832.00	1	2,466.15	1	2,100.29	1	1,734.44	1	1,368.58	1	1,002.72	1	636.87	1	285.66	1		1		1		1			
1/4		1/4	3,901.29	1/4	3,556.09	1/4	3,190.24	1/4	2,824.38	1/4	2,458.53	1/4	2,092.67	1/4	1,726.81	1/4	1,360.96	1/4	995.10	1/4	629.25	1/4	278.57	1/4		1/4		1/4		1/4			
1/2		1/2	3,895.82	1/2	3,548.47	1/2	3,182.62	1/2	2,816.76	1/2	2,450.90	1/2	2,085.05	1/2	1,719.19	1/2	1,353.34	1/2	987.48	1/2	621.62	1/2	271.49	1/2		1/2		1/2		1/2			
3/4		3/4	3,890.36	3/4	3,540.85	3/4	3,174.99	3/4	2,809.14	3/4	2,443.28	3/4	2,077.43	3/4	1,711.57	3/4	1,345.71	3/4	979.86	3/4	614.12	3/4	264.70	3/4		3/4		3/4		3/4			
2		2	3,884.89	2	3,533.23	2	3,167.37	2	2,801.52	2	2,435.66	2	2,069.80	2	1,703.95	2	1,338.09	2	972.24	2	606.62	2	257.92	2		2		2		2		2	
1/4		1/4	3,879.42	1/4	3,525.61	1/4	3,159.75	1/4	2,793.89	1/4	2,428.04	1/4	2,062.18	1/4	1,696.33	1/4	1,330.47	1/4	964.61	1/4	599.11	1/4	251.13	1/4		1/4		1/4		1/4			
1/2		1/2	3,873.95	1/2	3,517.98	1/2	3,152.13	1/2	2,786.27	1/2	2,420.42	1/2	2,054.56	1/2	1,688.70	1/2	1,322.85	1/2	956.99	1/2	591.61	1/2	244.35	1/2		1/2		1/2		1/2			
3/4		3/4	3,868.49	3/4	3,510.36	3/4	3,144.51	3/4	2,778.65	3/4	2,412.79	3/4	2,046.94	3/4	1,681.08	3/4	1,315.23	3/4	949.37	3/4	584.10	3/4	237.56	3/4		3/4		3/4		3/4			
3		3	3,863.02	3	3,502.74	3	3,136.88	3	2,771.03	3	2,405.17	3	2,039.32	3	1,673.46	3	1,307.60	3	941.75	3	576.60	3	230.78	3		3		3		3		3	
1/4		1/4	3,856.10	1/4	3,495.12	1/4	3,129.26	1/4	2,763.41	1/4	2,397.55	1/4	2,031.69	1/4	1,665.84	1/4	1,299.98	1/4	934.13	1/4	569.10	1/4	223.99	1/4		1/4		1/4		1/4			
1/2		1/2	3,849.17	1/2	3,487.50	1/2	3,121.64	1/2	2,755.78	1/2	2,389.93	1/2	2,024.07	1/2	1,658.22	1/2	1,292.36	1/2	926.50	1/2	561.59	1/2	217.21	1/2		1/2		1/2		1/2			
3/4		3/4	3,842.25	3/4	3,479.87	3/4	3,114.02	3/4	2,748.16	3/4	2,382.31	3/4	2,016.45	3/4	1,650.59	3/4	1,284.74	3/4	918.88	3/4	554.09	3/4	210.42	3/4		3/4		3/4		3/4			
4		4	3,835.32	4	3,472.25	4	3,106.40	4	2,740.54	4	2,374.68	4	2,008.83	4	1,642.97	4	1,277.12	4	911.26	4	546.58	4	203.64	4		4		4		4		4	
1/4		1/4	3,828.40	1/4	3,464.63	1/4	3,098.77	1/4	2,732.92	1/4	2,367.06	1/4	2,001.21	1/4	1,635.35	1/4	1,269.49	1/4	903.64	1/4	539.08	1/4	196.85	1/4		1/4		1/4		1/4			
1/2		1/2	3,821.47	1/2	3,457.01	1/2	3,091.15	1/2	2,725.30	1/2	2,359.44	1/2	1,993.58	1/2	1,627.73	1/2	1,261.87	1/2	896.02	1/2	531.58	1/2	190.07	1/2		1/2		1/2		1/2			
3/4		3/4	3,814.55	3/4	3,449.39	3/4	3,083.53	3/4	2,717.67	3/4	2,351.82	3/4	1,985.96	3/4	1,620.11	3/4	1,254.25	3/4	888.39	3/4	524.07	3/4	183.28	3/4		3/4		3/4		3/4			
5		5	3,807.62	5	3,441.76	5	3,075.91	5	2,710.05	5	2,344.20	5	1,978.34	5	1,612.48	5	1,246.63	5	880.77	5	516.57	5	176.50	5		5		5		5		5	
1/4		1/4	3,800.00	1/4	3,434.14	1/4	3,068.29	1/4	2,702.43	1/4	2,336.57	1/4	1,970.72	1/4	1,604.86	1/4	1,239.01	1/4	873.15	1/4	509.06	1/4	169.71	1/4		1/4		1/4		1/4			
1/2		1/2	3,792.38	1/2	3,426.52	1/2	3,060.66	1/2	2,694.81	1/2	2,328.95	1/2	1,963.10	1/2	1,597.24	1/2	1,231.38	1/2	865.53	1/2	501.56	1/2	162.93	1/2		1/2		1/2		1/2			
3/4		3/4	3,784.75	3/4	3,418.90	3/4	3,053.04	3/4	2,687.19	3/4	2,321.33	3/4	1,955.47	3/4	1,589.62	3/4	1,223.76	3/4	857.91	3/4	494.06	3/4	156.14	3/4		3/4		3/4		3/4			
6		6	3,777.13	6	3,411.28	6	3,045.42	6	2,679.56	6	2,313.71	6	1,947.85	6	1,582.00	6	1,216.14	6	850.28	6	486.55	6	149.36	6		6		6		6		6	
1/4		1/4	3,769.51	1/4	3,403.65	1/4	3,037.80	1/4	2,671.94	1/4	2,306.09	1/4	1,940.23	1/4	1,574.37	1/4	1,208.52	1/4	842.66	1/4	479.05	1/4	142.57	1/4		1/4		1/4		1/4			
1/2		1/2	3,968.34	1/2	3,761.89	1/2	3,396.03	1/2	3,030.18	1/2	2,664.32	1/2	2,298.46	1/2	1,932.61	1/2	1,566.75	1/2	1,200.90	1/2	835.04	1/2	471.54	1/2	135.79	1/2		1/2		1/2			
3/4		3/4	3,968.16	3/4	3,754.27	3/4	3,388.41	3/4	3,022.55	3/4	2,656.70	3/4	2,290.84	3/4	1,924.99	3/4	1,559.13	3/4	1,193.27	3/4	827.42	3/4	464.04	3/4	129.00	3/4		3/4		3/4			
7		7	3,967.98	7	3,746.64	7	3,380.79	7	3,014.93	7	2,649.08	7	2,283.22	7	1,917.36	7	1,551.51	7	1,185.65	7	819.80	7	456.54	7	122.22	7		7		7		7	
1/4		1/4	3,966.89	1/4	3,739.02	1/4	3,373.17	1/4	3,007.31	1/4	2,641.45	1/4	2,275.60	1/4	1,909.74	1/4	1,543.89	1/4	1,178.03	1/4	812.17	1/4	449.03	1/4	115.43	1/4		1/4		1/4			
1/2		1/2	3,965.79	1/2	3,731.40	1/2	3,365.54	1/2	2,999.69	1/2	2,633.83	1/2	2,267.98	1/2	1,902.12	1/2	1,536.26	1/2	1,170.41	1/2	804.55	1/2	441.53	1/2	108.65	1/2		1/2		1/2			
3/4		3/4	3,964.70	3/4	3,723.78	3/4	3,357.92	3/4	2,992.07	3/4	2,626.21	3/4	2,260.35	3/4	1,894.50	3/4	1,528.64	3/4	1,162.79	3/4	796.93	3/4	434.44	3/4	102.16	3/4		3/4		3/4			
8		8	3,963.61	8	3,716.16	8	3,350.30	8	2,984.44	8	2,618.59	8	2,252.73	8	1,886.88	8	1,521.02	8	1,155.16	8	789.31	8	427.36	8	95.68	8		8		8		8	
1/4		1/4	3,962.52	1/4	3,708.53	1/4	3,342.68	1/4	2,976.82	1/4	2,610.97	1/4	2,245.11	1/4	1,879.25	1/4	1,513.40	1/4	1,147.54	1/4	781.69	1/4	420.27	1/4	89.19	1/4		1/4		1/4			
1/2		1/2	3,961.42	1/2	3,700.91	1/2	3,335.06	1/2	2,969.20	1/2	2,603.34	1/2	2,237.49	1/2	1,871.63	1/2	1,505.78	1/2	1,139.92	1/2	774.06	1/2	413.19	1/2	82.71	1/2		1/2		1/2			
3/4		3/4	3,960.33	3/4	3,693.29	3/4	3,327.43	3/4	2,961.58	3/4	2,595.72	3/4	2,229.87	3/4	1,864.01	3/4	1,498.15	3/4	1,132.30	3/4	766.44	3/4	406.10	3/4	76.22	3/4		3/4		3/4			
9		9	3,959.24	9	3,685.67	9	3,319.81	9	2,953.96	9	2,588.10	9	2,222.24	9	1,856.39	9	1,490.53	9	1,124.68	9	758.82	9	399.02	9	69.74	9		9		9		9	
1/4		1/4	3,956.69	1/4	3,678.05	1/4	3,312.19	1/4	2,946.33	1/4	2,580.48	1/4	2,214.62	1/4	1,848.77	1/4	1,482.91	1/4	1,117.05	1/4	751.20	1/4	391.93	1/4	63.25	1/4		1/4		1/4			



BARGE "MM 63" MAGNOLIA MARINE

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 4556

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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0	3,843.30	0	3,525.39	0	3,170.81	0	2,816.24	0	2,461.66	0	2,107.09	0	1,752.51	0	1,397.93	0	1,043.36	0	688.78	0	334.21	0		0		0		0	
1/4		1/4	3,839.44	1/4	3,518.00	1/4	3,163.43	1/4	2,808.85	1/4	2,454.27	1/4	2,099.70	1/4	1,745.12	1/4	1,390.55	1/4	1,035.97	1/4	681.39	1/4	326.82	1/4		1/4		1/4		1/4	
1/2		1/2	3,835.57	1/2	3,510.62	1/2	3,156.04	1/2	2,801.46	1/2	2,446.89	1/2	2,092.31	1/2	1,737.74	1/2	1,383.16	1/2	1,028.58	1/2	674.01	1/2	319.43	1/2		1/2		1/2		1/2	
3/4		3/4	3,831.70	3/4	3,503.23	3/4	3,148.65	3/4	2,794.08	3/4	2,439.50	3/4	2,084.92	3/4	1,730.35	3/4	1,375.77	3/4	1,021.20	3/4	666.62	3/4	312.17	3/4		3/4		3/4		3/4	
1		1	3,827.83	1	3,495.84	1	3,141.27	1	2,786.69	1	2,432.11	1	2,077.54	1	1,722.96	1	1,368.39	1	1,013.81	1	659.23	1	304.91	1		1		1		1	
1/4		1/4	3,822.56	1/4	3,488.45	1/4	3,133.88	1/4	2,779.30	1/4	2,424.73	1/4	2,070.15	1/4	1,715.57	1/4	1,361.00	1/4	1,006.42	1/4	651.85	1/4	297.64	1/4		1/4		1/4		1/4	
1/2		1/2	3,817.29	1/2	3,481.07	1/2	3,126.49	1/2	2,771.92	1/2	2,417.34	1/2	2,062.76	1/2	1,708.19	1/2	1,353.61	1/2	999.04	1/2	644.46	1/2	290.38	1/2		1/2		1/2		1/2	
3/4		3/4	3,812.02	3/4	3,473.68	3/4	3,119.10	3/4	2,764.53	3/4	2,409.95	3/4	2,055.38	3/4	1,700.80	3/4	1,346.22	3/4	991.65	3/4	637.07	3/4	283.12	3/4		3/4		3/4		3/4	
2		2	3,806.75	2	3,466.29	2	3,111.72	2	2,757.14	2	2,402.57	2	2,047.99	2	1,693.41	2	1,338.84	2	984.26	2	629.69	2	275.85	2		2		2		2	
1/4		1/4	3,801.47	1/4	3,458.91	1/4	3,104.33	1/4	2,749.75	1/4	2,395.18	1/4	2,040.60	1/4	1,686.03	1/4	1,331.45	1/4	976.87	1/4	622.30	1/4	268.59	1/4		1/4		1/4		1/4	
1/2		1/2	3,796.20	1/2	3,451.52	1/2	3,096.94	1/2	2,742.37	1/2	2,387.79	1/2	2,033.22	1/2	1,678.64	1/2	1,324.06	1/2	969.49	1/2	614.91	1/2	261.33	1/2		1/2		1/2		1/2	
3/4		3/4	3,790.93	3/4	3,444.13	3/4	3,089.56	3/4	2,734.98	3/4	2,380.40	3/4	2,025.83	3/4	1,671.25	3/4	1,316.68	3/4	962.10	3/4	607.52	3/4	254.06	3/4		3/4		3/4		3/4	
3		3	3,785.66	3	3,436.75	3	3,082.17	3	2,727.59	3	2,373.02	3	2,018.44	3	1,663.87	3	1,309.29	3	954.71	3	600.14	3	246.80	3		3		3		3	
1/4		1/4	3,778.98	1/4	3,429.36	1/4	3,074.78	1/4	2,720.21	1/4	2,365.63	1/4	2,011.05	1/4	1,656.48	1/4	1,301.90	1/4	947.33	1/4	592.75	1/4	239.54	1/4		1/4		1/4		1/4	
1/2		1/2	3,772.30	1/2	3,421.97	1/2	3,067.40	1/2	2,712.82	1/2	2,358.24	1/2	2,003.67	1/2	1,649.09	1/2	1,294.52	1/2	939.94	1/2	585.36	1/2	232.28	1/2		1/2		1/2		1/2	
3/4		3/4	3,765.62	3/4	3,414.58	3/4	3,060.01	3/4	2,705.43	3/4	2,350.86	3/4	1,996.28	3/4	1,641.70	3/4	1,287.13	3/4	932.55	3/4	577.98	3/4	225.01	3/4		3/4		3/4		3/4	
4		4	3,758.94	4	3,407.20	4	3,052.62	4	2,698.05	4	2,343.47	4	1,988.89	4	1,634.32	4	1,279.74	4	925.17	4	570.59	4	217.75	4		4		4		4	
1/4		1/4	3,752.26	1/4	3,399.81	1/4	3,045.23	1/4	2,690.66	1/4	2,336.08	1/4	1,981.51	1/4	1,626.93	1/4	1,272.35	1/4	917.78	1/4	563.20	1/4	210.49	1/4		1/4		1/4		1/4	
1/2		1/2	3,745.58	1/2	3,392.42	1/2	3,037.85	1/2	2,683.27	1/2	2,328.70	1/2	1,974.12	1/2	1,619.54	1/2	1,264.97	1/2	910.39	1/2	555.82	1/2	203.22	1/2		1/2		1/2		1/2	
3/4		3/4	3,738.91	3/4	3,385.04	3/4	3,030.46	3/4	2,675.88	3/4	2,321.31	3/4	1,966.73	3/4	1,612.16	3/4	1,257.58	3/4	903.00	3/4	548.43	3/4	195.96	3/4		3/4		3/4		3/4	
5		5	3,732.23	5	3,377.65	5	3,023.07	5	2,668.50	5	2,313.92	5	1,959.35	5	1,604.77	5	1,250.19	5	895.62	5	541.04	5	188.70	5		5		5		5	
1/4		1/4	3,724.84	1/4	3,370.26	1/4	3,015.69	1/4	2,661.11	1/4	2,306.53	1/4	1,951.96	1/4	1,597.38	1/4	1,242.81	1/4	888.23	1/4	533.65	1/4	181.43	1/4		1/4		1/4		1/4	
1/2		1/2	3,717.45	1/2	3,362.88	1/2	3,008.30	1/2	2,653.72	1/2	2,299.15	1/2	1,944.57	1/2	1,590.00	1/2	1,235.42	1/2	880.84	1/2	526.27	1/2	174.17	1/2		1/2		1/2		1/2	
3/4		3/4	3,710.07	3/4	3,355.49	3/4	3,000.91	3/4	2,646.34	3/4	2,291.76	3/4	1,937.18	3/4	1,582.61	3/4	1,228.03	3/4	873.46	3/4	518.88	3/4	166.91	3/4		3/4		3/4		3/4	
6		6	3,702.68	6	3,348.10	6	2,993.53	6	2,638.95	6	2,284.37	6	1,929.80	6	1,575.22	6	1,220.65	6	866.07	6	511.49	6	159.65	6		6		6		6	
1/4		1/4	3,695.29	1/4	3,340.71	1/4	2,986.14	1/4	2,631.56	1/4	2,276.99	1/4	1,922.41	1/4	1,567.83	1/4	1,213.26	1/4	858.68	1/4	504.11	1/4	152.38	1/4		1/4		1/4		1/4	
1/2		1/2	3,887.24	1/2	3,687.90	1/2	3,333.33	1/2	2,978.75	1/2	2,624.18	1/2	2,269.60	1/2	1,915.02	1/2	1,560.45	1/2	851.30	1/2	496.72	1/2	145.12	1/2		1/2		1/2		1/2	
3/4		3/4	3,887.07	3/4	3,680.52	3/4	3,325.94	3/4	2,971.36	3/4	2,616.79	3/4	2,262.21	3/4	1,907.64	3/4	1,553.06	3/4	843.91	3/4	489.33	3/4	137.86	3/4		3/4		3/4		3/4	
7		7	3,886.89	7	3,673.13	7	3,318.55	7	2,963.98	7	2,609.40	7	2,254.83	7	1,900.25	7	1,545.67	7	1,191.10	7	836.52	7	481.95	7	130.59	7		7		7	
1/4		1/4	3,885.84	1/4	3,665.74	1/4	3,311.17	1/4	2,956.59	1/4	2,602.01	1/4	2,247.44	1/4	1,892.86	1/4	1,538.29	1/4	1,183.71	1/4	829.13	1/4	474.56	1/4	123.33	1/4		1/4		1/4	
1/2		1/2	3,884.78	1/2	3,658.36	1/2	3,303.78	1/2	2,949.20	1/2	2,594.63	1/2	2,240.05	1/2	1,885.48	1/2	1,530.90	1/2	1,176.32	1/2	821.75	1/2	467.17	1/2	116.07	1/2		1/2		1/2	
3/4		3/4	3,883.73	3/4	3,650.97	3/4	3,296.39	3/4	2,941.82	3/4	2,587.24	3/4	2,232.66	3/4	1,878.09	3/4	1,523.51	3/4	1,168.94	3/4	814.36	3/4	459.78	3/4	108.80	3/4		3/4		3/4	
8		8	3,882.67	8	3,643.58	8	3,289.01	8	2,934.43	8	2,579.85	8	2,225.28	8	1,870.70	8	1,516.13	8	1,161.55	8	806.97	8	452.40	8	101.54	8		8		8	
1/4		1/4	3,881.62	1/4	3,636.20	1/4	3,281.62	1/4	2,927.04	1/4	2,572.47	1/4	2,217.89	1/4	1,863.31	1/4	1,508.74	1/4	1,154.16	1/4	799.59	1/4	445.01	1/4	94.28	1/4		1/4		1/4	
1/2		1/2	3,880.57	1/2	3,628.81	1/2	3,274.23	1/2	2,919.66	1/2	2,565.08	1/2	2,210.50	1/2	1,855.93	1/2	1,501.35	1/2	1,146.78	1/2	792.20	1/2	437.62	1/2	87.02	1/2		1/2		1/2	
3/4		3/4	3,879.51	3/4	3,621.42	3/4	3,266.84	3/4	2,912.27	3/4	2,557.69	3/4	2,203.12	3/4	1,848.54	3/4	1,493.96	3/4	1,139.39	3/4	784.81	3/4	430.24	3/4	79.75	3/4		3/4		3/4	
9		9	3,878.46	9	3,614.03	9	3,259.46	9	2,904.88	9	2,550.31	9	2,195.73	9	1,841.15	9	1,486.58	9	1,132.00	9	777.43	9	422.85	9	72.49	9		9		9	
1/4		1/4	3,876.00	1/4	3,606.65	1/4	3,252.07	1/4	2,897.49	1/4	2,542.92	1/4	2,188.34	1/4	1,833.77	1/4	1,479.19	1/4	1,124.61	1/4	770.04	1/4	415.46	1/4	65.23	1/4		1/4		1/4	
1/2		1/2	3,873.54	1/2	3,599.26	1/2	3,244.68	1/2	2,890.11</																						



BARGE "MM 63" MAGNOLIA MARINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4556

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	3,956.02	0	3,624.71	0	3,259.43	0	2,894.15	0	2,528.87	0	2,163.59	0	1,798.31	0	1,433.03	0	1,067.75	0	702.47	0	337.19	0		0				
1/4		1/4	3,952.03	1/4	3,617.10	1/4	3,251.82	1/4	2,886.54	1/4	2,521.26	1/4	2,155.98	1/4	1,790.70	1/4	1,425.42	1/4	1,060.14	1/4	694.86	1/4	329.58	1/4		1/4				
1/2		1/2	3,948.04	1/2	3,609.49	1/2	3,244.21	1/2	2,878.93	1/2	2,513.65	1/2	2,148.37	1/2	1,783.09	1/2	1,417.81	1/2	1,052.53	1/2	687.25	1/2	322.09	1/2		1/2				
3/4		3/4	3,944.05	3/4	3,601.88	3/4	3,236.60	3/4	2,871.32	3/4	2,506.04	3/4	2,140.76	3/4	1,775.48	3/4	1,410.20	3/4	1,044.92	3/4	679.64	3/4	314.59	3/4		3/4				
1		1	3,938.61	1	3,594.27	1	3,228.99	1	2,863.71	1	2,498.43	1	2,133.15	1	1,767.87	1	1,402.59	1	1,037.31	1	672.03	1	307.10	1		1				
1/4		1/4	3,933.17	1/4	3,586.66	1/4	3,221.38	1/4	2,856.10	1/4	2,490.82	1/4	2,125.54	1/4	1,760.26	1/4	1,394.98	1/4	1,029.70	1/4	664.42	1/4	299.60	1/4		1/4				
1/2		1/2	3,927.73	1/2	3,579.05	1/2	3,213.77	1/2	2,848.49	1/2	2,483.21	1/2	2,117.93	1/2	1,752.65	1/2	1,387.37	1/2	1,022.09	1/2	656.81	1/2	292.11	1/2		1/2				
3/4		3/4	3,922.29	3/4	3,571.44	3/4	3,206.16	3/4	2,840.88	3/4	2,475.60	3/4	2,110.32	3/4	1,745.04	3/4	1,379.76	3/4	1,014.48	3/4	649.20	3/4	284.62	3/4		3/4				
2		2	3,916.85	2	3,563.83	2	3,198.55	2	2,833.27	2	2,467.99	2	2,102.71	2	1,737.43	2	1,372.15	2	1,006.87	2	641.59	2	277.12	2		2				
1/4		1/4	3,911.41	1/4	3,556.22	1/4	3,190.94	1/4	2,825.66	1/4	2,460.38	1/4	2,095.10	1/4	1,729.82	1/4	1,364.54	1/4	999.26	1/4	633.98	1/4	269.63	1/4		1/4				
1/2		1/2	3,905.97	1/2	3,548.61	1/2	3,183.33	1/2	2,818.05	1/2	2,452.77	1/2	2,087.49	1/2	1,722.21	1/2	1,356.93	1/2	991.65	1/2	626.37	1/2	262.13	1/2		1/2				
3/4		3/4	3,900.53	3/4	3,541.00	3/4	3,175.72	3/4	2,810.44	3/4	2,445.16	3/4	2,079.88	3/4	1,714.60	3/4	1,349.32	3/4	984.04	3/4	618.76	3/4	254.64	3/4		3/4				
3		3	3,893.64	3	3,533.39	3	3,168.11	3	2,802.83	3	2,437.55	3	2,072.27	3	1,706.99	3	1,341.71	3	976.43	3	611.15	3	247.15	3		3				
1/4		1/4	3,886.75	1/4	3,525.78	1/4	3,160.50	1/4	2,795.22	1/4	2,429.94	1/4	2,064.66	1/4	1,699.38	1/4	1,334.10	1/4	968.82	1/4	603.54	1/4	239.65	1/4		1/4				
1/2		1/2	3,879.86	1/2	3,518.17	1/2	3,152.89	1/2	2,787.61	1/2	2,422.33	1/2	2,057.05	1/2	1,691.77	1/2	1,326.49	1/2	961.21	1/2	595.93	1/2	232.16	1/2		1/2				
3/4		3/4	3,872.96	3/4	3,510.56	3/4	3,145.28	3/4	2,780.00	3/4	2,414.72	3/4	2,049.44	3/4	1,684.16	3/4	1,318.88	3/4	953.60	3/4	588.32	3/4	224.66	3/4		3/4				
4		4	3,866.07	4	3,502.95	4	3,137.67	4	2,772.39	4	2,407.11	4	2,041.83	4	1,676.55	4	1,311.27	4	945.99	4	580.71	4	217.17	4		4				
1/4		1/4	3,859.18	1/4	3,495.34	1/4	3,130.06	1/4	2,764.78	1/4	2,399.50	1/4	2,034.22	1/4	1,668.94	1/4	1,303.66	1/4	938.38	1/4	573.10	1/4	209.68	1/4		1/4				
1/2		1/2	3,852.29	1/2	3,487.73	1/2	3,122.45	1/2	2,757.17	1/2	2,391.89	1/2	2,026.61	1/2	1,661.33	1/2	1,296.05	1/2	930.77	1/2	565.49	1/2	202.18	1/2		1/2				
3/4		3/4	3,845.40	3/4	3,480.12	3/4	3,114.84	3/4	2,749.56	3/4	2,384.28	3/4	2,019.00	3/4	1,653.72	3/4	1,288.44	3/4	923.16	3/4	557.88	3/4	194.69	3/4		3/4				
5		5	3,837.79	5	3,472.51	5	3,107.23	5	2,741.95	5	2,376.67	5	2,011.39	5	1,646.11	5	1,280.83	5	915.55	5	550.27	5	187.19	5		5				
1/4		1/4	3,830.18	1/4	3,464.90	1/4	3,099.62	1/4	2,734.34	1/4	2,369.06	1/4	1,998.17	1/4	1,638.50	1/4	1,273.22	1/4	907.94	1/4	542.66	1/4	179.70	1/4		1/4				
1/2		1/2	3,822.57	1/2	3,457.29	1/2	3,092.01	1/2	2,726.73	1/2	2,361.45	1/2	1,996.17	1/2	1,630.89	1/2	1,265.61	1/2	900.33	1/2	535.05	1/2	172.21	1/2		1/2				
3/4		3/4	3,814.96	3/4	3,449.68	3/4	3,084.40	3/4	2,719.12	3/4	2,353.84	3/4	1,988.56	3/4	1,623.28	3/4	1,258.00	3/4	892.72	3/4	527.44	3/4	164.71	3/4		3/4				
6		6	3,807.35	6	3,442.07	6	3,076.79	6	2,711.51	6	2,346.23	6	1,980.95	6	1,615.67	6	1,250.39	6	885.11	6	519.83	6	157.22	6		6				
1/4	4,005.35	1/4	3,799.74	1/4	3,434.46	1/4	3,069.18	1/4	2,703.90	1/4	2,338.62	1/4	1,973.34	1/4	1,608.06	1/4	1,242.78	1/4	877.50	1/4	512.22	1/4	149.72	1/4		1/4				
1/2	4,005.17	1/2	3,792.13	1/2	3,426.85	1/2	3,061.57	1/2	2,696.29	1/2	2,331.01	1/2	1,965.73	1/2	1,600.45	1/2	1,235.17	1/2	869.89	1/2	504.61	1/2	142.23	1/2		1/2				
3/4	4,004.98	3/4	3,784.52	3/4	3,419.24	3/4	3,053.96	3/4	2,688.68	3/4	2,323.40	3/4	1,958.12	3/4	1,592.84	3/4	1,227.56	3/4	862.28	3/4	497.00	3/4	134.74	3/4		3/4				
7	4,003.90	7	3,776.91	7	3,411.63	7	3,046.35	7	2,681.07	7	2,315.79	7	1,950.51	7	1,585.23	7	1,219.95	7	854.67	7	489.39	7	127.24	7		7				
1/4	4,002.81	1/4	3,769.30	1/4	3,404.02	1/4	3,038.74	1/4	2,673.46	1/4	2,308.18	1/4	1,942.90	1/4	1,577.62	1/4	1,212.34	1/4	847.06	1/4	481.78	1/4	119.75	1/4		1/4				
1/2	4,001.72	1/2	3,761.69	1/2	3,396.41	1/2	3,031.13	1/2	2,665.85	1/2	2,300.57	1/2	1,935.29	1/2	1,570.01	1/2	1,204.73	1/2	839.45	1/2	474.17	1/2	112.25	1/2		1/2				
3/4	4,000.63	3/4	3,754.08	3/4	3,388.80	3/4	3,023.52	3/4	2,658.24	3/4	2,292.96	3/4	1,927.68	3/4	1,562.40	3/4	1,197.12	3/4	831.84	3/4	466.56	3/4	104.76	3/4		3/4				
8	3,999.54	8	3,746.47	8	3,381.19	8	3,015.91	8	2,650.63	8	2,285.35	8	1,920.07	8	1,554.79	8	1,189.51	8	824.23	8	458.95	8	97.27	8		8				
1/4	3,998.46	1/4	3,738.86	1/4	3,373.58	1/4	3,008.30	1/4	2,643.02	1/4	2,277.74	1/4	1,912.46	1/4	1,547.18	1/4	1,181.90	1/4	816.62	1/4	451.34	1/4	89.77	1/4		1/4				
1/2	3,997.37	1/2	3,731.25	1/2	3,365.97	1/2	3,000.69	1/2	2,635.41	1/2	2,270.13	1/2	1,904.85	1/2	1,539.57	1/2	1,174.29	1/2	809.01	1/2	443.73	1/2	82.28	1/2		1/2				
3/4	3,996.28	3/4	3,723.64	3/4	3,358.36	3/4	2,993.08	3/4	2,627.80	3/4	2,262.52	3/4	1,897.24	3/4	1,531.96	3/4	1,166.68	3/4	801.40	3/4	436.12	3/4	74.78	3/4		3/4				
9	3,993.74	9	3,716.03	9	3,350.75	9	2,985.47	9	2,620.19	9	2,254.91	9	1,889.63	9	1,524.35	9	1,159.07	9	793.79	9	428.51	9	67.29	9		9				
1/4	3,991.20	1/4	3,708.42	1/4	3,343.14	1/4	2,977.86	1/4	2,612.58	1/4	2,247.30	1/4	1,882.02	1/4	1,516.74	1/4	1,151.46	1/4	786.18	1/4	420.90	1/4	59.80	1/4		1/4				
1/2	3,988.66	1/2	3,700.81	1/2	3,335.53	1/2	2,970.25	1/2	2,604.97	1/2	2,239.69	1/2	1,874.41	1/2	1,509.13	1/2	1,143.85	1/2	778.57	1/2	413.29	1/2	53.25	1/2		1/2				
3/4	3,986.12	3/4	3,693.20	3/4	3,327.92	3/4	2,962.64	3/4	2,597.36	3/4	2,232.08	3/4	1,866.80	3/4	1,501.52	3/4	1,136.24	3/4	770.96	3/4	405.68	3/4	46.71	3/4		3/4				
10	3,983.59	10	3,685.59	10	3,320.31	10	2,955.03	10	2,589.75	10	2,224.47	10	1,859.19	10	1,493.91	10	1,128.63	10	763.35	10	398.07	10	40.17	10		10				
1/4	3,981.05	1/4	3,677.98	1/4	3,312.70	1/4	2,947.42	1/4	2,582.14	1/4	2,216.86	1/4	1,851.58	1/4	1,486.30	1/4	1,121.02	1/4	755.74	1/4	390.46	1/4	33.63	1/4		1/4				
1/2	3,978.51	1/2	3,670.37	1/2	3,305.09	1/2	2,939.81	1/2	2,574.53	1/2	2,209.25	1/2	1,843.97																	



BARGE "MM 63" MAGNOLIA MARINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4556

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		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		IN		
0		0	3,952.03	0	3,617.10	0	3,251.82	0	2,886.54	0	2,521.26	0	2,155.98	0	1,790.70	0	1,425.42	0	1,060.14	0	694.86	0	329.58	0		0				
1/4		1/4	3,948.04	1/4	3,609.49	1/4	3,244.21	1/4	2,878.93	1/4	2,513.65	1/4	2,148.37	1/4	1,783.09	1/4	1,417.81	1/4	1,052.53	1/4	687.25	1/4	322.09	1/4		1/4				
1/2		1/2	3,944.05	1/2	3,601.88	1/2	3,236.60	1/2	2,871.32	1/2	2,506.04	1/2	2,140.76	1/2	1,775.48	1/2	1,410.20	1/2	1,044.92	1/2	679.64	1/2	314.59	1/2		1/2				
3/4		3/4	3,938.61	3/4	3,594.27	3/4	3,228.99	3/4	2,863.71	3/4	2,498.43	3/4	2,133.15	3/4	1,770.87	3/4	1,402.59	3/4	1,037.31	3/4	672.03	3/4	307.10	3/4		3/4				
1		1	3,933.17	1	3,586.66	1	3,221.38	1	2,856.10	1	2,490.82	1	2,125.54	1	1,760.26	1	1,394.98	1	1,029.70	1	664.42	1	299.60	1		1				
1/4		1/4	3,927.73	1/4	3,579.05	1/4	3,213.77	1/4	2,848.49	1/4	2,483.21	1/4	2,117.93	1/4	1,752.65	1/4	1,387.37	1/4	1,022.09	1/4	656.81	1/4	292.11	1/4		1/4				
1/2		1/2	3,922.29	1/2	3,571.44	1/2	3,206.16	1/2	2,840.88	1/2	2,475.60	1/2	2,110.32	1/2	1,745.04	1/2	1,379.76	1/2	1,014.48	1/2	649.20	1/2	284.62	1/2		1/2				
3/4		3/4	3,916.85	3/4	3,563.83	3/4	3,198.55	3/4	2,833.27	3/4	2,467.99	3/4	2,102.71	3/4	1,737.43	3/4	1,372.15	3/4	1,006.87	3/4	641.59	3/4	277.12	3/4		3/4				
2		2	3,911.41	2	3,556.22	2	3,190.94	2	2,825.66	2	2,460.38	2	2,095.10	2	1,729.82	2	1,364.54	2	999.26	2	633.98	2	269.63	2		2				
1/4		1/4	3,905.97	1/4	3,548.61	1/4	3,183.33	1/4	2,818.05	1/4	2,452.77	1/4	2,087.49	1/4	1,722.21	1/4	1,356.93	1/4	991.65	1/4	626.37	1/4	262.13	1/4		1/4				
1/2		1/2	3,900.53	1/2	3,541.00	1/2	3,175.72	1/2	2,810.44	1/2	2,445.16	1/2	2,079.88	1/2	1,714.60	1/2	1,349.32	1/2	984.04	1/2	618.76	1/2	254.64	1/2		1/2				
3/4		3/4	3,893.64	3/4	3,533.39	3/4	3,168.11	3/4	2,802.83	3/4	2,437.55	3/4	2,072.27	3/4	1,706.99	3/4	1,341.71	3/4	976.43	3/4	611.15	3/4	247.15	3/4		3/4				
3		3	3,886.75	3	3,525.78	3	3,160.50	3	2,795.22	3	2,429.94	3	2,064.66	3	1,699.38	3	1,334.10	3	968.82	3	603.54	3	239.65	3		3				
1/4		1/4	3,879.86	1/4	3,518.17	1/4	3,152.89	1/4	2,787.61	1/4	2,422.33	1/4	2,057.05	1/4	1,691.77	1/4	1,326.49	1/4	961.21	1/4	595.93	1/4	232.16	1/4		1/4				
1/2		1/2	3,872.96	1/2	3,510.56	1/2	3,145.28	1/2	2,780.00	1/2	2,414.72	1/2	2,049.44	1/2	1,684.16	1/2	1,318.88	1/2	953.60	1/2	588.32	1/2	224.66	1/2		1/2				
3/4		3/4	3,866.07	3/4	3,502.95	3/4	3,137.67	3/4	2,772.39	3/4	2,407.11	3/4	2,041.83	3/4	1,676.55	3/4	1,311.27	3/4	945.99	3/4	580.71	3/4	217.17	3/4		3/4				
4		4	3,859.18	4	3,495.34	4	3,130.06	4	2,764.78	4	2,399.50	4	2,034.22	4	1,668.94	4	1,303.66	4	938.38	4	573.10	4	209.68	4		4				
1/4		1/4	3,852.29	1/4	3,487.73	1/4	3,122.45	1/4	2,757.17	1/4	2,391.89	1/4	2,026.61	1/4	1,661.33	1/4	1,296.05	1/4	930.77	1/4	565.49	1/4	202.18	1/4		1/4				
1/2		1/2	3,845.40	1/2	3,480.12	1/2	3,114.84	1/2	2,749.56	1/2	2,384.28	1/2	2,019.00	1/2	1,653.72	1/2	1,288.44	1/2	923.16	1/2	557.88	1/2	194.69	1/2		1/2				
3/4		3/4	3,837.79	3/4	3,472.51	3/4	3,107.23	3/4	2,741.95	3/4	2,376.67	3/4	2,011.39	3/4	1,646.11	3/4	1,280.83	3/4	915.55	3/4	550.27	3/4	187.19	3/4		3/4				
5		5	3,830.18	5	3,464.90	5	3,099.62	5	2,734.34	5	2,369.06	5	2,003.78	5	1,638.50	5	1,273.22	5	907.94	5	542.66	5	179.70	5		5				
1/4		1/4	3,822.57	1/4	3,457.29	1/4	3,092.01	1/4	2,726.73	1/4	2,361.45	1/4	1,996.17	1/4	1,630.89	1/4	1,265.61	1/4	900.33	1/4	535.05	1/4	172.21	1/4		1/4				
1/2		1/2	3,814.96	1/2	3,449.68	1/2	3,084.40	1/2	2,719.12	1/2	2,353.84	1/2	1,988.56	1/2	1,623.28	1/2	1,258.00	1/2	892.72	1/2	527.44	1/2	164.71	1/2		1/2				
3/4		3/4	3,807.35	3/4	3,442.07	3/4	3,076.79	3/4	2,711.51	3/4	2,346.23	3/4	1,980.95	3/4	1,615.67	3/4	1,250.39	3/4	885.11	3/4	519.83	3/4	157.22	3/4		3/4				
6	4,005.35	6	3,799.74	6	3,434.46	6	3,069.18	6	2,703.90	6	2,338.62	6	1,973.34	6	1,608.06	6	1,242.78	6	877.50	6	512.22	6	149.72	6		6				
1/4		1/4	4,005.17	1/4	3,792.13	1/4	3,426.85	1/4	3,061.57	1/4	2,696.29	1/4	2,331.01	1/4	1,965.73	1/4	1,600.45	1/4	869.89	1/4	504.61	1/4	142.23	1/4		1/4				
1/2		1/2	4,004.98	1/2	3,784.52	1/2	3,419.24	1/2	3,053.96	1/2	2,688.68	1/2	2,323.40	1/2	1,958.12	1/2	1,592.84	1/2	862.28	1/2	497.00	1/2	134.74	1/2		1/2				
3/4		3/4	4,003.90	3/4	3,776.91	3/4	3,411.63	3/4	3,046.35	3/4	2,681.07	3/4	2,315.79	3/4	1,950.51	3/4	1,585.23	3/4	854.67	3/4	489.39	3/4	127.24	3/4		3/4				
7	4,002.81	7	3,769.30	7	3,404.02	7	3,038.74	7	2,673.46	7	2,308.18	7	1,942.90	7	1,577.62	7	1,212.34	7	847.06	7	481.78	7	119.75	7		7				
1/4		1/4	4,001.72	1/4	3,761.69	1/4	3,396.41	1/4	3,031.13	1/4	2,665.85	1/4	2,300.57	1/4	1,935.29	1/4	1,570.01	1/4	839.45	1/4	474.17	1/4	112.25	1/4		1/4				
1/2		1/2	4,000.63	1/2	3,754.08	1/2	3,388.80	1/2	3,023.52	1/2	2,658.24	1/2	2,292.96	1/2	1,927.68	1/2	1,562.40	1/2	831.84	1/2	466.56	1/2	104.76	1/2		1/2				
3/4		3/4	3,999.54	3/4	3,746.47	3/4	3,381.19	3/4	3,015.91	3/4	2,650.63	3/4	2,285.35	3/4	1,920.07	3/4	1,554.79	3/4	824.23	3/4	458.95	3/4	97.27	3/4		3/4				
8	3,998.46	8	3,738.86	8	3,373.58	8	3,008.30	8	2,643.02	8	2,277.74	8	1,912.46	8	1,547.18	8	1,181.90	8	816.62	8	451.34	8	89.77	8		8				
1/4		1/4	3,997.37	1/4	3,731.25	1/4	3,365.97	1/4	3,000.69	1/4	2,635.41	1/4	2,270.13	1/4	1,904.85	1/4	1,539.57	1/4	809.01	1/4	443.73	1/4	82.28	1/4		1/4				
1/2		1/2	3,996.28	1/2	3,723.64	1/2	3,358.36	1/2	2,993.08	1/2	2,627.80	1/2	2,262.52	1/2	1,897.24	1/2	1,531.96	1/2	801.40	1/2	436.12	1/2	74.78	1/2		1/2				
3/4		3/4	3,993.74	3/4	3,716.03	3/4	3,350.75	3/4	2,985.47	3/4	2,620.19	3/4	2,254.91	3/4	1,889.63	3/4	1,524.35	3/4	793.79	3/4	428.51	3/4	67.29	3/4		3/4				
9	3,991.20	9	3,708.42	9	3,343.14	9	2,977.86	9	2,612.58	9	2,247.30	9	1,882.02	9	1,516.74	9	1,151.46	9	786.18	9	420.90	9	59.80	9		9				
1/4		1/4	3,988.66	1/4	3,700.81	1/4	3,335.53	1/4	2,970.25	1/4	2,604.97	1/4	2,239.69	1/4	1,874.41	1/4	1,509.13	1/4	778.57	1/4	413.29	1/4	53.25	1/4		1/4				
1/2		1/2	3,986.12	1/2																										