



BARGE "MM-32" MAGNOLIA MARINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4586

IN	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																														
1/4																														
1/2																														
3/4																														
1																														
1/4																														
1/2																														
3/4																														
2																														
1/4																														
1/2																														
3/4																														
3																														
1/4																														
1/2																														
3/4																														
4																														
1/4																														
1/2																														
3/4																														
5																														
1/4																														
1/2																														
3/4																														
6																														
1/4																														
1/2																														
3/4																														
7																														
1/4																														
1/2																														
3/4																														
8																														
1/4																														
1/2																														
3/4																														
9																														
1/4																														
1/2																														
3/4																														
10																														
1/4																														
1/2																														
3/4																														
11																														
1/4																														
1/2																														
3/4																														
12																														
1/4																														
1/2																														
3/4																														

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/28/08

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-10 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.


INSPECTORATE AMERICA CORPORATION



BARGE "MM-32"
MAGNOLIA MARINE

OUTAGE TABLE

1 STAR

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

HULL NO. 4586

Table with 17 columns representing gauging heights from 0 FT. to 14 FT. and multiple rows for each height. Each cell contains a numerical value representing capacity in barrels. The table includes a diagonal line on the left side.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/28/08

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT: 11'-10 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.



INSPECTORATE AMERICA CORPORATION



BARGE "MM-32" MAGNOLIA MARINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4586

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	3,005.74	0	2,745.03	0	2,466.63	0	2,188.23	0	1,909.83	0	1,631.43	0	1,353.03	0	1,074.63	0	796.23	0	517.83	0	239.62	0		0		0					
1/4		1/4	3,001.60	1/4	2,739.23	1/4	2,460.83	1/4	2,182.43	1/4	1,904.03	1/4	1,625.63	1/4	1,347.23	1/4	1,068.83	1/4	790.43	1/4	512.03	1/4	233.91	1/4		1/4		1/4					
1/2		1/2	2,997.46	1/2	2,733.43	1/2	2,455.03	1/2	2,176.63	1/2	1,898.23	1/2	1,619.83	1/2	1,341.43	1/2	1,063.03	1/2	784.63	1/2	506.23	1/2	228.20	1/2		1/2		1/2		1/2			
3/4		3/4	2,993.31	3/4	2,727.63	3/4	2,449.23	3/4	2,170.83	3/4	1,892.43	3/4	1,614.03	3/4	1,335.63	3/4	1,057.23	3/4	778.83	3/4	500.43	3/4	222.50	3/4		3/4		3/4		3/4			
1		1	2,989.17	1	2,721.83	1	2,443.43	1	2,165.03	1	1,886.63	1	1,608.23	1	1,329.83	1	1,051.43	1	773.03	1	494.63	1	216.79	1		1		1		1			
1/4		1/4	2,985.03	1/4	2,716.03	1/4	2,437.63	1/4	2,159.23	1/4	1,880.83	1/4	1,602.43	1/4	1,324.03	1/4	1,045.63	1/4	767.23	1/4	488.83	1/4	211.09	1/4		1/4		1/4		1/4			
1/2		1/2	2,980.89	1/2	2,710.23	1/2	2,431.83	1/2	2,153.43	1/2	1,875.03	1/2	1,596.63	1/2	1,318.23	1/2	1,039.83	1/2	761.43	1/2	483.03	1/2	205.38	1/2		1/2		1/2		1/2			
3/4		3/4	2,976.75	3/4	2,704.43	3/4	2,426.03	3/4	2,147.63	3/4	1,869.23	3/4	1,590.83	3/4	1,312.43	3/4	1,034.03	3/4	755.63	3/4	477.23	3/4	199.67	3/4		3/4		3/4		3/4			
2		2	2,972.60	2	2,698.63	2	2,420.23	2	2,141.83	2	1,863.43	2	1,585.03	2	1,306.63	2	1,028.23	2	749.83	2	471.43	2	193.97	2		2		2		2			
1/4		1/4	2,967.36	1/4	2,692.83	1/4	2,414.43	1/4	2,136.03	1/4	1,857.63	1/4	1,579.23	1/4	1,300.83	1/4	1,022.43	1/4	744.03	1/4	465.63	1/4	188.26	1/4		1/4		1/4		1/4			
1/2		1/2	2,962.11	1/2	2,687.03	1/2	2,408.63	1/2	2,130.23	1/2	1,851.83	1/2	1,573.43	1/2	1,295.03	1/2	1,016.63	1/2	738.23	1/2	459.83	1/2	182.56	1/2		1/2		1/2		1/2			
3/4		3/4	2,956.86	3/4	2,681.23	3/4	2,402.83	3/4	2,124.43	3/4	1,846.03	3/4	1,567.63	3/4	1,289.23	3/4	1,010.83	3/4	732.43	3/4	454.03	3/4	176.85	3/4		3/4		3/4		3/4			
3		3	2,951.62	3	2,675.43	3	2,397.03	3	2,118.63	3	1,840.23	3	1,561.83	3	1,283.43	3	1,005.03	3	726.63	3	448.23	3	171.14	3		3		3		3			
1/4		1/4	2,946.37	1/4	2,669.63	1/4	2,391.23	1/4	2,112.83	1/4	1,834.43	1/4	1,556.03	1/4	1,277.63	1/4	999.23	1/4	720.83	1/4	442.43	1/4	165.44	1/4		1/4		1/4		1/4			
1/2		1/2	2,941.12	1/2	2,663.83	1/2	2,385.43	1/2	2,107.03	1/2	1,828.63	1/2	1,550.23	1/2	1,271.83	1/2	993.43	1/2	715.03	1/2	436.63	1/2	159.73	1/2		1/2		1/2		1/2			
3/4		3/4	2,935.88	3/4	2,658.03	3/4	2,379.63	3/4	2,101.23	3/4	1,822.83	3/4	1,544.43	3/4	1,266.03	3/4	987.63	3/4	709.23	3/4	430.83	3/4	154.03	3/4		3/4		3/4		3/4			
4		4	2,930.63	4	2,652.23	4	2,373.83	4	2,095.43	4	1,817.03	4	1,538.63	4	1,260.23	4	981.83	4	703.43	4	425.03	4	148.32	4		4		4		4		4	
1/4		1/4	2,924.83	1/4	2,646.43	1/4	2,368.03	1/4	2,089.63	1/4	1,811.23	1/4	1,532.83	1/4	1,254.43	1/4	976.03	1/4	697.63	1/4	419.23	1/4	142.61	1/4		1/4		1/4		1/4		1/4	
1/2		1/2	2,919.03	1/2	2,640.63	1/2	2,362.23	1/2	2,083.83	1/2	1,805.43	1/2	1,527.03	1/2	1,248.63	1/2	970.23	1/2	691.83	1/2	413.43	1/2	136.91	1/2		1/2		1/2		1/2		1/2	
3/4		3/4	2,913.23	3/4	2,634.83	3/4	2,356.43	3/4	2,078.03	3/4	1,799.63	3/4	1,521.23	3/4	1,242.83	3/4	964.43	3/4	686.03	3/4	407.63	3/4	131.20	3/4		3/4		3/4		3/4		3/4	
5		5	2,907.43	5	2,629.03	5	2,350.63	5	2,072.23	5	1,793.83	5	1,515.43	5	1,237.03	5	968.63	5	680.23	5	401.83	5	125.50	5		5		5		5		5	
1/4		1/4	2,901.63	1/4	2,623.23	1/4	2,344.83	1/4	2,066.43	1/4	1,788.03	1/4	1,509.63	1/4	1,231.23	1/4	952.83	1/4	674.43	1/4	396.03	1/4	119.79	1/4		1/4		1/4		1/4		1/4	
1/2	3,052.41	1/2	2,895.83	1/2	2,617.43	1/2	2,339.03	1/2	2,060.63	1/2	1,782.23	1/2	1,503.83	1/2	1,225.43	1/2	947.03	1/2	668.63	1/2	390.23	1/2	114.08	1/2		1/2		1/2		1/2		1/2	
3/4	3,052.27	3/4	2,890.03	3/4	2,611.63	3/4	2,333.23	3/4	2,054.83	3/4	1,776.43	3/4	1,498.03	3/4	1,219.63	3/4	941.23	3/4	662.83	3/4	384.43	3/4	108.38	3/4		3/4		3/4		3/4		3/4	
6	3,052.13	6	2,884.23	6	2,605.83	6	2,327.43	6	2,049.03	6	1,770.63	6	1,492.23	6	1,213.83	6	935.43	6	657.03	6	378.63	6	102.67	6		6		6		6		6	
1/4	3,051.30	1/4	2,878.43	1/4	2,600.03	1/4	2,321.63	1/4	2,043.23	1/4	1,764.83	1/4	1,486.43	1/4	1,208.03	1/4	929.63	1/4	651.23	1/4	372.83	1/4	96.97	1/4		1/4		1/4		1/4		1/4	
1/2	3,050.48	1/2	2,872.63	1/2	2,594.23	1/2	2,315.83	1/2	2,037.43	1/2	1,759.03	1/2	1,480.63	1/2	1,202.23	1/2	923.83	1/2	645.43	1/2	367.03	1/2	91.26	1/2		1/2		1/2		1/2		1/2	
3/4	3,049.65	3/4	2,866.83	3/4	2,588.43	3/4	2,310.03	3/4	2,031.63	3/4	1,753.23	3/4	1,474.83	3/4	1,196.43	3/4	918.03	3/4	639.63	3/4	361.23	3/4	85.55	3/4		3/4		3/4		3/4		3/4	
7	3,048.82	7	2,861.03	7	2,582.63	7	2,304.23	7	2,025.83	7	1,747.43	7	1,469.03	7	1,190.63	7	912.23	7	633.83	7	355.43	7	79.85	7		7		7		7		7	
1/4	3,047.99	1/4	2,855.23	1/4	2,576.83	1/4	2,298.43	1/4	2,020.03	1/4	1,741.63	1/4	1,463.23	1/4	1,184.83	1/4	906.43	1/4	628.03	1/4	349.63	1/4	74.14	1/4		1/4		1/4		1/4		1/4	
1/2	3,047.16	1/2	2,849.43	1/2	2,571.03	1/2	2,292.63	1/2	2,014.23	1/2	1,735.83	1/2	1,457.43	1/2	1,179.03	1/2	900.63	1/2	622.23	1/2	343.83	1/2	68.44	1/2		1/2		1/2		1/2		1/2	
3/4	3,046.34	3/4	2,843.63	3/4	2,565.23	3/4	2,286.83	3/4	2,008.43	3/4	1,730.03	3/4	1,451.63	3/4	1,173.23	3/4	894.83	3/4	616.43	3/4	338.03	3/4	62.73	3/4		3/4		3/4		3/4		3/4	
8	3,045.51	8	2,837.83	8	2,559.43	8	2,281.03	8	2,002.63	8	1,724.23	8	1,445.83	8	1,167.43	8	889.03	8	610.63	8	332.23	8	57.02	8		8		8		8		8	
1/4	3,043.58	1/4	2,832.03	1/4	2,553.63	1/4	2,275.23	1/4	1,996.83	1/4	1,718.43	1/4	1,440.03	1/4	1,161.63	1/4	883.23	1/4	604.83	1/4	326.43	1/4	51.32	1/4		1/4		1/4		1/4		1/4	
1/2	3,041.64	1/2	2,826.23	1/2	2,547.83	1/2	2,269.43	1/2	1,991.03	1/2	1,712.63	1/2	1,434.23	1/2	1,155.83	1/2	877.43	1/2	599.03	1/2	320.63	1/2	45.61	1/2		1/2		1/2		1/2		1/2	
3/4	3,039.71	3/4	2,820.43	3/4	2,542.03	3/4	2,263.63	3/4	1,985.23	3/4	1,706.83	3/4	1,428.43	3/4	1,150.03	3/4	871.63	3/4	593.23	3/4	314.83	3/4	40.63	3/4		3/4		3/4		3/4		3/4	
9	3,037.78	9	2,814.63	9	2,536.23	9	2,257.83	9	1,979.43	9	1,701.03	9	1,422.63	9	1,144.23	9	865.83	9	587.43	9	309.03	9	35.65	9		9		9		9		9	
1/4	3,035.84	1/4	2,808.83	1/4	2,530.43	1/4	2,252.03	1/4	1,973.63	1/4	1,695.23	1/4	1,416.83	1/4	1,138.43	1/4	860.03	1/4	581.63	1/4	303.23	1/4	30.67	1/4		1/4		1/4		1/4		1/4	
1/2	3,033.91	1/2	2,803.03	1/2	2,524.63	1/2	2,246.23	1/																									



BARGE "MM-32" MAGNOLIA MARINE

OUTAGE TABLE

2 STAR

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

HULL NO. 4586

Table with 14 columns for gauging heights (0 FT. to 14 FT.) and multiple rows for each height, containing capacity values in barrels.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/28/08

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-10 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.

Handwritten signature

INSPECTORATE AMERICA CORPORATION



BARGE "MM-32" MAGNOLIA MARINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4586

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	2,956.07	0	2,699.66	0	2,425.87	0	2,152.08	0	1,878.28	0	1,604.49	0	1,330.70	0	1,056.91	0	783.12	0	509.32	0	235.71	0		0				
1/4		1/4	2,951.99	1/4	2,693.96	1/4	2,420.16	1/4	2,146.37	1/4	1,872.58	1/4	1,598.79	1/4	1,325.00	1/4	1,051.20	1/4	777.41	1/4	503.62	1/4	230.10	1/4		1/4				
1/2		1/2	2,947.92	1/2	2,688.25	1/2	2,414.46	1/2	2,140.67	1/2	1,866.88	1/2	1,593.08	1/2	1,319.29	1/2	1,045.50	1/2	771.71	1/2	497.92	1/2	224.49	1/2		1/2				
3/4		3/4	2,943.85	3/4	2,682.55	3/4	2,408.76	3/4	2,134.96	3/4	1,861.17	3/4	1,587.38	3/4	1,313.59	3/4	1,039.80	3/4	766.00	3/4	492.21	3/4	218.87	3/4		3/4				
1		1	2,939.77	1	2,676.84	1	2,403.05	1	2,129.26	1	1,855.47	1	1,581.68	1	1,307.88	1	1,034.09	1	760.30	1	486.51	1	213.26	1		1				
1/4		1/4	2,935.70	1/4	2,671.14	1/4	2,397.35	1/4	2,123.56	1/4	1,849.76	1/4	1,575.97	1/4	1,302.18	1/4	1,028.39	1/4	754.60	1/4	480.80	1/4	207.65	1/4		1/4				
1/2		1/2	2,931.62	1/2	2,666.44	1/2	2,391.64	1/2	2,117.85	1/2	1,844.06	1/2	1,570.27	1/2	1,296.48	1/2	1,022.68	1/2	748.89	1/2	475.10	1/2	202.04	1/2		1/2				
3/4		3/4	2,927.55	3/4	2,659.73	3/4	2,385.94	3/4	2,112.15	3/4	1,838.36	3/4	1,564.56	3/4	1,290.77	3/4	1,016.98	3/4	743.19	3/4	469.40	3/4	196.42	3/4		3/4				
2		2	2,923.48	2	2,654.03	2	2,380.24	2	2,106.44	2	1,832.65	2	1,558.86	2	1,285.07	2	1,011.28	2	737.48	2	463.69	2	190.81	2		2				
1/4		1/4	2,918.32	1/4	2,648.32	1/4	2,374.53	1/4	2,100.74	1/4	1,826.95	1/4	1,553.16	1/4	1,279.36	1/4	1,005.57	1/4	731.78	1/4	457.99	1/4	185.20	1/4		1/4				
1/2		1/2	2,913.15	1/2	2,642.62	1/2	2,368.83	1/2	2,095.04	1/2	1,821.24	1/2	1,547.45	1/2	1,273.66	1/2	999.87	1/2	726.08	1/2	452.28	1/2	179.58	1/2		1/2				
3/4		3/4	2,907.99	3/4	2,636.92	3/4	2,363.12	3/4	2,089.33	3/4	1,815.54	3/4	1,541.75	3/4	1,267.96	3/4	994.16	3/4	720.37	3/4	446.58	3/4	173.97	3/4		3/4				
3		3	2,902.83	3	2,631.21	3	2,357.42	3	2,083.63	3	1,809.84	3	1,536.04	3	1,262.25	3	988.46	3	714.67	3	440.88	3	168.36	3		3				
1/4		1/4	2,897.67	1/4	2,625.51	1/4	2,351.72	1/4	2,077.92	1/4	1,804.13	1/4	1,530.34	1/4	1,256.55	1/4	982.76	1/4	708.96	1/4	435.17	1/4	162.74	1/4		1/4				
1/2		1/2	2,892.51	1/2	2,619.80	1/2	2,346.01	1/2	2,072.22	1/2	1,798.43	1/2	1,524.64	1/2	1,250.84	1/2	977.05	1/2	703.26	1/2	429.47	1/2	157.13	1/2		1/2				
3/4		3/4	2,887.35	3/4	2,614.10	3/4	2,340.31	3/4	2,066.52	3/4	1,792.72	3/4	1,518.93	3/4	1,245.14	3/4	971.35	3/4	697.56	3/4	423.76	3/4	151.52	3/4		3/4				
4		4	2,882.19	4	2,608.40	4	2,334.60	4	2,060.81	4	1,787.02	4	1,513.23	4	1,239.44	4	965.64	4	691.85	4	418.06	4	145.91	4		4				
1/4		1/4	2,876.48	1/4	2,602.69	1/4	2,328.90	1/4	2,055.11	1/4	1,781.32	1/4	1,507.52	1/4	1,233.73	1/4	959.94	1/4	686.15	1/4	412.36	1/4	140.29	1/4		1/4				
1/2		1/2	2,870.78	1/2	2,596.99	1/2	2,323.20	1/2	2,049.40	1/2	1,775.61	1/2	1,501.82	1/2	1,228.03	1/2	954.24	1/2	680.44	1/2	406.65	1/2	134.68	1/2		1/2				
3/4		3/4	2,865.08	3/4	2,591.28	3/4	2,317.49	3/4	2,043.70	3/4	1,769.91	3/4	1,496.12	3/4	1,222.32	3/4	948.53	3/4	674.74	3/4	400.95	3/4	129.07	3/4		3/4				
5		5	2,859.37	5	2,585.58	5	2,311.79	5	2,038.00	5	1,764.20	5	1,490.41	5	1,216.62	5	942.83	5	669.04	5	395.24	5	123.45	5		5				
1/4		1/4	2,853.67	1/4	2,579.88	1/4	2,306.08	1/4	2,032.29	1/4	1,758.50	1/4	1,484.71	1/4	1,210.92	1/4	937.12	1/4	663.33	1/4	389.54	1/4	117.84	1/4		1/4				
1/2		1/2	3,001.98	1/2	2,847.96	1/2	2,574.17	1/2	2,300.38	1/2	2,026.59	1/2	1,752.80	1/2	1,479.00	1/2	931.42	1/2	657.63	1/2	383.84	1/2	112.23	1/2		1/2				
3/4		3/4	3,001.84	3/4	2,842.26	3/4	2,568.47	3/4	2,294.68	3/4	2,020.88	3/4	1,747.09	3/4	1,473.30	3/4	925.72	3/4	651.92	3/4	378.13	3/4	106.61	3/4		3/4				
6		6	3,001.71	6	2,836.56	6	2,562.76	6	2,288.97	6	2,015.18	6	1,741.39	6	1,467.60	6	920.01	6	646.22	6	372.43	6	101.00	6		6				
1/4		1/4	3,000.89	1/4	2,830.85	1/4	2,557.06	1/4	2,283.27	1/4	2,009.48	1/4	1,735.68	1/4	1,461.89	1/4	914.31	1/4	640.52	1/4	366.72	1/4	95.39	1/4		1/4				
1/2		1/2	3,000.08	1/2	2,825.15	1/2	2,551.36	1/2	2,277.56	1/2	2,003.77	1/2	1,729.98	1/2	1,456.19	1/2	908.60	1/2	634.81	1/2	361.02	1/2	89.78	1/2		1/2				
3/4		3/4	2,999.26	3/4	2,819.44	3/4	2,545.65	3/4	2,271.86	3/4	1,998.07	3/4	1,724.28	3/4	1,450.48	3/4	902.90	3/4	629.11	3/4	355.32	3/4	84.16	3/4		3/4				
7		7	2,998.45	7	2,813.74	7	2,539.95	7	2,266.16	7	1,992.36	7	1,718.57	7	1,444.78	7	897.20	7	623.40	7	349.61	7	78.55	7		7				
1/4		1/4	2,997.63	1/4	2,808.04	1/4	2,534.24	1/4	2,260.45	1/4	1,986.66	1/4	1,712.87	1/4	1,439.08	1/4	891.49	1/4	617.70	1/4	343.91	1/4	72.94	1/4		1/4				
1/2		1/2	2,996.82	1/2	2,802.33	1/2	2,528.54	1/2	2,254.75	1/2	1,980.96	1/2	1,707.16	1/2	1,433.37	1/2	885.79	1/2	612.00	1/2	338.20	1/2	67.32	1/2		1/2				
3/4		3/4	2,996.00	3/4	2,796.63	3/4	2,522.84	3/4	2,249.04	3/4	1,975.25	3/4	1,701.46	3/4	1,427.67	3/4	880.08	3/4	606.29	3/4	332.50	3/4	61.71	3/4		3/4				
8		8	2,995.19	8	2,790.92	8	2,517.13	8	2,243.34	8	1,969.55	8	1,695.76	8	1,421.96	8	874.38	8	600.59	8	326.80	8	56.10	8		8				
1/4		1/4	2,993.29	1/4	2,785.22	1/4	2,511.43	1/4	2,237.64	1/4	1,963.84	1/4	1,690.05	1/4	1,416.26	1/4	868.68	1/4	594.88	1/4	321.09	1/4	50.48	1/4		1/4				
1/2		1/2	2,991.38	1/2	2,779.52	1/2	2,505.72	1/2	2,231.93	1/2	1,958.14	1/2	1,684.35	1/2	1,410.56	1/2	862.97	1/2	589.18	1/2	315.39	1/2	44.87	1/2		1/2				
3/4		3/4	2,989.48	3/4	2,773.81	3/4	2,500.02	3/4	2,226.23	3/4	1,952.44	3/4	1,678.64	3/4	1,404.85	3/4	857.27	3/4	583.48	3/4	309.68	3/4	39.97	3/4		3/4				
9		9	2,987.58	9	2,768.11	9	2,494.32	9	2,220.52	9	1,946.73	9	1,672.94	9	1,399.15	9	851.56	9	577.77	9	303.98	9	35.07	9		9				
1/4		1/4	2,985.68	1/4	2,762.40	1/4	2,488.61	1/4	2,214.82	1/4	1,941.03	1/4	1,667.24	1/4	1,393.44	1/4	845.86	1/4	572.07	1/4	298.28	1/4	30.17	1/4		1/4				
1/2		1/2	2,983.78	1/2	2,756.70	1/2	2,482.91	1/2	2,209.12	1/2	1,935.32	1/2	1,661.53	1/2																



BARGE "MM-32" MAGNOLIA MARINE

OUTAGE TABLE

4 STAR

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

HULL NO. 4586

	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	3,023.89	0	2,757.53	0	2,476.68	0	2,195.84	0	1,914.99	0	1,634.14	0	1,353.29	0	1,072.44	0	791.60	0	510.75	0	230.27	0	0	0	0
1/4	1/4	3,019.71	1/4	2,751.68	1/4	2,470.83	1/4	2,189.98	1/4	1,909.14	1/4	1,628.29	1/4	1,347.44	1/4	1,066.59	1/4	785.74	1/4	504.90	1/4	224.51	1/4	1/4	1/4	1/4
1/2	1/2	3,015.53	1/2	2,745.83	1/2	2,464.98	1/2	2,184.13	1/2	1,903.29	1/2	1,622.44	1/2	1,341.59	1/2	1,060.74	1/2	779.89	1/2	499.05	1/2	218.76	1/2	1/2	1/2	1/2
3/4	3/4	3,011.36	3/4	2,739.98	3/4	2,459.13	3/4	2,178.28	3/4	1,897.43	3/4	1,616.59	3/4	1,335.74	3/4	1,054.89	3/4	774.04	3/4	493.19	3/4	213.00	3/4	3/4	3/4	3/4
1	1	3,007.18	1	2,734.13	1	2,453.28	1	2,172.43	1	1,891.58	1	1,610.74	1	1,329.89	1	1,049.04	1	768.19	1	487.34	1	207.24	1	1	1	1
1/4	1/4	3,003.00	1/4	2,728.28	1/4	2,447.43	1/4	2,166.58	1/4	1,885.73	1/4	1,604.88	1/4	1,324.04	1/4	1,043.19	1/4	762.34	1/4	481.49	1/4	201.48	1/4	1/4	1/4	1/4
1/2	1/2	2,998.82	1/2	2,722.43	1/2	2,441.58	1/2	2,160.73	1/2	1,879.88	1/2	1,599.03	1/2	1,318.19	1/2	1,037.34	1/2	756.49	1/2	475.64	1/2	195.72	1/2	1/2	1/2	1/2
3/4	3/4	2,993.52	3/4	2,716.58	3/4	2,435.73	3/4	2,154.88	3/4	1,874.03	3/4	1,593.18	3/4	1,312.33	3/4	1,031.49	3/4	750.64	3/4	469.79	3/4	189.97	3/4	3/4	3/4	3/4
2	2	2,988.23	2	2,710.72	2	2,429.88	2	2,149.03	2	1,868.18	2	1,587.33	2	1,306.48	2	1,025.64	2	744.79	2	463.94	2	184.21	2	2	2	2
1/4	1/4	2,982.94	1/4	2,704.87	1/4	2,424.02	1/4	2,143.18	1/4	1,862.33	1/4	1,581.48	1/4	1,300.63	1/4	1,019.78	1/4	738.94	1/4	458.09	1/4	178.45	1/4	1/4	1/4	1/4
1/2	1/2	2,977.64	1/2	2,699.02	1/2	2,418.17	1/2	2,137.33	1/2	1,856.48	1/2	1,575.63	1/2	1,294.78	1/2	1,013.93	1/2	733.09	1/2	452.24	1/2	172.69	1/2	1/2	1/2	1/2
3/4	3/4	2,972.35	3/4	2,693.17	3/4	2,412.32	3/4	2,131.47	3/4	1,850.63	3/4	1,569.78	3/4	1,288.93	3/4	1,008.08	3/4	727.23	3/4	446.39	3/4	166.93	3/4	3/4	3/4	3/4
3	3	2,967.05	3	2,687.32	3	2,406.47	3	2,125.62	3	1,844.78	3	1,563.93	3	1,283.08	3	1,002.23	3	721.38	3	440.54	3	161.18	3	3	3	3
1/4	1/4	2,961.76	1/4	2,681.47	1/4	2,400.62	1/4	2,119.77	1/4	1,838.92	1/4	1,558.08	1/4	1,277.23	1/4	996.38	1/4	715.53	1/4	434.68	1/4	155.42	1/4	1/4	1/4	1/4
1/2	1/2	2,956.47	1/2	2,675.62	1/2	2,394.77	1/2	2,113.92	1/2	1,833.07	1/2	1,552.23	1/2	1,271.38	1/2	990.53	1/2	709.68	1/2	428.83	1/2	149.66	1/2	1/2	1/2	1/2
3/4	3/4	2,950.62	3/4	2,669.77	3/4	2,388.92	3/4	2,108.07	3/4	1,827.22	3/4	1,546.37	3/4	1,265.53	3/4	984.68	3/4	703.83	3/4	422.98	3/4	143.90	3/4	3/4	3/4	3/4
4	4	2,944.76	4	2,663.92	4	2,383.07	4	2,102.22	4	1,821.37	4	1,540.52	4	1,259.68	4	978.83	4	697.98	4	417.13	4	138.14	4	4	4	4
1/4	1/4	2,938.91	1/4	2,658.07	1/4	2,377.22	1/4	2,096.37	1/4	1,815.52	1/4	1,534.67	1/4	1,253.82	1/4	972.98	1/4	692.13	1/4	411.28	1/4	132.39	1/4	1/4	1/4	1/4
1/2	1/2	2,933.06	1/2	2,652.21	1/2	2,371.37	1/2	2,090.52	1/2	1,809.67	1/2	1,528.82	1/2	1,247.97	1/2	967.13	1/2	686.28	1/2	405.43	1/2	126.63	1/2	1/2	1/2	1/2
3/4	3/4	2,927.21	3/4	2,646.36	3/4	2,365.51	3/4	2,084.67	3/4	1,803.82	3/4	1,522.97	3/4	1,242.12	3/4	961.27	3/4	680.43	3/4	399.58	3/4	120.87	3/4	3/4	3/4	3/4
5	5	3,079.35	5	2,921.36	5	2,640.51	5	2,359.66	5	2,078.82	5	1,821.37	5	1,547.12	5	1,236.27	5	955.42	5	674.58	5	393.73	5	5	5	5
1/4	1/4	3,079.21	1/4	2,915.51	1/4	2,634.66	1/4	2,353.81	1/4	2,072.96	1/4	1,815.22	1/4	1,541.27	1/4	1,230.42	1/4	949.57	1/4	668.72	1/4	387.88	1/4	1/4	1/4	1/4
1/2	1/2	3,079.07	1/2	2,909.66	1/2	2,628.81	1/2	2,347.96	1/2	2,067.11	1/2	1,806.27	1/2	1,535.42	1/2	1,224.57	1/2	943.72	1/2	662.87	1/2	382.03	1/2	1/2	1/2	1/2
3/4	3/4	3,078.23	3/4	2,903.81	3/4	2,622.96	3/4	2,342.11	3/4	2,061.26	3/4	1,798.41	3/4	1,529.57	3/4	1,218.72	3/4	937.87	3/4	657.02	3/4	376.17	3/4	3/4	3/4	3/4
6	6	3,077.39	6	2,897.96	6	2,617.11	6	2,336.26	6	2,055.41	6	1,774.56	6	1,493.72	6	1,212.87	6	932.02	6	651.17	6	370.32	6	6	6	6
1/4	1/4	3,076.56	1/4	2,892.11	1/4	2,611.26	1/4	2,330.41	1/4	2,049.56	1/4	1,768.71	1/4	1,487.86	1/4	1,207.02	1/4	926.17	1/4	645.32	1/4	364.47	1/4	1/4	1/4	1/4
1/2	1/2	3,075.72	1/2	2,886.25	1/2	2,605.41	1/2	2,324.56	1/2	2,043.71	1/2	1,762.86	1/2	1,482.01	1/2	1,201.17	1/2	920.32	1/2	639.47	1/2	358.62	1/2	1/2	1/2	1/2
3/4	3/4	3,074.89	3/4	2,880.40	3/4	2,599.55	3/4	2,318.71	3/4	2,037.86	3/4	1,757.01	3/4	1,476.16	3/4	1,195.31	3/4	914.47	3/4	633.62	3/4	352.77	3/4	3/4	3/4	3/4
7	7	3,074.05	7	2,874.55	7	2,593.70	7	2,312.86	7	2,032.01	7	1,751.16	7	1,470.31	7	1,189.46	7	908.62	7	627.77	7	346.92	7	7	7	7
1/4	1/4	3,073.21	1/4	2,868.70	1/4	2,587.85	1/4	2,307.00	1/4	2,026.16	1/4	1,745.31	1/4	1,464.46	1/4	1,183.61	1/4	902.76	1/4	621.92	1/4	341.07	1/4	1/4	1/4	1/4
1/2	1/2	3,072.38	1/2	2,862.85	1/2	2,582.00	1/2	2,301.15	1/2	2,020.31	1/2	1,739.46	1/2	1,458.61	1/2	1,177.76	1/2	896.91	1/2	616.07	1/2	335.22	1/2	1/2	1/2	1/2
3/4	3/4	3,070.43	3/4	2,857.00	3/4	2,576.15	3/4	2,295.30	3/4	2,014.45	3/4	1,733.61	3/4	1,452.76	3/4	1,171.91	3/4	891.06	3/4	610.21	3/4	329.37	3/4	3/4	3/4	3/4
8	8	3,068.48	8	2,851.15	8	2,570.30	8	2,289.45	8	2,008.60	8	1,727.76	8	1,446.91	8	1,166.06	8	885.21	8	604.36	8	323.52	8	8	8	8
1/4	1/4	3,066.53	1/4	2,845.30	1/4	2,564.45	1/4	2,283.60	1/4	2,002.75	1/4	1,721.90	1/4	1,441.06	1/4	1,160.21	1/4	879.36	1/4	598.51	1/4	317.66	1/4	1/4	1/4	1/4
1/2	1/2	3,064.57	1/2	2,839.45	1/2	2,558.60	1/2	2,277.75	1/2	1,996.90	1/2	1,716.05	1/2	1,435.21	1/2	1,154.36	1/2	873.51	1/2	592.66	1/2	311.81	1/2	1/2	1/2	1/2
3/4	3/4	3,062.62	3/4	2,833.60	3/4	2,552.75	3/4	2,271.90	3/4	1,991.05	3/4	1,710.20	3/4	1,429.35	3/4	1,148.51	3/4	867.66	3/4	586.81	3/4	305.96	3/4	3/4	3/4	3/4
9	9	3,060.67	9	2,827.74	9	2,546.90	9	2,266.05	9	1,985.20	9	1,704.35	9	1,423.50	9	1,142.66	9	861.81	9	580.96	9	300.11	9	9	9	9
1/4	1/4	3,058.72	1/4	2,821.89	1/4	2,541.04	1/4	2,260.20	1/4	1,979.35	1/4	1,698.50	1/4	1,417.65	1/4	1,136.80	1/4	855.96	1/4	575.11	1/4	294.26	1/4	1/4	1/4	1/4
1/2	1/2	3,056.77	1/2	2,816.04	1/2	2,535.19	1/2	2,254.35	1/2	1,973.50	1/2	1,692.65	1/2	1,411.80	1/2	1,130.95	1/2	850.11	1/2	569.26	1/2	288.41	1/2	1/2	1/2	1/2
3/4	3/4	3,053.71	3/4	2,810.19	3/4	2,529.34	3/4	2,248.49	3/4	1,967.65	3/4	1,686.80	3/4	1,405.95	3/4	1,125.10	3/4	844.25	3/4	563.41	3/4	282.56	3/4	3/4	3/4	3/4
10	10	3,050.64	10	2,804.34	10	2,523.49	10	2,242.64	10	1,961.80	10	1,680.95	10	1,400.10	10	1,119.25	10	838.40	10	557.56	10	276.71	10			



BARGE "MM-32" MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4586

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	12.20	0	215.84	0	457.11	0	710.60	0	964.08	0	1,217.57	0	1,471.06	0	1,724.55	0	1,978.04	0	2,231.52	0	2,485.01	0	2,707.31	0		0		0	
1/4	14.99	1/4	220.59	1/4	462.39	1/4	715.88	1/4	969.36	1/4	1,222.85	1/4	1,476.34	1/4	1,729.83	1/4	1,983.32	1/4	2,236.80	1/4	2,490.29	1/4	2,710.08	1/4		1/4		1/4	
1/2	17.78	1/2	225.33	1/2	467.67	1/2	721.16	1/2	974.65	1/2	1,228.13	1/2	1,481.62	1/2	1,735.11	1/2	1,988.60	1/2	2,242.09	1/2	2,495.57	1/2	2,712.85	1/2		1/2		1/2	
3/4	20.57	3/4	230.07	3/4	472.95	3/4	726.44	3/4	979.93	3/4	1,233.41	3/4	1,486.90	3/4	1,740.39	3/4	1,993.88	3/4	2,247.37	3/4	2,500.85	3/4	2,714.61	3/4		3/4		3/4	
1	23.36	1	234.81	1	478.23	1	731.72	1	985.21	1	1,238.70	1	1,492.18	1	1,745.67	1	1,999.16	1	2,252.65	1	2,506.14	1	2,716.37	1		1		1	
1/4	27.06	1/4	239.55	1/4	483.51	1/4	737.00	1/4	990.49	1/4	1,243.98	1/4	1,497.46	1/4	1,750.95	1/4	2,004.44	1/4	2,257.93	1/4	2,511.42	1/4	2,718.13	1/4		1/4		1/4	
1/2	30.75	1/2	244.30	1/2	488.79	1/2	742.28	1/2	995.77	1/2	1,249.26	1/2	1,502.75	1/2	1,756.23	1/2	2,009.72	1/2	2,263.21	1/2	2,516.70	1/2	2,719.89	1/2		1/2		1/2	
3/4	34.44	3/4	249.04	3/4	494.08	3/4	747.56	3/4	1,001.05	3/4	1,254.54	3/4	1,508.03	3/4	1,761.51	3/4	2,015.00	3/4	2,268.49	3/4	2,521.98	3/4	2,721.65	3/4		3/4		3/4	
2	38.13	2	253.78	2	499.36	2	752.84	2	1,006.33	2	1,259.82	2	1,513.31	2	1,766.80	2	2,020.28	2	2,273.77	2	2,527.26	2	2,723.41	2		2		2	
1/4	42.28	1/4	258.52	1/4	504.64	1/4	758.12	1/4	1,011.61	1/4	1,265.10	1/4	1,518.59	1/4	1,772.08	1/4	2,025.56	1/4	2,279.05	1/4	2,532.54	1/4	2,725.17	1/4		1/4		1/4	
1/2	46.42	1/2	263.26	1/2	509.92	1/2	763.41	1/2	1,016.89	1/2	1,270.38	1/2	1,523.87	1/2	1,777.36	1/2	2,030.85	1/2	2,284.33	1/2	2,537.82	1/2	2,726.93	1/2		1/2		1/2	
3/4	50.56	3/4	268.01	3/4	515.20	3/4	768.69	3/4	1,022.17	3/4	1,275.66	3/4	1,529.15	3/4	1,782.64	3/4	2,036.13	3/4	2,289.61	3/4	2,543.10	3/4	2,727.68	3/4		3/4		3/4	
3	54.70	3	272.75	3	520.48	3	773.97	3	1,027.46	3	1,280.94	3	1,534.43	3	1,787.92	3	2,041.41	3	2,294.90	3	2,548.38	3	2,728.43	3		3		3	
1/4	58.85	1/4	277.49	1/4	525.76	1/4	779.25	1/4	1,032.74	1/4	1,286.22	1/4	1,539.71	1/4	1,793.20	1/4	2,046.69	1/4	2,300.18	1/4	2,553.66	1/4	2,729.19	1/4		1/4		1/4	
1/2	62.99	1/2	282.23	1/2	531.04	1/2	784.53	1/2	1,038.02	1/2	1,291.51	1/2	1,544.99	1/2	1,798.48	1/2	2,051.97	1/2	2,305.46	1/2	2,558.95	1/2	2,729.94	1/2		1/2		1/2	
3/4	67.13	3/4	286.97	3/4	536.32	3/4	789.81	3/4	1,043.30	3/4	1,296.79	3/4	1,550.27	3/4	1,803.76	3/4	2,057.25	3/4	2,310.74	3/4	2,564.23	3/4	2,730.70	3/4		3/4		3/4	
4	71.28	4	291.72	4	541.60	4	795.09	4	1,048.58	4	1,302.07	4	1,555.56	4	1,809.04	4	2,062.53	4	2,316.02	4	2,569.51	4	2,731.45	4		4		4	
1/4	75.72	1/4	296.85	1/4	546.88	1/4	800.37	1/4	1,053.86	1/4	1,307.35	1/4	1,560.84	1/4	1,814.32	1/4	2,067.81	1/4	2,321.30	1/4	2,574.79	1/4	2,732.20	1/4		1/4		1/4	
1/2	80.16	1/2	301.98	1/2	552.17	1/2	805.65	1/2	1,059.14	1/2	1,312.63	1/2	1,566.12	1/2	1,819.61	1/2	2,073.09	1/2	2,326.58	1/2	2,580.07	1/2	2,732.96	1/2		1/2		1/2	
3/4	84.61	3/4	307.11	3/4	557.45	3/4	810.93	3/4	1,064.42	3/4	1,317.91	3/4	1,571.40	3/4	1,824.89	3/4	2,078.37	3/4	2,331.86	3/4	2,585.35	3/4	2,733.08	3/4		3/4		3/4	
5	89.05	5	312.24	5	562.73	5	816.22	5	1,069.70	5	1,323.19	5	1,576.68	5	1,830.17	5	2,083.66	5	2,337.14	5	2,590.63	5	2,733.21	5		5		5	
1/4	93.49	1/4	317.37	1/4	568.01	1/4	821.50	1/4	1,074.98	1/4	1,328.47	1/4	1,581.96	1/4	1,835.45	1/4	2,088.94	1/4	2,342.42	1/4	2,595.91	1/4		1/4		1/4		1/4	
1/2	97.93	1/2	322.50	1/2	573.29	1/2	826.78	1/2	1,080.27	1/2	1,333.75	1/2	1,587.24	1/2	1,840.73	1/2	2,094.22	1/2	2,347.71	1/2	2,601.19	1/2		1/2		1/2		1/2	
3/4	102.38	3/4	327.63	3/4	578.57	3/4	832.06	3/4	1,085.55	3/4	1,339.03	3/4	1,592.52	3/4	1,846.01	3/4	2,099.50	3/4	2,352.99	3/4	2,606.47	3/4		3/4		3/4		3/4	
6	106.82	6	332.76	6	583.85	6	837.34	6	1,090.83	6	1,344.32	6	1,597.80	6	1,851.29	6	2,104.78	6	2,358.27	6	2,611.76	6		6		6		6	
1/4	111.26	1/4	337.90	1/4	589.13	1/4	842.62	1/4	1,096.11	1/4	1,349.60	1/4	1,603.08	1/4	1,856.57	1/4	2,110.06	1/4	2,363.55	1/4	2,617.04	1/4		1/4		1/4		1/4	
1/2	115.71	1/2	343.03	1/2	594.41	1/2	847.90	1/2	1,101.39	1/2	1,354.88	1/2	1,608.37	1/2	1,861.85	1/2	2,115.34	1/2	2,368.83	1/2	2,622.32	1/2		1/2		1/2		1/2	
3/4	120.15	3/4	348.16	3/4	599.69	3/4	853.18	3/4	1,106.67	3/4	1,360.16	3/4	1,613.65	3/4	1,867.13	3/4	2,120.62	3/4	2,374.11	3/4	2,627.10	3/4		3/4		3/4		3/4	
7	124.59	7	353.29	7	604.98	7	858.46	7	1,111.95	7	1,365.44	7	1,618.93	7	1,872.42	7	2,125.90	7	2,379.39	7	2,631.87	7		7		7		7	
1/4	129.04	1/4	358.42	1/4	610.26	1/4	863.74	1/4	1,117.23	1/4	1,370.72	1/4	1,624.21	1/4	1,877.70	1/4	2,131.18	1/4	2,384.67	1/4	2,636.65	1/4		1/4		1/4		1/4	
1/2	133.48	1/2	363.55	1/2	615.54	1/2	869.03	1/2	1,122.51	1/2	1,376.00	1/2	1,629.49	1/2	1,882.98	1/2	2,136.47	1/2	2,389.95	1/2	2,641.43	1/2		1/2		1/2		1/2	
3/4	137.92	3/4	368.68	3/4	620.82	3/4	874.31	3/4	1,127.79	3/4	1,381.28	3/4	1,634.77	3/4	1,888.26	3/4	2,141.75	3/4	2,395.23	3/4	2,646.21	3/4		3/4		3/4		3/4	
8	142.36	8	373.81	8	626.10	8	879.59	8	1,133.08	8	1,386.56	8	1,640.05	8	1,893.54	8	2,147.03	8	2,400.52	8	2,650.99	8		8		8		8	
1/4	146.81	1/4	378.94	1/4	631.38	1/4	884.87	1/4	1,138.36	1/4	1,391.84	1/4	1,645.33	1/4	1,898.82	1/4	2,152.31	1/4	2,405.80	1/4	2,655.76	1/4		1/4		1/4		1/4	
1/2	151.25	1/2	384.07	1/2	636.66	1/2	890.15	1/2	1,143.64	1/2	1,397.13	1/2	1,650.61	1/2	1,904.10	1/2	2,157.59	1/2	2,411.08	1/2	2,660.54	1/2		1/2		1/2		1/2	
3/4	155.69	3/4	389.21	3/4	641.94	3/4	895.43	3/4	1,148.92	3/4	1,402.41	3/4	1,655.89	3/4	1,909.38	3/4	2,162.87	3/4	2,416.36	3/4	2,664.31	3/4		3/4		3/4		3/4	
9	160.14	9	394.34	9	647.22	9	900.71	9	1,154.20	9	1,407.69	9	1,661.18	9	1,914.66	9	2,168.15	9	2,421.64	9	2,668.09	9		9		9		9	
1/4	164.58	1/4	399.47	1/4	652.50	1/4	905.99	1/4	1,159.48	1/4	1,412.97	1/4	1,666.46	1/4	1,919.94	1/4	2,173.43	1/4	2,426.92	1/4	2,671.86	1/4		1/4		1/4		1/4	
1/2	169.02	1/2	404.60	1/2	657.79	1/2	911.27	1/2	1,164.76	1/2	1,418.25	1/2	1,671.74	1/2	1,925.23	1/2	2,178.71	1/2	2,432.20	1/2	2,675.63	1/2		1/2		1/2		1/2	
3/4	173.47	3/4	409.73	3/4	663.07	3/4	916.55	3/4	1,170.04	3/4	1,423.53	3/4	1,677.02	3/4	1,930.51	3/4	2,183.99	3/4	2,437.48	3/4	2,679.40	3/4		3/4		3/4		3/4	
10	177.91	10	414.86	10	668.35	10	921.84	10	1,175.32	10	1,428.81	10	1,682.30	10	1,935.79	10	2,189.28	10	2,442.76	10	2,683.17	10		10		10		10	
1/4	182.65	1/4	420.14	1/4	673.63	1/4	927.12	1/4	1,180.60	1/4	1,434.09	1/4	1,687.58	1/4	1,941.07	1/4	2,194.56	1/4	2,448.04	1/4	2,688.95	1/4		1/4		1/4		1/4	
1/2	187.39	1/2	425.42	1/2	678.91	1/2	932.40	1/2	1,185.89	1/2	1,439.37	1/2	1,692.86	1/2	1,94														



**BARGE "MM-32"
MAGNOLIA MARINE**

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4586

	0 FT.	1 FT.	2 FT.	3 FT.	4 FT.	5 FT.	6 FT.	7 FT.	8 FT.	9 FT.	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.
0	11.56	274.23	552.63	831.03	1,109.43	1,387.83	1,666.23	1,944.63	2,223.03	2,501.43	2,779.83	3,023.97			
1/4	15.10	280.03	558.43	836.83	1,115.23	1,393.63	1,672.03	1,950.43	2,228.83	2,507.23	2,785.63	3,027.01			
1/2	18.63	285.83	564.23	842.63	1,121.03	1,399.43	1,677.83	1,956.23	2,234.63	2,513.03	2,791.43	3,030.04			
3/4	22.16	291.63	570.03	848.43	1,126.83	1,405.23	1,683.63	1,962.03	2,240.43	2,518.83	2,797.23	3,031.98			
1	25.69	297.43	575.83	854.23	1,132.63	1,411.03	1,689.43	1,967.83	2,246.23	2,524.63	2,803.03	3,033.91			
1/4	30.67	303.23	581.63	860.03	1,138.43	1,416.83	1,695.23	1,973.63	2,252.03	2,530.43	2,808.83	3,035.84			
1/2	35.65	309.03	587.43	865.83	1,144.23	1,422.63	1,701.03	1,979.43	2,257.83	2,536.23	2,814.63	3,037.78			
3/4	40.63	314.83	593.23	871.63	1,150.03	1,428.43	1,706.83	1,985.23	2,263.63	2,542.03	2,820.43	3,039.71			
2	45.61	320.63	599.03	877.43	1,155.83	1,434.23	1,712.63	1,991.03	2,269.43	2,547.83	2,826.23	3,041.64			
1/4	51.32	326.43	604.83	883.23	1,161.63	1,440.03	1,718.43	1,996.83	2,275.23	2,553.63	2,832.03	3,043.58			
1/2	57.02	332.23	610.63	889.03	1,167.43	1,445.83	1,724.23	2,002.63	2,281.03	2,559.43	2,837.83	3,045.51			
3/4	62.73	338.03	616.43	894.83	1,173.23	1,451.63	1,730.03	2,008.43	2,286.83	2,565.23	2,843.63	3,046.34			
3	68.44	343.83	622.23	900.63	1,179.03	1,457.43	1,735.83	2,014.23	2,292.63	2,571.03	2,849.43	3,047.16			
1/4	74.14	349.63	628.03	906.43	1,184.83	1,463.23	1,741.63	2,020.03	2,298.43	2,576.83	2,855.23	3,047.99			
1/2	79.85	355.43	633.83	912.23	1,190.63	1,469.03	1,747.43	2,025.83	2,304.23	2,582.63	2,861.03	3,048.82			
3/4	85.55	361.23	639.63	918.03	1,196.43	1,474.83	1,753.23	2,031.63	2,310.03	2,588.43	2,866.83	3,049.65			
4	91.26	367.03	645.43	923.83	1,202.23	1,480.63	1,759.03	2,037.43	2,315.83	2,594.23	2,872.63	3,050.48			
1/4	96.97	372.83	651.23	929.63	1,208.03	1,486.43	1,764.83	2,043.23	2,321.63	2,600.03	2,878.43	3,051.30			
1/2	102.67	378.63	657.03	935.43	1,213.83	1,492.23	1,770.63	2,049.03	2,327.43	2,605.83	2,884.23	3,052.13			
3/4	108.38	384.43	662.83	941.23	1,219.63	1,498.03	1,776.43	2,054.83	2,333.23	2,611.63	2,890.03	3,052.27			
5	114.08	390.23	668.63	947.03	1,225.43	1,503.83	1,782.23	2,060.63	2,339.03	2,617.43	2,895.83	3,052.41			
1/4	119.79	396.03	674.43	952.83	1,231.23	1,509.63	1,788.03	2,066.43	2,344.83	2,623.23	2,901.63				
1/2	125.50	401.83	680.23	958.63	1,237.03	1,515.43	1,793.83	2,072.23	2,350.63	2,629.03	2,907.43				
3/4	131.20	407.63	686.03	964.43	1,242.83	1,521.23	1,799.63	2,078.03	2,356.43	2,634.83	2,913.23				
6	136.91	413.43	691.83	970.23	1,248.63	1,527.03	1,805.43	2,083.83	2,362.23	2,640.63	2,919.03				
1/4	142.61	419.23	697.63	976.03	1,254.43	1,532.83	1,811.23	2,089.63	2,368.03	2,646.43	2,924.83				
1/2	148.32	425.03	703.43	981.83	1,260.23	1,538.63	1,817.03	2,095.43	2,373.83	2,652.23	2,930.63				
3/4	154.03	430.83	709.23	987.63	1,266.03	1,544.43	1,822.83	2,101.23	2,379.63	2,658.03	2,935.88				
7	159.73	436.63	715.03	993.43	1,271.83	1,550.23	1,828.63	2,107.03	2,385.43	2,663.83	2,941.12				
1/4	165.44	442.43	720.83	999.23	1,277.63	1,556.03	1,834.43	2,112.83	2,391.23	2,669.63	2,946.37				
1/2	171.14	448.23	726.63	1,005.03	1,283.43	1,561.83	1,840.23	2,118.63	2,397.03	2,675.43	2,951.62				
3/4	176.85	454.03	732.43	1,010.83	1,289.23	1,567.63	1,846.03	2,124.43	2,402.83	2,681.23	2,956.86				
8	182.56	459.83	738.23	1,016.63	1,295.03	1,573.43	1,851.83	2,130.23	2,408.63	2,687.03	2,962.11				
1/4	188.26	465.63	744.03	1,022.43	1,300.83	1,579.23	1,857.63	2,136.03	2,414.43	2,692.83	2,967.36				
1/2	193.97	471.43	749.83	1,028.23	1,306.63	1,585.03	1,863.43	2,141.83	2,420.23	2,698.63	2,972.60				
3/4	199.67	477.23	755.63	1,034.03	1,312.43	1,590.83	1,869.23	2,147.63	2,426.03	2,704.43	2,976.75				
9	205.38	483.03	761.43	1,039.83	1,318.23	1,596.63	1,875.03	2,153.43	2,431.83	2,710.23	2,980.89				
1/4	211.09	488.83	767.23	1,045.63	1,324.03	1,602.43	1,880.83	2,159.23	2,437.63	2,716.03	2,985.03				
1/2	216.79	494.63	773.03	1,051.43	1,329.83	1,608.23	1,886.63	2,165.03	2,443.43	2,721.83	2,989.17				
3/4	222.50	500.43	778.83	1,057.23	1,335.63	1,614.03	1,892.43	2,170.83	2,449.23	2,727.63	2,993.31				
10	228.20	506.23	784.63	1,063.03	1,341.43	1,619.83	1,898.23	2,176.63	2,455.03	2,733.43	2,997.46				
1/4	233.91	512.03	790.43	1,068.83	1,347.23	1,625.63	1,904.03	2,182.43	2,460.83	2,739.23	3,001.60				
1/2	239.62	517.83	796.23	1,074.63	1,353.03	1,631.43	1,909.83	2,188.23	2,466.63	2,745.03	3,005.74				
3/4	245.32	523.63	802.03	1,080.43	1,358.83	1,637.23	1,915.63	2,194.03	2,472.43	2,750.83	3,009.78				
11	251.03	529.43	807.83	1,086.23	1,364.63	1,643.03	1,921.43	2,199.83	2,478.23	2,756.63	3,011.82				
1/4	256.83	535.23	813.63	1,092.03	1,370.43	1,648.83	1,927.23	2,205.63	2,484.03	2,762.43	3,014.85				
1/2	262.63	541.03	819.43	1,097.83	1,376.23	1,654.63	1,933.03	2,211.43	2,489.83	2,768.23	3,017.89				
3/4	268.43	546.83	825.23	1,103.63	1,382.03	1,660.43	1,938.83	2,217.23	2,495.63	2,774.03	3,020.93				

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/28/08

* CAPACITY BELOW STRIKE POINT

PORT REFERENCE GAUGE HEIGHT : 11'-10 1/2" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

STAR REFERENCE GAUGE HEIGHT : 11'-10 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.

INSPECTORATE AMERICA CORPORATION



BARGE "MM-32" MAGNOLIA MARINE

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4586

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.
0	* 11.38	0	269.76	0	543.55	0	817.34	0	1,091.13	0	1,364.92	0	1,638.72	0	1,912.51	0	2,186.30	0	2,460.09	0	2,733.88	0	2,974.00	0		0		0	
1/4	14.85	1/4	275.46	1/4	549.25	1/4	823.04	1/4	1,096.84	1/4	1,370.63	1/4	1,644.42	1/4	1,918.21	1/4	2,192.00	1/4	2,465.80	1/4	2,739.59	1/4	2,976.98	1/4	1/4	1/4	1/4	1/4	1/4
1/2	18.33	1/2	281.16	1/2	554.96	1/2	828.75	1/2	1,102.54	1/2	1,378.33	1/2	1,650.12	1/2	1,923.92	1/2	2,197.71	1/2	2,471.50	1/2	2,745.29	1/2	2,979.97	1/2	1/2	1/2	1/2	1/2	1/2
3/4	21.80	3/4	286.87	3/4	560.66	3/4	834.45	3/4	1,108.24	3/4	1,382.04	3/4	1,655.83	3/4	1,929.62	3/4	2,203.41	3/4	2,477.20	3/4	2,751.00	3/4	2,981.87	3/4	3/4	3/4	3/4	3/4	3/4
1	25.27	1	292.57	1	566.36	1	840.16	1	1,113.95	1	1,387.74	1	1,661.53	1	1,935.32	1	2,209.12	1	2,482.91	1	2,756.70	1	2,983.78	1	1	1	1	1	1
1/4	30.17	1/4	298.28	1/4	572.07	1/4	845.86	1/4	1,119.65	1/4	1,393.44	1/4	1,667.24	1/4	1,941.03	1/4	2,214.82	1/4	2,488.61	1/4	2,762.40	1/4	2,985.68	1/4	1/4	1/4	1/4	1/4	1/4
1/2	35.07	1/2	303.98	1/2	577.77	1/2	851.56	1/2	1,125.36	1/2	1,399.15	1/2	1,672.94	1/2	1,946.73	1/2	2,220.52	1/2	2,494.32	1/2	2,768.11	1/2	2,987.58	1/2	1/2	1/2	1/2	1/2	1/2
3/4	39.97	3/4	309.68	3/4	583.48	3/4	857.27	3/4	1,131.06	3/4	1,404.85	3/4	1,678.64	3/4	1,952.44	3/4	2,226.23	3/4	2,500.02	3/4	2,773.81	3/4	2,989.48	3/4	3/4	3/4	3/4	3/4	3/4
2	44.87	2	315.39	2	589.18	2	862.97	2	1,136.76	2	1,410.56	2	1,684.35	2	1,958.14	2	2,231.93	2	2,505.72	2	2,779.52	2	2,991.38	2	2	2	2	2	2
1/4	50.49	1/4	321.09	1/4	594.88	1/4	868.68	1/4	1,142.47	1/4	1,416.26	1/4	1,690.05	1/4	1,963.84	1/4	2,237.64	1/4	2,511.43	1/4	2,785.22	1/4	2,993.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	56.10	1/2	326.80	1/2	600.59	1/2	874.38	1/2	1,148.17	1/2	1,421.96	1/2	1,695.76	1/2	1,969.55	1/2	2,243.34	1/2	2,517.13	1/2	2,790.92	1/2	2,995.19	1/2	1/2	1/2	1/2	1/2	1/2
3/4	61.71	3/4	332.50	3/4	606.29	3/4	880.08	3/4	1,153.88	3/4	1,427.67	3/4	1,701.46	3/4	1,975.25	3/4	2,249.04	3/4	2,522.84	3/4	2,796.63	3/4	2,996.00	3/4	3/4	3/4	3/4	3/4	3/4
3	67.32	3	338.20	3	612.00	3	885.79	3	1,159.58	3	1,433.37	3	1,707.16	3	1,980.96	3	2,254.75	3	2,528.54	3	2,802.33	3	2,996.82	3	3	3	3	3	3
1/4	72.94	1/4	343.91	1/4	617.70	1/4	891.49	1/4	1,165.28	1/4	1,439.08	1/4	1,712.87	1/4	1,986.66	1/4	2,260.45	1/4	2,534.24	1/4	2,808.04	1/4	2,997.63	1/4	1/4	1/4	1/4	1/4	1/4
1/2	78.55	1/2	349.61	1/2	623.40	1/2	897.20	1/2	1,170.99	1/2	1,444.78	1/2	1,718.57	1/2	1,992.36	1/2	2,266.16	1/2	2,539.95	1/2	2,813.74	1/2	2,998.45	1/2	1/2	1/2	1/2	1/2	1/2
3/4	84.16	3/4	355.32	3/4	629.11	3/4	902.90	3/4	1,176.69	3/4	1,450.48	3/4	1,724.28	3/4	1,998.07	3/4	2,271.86	3/4	2,545.65	3/4	2,819.44	3/4	2,999.26	3/4	3/4	3/4	3/4	3/4	3/4
4	89.78	4	361.02	4	634.81	4	908.60	4	1,182.40	4	1,456.19	4	1,729.98	4	2,003.77	4	2,277.56	4	2,551.36	4	2,825.15	4	3,000.08	4	4	4	4	4	4
1/4	95.39	1/4	366.72	1/4	640.52	1/4	914.31	1/4	1,188.10	1/4	1,461.89	1/4	1,735.68	1/4	2,009.48	1/4	2,283.27	1/4	2,557.06	1/4	2,830.85	1/4	3,000.89	1/4	1/4	1/4	1/4	1/4	1/4
1/2	101.00	1/2	372.43	1/2	646.22	1/2	920.01	1/2	1,193.80	1/2	1,467.60	1/2	1,741.39	1/2	2,015.18	1/2	2,288.97	1/2	2,562.76	1/2	2,836.56	1/2	3,001.71	1/2	1/2	1/2	1/2	1/2	1/2
3/4	106.62	3/4	378.13	3/4	651.92	3/4	925.72	3/4	1,199.51	3/4	1,473.30	3/4	1,747.09	3/4	2,020.88	3/4	2,294.68	3/4	2,568.47	3/4	2,842.26	3/4	3,001.84	3/4	3/4	3/4	3/4	3/4	3/4
5	112.23	5	383.84	5	657.63	5	931.42	5	1,205.21	5	1,479.00	5	1,752.80	5	2,026.59	5	2,300.38	5	2,574.17	5	2,847.96	5	3,001.98	5	5	5	5	5	5
1/4	117.84	1/4	389.54	1/4	663.33	1/4	937.12	1/4	1,210.92	1/4	1,484.71	1/4	1,758.50	1/4	2,032.29	1/4	2,306.08	1/4	2,579.88	1/4	2,853.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	123.45	1/2	395.24	1/2	669.04	1/2	942.83	1/2	1,216.62	1/2	1,490.41	1/2	1,764.20	1/2	2,038.00	1/2	2,311.79	1/2	2,585.58	1/2	2,859.37	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	129.07	3/4	400.95	3/4	674.74	3/4	948.53	3/4	1,222.32	3/4	1,496.12	3/4	1,769.91	3/4	2,043.70	3/4	2,317.49	3/4	2,591.28	3/4	2,865.08	3/4		3/4	3/4	3/4	3/4	3/4	3/4
6	134.68	6	406.65	6	680.44	6	954.24	6	1,228.03	6	1,501.82	6	1,775.61	6	2,049.40	6	2,323.20	6	2,596.99	6	2,870.78	6		6	6	6	6	6	6
1/4	140.29	1/4	412.36	1/4	686.15	1/4	959.94	1/4	1,233.73	1/4	1,507.52	1/4	1,781.32	1/4	2,055.11	1/4	2,328.90	1/4	2,602.69	1/4	2,876.48	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	145.91	1/2	418.06	1/2	691.85	1/2	965.64	1/2	1,239.44	1/2	1,513.23	1/2	1,787.02	1/2	2,060.81	1/2	2,334.60	1/2	2,608.40	1/2	2,882.19	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	151.52	3/4	423.76	3/4	697.56	3/4	971.35	3/4	1,245.14	3/4	1,518.93	3/4	1,792.72	3/4	2,066.52	3/4	2,340.31	3/4	2,614.10	3/4	2,887.35	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	157.13	7	429.47	7	703.26	7	977.05	7	1,250.84	7	1,524.64	7	1,798.43	7	2,072.22	7	2,346.01	7	2,619.80	7	2,892.51	7		7	7	7	7	7	7
1/4	162.75	1/4	435.17	1/4	708.96	1/4	982.76	1/4	1,256.55	1/4	1,530.34	1/4	1,804.13	1/4	2,077.92	1/4	2,351.72	1/4	2,625.51	1/4	2,897.67	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	168.36	1/2	440.88	1/2	714.67	1/2	988.46	1/2	1,262.25	1/2	1,536.04	1/2	1,809.84	1/2	2,083.63	1/2	2,357.42	1/2	2,631.21	1/2	2,902.83	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	173.97	3/4	446.58	3/4	720.37	3/4	994.16	3/4	1,267.96	3/4	1,541.75	3/4	1,815.54	3/4	2,089.33	3/4	2,363.12	3/4	2,636.92	3/4	2,907.99	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	179.58	8	452.28	8	726.08	8	999.87	8	1,273.66	8	1,547.45	8	1,821.24	8	2,095.04	8	2,368.83	8	2,642.62	8	2,913.15	8		8	8	8	8	8	8
1/4	185.20	1/4	457.99	1/4	731.78	1/4	1,005.57	1/4	1,279.36	1/4	1,553.16	1/4	1,826.95	1/4	2,100.74	1/4	2,374.53	1/4	2,648.32	1/4	2,918.32	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	190.81	1/2	463.69	1/2	737.48	1/2	1,011.28	1/2	1,285.07	1/2	1,558.86	1/2	1,832.65	1/2	2,106.44	1/2	2,380.24	1/2	2,654.03	1/2	2,923.48	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	196.42	3/4	469.40	3/4	743.19	3/4	1,016.98	3/4	1,290.77	3/4	1,564.56	3/4	1,838.36	3/4	2,112.15	3/4	2,385.94	3/4	2,659.73	3/4	2,927.55	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	202.04	9	475.10	9	748.89	9	1,022.68	9	1,296.48	9	1,570.27	9	1,844.06	9	2,117.85	9	2,391.64	9	2,665.44	9	2,931.62	9		9	9	9	9	9	9
1/4	207.65	1/4	480.80	1/4	754.60	1/4	1,028.39	1/4	1,302.18	1/4	1,575.97	1/4	1,849.76	1/4	2,123.56	1/4	2,397.35	1/4	2,671.14	1/4	2,935.70	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	213.26	1/2	486.51	1/2	760.30	1/2	1,034.09	1/2	1,307.88	1/2	1,581.68	1/2	1,855.47	1/2	2,129.26	1/2	2,403.05	1/2	2,676.84	1/2	2,939.77	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	218.88	3/4	492.21	3/4	766.00	3/4	1,039.80	3/4	1,313.59	3/4	1,587.38	3/4	1,861.17	3/4	2,134.96	3/4	2,408.76	3/4	2,682.55	3/4	2,943.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	224.49	10	497.92	10	771.71	10	1,045.50	10	1,319.29	10	1,593.08	10	1,866.88	10	2,140.67	10	2,414.46	10	2,688.25	10	2,947.92	10		10	10	10	10	10	10
1/4	230.10	1/4	503.62	1/4	777.41	1/4	1,051.20	1/4	1,325.00	1/4	1,598.79	1/4	1,872.58	1/4	2,146.37	1/4	2,420.16	1/4	2										



BARGE "MM-32" MAGNOLIA MARINE

INNAGE TABLE

4 PORT OR STAR

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

HULL NO. 4586

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	* 11.66	0	276.71	0	557.56	0	838.40	0	1,119.25	0	1,400.10	0	1,680.95	0	1,961.80	0	2,242.64	0	2,523.49	0	2,804.34	0	3,050.64	0		0		0	
1/4	15.23	1/4	282.56	1/4	563.41	1/4	844.26	1/4	1,125.10	1/4	1,405.95	1/4	1,686.80	1/4	1,967.65	1/4	2,248.50	1/4	2,529.34	1/4	2,810.19	1/4	3,053.71	1/4		1/4		1/4	
1/2	18.79	1/2	288.41	1/2	569.26	1/2	850.11	1/2	1,130.95	1/2	1,411.80	1/2	1,692.65	1/2	1,973.50	1/2	2,254.35	1/2	2,535.19	1/2	2,816.04	1/2	3,056.77	1/2		1/2		1/2	
3/4	22.35	3/4	294.26	3/4	575.11	3/4	855.96	3/4	1,136.81	3/4	1,417.65	3/4	1,698.50	3/4	1,979.35	3/4	2,260.20	3/4	2,541.05	3/4	2,821.89	3/4	3,058.72	3/4		3/4		3/4	
1	25.91	1	300.11	1	580.96	1	861.81	1	1,142.66	1	1,423.50	1	1,704.35	1	1,985.20	1	2,266.05	1	2,546.90	1	2,827.74	1	3,060.67	1		1		1	
1/4	30.94	1/4	305.96	1/4	586.81	1/4	867.66	1/4	1,148.51	1/4	1,429.36	1/4	1,710.20	1/4	1,991.05	1/4	2,271.90	1/4	2,552.75	1/4	2,833.60	1/4	3,062.62	1/4		1/4		1/4	
1/2	35.96	1/2	311.81	1/2	592.66	1/2	873.51	1/2	1,154.36	1/2	1,435.21	1/2	1,716.05	1/2	1,996.90	1/2	2,277.75	1/2	2,558.60	1/2	2,839.45	1/2	3,064.57	1/2		1/2		1/2	
3/4	40.99	3/4	317.67	3/4	598.51	3/4	879.36	3/4	1,160.21	3/4	1,441.06	3/4	1,721.91	3/4	2,002.75	3/4	2,283.60	3/4	2,564.45	3/4	2,845.30	3/4	3,066.53	3/4		3/4		3/4	
2	46.02	2	323.52	2	604.36	2	885.21	2	1,166.06	2	1,446.91	2	1,727.76	2	2,008.60	2	2,289.45	2	2,570.30	2	2,851.15	2	3,068.48	2		2		2	
1/4	51.77	1/4	329.37	1/4	610.22	1/4	891.06	1/4	1,171.91	1/4	1,452.76	1/4	1,733.61	1/4	2,014.46	1/4	2,295.30	1/4	2,576.15	1/4	2,857.00	1/4	3,070.43	1/4		1/4		1/4	
1/2	57.53	1/2	335.22	1/2	616.07	1/2	896.91	1/2	1,177.76	1/2	1,458.61	1/2	1,739.46	1/2	2,020.31	1/2	2,301.15	1/2	2,582.00	1/2	2,862.85	1/2	3,072.38	1/2		1/2		1/2	
3/4	63.29	3/4	341.07	3/4	621.92	3/4	902.77	3/4	1,183.61	3/4	1,464.46	3/4	1,745.31	3/4	2,026.16	3/4	2,307.01	3/4	2,587.85	3/4	2,868.70	3/4	3,073.21	3/4		3/4		3/4	
3	69.05	3	346.92	3	627.77	3	908.62	3	1,189.46	3	1,470.31	3	1,751.16	3	2,032.01	3	2,312.86	3	2,593.70	3	2,874.55	3	3,074.05	3		3		3	
1/4	74.81	1/4	352.77	1/4	633.62	1/4	914.47	1/4	1,195.32	1/4	1,476.16	1/4	1,757.01	1/4	2,037.86	1/4	2,318.71	1/4	2,599.56	1/4	2,880.40	1/4	3,074.89	1/4		1/4		1/4	
1/2	80.56	1/2	358.62	1/2	639.47	1/2	920.32	1/2	1,201.17	1/2	1,482.01	1/2	1,762.86	1/2	2,043.71	1/2	2,324.56	1/2	2,605.41	1/2	2,886.25	1/2	3,075.72	1/2		1/2		1/2	
3/4	86.32	3/4	364.47	3/4	645.32	3/4	926.17	3/4	1,207.02	3/4	1,487.87	3/4	1,768.71	3/4	2,049.56	3/4	2,330.41	3/4	2,611.26	3/4	2,892.11	3/4	3,076.56	3/4		3/4		3/4	
4	92.08	4	370.32	4	651.17	4	932.02	4	1,212.87	4	1,493.72	4	1,774.56	4	2,055.41	4	2,336.26	4	2,617.11	4	2,897.96	4	3,077.39	4		4		4	
1/4	97.84	1/4	376.18	1/4	657.02	1/4	937.87	1/4	1,218.72	1/4	1,499.57	1/4	1,780.42	1/4	2,061.26	1/4	2,342.11	1/4	2,622.96	1/4	2,903.81	1/4	3,078.23	1/4		1/4		1/4	
1/2	103.60	1/2	382.03	1/2	662.87	1/2	943.72	1/2	1,224.57	1/2	1,505.42	1/2	1,786.27	1/2	2,067.11	1/2	2,347.96	1/2	2,628.81	1/2	2,909.66	1/2	3,079.07	1/2		1/2		1/2	
3/4	109.35	3/4	387.88	3/4	668.73	3/4	949.57	3/4	1,230.42	3/4	1,511.27	3/4	1,792.12	3/4	2,072.97	3/4	2,353.81	3/4	2,634.66	3/4	2,915.51	3/4	3,079.21	3/4		3/4		3/4	
5	115.11	5	393.73	5	674.58	5	955.42	5	1,236.27	5	1,517.12	5	1,797.97	5	2,078.82	5	2,359.66	5	2,640.51	5	2,921.36	5	3,079.35	5		5		5	
1/4	120.87	1/4	399.58	1/4	680.43	1/4	961.28	1/4	1,242.12	1/4	1,522.97	1/4	1,803.82	1/4	2,084.67	1/4	2,365.52	1/4	2,646.36	1/4	2,927.21	1/4	3,079.49	1/4		1/4		1/4	
1/2	126.63	1/2	405.43	1/2	686.28	1/2	967.13	1/2	1,247.97	1/2	1,528.82	1/2	1,809.67	1/2	2,090.52	1/2	2,371.37	1/2	2,652.21	1/2	2,933.06	1/2	3,079.63	1/2		1/2		1/2	
3/4	132.39	3/4	411.28	3/4	692.13	3/4	972.98	3/4	1,253.83	3/4	1,534.67	3/4	1,815.52	3/4	2,096.37	3/4	2,377.22	3/4	2,658.07	3/4	2,938.91	3/4	3,079.77	3/4		3/4		3/4	
6	138.14	6	417.13	6	697.98	6	978.83	6	1,259.68	6	1,540.52	6	1,821.37	6	2,102.22	6	2,383.07	6	2,663.92	6	2,944.76	6		6		6		6	
1/4	143.90	1/4	422.98	1/4	703.83	1/4	984.68	1/4	1,265.53	1/4	1,546.38	1/4	1,827.22	1/4	2,108.07	1/4	2,388.92	1/4	2,669.77	1/4	2,950.62	1/4		1/4		1/4		1/4	
1/2	149.66	1/2	428.83	1/2	709.68	1/2	990.53	1/2	1,271.38	1/2	1,552.23	1/2	1,833.07	1/2	2,113.92	1/2	2,394.77	1/2	2,675.62	1/2	2,956.47	1/2		1/2		1/2		1/2	
3/4	155.42	3/4	434.69	3/4	715.53	3/4	996.38	3/4	1,277.23	3/4	1,558.08	3/4	1,838.93	3/4	2,119.77	3/4	2,400.62	3/4	2,681.47	3/4	2,962.32	3/4		3/4		3/4		3/4	
7	161.18	7	440.54	7	721.38	7	1,002.23	7	1,283.08	7	1,563.93	7	1,844.78	7	2,125.62	7	2,406.47	7	2,687.32	7	2,967.05	7		7		7		7	
1/4	166.93	1/4	446.39	1/4	727.24	1/4	1,008.08	1/4	1,288.93	1/4	1,569.78	1/4	1,850.63	1/4	2,131.48	1/4	2,412.32	1/4	2,693.17	1/4	2,972.35	1/4		1/4		1/4		1/4	
1/2	172.69	1/2	452.24	1/2	733.09	1/2	1,013.93	1/2	1,294.78	1/2	1,575.63	1/2	1,856.48	1/2	2,137.33	1/2	2,418.17	1/2	2,699.02	1/2	2,977.64	1/2		1/2		1/2		1/2	
3/4	178.45	3/4	458.09	3/4	738.94	3/4	1,019.79	3/4	1,300.63	3/4	1,581.48	3/4	1,862.33	3/4	2,143.18	3/4	2,424.03	3/4	2,704.87	3/4	2,982.94	3/4		3/4		3/4		3/4	
8	184.21	8	463.94	8	744.79	8	1,025.64	8	1,306.48	8	1,587.33	8	1,868.18	8	2,149.03	8	2,429.88	8	2,710.72	8	2,988.23	8		8		8		8	
1/4	189.97	1/4	469.79	1/4	750.64	1/4	1,031.49	1/4	1,312.34	1/4	1,593.18	1/4	1,874.03	1/4	2,154.88	1/4	2,435.73	1/4	2,716.58	1/4	2,993.52	1/4		1/4		1/4		1/4	
1/2	195.72	1/2	475.64	1/2	756.49	1/2	1,037.34	1/2	1,318.19	1/2	1,599.03	1/2	1,879.88	1/2	2,160.73	1/2	2,441.58	1/2	2,722.43	1/2	2,998.82	1/2		1/2		1/2		1/2	
3/4	201.48	3/4	481.49	3/4	762.34	3/4	1,043.19	3/4	1,324.04	3/4	1,604.89	3/4	1,885.73	3/4	2,166.58	3/4	2,447.43	3/4	2,728.28	3/4	3,003.00	3/4		3/4		3/4		3/4	
9	207.24	9	487.34	9	768.19	9	1,049.04	9	1,329.89	9	1,610.74	9	1,891.58	9	2,172.43	9	2,453.28	9	2,734.13	9	3,007.18	9		9		9		9	
1/4	213.00	1/4	493.20	1/4	774.04	1/4	1,054.89	1/4	1,335.74	1/4	1,616.59	1/4	1,897.44	1/4	2,178.28	1/4	2,459.13	1/4	2,739.98	1/4	3,011.36	1/4		1/4		1/4		1/4	
1/2	218.76	1/2	499.05	1/2	779.89	1/2	1,060.74	1/2	1,341.59	1/2	1,622.44	1/2	1,903.29	1/2	2,184.13	1/2	2,464.98	1/2	2,745.83	1/2	3,015.53	1/2		1/2		1/2		1/2	
3/4	224.51	3/4	504.90	3/4	785.75	3/4	1,066.59	3/4	1,347.44	3/4	1,628.29	3/4	1,909.14	3/4	2,189.99	3/4	2,470.83	3/4	2,751.68	3/4	3,019.71	3/4		3/4		3/4		3/4	
10	230.27	10	510.75	10	791.60	10	1,072.44	10	1,353.29	10	1,634.14	10	1,914.99	10	2,195.84	10	2,476.68	10	2,757.53	10	3,023.89	10		10		10		10	
1/4	236.03	1/4	516.60	1/4	797.45	1/4	1,078.30	1/4	1,359.14	1/4	1,639.99	1/4	1,920.84	1/4	2,201.69	1/4	2,482.54	1/4	2,763.38	1/4	3,0								



BARGE "MM-32"

MAGNOLIA MARINE

HULL NO. 4586

CORRECTION TABLE FOR TRIM AFT.

FOR INNAGE GAUGES ONLY

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

NOTE: FOR TRIM FWD., REVERSE SIGNS.

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

NOTE: FOR "OUTAGE" GAUGES, REVERSE SIGNS.

DATE: 5/28/08

BY:

INSPECTORATE AMERICA CORPORATION