FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MM 34 B"
MAGNOLIA MARINE

OUTAGE TABLE

1 PORT OR STAR

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

HULL NO. 4592

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		0	3,037.95	0	2,774.65	0	2,494.66	0	2,214.36	0	1,932.70	0	1,651.04	0	1,369.37	0	1,087.71	0	806.05	0	524.38	0	247.84	0		0		0	
1/4		1/4	3,034.16	1/4	2,768.82	1/4	2,488.83	1/4	2,208.50	1/4	1,926.83	1/4	1,645.17	1/4	1,363.51	1/4	1,081.84	1/4	800.18	1/4	518.51	1/4	241.98	1/4		1/4		1/4	
1/2		1/2	3,030.38	1/2	2,762.98	1/2	2,483.00	1/2	2,202.63	1/2	1,920.96	1/2	1,639.30	1/2	1,357.64	1/2	1,075.97	1/2	794.31	1/2	512.64	1/2	236.13	1/2		1/2		1/2	
3/4		3/4	3,026.59	3/4	2,757.15	3/4	2,477.16	3/4	2,196.76	3/4	1,915.10	3/4	1,633.43	3/4	1,351.77	3/4	1,070.11	3/4	788.44	3/4	506.78	3/4	230.28	3/4		3/4		3/4	
1		1	3,022.22	1	2,751.32	1	2,471.33	1	2,190.89	1	1,909.23	1	1,627.57	1	1,345.90	1	1,064.24	1	782.57	1	500.91	1	224.43	1		1		1	
1/4		1/4	3,017.85	1/4	2,745.48	1/4	2,465.50	1/4	2,185.02	1/4	1,903.36	1/4	1,621.70	1/4	1,340.03	1/4	1,058.37	1/4	776.71	1/4	495.04	1/4	218.58	1/4		1/4		1/4	
1/2		1/2	3,013.48	1/2	2,739.65	1/2	2,459.67	1/2	2,179.16	1/2	1,897.49	1/2	1,615.83	1/2	1,334.17	1/2	1,052.50	1/2	770.84	1/2	489.17	1/2	212.72	1/2		1/2		1/2	
3/4		3/4	3,009.11	3/4	2,733.82	3/4	2,453.83	3/4	2,173.29	3/4	1,891.62	3/4	1,609.96	3/4	1,328.30	3/4	1,046.63	3/4	764.97	3/4	483.30	3/4	206.87	3/4		3/4		3/4	
2		2	3,004.16	2	2,727.98	2	2,448.00	2	2,167.42	2	1,885.76	2	1,604.09	2	1,322.43	2	1,040.77	2	759.10	2	477.44	2	201.02	2		2		2	
1/4		1/4	2,999.21	1/4	2,722.15	1/4	2,442.17	1/4	2,161.55	1/4	1,879.89	1/4	1,598.23	1/4	1,316.56	1/4	1,034.90	1/4	753.23	1/4	471.57	1/4	195.17	1/4		1/4		1/4	
1/2		1/2	2,994.25	1/2	2,716.32	1/2	2,436.33	1/2	2,155.68	1/2	1,874.02	1/2	1,592.36	1/2	1,310.69	1/2	1,029.03	1/2	747.36	1/2	465.70	1/2	189.32	1/2		1/2		1/2	
3/4		3/4	2,989.30	3/4	2,710.49	3/4	2,430.50	3/4	2,149.82	3/4	1,868.15	3/4	1,586.49	3/4	1,304.83	3/4	1,023.16	3/4	741.50	3/4	459.83	3/4	183.46	3/4		3/4		3/4	
3		3	2,983.76	3	2,704.65	3	2,424.67	3	2,143.95	3	1,862.28	3	1,580.62	3	1,298.96	3	1,017.29	3	735.63	3	453.96	3	177.61	3		3		3	
1/4		1/4	2,978.22	1/4	2,698.82	1/4	2,418.83	1/4	2,138.08	1/4	1,856.42	1/4	1,574.75	1/4	1,293.09	1/4	1,011.43	1/4	729.76	1/4	448.10	1/4	171.76	1/4		1/4		1/4	
1/2		1/2	2,972.68	1/2	2,692.99	1/2	2,413.00	1/2	2,132.21	1/2	1,850.55	1/2	1,568.89	1/2	1,287.22	1/2	1,005.56	1/2	723.89	1/2	442.23	1/2	165.91	1/2		1/2		1/2	
3/4		3/4	2,967.14	3/4	2,687.15	3/4	2,407.17	3/4	2,126.34	3/4	1,844.68	3/4	1,563.02	3/4	1,281.35	3/4	999.69	3/4	718.02	3/4	436.36	3/4	160.06	3/4		3/4		3/4	
4		4	2,961.30	4	2,681.32	4	2,401.34	4	2,120.48	4	1,838.81	4	1,557.15	4	1,275.49	4	993.82	4	712.16	4	430.49	4	154.20	4		4		4	
1/4		1/4	2,955.47	1/4	2,675.49	1/4	2,395.50	1/4	2,114.61	1/4	1,832.94	1/4	1,551.28	1/4	1,269.62	1/4	987.95	1/4	706.29	1/4	424.62	1/4	148.35	1/4		1/4		1/4	
1/2		1/2	2,949.64	1/2	2,669.65	1/2	2,389.67	1/2	2,108.74	1/2	1,827.08	1/2	1,545.41	1/2	1,263.75	1/2	982.09	1/2	700.42	1/2	418.76	1/2	142.50	1/2		1/2		1/2	
3/4		3/4	2,943.81	3/4	2,663.82	3/4	2,383.84	3/4	2,102.87	3/4	1,821.21	3/4	1,539.55	3/4	1,257.88	3/4	976.22	3/4	694.55	3/4	412.89	3/4	136.65	3/4		3/4		3/4	
5		5	2,937.97	5	2,657.99	5	2,378.00	5	2,097.00	5	1,815.34	5	1,533.68	5	1,252.01	5	970.35	5	688.68	5	407.62	5	130.80	5		5		5	
1/4		1/4	2,932.14	1/4	2,652.15	1/4	2,372.17	1/4	2,091.14	1/4	1,809.47	1/4	1,527.81	1/4	1,246.15	1/4	964.48	1/4	682.82	1/4	402.35	1/4	124.94	1/4		1/4		1/4	
1/2		1/2	2,926.31	1/2	2,646.32	1/2	2,366.34	1/2	2,085.27	1/2	1,803.60	1/2	1,521.94	1/2	1,240.28	1/2	958.61	1/2	676.95	1/2	397.08	1/2	119.09	1/2		1/2		1/2	
3/4	3,083.39	3/4	2,920.47	3/4	2,640.49	3/4	2,360.50	3/4	2,079.40	3/4	1,797.74	3/4	1,516.07	3/4	1,234.41	3/4	952.75	3/4	671.08	3/4	391.81	3/4	113.24	3/4		3/4		3/4	
6	3,083.12	6	2,914.64	6	2,634.66	6	2,354.67	6	2,073.53	6	1,791.87	6	1,510.21	6	1,228.54	6	946.88	6	665.21	6	386.54	6	107.39	6		6		6	
1/4	3,082.85	1/4	2,908.81	1/4	2,628.82	1/4	2,348.84	1/4	2,067.66	1/4	1,786.00	1/4	1,504.34	1/4	1,222.67	1/4	941.01	1/4	659.34	1/4	381.27	1/4	101.54	1/4		1/4		1/4	
1/2	3,082.57	1/2	2,902.97	1/2	2,622.99	1/2	2,343.01	1/2	2,061.80	1/2	1,780.13	1/2	1,498.47	1/2	1,216.81	1/2	935.14	1/2	653.48	1/2	376.00	1/2	95.68	1/2		1/2		1/2	
3/4	3,082.30	3/4	2,897.14	3/4	2,617.16	3/4	2,337.17	3/4	2,055.93	3/4	1,774.26	3/4	1,492.60	3/4	1,210.94	3/4	929.27	3/4	647.61	3/4	370.73	3/4	89.83	3/4		3/4		3/4	
7	3,081.44	7	2,891.31	7	2,611.32	7	2,331.34	7	2,050.06	7	1,768.40	7	1,486.73	7	1,205.07	7	923.41	7	641.74	7	364.88	7	84.56	7		7		7	
1/4	3,080.59	1/4	2,885.48	1/4	2,605.49	1/4	2,325.51	1/4	2,044.19	1/4	1,762.53	1/4	1,480.87	1/4	1,199.20	1/4	917.54	1/4	635.87	1/4	359.02	1/4	79.29	1/4		1/4		1/4	
1/2	3,079.73	1/2	2,879.64	1/2	2,599.66	1/2	2,319.67	1/2	2,038.32	1/2	1,756.66	1/2	1,475.00	1/2	1,193.33	1/2	911.67	1/2	630.00	1/2	353.17	1/2	74.02	1/2		1/2		1/2	
3/4	3,078.87	3/4	2,873.81	3/4	2,593.82	3/4	2,313.84	3/4	2,032.46	3/4	1,750.79	3/4	1,469.13	3/4	1,187.47	3/4	905.80	3/4	624.14	3/4	347.32	3/4	68.75	3/4		3/4		3/4	
8	3,077.43	8	2,867.98	8	2,587.99	8	2,308.01	8	2,026.59	8	1,744.92	8	1,463.26	8	1,181.60	8	899.93	8	618.27	8	341.47	8	63.48	8		8		8	
1/4	3,075.98	1/4	2,862.14	1/4	2,582.16	1/4	2,302.17	1/4	2,020.72	1/4	1,739.06	1/4	1,457.39	1/4	1,175.73	1/4	894.07	1/4	612.40	1/4	335.62	1/4	58.21	1/4		1/4		1/4	
1/2	3,074.54	1/2	2,856.31	1/2	2,576.33	1/2	2,296.34	1/2	2,014.85	1/2	1,733.19	1/2	1,451.53	1/2	1,169.86	1/2	888.20	1/2	606.53	1/2	329.76	1/2	52.94	1/2		1/2		1/2	
3/4	3,073.10	3/4	2,850.48	3/4	2,570.49	3/4	2,290.51	3/4	2,008.98	3/4	1,727.32	3/4	1,445.66	3/4	1,163.99	3/4	882.33	3/4	600.66	3/4	323.91	3/4	47.67	3/4		3/4		3/4	
9	3,071.07	9	2,844.64	9	2,564.66	9	2,284.68	9	2,003.12	9	1,721.45	9	1,439.79	9	1,158.13	9	876.46	9	594.80	9	318.06	9	42.55	9		9		9	
1/4	3,069.04	1/4	2,838.81	1/4	2,558.83	1/4	2,278.84	1/4	1,997.25	1/4	1,715.58	1/4	1,433.92	1/4	1,152.26	1/4	870.59	1/4	588.93	1/4	312.21	1/4	37.43	1/4		1/4		1/4	
1/2	3,067.01	1/2	2,832.98	1/2	2,552.99	1/2	2,273.01	1/2	1,991.38	1/2	1,709.72	1/2	1,428.05	1/2	1,146.39	1/2	864.73	1/2	583.06	1/2	306.36	1/2	32.31	1/2		1/2		1/2	
3/4	3,064.99	3/4	2,827.15	3/4	2,547.16	3/4	2,267.18	3/4	1,985.51	3/4	1,703.85	3/4	1,422.19	3/4	1,140.52	3/4	858.86	3/4	577.19	3/4	300.50	3/4	27.19	3/4		3/4		3/4	
10	3,062.37	10	2,821.31	10	2,541.33	10	2,261.31	10	1,979.64	10	1,697.98	10	1,416.32	10	1,134.65	10	852.99	10	571.32	10	294.65	10	23.54	10		10		10	
1/4	3,059.76	1/4	2,815.48	1/4	2,535.49	1/4	2,255.44	1/4	1,973.78	1/4	1,692.11	1/4	1,410.45	1/4	1,128.79	1/4	847.12	1/4	565.46	1/4	288.80	1/4	19.88	1/4		1/4		1/4	
1/2	3,057.14	1/2	2,809.65	1/2	2,529.66	1/2	2,249.57	1/2	1,967.91	1/2	1,686.24	1/2	1,404.58	1/2	1,122.92	1/2	841.25	1/2	559.59	1/2	282.95	1/2	16.22	1/2		1/2		1/2	
3/4	3,054.53	3/4	2,803.81	3/4	2,523.83	3/4	2,243.70	3/4	1,962.04	3/4	1,680.38	3/4	1,398.71	3/4	1,117.05	3/4	835.39	3/4	553.72	3/4	277.10	3/4	* 12.56	3/4		3/4		3/4	
11	3,051.33	11	2,797.98	11	2,518.00	11	2,237.84	11	1,956.17	11	1,674.51	11	1,392.85	11	1,111.18	11	829.52	11	547.85	11	271.24	11		11		11		11	
1/4	3,048.13	1/4	2,792.15	1/4	2,512.16	1/4	2,231.97	1/4	1,950.30	1/4	1,668.64	1/4	1,386.98	1/4	1,105.31	1/4	823.65	1/4	541.98	1/4	265.39	1/4		1/4		1/4		1/4	
1/2	3,044.93	1/2	2,786.31	1/2	2,506.33	1/2	2,226.10	1/2	1,944.44	1/2	1,662.77	1/2	1,381.11	1/2	1,099.45	1/2	817.78	1/2	536.12	1/2	259.54	1/2		1/2		1/2		1/2	
3/4	3,041.73	3/4	2,780.48	3/4	2,500.50	3/4	2,220.23	3/4	1,938.57	3/4	1,656.91	3/4	1,375.24	3/4	1,093.58	3/4	811.91	3/4	530.25	3/4	253.69	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 7/11/08

* 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

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MM 34 B"
MAGNOLIA MARINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4592

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		0	3,280.13	0	2,994.85	0	2,691.49	0	2,388.11	0	2,084.65	0	1,781.20	0	1,477.74	0	1,174.29	0	870.83	0	567.37	0	268.44	0		0		0	
1/4		1/4	3,276.03	1/4	2,988.53	1/4	2,685.17	1/4	2,381.79	1/4	2,078.33	1/4	1,774.88	1/4	1,471.42	1/4	1,167.96	1/4	864.51	1/4	561.05	1/4	262.10	1/4		1/4		1/4	
1/2		1/2	3,271.93	1/2	2,982.21	1/2	2,678.85	1/2	2,375.47	1/2	2,072.01	1/2	1,768.55	1/2	1,465.10	1/2	1,161.64	1/2	858.19	1/2	554.73	1/2	255.76	1/2		1/2		1/2	
3/4		3/4	3,267.83	3/4	2,975.89	3/4	2,672.53	3/4	2,369.14	3/4	2,065.69	3/4	1,762.23	3/4	1,458.78	3/4	1,155.32	3/4	851.86	3/4	548.41	3/4	249.42	3/4		3/4		3/4	
1		1	3,263.09	1	2,969.57	1	2,666.21	1	2,362.82	1	2,059.37	1	1,755.91	1	1,452.45	1	1,149.00	1	845.54	1	542.09	1	243.08	1		1		1	
1/4		1/4	3,258.36	1/4	2,963.25	1/4	2,659.89	1/4	2,356.50	1/4	2,053.04	1/4	1,749.59	1/4	1,446.13	1/4	1,142.68	1/4	839.22	1/4	535.76	1/4	236.74	1/4		1/4		1/4	
1/2		1/2	3,253.62	1/2	2,956.93	1/2	2,653.57	1/2	2,350.18	1/2	2,046.72	1/2	1,743.27	1/2	1,439.81	1/2	1,136.35	1/2	832.90	1/2	529.44	1/2	230.40	1/2		1/2		1/2	
3/4		3/4	3,248.89	3/4	2,950.61	3/4	2,647.25	3/4	2,343.86	3/4	2,040.40	3/4	1,736.94	3/4	1,433.49	3/4	1,130.03	3/4	826.58	3/4	523.12	3/4	224.06	3/4		3/4		3/4	
2		2	3,243.52	2	2,944.29	2	2,640.93	2	2,337.53	2	2,034.08	2	1,730.62	2	1,427.17	2	1,123.71	2	820.25	2	516.80	2	217.72	2		2		2	
1/4		1/4	3,238.15	1/4	2,937.97	1/4	2,634.61	1/4	2,331.21	1/4	2,027.76	1/4	1,724.30	1/4	1,420.84	1/4	1,117.39	1/4	813.93	1/4	510.48	1/4	211.38	1/4		1/4		1/4	
1/2		1/2	3,232.78	1/2	2,931.65	1/2	2,628.29	1/2	2,324.89	1/2	2,021.43	1/2	1,717.98	1/2	1,414.52	1/2	1,111.07	1/2	807.61	1/2	504.15	1/2	205.04	1/2		1/2		1/2	
3/4		3/4	3,227.42	3/4	2,925.33	3/4	2,621.97	3/4	2,318.57	3/4	2,015.11	3/4	1,711.66	3/4	1,408.20	3/4	1,104.74	3/4	801.29	3/4	497.83	3/4	198.70	3/4		3/4		3/4	
3		3	3,221.42	3	2,919.01	3	2,615.65	3	2,312.25	3	2,008.79	3	1,705.33	3	1,401.88	3	1,098.42	3	794.97	3	491.51	3	192.36	3		3		3	
1/4		1/4	3,215.41	1/4	2,912.69	1/4	2,609.33	1/4	2,305.92	1/4	2,002.47	1/4	1,699.01	1/4	1,395.56	1/4	1,092.10	1/4	788.64	1/4	485.19	1/4	186.02	1/4		1/4		1/4	
1/2		1/2	3,209.41	1/2	2,906.37	1/2	2,603.01	1/2	2,299.60	1/2	1,996.15	1/2	1,692.69	1/2	1,389.23	1/2	1,085.78	1/2	782.32	1/2	478.87	1/2	179.68	1/2		1/2		1/2	
3/4		3/4	3,203.41	3/4	2,900.05	3/4	2,596.69	3/4	2,293.28	3/4	1,989.82	3/4	1,686.37	3/4	1,382.91	3/4	1,079.46	3/4	776.00	3/4	472.54	3/4	173.34	3/4		3/4		3/4	
4		4	3,197.09	4	2,893.73	4	2,590.37	4	2,286.96	4	1,983.50	4	1,680.05	4	1,376.59	4	1,073.13	4	769.68	4	466.22	4	167.00	4		4		4	
1/4		1/4	3,190.77	1/4	2,887.41	1/4	2,584.05	1/4	2,280.64	1/4	1,977.18	1/4	1,673.72	1/4	1,370.27	1/4	1,066.81	1/4	763.36	1/4	459.90	1/4	160.66	1/4		1/4		1/4	
1/2		1/2	3,184.45	1/2	2,881.09	1/2	2,577.73	1/2	2,274.31	1/2	1,970.86	1/2	1,667.40	1/2	1,363.95	1/2	1,060.49	1/2	757.03	1/2	453.58	1/2	154.32	1/2		1/2		1/2	
3/4		3/4	3,178.13	3/4	2,874.77	3/4	2,571.41	3/4	2,267.99	3/4	1,964.54	3/4	1,661.08	3/4	1,357.62	3/4	1,054.17	3/4	750.71	3/4	447.26	3/4	147.98	3/4		3/4		3/4	
5		5	3,171.81	5	2,868.45	5	2,565.09	5	2,261.67	5	1,958.21	5	1,654.76	5	1,351.30	5	1,047.85	5	744.39	5	441.55	5	141.64	5		5		5	
1/4		1/4	3,165.49	1/4	2,862.13	1/4	2,558.77	1/4	2,255.35	1/4	1,951.89	1/4	1,648.44	1/4	1,344.98	1/4	1,041.52	1/4	738.07	1/4	435.84	1/4	135.30	1/4		1/4		1/4	
1/2		1/2	3,159.17	1/2	2,855.81	1/2	2,552.45	1/2	2,249.03	1/2	1,945.57	1/2	1,642.11	1/2	1,338.66	1/2	1,035.20	1/2	731.75	1/2	430.13	1/2	128.96	1/2		1/2		1/2	
3/4	3,329.37	3/4	3,152.85	3/4	2,849.49	3/4	2,546.13	3/4	2,242.70	3/4	1,939.25	3/4	1,635.79	3/4	1,332.34	3/4	1,028.88	3/4	725.42	3/4	424.42	3/4	122.62	3/4		3/4		3/4	
6	3,329.07	6	3,146.53	6	2,843.17	6	2,539.81	6	2,236.38	6	1,932.93	6	1,629.47	6	1,326.01	6	1,022.56	6	719.10	6	418.71	6	116.28	6		6		6	
1/4	3,328.77	1/4	3,140.21	1/4	2,836.85	1/4	2,533.49	1/4	2,230.06	1/4	1,926.60	1/4	1,623.15	1/4	1,319.69	1/4	1,016.24	1/4	712.78	1/4	413.00	1/4	109.94	1/4		1/4		1/4	
1/2	3,328.48	1/2	3,133.89	1/2	2,830.53	1/2	2,527.17	1/2	2,223.74	1/2	1,920.28	1/2	1,616.83	1/2	1,313.37	1/2	1,009.91	1/2	706.46	1/2	407.29	1/2	103.60	1/2		1/2		1/2	
3/4	3,328.18	3/4	3,127.57	3/4	2,824.21	3/4	2,520.85	3/4	2,217.42	3/4	1,913.96	3/4	1,610.50	3/4	1,307.05	3/4	1,003.59	3/4	700.14	3/4	401.58	3/4	97.26	3/4		3/4		3/4	
7	3,327.25	7	3,121.25	7	2,817.89	7	2,514.53	7	2,211.09	7	1,907.64	7	1,604.18	7	1,300.73	7	997.27	7	693.81	7	395.24	7	91.55	7		7		7	
1/4	3,326.32	1/4	3,114.93	1/4	2,811.57	1/4	2,508.21	1/4	2,204.77	1/4	1,901.32	1/4	1,597.86	1/4	1,294.40	1/4	990.95	1/4	687.49	1/4	388.90	1/4	85.84	1/4		1/4		1/4	
1/2	3,325.39	1/2	3,108.61	1/2	2,805.25	1/2	2,501.89	1/2	2,198.45	1/2	1,894.99	1/2	1,591.54	1/2	1,288.08	1/2	984.63	1/2	681.17	1/2	382.56	1/2	80.13	1/2		1/2		1/2	
3/4	3,324.46	3/4	3,102.29	3/4	2,798.93	3/4	2,495.57	3/4	2,192.13	3/4	1,888.67	3/4	1,585.22	3/4	1,281.76	3/4	978.30	3/4	674.85	3/4	376.22	3/4	74.42	3/4		3/4		3/4	
8	3,322.90	8	3,095.97	8	2,792.61	8	2,489.25	8	2,185.81	8	1,882.35	8	1,578.89	8	1,275.44	8	971.98	8	668.53	8	369.88	8	68.71	8		8		8	
1/4	3,321.34	1/4	3,089.65	1/4	2,786.29	1/4	2,482.93	1/4	2,179.48	1/4	1,876.03	1/4	1,572.57	1/4	1,269.12	1/4	965.66	1/4	662.20	1/4	363.54	1/4	63.00	1/4		1/4		1/4	
1/2	3,319.77	1/2	3,083.33	1/2	2,779.97	1/2	2,476.61	1/2	2,173.16	1/2	1,869.71	1/2	1,566.25	1/2	1,262.79	1/2	959.34	1/2	655.88	1/2	357.20	1/2	57.29	1/2		1/2		1/2	
3/4	3,318.21	3/4	3,077.01	3/4	2,773.65	3/4	2,470.29	3/4	2,166.84	3/4	1,863.38	3/4	1,559.93	3/4	1,256.47	3/4	953.02	3/4	649.56	3/4	350.86	3/4	51.58	3/4		3/4		3/4	
9	3,316.01	9	3,070.69	9	2,767.33	9	2,463.97	9	2,160.52	9	1,857.06	9	1,553.61	9	1,250.15	9	946.69	9	643.24	9	344.52	9	46.03	9		9		9	
1/4	3,313.82	1/4	3,064.37	1/4	2,761.01	1/4	2,457.65	1/4	2,154.20	1/4	1,850.74	1/4	1,547.28	1/4	1,243.83	1/4	940.37	1/4	636.92	1/4	338.18	1/4	40.48	1/4		1/4		1/4	
1/2	3,311.62	1/2	3,058.05	1/2	2,754.69	1/2	2,451.33	1/2	2,147.87	1/2	1,844.42	1/2	1,540.96	1/2	1,237.51	1/2	934.05	1/2	630.59	1/2	331.84	1/2	34.94	1/2		1/2		1/2	
3/4	3,309.42	3/4	3,051.73	3/4	2,748.37	3/4	2,445.01	3/4	2,141.55	3/4	1,838.10	3/4	1,534.64	3/4	1,231.18	3/4	927.73	3/4	624.27	3/4	325.50	3/4	29.39	3/4		3/4		3/4	
10	3,306.59	10	3,045.41	10	2,742.05	10	2,438.69	10	2,135.23	10	1,831.77	10	1,528.32	10	1,224.86	10	921.41	10	617.95	10	319.16	10	25.43	10		10		10	
1/4	3,303.76	1/4	3,039.09	1/4	2,735.73	1/4	2,432.36	1/4	2,128.91	1/4	1,825.45	1/4	1,522.00	1/4	1,218.54	1/4	915.08	1/4	611.63	1/4	312.82	1/4	21.46	1/4		1/4		1/4	
1/2	3,300.93	1/2	3,032.77	1/2	2,729.41	1/2	2,426.04	1/2	2,122.59	1/2	1,819.13	1/2	1,515.67	1/2	1,212.22	1/2	908.76	1/2	605.31	1/2	306.48	1/2	17.50	1/2		1/2		1/2	
3/4	3,298.09	3/4	3,026.45	3/4	2,723.09	3/4	2,419.72	3/4	2,116.26	3/4	1,812.81	3/4	1,509.35	3/4	1,205.90	3/4	902.44	3/4	598.98	3/4	300.14	3/4	* 13.54	3/4		3/4		3/4	
11	3,294.63	11	3,020.13	11	2,716.77	11	2,413.40	11	2,109.94	11	1,806.49	11	1,503.03	11	1,199.57	11	896.12	11	592.66	11	293.80	11		11		11		11	
1/4	3,291.16	1/4	3,013.81	1/4	2,710.45	1/4	2,407.08	1/4	2,103.62	1/4	1,800.16	1/4	1,496.71	1/4	1,193.25	1/4	889.80	1/4	586.34	1/4	287.46	1/4		1/4		1/4		1/4	
1/2	3,287.69	1/2	3,007.49	1/2	2,704.13	1/2	2,400.75	1/2	2,097.30	1/2	1,793.84	1/2	1,490.39	1/2	1,186.93	1/2	883.47	1/2	580.02	1/2	281.12	1/2		1/2		1/2		1/2	
3/4	3,284.23	3/4	3,001.17	3/4	2,697.81	3/4	2,394.43	3/4	2,090.98	3/4	1,787.52	3/4	1,484.06	3/4	1,180.61	3/4	877.15	3/4	573.70	3/4	274.78	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 7/11/08

* 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

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MM 34 B"
MAGNOLIA MARINE

OUTAGE TABLE

2 STAR

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

HULL NO. 4592

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		0	3,276.03	0	2,988.53	0	2,685.17	0	2,381.79	0	2,078.33	0	1,774.88	0	1,471.42	0	1,167.96	0	864.51	0	561.05	0	262.10	0		0		0	
1/4		1/4	3,271.93	1/4	2,982.21	1/4	2,678.85	1/4	2,375.47	1/4	2,072.01	1/4	1,768.55	1/4	1,465.10	1/4	1,161.64	1/4	858.19	1/4	554.73	1/4	255.76	1/4		1/4		1/4	
1/2		1/2	3,267.83	1/2	2,975.89	1/2	2,672.53	1/2	2,369.14	1/2	2,065.69	1/2	1,762.23	1/2	1,458.78	1/2	1,155.32	1/2	851.86	1/2	548.41	1/2	249.42	1/2		1/2		1/2	
3/4		3/4	3,263.09	3/4	2,969.57	3/4	2,666.21	3/4	2,362.82	3/4	2,059.37	3/4	1,755.91	3/4	1,452.45	3/4	1,149.00	3/4	845.54	3/4	542.09	3/4	243.08	3/4		3/4		3/4	
1		1	3,258.36	1	2,963.25	1	2,659.89	1	2,356.50	1	2,053.04	1	1,749.59	1	1,446.13	1	1,142.68	1	839.22	1	535.76	1	236.74	1		1		1	
1/4		1/4	3,253.62	1/4	2,956.93	1/4	2,653.57	1/4	2,350.18	1/4	2,046.72	1/4	1,743.27	1/4	1,439.81	1/4	1,136.35	1/4	832.90	1/4	529.44	1/4	230.40	1/4		1/4		1/4	
1/2		1/2	3,248.89	1/2	2,950.61	1/2	2,647.25	1/2	2,343.86	1/2	2,040.40	1/2	1,736.94	1/2	1,433.49	1/2	1,130.03	1/2	826.58	1/2	523.12	1/2	224.06	1/2		1/2		1/2	
3/4		3/4	3,243.52	3/4	2,944.29	3/4	2,640.93	3/4	2,337.53	3/4	2,034.08	3/4	1,730.62	3/4	1,427.17	3/4	1,123.71	3/4	820.25	3/4	516.80	3/4	217.72	3/4		3/4		3/4	
2		2	3,238.15	2	2,937.97	2	2,634.61	2	2,331.21	2	2,027.76	2	1,724.30	2	1,420.84	2	1,117.39	2	813.93	2	510.48	2	211.38	2		2		2	
1/4		1/4	3,232.78	1/4	2,931.65	1/4	2,628.29	1/4	2,324.89	1/4	2,021.43	1/4	1,717.98	1/4	1,414.52	1/4	1,111.07	1/4	807.61	1/4	504.15	1/4	205.04	1/4		1/4		1/4	
1/2		1/2	3,227.42	1/2	2,925.33	1/2	2,621.97	1/2	2,318.57	1/2	2,015.11	1/2	1,711.66	1/2	1,408.20	1/2	1,104.74	1/2	801.29	1/2	497.83	1/2	198.70	1/2		1/2		1/2	
3/4		3/4	3,221.42	3/4	2,919.01	3/4	2,615.65	3/4	2,312.25	3/4	2,008.79	3/4	1,705.33	3/4	1,401.88	3/4	1,098.42	3/4	794.97	3/4	491.51	3/4	192.36	3/4		3/4		3/4	
3		3	3,215.41	3	2,912.69	3	2,609.33	3	2,305.92	3	2,002.47	3	1,699.01	3	1,395.56	3	1,092.10	3	788.64	3	485.19	3	186.02	3		3		3	
1/4		1/4	3,209.41	1/4	2,906.37	1/4	2,603.01	1/4	2,299.60	1/4	1,996.15	1/4	1,692.69	1/4	1,389.23	1/4	1,085.78	1/4	782.32	1/4	478.87	1/4	179.68	1/4		1/4		1/4	
1/2		1/2	3,203.41	1/2	2,900.05	1/2	2,596.69	1/2	2,293.28	1/2	1,989.82	1/2	1,686.37	1/2	1,382.91	1/2	1,079.46	1/2	776.00	1/2	472.54	1/2	173.34	1/2		1/2		1/2	
3/4		3/4	3,197.09	3/4	2,893.73	3/4	2,590.37	3/4	2,286.96	3/4	1,983.50	3/4	1,680.05	3/4	1,376.59	3/4	1,073.13	3/4	769.68	3/4	466.22	3/4	167.00	3/4		3/4		3/4	
4		4	3,190.77	4	2,887.41	4	2,584.05	4	2,280.64	4	1,977.18	4	1,673.72	4	1,370.27	4	1,066.81	4	763.36	4	459.90	4	160.66	4		4		4	
1/4		1/4	3,184.45	1/4	2,881.09	1/4	2,577.73	1/4	2,274.31	1/4	1,970.86	1/4	1,667.40	1/4	1,363.95	1/4	1,060.49	1/4	757.03	1/4	453.58	1/4	154.32	1/4		1/4		1/4	
1/2		1/2	3,178.13	1/2	2,874.77	1/2	2,571.41	1/2	2,267.99	1/2	1,964.54	1/2	1,661.08	1/2	1,357.62	1/2	1,054.17	1/2	750.71	1/2	447.26	1/2	147.98	1/2		1/2		1/2	
3/4		3/4	3,171.81	3/4	2,868.45	3/4	2,565.09	3/4	2,261.67	3/4	1,958.21	3/4	1,654.76	3/4	1,351.30	3/4	1,047.85	3/4	744.39	3/4	441.55	3/4	141.64	3/4		3/4		3/4	
5		5	3,165.49	5	2,862.13	5	2,558.77	5	2,255.35	5	1,951.89	5	1,648.44	5	1,344.98	5	1,041.52	5	738.07	5	435.84	5	135.30	5		5		5	
1/4		1/4	3,159.17	1/4	2,855.81	1/4	2,552.45	1/4	2,249.03	1/4	1,945.57	1/4	1,642.11	1/4	1,338.66	1/4	1,035.20	1/4	731.75	1/4	430.13	1/4	128.96	1/4		1/4		1/4	
1/2	3,329.37	1/2	3,152.85	1/2	2,849.49	1/2	2,546.13	1/2	2,242.70	1/2	1,939.25	1/2	1,635.79	1/2	1,332.34	1/2	1,028.88	1/2	725.42	1/2	424.42	1/2	122.62	1/2		1/2		1/2	
3/4	3,329.07	3/4	3,146.53	3/4	2,843.17	3/4	2,539.81	3/4	2,236.38	3/4	1,932.93	3/4	1,629.47	3/4	1,326.01	3/4	1,022.56	3/4	719.10	3/4	418.71	3/4	116.28	3/4		3/4		3/4	
6	3,328.77	6	3,140.21	6	2,836.85	6	2,533.49	6	2,230.06	6	1,926.60	6	1,623.15	6	1,319.69	6	1,016.24	6	712.78	6	413.00	6	109.94	6		6		6	
1/4	3,328.48	1/4	3,133.89	1/4	2,830.53	1/4	2,527.17	1/4	2,223.74	1/4	1,920.28	1/4	1,616.83	1/4	1,313.37	1/4	1,009.91	1/4	706.46	1/4	407.29	1/4	103.60	1/4		1/4		1/4	
1/2	3,328.18	1/2	3,127.57	1/2	2,824.21	1/2	2,520.85	1/2	2,217.42	1/2	1,913.96	1/2	1,610.50	1/2	1,307.05	1/2	1,003.59	1/2	700.14	1/2	401.58	1/2	97.26	1/2		1/2		1/2	
3/4	3,327.25	3/4	3,121.25	3/4	2,817.89	3/4	2,514.53	3/4	2,211.09	3/4	1,907.64	3/4	1,604.18	3/4	1,300.73	3/4	997.27	3/4	693.81	3/4	395.24	3/4	91.55	3/4		3/4		3/4	
7	3,326.32	7	3,114.93	7	2,811.57	7	2,508.21	7	2,204.77	7	1,901.32	7	1,597.86	7	1,294.40	7	990.95	7	687.49	7	388.90	7	85.84	7		7		7	
1/4	3,325.39	1/4	3,108.61	1/4	2,805.25	1/4	2,501.89	1/4	2,198.45	1/4	1,894.99	1/4	1,591.54	1/4	1,288.08	1/4	984.63	1/4	681.17	1/4	382.56	1/4	80.13	1/4		1/4		1/4	
1/2	3,324.46	1/2	3,102.29	1/2	2,798.93	1/2	2,495.57	1/2	2,192.13	1/2	1,888.67	1/2	1,585.22	1/2	1,281.76	1/2	978.30	1/2	674.85	1/2	376.22	1/2	74.42	1/2		1/2		1/2	
3/4	3,322.90	3/4	3,095.97	3/4	2,792.61	3/4	2,489.25	3/4	2,185.81	3/4	1,882.35	3/4	1,578.89	3/4	1,275.44	3/4	971.98	3/4	668.53	3/4	369.88	3/4	68.71	3/4		3/4		3/4	
8	3,321.34	8	3,089.65	8	2,786.29	8	2,482.93	8	2,179.48	8	1,876.03	8	1,572.57	8	1,269.12	8	965.66	8	662.20	8	363.54	8	63.00	8		8		8	
1/4	3,319.77	1/4	3,083.33	1/4	2,779.97	1/4	2,476.61	1/4	2,173.16	1/4	1,869.71	1/4	1,566.25	1/4	1,262.79	1/4	959.34	1/4	655.88	1/4	357.20	1/4	57.29	1/4		1/4		1/4	
1/2	3,318.21	1/2	3,077.01	1/2	2,773.65	1/2	2,470.29	1/2	2,166.84	1/2	1,863.38	1/2	1,559.93	1/2	1,256.47	1/2	953.02	1/2	649.56	1/2	350.86	1/2	51.58	1/2		1/2		1/2	
3/4	3,316.01	3/4	3,070.69	3/4	2,767.33	3/4	2,463.97	3/4	2,160.52	3/4	1,857.06	3/4	1,553.61	3/4	1,250.15	3/4	946.69	3/4	643.24	3/4	344.52	3/4	46.03	3/4		3/4		3/4	
9	3,313.82	9	3,064.37	9	2,761.01	9	2,457.65	9	2,154.20	9	1,850.74	9	1,547.28	9	1,243.83	9	940.37	9	636.92	9	338.18	9	40.48	9		9		9	
1/4	3,311.62	1/4	3,058.05	1/4	2,754.69	1/4	2,451.33	1/4	2,147.87	1/4	1,844.42	1/4	1,540.96	1/4	1,237.51	1/4	934.05	1/4	630.59	1/4	331.84	1/4	34.94	1/4		1/4		1/4	
1/2	3,309.42	1/2	3,051.73	1/2	2,748.37	1/2	2,445.01	1/2	2,141.55	1/2	1,838.10	1/2	1,534.64	1/2	1,231.18	1/2	927.73	1/2	624.27	1/2	325.50	1/2	29.39	1/2		1/2		1/2	
3/4	3,306.59	3/4	3,045.41	3/4	2,742.05	3/4	2,438.69	3/4	2,135.23	3/4	1,831.77	3/4	1,528.32	3/4	1,224.86	3/4	921.41	3/4	617.95	3/4	319.16	3/4	25.43	3/4		3/4		3/4	
10	3,303.76	10	3,039.09	10	2,735.73	10	2,432.36	10	2,128.91	10	1,825.45	10	1,522.00	10	1,218.54	10	915.08	10	611.63	10	312.82	10	21.46	10		10		10	
1/4	3,300.93	1/4	3,032.77	1/4	2,729.41	1/4	2,426.04	1/4	2,122.59	1/4	1,819.13	1/4	1,515.67	1/4	1,212.22	1/4	908.76	1/4	605.31	1/4	306.48	1/4	17.50	1/4		1/4		1/4	
1/2	3,298.09	1/2	3,026.45	1/2	2,723.09	1/2	2,419.72	1/2	2,116.26	1/2	1,812.81	1/2	1,509.35	1/2	1,205.90	1/2	902.44	1/2	598.98	1/2	300.14	1/2	* 13.54	1/2		1/2		1/2	
3/4	3,294.63	3/4	3,020.13	3/4	2,716.77	3/4	2,413.40	3/4	2,109.94	3/4	1,806.49	3/4	1,503.03	3/4	1,199.57	3/4	896.12	3/4	592.66	3/4	293.80	3/4		3/4		3/4		3/4	
11	3,291.16	11	3,013.81	11	2,710.45	11	2,407.08	11	2,103.62	11	1,800.16	11	1,496.71	11	1,193.25	11	889.80	11	586.34	11	287.46	11		11		11		11	
1/4	3,287.69	1/4	3,007.49	1/4	2,704.13	1/4	2,400.75	1/4	2,097.30	1/4	1,793.84	1/4	1,490.39	1/4	1,186.93	1/4	883.47	1/4	580.02	1/4	281.12	1/4		1/4		1/4		1/4	
1/2	3,284.23	1/2	3,001.17	1/2	2,697.81	1/2	2,394.43	1/2	2,090.98	1/2	1,787.52	1/2	1,484.06	1/2	1,180.61	1/2	877.15	1/2	573.70	1/2	274.78	1/2		1/2		1/2		1/2	
3/4	3,280.13	3/4	2,994.85	3/4	2,691.49	3/4	2,388.11	3/4	2,084.65	3/4	1,781.20	3/4	1,477.74	3/4	1,174.29	3/4	870.83	3/4	567.37	3/4	268.44	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 7/11/08

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-10 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.

INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MM 34 B"
MAGNOLIA MARINE

OUTAGE TABLE

3 PORT OR STAR

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

HULL NO. 4592

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		0	3,278.25	0	2,988.53	0	2,685.17	0	2,381.57	0	2,077.15	0	1,772.73	0	1,468.32	0	1,163.90	0	859.49	0	555.07	0	255.76	0		0		0	
1/4		1/4	3,274.15	1/4	2,982.21	1/4	2,678.85	1/4	2,375.22	1/4	2,070.81	1/4	1,766.39	1/4	1,461.98	1/4	1,157.56	1/4	853.14	1/4	548.73	1/4	249.42	1/4		1/4		1/4	
1/2		1/2	3,269.41	1/2	2,975.89	1/2	2,672.53	1/2	2,368.88	1/2	2,064.47	1/2	1,760.05	1/2	1,455.63	1/2	1,151.22	1/2	846.80	1/2	542.39	1/2	243.08	1/2		1/2		1/2	
3/4		3/4	3,264.68	3/4	2,969.57	3/4	2,666.21	3/4	2,362.54	3/4	2,058.12	3/4	1,753.71	3/4	1,449.29	3/4	1,144.88	3/4	840.46	3/4	536.04	3/4	236.74	3/4		3/4		3/4	
1		1	3,259.94	1	2,963.25	1	2,659.89	1	2,356.20	1	2,051.78	1	1,747.37	1	1,442.95	1	1,138.53	1	834.12	1	529.70	1	230.40	1		1		1	
1/4		1/4	3,255.21	1/4	2,956.93	1/4	2,653.57	1/4	2,349.86	1/4	2,045.44	1/4	1,741.02	1/4	1,436.61	1/4	1,132.19	1/4	827.78	1/4	523.36	1/4	224.06	1/4		1/4		1/4	
1/2		1/2	3,249.84	1/2	2,950.61	1/2	2,647.25	1/2	2,343.51	1/2	2,039.10	1/2	1,734.68	1/2	1,430.27	1/2	1,125.85	1/2	821.43	1/2	517.02	1/2	217.72	1/2		1/2		1/2	
3/4		3/4	3,244.47	3/4	2,944.29	3/4	2,640.93	3/4	2,337.17	3/4	2,032.76	3/4	1,728.34	3/4	1,423.92	3/4	1,119.51	3/4	815.09	3/4	510.68	3/4	211.38	3/4		3/4		3/4	
2		2	3,239.10	2	2,937.97	2	2,634.61	2	2,330.83	2	2,026.41	2	1,722.00	2	1,417.58	2	1,113.17	2	808.75	2	504.33	2	205.04	2		2		2	
1/4		1/4	3,233.74	1/4	2,931.65	1/4	2,628.29	1/4	2,324.49	1/4	2,020.07	1/4	1,715.66	1/4	1,411.24	1/4	1,106.82	1/4	802.41	1/4	497.99	1/4	198.70	1/4		1/4		1/4	
1/2		1/2	3,227.74	1/2	2,925.33	1/2	2,621.97	1/2	2,318.15	1/2	2,013.73	1/2	1,709.31	1/2	1,404.90	1/2	1,100.48	1/2	796.07	1/2	491.65	1/2	192.36	1/2		1/2		1/2	
3/4		3/4	3,221.73	3/4	2,919.01	3/4	2,615.65	3/4	2,311.80	3/4	2,007.39	3/4	1,702.97	3/4	1,398.56	3/4	1,094.14	3/4	789.72	3/4	485.31	3/4	186.02	3/4		3/4		3/4	
3		3	3,215.73	3	2,912.69	3	2,609.33	3	2,305.46	3	2,001.05	3	1,696.63	3	1,392.21	3	1,087.80	3	783.38	3	478.97	3	179.68	3		3		3	
1/4		1/4	3,209.73	1/4	2,906.37	1/4	2,603.01	1/4	2,299.12	1/4	1,994.70	1/4	1,690.29	1/4	1,385.87	1/4	1,081.46	1/4	777.04	1/4	472.62	1/4	173.34	1/4		1/4		1/4	
1/2		1/2	3,203.41	1/2	2,900.05	1/2	2,596.69	1/2	2,292.78	1/2	1,988.36	1/2	1,683.95	1/2	1,379.53	1/2	1,075.11	1/2	770.70	1/2	466.28	1/2	167.00	1/2		1/2		1/2	
3/4		3/4	3,197.09	3/4	2,893.73	3/4	2,590.37	3/4	2,286.44	3/4	1,982.02	3/4	1,677.60	3/4	1,373.19	3/4	1,068.77	3/4	764.36	3/4	459.94	3/4	160.66	3/4		3/4		3/4	
4		4	3,190.77	4	2,887.41	4	2,584.05	4	2,280.09	4	1,975.68	4	1,671.26	4	1,366.85	4	1,062.43	4	758.01	4	453.60	4	154.32	4		4		4	
1/4		1/4	3,184.45	1/4	2,881.09	1/4	2,577.73	1/4	2,273.75	1/4	1,969.34	1/4	1,664.92	1/4	1,360.50	1/4	1,056.09	1/4	751.67	1/4	447.26	1/4	147.98	1/4		1/4		1/4	
1/2		1/2	3,178.13	1/2	2,874.77	1/2	2,571.41	1/2	2,267.41	1/2	1,962.99	1/2	1,658.58	1/2	1,354.16	1/2	1,049.75	1/2	745.33	1/2	441.55	1/2	141.64	1/2		1/2		1/2	
3/4		3/4	3,171.81	3/4	2,868.45	3/4	2,565.09	3/4	2,261.07	3/4	1,956.65	3/4	1,652.24	3/4	1,347.82	3/4	1,043.40	3/4	738.99	3/4	435.84	3/4	135.30	3/4		3/4		3/4	
5		5	3,165.49	5	2,862.13	5	2,558.77	5	2,254.73	5	1,950.31	5	1,645.89	5	1,341.48	5	1,037.06	5	732.65	5	430.13	5	128.96	5		5		5	
1/4	3,335.69	1/4	3,159.17	1/4	2,855.81	1/4	2,552.45	1/4	2,248.38	1/4	1,943.97	1/4	1,639.55	1/4	1,335.14	1/4	1,030.72	1/4	726.30	1/4	424.42	1/4	122.62	1/4		1/4		1/4	
1/2	3,335.39	1/2	3,152.85	1/2	2,849.49	1/2	2,546.13	1/2	2,242.04	1/2	1,937.63	1/2	1,633.21	1/2	1,328.79	1/2	1,024.38	1/2	719.96	1/2	418.71	1/2	116.28	1/2		1/2		1/2	
3/4	3,335.09	3/4	3,146.53	3/4	2,843.17	3/4	2,539.81	3/4	2,235.70	3/4	1,931.28	3/4	1,626.87	3/4	1,322.45	3/4	1,018.04	3/4	713.62	3/4	413.00	3/4	109.94	3/4		3/4		3/4	
6	3,334.80	6	3,140.21	6	2,836.85	6	2,533.49	6	2,229.36	6	1,924.94	6	1,620.53	6	1,316.11	6	1,011.69	6	707.28	6	407.29	6	103.60	6		6		6	
1/4	3,334.50	1/4	3,133.89	1/4	2,830.53	1/4	2,527.17	1/4	2,223.02	1/4	1,918.60	1/4	1,614.18	1/4	1,309.77	1/4	1,005.35	1/4	700.94	1/4	401.58	1/4	97.26	1/4		1/4		1/4	
1/2	3,333.57	1/2	3,127.57	1/2	2,824.21	1/2	2,520.85	1/2	2,216.67	1/2	1,912.26	1/2	1,607.84	1/2	1,303.43	1/2	999.01	1/2	694.59	1/2	395.24	1/2	91.55	1/2		1/2		1/2	
3/4	3,332.64	3/4	3,121.25	3/4	2,817.89	3/4	2,514.53	3/4	2,210.33	3/4	1,905.92	3/4	1,601.50	3/4	1,297.08	3/4	992.67	3/4	688.25	3/4	388.90	3/4	85.84	3/4		3/4		3/4	
7	3,331.71	7	3,114.93	7	2,811.57	7	2,508.21	7	2,203.99	7	1,899.57	7	1,595.16	7	1,290.74	7	986.33	7	681.91	7	382.56	7	80.13	7		7		7	
1/4	3,330.78	1/4	3,108.61	1/4	2,805.25	1/4	2,501.89	1/4	2,197.65	1/4	1,893.23	1/4	1,588.82	1/4	1,284.40	1/4	979.98	1/4	675.57	1/4	376.22	1/4	74.42	1/4		1/4		1/4	
1/2	3,329.22	1/2	3,102.29	1/2	2,798.93	1/2	2,495.57	1/2	2,191.31	1/2	1,886.89	1/2	1,582.47	1/2	1,278.06	1/2	973.64	1/2	669.23	1/2	369.88	1/2	68.71	1/2		1/2		1/2	
3/4	3,327.66	3/4	3,095.97	3/4	2,792.61	3/4	2,489.25	3/4	2,184.96	3/4	1,880.55	3/4	1,576.13	3/4	1,271.72	3/4	967.30	3/4	662.88	3/4	363.54	3/4	63.00	3/4		3/4		3/4	
8	3,326.09	8	3,089.65	8	2,786.29	8	2,482.93	8	2,178.62	8	1,874.21	8	1,569.79	8	1,265.37	8	960.96	8	656.54	8	357.20	8	57.29	8		8		8	
1/4	3,324.53	1/4	3,083.33	1/4	2,779.97	1/4	2,476.61	1/4	2,172.28	1/4	1,867.86	1/4	1,563.45	1/4	1,259.03	1/4	954.62	1/4	650.20	1/4	350.86	1/4	51.58	1/4		1/4		1/4	
1/2	3,322.33	1/2	3,077.01	1/2	2,773.65	1/2	2,470.29	1/2	2,165.94	1/2	1,861.52	1/2	1,557.11	1/2	1,252.69	1/2	948.27	1/2	643.86	1/2	344.52	1/2	46.03	1/2		1/2		1/2	
3/4	3,320.14	3/4	3,070.69	3/4	2,767.33	3/4	2,463.97	3/4	2,159.60	3/4	1,855.18	3/4	1,550.76	3/4	1,246.35	3/4	941.93	3/4	637.52	3/4	338.18	3/4	40.48	3/4		3/4		3/4	
9	3,317.94	9	3,064.37	9	2,761.01	9	2,457.65	9	2,153.25	9	1,848.84	9	1,544.42	9	1,240.01	9	935.59	9	631.17	9	331.84	9	34.94	9		9		9	
1/4	3,315.74	1/4	3,058.05	1/4	2,754.69	1/4	2,451.33	1/4	2,146.91	1/4	1,842.50	1/4	1,538.08	1/4	1,233.66	1/4	929.25	1/4	624.83	1/4	325.50	1/4	29.39	1/4		1/4		1/4	
1/2	3,312.91	1/2	3,051.73	1/2	2,748.37	1/2	2,444.99	1/2	2,140.57	1/2	1,836.15	1/2	1,531.74	1/2	1,227.32	1/2	922.91	1/2	618.49	1/2	319.16	1/2	25.43	1/2		1/2		1/2	
3/4	3,310.08	3/4	3,045.41	3/4	2,742.05	3/4	2,438.64	3/4	2,134.23	3/4	1,829.81	3/4	1,525.40	3/4	1,220.98	3/4	916.56	3/4	612.15	3/4	312.82	3/4	21.46	3/4		3/4		3/4	
10	3,307.25	10	3,039.09	10	2,735.73	10	2,432.30	10	2,127.89	10	1,823.47	10	1,519.05	10	1,214.64	10	910.22	10	605.81	10	306.48	10	17.50	10		10		10	
1/4	3,304.41	1/4	3,032.77	1/4	2,729.41	1/4	2,425.96	1/4	2,121.54	1/4	1,817.13	1/4	1,512.71	1/4	1,208.30	1/4	903.88	1/4	599.46	1/4	300.14	1/4	* 13.54	1/4		1/4		1/4	
1/2	3,300.95	1/2	3,026.45	1/2	2,723.09	1/2	2,419.62	1/2	2,115.20	1/2	1,810.79	1/2	1,506.37	1/2	1,201.95	1/2	897.54	1/2	593.12	1/2	293.80	1/2		1/2		1/2		1/2	
3/4	3,297.48	3/4	3,020.13	3/4	2,716.77	3/4	2,413.28	3/4	2,108.86	3/4	1,804.44	3/4	1,500.03	3/4	1,195.61	3/4	891.20	3/4	586.78	3/4	287.46	3/4		3/4		3/4		3/4	
11	3,294.01	11	3,013.81	11	2,710.45	11	2,406.93	11	2,102.52	11	1,798.10	11	1,493.69	11	1,189.27	11	884.85	11	580.44	11	281.12	11		11		11		11	
1/4	3,290.55	1/4	3,007.49	1/4	2,704.13	1/4	2,400.59	1/4	2,096.18	1/4	1,791.76	1/4	1,487.34	1/4	1,182.93	1/4	878.51	1/4	574.10	1/4	274.78	1/4		1/4		1/4		1/4	
1/2	3,286.45	1/2	3,001.17	1/2	2,697.81	1/2	2,394.25	1/2	2,089.83	1/2	1,785.42	1/2	1,481.00	1/2	1,176.59	1/2	872.17	1/2	567.75	1/2	268.44	1/2		1/2		1/2		1/2	
3/4	3,282.35	3/4	2,994.85	3/4	2,691.49	3/4	2,387.91	3/4	2,083.49	3/4	1,779.08	3/4	1,474.66	3/4	1,170.24	3/4	865.83	3/4	561.41	3/4	262.10	3/4		3/4		3/4		3/4	

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 7/11/08

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-10 1/4" (RIM OF HATCH LOCATED NEAR CENTER OF TANK)

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INSPECTORATE AMERICA CORPORATION

FORM 1/4L15W REV #2 7/98

INSPECTORATE
ISO 9002 ACCREDITED

BARGE "MM 34 B"
MAGNOLIA MARINE

OUTAGE TABLE

4 PORT OR STAR

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

HULL NO. 4592

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		0	3,263.08	0	2,973.36	0	2,670.00	0	2,366.93	0	2,064.81	0	1,762.70	0	1,460.59	0	1,158.48	0	856.37	0	554.25	0	255.76	0		0		0	
1/4		1/4	3,258.98	1/4	2,967.04	1/4	2,663.68	1/4	2,360.63	1/4	2,058.52	1/4	1,756.41	1/4	1,454.30	1/4	1,152.18	1/4	850.07	1/4	547.96	1/4	249.42	1/4		1/4		1/4	
1/2		1/2	3,254.24	1/2	2,960.72	1/2	2,657.36	1/2	2,354.34	1/2	2,052.23	1/2	1,750.11	1/2	1,448.00	1/2	1,145.89	1/2	843.78	1/2	541.67	1/2	243.08	1/2		1/2		1/2	
3/4		3/4	3,249.51	3/4	2,954.40	3/4	2,651.04	3/4	2,348.04	3/4	2,045.93	3/4	1,743.82	3/4	1,441.71	3/4	1,139.60	3/4	837.48	3/4	535.37	3/4	236.74	3/4		3/4		3/4	
1		1	3,244.77	1	2,948.08	1	2,644.72	1	2,341.75	1	2,039.64	1	1,737.53	1	1,435.41	1	1,133.30	1	831.19	1	529.08	1	230.40	1		1		1	
1/4		1/4	3,240.04	1/4	2,941.76	1/4	2,638.40	1/4	2,335.46	1/4	2,033.34	1/4	1,731.23	1/4	1,429.12	1/4	1,127.01	1/4	824.90	1/4	522.78	1/4	224.06	1/4		1/4		1/4	
1/2		1/2	3,234.67	1/2	2,935.44	1/2	2,632.08	1/2	2,329.16	1/2	2,027.05	1/2	1,724.94	1/2	1,422.83	1/2	1,120.71	1/2	818.60	1/2	516.49	1/2	217.72	1/2		1/2		1/2	
3/4		3/4	3,229.30	3/4	2,929.12	3/4	2,625.76	3/4	2,322.87	3/4	2,020.76	3/4	1,718.64	3/4	1,416.53	3/4	1,114.42	3/4	812.31	3/4	510.20	3/4	211.38	3/4		3/4		3/4	
2		2	3,223.94	2	2,922.80	2	2,619.44	2	2,316.57	2	2,014.46	2	1,712.35	2	1,410.24	2	1,108.13	2	806.01	2	503.90	2	205.04	2		2		2	
1/4		1/4	3,218.57	1/4	2,916.48	1/4	2,613.12	1/4	2,310.28	1/4	2,008.17	1/4	1,706.06	1/4	1,403.94	1/4	1,101.83	1/4	799.72	1/4	497.61	1/4	198.70	1/4		1/4		1/4	
1/2		1/2	3,212.57	1/2	2,910.16	1/2	2,606.80	1/2	2,303.99	1/2	2,001.87	1/2	1,699.76	1/2	1,397.65	1/2	1,095.54	1/2	793.43	1/2	491.31	1/2	192.36	1/2		1/2		1/2	
3/4		3/4	3,206.57	3/4	2,903.84	3/4	2,600.48	3/4	2,297.69	3/4	1,995.58	3/4	1,693.47	3/4	1,391.36	3/4	1,089.24	3/4	787.13	3/4	485.02	3/4	186.02	3/4		3/4		3/4	
3		3	3,200.56	3	2,897.52	3	2,594.16	3	2,291.40	3	1,989.29	3	1,687.17	3	1,385.06	3	1,082.95	3	780.84	3	478.73	3	179.68	3		3		3	
1/4		1/4	3,194.56	1/4	2,891.20	1/4	2,587.84	1/4	2,285.10	1/4	1,982.99	1/4	1,680.88	1/4	1,378.77	1/4	1,076.66	1/4	774.54	1/4	472.43	1/4	173.34	1/4		1/4		1/4	
1/2		1/2	3,188.24	1/2	2,884.88	1/2	2,581.52	1/2	2,278.81	1/2	1,976.70	1/2	1,674.59	1/2	1,372.47	1/2	1,070.36	1/2	768.25	1/2	466.14	1/2	167.00	1/2		1/2		1/2	
3/4		3/4	3,181.92	3/4	2,878.56	3/4	2,575.20	3/4	2,272.52	3/4	1,970.40	3/4	1,668.29	3/4	1,366.18	3/4	1,064.07	3/4	761.96	3/4	459.84	3/4	160.66	3/4		3/4		3/4	
4		4	3,175.60	4	2,872.24	4	2,568.88	4	2,266.22	4	1,964.11	4	1,662.00	4	1,359.89	4	1,057.77	4	755.66	4	453.55	4	154.32	4		4		4	
1/4		1/4	3,169.28	1/4	2,865.92	1/4	2,562.56	1/4	2,259.93	1/4	1,957.82	1/4	1,655.70	1/4	1,353.59	1/4	1,051.48	1/4	749.37	1/4	447.26	1/4	147.98	1/4		1/4		1/4	
1/2		1/2	3,162.96	1/2	2,859.60	1/2	2,556.24	1/2	2,253.63	1/2	1,951.52	1/2	1,649.41	1/2	1,347.30	1/2	1,045.19	1/2	743.07	1/2	441.55	1/2	141.64	1/2		1/2		1/2	
3/4		3/4	3,156.64	3/4	2,853.28	3/4	2,549.92	3/4	2,247.34	3/4	1,945.23	3/4	1,643.12	3/4	1,341.00	3/4	1,038.89	3/4	736.78	3/4	435.84	3/4	135.30	3/4		3/4		3/4	
5		5	3,150.32	5	2,846.96	5	2,543.60	5	2,241.05	5	1,938.93	5	1,636.82	5	1,334.71	5	1,032.60	5	730.49	5	430.13	5	128.96	5		5		5	
1/4	3,320.52	1/4	3,144.00	1/4	2,840.64	1/4	2,537.28	1/4	2,234.75	1/4	1,932.64	1/4	1,630.53	1/4	1,328.42	1/4	1,026.30	1/4	724.19	1/4	424.42	1/4	122.62	1/4		1/4		1/4	
1/2	3,320.22	1/2	3,137.68	1/2	2,834.32	1/2	2,530.96	1/2	2,228.46	1/2	1,926.35	1/2	1,624.23	1/2	1,322.12	1/2	1,020.01	1/2	717.90	1/2	418.71	1/2	116.28	1/2		1/2		1/2	
3/4	3,319.93	3/4	3,131.36	3/4	2,828.00	3/4	2,524.64	3/4	2,222.16	3/4	1,920.05	3/4	1,617.94	3/4	1,315.83	3/4	1,013.72	3/4	711.60	3/4	413.00	3/4	109.94	3/4		3/4		3/4	
6	3,319.63	6	3,125.04	6	2,821.68	6	2,518.32	6	2,215.87	6	1,913.76	6	1,611.65	6	1,309.53	6	1,007.42	6	705.31	6	407.29	6	103.60	6		6		6	
1/4	3,319.33	1/4	3,118.72	1/4	2,815.36	1/4	2,512.00	1/4	2,209.58	1/4	1,907.46	1/4	1,605.35	1/4	1,303.24	1/4	1,001.13	1/4	699.02	1/4	401.58	1/4	97.26	1/4		1/4		1/4	
1/2	3,318.40	1/2	3,112.40	1/2	2,809.04	1/2	2,505.68	1/2	2,203.28	1/2	1,901.17	1/2	1,599.06	1/2	1,296.95	1/2	994.83	1/2	692.72	1/2	395.24	1/2	91.55	1/2		1/2		1/2	
3/4	3,317.47	3/4	3,106.08	3/4	2,802.72	3/4	2,499.36	3/4	2,196.99	3/4	1,894.88	3/4	1,592.76	3/4	1,290.65	3/4	988.54	3/4	686.43	3/4	388.90	3/4	85.84	3/4		3/4		3/4	
7	3,316.54	7	3,099.76	7	2,796.40	7	2,493.04	7	2,190.69	7	1,888.58	7	1,586.47	7	1,284.36	7	982.25	7	680.13	7	382.56	7	80.13	7		7		7	
1/4	3,315.61	1/4	3,093.44	1/4	2,790.08	1/4	2,486.72	1/4	2,184.40	1/4	1,882.29	1/4	1,580.18	1/4	1,278.06	1/4	975.95	1/4	673.84	1/4	376.22	1/4	74.42	1/4		1/4		1/4	
1/2	3,314.05	1/2	3,087.12	1/2	2,783.76	1/2	2,480.40	1/2	2,178.11	1/2	1,875.99	1/2	1,573.88	1/2	1,271.77	1/2	969.66	1/2	667.55	1/2	369.88	1/2	68.71	1/2		1/2		1/2	
3/4	3,312.49	3/4	3,080.80	3/4	2,777.44	3/4	2,474.08	3/4	2,171.81	3/4	1,869.70	3/4	1,567.59	3/4	1,265.48	3/4	963.36	3/4	661.25	3/4	363.54	3/4	63.00	3/4		3/4		3/4	
8	3,310.92	8	3,074.48	8	2,771.12	8	2,467.76	8	2,165.52	8	1,863.41	8	1,561.29	8	1,259.18	8	957.07	8	654.96	8	357.20	8	57.29	8		8		8	
1/4	3,309.36	1/4	3,068.16	1/4	2,764.80	1/4	2,461.44	1/4	2,159.22	1/4	1,857.11	1/4	1,555.00	1/4	1,252.89	1/4	950.78	1/4	648.66	1/4	350.86	1/4	51.58	1/4		1/4		1/4	
1/2	3,307.16	1/2	3,061.84	1/2	2,758.48	1/2	2,455.12	1/2	2,152.93	1/2	1,850.82	1/2	1,548.71	1/2	1,246.59	1/2	944.48	1/2	642.37	1/2	344.52	1/2	46.03	1/2		1/2		1/2	
3/4	3,304.97	3/4	3,055.52	3/4	2,752.16	3/4	2,448.80	3/4	2,146.64	3/4	1,844.52	3/4	1,542.41	3/4	1,240.30	3/4	938.19	3/4	636.08	3/4	338.18	3/4	40.48	3/4		3/4		3/4	
9	3,302.77	9	3,049.20	9	2,745.84	9	2,442.48	9	2,140.34	9	1,838.23	9	1,536.12	9	1,234.01	9	931.89	9	629.78	9	331.84	9	34.94	9		9		9	
1/4	3,300.57	1/4	3,042.88	1/4	2,739.52	1/4	2,436.16	1/4	2,134.05	1/4	1,831.94	1/4	1,529.82	1/4	1,227.71	1/4	925.60	1/4	623.49	1/4	325.50	1/4	29.39	1/4		1/4		1/4	
1/2	3,297.74	1/2	3,036.56	1/2	2,733.20	1/2	2,429.87	1/2	2,127.75	1/2	1,825.64	1/2	1,523.53	1/2	1,221.42	1/2	919.31	1/2	617.19	1/2	319.16	1/2	25.43	1/2		1/2		1/2	
3/4	3,294.91	3/4	3,030.24	3/4	2,726.88	3/4	2,423.57	3/4	2,121.46	3/4	1,819.35	3/4	1,517.24	3/4	1,215.12	3/4	913.01	3/4	610.90	3/4	312.82	3/4	21.46	3/4		3/4		3/4	
10	3,292.08	10	3,023.92	10	2,720.56	10	2,417.28	10	2,115.17	10	1,813.05	10	1,510.94	10	1,208.83	10	906.72	10	604.61	10	306.48	10	17.50	10		10		10	
1/4	3,289.25	1/4	3,017.60	1/4	2,714.24	1/4	2,410.98	1/4	2,108.87	1/4	1,806.76	1/4	1,504.65	1/4	1,202.54	1/4	900.42	1/4	598.31	1/4	300.14	1/4	* 13.54	1/4		1/4		1/4	
1/2	3,285.78	1/2	3,011.28	1/2	2,707.92	1/2	2,404.69	1/2	2,102.58	1/2	1,800.47	1/2	1,498.35	1/2	1,196.24	1/2	894.13	1/2	592.02	1/2	293.80	1/2		1/2		1/2		1/2	
3/4	3,282.31	3/4	3,004.96	3/4	2,701.60	3/4	2,398.40	3/4	2,096.28	3/4	1,794.17	3/4	1,492.06	3/4	1,189.95	3/4	887.84	3/4	585.72	3/4	287.46	3/4		3/4		3/4		3/4	
11	3,278.84	11	2,998.64	11	2,695.28	11	2,392.10	11	2,089.99	11	1,787.88	11	1,485.77	11	1,183.65	11	881.54	11	579.43	11	281.12	11		11		11		11	
1/4	3,275.38	1/4	2,992.32	1/4	2,688.96	1/4	2,385.81	1/4	2,083.70	1/4	1,781.58	1/4	1,479.47	1/4	1,177.36	1/4	875.25	1/4	573.14	1/4	274.78	1/4		1/4		1/4		1/4	
1/2	3,271.28	1/2	2,986.00	1/2	2,682.64	1/2	2,379.51	1/2	2,077.40	1/2	1,775.29	1/2	1,473.18	1/2	1,171.07	1/2	868.95	1/2	566.84	1/2	268.44	1/2		1/2		1/2		1/2	
3/4	3,267.18	3/4	2,979.68	3/4	2,676.32	3/4	2,373.22	3/4	2,071.11	3/4	1,769.00	3/4	1,466.88	3/4	1,164.77	3/4	862.66	3/4	560.55	3/4	262.10	3/4		3/4		3/4		3/4	

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