



BARGE "MM-30" MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4558

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	21.08	0	335.25	0	690.32	0	1,056.71	0	1,423.09	0	1,789.47	0	2,155.86	0	2,522.24	0	2,888.62	0	3,255.01	0	3,621.39	0	3,939.42	0	0	0	0	0	0	0
1/4	25.33	1/4	342.34	1/4	697.95	1/4	1,064.34	1/4	1,430.72	1/4	1,797.11	1/4	2,163.49	1/4	2,529.87	1/4	2,896.26	1/4	3,262.64	1/4	3,629.03	1/4	3,943.43	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	29.57	1/2	349.42	1/2	705.59	1/2	1,071.97	1/2	1,438.36	1/2	1,804.74	1/2	2,171.12	1/2	2,537.51	1/2	2,903.89	1/2	3,270.27	1/2	3,636.66	1/2	3,945.98	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	33.82	3/4	356.51	3/4	713.22	3/4	1,079.60	3/4	1,445.99	3/4	1,812.37	3/4	2,178.76	3/4	2,545.14	3/4	2,911.52	3/4	3,277.91	3/4	3,644.29	3/4	3,948.53	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	39.55	1	363.59	1	720.85	1	1,087.24	1	1,453.62	1	1,820.01	1	2,186.39	1	2,552.77	1	2,919.16	1	3,285.54	1	3,651.92	1	3,951.08	1	1	1	1	1	1	1
1/4	45.29	1/4	370.68	1/4	728.49	1/4	1,094.87	1/4	1,461.25	1/4	1,827.64	1/4	2,194.02	1/4	2,560.41	1/4	2,926.79	1/4	3,293.17	1/4	3,659.56	1/4	3,953.63	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	51.03	1/2	377.76	1/2	736.12	1/2	1,102.50	1/2	1,468.89	1/2	1,835.27	1/2	2,201.66	1/2	2,568.04	1/2	2,934.42	1/2	3,300.81	1/2	3,667.19	1/2	3,956.18	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	56.77	3/4	384.85	3/4	743.75	3/4	1,110.14	3/4	1,476.52	3/4	1,842.90	3/4	2,209.29	3/4	2,575.67	3/4	2,942.06	3/4	3,308.44	3/4	3,674.82	3/4	3,958.73	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	63.25	2	391.93	2	751.39	2	1,117.77	2	1,484.15	2	1,850.54	2	2,216.92	2	2,583.30	2	2,949.69	2	3,316.07	2	3,682.46	2	3,961.28	2	2	2	2	2	2	2
1/4	69.74	1/4	399.02	1/4	759.02	1/4	1,125.40	1/4	1,491.79	1/4	1,858.17	1/4	2,224.55	1/4	2,590.94	1/4	2,957.32	1/4	3,323.71	1/4	3,690.09	1/4	3,963.83	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	76.22	1/2	406.10	1/2	766.65	1/2	1,133.04	1/2	1,499.42	1/2	1,865.80	1/2	2,232.19	1/2	2,598.57	1/2	2,964.95	1/2	3,331.34	1/2	3,697.72	1/2	3,964.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	82.71	3/4	413.19	3/4	774.28	3/4	1,140.67	3/4	1,507.05	3/4	1,873.44	3/4	2,239.82	3/4	2,606.20	3/4	2,972.59	3/4	3,338.97	3/4	3,705.36	3/4	3,966.02	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	89.19	3	420.27	3	781.92	3	1,148.30	3	1,514.69	3	1,881.07	3	2,247.45	3	2,613.84	3	2,980.22	3	3,346.60	3	3,712.99	3	3,967.11	3	3	3	3	3	3	3
1/4	95.68	1/4	427.36	1/4	789.55	1/4	1,155.93	1/4	1,522.32	1/4	1,888.70	1/4	2,255.09	1/4	2,621.47	1/4	2,987.85	1/4	3,354.24	1/4	3,720.62	1/4	3,968.21	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	102.16	1/2	434.44	1/2	797.18	1/2	1,163.57	1/2	1,529.95	1/2	1,896.34	1/2	2,262.72	1/2	2,629.10	1/2	2,995.49	1/2	3,361.87	1/2	3,728.25	1/2	3,969.30	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	108.65	3/4	441.53	3/4	804.82	3/4	1,171.20	3/4	1,537.58	3/4	1,903.97	3/4	2,270.35	3/4	2,636.74	3/4	3,003.12	3/4	3,369.50	3/4	3,735.89	3/4	3,970.39	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	115.43	4	449.03	4	812.45	4	1,178.83	4	1,545.22	4	1,911.60	4	2,277.99	4	2,644.37	4	3,010.75	4	3,377.14	4	3,743.52	4	3,971.48	4	4	4	4	4	4	4
1/4	122.22	1/4	456.54	1/4	820.08	1/4	1,186.47	1/4	1,552.85	1/4	1,918.23	1/4	2,285.62	1/4	2,652.00	1/4	3,018.39	1/4	3,384.77	1/4	3,751.15	1/4	3,972.58	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	129.00	1/2	464.04	1/2	827.72	1/2	1,194.10	1/2	1,560.48	1/2	1,926.87	1/2	2,293.25	1/2	2,659.63	1/2	3,026.02	1/2	3,392.40	1/2	3,758.79	1/2	3,972.76	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	135.79	3/4	471.54	3/4	835.35	3/4	1,201.73	3/4	1,568.12	3/4	1,934.50	3/4	2,300.88	3/4	2,667.27	3/4	3,033.65	3/4	3,400.04	3/4	3,766.42	3/4	3,972.94	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	142.57	5	479.05	5	842.98	5	1,209.37	5	1,575.75	5	1,942.13	5	2,308.52	5	2,674.90	5	3,041.28	5	3,407.67	5	3,774.05	5	3,974.11	5	5	5	5	5	5	5
1/4	149.36	1/4	486.55	1/4	850.61	1/4	1,217.00	1/4	1,583.38	1/4	1,949.77	1/4	2,316.15	1/4	2,682.53	1/4	3,048.92	1/4	3,415.30	1/4	3,781.69	1/4	3,974.27	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	156.14	1/2	494.06	1/2	858.25	1/2	1,224.63	1/2	1,591.02	1/2	1,957.40	1/2	2,323.78	1/2	2,690.17	1/2	3,056.55	1/2	3,422.93	1/2	3,789.32	1/2	3,974.44	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	162.93	3/4	501.56	3/4	865.88	3/4	1,232.26	3/4	1,598.65	3/4	1,965.03	3/4	2,331.42	3/4	2,697.80	3/4	3,064.18	3/4	3,430.57	3/4	3,796.95	3/4	3,974.55	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	169.71	6	509.06	6	873.51	6	1,239.90	6	1,606.28	6	1,972.67	6	2,339.05	6	2,705.43	6	3,071.82	6	3,438.20	6	3,804.58	6	3,974.63	6	6	6	6	6	6	6
1/4	176.50	1/4	516.57	1/4	881.15	1/4	1,247.53	1/4	1,613.91	1/4	1,980.30	1/4	2,346.68	1/4	2,713.07	1/4	3,079.45	1/4	3,445.83	1/4	3,812.22	1/4	3,974.71	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	183.28	1/2	524.07	1/2	888.78	1/2	1,255.16	1/2	1,621.55	1/2	1,987.93	1/2	2,354.32	1/2	2,720.70	1/2	3,087.08	1/2	3,453.47	1/2	3,819.14	1/2	3,974.79	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	190.07	3/4	531.58	3/4	896.41	3/4	1,262.80	3/4	1,629.18	3/4	1,995.56	3/4	2,361.95	3/4	2,728.33	3/4	3,094.72	3/4	3,461.10	3/4	3,826.07	3/4	3,974.81	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	196.85	7	539.08	7	904.05	7	1,270.43	7	1,636.81	7	2,003.20	7	2,369.58	7	2,735.96	7	3,102.35	7	3,468.73	7	3,832.99	7	3,974.89	7	7	7	7	7	7	7
1/4	203.64	1/4	546.58	1/4	911.68	1/4	1,278.06	1/4	1,644.45	1/4	2,010.83	1/4	2,377.21	1/4	2,743.60	1/4	3,109.98	1/4	3,476.37	1/4	3,839.92	1/4	3,974.91	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	210.42	1/2	554.09	1/2	919.31	1/2	1,285.70	1/2	1,652.08	1/2	2,018.46	1/2	2,384.85	1/2	2,751.23	1/2	3,117.61	1/2	3,484.00	1/2	3,846.84	1/2	3,974.93	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	217.21	3/4	561.59	3/4	926.94	3/4	1,293.33	3/4	1,659.71	3/4	2,026.10	3/4	2,392.48	3/4	2,758.86	3/4	3,125.25	3/4	3,491.63	3/4	3,853.77	3/4	3,974.95	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	223.99	8	569.10	8	934.58	8	1,300.96	8	1,667.35	8	2,033.73	8	2,400.11	8	2,766.50	8	3,132.88	8	3,499.26	8	3,860.69	8	3,974.97	8	8	8	8	8	8	8
1/4	230.78	1/4	576.60	1/4	942.21	1/4	1,308.59	1/4	1,674.98	1/4	2,041.36	1/4	2,407.75	1/4	2,774.13	1/4	3,140.51	1/4	3,506.90	1/4	3,867.62	1/4	3,974.99	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	237.56	1/2	584.10	1/2	949.84	1/2	1,316.23	1/2	1,682.61	1/2	2,049.00	1/2	2,415.38	1/2	2,781.76	1/2	3,148.15	1/2	3,514.53	1/2	3,873.08	1/2	3,975.01	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	244.35	3/4	591.61	3/4	957.48	3/4	1,323.86	3/4	1,690.24	3/4	2,056.63	3/4	2,423.01	3/4	2,789.40	3/4	3,155.78	3/4	3,522.16	3/4	3,878.55	3/4	3,975.03	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	251.13	9	599.11	9	965.11	9	1,331.49	9	1,697.88	9	2,064.26	9	2,430.65	9	2,797.03	9	3,163.41	9	3,529.80	9	3,884.02	9	3,975.05	9	9	9	9	9	9	9
1/4	257.92	1/4	606.62	1/4	972.74	1/4	1,339.13	1/4	1,705.51	1/4	2,071.89	1/4	2,438.28	1/4	2,804.66	1/4	3,171.05	1/4	3,537.43	1/4	3,889.49	1/4	3,975.07	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	264.70	1/2	614.12	1/2	980.38	1/2	1,346.76	1/2	1,713.14	1/2	2,079.53	1/2	2,445.91	1/2	2,812.29	1/2	3,178.68	1/2	3,545.06	1/2										



BARGE "MM-30" MAGNOLIA MARINE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4558

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	19.12	0	356.24	0	709.62	0	1,062.99	0	1,416.37	0	1,769.75	0	2,123.12	0	2,476.50	0	2,829.87	0	3,183.25	0	3,536.63	0	3,843.35	0		0				
1/4	23.62	1/4	363.60	1/4	716.98	1/4	1,070.36	1/4	1,423.73	1/4	1,777.11	1/4	2,130.48	1/4	2,483.86	1/4	2,837.24	1/4	3,190.61	1/4	3,543.99	1/4	3,847.22	1/4		1/4				
1/2	28.11	1/2	370.97	1/2	724.34	1/2	1,077.72	1/2	1,431.09	1/2	1,784.47	1/2	2,137.85	1/2	2,491.22	1/2	2,844.60	1/2	3,197.97	1/2	3,551.35	1/2	3,849.68	1/2		1/2				
3/4	32.60	3/4	378.33	3/4	731.70	3/4	1,085.08	3/4	1,438.46	3/4	1,791.83	3/4	2,145.21	3/4	2,498.58	3/4	2,851.96	3/4	3,205.34	3/4	3,558.71	3/4	3,852.14	3/4		3/4				
1	38.94	1	385.69	1	739.07	1	1,092.44	1	1,445.82	1	1,799.19	1	2,152.57	1	2,505.95	1	2,859.32	1	3,212.70	1	3,566.07	1	3,854.60	1		1				
1/4	45.28	1/4	393.05	1/4	746.43	1/4	1,099.80	1/4	1,453.18	1/4	1,806.56	1/4	2,159.93	1/4	2,513.31	1/4	2,866.68	1/4	3,220.06	1/4	3,573.44	1/4	3,857.06	1/4		1/4				
1/2	51.62	1/2	400.41	1/2	753.79	1/2	1,107.17	1/2	1,460.54	1/2	1,813.92	1/2	2,167.29	1/2	2,520.67	1/2	2,874.05	1/2	3,227.42	1/2	3,580.80	1/2	3,859.53	1/2		1/2				
3/4	57.96	3/4	407.78	3/4	761.15	3/4	1,114.53	3/4	1,467.90	3/4	1,821.28	3/4	2,174.66	3/4	2,528.03	3/4	2,881.41	3/4	3,234.78	3/4	3,588.16	3/4	3,861.99	3/4		3/4				
2	65.23	2	415.14	2	768.51	2	1,121.89	2	1,475.27	2	1,828.64	2	2,182.02	2	2,535.39	2	2,888.77	2	3,242.15	2	3,595.52	2	3,864.45	2		2				
1/4	72.49	1/4	422.50	1/4	775.88	1/4	1,129.25	1/4	1,482.63	1/4	1,836.00	1/4	2,189.38	1/4	2,542.76	1/4	2,896.13	1/4	3,249.51	1/4	3,602.88	1/4	3,866.91	1/4		1/4				
1/2	79.75	1/2	429.86	1/2	783.24	1/2	1,136.61	1/2	1,489.99	1/2	1,843.37	1/2	2,196.74	1/2	2,550.12	1/2	2,903.49	1/2	3,256.87	1/2	3,610.25	1/2	3,867.96	1/2		1/2				
3/4	87.02	3/4	437.22	3/4	790.60	3/4	1,143.98	3/4	1,497.35	3/4	1,850.73	3/4	2,204.10	3/4	2,557.48	3/4	2,910.86	3/4	3,264.23	3/4	3,617.61	3/4	3,869.02	3/4		3/4				
3	94.28	3	444.59	3	797.96	3	1,151.34	3	1,504.71	3	1,858.09	3	2,211.47	3	2,564.84	3	2,918.22	3	3,271.59	3	3,624.97	3	3,870.07	3		3				
1/4	101.54	1/4	451.95	1/4	805.32	1/4	1,158.70	1/4	1,512.08	1/4	1,865.45	1/4	2,218.83	1/4	2,572.20	1/4	2,925.58	1/4	3,278.96	1/4	3,632.33	1/4	3,871.12	1/4		1/4				
1/2	108.81	1/2	459.31	1/2	812.69	1/2	1,166.06	1/2	1,519.44	1/2	1,872.81	1/2	2,226.19	1/2	2,579.57	1/2	2,932.94	1/2	3,286.32	1/2	3,639.69	1/2	3,872.18	1/2		1/2				
3/4	116.07	3/4	466.67	3/4	820.05	3/4	1,173.42	3/4	1,526.80	3/4	1,880.18	3/4	2,233.55	3/4	2,586.93	3/4	2,940.30	3/4	3,293.68	3/4	3,647.06	3/4	3,873.23	3/4		3/4				
4	123.33	4	474.03	4	827.41	4	1,180.79	4	1,534.16	4	1,887.54	4	2,240.91	4	2,594.29	4	2,947.67	4	3,301.04	4	3,654.42	4	3,874.29	4		4				
1/4	130.59	1/4	481.40	1/4	834.77	1/4	1,188.15	1/4	1,541.52	1/4	1,894.90	1/4	2,248.28	1/4	2,601.65	1/4	2,955.03	1/4	3,308.40	1/4	3,661.78	1/4	3,875.34	1/4		1/4				
1/2	137.86	1/2	488.76	1/2	842.13	1/2	1,195.51	1/2	1,548.89	1/2	1,902.26	1/2	2,255.64	1/2	2,609.01	1/2	2,962.39	1/2	3,315.77	1/2	3,669.14	1/2	3,875.52	1/2		1/2				
3/4	145.12	3/4	496.12	3/4	849.50	3/4	1,202.87	3/4	1,556.25	3/4	1,909.62	3/4	2,263.00	3/4	2,616.38	3/4	2,969.75	3/4	3,323.13	3/4	3,676.50	3/4	3,875.69	3/4		3/4				
5	152.38	5	503.48	5	856.86	5	1,210.23	5	1,563.61	5	1,916.99	5	2,270.36	5	2,623.74	5	2,977.11	5	3,330.49	5	3,683.87	5		5		5				
1/4	159.65	1/4	510.84	1/4	864.22	1/4	1,217.60	1/4	1,570.97	1/4	1,924.35	1/4	2,277.72	1/4	2,631.10	1/4	2,984.48	1/4	3,337.85	1/4	3,691.23	1/4		1/4		1/4				
1/2	166.91	1/2	518.21	1/2	871.58	1/2	1,224.96	1/2	1,578.33	1/2	1,931.71	1/2	2,285.09	1/2	2,638.46	1/2	2,991.84	1/2	3,345.21	1/2	3,698.59	1/2		1/2		1/2				
3/4	174.17	3/4	525.57	3/4	878.94	3/4	1,232.32	3/4	1,585.70	3/4	1,939.07	3/4	2,292.45	3/4	2,645.82	3/4	2,999.20	3/4	3,352.58	3/4	3,705.95	3/4		3/4		3/4				
6	181.44	6	532.93	6	886.31	6	1,239.68	6	1,593.06	6	1,946.43	6	2,299.81	6	2,653.19	6	3,006.56	6	3,359.94	6	3,713.31	6		6		6				
1/4	188.70	1/4	540.29	1/4	893.67	1/4	1,247.04	1/4	1,600.42	1/4	1,953.80	1/4	2,307.17	1/4	2,660.55	1/4	3,013.92	1/4	3,367.30	1/4	3,720.68	1/4		1/4		1/4				
1/2	195.96	1/2	547.65	1/2	901.03	1/2	1,254.41	1/2	1,607.78	1/2	1,961.16	1/2	2,314.53	1/2	2,667.91	1/2	3,021.29	1/2	3,374.66	1/2	3,727.36	1/2		1/2		1/2				
3/4	203.22	3/4	555.02	3/4	908.39	3/4	1,261.77	3/4	1,615.14	3/4	1,968.52	3/4	2,321.90	3/4	2,675.27	3/4	3,028.65	3/4	3,382.02	3/4	3,734.03	3/4		3/4		3/4				
7	210.49	7	562.38	7	915.75	7	1,269.13	7	1,622.51	7	1,975.88	7	2,329.26	7	2,682.63	7	3,036.01	7	3,389.39	7	3,740.71	7		7		7				
1/4	217.75	1/4	569.74	1/4	923.12	1/4	1,276.49	1/4	1,629.87	1/4	1,983.24	1/4	2,336.62	1/4	2,690.00	1/4	3,043.37	1/4	3,396.75	1/4	3,747.39	1/4		1/4		1/4				
1/2	225.01	1/2	577.10	1/2	930.48	1/2	1,283.85	1/2	1,637.23	1/2	1,990.61	1/2	2,343.98	1/2	2,697.36	1/2	3,050.73	1/2	3,404.11	1/2	3,754.07	1/2		1/2		1/2				
3/4	232.28	3/4	584.46	3/4	937.84	3/4	1,291.22	3/4	1,644.59	3/4	1,997.97	3/4	2,351.34	3/4	2,704.72	3/4	3,058.10	3/4	3,411.47	3/4	3,760.75	3/4		3/4		3/4				
8	239.54	8	591.83	8	945.20	8	1,298.58	8	1,651.95	8	2,005.33	8	2,358.71	8	2,712.08	8	3,065.46	8	3,418.83	8	3,767.43	8		8		8				
1/4	246.80	1/4	599.19	1/4	952.56	1/4	1,305.94	1/4	1,659.32	1/4	2,012.69	1/4	2,366.07	1/4	2,719.44	1/4	3,072.82	1/4	3,426.20	1/4	3,774.11	1/4		1/4		1/4				
1/2	254.07	1/2	606.55	1/2	959.93	1/2	1,313.30	1/2	1,666.68	1/2	2,020.05	1/2	2,373.43	1/2	2,726.81	1/2	3,080.18	1/2	3,433.56	1/2	3,779.38	1/2		1/2		1/2				
3/4	261.33	3/4	613.91	3/4	967.29	3/4	1,320.66	3/4	1,674.04	3/4	2,027.42	3/4	2,380.79	3/4	2,734.17	3/4	3,087.54	3/4	3,440.92	3/4	3,784.65	3/4		3/4		3/4				
9	268.59	9	621.27	9	974.65	9	1,328.03	9	1,681.40	9	2,034.78	9	2,388.15	9	2,741.53	9	3,094.91	9	3,448.28	9	3,789.92	9		9		9				
1/4	275.85	1/4	628.64	1/4	982.01	1/4	1,335.39	1/4	1,688.76	1/4	2,042.14	1/4	2,395.52	1/4	2,748.89	1/4	3,102.27													



BARGE "MM-30" MAGNOLIA MARINE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4558

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	19.72	0	367.57	0	732.22	0	1,096.88	0	1,461.53	0	1,826.19	0	2,190.85	0	2,555.50	0	2,920.16	0	3,284.81	0	3,649.47	0	3,965.97	0		0		0	
1/4	24.35	1/4	375.16	1/4	739.82	1/4	1,104.47	1/4	1,469.13	1/4	1,833.79	1/4	2,198.44	1/4	2,563.10	1/4	2,927.75	1/4	3,292.41	1/4	3,657.07	1/4	3,969.96	1/4		1/4		1/4	
1/2	28.99	1/2	382.76	1/2	747.41	1/2	1,112.07	1/2	1,476.73	1/2	1,841.38	1/2	2,206.04	1/2	2,570.70	1/2	2,935.35	1/2	3,300.01	1/2	3,664.66	1/2	3,972.50	1/2		1/2		1/2	
3/4	33.63	3/4	390.36	3/4	755.01	3/4	1,119.67	3/4	1,484.32	3/4	1,848.98	3/4	2,213.64	3/4	2,578.29	3/4	2,942.95	3/4	3,307.60	3/4	3,672.26	3/4	3,975.04	3/4		3/4		3/4	
1	40.17	1	397.95	1	762.61	1	1,127.27	1	1,491.92	1	1,856.58	1	2,221.23	1	2,585.89	1	2,950.55	1	3,315.20	1	3,679.86	1	3,977.58	1		1		1	
1/4	46.71	1/4	405.55	1/4	770.21	1/4	1,134.86	1/4	1,499.52	1/4	1,864.17	1/4	2,228.83	1/4	2,593.49	1/4	2,958.14	1/4	3,322.80	1/4	3,687.45	1/4	3,980.12	1/4		1/4		1/4	
1/2	53.25	1/2	413.15	1/2	777.80	1/2	1,142.46	1/2	1,507.12	1/2	1,871.77	1/2	2,236.43	1/2	2,601.08	1/2	2,965.74	1/2	3,330.40	1/2	3,695.05	1/2	3,982.66	1/2		1/2		1/2	
3/4	59.80	3/4	420.74	3/4	785.40	3/4	1,150.06	3/4	1,514.71	3/4	1,879.37	3/4	2,244.02	3/4	2,608.68	3/4	2,973.34	3/4	3,337.99	3/4	3,702.65	3/4	3,985.20	3/4		3/4		3/4	
2	67.29	2	428.34	2	793.00	2	1,157.65	2	1,522.31	2	1,886.97	2	2,251.62	2	2,616.28	2	2,980.93	2	3,345.59	2	3,710.25	2	3,987.74	2		2		2	
1/4	74.78	1/4	435.94	1/4	800.59	1/4	1,165.25	1/4	1,529.91	1/4	1,894.56	1/4	2,259.22	1/4	2,623.87	1/4	2,988.53	1/4	3,353.19	1/4	3,717.84	1/4	3,990.27	1/4		1/4		1/4	
1/2	82.28	1/2	443.54	1/2	808.19	1/2	1,172.85	1/2	1,537.50	1/2	1,902.16	1/2	2,266.82	1/2	2,631.47	1/2	2,996.13	1/2	3,360.78	1/2	3,725.44	1/2	3,991.36	1/2		1/2		1/2	
3/4	89.77	3/4	451.13	3/4	815.79	3/4	1,180.44	3/4	1,545.10	3/4	1,909.76	3/4	2,274.41	3/4	2,639.07	3/4	3,003.72	3/4	3,368.38	3/4	3,733.04	3/4	3,992.45	3/4		3/4		3/4	
3	97.27	3	458.73	3	823.38	3	1,188.04	3	1,552.70	3	1,917.35	3	2,282.01	3	2,646.67	3	3,011.32	3	3,375.98	3	3,740.63	3	3,993.54	3		3		3	
1/4	104.76	1/4	466.33	1/4	830.98	1/4	1,195.64	1/4	1,560.29	1/4	1,924.95	1/4	2,289.61	1/4	2,654.26	1/4	3,018.92	1/4	3,383.57	1/4	3,748.23	1/4	3,994.63	1/4		1/4		1/4	
1/2	112.25	1/2	473.92	1/2	838.58	1/2	1,203.24	1/2	1,567.89	1/2	1,932.55	1/2	2,297.20	1/2	2,661.86	1/2	3,026.52	1/2	3,391.17	1/2	3,755.83	1/2	3,995.71	1/2		1/2		1/2	
3/4	119.75	3/4	481.52	3/4	846.18	3/4	1,210.83	3/4	1,575.49	3/4	1,940.14	3/4	2,304.80	3/4	2,669.46	3/4	3,034.11	3/4	3,398.77	3/4	3,763.42	3/4	3,996.80	3/4		3/4		3/4	
4	127.24	4	489.12	4	853.77	4	1,218.43	4	1,583.09	4	1,947.74	4	2,312.40	4	2,677.05	4	3,041.71	4	3,406.37	4	3,771.02	4	3,997.89	4		4		4	
1/4	134.74	1/4	496.71	1/4	861.37	1/4	1,226.03	1/4	1,590.68	1/4	1,955.34	1/4	2,319.99	1/4	2,684.65	1/4	3,049.31	1/4	3,413.96	1/4	3,778.62	1/4	3,998.98	1/4		1/4		1/4	
1/2	142.23	1/2	504.31	1/2	868.97	1/2	1,233.62	1/2	1,598.28	1/2	1,962.94	1/2	2,327.59	1/2	2,692.25	1/2	3,056.90	1/2	3,421.56	1/2	3,786.22	1/2	3,999.16	1/2		1/2		1/2	
3/4	149.72	3/4	511.91	3/4	876.56	3/4	1,241.22	3/4	1,605.88	3/4	1,970.53	3/4	2,335.19	3/4	2,699.84	3/4	3,064.50	3/4	3,429.16	3/4	3,793.81	3/4	3,999.34	3/4		3/4		3/4	
5	157.22	5	519.51	5	884.16	5	1,248.82	5	1,613.47	5	1,978.13	5	2,342.79	5	2,707.44	5	3,072.10	5	3,436.75	5	3,801.41	5		5		5		5	
1/4	164.71	1/4	527.10	1/4	891.76	1/4	1,256.41	1/4	1,621.07	1/4	1,985.73	1/4	2,350.38	1/4	2,715.04	1/4	3,079.69	1/4	3,444.35	1/4	3,809.01	1/4		1/4		1/4		1/4	
1/2	172.21	1/2	534.70	1/2	899.35	1/2	1,264.01	1/2	1,628.67	1/2	1,993.32	1/2	2,357.98	1/2	2,722.64	1/2	3,087.29	1/2	3,451.95	1/2	3,816.60	1/2		1/2		1/2		1/2	
3/4	179.70	3/4	542.30	3/4	906.95	3/4	1,271.61	3/4	1,636.26	3/4	2,000.92	3/4	2,365.58	3/4	2,730.23	3/4	3,094.89	3/4	3,459.54	3/4	3,824.20	3/4		3/4		3/4		3/4	
6	187.19	6	549.89	6	914.55	6	1,279.21	6	1,643.86	6	2,008.52	6	2,373.17	6	2,737.83	6	3,102.49	6	3,467.14	6	3,831.80	6		6		6		6	
1/4	194.69	1/4	557.49	1/4	922.15	1/4	1,286.80	1/4	1,651.46	1/4	2,016.11	1/4	2,380.77	1/4	2,745.43	1/4	3,110.08	1/4	3,474.74	1/4	3,839.39	1/4		1/4		1/4		1/4	
1/2	202.18	1/2	565.09	1/2	929.74	1/2	1,294.40	1/2	1,659.06	1/2	2,023.71	1/2	2,388.37	1/2	2,753.02	1/2	3,117.68	1/2	3,482.34	1/2	3,846.29	1/2		1/2		1/2		1/2	
3/4	209.68	3/4	572.68	3/4	937.34	3/4	1,302.00	3/4	1,666.65	3/4	2,031.31	3/4	2,395.96	3/4	2,760.62	3/4	3,125.28	3/4	3,489.93	3/4	3,853.18	3/4		3/4		3/4		3/4	
7	217.17	7	580.28	7	944.94	7	1,309.59	7	1,674.25	7	2,038.91	7	2,403.56	7	2,768.22	7	3,132.87	7	3,497.53	7	3,860.07	7		7		7		7	
1/4	224.66	1/4	587.88	1/4	952.53	1/4	1,317.19	1/4	1,681.85	1/4	2,046.50	1/4	2,411.16	1/4	2,775.81	1/4	3,140.47	1/4	3,505.13	1/4	3,866.96	1/4		1/4		1/4		1/4	
1/2	232.16	1/2	595.48	1/2	960.13	1/2	1,324.79	1/2	1,689.44	1/2	2,054.10	1/2	2,418.76	1/2	2,783.41	1/2	3,148.07	1/2	3,512.72	1/2	3,873.85	1/2		1/2		1/2		1/2	
3/4	239.65	3/4	603.07	3/4	967.73	3/4	1,332.38	3/4	1,697.04	3/4	2,061.70	3/4	2,426.35	3/4	2,791.01	3/4	3,155.66	3/4	3,520.32	3/4	3,880.74	3/4		3/4		3/4		3/4	
8	247.15	8	610.67	8	975.32	8	1,339.98	8	1,704.64	8	2,069.29	8	2,433.95	8	2,798.61	8	3,163.26	8	3,527.92	8	3,887.63	8		8		8		8	
1/4	254.64	1/4	618.27	1/4	982.92	1/4	1,347.58	1/4	1,712.23	1/4	2,076.89	1/4	2,441.55	1/4	2,806.20	1/4	3,170.86	1/4	3,535.51	1/4	3,894.52	1/4		1/4		1/4		1/4	
1/2	262.13	1/2	625.86	1/2	990.52	1/2	1,355.18	1/2	1,719.83	1/2	2,084.49	1/2	2,449.14	1/2	2,813.80	1/2	3,178.46	1/2	3,543.11	1/2	3,899.96	1/2		1/2		1/2		1/2	
3/4	269.63	3/4	633.46	3/4	998.12	3/4	1,362.77	3/4	1,727.43	3/4	2,092.08	3/4	2,456.74	3/4	2,821.40	3/4	3,186.05	3/4	3,550.71	3/4	3,905.40	3/4		3/4		3/4		3/4	
9	277.12	9	641.06	9	1,005.71	9	1,370.37	9	1,735.03	9	2,099.68	9	2,464.34	9	2,828.99	9	3,193.65	9	3,558.31	9	3,910.84	9		9		9		9	
1/4	284.62	1/4	648.65	1/4	1,013.31	1/4	1,377.97	1/4	1,742.62	1/4	2,107.28	1/4	2,471.93	1/4	2,836.59	1/4	3,201.25	1/4	3,565.90	1/4	3,916.28	1/4		1/4		1/4		1/4	
1/2	292.11	1/2	656.25	1/2	1,020.91	1/2	1,385.56	1/2	1,750.22	1/2	2,114.88	1/2	2,479.53	1/2	2,844.19	1/2	3,208.84	1/2	3,573.50	1/2	3,921.72	1/2		1/2		1/2		1/2	
3/4	299.60	3/4	663.85	3/4	1,028.50	3/4	1,393.16	3/4	1,757.82	3/4	2,122.47	3/4	2,487.13	3/4	2,851.78	3/4	3,216.44	3/4	3,581.10	3/4	3,927.16	3/4		3/4		3/4		3/4	
10	307.10	10	671.44	10	1,036.10	10	1,400.76	10	1,765.41	10	2,130.07	10	2,494.73	10	2,859.38	10	3,224.04	10	3,588.69	10	3,932.60	10		10		10		10	
1/4	314.59	1/4	679.04	1/4	1,043.70	1/4	1,408.35	1/4	1,773.01	1/4	2,137.67	1/4	2,502.32	1/4	2,866.98	1/4	3,231.63	1/4	3,596.29	1/4	3,938.04	1/4		1/4		1/4		1/4	
1/2	322.09	1/2	686.64	1/2	1,051.30	1/2	1,415.95	1/2	1,780.61	1/2	2,145.26	1/2	2,509.92	1/2															



BARGE "MM-30" MAGNOLIA MARINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4558

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	0	3,927.39	0	3,598.49	0	3,232.11	0	2,865.73	0	2,499.34	0	2,132.96	0	1,766.57	0	1,400.19	0	1,033.81	0	667.42	0	314.00	0		0				
1/4	1/4	3,923.38	1/4	3,590.86	1/4	3,224.48	1/4	2,858.09	1/4	2,491.71	1/4	2,125.33	1/4	1,758.94	1/4	1,392.56	1/4	1,026.17	1/4	659.79	1/4	306.91	1/4		1/4				
1/2	1/2	3,919.37	1/2	3,583.23	1/2	3,216.84	1/2	2,850.46	1/2	2,484.08	1/2	2,117.69	1/2	1,751.31	1/2	1,384.92	1/2	1,018.54	1/2	652.16	1/2	299.83	1/2		1/2				
3/4	3/4	3,915.36	3/4	3,575.60	3/4	3,209.21	3/4	2,842.83	3/4	2,476.44	3/4	2,110.06	3/4	1,743.68	3/4	1,377.29	3/4	1,010.91	3/4	644.52	3/4	292.74	3/4		3/4				
1	1	3,911.35	1	3,567.96	1	3,201.58	1	2,835.19	1	2,468.81	1	2,102.43	1	1,736.04	1	1,369.66	1	1,003.27	1	636.89	1	285.66	1		1				
1/4	1/4	3,905.89	1/4	3,560.33	1/4	3,193.95	1/4	2,827.56	1/4	2,461.18	1/4	2,094.79	1/4	1,728.41	1/4	1,362.03	1/4	995.64	1/4	629.26	1/4	278.57	1/4		1/4				
1/2	1/2	3,900.42	1/2	3,552.70	1/2	3,186.31	1/2	2,819.93	1/2	2,453.54	1/2	2,087.16	1/2	1,720.78	1/2	1,354.39	1/2	988.01	1/2	621.62	1/2	271.49	1/2		1/2				
3/4	3/4	3,894.95	3/4	3,545.06	3/4	3,178.68	3/4	2,812.30	3/4	2,445.91	3/4	2,079.53	3/4	1,713.14	3/4	1,346.76	3/4	980.38	3/4	614.12	3/4	264.70	3/4		3/4				
2	2	3,889.49	2	3,537.43	2	3,171.05	2	2,804.66	2	2,438.28	2	2,071.89	2	1,705.51	2	1,339.13	2	972.74	2	606.62	2	257.92	2		2				
1/4	1/4	3,884.02	1/4	3,529.80	1/4	3,163.41	1/4	2,797.03	1/4	2,430.65	1/4	2,064.26	1/4	1,697.88	1/4	1,331.49	1/4	965.11	1/4	599.11	1/4	251.13	1/4		1/4				
1/2	1/2	3,878.55	1/2	3,522.16	1/2	3,155.78	1/2	2,789.40	1/2	2,423.01	1/2	2,056.63	1/2	1,690.24	1/2	1,323.86	1/2	957.48	1/2	591.61	1/2	244.35	1/2		1/2				
3/4	3/4	3,873.09	3/4	3,514.53	3/4	3,148.15	3/4	2,781.76	3/4	2,415.38	3/4	2,049.00	3/4	1,682.61	3/4	1,316.23	3/4	949.84	3/4	584.10	3/4	237.56	3/4		3/4				
3	3	3,867.62	3	3,506.90	3	3,140.51	3	2,774.13	3	2,407.75	3	2,041.36	3	1,674.98	3	1,308.59	3	942.21	3	576.60	3	230.78	3		3				
1/4	1/4	3,860.69	1/4	3,499.27	1/4	3,132.88	1/4	2,766.50	1/4	2,400.11	1/4	2,033.73	1/4	1,667.35	1/4	1,300.96	1/4	934.58	1/4	569.10	1/4	223.99	1/4		1/4				
1/2	1/2	3,853.77	1/2	3,491.63	1/2	3,125.25	1/2	2,758.86	1/2	2,392.48	1/2	2,026.10	1/2	1,659.71	1/2	1,293.33	1/2	926.94	1/2	561.59	1/2	217.21	1/2		1/2				
3/4	3/4	3,846.84	3/4	3,484.00	3/4	3,117.62	3/4	2,751.23	3/4	2,384.85	3/4	2,018.46	3/4	1,652.08	3/4	1,285.70	3/4	919.31	3/4	554.09	3/4	210.42	3/4		3/4				
4	4	3,839.92	4	3,476.37	4	3,109.98	4	2,743.60	4	2,377.21	4	2,010.83	4	1,644.45	4	1,278.06	4	911.68	4	546.58	4	203.64	4		4				
1/4	1/4	3,832.99	1/4	3,468.73	1/4	3,102.35	1/4	2,735.97	1/4	2,369.58	1/4	2,003.20	1/4	1,636.81	1/4	1,270.43	1/4	904.05	1/4	539.08	1/4	196.85	1/4		1/4				
1/2	1/2	3,826.07	1/2	3,461.10	1/2	3,094.72	1/2	2,728.33	1/2	2,361.95	1/2	1,995.56	1/2	1,629.18	1/2	1,262.80	1/2	896.41	1/2	531.58	1/2	190.07	1/2		1/2				
3/4	3/4	3,819.14	3/4	3,453.47	3/4	3,087.08	3/4	2,720.70	3/4	2,354.32	3/4	1,987.93	3/4	1,621.55	3/4	1,255.16	3/4	888.78	3/4	524.07	3/4	183.28	3/4		3/4				
5	5	3,812.22	5	3,445.83	5	3,079.45	5	2,713.07	5	2,346.68	5	1,980.30	5	1,613.91	5	1,247.53	5	881.15	5	516.57	5	176.50	5		5				
1/4	1/4	3,804.59	1/4	3,438.20	1/4	3,071.82	1/4	2,705.43	1/4	2,339.05	1/4	1,972.67	1/4	1,606.28	1/4	1,239.90	1/4	873.51	1/4	509.06	1/4	169.71	1/4		1/4				
1/2	1/2	3,796.95	1/2	3,430.57	1/2	3,064.18	1/2	2,697.80	1/2	2,331.42	1/2	1,965.03	1/2	1,598.65	1/2	1,232.26	1/2	865.88	1/2	501.56	1/2	162.93	1/2		1/2				
3/4	3/4	3,789.32	3/4	3,422.94	3/4	3,056.55	3/4	2,690.17	3/4	2,323.78	3/4	1,957.40	3/4	1,591.02	3/4	1,224.63	3/4	858.25	3/4	494.06	3/4	156.14	3/4		3/4				
6	6	3,781.69	6	3,415.30	6	3,048.92	6	2,682.53	6	2,316.15	6	1,949.77	6	1,583.38	6	1,217.00	6	850.61	6	486.55	6	149.36	6		6				
1/4	1/4	3,774.05	1/4	3,407.67	1/4	3,041.29	1/4	2,674.90	1/4	2,308.52	1/4	1,942.13	1/4	1,575.75	1/4	1,209.37	1/4	842.98	1/4	479.05	1/4	142.57	1/4		1/4				
1/2	1/2	3,772.94	1/2	3,766.42	1/2	3,400.04	1/2	3,033.65	1/2	2,667.27	1/2	2,300.88	1/2	1,934.50	1/2	1,568.12	1/2	835.35	1/2	471.54	1/2	135.79	1/2		1/2				
3/4	3/4	3,772.76	3/4	3,758.79	3/4	3,392.40	3/4	3,026.02	3/4	2,659.64	3/4	2,293.25	3/4	1,926.87	3/4	1,560.48	3/4	827.72	3/4	464.04	3/4	129.00	3/4		3/4				
7	7	3,772.58	7	3,751.15	7	3,384.77	7	3,018.39	7	2,652.00	7	2,285.62	7	1,919.23	7	1,552.85	7	820.08	7	456.54	7	122.22	7		7				
1/4	1/4	3,971.49	1/4	3,743.52	1/4	3,377.14	1/4	3,010.75	1/4	2,644.37	1/4	2,277.99	1/4	1,911.60	1/4	1,545.22	1/4	812.45	1/4	449.03	1/4	115.43	1/4		1/4				
1/2	1/2	3,970.39	1/2	3,735.89	1/2	3,369.50	1/2	3,003.12	1/2	2,636.74	1/2	2,270.35	1/2	1,903.97	1/2	1,537.58	1/2	804.82	1/2	441.53	1/2	108.65	1/2		1/2				
3/4	3/4	3,969.30	3/4	3,728.26	3/4	3,361.87	3/4	2,995.49	3/4	2,629.10	3/4	2,262.72	3/4	1,896.34	3/4	1,529.95	3/4	797.18	3/4	434.44	3/4	102.16	3/4		3/4				
8	8	3,968.21	8	3,720.62	8	3,354.24	8	2,987.85	8	2,621.47	8	2,255.09	8	1,888.70	8	1,522.32	8	789.55	8	427.36	8	95.68	8		8				
1/4	1/4	3,967.11	1/4	3,712.99	1/4	3,346.61	1/4	2,980.22	1/4	2,613.84	1/4	2,247.45	1/4	1,881.07	1/4	1,514.69	1/4	781.92	1/4	420.27	1/4	89.19	1/4		1/4				
1/2	1/2	3,966.02	1/2	3,705.36	1/2	3,338.97	1/2	2,972.59	1/2	2,606.20	1/2	2,239.82	1/2	1,873.44	1/2	1,507.05	1/2	774.28	1/2	413.19	1/2	82.71	1/2		1/2				
3/4	3/4	3,964.93	3/4	3,697.72	3/4	3,331.34	3/4	2,964.96	3/4	2,598.57	3/4	2,232.19	3/4	1,865.80	3/4	1,499.42	3/4	766.65	3/4	406.10	3/4	76.22	3/4		3/4				
9	9	3,963.83	9	3,690.09	9	3,323.71	9	2,957.32	9	2,590.94	9	2,224.55	9	1,858.17	9	1,491.79	9	759.02	9	399.02	9	69.74	9		9				
1/4	1/4	3,961.28	1/4	3,682.46	1/4	3,316.07	1/4	2,949.69	1/4	2,583.31	1/4	2,216.92	1/4	1,850.54	1/4	1,484.15	1/4	751.39	1/4	391.93	1/4	63.25	1/4		1/4				
1/2	1/2	3,958.73	1/2	3,674.82	1/2	3,308.44	1/2	2,942.06	1/2	2,575.67	1/2	2,209.29	1/2	1,842.90	1/2	1,476.52	1/2	743.75	1/2	384.85	1/2	56.77	1/2		1/2				
3/4	3/4	3,956.18	3/4	3,667.19	3/4	3,300.81	3/4	2,934.42	3/4	2,568.04	3/4	2,201.66	3/4	1,835.27	3/4	1,468.89	3/4	736.12	3/4	377.76	3/4	51.03	3/4		3/4				
10	10	3,953.63	10	3,659.56	10	3,293.17	10	2,926.79	10	2,560.41	10	2,194.02	10	1,827.64	10	1,461.25	10	728.49	10	370.68	10	45.29	10		10				
1/4	1/4	3,951.08	1/4	3,651.93	1/4	3,285.54	1/4	2,919.16	1/4	2,552.77	1/4	2,186.39	1/4	1,820.01	1/4	1,453.62	1/4	720.85	1/4	363.59	1/4	39.55	1/4		1/4				
1/2	1/2	3,948.53	1/2	3,644.29	1/2	3,277.91	1/2	2,911.52	1/2	2,545.14	1/2	2,178.76	1/2	1,812.37	1/2	1,445.99	1/2	713.22	1/2	356.51	1/2	33.82	1/2		1/2				



BARGE "MM-30" MAGNOLIA MARINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4558

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	0	3,931.40	0	3,606.13	0	3,239.74	0	2,873.36	0	2,506.98	0	2,140.59	0	1,774.21	0	1,407.82	0	1,041.44	0	675.06	0	321.08	0	0	0	0	0	0	0	0	
1/4	1/4	3,927.39	1/4	3,598.49	1/4	3,232.11	1/4	2,865.73	1/4	2,499.34	1/4	2,132.96	1/4	1,766.57	1/4	1,400.19	1/4	1,033.81	1/4	667.42	1/4	314.00	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,923.38	1/2	3,590.86	1/2	3,224.48	1/2	2,858.09	1/2	2,491.71	1/2	2,125.33	1/2	1,758.94	1/2	1,392.56	1/2	1,026.17	1/2	659.79	1/2	306.91	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,919.37	3/4	3,583.23	3/4	3,216.84	3/4	2,850.46	3/4	2,484.08	3/4	2,117.69	3/4	1,751.31	3/4	1,384.92	3/4	1,018.54	3/4	652.16	3/4	299.83	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
1	1	3,915.36	1	3,575.60	1	3,209.21	1	2,842.83	1	2,476.44	1	2,110.06	1	1,743.68	1	1,377.29	1	1,010.91	1	644.52	1	292.74	1	1	1	1	1	1	1		
1/4	1/4	3,911.35	1/4	3,567.96	1/4	3,201.58	1/4	2,835.19	1/4	2,468.81	1/4	2,102.43	1/4	1,736.04	1/4	1,369.66	1/4	1,003.27	1/4	636.89	1/4	285.66	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,905.89	1/2	3,560.33	1/2	3,193.95	1/2	2,827.56	1/2	2,461.18	1/2	2,094.79	1/2	1,728.41	1/2	1,362.03	1/2	995.64	1/2	629.26	1/2	278.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,900.42	3/4	3,552.70	3/4	3,186.31	3/4	2,819.93	3/4	2,453.54	3/4	2,087.16	3/4	1,720.78	3/4	1,354.39	3/4	988.01	3/4	621.62	3/4	271.49	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
2	2	3,894.95	2	3,545.06	2	3,178.68	2	2,812.30	2	2,445.91	2	2,079.53	2	1,713.14	2	1,346.76	2	980.38	2	614.12	2	264.70	2	2	2	2	2	2	2		
1/4	1/4	3,889.49	1/4	3,537.43	1/4	3,171.05	1/4	2,804.66	1/4	2,438.28	1/4	2,071.89	1/4	1,705.51	1/4	1,339.13	1/4	972.74	1/4	606.62	1/4	257.92	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,884.02	1/2	3,529.80	1/2	3,163.41	1/2	2,797.03	1/2	2,430.65	1/2	2,064.26	1/2	1,697.88	1/2	1,331.49	1/2	965.11	1/2	599.11	1/2	251.13	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,878.55	3/4	3,522.16	3/4	3,155.78	3/4	2,789.40	3/4	2,423.01	3/4	2,056.63	3/4	1,690.24	3/4	1,323.86	3/4	957.48	3/4	591.61	3/4	244.35	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
3	3	3,873.09	3	3,514.53	3	3,148.15	3	2,781.76	3	2,415.38	3	2,049.00	3	1,682.61	3	1,316.23	3	949.84	3	584.10	3	237.56	3	3	3	3	3	3	3		
1/4	1/4	3,867.62	1/4	3,506.90	1/4	3,140.51	1/4	2,774.13	1/4	2,407.75	1/4	2,041.36	1/4	1,674.98	1/4	1,308.59	1/4	942.21	1/4	576.60	1/4	230.78	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,860.69	1/2	3,499.27	1/2	3,132.88	1/2	2,766.50	1/2	2,400.11	1/2	2,033.73	1/2	1,667.35	1/2	1,300.96	1/2	934.58	1/2	569.10	1/2	223.99	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,853.77	3/4	3,491.63	3/4	3,125.25	3/4	2,758.86	3/4	2,392.48	3/4	2,026.10	3/4	1,659.71	3/4	1,293.33	3/4	926.94	3/4	561.59	3/4	217.21	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
4	4	3,846.84	4	3,484.00	4	3,117.62	4	2,751.23	4	2,384.85	4	2,018.46	4	1,652.08	4	1,285.70	4	919.31	4	554.09	4	210.42	4	4	4	4	4	4	4		
1/4	1/4	3,839.92	1/4	3,476.37	1/4	3,109.98	1/4	2,743.60	1/4	2,377.21	1/4	2,010.83	1/4	1,644.45	1/4	1,278.06	1/4	911.68	1/4	546.58	1/4	203.64	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,832.99	1/2	3,468.73	1/2	3,102.35	1/2	2,735.97	1/2	2,369.58	1/2	2,003.20	1/2	1,636.81	1/2	1,270.43	1/2	904.05	1/2	539.08	1/2	196.85	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,826.07	3/4	3,461.10	3/4	3,094.72	3/4	2,728.33	3/4	2,361.95	3/4	1,995.56	3/4	1,629.18	3/4	1,262.80	3/4	896.41	3/4	531.58	3/4	190.07	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
5	5	3,819.14	5	3,453.47	5	3,087.08	5	2,720.70	5	2,354.32	5	1,987.93	5	1,621.55	5	1,255.16	5	888.78	5	524.07	5	183.28	5	5	5	5	5	5	5		
1/4	1/4	3,812.22	1/4	3,445.83	1/4	3,079.45	1/4	2,713.07	1/4	2,346.68	1/4	1,980.30	1/4	1,613.91	1/4	1,247.53	1/4	881.15	1/4	516.57	1/4	176.50	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,804.59	1/2	3,438.20	1/2	3,071.82	1/2	2,705.43	1/2	2,339.05	1/2	1,972.67	1/2	1,606.28	1/2	1,239.90	1/2	873.51	1/2	509.06	1/2	169.71	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,796.95	3/4	3,430.57	3/4	3,064.18	3/4	2,697.80	3/4	2,331.42	3/4	1,965.03	3/4	1,598.65	3/4	1,232.26	3/4	865.88	3/4	501.56	3/4	162.93	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
6	6	3,789.32	6	3,422.94	6	3,056.55	6	2,690.17	6	2,323.78	6	1,957.40	6	1,591.02	6	1,224.63	6	858.25	6	494.06	6	156.14	6	6	6	6	6	6	6		
1/4	1/4	3,781.69	1/4	3,415.30	1/4	3,048.92	1/4	2,682.53	1/4	2,316.15	1/4	1,949.77	1/4	1,583.38	1/4	1,217.00	1/4	850.61	1/4	486.55	1/4	149.36	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,774.05	1/2	3,407.67	1/2	3,041.29	1/2	2,674.90	1/2	2,308.52	1/2	1,942.13	1/2	1,575.75	1/2	1,209.37	1/2	842.98	1/2	479.05	1/2	142.57	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,772.94	3/4	3,406.42	3/4	3,033.65	3/4	2,667.27	3/4	2,300.88	3/4	1,934.50	3/4	1,568.12	3/4	1,201.73	3/4	835.35	3/4	471.54	3/4	135.79	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
7	7	3,772.76	7	3,758.79	7	3,392.40	7	3,026.02	7	2,659.64	7	2,293.25	7	1,926.87	7	1,560.48	7	827.72	7	464.04	7	129.00	7	7	7	7	7	7	7		
1/4	1/4	3,772.58	1/4	3,751.15	1/4	3,384.77	1/4	3,018.39	1/4	2,652.00	1/4	1,919.23	1/4	1,552.85	1/4	1,186.47	1/4	820.08	1/4	456.54	1/4	122.22	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,771.49	1/2	3,743.52	1/2	3,377.14	1/2	3,010.75	1/2	2,644.37	1/2	1,911.60	1/2	1,545.22	1/2	1,178.83	1/2	812.45	1/2	449.03	1/2	115.43	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,770.39	3/4	3,735.89	3/4	3,369.50	3/4	3,003.12	3/4	2,636.74	3/4	1,903.97	3/4	1,537.58	3/4	1,171.20	3/4	804.82	3/4	441.53	3/4	108.65	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
8	8	3,969.30	8	3,728.26	8	3,361.87	8	2,995.49	8	2,629.10	8	2,262.72	8	1,896.34	8	1,529.95	8	797.18	8	434.44	8	102.16	8	8	8	8	8	8	8		
1/4	1/4	3,968.21	1/4	3,720.62	1/4	3,354.24	1/4	2,987.85	1/4	2,621.47	1/4	2,255.09	1/4	1,888.70	1/4	1,522.32	1/4	789.55	1/4	427.36	1/4	95.68	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,967.11	1/2	3,712.99	1/2	3,346.61	1/2	2,980.22	1/2	2,613.84	1/2	2,247.45	1/2	1,881.07	1/2	1,514.69	1/2	781.92	1/2	420.27	1/2	89.19	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,966.02	3/4	3,705.36	3/4	3,338.97	3/4	2,972.59	3/4	2,606.20	3/4	2,239.82	3/4	1,873.44	3/4	1,507.05	3/4	774.28	3/4	413.19	3/4	82.71	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
9	9	3,964.93	9	3,697.72	9	3,331.34	9	2,964.96	9	2,598.57	9	2,232.19	9	1,865.80	9	1,499.42	9	766.65	9	406.10	9	76.22	9	9	9	9	9	9	9		
1/4	1/4	3,963.83	1/4	3,690.09	1/4	3,323.71	1/4	2,957.32	1/4	2,590.94	1/4	2,224.55	1/4	1,858.17	1/4	1,491.79	1/4	759.02	1/4	399.02	1/4	69.74	1/4	1/4	1/4	1/4	1/4	1/4	1/4		
1/2	1/2	3,961.28	1/2	3,682.46	1/2	3,316.07	1/2	2,949.69	1/2	2,583.31	1/2	2,216.92	1/2	1,850.54	1/2	1,484.15	1/2	751.39	1/2	391.93	1/2	63.25	1/2	1/2	1/2	1/2	1/2	1/2	1/2		
3/4	3/4	3,958.73	3/4	3,674.82	3/4	3,308.44	3/4	2,942.06	3/4	2,575.67	3/4	2,209.29	3/4	1,842.90	3/4	1,476.52	3/4	743.75	3/4	384.85	3/4	56.77	3/4	3/4	3/4	3/4	3/4	3/4	3/4		
10	10	3,956.18	10	3																											



BARGE "MM-30" MAGNOLIA MARINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4558

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		0	3,827.89	0	3,507.18	0	3,153.80	0	2,800.43	0	2,447.05	0	2,093.67	0	1,740.30	0	1,386.92	0	1,033.55	0	680.17	0	326.79	0		0			
1/4		1/4	3,824.02	1/4	3,499.82	1/4	3,146.44	1/4	2,793.06	1/4	2,439.69	1/4	2,086.31	1/4	1,732.94	1/4	1,379.56	1/4	1,026.18	1/4	672.81	1/4	319.43	1/4		1/4			
1/2		1/2	3,820.15	1/2	3,492.45	1/2	3,139.08	1/2	2,785.70	1/2	2,432.33	1/2	2,078.95	1/2	1,725.57	1/2	1,372.20	1/2	1,018.82	1/2	665.45	1/2	312.17	1/2		1/2			
3/4		3/4	3,816.28	3/4	3,485.09	3/4	3,131.72	3/4	2,778.34	3/4	2,424.96	3/4	2,071.59	3/4	1,718.21	3/4	1,364.84	3/4	1,011.46	3/4	658.08	3/4	304.91	3/4		3/4			
1		1	3,811.01	1	3,477.73	1	3,124.35	1	2,770.98	1	2,417.60	1	2,064.23	1	1,710.85	1	1,357.47	1	1,004.10	1	650.72	1	297.64	1		1			
1/4		1/4	3,805.74	1/4	3,470.37	1/4	3,116.99	1/4	2,763.62	1/4	2,410.24	1/4	2,056.86	1/4	1,703.49	1/4	1,350.11	1/4	996.74	1/4	643.36	1/4	290.38	1/4		1/4			
1/2		1/2	3,800.47	1/2	3,463.01	1/2	3,109.63	1/2	2,756.25	1/2	2,402.88	1/2	2,049.50	1/2	1,696.13	1/2	1,342.75	1/2	989.37	1/2	636.00	1/2	283.12	1/2		1/2			
3/4		3/4	3,795.20	3/4	3,455.64	3/4	3,102.27	3/4	2,748.89	3/4	2,395.52	3/4	2,042.14	3/4	1,688.76	3/4	1,335.39	3/4	982.01	3/4	628.64	3/4	275.85	3/4		3/4			
2		2	3,789.92	2	3,448.28	2	3,094.91	2	2,741.53	2	2,388.15	2	2,034.78	2	1,681.40	2	1,328.03	2	974.65	2	621.27	2	268.59	2		2			
1/4		1/4	3,784.65	1/4	3,440.92	1/4	3,087.54	1/4	2,734.17	1/4	2,380.79	1/4	2,027.42	1/4	1,674.04	1/4	1,320.66	1/4	967.29	1/4	613.91	1/4	261.33	1/4		1/4			
1/2		1/2	3,779.38	1/2	3,433.56	1/2	3,080.18	1/2	2,726.81	1/2	2,373.43	1/2	2,020.05	1/2	1,666.68	1/2	1,313.30	1/2	959.93	1/2	606.55	1/2	254.06	1/2		1/2			
3/4		3/4	3,774.11	3/4	3,426.20	3/4	3,072.82	3/4	2,719.44	3/4	2,366.07	3/4	2,012.69	3/4	1,659.32	3/4	1,305.94	3/4	952.56	3/4	599.19	3/4	246.80	3/4		3/4			
3		3	3,767.43	3	3,418.83	3	3,065.46	3	2,712.08	3	2,358.71	3	2,005.33	3	1,651.95	3	1,298.58	3	945.20	3	591.83	3	239.54	3		3			
1/4		1/4	3,760.75	1/4	3,411.47	1/4	3,058.10	1/4	2,704.72	1/4	2,351.34	1/4	1,997.97	1/4	1,644.59	1/4	1,291.22	1/4	937.84	1/4	584.46	1/4	232.28	1/4		1/4			
1/2		1/2	3,754.07	1/2	3,404.11	1/2	3,050.73	1/2	2,697.36	1/2	2,343.98	1/2	1,990.61	1/2	1,637.23	1/2	1,283.85	1/2	930.48	1/2	577.10	1/2	225.01	1/2		1/2			
3/4		3/4	3,747.39	3/4	3,396.75	3/4	3,043.37	3/4	2,690.00	3/4	2,336.62	3/4	1,983.24	3/4	1,629.87	3/4	1,276.49	3/4	923.12	3/4	569.74	3/4	217.75	3/4		3/4			
4		4	3,740.71	4	3,389.39	4	3,036.01	4	2,682.63	4	2,329.26	4	1,975.88	4	1,622.51	4	1,269.13	4	915.75	4	562.38	4	210.49	4		4			
1/4		1/4	3,734.03	1/4	3,382.02	1/4	3,028.65	1/4	2,675.27	1/4	2,321.90	1/4	1,968.52	1/4	1,615.14	1/4	1,261.77	1/4	908.39	1/4	555.02	1/4	203.22	1/4		1/4			
1/2		1/2	3,727.36	1/2	3,374.66	1/2	3,021.29	1/2	2,667.91	1/2	2,314.53	1/2	1,961.16	1/2	1,607.78	1/2	1,254.41	1/2	901.03	1/2	547.65	1/2	195.96	1/2		1/2			
3/4		3/4	3,720.68	3/4	3,367.30	3/4	3,013.92	3/4	2,660.55	3/4	2,307.17	3/4	1,953.80	3/4	1,600.42	3/4	1,247.04	3/4	893.67	3/4	540.29	3/4	188.70	3/4		3/4			
5		5	3,713.31	5	3,359.94	5	3,006.56	5	2,653.19	5	2,299.81	5	1,946.43	5	1,593.06	5	1,239.68	5	886.31	5	532.93	5	181.43	5		5			
1/4		1/4	3,705.95	1/4	3,352.58	1/4	2,999.20	1/4	2,645.82	1/4	2,292.45	1/4	1,939.07	1/4	1,585.70	1/4	1,232.32	1/4	878.94	1/4	525.57	1/4	174.17	1/4		1/4			
1/2		1/2	3,698.59	1/2	3,345.21	1/2	2,991.84	1/2	2,638.46	1/2	2,285.09	1/2	1,931.71	1/2	1,578.33	1/2	1,224.96	1/2	871.58	1/2	518.21	1/2	166.91	1/2		1/2			
3/4		3/4	3,691.23	3/4	3,337.85	3/4	2,984.48	3/4	2,631.10	3/4	2,277.72	3/4	1,924.35	3/4	1,570.97	3/4	1,217.60	3/4	864.22	3/4	510.84	3/4	159.65	3/4		3/4			
6		6	3,683.87	6	3,330.49	6	2,977.11	6	2,623.74	6	2,270.36	6	1,916.99	6	1,563.61	6	1,210.23	6	856.86	6	503.48	6	152.38	6		6			
1/4	3,875.69	1/4	3,676.50	1/4	3,323.13	1/4	2,969.75	1/4	2,616.38	1/4	2,263.00	1/4	1,909.62	1/4	1,556.25	1/4	1,202.87	1/4	849.50	1/4	496.12	1/4	145.12	1/4		1/4			
1/2	3,875.52	1/2	3,669.14	1/2	3,315.77	1/2	2,962.39	1/2	2,609.01	1/2	2,255.64	1/2	1,902.26	1/2	1,548.89	1/2	1,195.51	1/2	842.13	1/2	488.76	1/2	137.86	1/2		1/2			
3/4	3,875.34	3/4	3,661.78	3/4	3,308.40	3/4	2,955.03	3/4	2,601.65	3/4	2,248.28	3/4	1,894.90	3/4	1,541.52	3/4	1,188.15	3/4	834.77	3/4	481.40	3/4	130.59	3/4		3/4			
7		7	3,874.29	7	3,654.42	7	3,301.04	7	2,947.67	7	2,594.29	7	2,240.91	7	1,887.54	7	1,534.16	7	1,180.79	7	827.41	7	123.33	7		7			
1/4		1/4	3,873.23	1/4	3,647.06	1/4	3,293.68	1/4	2,940.30	1/4	2,586.93	1/4	2,233.55	1/4	1,880.18	1/4	1,526.80	1/4	1,173.42	1/4	820.05	1/4	116.07	1/4		1/4			
1/2		1/2	3,872.18	1/2	3,639.69	1/2	3,286.32	1/2	2,932.94	1/2	2,579.57	1/2	2,226.19	1/2	1,872.81	1/2	1,519.44	1/2	1,166.06	1/2	812.69	1/2	108.80	1/2		1/2			
3/4		3/4	3,871.12	3/4	3,632.33	3/4	3,278.96	3/4	2,925.58	3/4	2,572.20	3/4	2,218.83	3/4	1,865.45	3/4	1,512.08	3/4	1,158.70	3/4	805.32	3/4	101.54	3/4		3/4			
8		8	3,870.07	8	3,624.97	8	3,271.59	8	2,918.22	8	2,564.84	8	2,211.47	8	1,858.09	8	1,504.71	8	1,151.34	8	797.96	8	94.28	8		8			
1/4		1/4	3,869.02	1/4	3,617.61	1/4	3,264.23	1/4	2,910.86	1/4	2,557.48	1/4	2,204.10	1/4	1,850.73	1/4	1,497.35	1/4	1,143.98	1/4	790.60	1/4	87.02	1/4		1/4			
1/2		1/2	3,867.96	1/2	3,610.25	1/2	3,256.87	1/2	2,903.49	1/2	2,550.12	1/2	2,196.74	1/2	1,843.37	1/2	1,489.99	1/2	1,136.61	1/2	783.24	1/2	79.75	1/2		1/2			
3/4		3/4	3,866.91	3/4	3,602.88	3/4	3,249.51	3/4	2,896.13	3/4	2,542.76	3/4	2,189.38	3/4	1,836.00	3/4	1,482.63	3/4	1,129.25	3/4	775.88	3/4	72.49	3/4		3/4			
9		9	3,864.45	9	3,595.52	9	3,242.15	9	2,888.77	9	2,535.39	9	2,182.02	9	1,828.64	9	1,475.27	9	1,121.89	9	768.51	9	65.23	9		9			
1/4		1/4	3,861.99	1/4	3,588.16	1/4	3,234.78	1/4	2,881.41	1/4	2,528.03	1/4	2,174.66	1/4	1,821.28	1/4	1,467.90	1/4	1,114.53	1/4	761.15	1/4	57.96	1/4		1/4			
1/2		1/2	3,859.53	1/2	3,580.80	1/2	3,227.42	1/2	2,874.05	1/2	2,520.67	1/2	2,167.29	1/2	1,813.92	1/2	1,460.54	1/2	1,107.17	1/2	753.79	1/2	51.62	1/2		1/2			
3/4		3/4	3,857.06	3/4	3,573.44	3/4	3,220.06	3/4	2,866.68	3/4	2,513.31	3/4	2,159.93	3/4	1,806.56	3/4	1,453.18	3/4	1,099.80	3/4	746.43	3/4	45.28	3/4		3/4			
10		10	3,854.60	10	3,566.07	10	3,212.70	10	2,859.32	10	2,505.95	10	2,152.57	10	1,799.19	10	1,445.82	10	1,092.44	10	739.07	10	38.94	10		10			
1/4		1/4	3,852.14	1/4	3,558.71	1/4	3,205.34	1/4	2,851.96	1/4	2,498.58	1/4	2,145.21	1/4	1,791.83	1/4	1,438.46	1/4	1,085.08	1/4	731.70	1/4	32.60	1/4		1/4			
1/2		1/2	3,849.68	1/2	3,551.35	1/2	3,197.97	1/2	2,844.60	1/2	2,491.22	1/2	2,137.85	1/2	1,784.47	1/2	1,431.09	1/2	1,077.72	1									



BARGE "MM-30" MAGNOLIA MARINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4558

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		0	3,950.01	0	3,619.08	0	3,254.42	0	2,889.77	0	2,525.11	0	2,160.46	0	1,795.80	0	1,431.14	0	1,066.49	0	701.83	0	337.18	0		0			
1/4		1/4	3,946.02	1/4	3,611.48	1/4	3,246.83	1/4	2,882.17	1/4	2,517.52	1/4	2,152.86	1/4	1,788.20	1/4	1,423.55	1/4	1,058.89	1/4	694.24	1/4	329.58	1/4		1/4			
1/2		1/2	3,942.03	1/2	3,603.89	1/2	3,239.23	1/2	2,874.57	1/2	2,509.92	1/2	2,145.26	1/2	1,780.61	1/2	1,415.95	1/2	1,051.29	1/2	686.64	1/2	322.09	1/2		1/2			
3/4		3/4	3,938.04	3/4	3,596.29	3/4	3,231.63	3/4	2,866.98	3/4	2,502.32	3/4	2,137.67	3/4	1,773.01	3/4	1,408.35	3/4	1,043.70	3/4	679.04	3/4	314.59	3/4		3/4			
1		1	3,932.60	1	3,588.69	1	3,224.04	1	2,859.38	1	2,494.72	1	2,130.07	1	1,765.41	1	1,400.76	1	1,036.10	1	671.44	1	307.10	1		1			
1/4		1/4	3,927.16	1/4	3,581.10	1/4	3,216.44	1/4	2,851.78	1/4	2,487.13	1/4	2,122.47	1/4	1,757.82	1/4	1,393.16	1/4	1,028.50	1/4	663.85	1/4	299.60	1/4		1/4			
1/2		1/2	3,921.72	1/2	3,573.50	1/2	3,208.84	1/2	2,844.19	1/2	2,479.53	1/2	2,114.87	1/2	1,750.22	1/2	1,385.56	1/2	1,020.91	1/2	656.25	1/2	292.11	1/2		1/2			
3/4		3/4	3,916.28	3/4	3,565.90	3/4	3,201.25	3/4	2,836.59	3/4	2,471.93	3/4	2,107.28	3/4	1,742.62	3/4	1,377.97	3/4	1,013.31	3/4	648.65	3/4	284.62	3/4		3/4			
2		2	3,910.84	2	3,558.30	2	3,193.65	2	2,828.99	2	2,464.34	2	2,099.68	2	1,735.02	2	1,370.37	2	1,005.71	2	641.06	2	277.12	2		2			
1/4		1/4	3,905.40	1/4	3,550.71	1/4	3,186.05	1/4	2,821.40	1/4	2,456.74	1/4	2,092.08	1/4	1,727.43	1/4	1,362.77	1/4	998.12	1/4	633.46	1/4	269.63	1/4		1/4			
1/2		1/2	3,899.96	1/2	3,543.11	1/2	3,178.45	1/2	2,813.80	1/2	2,449.14	1/2	2,084.49	1/2	1,719.83	1/2	1,355.17	1/2	990.52	1/2	625.86	1/2	262.13	1/2		1/2			
3/4		3/4	3,894.52	3/4	3,535.51	3/4	3,170.86	3/4	2,806.20	3/4	2,441.55	3/4	2,076.89	3/4	1,712.23	3/4	1,347.58	3/4	982.92	3/4	618.27	3/4	254.64	3/4		3/4			
3		3	3,887.63	3	3,527.92	3	3,163.26	3	2,798.60	3	2,433.95	3	2,069.29	3	1,704.64	3	1,339.98	3	975.32	3	610.67	3	247.15	3		3			
1/4		1/4	3,880.74	1/4	3,520.32	1/4	3,155.66	1/4	2,791.01	1/4	2,426.35	1/4	2,061.70	1/4	1,697.04	1/4	1,332.38	1/4	967.73	1/4	603.07	1/4	239.65	1/4		1/4			
1/2		1/2	3,873.85	1/2	3,512.72	1/2	3,148.07	1/2	2,783.41	1/2	2,418.75	1/2	2,054.10	1/2	1,689.44	1/2	1,324.79	1/2	960.13	1/2	595.47	1/2	232.16	1/2		1/2			
3/4		3/4	3,866.96	3/4	3,505.13	3/4	3,140.47	3/4	2,775.81	3/4	2,411.16	3/4	2,046.50	3/4	1,681.85	3/4	1,317.19	3/4	952.53	3/4	587.88	3/4	224.66	3/4		3/4			
4		4	3,860.07	4	3,497.53	4	3,132.87	4	2,768.22	4	2,403.56	4	2,038.90	4	1,674.25	4	1,309.59	4	944.94	4	580.28	4	217.17	4		4			
1/4		1/4	3,853.18	1/4	3,489.93	1/4	3,125.28	1/4	2,760.62	1/4	2,395.96	1/4	2,031.31	1/4	1,666.65	1/4	1,302.00	1/4	937.34	1/4	572.68	1/4	209.68	1/4		1/4			
1/2		1/2	3,846.29	1/2	3,482.33	1/2	3,117.68	1/2	2,753.02	1/2	2,388.37	1/2	2,023.71	1/2	1,659.05	1/2	1,294.40	1/2	929.74	1/2	565.09	1/2	202.18	1/2		1/2			
3/4		3/4	3,839.39	3/4	3,474.74	3/4	3,110.08	3/4	2,745.43	3/4	2,380.77	3/4	2,016.11	3/4	1,651.46	3/4	1,286.80	3/4	922.15	3/4	557.49	3/4	194.69	3/4		3/4			
5		5	3,831.80	5	3,467.14	5	3,102.48	5	2,737.83	5	2,373.17	5	2,008.52	5	1,643.86	5	1,279.20	5	914.55	5	549.89	5	187.19	5		5			
1/4		1/4	3,824.20	1/4	3,459.54	1/4	3,094.89	1/4	2,730.23	1/4	2,365.58	1/4	2,000.92	1/4	1,636.26	1/4	1,271.61	1/4	906.95	1/4	542.30	1/4	179.70	1/4		1/4			
1/2		1/2	3,816.60	1/2	3,451.95	1/2	3,087.29	1/2	2,722.63	1/2	2,357.98	1/2	1,993.32	1/2	1,628.67	1/2	1,264.01	1/2	899.35	1/2	534.70	1/2	172.21	1/2		1/2			
3/4		3/4	3,809.01	3/4	3,444.35	3/4	3,079.69	3/4	2,715.04	3/4	2,350.38	3/4	1,985.73	3/4	1,621.07	3/4	1,256.41	3/4	891.76	3/4	527.10	3/4	164.71	3/4		3/4			
6		6	3,801.41	6	3,436.75	6	3,072.10	6	2,707.44	6	2,342.78	6	1,978.13	6	1,613.47	6	1,248.82	6	884.16	6	519.50	6	157.22	6		6			
1/4	3,999.34	1/4	3,793.81	1/4	3,429.16	1/4	3,064.50	1/4	2,699.84	1/4	2,335.19	1/4	1,970.53	1/4	1,605.88	1/4	1,241.22	1/4	876.56	1/4	511.91	1/4	149.72	1/4		1/4			
1/2	3,999.16	1/2	3,786.22	1/2	3,421.56	1/2	3,056.90	1/2	2,692.25	1/2	2,327.59	1/2	1,962.93	1/2	1,598.28	1/2	1,233.62	1/2	868.97	1/2	504.31	1/2	142.23	1/2		1/2			
3/4	3,998.98	3/4	3,778.62	3/4	3,413.96	3/4	3,049.31	3/4	2,684.65	3/4	2,319.99	3/4	1,955.34	3/4	1,590.68	3/4	1,226.03	3/4	861.37	3/4	496.71	3/4	134.74	3/4		3/4			
7		7	3,997.89	7	3,771.02	7	3,406.36	7	3,041.71	7	2,677.05	7	2,312.40	7	1,947.74	7	1,583.08	7	853.77	7	489.12	7	127.24	7		7			
1/4		1/4	3,996.80	1/4	3,763.42	1/4	3,398.77	1/4	3,034.11	1/4	2,669.46	1/4	2,304.80	1/4	1,940.14	1/4	1,575.49	1/4	846.18	1/4	481.52	1/4	119.75	1/4		1/4			
1/2		1/2	3,995.71	1/2	3,755.83	1/2	3,391.17	1/2	3,026.51	1/2	2,661.86	1/2	2,297.20	1/2	1,932.55	1/2	1,567.89	1/2	838.58	1/2	473.92	1/2	112.25	1/2		1/2			
3/4		3/4	3,994.63	3/4	3,748.23	3/4	3,383.57	3/4	3,018.92	3/4	2,654.26	3/4	2,289.61	3/4	1,924.95	3/4	1,560.29	3/4	830.98	3/4	466.33	3/4	104.76	3/4		3/4			
8		8	3,993.54	8	3,740.63	8	3,375.98	8	3,011.32	8	2,646.66	8	2,282.01	8	1,917.35	8	1,552.70	8	823.38	8	458.73	8	97.27	8		8			
1/4		1/4	3,992.45	1/4	3,733.04	1/4	3,368.38	1/4	3,003.72	1/4	2,639.07	1/4	2,274.41	1/4	1,909.76	1/4	1,545.10	1/4	815.79	1/4	451.13	1/4	89.77	1/4		1/4			
1/2		1/2	3,991.36	1/2	3,725.44	1/2	3,360.78	1/2	2,996.13	1/2	2,631.47	1/2	2,266.81	1/2	1,902.16	1/2	1,537.50	1/2	808.19	1/2	443.53	1/2	82.28	1/2		1/2			
3/4		3/4	3,990.27	3/4	3,717.84	3/4	3,353.19	3/4	2,988.53	3/4	2,623.87	3/4	2,259.22	3/4	1,894.56	3/4	1,529.91	3/4	800.59	3/4	435.94	3/4	74.78	3/4		3/4			
9		9	3,987.74	9	3,710.24	9	3,345.59	9	2,980.93	9	2,616.28	9	2,251.62	9	1,886.96	9	1,522.31	9	793.00	9	428.34	9	67.29	9		9			
1/4		1/4	3,985.20	1/4	3,702.65	1/4	3,337.99	1/4	2,973.34	1/4	2,608.68	1/4	2,244.02	1/4	1,879.37	1/4	1,514.71	1/4	785.40	1/4	420.74	1/4	59.80	1/4		1/4			
1/2		1/2	3,982.66	1/2	3,695.05	1/2	3,330.39	1/2	2,965.74	1/2	2,601.08	1/2	2,236.43	1/2	1,871.77	1/2	1,507.11	1/2	777.80	1/2	413.15	1/2	53.25	1/2		1/2			
3/4		3/4	3,980.12	3/4	3,687.45	3/4	3,322.80	3/4	2,958.14	3/4	2,593.49	3/4	2,228.83	3/4	1,864.17	3/4	1,499.52	3/4	770.21	3/4	405.55	3/4	46.71	3/4		3/4			
10		10	3,977.58	10	3,679.86	10	3,315.20	10	2,950.54	10	2,585.89	10	2,221.23	10	1,856.58	10	1,491.92	10	762.61	10	397.95	10	40.17	10		10			
1/4		1/4	3,975.04	1/4	3,672.26	1/4	3,307.60	1/4	2,942.95	1/4	2,578.29	1/4	2,213.64	1/4	1,848.98	1/4	1,484.32	1/4	755.01	1/4	390.36	1/4	33.63	1/4		1/4			
1/2		1/2	3,972.50	1/2	3,664.66	1/2	3,300.01	1/2	2,935.35	1/2	2,570.69	1/2	2,206.04	1/2	1,841.38	1/2	1,476.73	1/2	747.41	1/2	382.76	1/2							



BARGE "MM-30" MAGNOLIA MARINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4558

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	3,961.98	0	3,641.87	0	3,277.22	0	2,912.56	0	2,547.90	0	2,183.25	0	1,818.59	0	1,453.94	0	1,089.28	0	724.62	0	359.97	0		0			
1/4		1/4	3,957.99	1/4	3,634.27	1/4	3,269.62	1/4	2,904.96	1/4	2,540.31	1/4	2,175.65	1/4	1,810.99	1/4	1,446.34	1/4	1,081.68	1/4	717.03	1/4	352.37	1/4		1/4			
1/2		1/2	3,954.00	1/2	3,626.68	1/2	3,262.02	1/2	2,897.37	1/2	2,532.71	1/2	2,168.05	1/2	1,803.40	1/2	1,438.74	1/2	1,074.09	1/2	709.43	1/2	344.77	1/2		1/2			
3/4		3/4	3,950.01	3/4	3,619.08	3/4	3,254.42	3/4	2,889.77	3/4	2,525.11	3/4	2,160.46	3/4	1,795.80	3/4	1,431.14	3/4	1,066.49	3/4	701.83	3/4	337.18	3/4		3/4			
1		1	3,946.02	1	3,611.48	1	3,246.83	1	2,882.17	1	2,517.52	1	2,152.86	1	1,788.20	1	1,423.55	1	1,058.89	1	694.24	1	329.58	1		1			
1/4		1/4	3,942.03	1/4	3,603.89	1/4	3,239.23	1/4	2,874.57	1/4	2,509.92	1/4	2,145.26	1/4	1,780.61	1/4	1,415.95	1/4	1,051.29	1/4	686.64	1/4	322.09	1/4		1/4			
1/2		1/2	3,938.04	1/2	3,596.29	1/2	3,231.63	1/2	2,866.98	1/2	2,502.32	1/2	2,137.67	1/2	1,773.01	1/2	1,408.35	1/2	1,043.70	1/2	679.04	1/2	314.59	1/2		1/2			
3/4		3/4	3,932.60	3/4	3,588.69	3/4	3,224.04	3/4	2,859.38	3/4	2,494.72	3/4	2,130.07	3/4	1,765.41	3/4	1,400.76	3/4	1,036.10	3/4	671.44	3/4	307.10	3/4		3/4			
2		2	3,927.16	2	3,581.10	2	3,216.44	2	2,851.78	2	2,487.13	2	2,122.47	2	1,757.82	2	1,393.16	2	1,028.50	2	663.85	2	299.60	2		2			
1/4		1/4	3,921.72	1/4	3,573.50	1/4	3,208.84	1/4	2,844.19	1/4	2,479.53	1/4	2,114.87	1/4	1,750.22	1/4	1,385.56	1/4	1,020.91	1/4	656.25	1/4	292.11	1/4		1/4			
1/2		1/2	3,916.28	1/2	3,565.90	1/2	3,201.25	1/2	2,836.59	1/2	2,471.93	1/2	2,107.28	1/2	1,742.62	1/2	1,377.97	1/2	1,013.31	1/2	648.65	1/2	284.62	1/2		1/2			
3/4		3/4	3,910.84	3/4	3,558.30	3/4	3,193.65	3/4	2,828.99	3/4	2,464.34	3/4	2,099.68	3/4	1,735.02	3/4	1,370.37	3/4	1,005.71	3/4	641.06	3/4	277.12	3/4		3/4			
3		3	3,905.40	3	3,550.71	3	3,186.05	3	2,821.40	3	2,456.74	3	2,092.08	3	1,727.43	3	1,362.77	3	998.12	3	633.46	3	269.63	3		3			
1/4		1/4	3,899.96	1/4	3,543.11	1/4	3,178.45	1/4	2,813.80	1/4	2,449.14	1/4	2,084.49	1/4	1,719.83	1/4	1,355.17	1/4	990.52	1/4	625.86	1/4	262.13	1/4		1/4			
1/2		1/2	3,894.52	1/2	3,535.51	1/2	3,170.86	1/2	2,806.20	1/2	2,441.55	1/2	2,076.89	1/2	1,712.23	1/2	1,347.58	1/2	982.92	1/2	618.27	1/2	254.64	1/2		1/2			
3/4		3/4	3,887.63	3/4	3,527.92	3/4	3,163.26	3/4	2,798.60	3/4	2,433.95	3/4	2,069.29	3/4	1,704.64	3/4	1,339.98	3/4	975.32	3/4	610.67	3/4	247.15	3/4		3/4			
4		4	3,880.74	4	3,520.32	4	3,155.66	4	2,791.01	4	2,426.35	4	2,061.70	4	1,697.04	4	1,332.38	4	967.73	4	603.07	4	239.65	4		4			
1/4		1/4	3,873.85	1/4	3,512.72	1/4	3,148.07	1/4	2,783.41	1/4	2,418.75	1/4	2,054.10	1/4	1,689.44	1/4	1,324.79	1/4	960.13	1/4	595.47	1/4	232.16	1/4		1/4			
1/2		1/2	3,866.96	1/2	3,505.13	1/2	3,140.47	1/2	2,775.81	1/2	2,411.16	1/2	2,046.50	1/2	1,681.85	1/2	1,317.19	1/2	952.53	1/2	587.88	1/2	224.66	1/2		1/2			
3/4		3/4	3,860.07	3/4	3,497.53	3/4	3,132.87	3/4	2,768.22	3/4	2,403.56	3/4	2,038.90	3/4	1,674.25	3/4	1,309.59	3/4	944.94	3/4	580.28	3/4	217.17	3/4		3/4			
5		5	3,853.18	5	3,489.93	5	3,125.28	5	2,760.62	5	2,395.96	5	2,031.31	5	1,666.65	5	1,302.00	5	937.34	5	572.68	5	209.68	5		5			
1/4		1/4	3,846.29	1/4	3,482.33	1/4	3,117.68	1/4	2,753.02	1/4	2,388.37	1/4	2,023.71	1/4	1,659.05	1/4	1,294.40	1/4	929.74	1/4	565.09	1/4	202.18	1/4		1/4			
1/2		1/2	3,839.39	1/2	3,474.74	1/2	3,110.08	1/2	2,745.43	1/2	2,380.77	1/2	2,016.11	1/2	1,651.46	1/2	1,286.80	1/2	922.15	1/2	557.49	1/2	194.69	1/2		1/2			
3/4		3/4	3,831.80	3/4	3,467.14	3/4	3,102.48	3/4	2,737.83	3/4	2,373.17	3/4	2,008.52	3/4	1,643.86	3/4	1,279.20	3/4	914.55	3/4	549.89	3/4	187.19	3/4		3/4			
6		6	3,824.20	6	3,459.54	6	3,094.89	6	2,730.23	6	2,365.58	6	2,000.92	6	1,636.26	6	1,271.61	6	906.95	6	542.30	6	179.70	6		6			
1/4		1/4	3,816.60	1/4	3,451.95	1/4	3,087.29	1/4	2,722.63	1/4	2,357.98	1/4	1,993.32	1/4	1,628.67	1/4	1,264.01	1/4	899.35	1/4	534.70	1/4	172.21	1/4		1/4			
1/2		1/2	3,809.01	1/2	3,444.35	1/2	3,079.69	1/2	2,715.04	1/2	2,350.38	1/2	1,985.73	1/2	1,621.07	1/2	1,256.41	1/2	891.76	1/2	527.10	1/2	164.71	1/2		1/2			
3/4		3/4	3,801.41	3/4	3,436.75	3/4	3,072.10	3/4	2,707.44	3/4	2,342.78	3/4	1,978.13	3/4	1,613.47	3/4	1,248.82	3/4	884.16	3/4	519.50	3/4	157.22	3/4		3/4			
7	3,999.34	7	3,793.81	7	3,429.16	7	3,064.50	7	2,699.84	7	2,335.19	7	1,970.53	7	1,605.88	7	1,241.22	7	876.56	7	511.91	7	149.72	7		7			
1/4	3,999.16	1/4	3,786.22	1/4	3,421.56	1/4	3,056.90	1/4	2,692.25	1/4	2,327.59	1/4	1,962.93	1/4	1,598.28	1/4	1,233.62	1/4	868.97	1/4	504.31	1/4	142.23	1/4		1/4			
1/2	3,998.98	1/2	3,778.62	1/2	3,413.96	1/2	3,049.31	1/2	2,684.65	1/2	2,319.99	1/2	1,955.34	1/2	1,590.68	1/2	1,226.03	1/2	861.37	1/2	496.71	1/2	134.74	1/2		1/2			
3/4	3,997.89	3/4	3,771.02	3/4	3,406.36	3/4	3,041.71	3/4	2,677.05	3/4	2,312.40	3/4	1,947.74	3/4	1,583.08	3/4	1,218.43	3/4	853.77	3/4	489.12	3/4	127.24	3/4		3/4			
8	3,996.80	8	3,763.42	8	3,398.77	8	3,034.11	8	2,669.46	8	2,304.80	8	1,940.14	8	1,575.49	8	1,210.83	8	846.18	8	481.52	8	119.75	8		8			
1/4	3,995.71	1/4	3,755.83	1/4	3,391.17	1/4	3,026.51	1/4	2,661.86	1/4	2,297.20	1/4	1,932.55	1/4	1,567.89	1/4	1,203.23	1/4	838.58	1/4	473.92	1/4	112.25	1/4		1/4			
1/2	3,994.63	1/2	3,748.23	1/2	3,383.57	1/2	3,018.92	1/2	2,654.26	1/2	2,289.61	1/2	1,924.95	1/2	1,560.29	1/2	1,195.64	1/2	830.98	1/2	466.33	1/2	104.76	1/2		1/2			
3/4	3,993.54	3/4	3,740.63	3/4	3,375.98	3/4	3,011.32	3/4	2,646.66	3/4	2,282.01	3/4	1,917.35	3/4	1,552.70	3/4	1,188.04	3/4	823.38	3/4	458.73	3/4	97.27	3/4		3/4			
9	3,992.45	9	3,733.04	9	3,368.38	9	3,003.72	9	2,639.07	9	2,274.41	9	1,909.76	9	1,545.10	9	1,180.44	9	815.79	9	451.13	9	89.77	9		9			
1/4	3,991.36	1/4	3,725.44	1/4	3,360.78	1/4	2,996.13	1/4	2,631.47	1/4	2,266.81	1/4	1,902.16	1/4	1,537.50	1/4	1,172.85	1/4	808.19	1/4	443.53	1/4	82.28	1/4		1/4			
1/2	3,990.27	1/2	3,717.84	1/2	3,353.19	1/2	2,988.53	1/2	2,623.87	1/2	2,259.22	1/2	1,894.56	1/2	1,529.91	1/2	1,165.25	1/2	800.59	1/2	435.94	1/2	74.78	1/2		1/2			
3/4	3,987.74	3/4	3,710.24	3/4	3,345.59	3/4	2,980.93	3/4	2,616.28	3/4	2,251.62	3/4	1,886.96	3/4	1,522.31	3/4	1,157.65	3/4	793.00	3/4	428.34	3/4	67.29	3/4		3/4			
10	3,985.20	10	3,702.65	10	3,337.99	10	2,973.34	10	2,608.68	10	2,244.02	10	1,879.37	10	1,514.71	10	1,150.06	10	785.40	10	420.74	10	59.80	10		10			
1/4	3,982.66	1/4	3,695.05	1/4	3,330.39	1/4	2,965.74	1/4	2,601.08	1/4	2,236.43	1/4	1,871.77	1/4	1,507.11	1/4	1,142.46	1/4	777.80	1/4	413.15	1/4	53.25	1/4		1/4			
1/2	3,980.12	1/2	3,687.45	1/2	3,322.80	1/2	2,958.14	1/2	2,593.49	1/2	2,228.83	1/2	1,864.																