



BARGE "MM 64 B"
MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4559

Table with columns for height (0 FT. to 14 FT.) and capacity (IN). Rows represent different measurement points (0 to 11) and gauge heights (0, 1/4, 1/2, 3/4). Values represent capacity in barrels of 42 U.S. gallons.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 6/19/07

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT : 12'-0" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT : 11'-11 3/4" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.



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MAGNOLIA MARINE**

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4559

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	* 18.16	0	409.17	0	817.45	0	1,232.61	0	1,647.76	0	2,062.91	0	2,478.06	0	2,893.21	0	3,308.36	0	3,722.24	0	4,136.00	0	4,506.52	0		0		0	
1/4	23.56	1/4	417.82	1/4	826.10	1/4	1,241.25	1/4	1,656.41	1/4	2,071.56	1/4	2,486.71	1/4	2,901.86	1/4	3,317.01	1/4	3,730.86	1/4	4,144.62	1/4	4,510.39	1/4		1/4		1/4	
1/2	28.97	1/2	426.47	1/2	834.75	1/2	1,249.90	1/2	1,665.05	1/2	2,080.21	1/2	2,495.36	1/2	2,910.51	1/2	3,325.66	1/2	3,739.48	1/2	4,153.24	1/2	4,514.25	1/2		1/2		1/2	
3/4	34.38	3/4	435.12	3/4	843.40	3/4	1,258.55	3/4	1,673.70	3/4	2,088.86	3/4	2,504.01	3/4	2,919.16	3/4	3,334.31	3/4	3,748.10	3/4	4,161.86	3/4	4,518.12	3/4		3/4		3/4	
1	39.78	1	443.77	1	852.05	1	1,267.20	1	1,682.35	1	2,097.50	1	2,512.66	1	2,927.81	1	3,342.96	1	3,756.72	1	4,170.48	1	4,521.98	1		1		1	
1/4	47.35	1/4	452.42	1/4	860.70	1/4	1,275.85	1/4	1,691.00	1/4	2,106.15	1/4	2,521.31	1/4	2,936.46	1/4	3,351.58	1/4	3,765.34	1/4	4,179.10	1/4	4,524.98	1/4		1/4		1/4	
1/2	54.92	1/2	461.07	1/2	869.35	1/2	1,284.50	1/2	1,699.65	1/2	2,114.80	1/2	2,529.95	1/2	2,945.11	1/2	3,360.20	1/2	3,773.96	1/2	4,187.72	1/2	4,527.97	1/2		1/2		1/2	
3/4	62.49	3/4	469.72	3/4	878.00	3/4	1,293.15	3/4	1,708.30	3/4	2,123.45	3/4	2,538.60	3/4	2,953.76	3/4	3,368.82	3/4	3,782.58	3/4	4,196.34	3/4	4,530.97	3/4		3/4		3/4	
2	70.05	2	478.36	2	886.64	2	1,301.80	2	1,716.95	2	2,132.10	2	2,547.25	2	2,962.40	2	3,377.44	2	3,791.20	2	4,204.96	2	4,533.97	2		2		2	
1/4	77.84	1/4	487.01	1/4	895.29	1/4	1,310.45	1/4	1,725.60	1/4	2,140.75	1/4	2,555.90	1/4	2,971.05	1/4	3,386.06	1/4	3,799.82	1/4	4,213.58	1/4	4,536.10	1/4		1/4		1/4	
1/2	85.63	1/2	495.66	1/2	903.94	1/2	1,319.10	1/2	1,734.25	1/2	2,149.40	1/2	2,564.55	1/2	2,979.70	1/2	3,394.68	1/2	3,808.44	1/2	4,222.20	1/2	4,538.23	1/2		1/2		1/2	
3/4	93.42	3/4	504.31	3/4	912.59	3/4	1,327.74	3/4	1,742.90	3/4	2,158.05	3/4	2,573.20	3/4	2,988.35	3/4	3,403.30	3/4	3,817.06	3/4	4,230.82	3/4	4,540.37	3/4		3/4		3/4	
3	101.21	3	512.96	3	921.24	3	1,336.39	3	1,751.54	3	2,166.70	3	2,581.85	3	2,997.00	3	3,411.92	3	3,825.68	3	4,239.44	3	4,542.50	3		3		3	
1/4	109.00	1/4	521.61	1/4	929.89	1/4	1,345.04	1/4	1,760.19	1/4	2,175.35	1/4	2,590.50	1/4	3,005.65	1/4	3,420.54	1/4	3,834.30	1/4	4,248.06	1/4	4,543.77	1/4		1/4		1/4	
1/2	116.79	1/2	530.26	1/2	938.54	1/2	1,353.69	1/2	1,768.84	1/2	2,183.99	1/2	2,599.15	1/2	3,014.30	1/2	3,429.16	1/2	3,842.92	1/2	4,256.68	1/2	4,545.04	1/2		1/2		1/2	
3/4	124.58	3/4	538.91	3/4	947.19	3/4	1,362.34	3/4	1,777.49	3/4	2,192.64	3/4	2,607.80	3/4	3,022.95	3/4	3,437.78	3/4	3,851.54	3/4	4,265.30	3/4	4,546.30	3/4		3/4		3/4	
4	132.37	4	547.56	4	955.84	4	1,370.99	4	1,786.14	4	2,201.29	4	2,616.44	4	3,031.60	4	3,446.40	4	3,860.16	4	4,273.92	4	4,547.57	4		4		4	
1/4	141.02	1/4	555.35	1/4	964.49	1/4	1,379.64	1/4	1,794.79	1/4	2,209.94	1/4	2,625.09	1/4	3,040.25	1/4	3,455.02	1/4	3,868.78	1/4	4,282.54	1/4	4,547.98	1/4		1/4		1/4	
1/2	149.67	1/2	563.14	1/2	973.13	1/2	1,388.29	1/2	1,803.44	1/2	2,218.59	1/2	2,633.74	1/2	3,048.89	1/2	3,463.64	1/2	3,877.40	1/2	4,291.16	1/2	4,548.38	1/2		1/2		1/2	
3/4	158.32	3/4	570.93	3/4	981.78	3/4	1,396.94	3/4	1,812.09	3/4	2,227.24	3/4	2,642.39	3/4	3,057.54	3/4	3,472.26	3/4	3,886.02	3/4	4,299.78	3/4	4,548.78	3/4		3/4		3/4	
5	166.97	5	578.72	5	990.43	5	1,405.58	5	1,820.74	5	2,235.89	5	2,651.04	5	3,066.19	5	3,480.88	5	3,894.64	5	4,308.40	5	4,549.19	5		5		5	
1/4	175.62	1/4	586.51	1/4	999.08	1/4	1,414.23	1/4	1,829.39	1/4	2,244.54	1/4	2,659.69	1/4	3,074.84	1/4	3,489.50	1/4	3,903.26	1/4	4,317.02	1/4	4,549.19	1/4		1/4		1/4	
1/2	184.27	1/2	594.30	1/2	1,007.73	1/2	1,422.88	1/2	1,838.03	1/2	2,253.19	1/2	2,668.34	1/2	3,083.49	1/2	3,498.12	1/2	3,911.88	1/2	4,325.64	1/2	4,549.19	1/2		1/2		1/2	
3/4	192.92	3/4	602.09	3/4	1,016.38	3/4	1,431.53	3/4	1,846.68	3/4	2,261.84	3/4	2,676.99	3/4	3,092.14	3/4	3,506.74	3/4	3,920.50	3/4	4,334.26	3/4	4,549.19	3/4		3/4		3/4	
6	201.57	6	609.88	6	1,025.03	6	1,440.18	6	1,855.33	6	2,270.48	6	2,685.64	6	3,100.79	6	3,515.36	6	3,929.12	6	4,342.88	6	4,549.19	6		6		6	
1/4	210.22	1/4	618.53	1/4	1,033.68	1/4	1,448.83	1/4	1,863.98	1/4	2,279.13	1/4	2,694.29	1/4	3,109.44	1/4	3,523.98	1/4	3,937.74	1/4	4,351.50	1/4	4,549.19	1/4		1/4		1/4	
1/2	218.87	1/2	627.17	1/2	1,042.33	1/2	1,457.48	1/2	1,872.63	1/2	2,287.78	1/2	2,702.93	1/2	3,118.09	1/2	3,532.60	1/2	3,946.36	1/2	4,360.12	1/2	4,549.19	1/2		1/2		1/2	
3/4	227.52	3/4	635.82	3/4	1,050.98	3/4	1,466.13	3/4	1,881.28	3/4	2,296.43	3/4	2,711.58	3/4	3,126.74	3/4	3,541.22	3/4	3,954.98	3/4	4,368.74	3/4	4,549.19	3/4		3/4		3/4	
7	236.17	7	644.47	7	1,059.63	7	1,474.78	7	1,889.93	7	2,305.08	7	2,720.23	7	3,135.38	7	3,549.84	7	3,963.60	7	4,377.36	7	4,549.19	7		7		7	
1/4	244.82	1/4	653.12	1/4	1,068.27	1/4	1,483.43	1/4	1,898.58	1/4	2,313.73	1/4	2,728.88	1/4	3,144.03	1/4	3,558.46	1/4	3,972.22	1/4	4,385.55	1/4	4,549.19	1/4		1/4		1/4	
1/2	253.47	1/2	661.77	1/2	1,076.92	1/2	1,492.07	1/2	1,907.23	1/2	2,322.38	1/2	2,737.53	1/2	3,152.68	1/2	3,567.08	1/2	3,980.84	1/2	4,393.74	1/2	4,549.19	1/2		1/2		1/2	
3/4	262.12	3/4	670.42	3/4	1,085.57	3/4	1,500.72	3/4	1,915.88	3/4	2,331.03	3/4	2,746.18	3/4	3,161.33	3/4	3,575.70	3/4	3,989.46	3/4	4,401.92	3/4	4,549.19	3/4		3/4		3/4	
8	270.77	8	679.07	8	1,094.22	8	1,509.37	8	1,924.52	8	2,339.68	8	2,754.83	8	3,169.98	8	3,584.32	8	3,998.08	8	4,410.11	8	4,549.19	8		8		8	
1/4	279.42	1/4	687.72	1/4	1,102.87	1/4	1,518.02	1/4	1,933.17	1/4	2,348.33	1/4	2,763.48	1/4	3,178.63	1/4	3,592.94	1/4	4,006.70	1/4	4,417.44	1/4	4,549.19	1/4		1/4		1/4	
1/2	288.07	1/2	696.37	1/2	1,111.52	1/2	1,526.67	1/2	1,941.82	1/2	2,356.97	1/2	2,772.13	1/2	3,187.28	1/2	3,601.56	1/2	4,015.32	1/2	4,424.76	1/2	4,549.19	1/2		1/2		1/2	
3/4	296.72	3/4	705.02	3/4	1,120.17	3/4	1,535.32	3/4	1,950.47	3/4	2,365.62	3/4	2,780.78	3/4	3,195.93	3/4	3,610.18	3/4	4,023.94	3/4	4,432.08	3/4	4,549.19	3/4		3/4		3/4	
9	305.37	9	713.66	9	1,128.82	9	1,543.97	9	1,959.12	9	2,374.27	9	2,789.42	9	3,204.58	9	3,618.80	9	4,032.56	9	4,439.40	9	4,549.19	9		9		9	
1/4	314.02	1/4	722.31	1/4	1,137.47	1/4	1,552.62	1/4	1,967.77	1/4	2,382.92	1/4	2,798.07	1/4	3,213.23	1/4	3,627.42	1/4	4,041.18	1/4	4,445.86	1/4	4,549.19	1/4		1/4		1/4	
1/2	322.67	1/2	730.96	1/2	1,146.12	1/2	1,561.27	1/2	1,976.42	1/2	2,391.57	1/2	2,806.72	1/2	3,221.87	1/2	3,636.04	1/2	4,049.80	1/2	4,452.32	1/2	4,549.19	1/2		1/2		1/2	
3/4	331.32	3/4	739.61	3/4	1,154.76	3/4	1,569.92	3/4	1,985.07	3/4	2,400.22	3/4	2,815.37	3/4	3,230.52	3/4	3,644.66	3/4	4,058.42	3/4	4,								



BARGE "MM 64 B" MAGNOLIA MARINE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4559

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	* 16.93	0	380.15	0	759.61	0	1,145.63	0	1,531.65	0	1,917.66	0	2,303.68	0	2,689.69	0	3,075.71	0	3,460.23	0	3,844.61	0	4,188.82	0		0		0	
1/4	21.95	1/4	388.18	1/4	767.66	1/4	1,153.67	1/4	1,539.69	1/4	1,925.70	1/4	2,311.72	1/4	2,697.73	1/4	3,083.75	1/4	3,468.24	1/4	3,852.62	1/4	4,192.41	1/4		1/4		1/4	
1/2	26.97	1/2	396.22	1/2	775.70	1/2	1,161.71	1/2	1,547.73	1/2	1,933.74	1/2	2,319.76	1/2	2,705.78	1/2	3,091.79	1/2	3,476.24	1/2	3,860.63	1/2	4,196.00	1/2		1/2		1/2	
3/4	31.99	3/4	404.25	3/4	783.74	3/4	1,169.76	3/4	1,555.77	3/4	1,941.79	3/4	2,327.80	3/4	2,713.82	3/4	3,099.83	3/4	3,484.25	3/4	3,868.64	3/4	4,199.59	3/4		3/4		3/4	
1	37.01	1	412.29	1	791.78	1	1,177.80	1	1,563.81	1	1,949.83	1	2,335.84	1	2,721.86	1	3,107.88	1	3,492.26	1	3,876.64	1	4,203.18	1		1		1	
1/4	44.04	1/4	420.32	1/4	799.82	1/4	1,185.84	1/4	1,571.86	1/4	1,957.87	1/4	2,343.89	1/4	2,729.90	1/4	3,115.88	1/4	3,500.27	1/4	3,884.65	1/4	4,205.97	1/4		1/4		1/4	
1/2	51.07	1/2	428.36	1/2	807.87	1/2	1,193.88	1/2	1,579.90	1/2	1,965.91	1/2	2,351.93	1/2	2,737.94	1/2	3,123.89	1/2	3,508.28	1/2	3,892.66	1/2	4,208.75	1/2		1/2		1/2	
3/4	58.10	3/4	436.39	3/4	815.91	3/4	1,201.92	3/4	1,587.94	3/4	1,973.95	3/4	2,359.97	3/4	2,745.99	3/4	3,131.90	3/4	3,516.28	3/4	3,900.67	3/4	4,211.54	3/4		3/4		3/4	
2	65.13	2	444.43	2	823.95	2	1,209.97	2	1,595.98	2	1,982.00	2	2,368.01	2	2,754.03	2	3,139.91	2	3,524.29	2	3,908.68	2	4,214.32	2		2		2	
1/4	72.37	1/4	452.46	1/4	831.99	1/4	1,218.01	1/4	1,604.02	1/4	1,990.04	1/4	2,376.05	1/4	2,762.07	1/4	3,147.92	1/4	3,532.30	1/4	3,916.68	1/4	4,216.31	1/4		1/4		1/4	
1/2	79.61	1/2	460.50	1/2	840.03	1/2	1,226.05	1/2	1,612.07	1/2	1,998.08	1/2	2,384.10	1/2	2,770.11	1/2	3,155.92	1/2	3,540.31	1/2	3,924.69	1/2	4,218.29	1/2		1/2		1/2	
3/4	86.84	3/4	468.53	3/4	848.08	3/4	1,234.09	3/4	1,620.11	3/4	2,006.12	3/4	2,392.14	3/4	2,778.15	3/4	3,163.93	3/4	3,548.32	3/4	3,932.70	3/4	4,220.27	3/4		3/4		3/4	
3	94.08	3	476.57	3	856.12	3	1,242.13	3	1,628.15	3	2,014.16	3	2,400.18	3	2,786.20	3	3,171.94	3	3,556.32	3	3,940.71	3	4,222.25	3		3		3	
1/4	101.32	1/4	484.60	1/4	864.16	1/4	1,250.18	1/4	1,636.19	1/4	2,022.21	1/4	2,408.22	1/4	2,794.24	1/4	3,179.95	1/4	3,564.33	1/4	3,948.72	1/4	4,223.43	1/4		1/4		1/4	
1/2	108.56	1/2	492.64	1/2	872.20	1/2	1,258.22	1/2	1,644.23	1/2	2,030.25	1/2	2,416.26	1/2	2,802.28	1/2	3,187.96	1/2	3,572.34	1/2	3,956.72	1/2	4,224.60	1/2		1/2		1/2	
3/4	115.79	3/4	500.67	3/4	880.24	3/4	1,266.26	3/4	1,652.28	3/4	2,038.29	3/4	2,424.31	3/4	2,810.32	3/4	3,195.96	3/4	3,580.35	3/4	3,964.73	3/4	4,225.78	3/4		3/4		3/4	
4	123.03	4	508.71	4	888.29	4	1,274.30	4	1,660.32	4	2,046.33	4	2,432.35	4	2,818.36	4	3,203.97	4	3,588.36	4	3,972.74	4	4,226.96	4		4		4	
1/4	131.06	1/4	515.95	1/4	896.33	1/4	1,282.34	1/4	1,668.36	1/4	2,054.37	1/4	2,440.39	1/4	2,826.41	1/4	3,211.98	1/4	3,596.36	1/4	3,980.75	1/4	4,227.34	1/4		1/4		1/4	
1/2	139.10	1/2	523.18	1/2	904.37	1/2	1,290.39	1/2	1,676.40	1/2	2,062.42	1/2	2,448.43	1/2	2,834.45	1/2	3,219.99	1/2	3,604.37	1/2	3,988.76	1/2	4,227.71	1/2		1/2		1/2	
3/4	147.13	3/4	530.42	3/4	912.41	3/4	1,298.43	3/4	1,684.44	3/4	2,070.46	3/4	2,456.47	3/4	2,842.49	3/4	3,228.00	3/4	3,612.38	3/4	3,996.76	3/4	4,228.09	3/4		3/4		3/4	
5	155.17	5	537.66	5	920.45	5	1,306.47	5	1,692.49	5	2,078.50	5	2,464.52	5	2,850.53	5	3,236.00	5	3,620.39	5	4,004.77	5	4,228.46	5		5		5	
1/4	163.20	1/4	544.89	1/4	928.50	1/4	1,314.51	1/4	1,700.53	1/4	2,086.54	1/4	2,472.56	1/4	2,858.57	1/4	3,244.01	1/4	3,628.40	1/4	4,012.78	1/4		1/4		1/4		1/4	
1/2	171.24	1/2	552.13	1/2	936.54	1/2	1,322.55	1/2	1,708.57	1/2	2,094.58	1/2	2,480.60	1/2	2,866.62	1/2	3,252.02	1/2	3,636.40	1/2	4,020.79	1/2		1/2		1/2		1/2	
3/4	179.27	3/4	559.37	3/4	944.58	3/4	1,330.60	3/4	1,716.61	3/4	2,102.63	3/4	2,488.64	3/4	2,874.66	3/4	3,260.03	3/4	3,644.41	3/4	4,028.80	3/4		3/4		3/4		3/4	
6	187.31	6	566.61	6	952.62	6	1,338.64	6	1,724.65	6	2,110.67	6	2,496.68	6	2,882.70	6	3,268.04	6	3,652.42	6	4,036.80	6		6		6		6	
1/4	195.34	1/4	574.65	1/4	960.66	1/4	1,346.68	1/4	1,732.69	1/4	2,118.71	1/4	2,504.73	1/4	2,890.74	1/4	3,276.04	1/4	3,660.43	1/4	4,044.81	1/4		1/4		1/4		1/4	
1/2	203.38	1/2	582.69	1/2	968.71	1/2	1,354.72	1/2	1,740.74	1/2	2,126.75	1/2	2,512.77	1/2	2,898.78	1/2	3,284.05	1/2	3,668.44	1/2	4,052.82	1/2		1/2		1/2		1/2	
3/4	211.41	3/4	590.73	3/4	976.75	3/4	1,362.76	3/4	1,748.78	3/4	2,134.79	3/4	2,520.81	3/4	2,906.83	3/4	3,292.06	3/4	3,676.44	3/4	4,060.83	3/4		3/4		3/4		3/4	
7	219.45	7	598.77	7	984.79	7	1,370.81	7	1,756.82	7	2,142.84	7	2,528.85	7	2,914.87	7	3,300.07	7	3,684.45	7	4,068.84	7		7		7		7	
1/4	227.48	1/4	606.82	1/4	992.83	1/4	1,378.85	1/4	1,764.86	1/4	2,150.88	1/4	2,536.89	1/4	2,922.91	1/4	3,308.08	1/4	3,692.46	1/4	4,076.44	1/4		1/4		1/4		1/4	
1/2	235.52	1/2	614.86	1/2	1,000.87	1/2	1,386.89	1/2	1,772.90	1/2	2,158.92	1/2	2,544.94	1/2	2,930.95	1/2	3,316.08	1/2	3,700.47	1/2	4,084.05	1/2		1/2		1/2		1/2	
3/4	243.55	3/4	622.90	3/4	1,008.92	3/4	1,394.93	3/4	1,780.95	3/4	2,166.96	3/4	2,552.98	3/4	2,938.99	3/4	3,324.09	3/4	3,708.48	3/4	4,091.65	3/4		3/4		3/4		3/4	
8	251.59	8	630.94	8	1,016.96	8	1,402.97	8	1,788.99	8	2,175.00	8	2,561.02	8	2,947.04	8	3,332.10	8	3,716.48	8	4,099.26	8		8		8		8	
1/4	259.62	1/4	638.98	1/4	1,025.00	1/4	1,411.02	1/4	1,797.03	1/4	2,183.05	1/4	2,569.06	1/4	2,955.08	1/4	3,340.11	1/4	3,724.49	1/4	4,106.06	1/4		1/4		1/4		1/4	
1/2	267.66	1/2	647.03	1/2	1,033.04	1/2	1,419.06	1/2	1,805.07	1/2	2,191.09	1/2	2,577.10	1/2	2,963.12	1/2	3,348.12	1/2	3,732.50	1/2	4,112.87	1/2		1/2		1/2		1/2	
3/4	275.69	3/4	655.07	3/4	1,041.08	3/4	1,427.10	3/4	1,813.11	3/4	2,199.13	3/4	2,585.15	3/4	2,971.16	3/4	3,356.12	3/4	3,740.51	3/4	4,119.67	3/4		3/4		3/4		3/4	
9	283.73	9	663.11	9	1,049.13	9	1,435.14	9	1,821.16	9	2,207.17	9	2,593.19	9	2,979.20	9	3,364.13	9	3,748.52	9	4,126.47	9		9		9		9	
1/4	291.76	1/4	671.15	1/4	1,057.17	1/4	1,443.18	1/4	1,829.20	1/4	2,215.21	1/4	2,601.23	1/4	2,987.25	1/4	3,372.14	1/4	3,756.52	1/4	4,132.47	1/4		1/4		1/4		1/4	
1/2	299.80	1/2	679.19	1/2	1,065.21	1/2	1,451.23	1/2	1,837.24	1/2	2,223.26	1/2	2,609.27	1/2	2,995.29	1/2	3,380.15	1/2	3,764.53	1/2	4,138.47	1/2		1/2		1/2		1/2	
3/4	307.83	3/4	687.24	3/4	1,073.25	3/4	1,459.27	3/4	1,845.28	3/4	2,231.30	3/4	2,617.31	3/4	3,003.33	3/4	3,388.16	3/4	3,772.54	3/4	4,144.47	3/4		3/4		3/4		3/4	
10	315.87	10	695.28	10	1,081.29	10	1,467.31	10	1,853.32	10	2,239.34	10	2,625.36	10	3,011.37	10	3,396.16	10	3,780.55	10	4,150.47	10		10		10		10	
1/4	323.90	1/4	703.32	1/4	1,089.34	1/4	1,475.35	1/4	1,861.37	1/4	2,247.38	1/4	2,633.40	1/4	3,019.41	1/4	3,404.17	1/4	3,788.56	1/4	4,155.66	1/4		1/4		1/4		1/4	
1/2	331.94	1/2	711.36	1/2	1,097.38	1/2	1,483.39	1/2	1,869.41	1/2	2,255.42	1/2	2,641.44	1/2	3,027.46	1/2	3,412.18	1/2	3,796.56	1/2	4,160.86	1/2		1/2		1/2		1/2	
3/4	339.97	3/4	719.40	3/4	1,105.42	3/4	1,491.44	3/4	1,877.45	3/4	2,263.47	3/4	2,649.48	3/4	3,035.50	3/4	3,420.19	3/4	3,804.57	3/4	4,166.05	3/4							



BARGE "MM 64 B" MAGNOLIA MARINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4559

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	4,255.10	0	3,905.22	0	3,514.50	0	3,123.68	0	2,731.71	0	2,339.74	0	1,947.77	0	1,555.80	0	1,163.84	0	771.87	0	386.37	0	* 17.19	0		0	
1/4		1/4	4,250.63	1/4	3,897.08	1/4	3,506.36	1/4	3,115.51	1/4	2,723.54	1/4	2,331.58	1/4	1,939.61	1/4	1,547.64	1/4	1,155.67	1/4	763.70	1/4	378.21	1/4		1/4		1/4	
1/2		1/2	4,246.17	1/2	3,888.94	1/2	3,498.22	1/2	3,107.35	1/2	2,715.38	1/2	2,323.41	1/2	1,931.44	1/2	1,539.47	1/2	1,147.51	1/2	755.54	1/2	370.04	1/2		1/2		1/2	
3/4		3/4	4,241.70	3/4	3,880.80	3/4	3,490.08	3/4	3,099.18	3/4	2,707.21	3/4	2,315.24	3/4	1,923.27	3/4	1,531.31	3/4	1,139.34	3/4	747.37	3/4	361.87	3/4		3/4		3/4	
1		1	4,237.24	1	3,872.66	1	3,481.94	1	3,091.01	1	2,699.05	1	2,307.08	1	1,915.11	1	1,523.14	1	1,131.17	1	739.20	1	353.70	1		1		1	
1/4		1/4	4,231.96	1/4	3,864.52	1/4	3,473.80	1/4	3,082.85	1/4	2,690.88	1/4	2,298.91	1/4	1,906.94	1/4	1,514.97	1/4	1,123.01	1/4	731.04	1/4	345.54	1/4		1/4		1/4	
1/2		1/2	4,226.68	1/2	3,856.38	1/2	3,465.66	1/2	3,074.68	1/2	2,682.71	1/2	2,290.74	1/2	1,898.78	1/2	1,506.81	1/2	1,114.84	1/2	722.87	1/2	337.37	1/2		1/2		1/2	
3/4		3/4	4,221.39	3/4	3,848.24	3/4	3,457.52	3/4	3,066.52	3/4	2,674.55	3/4	2,282.58	3/4	1,890.61	3/4	1,498.64	3/4	1,106.68	3/4	714.71	3/4	329.20	3/4		3/4		3/4	
2		2	4,216.11	2	3,840.10	2	3,449.38	2	3,058.35	2	2,666.38	2	2,274.41	2	1,882.44	2	1,490.48	2	1,098.51	2	706.54	2	321.04	2		2		2	
1/4		1/4	4,210.02	1/4	3,831.96	1/4	3,441.24	1/4	3,050.18	1/4	2,658.22	1/4	2,266.25	1/4	1,874.28	1/4	1,482.31	1/4	1,090.34	1/4	698.37	1/4	312.87	1/4		1/4		1/4	
1/2		1/2	4,203.92	1/2	3,823.82	1/2	3,433.10	1/2	3,042.02	1/2	2,650.05	1/2	2,258.08	1/2	1,866.11	1/2	1,474.14	1/2	1,082.18	1/2	690.21	1/2	304.70	1/2		1/2		1/2	
3/4		3/4	4,197.82	3/4	3,815.68	3/4	3,424.96	3/4	3,033.85	3/4	2,641.88	3/4	2,249.91	3/4	1,857.95	3/4	1,465.98	3/4	1,074.01	3/4	682.04	3/4	296.54	3/4		3/4		3/4	
3		3	4,191.72	3	3,807.54	3	3,416.82	3	3,025.69	3	2,633.72	3	2,241.75	3	1,849.78	3	1,457.81	3	1,065.85	3	673.88	3	288.37	3		3		3	
1/4		1/4	4,184.81	1/4	3,799.40	1/4	3,408.68	1/4	3,017.52	1/4	2,625.55	1/4	2,233.58	1/4	1,841.61	1/4	1,449.65	1/4	1,057.68	1/4	665.71	1/4	280.20	1/4		1/4		1/4	
1/2		1/2	4,177.89	1/2	3,791.26	1/2	3,400.54	1/2	3,009.35	1/2	2,617.39	1/2	2,225.42	1/2	1,833.45	1/2	1,441.48	1/2	1,049.51	1/2	657.54	1/2	272.03	1/2		1/2		1/2	
3/4		3/4	4,170.98	3/4	3,783.12	3/4	3,392.40	3/4	3,001.19	3/4	2,609.22	3/4	2,217.25	3/4	1,825.28	3/4	1,433.31	3/4	1,041.35	3/4	649.38	3/4	263.87	3/4		3/4		3/4	
4		4	4,164.07	4	3,774.98	4	3,384.26	4	2,993.02	4	2,601.05	4	2,209.08	4	1,817.12	4	1,425.15	4	1,033.18	4	641.21	4	255.70	4		4		4	
1/4		1/4	4,156.33	1/4	3,766.84	1/4	3,376.12	1/4	2,984.86	1/4	2,592.89	1/4	2,200.92	1/4	1,808.95	1/4	1,416.98	1/4	1,025.02	1/4	633.05	1/4	247.53	1/4		1/4		1/4	
1/2		1/2	4,148.60	1/2	3,758.70	1/2	3,367.98	1/2	2,976.69	1/2	2,584.72	1/2	2,192.75	1/2	1,800.78	1/2	1,408.82	1/2	1,016.85	1/2	624.88	1/2	239.37	1/2		1/2		1/2	
3/4		3/4	4,140.87	3/4	3,750.56	3/4	3,359.84	3/4	2,968.52	3/4	2,576.56	3/4	2,184.59	3/4	1,792.62	3/4	1,400.65	3/4	1,008.68	3/4	616.71	3/4	231.20	3/4		3/4		3/4	
5		5	4,133.14	5	3,742.42	5	3,351.70	5	2,960.36	5	2,568.39	5	2,176.42	5	1,784.45	5	1,392.48	5	1,000.52	5	608.55	5	223.03	5		5		5	
1/4		1/4	4,125.00	1/4	3,734.28	1/4	3,343.56	1/4	2,952.19	1/4	2,560.22	1/4	2,168.29	1/4	1,776.29	1/4	1,384.32	1/4	992.35	1/4	600.38	1/4	214.87	1/4		1/4		1/4	
1/2		1/2	4,116.86	1/2	3,726.14	1/2	3,335.42	1/2	2,944.03	1/2	2,552.06	1/2	2,160.09	1/2	1,768.12	1/2	1,376.15	1/2	984.18	1/2	592.22	1/2	206.70	1/2		1/2		1/2	
3/4		3/4	4,108.72	3/4	3,718.00	3/4	3,327.28	3/4	2,935.86	3/4	2,543.89	3/4	2,151.92	3/4	1,759.95	3/4	1,367.99	3/4	976.02	3/4	584.05	3/4	198.53	3/4		3/4		3/4	
6		6	4,100.58	6	3,709.86	6	3,319.14	6	2,927.69	6	2,535.73	6	2,143.76	6	1,751.79	6	1,359.82	6	967.85	6	575.88	6	190.36	6		6		6	
1/4		1/4	4,092.44	1/4	3,701.72	1/4	3,311.00	1/4	2,919.53	1/4	2,527.56	1/4	2,135.59	1/4	1,743.62	1/4	1,351.65	1/4	959.69	1/4	568.53	1/4	182.20	1/4		1/4		1/4	
1/2		1/2	4,084.30	1/2	3,693.58	1/2	3,302.86	1/2	2,911.36	1/2	2,519.39	1/2	2,127.42	1/2	1,735.46	1/2	1,343.49	1/2	951.52	1/2	561.17	1/2	174.03	1/2		1/2		1/2	
3/4		3/4	4,076.16	3/4	3,685.44	3/4	3,294.72	3/4	2,903.20	3/4	2,511.23	3/4	2,119.26	3/4	1,727.29	3/4	1,335.32	3/4	943.35	3/4	553.82	3/4	165.86	3/4		3/4		3/4	
7	4,295.38	7	4,068.02	7	3,677.30	7	3,286.58	7	2,895.03	7	2,503.06	7	2,111.09	7	1,719.12	7	1,327.16	7	935.19	7	546.46	7	157.70	7		7		7	
1/4		1/4	4,295.00	1/4	4,059.88	1/4	3,669.16	1/4	3,278.44	1/4	2,886.86	1/4	2,494.90	1/4	1,710.96	1/4	1,318.99	1/4	927.02	1/4	539.11	1/4	149.53	1/4		1/4		1/4	
1/2		1/2	4,294.62	1/2	4,051.74	1/2	3,661.02	1/2	3,270.30	1/2	2,878.70	1/2	2,486.73	1/2	1,702.79	1/2	1,310.83	1/2	918.86	1/2	531.75	1/2	141.36	1/2		1/2		1/2	
3/4		3/4	4,294.24	3/4	4,043.60	3/4	3,652.88	3/4	3,262.16	3/4	2,870.53	3/4	2,478.56	3/4	1,694.63	3/4	1,302.66	3/4	910.69	3/4	524.40	3/4	133.20	3/4		3/4		3/4	
8	4,293.86	8	4,035.46	8	3,644.74	8	3,254.02	8	2,862.37	8	2,470.40	8	2,078.43	8	1,686.46	8	1,294.49	8	902.52	8	517.04	8	125.03	8		8		8	
1/4		1/4	4,292.66	1/4	4,027.32	1/4	3,636.60	1/4	3,245.88	1/4	2,854.20	1/4	2,462.23	1/4	1,678.29	1/4	1,286.33	1/4	894.36	1/4	508.88	1/4	117.67	1/4		1/4		1/4	
1/2		1/2	4,291.46	1/2	4,019.18	1/2	3,628.46	1/2	3,237.74	1/2	2,846.03	1/2	2,454.07	1/2	1,670.13	1/2	1,278.16	1/2	886.19	1/2	500.71	1/2	110.32	1/2		1/2		1/2	
3/4		3/4	4,290.26	3/4	4,011.04	3/4	3,620.32	3/4	3,229.60	3/4	2,837.87	3/4	2,445.90	3/4	1,661.96	3/4	1,270.00	3/4	878.03	3/4	492.54	3/4	102.96	3/4		3/4		3/4	
9	4,289.07	9	4,002.90	9	3,612.18	9	3,221.46	9	2,829.70	9	2,437.73	9	2,045.76	9	1,653.80	9	1,261.83	9	869.86	9	484.38	9	95.61	9		9		9	
1/4		1/4	4,287.05	1/4	3,994.76	1/4	3,604.04	1/4	3,213.32	1/4	2,821.54	1/4	2,429.57	1/4	1,645.63	1/4	1,253.66	1/4	861.69	1/4	476.21	1/4	88.25	1/4		1/4		1/4	
1/2		1/2	4,285.04	1/2	3,986.62	1/2	3,595.90	1/2	3,205.18	1/2	2,813.37	1/2	2,421.40	1/2	1,637.46	1/2	1,245.50	1/2	853.53	1/2	468.04	1/2	80.90	1/2		1/2		1/2	
3/4		3/4	4,283.02	3/4	3,978.48	3/4	3,587.76	3/4	3,197.04	3/4	2,805.20	3/4	2,413.24	3/4	1,629.30	3/4	1,237.33	3/4	845.36	3/4	459.88	3/4	73.54	3/4		3/4		3/4	
10	4,281.01	10	3,970.34	10	3,579.62	10	3,188.90	10	2,797.04	10	2,405.07	10	2,013.10	10	1,621.13	10	1,229.17	10	837.20	10	451.71	10	66.19	10		10		10	
1/4		1/4	4,278.18	1/4	3,962.20	1/4	3,571.48	1/4	3,180.76	1/4	2,788.87	1/4	2,396.90	1/4	1,612.97	1/4	1,221.00	1/4	829.03	1/4	443.54	1/4	59.04	1/4		1/4		1/4	
1/2		1/2	4,275.35	1/2	3,954.06	1/2	3,563.34	1/2	3,172.62	1/2	2,780.71	1/2	2,388.74	1/2	1,604.80	1/2	1,212.83	1/2	820.86	1/2	435.37	1/2	51.90	1/2		1/2		1/2	
3/4		3/4	4,272.52	3/4	3,945.92	3/4	3,555.20	3/4	3,164.48	3/4	2,772.54	3/4	2,380.57																



BARGE "MM 64 B" MAGNOLIA MARINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4559

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	4,250.63	0	3,897.08	0	3,506.36	0	3,115.51	0	2,723.54	0	2,331.58	0	1,939.61	0	1,547.64	0	1,155.67	0	763.70	0	378.21	0		0					
1/4		1/4	4,246.17	1/4	3,888.94	1/4	3,498.22	1/4	3,107.35	1/4	2,715.38	1/4	2,323.41	1/4	1,931.44	1/4	1,539.47	1/4	1,147.51	1/4	755.54	1/4	370.04	1/4		1/4					
1/2		1/2	4,241.70	1/2	3,880.80	1/2	3,490.08	1/2	3,099.18	1/2	2,707.21	1/2	2,315.24	1/2	1,923.27	1/2	1,531.31	1/2	1,139.34	1/2	747.37	1/2	361.87	1/2		1/2					
3/4		3/4	4,237.24	3/4	3,872.66	3/4	3,481.94	3/4	3,091.01	3/4	2,699.05	3/4	2,307.08	3/4	1,915.11	3/4	1,523.14	3/4	1,131.17	3/4	739.20	3/4	353.70	3/4		3/4					
1		1	4,231.96	1	3,864.52	1	3,473.80	1	3,082.85	1	2,690.88	1	2,298.91	1	1,906.94	1	1,514.97	1	1,123.01	1	731.04	1	345.54	1		1					
1/4		1/4	4,226.68	1/4	3,856.38	1/4	3,465.66	1/4	3,074.68	1/4	2,682.71	1/4	2,290.74	1/4	1,898.78	1/4	1,506.81	1/4	1,114.84	1/4	722.87	1/4	337.37	1/4		1/4					
1/2		1/2	4,221.39	1/2	3,848.24	1/2	3,457.52	1/2	3,066.52	1/2	2,674.55	1/2	2,282.58	1/2	1,890.61	1/2	1,498.64	1/2	1,106.68	1/2	714.71	1/2	329.20	1/2		1/2					
3/4		3/4	4,216.11	3/4	3,840.10	3/4	3,449.38	3/4	3,058.35	3/4	2,666.38	3/4	2,274.41	3/4	1,882.44	3/4	1,490.48	3/4	1,098.51	3/4	706.54	3/4	321.04	3/4		3/4					
2		2	4,210.02	2	3,831.96	2	3,441.24	2	3,050.18	2	2,658.22	2	2,266.25	2	1,874.28	2	1,482.31	2	1,090.34	2	698.37	2	312.87	2		2					
1/4		1/4	4,203.92	1/4	3,823.82	1/4	3,433.10	1/4	3,042.02	1/4	2,650.05	1/4	2,258.08	1/4	1,866.11	1/4	1,474.14	1/4	1,082.18	1/4	690.21	1/4	304.70	1/4		1/4					
1/2		1/2	4,197.82	1/2	3,815.68	1/2	3,424.96	1/2	3,033.85	1/2	2,641.88	1/2	2,249.91	1/2	1,857.95	1/2	1,465.98	1/2	1,074.01	1/2	682.04	1/2	296.54	1/2		1/2					
3/4		3/4	4,191.72	3/4	3,807.54	3/4	3,416.82	3/4	3,025.69	3/4	2,633.72	3/4	2,241.75	3/4	1,849.78	3/4	1,457.81	3/4	1,065.85	3/4	673.88	3/4	288.37	3/4		3/4					
3		3	4,184.81	3	3,799.40	3	3,408.68	3	3,017.52	3	2,625.55	3	2,233.58	3	1,841.61	3	1,449.65	3	1,057.68	3	665.71	3	280.20	3		3					
1/4		1/4	4,177.89	1/4	3,791.26	1/4	3,400.54	1/4	3,009.35	1/4	2,617.39	1/4	2,225.42	1/4	1,833.45	1/4	1,441.48	1/4	1,049.51	1/4	657.54	1/4	272.03	1/4		1/4					
1/2		1/2	4,170.98	1/2	3,783.12	1/2	3,392.40	1/2	3,001.19	1/2	2,609.22	1/2	2,217.25	1/2	1,825.28	1/2	1,433.31	1/2	1,041.35	1/2	649.38	1/2	263.87	1/2		1/2					
3/4		3/4	4,164.07	3/4	3,774.98	3/4	3,384.26	3/4	2,993.02	3/4	2,601.05	3/4	2,209.08	3/4	1,817.12	3/4	1,425.15	3/4	1,033.18	3/4	641.21	3/4	255.70	3/4		3/4					
4		4	4,156.33	4	3,766.84	4	3,376.12	4	2,984.86	4	2,592.89	4	2,200.92	4	1,808.95	4	1,416.98	4	1,025.02	4	633.05	4	247.53	4		4					
1/4		1/4	4,148.60	1/4	3,758.70	1/4	3,367.98	1/4	2,976.69	1/4	2,584.72	1/4	2,192.75	1/4	1,800.78	1/4	1,408.82	1/4	1,016.85	1/4	624.88	1/4	239.37	1/4		1/4					
1/2		1/2	4,140.87	1/2	3,750.56	1/2	3,359.84	1/2	2,968.52	1/2	2,576.56	1/2	2,184.59	1/2	1,792.62	1/2	1,400.65	1/2	1,008.68	1/2	616.71	1/2	231.20	1/2		1/2					
3/4		3/4	4,133.14	3/4	3,742.42	3/4	3,351.70	3/4	2,960.36	3/4	2,568.39	3/4	2,176.42	3/4	1,784.45	3/4	1,392.48	3/4	1,000.52	3/4	608.55	3/4	223.03	3/4		3/4					
5		5	4,125.00	5	3,734.28	5	3,343.56	5	2,952.19	5	2,560.22	5	2,168.25	5	1,776.29	5	1,384.32	5	992.35	5	600.38	5	214.87	5		5					
1/4		1/4	4,116.86	1/4	3,726.14	1/4	3,335.42	1/4	2,944.03	1/4	2,552.06	1/4	2,160.09	1/4	1,768.12	1/4	1,376.15	1/4	984.18	1/4	592.22	1/4	206.70	1/4		1/4					
1/2		1/2	4,108.72	1/2	3,718.00	1/2	3,327.28	1/2	2,935.86	1/2	2,543.89	1/2	2,151.92	1/2	1,759.95	1/2	1,367.99	1/2	976.02	1/2	584.05	1/2	198.53	1/2		1/2					
3/4		3/4	4,100.58	3/4	3,709.86	3/4	3,319.14	3/4	2,927.69	3/4	2,535.73	3/4	2,143.76	3/4	1,751.79	3/4	1,359.82	3/4	967.85	3/4	575.88	3/4	190.36	3/4		3/4					
6		6	4,092.44	6	3,701.72	6	3,311.00	6	2,919.53	6	2,527.56	6	2,135.59	6	1,743.62	6	1,351.65	6	959.69	6	568.53	6	182.20	6		6					
1/4		1/4	4,084.30	1/4	3,693.58	1/4	3,302.86	1/4	2,911.36	1/4	2,519.39	1/4	2,127.42	1/4	1,735.46	1/4	1,343.49	1/4	951.52	1/4	561.17	1/4	174.03	1/4		1/4					
1/2		1/2	4,076.16	1/2	3,685.44	1/2	3,294.72	1/2	2,903.20	1/2	2,511.23	1/2	2,119.26	1/2	1,727.29	1/2	1,335.32	1/2	943.35	1/2	553.82	1/2	165.86	1/2		1/2					
3/4		3/4	4,295.38	3/4	4,068.02	3/4	3,677.30	3/4	3,286.58	3/4	2,895.03	3/4	2,503.06	3/4	2,111.09	3/4	1,719.12	3/4	935.19	3/4	546.46	3/4	157.70	3/4		3/4					
7		7	4,295.00	7	4,059.88	7	3,669.16	7	3,278.44	7	2,886.86	7	2,494.90	7	2,102.93	7	1,710.96	7	927.02	7	539.11	7	149.53	7		7					
1/4		1/4	4,294.62	1/4	4,051.74	1/4	3,661.02	1/4	3,270.30	1/4	2,878.70	1/4	2,486.73	1/4	2,094.76	1/4	1,702.79	1/4	918.86	1/4	531.75	1/4	141.36	1/4		1/4					
1/2		1/2	4,294.24	1/2	4,043.60	1/2	3,652.88	1/2	3,262.16	1/2	2,870.53	1/2	2,478.56	1/2	2,086.59	1/2	1,694.63	1/2	910.69	1/2	524.40	1/2	133.20	1/2		1/2					
3/4		3/4	4,293.86	3/4	4,035.46	3/4	3,644.74	3/4	3,254.02	3/4	2,862.37	3/4	2,470.40	3/4	2,078.43	3/4	1,686.46	3/4	902.52	3/4	517.04	3/4	125.03	3/4		3/4					
8		8	4,292.66	8	4,027.32	8	3,636.60	8	3,245.88	8	2,854.20	8	2,462.23	8	2,070.26	8	1,678.29	8	894.36	8	508.88	8	117.67	8		8					
1/4		1/4	4,291.46	1/4	4,019.18	1/4	3,628.46	1/4	3,237.74	1/4	2,846.03	1/4	2,454.07	1/4	2,062.10	1/4	1,670.13	1/4	886.19	1/4	500.71	1/4	110.32	1/4		1/4					
1/2		1/2	4,290.26	1/2	4,011.04	1/2	3,620.32	1/2	3,229.60	1/2	2,837.87	1/2	2,445.90	1/2	2,053.93	1/2	1,661.96	1/2	878.03	1/2	492.54	1/2	102.96	1/2		1/2					
3/4		3/4	4,289.07	3/4	4,002.90	3/4	3,612.18	3/4	3,221.46	3/4	2,829.70	3/4	2,437.73	3/4	2,045.76	3/4	1,653.80	3/4	869.86	3/4	484.38	3/4	95.61	3/4		3/4					
9		9	4,287.05	9	3,994.76	9	3,604.04	9	3,213.32	9	2,821.54	9	2,429.57	9	2,037.60	9	1,645.63	9	861.69	9	476.21	9	88.25	9		9					
1/4		1/4	4,285.04	1/4	3,986.62	1/4	3,595.90	1/4	3,205.18	1/4	2,813.37	1/4	2,421.40	1/4	2,029.43	1/4	1,637.46	1/4	853.53	1/4	468.04	1/4	80.90	1/4		1/4					
1/2		1/2	4,283.02	1/2	3,978.48	1/2	3,587.76	1/2	3,197.04	1/2	2,805.20	1/2	2,413.24	1/2	2,021.27	1/2	1,629.30	1/2	845.36	1/2	459.88	1/2	73.54	1/2		1/2					
3/4		3/4	4,281.01	3/4	3,970.34	3/4	3,579.62	3/4	3,188.90	3/4	2,797.04	3/4	2,405.07	3/4	2,013.10	3/4	1,621.13	3/4	837.20	3/4	451.71	3/4	66.19	3/4		3/4					
10		10	4,278.18	10	3,962.20	10	3,571.48	10	3,180.76	10	2,788.87	10	2,396.90	10	2,004.93	10	1,612.97	10	829.03	10	443.54	10	59.04	10		10					
1/4		1/4	4,275.35	1/4	3,954.06	1/4	3,563.34	1/4	3,172.62	1/4	2,780.71	1/4	2,388.74	1/4	1,996.77	1/4	1,604.80	1/4	820.86	1/4	435.37	1/4	51.90	1/4		1/4					
1/2		1/2	4,272.52	1/2	3,945.92	1/2	3,555.20	1/2	3,164.48	1/2	2,772.54	1/2	2,380.57	1/2	1,988.60	1/2	1,596.63	1/2	812.70	1/2	427.21	1/2	44.75	1/2		1/2					
3/4		3/4	4,269.69	3/4	3,937.78	3/4	3,547.06	3/4	3,156.34	3/4	2,7																				



BARGE "MM 64 B"
MAGNOLIA MARINE

OUTAGE TABLE

2 PORT OR STAR

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

HULL NO. 4559

Table with columns for gauge height (0 FT. to 14 FT.) and rows for measurements at 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14 feet. Each cell contains multiple values corresponding to different gauge types (e.g., 1/4, 1/2, 3/4).

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 6/19/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-11 1/2" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.



BARGE "MM 64 B"
MAGNOLIA MARINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4559

Table with columns for depth (0 FT. to 14 FT.) and multiple rows for each depth, listing capacity values in barrels of 42 U.S. gallons.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 6/19/07

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-11 1/4" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

WE CERTIFY ALL MEASUREMENTS AND COMPUTATIONS ARE IN ACCORDANCE WITH APPLICABLE API STANDARDS AND ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE.

BARGE "MM-64 B"

MAGNOLIA MARINE

HULL NO. 4559

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

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

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 6/19/07

BY: _____

INSPECTORATE AMERICA CORPORATION