



BARGE "MM 73"
MAGNOLIA MARINE

OUTAGE TABLE

1 PORT

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

HULL NO. 4492

Table with columns for gauge height (0 FT. to 14 FT.) and rows for liquid levels (0, 1/4, 1/2, 3/4). Each cell contains capacity values in barrels of 42 U.S. gallons.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/26/05

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-11 1/2" (RIM OF 6" DIA. 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 73" MAGNOLIA MARINE

OUTAGE TABLE

1 STAR

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

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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	3,937.92	0	3,616.11	0	3,249.44	0	2,882.77	0	2,516.10	0	2,149.42	0	1,782.75	0	1,416.08	0	1,049.41	0	682.74	0	328.17	0	* 16.84	0		0	
1/4		1/4	3,933.91	1/4	3,608.47	1/4	3,241.80	1/4	2,875.13	1/4	2,508.46	1/4	2,141.78	1/4	1,775.11	1/4	1,408.44	1/4	1,041.77	1/4	675.10	1/4	321.08	1/4		1/4		1/4	
1/2		1/2	3,929.90	1/2	3,600.83	1/2	3,234.16	1/2	2,867.49	1/2	2,500.82	1/2	2,134.15	1/2	1,767.47	1/2	1,400.80	1/2	1,034.13	1/2	667.46	1/2	314.00	1/2		1/2		1/2	
3/4		3/4	3,925.89	3/4	3,593.20	3/4	3,226.52	3/4	2,859.85	3/4	2,493.18	3/4	2,126.51	3/4	1,759.83	3/4	1,393.16	3/4	1,026.49	3/4	659.82	3/4	306.91	3/4		3/4		3/4	
1		1	3,921.88	1	3,585.56	1	3,218.88	1	2,852.21	1	2,485.54	1	2,118.87	1	1,752.20	1	1,385.52	1	1,018.85	1	652.18	1	299.83	1		1		1	
1/4		1/4	3,917.87	1/4	3,577.92	1/4	3,211.24	1/4	2,844.57	1/4	2,477.90	1/4	2,111.23	1/4	1,744.56	1/4	1,377.88	1/4	1,011.21	1/4	644.54	1/4	292.74	1/4		1/4		1/4	
1/2		1/2	3,913.86	1/2	3,570.28	1/2	3,203.61	1/2	2,836.93	1/2	2,470.26	1/2	2,103.59	1/2	1,736.92	1/2	1,370.25	1/2	1,003.57	1/2	636.90	1/2	285.66	1/2		1/2		1/2	
3/4		3/4	3,908.40	3/4	3,562.64	3/4	3,195.97	3/4	2,829.29	3/4	2,462.62	3/4	2,095.95	3/4	1,729.28	3/4	1,362.61	3/4	995.93	3/4	629.26	3/4	278.57	3/4		3/4		3/4	
2		2	3,902.93	2	3,555.00	2	3,188.33	2	2,821.66	2	2,454.98	2	2,088.31	2	1,721.64	2	1,354.97	2	988.30	2	621.62	2	271.49	2		2		2	
1/4		1/4	3,897.46	1/4	3,547.36	1/4	3,180.69	1/4	2,814.02	1/4	2,447.34	1/4	2,080.67	1/4	1,714.00	1/4	1,347.33	1/4	980.66	1/4	614.12	1/4	264.70	1/4		1/4		1/4	
1/2		1/2	3,891.99	1/2	3,539.72	1/2	3,173.05	1/2	2,806.38	1/2	2,439.71	1/2	2,073.03	1/2	1,706.36	1/2	1,339.69	1/2	973.02	1/2	606.62	1/2	257.92	1/2		1/2		1/2	
3/4		3/4	3,886.53	3/4	3,532.08	3/4	3,165.41	3/4	2,798.74	3/4	2,432.07	3/4	2,065.39	3/4	1,698.72	3/4	1,332.05	3/4	965.38	3/4	599.11	3/4	251.13	3/4		3/4		3/4	
3		3	3,881.06	3	3,524.44	3	3,157.77	3	2,791.10	3	2,424.43	3	2,057.76	3	1,691.08	3	1,324.41	3	957.74	3	591.61	3	244.35	3		3		3	
1/4		1/4	3,875.59	1/4	3,516.80	1/4	3,150.13	1/4	2,783.46	1/4	2,416.79	1/4	2,050.12	1/4	1,683.44	1/4	1,316.77	1/4	950.10	1/4	584.10	1/4	237.56	1/4		1/4		1/4	
1/2		1/2	3,870.13	1/2	3,509.17	1/2	3,142.49	1/2	2,775.82	1/2	2,409.15	1/2	2,042.48	1/2	1,675.81	1/2	1,309.13	1/2	942.46	1/2	576.60	1/2	230.78	1/2		1/2		1/2	
3/4		3/4	3,863.20	3/4	3,501.53	3/4	3,134.85	3/4	2,768.18	3/4	2,401.51	3/4	2,034.84	3/4	1,668.17	3/4	1,301.49	3/4	934.82	3/4	569.10	3/4	223.99	3/4		3/4		3/4	
4		4	3,856.28	4	3,493.89	4	3,127.22	4	2,760.54	4	2,393.87	4	2,027.20	4	1,660.53	4	1,293.86	4	927.18	4	561.59	4	217.21	4		4		4	
1/4		1/4	3,849.35	1/4	3,486.25	1/4	3,119.58	1/4	2,752.90	1/4	2,386.23	1/4	2,019.56	1/4	1,652.89	1/4	1,286.22	1/4	919.54	1/4	554.09	1/4	210.42	1/4		1/4		1/4	
1/2		1/2	3,842.43	1/2	3,478.61	1/2	3,111.94	1/2	2,745.27	1/2	2,378.59	1/2	2,011.92	1/2	1,645.25	1/2	1,278.58	1/2	911.91	1/2	546.58	1/2	203.64	1/2		1/2		1/2	
3/4		3/4	3,835.50	3/4	3,470.97	3/4	3,104.30	3/4	2,737.63	3/4	2,370.95	3/4	2,004.28	3/4	1,637.61	3/4	1,270.94	3/4	904.27	3/4	539.08	3/4	196.85	3/4		3/4		3/4	
5		5	3,828.58	5	3,463.33	5	3,096.66	5	2,729.99	5	2,363.32	5	1,996.64	5	1,629.97	5	1,263.30	5	896.63	5	531.58	5	190.07	5		5		5	
1/4		1/4	3,821.65	1/4	3,455.69	1/4	3,089.02	1/4	2,722.35	1/4	2,355.68	1/4	1,989.00	1/4	1,622.33	1/4	1,255.66	1/4	888.99	1/4	524.07	1/4	183.28	1/4		1/4		1/4	
1/2		1/2	3,814.73	1/2	3,448.05	1/2	3,081.38	1/2	2,714.71	1/2	2,348.04	1/2	1,981.37	1/2	1,614.69	1/2	1,248.02	1/2	881.35	1/2	516.57	1/2	176.50	1/2		1/2		1/2	
3/4		3/4	3,807.09	3/4	3,440.41	3/4	3,073.74	3/4	2,707.07	3/4	2,340.40	3/4	1,973.73	3/4	1,607.05	3/4	1,240.38	3/4	873.71	3/4	509.06	3/4	169.71	3/4		3/4		3/4	
6		6	3,799.45	6	3,432.78	6	3,066.10	6	2,699.43	6	2,332.76	6	1,966.09	6	1,599.42	6	1,232.74	6	866.07	6	501.56	6	162.93	6		6		6	
1/4		1/4	3,791.81	1/4	3,425.14	1/4	3,058.46	1/4	2,691.79	1/4	2,325.12	1/4	1,958.45	1/4	1,591.78	1/4	1,225.10	1/4	858.43	1/4	494.06	1/4	156.14	1/4		1/4		1/4	
1/2		1/2	3,784.17	1/2	3,417.50	1/2	3,050.83	1/2	2,684.15	1/2	2,317.48	1/2	1,950.81	1/2	1,584.14	1/2	1,217.47	1/2	850.79	1/2	486.55	1/2	149.36	1/2		1/2		1/2	
3/4		3/4	3,776.53	3/4	3,409.86	3/4	3,043.19	3/4	2,676.51	3/4	2,309.84	3/4	1,943.17	3/4	1,576.50	3/4	1,209.83	3/4	843.15	3/4	479.05	3/4	142.57	3/4		3/4		3/4	
7	3,975.45	7	3,768.89	7	3,402.22	7	3,035.55	7	2,668.88	7	2,302.20	7	1,935.53	7	1,568.86	7	1,202.19	7	835.52	7	471.54	7	135.79	7		7		7	
1/4	3,975.27	1/4	3,761.25	1/4	3,394.58	1/4	3,027.91	1/4	2,661.24	1/4	2,294.56	1/4	1,927.89	1/4	1,561.22	1/4	1,194.55	1/4	827.88	1/4	464.04	1/4	129.00	1/4		1/4		1/4	
1/2	3,975.09	1/2	3,753.61	1/2	3,386.94	1/2	3,020.27	1/2	2,653.60	1/2	2,286.93	1/2	1,920.25	1/2	1,553.58	1/2	1,186.91	1/2	820.24	1/2	456.54	1/2	122.22	1/2		1/2		1/2	
3/4	3,973.99	3/4	3,745.98	3/4	3,379.30	3/4	3,012.63	3/4	2,645.96	3/4	2,279.29	3/4	1,912.61	3/4	1,545.94	3/4	1,179.27	3/4	812.60	3/4	449.03	3/4	115.43	3/4		3/4		3/4	
8	3,972.90	8	3,738.34	8	3,371.66	8	3,004.99	8	2,638.32	8	2,271.65	8	1,904.98	8	1,538.30	8	1,171.63	8	804.96	8	441.53	8	108.65	8		8		8	
1/4	3,971.81	1/4	3,730.70	1/4	3,364.02	1/4	2,997.35	1/4	2,630.68	1/4	2,264.01	1/4	1,897.34	1/4	1,530.66	1/4	1,163.99	1/4	797.32	1/4	434.44	1/4	102.16	1/4		1/4		1/4	
1/2	3,970.71	1/2	3,723.06	1/2	3,356.39	1/2	2,989.71	1/2	2,623.04	1/2	2,256.37	1/2	1,889.70	1/2	1,523.03	1/2	1,156.35	1/2	789.68	1/2	427.36	1/2	95.68	1/2		1/2		1/2	
3/4	3,969.62	3/4	3,715.42	3/4	3,348.75	3/4	2,982.07	3/4	2,615.40	3/4	2,248.73	3/4	1,882.06	3/4	1,515.39	3/4	1,148.71	3/4	782.04	3/4	420.27	3/4	89.19	3/4		3/4		3/4	
9	3,968.53	9	3,707.78	9	3,341.11	9	2,974.44	9	2,607.76	9	2,241.09	9	1,874.42	9	1,507.75	9	1,141.08	9	774.40	9	413.19	9	82.71	9		9		9	
1/4	3,967.44	1/4	3,700.14	1/4	3,333.47	1/4	2,966.80	1/4	2,600.12	1/4	2,233.45	1/4	1,866.78	1/4	1,500.11	1/4	1,133.44	1/4	766.76	1/4	406.10	1/4	76.22	1/4		1/4		1/4	
1/2	3,966.34	1/2	3,692.50	1/2	3,325.83	1/2	2,959.16	1/2	2,592.49	1/2	2,225.81	1/2	1,859.14	1/2	1,492.47	1/2	1,125.80	1/2	759.13	1/2	399.02	1/2	69.74	1/2		1/2		1/2	
3/4	3,963.79	3/4	3,684.86	3/4	3,318.19	3/4	2,951.52	3/4	2,584.85	3/4	2,218.17	3/4	1,851.50	3/4	1,484.83	3/4	1,118.16	3/4	751.49	3/4	391.93	3/4	63.25	3/4		3/4		3/4	
10	3,961.24	10	3,677.22	10	3,310.55	10	2,943.88	10	2,577.21	10	2,210.54	10	1,843.86	10	1,477.19	10	1,110.52	10											



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MAGNOLIA MARINE

OUTGAGE TABLE

2 PORT OR STAR

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

HULL NO. 4492

Table with columns for height (0 FT. to 14 FT.) and corresponding capacity values in barrels. Includes a diagonal line on the left side of the table.

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

STRAPPED: 5/26/05

* CAPACITY BELOW STRIKE POINT

REFERENCE GAUGE HEIGHT : 11'-11 1/2" (RIM OF 6" DIA. HATCH LOCATED NEAR CENTER OF TANK)

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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	0	3,956.02	0	3,624.71	0	3,259.43	0	2,894.15	0	2,528.87	0	2,163.59	0	1,798.31	0	1,433.03	0	1,067.75	0	702.47	0	337.19	0		0						
1/4	1/4	3,952.03	1/4	3,617.10	1/4	3,251.82	1/4	2,886.54	1/4	2,521.26	1/4	2,155.98	1/4	1,790.70	1/4	1,425.42	1/4	1,060.14	1/4	694.86	1/4	329.58	1/4		1/4						
1/2	1/2	3,948.04	1/2	3,609.49	1/2	3,244.21	1/2	2,878.93	1/2	2,513.65	1/2	2,148.37	1/2	1,783.09	1/2	1,417.81	1/2	1,052.53	1/2	687.25	1/2	322.09	1/2		1/2						
3/4	3/4	3,944.05	3/4	3,601.88	3/4	3,236.60	3/4	2,871.32	3/4	2,506.04	3/4	2,140.76	3/4	1,775.48	3/4	1,410.20	3/4	1,044.92	3/4	679.64	3/4	314.59	3/4		3/4						
1	1	3,938.61	1	3,594.27	1	3,228.99	1	2,863.71	1	2,498.43	1	2,133.15	1	1,767.87	1	1,402.59	1	1,037.31	1	672.03	1	307.10	1		1						
1/4	1/4	3,933.17	1/4	3,586.66	1/4	3,221.38	1/4	2,856.10	1/4	2,490.82	1/4	2,125.54	1/4	1,760.26	1/4	1,394.98	1/4	1,029.70	1/4	664.42	1/4	299.60	1/4		1/4						
1/2	1/2	3,927.73	1/2	3,579.05	1/2	3,213.77	1/2	2,848.49	1/2	2,483.21	1/2	2,117.93	1/2	1,752.65	1/2	1,387.37	1/2	1,022.09	1/2	656.81	1/2	292.11	1/2		1/2						
3/4	3/4	3,922.29	3/4	3,571.44	3/4	3,206.16	3/4	2,840.88	3/4	2,475.60	3/4	2,110.32	3/4	1,745.04	3/4	1,379.76	3/4	1,014.48	3/4	649.20	3/4	284.62	3/4		3/4						
2	2	3,916.85	2	3,563.83	2	3,198.55	2	2,833.27	2	2,467.99	2	2,102.71	2	1,737.43	2	1,372.15	2	1,006.87	2	641.59	2	277.12	2		2						
1/4	1/4	3,911.41	1/4	3,556.22	1/4	3,190.94	1/4	2,825.66	1/4	2,460.38	1/4	2,095.10	1/4	1,729.82	1/4	1,364.54	1/4	999.26	1/4	633.98	1/4	269.63	1/4		1/4						
1/2	1/2	3,905.97	1/2	3,548.61	1/2	3,183.33	1/2	2,818.05	1/2	2,452.77	1/2	2,087.49	1/2	1,722.21	1/2	1,356.93	1/2	991.65	1/2	626.37	1/2	262.13	1/2		1/2						
3/4	3/4	3,900.53	3/4	3,541.00	3/4	3,175.72	3/4	2,810.44	3/4	2,445.16	3/4	2,079.88	3/4	1,714.60	3/4	1,349.32	3/4	984.04	3/4	618.76	3/4	254.64	3/4		3/4						
3	3	3,893.64	3	3,533.39	3	3,168.11	3	2,802.83	3	2,437.55	3	2,072.27	3	1,706.99	3	1,341.71	3	976.43	3	611.15	3	247.15	3		3						
1/4	1/4	3,886.75	1/4	3,525.78	1/4	3,160.50	1/4	2,795.22	1/4	2,429.94	1/4	2,064.66	1/4	1,699.38	1/4	1,334.10	1/4	968.82	1/4	603.54	1/4	239.65	1/4		1/4						
1/2	1/2	3,879.86	1/2	3,518.17	1/2	3,152.89	1/2	2,787.61	1/2	2,422.33	1/2	2,057.05	1/2	1,691.77	1/2	1,326.49	1/2	961.21	1/2	595.93	1/2	232.16	1/2		1/2						
3/4	3/4	3,872.96	3/4	3,510.56	3/4	3,145.28	3/4	2,780.00	3/4	2,414.72	3/4	2,049.44	3/4	1,684.16	3/4	1,318.88	3/4	953.60	3/4	588.32	3/4	224.66	3/4		3/4						
4	4	3,866.07	4	3,502.95	4	3,137.67	4	2,772.39	4	2,407.11	4	2,041.83	4	1,676.55	4	1,311.27	4	945.99	4	580.71	4	217.17	4		4						
1/4	1/4	3,859.18	1/4	3,495.34	1/4	3,130.06	1/4	2,764.78	1/4	2,399.50	1/4	2,034.22	1/4	1,668.94	1/4	1,303.66	1/4	938.38	1/4	573.10	1/4	209.68	1/4		1/4						
1/2	1/2	3,852.29	1/2	3,487.73	1/2	3,122.45	1/2	2,757.17	1/2	2,391.89	1/2	2,026.61	1/2	1,661.33	1/2	1,296.05	1/2	930.77	1/2	565.49	1/2	202.18	1/2		1/2						
3/4	3/4	3,845.40	3/4	3,480.12	3/4	3,114.84	3/4	2,749.56	3/4	2,384.28	3/4	2,019.00	3/4	1,653.72	3/4	1,288.44	3/4	923.16	3/4	557.88	3/4	194.69	3/4		3/4						
5	5	3,837.79	5	3,472.51	5	3,107.23	5	2,741.95	5	2,376.67	5	2,011.39	5	1,646.11	5	1,280.83	5	915.55	5	550.27	5	187.19	5		5						
1/4	1/4	3,830.18	1/4	3,464.90	1/4	3,099.62	1/4	2,734.34	1/4	2,369.06	1/4	2,003.78	1/4	1,638.50	1/4	1,273.22	1/4	907.94	1/4	542.66	1/4	179.70	1/4		1/4						
1/2	1/2	3,822.57	1/2	3,457.29	1/2	3,092.01	1/2	2,726.73	1/2	2,361.45	1/2	1,996.17	1/2	1,630.89	1/2	1,265.61	1/2	900.33	1/2	535.05	1/2	172.21	1/2		1/2						
3/4	3/4	3,814.96	3/4	3,449.68	3/4	3,084.40	3/4	2,719.12	3/4	2,353.84	3/4	1,988.56	3/4	1,623.28	3/4	1,258.00	3/4	892.72	3/4	527.44	3/4	164.71	3/4		3/4						
6	6	3,807.35	6	3,442.07	6	3,076.79	6	2,711.51	6	2,346.23	6	1,980.95	6	1,615.67	6	1,250.39	6	885.11	6	519.83	6	157.22	6		6						
1/4	1/4	4,005.35	1/4	3,799.74	1/4	3,434.46	1/4	3,069.18	1/4	2,703.90	1/4	2,338.62	1/4	1,973.34	1/4	1,608.06	1/4	877.50	1/4	512.22	1/4	149.72	1/4		1/4						
1/2	1/2	4,005.17	1/2	3,792.13	1/2	3,426.85	1/2	3,061.57	1/2	2,696.29	1/2	2,331.01	1/2	1,965.73	1/2	1,600.45	1/2	869.89	1/2	504.61	1/2	142.23	1/2		1/2						
3/4	3/4	4,004.98	3/4	3,784.52	3/4	3,419.24	3/4	3,053.96	3/4	2,688.68	3/4	2,323.40	3/4	1,958.12	3/4	1,592.84	3/4	862.28	3/4	497.00	3/4	134.74	3/4		3/4						
7	7	4,003.90	7	3,776.91	7	3,411.63	7	3,046.35	7	2,681.07	7	2,315.79	7	1,950.51	7	1,585.23	7	854.67	7	489.39	7	127.24	7		7						
1/4	1/4	4,002.81	1/4	3,769.30	1/4	3,404.02	1/4	3,038.74	1/4	2,673.46	1/4	2,308.18	1/4	1,942.90	1/4	1,577.62	1/4	847.06	1/4	481.78	1/4	119.75	1/4		1/4						
1/2	1/2	4,001.72	1/2	3,761.69	1/2	3,396.41	1/2	3,031.13	1/2	2,665.85	1/2	2,300.57	1/2	1,935.29	1/2	1,570.01	1/2	839.45	1/2	474.17	1/2	112.25	1/2		1/2						
3/4	3/4	4,000.63	3/4	3,754.08	3/4	3,388.80	3/4	3,023.52	3/4	2,658.24	3/4	2,292.96	3/4	1,927.68	3/4	1,562.40	3/4	831.84	3/4	466.56	3/4	104.76	3/4		3/4						
8	8	3,999.54	8	3,746.47	8	3,381.19	8	3,015.91	8	2,650.63	8	2,285.35	8	1,920.07	8	1,554.79	8	824.23	8	458.95	8	97.27	8		8						
1/4	1/4	3,998.46	1/4	3,738.86	1/4	3,373.58	1/4	3,008.30	1/4	2,643.02	1/4	2,277.74	1/4	1,912.46	1/4	1,547.18	1/4	816.62	1/4	451.34	1/4	89.77	1/4		1/4						
1/2	1/2	3,997.37	1/2	3,731.25	1/2	3,365.97	1/2	3,000.69	1/2	2,635.41	1/2	2,270.13	1/2	1,904.85	1/2	1,539.57	1/2	809.01	1/2	443.73	1/2	82.28	1/2		1/2						
3/4	3/4	3,996.28	3/4	3,723.64	3/4	3,358.36	3/4	2,993.08	3/4	2,627.80	3/4	2,262.52	3/4	1,897.24	3/4	1,531.96	3/4	801.40	3/4	436.12	3/4	74.78	3/4		3/4						
9	9	3,993.74	9	3,716.03	9	3,350.75	9	2,985.47	9	2,620.19	9	2,254.91	9	1,889.63	9	1,524.35	9	793.79													



BARGE "MM 73" MAGNOLIA MARINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4492

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	0	3,960.01	0	3,632.32	0	3,267.04	0	2,901.76	0	2,536.48	0	2,171.20	0	1,805.92	0	1,440.64	0	1,075.36	0	710.08	0	344.80	0		0							
1/4	1/4	3,956.02	1/4	3,624.71	1/4	3,259.43	1/4	2,894.15	1/4	2,528.87	1/4	2,163.59	1/4	1,798.31	1/4	1,433.03	1/4	1,067.75	1/4	702.47	1/4	337.19	1/4		1/4							
1/2	1/2	3,952.03	1/2	3,617.10	1/2	3,251.82	1/2	2,886.54	1/2	2,521.26	1/2	2,155.98	1/2	1,790.70	1/2	1,425.42	1/2	1,060.14	1/2	694.86	1/2	329.58	1/2		1/2							
3/4	3/4	3,948.04	3/4	3,609.49	3/4	3,244.21	3/4	2,878.93	3/4	2,513.65	3/4	2,148.37	3/4	1,783.09	3/4	1,417.81	3/4	1,052.53	3/4	687.25	3/4	322.09	3/4		3/4							
1	1	3,944.05	1	3,601.88	1	3,236.60	1	2,871.32	1	2,506.04	1	2,140.76	1	1,775.48	1	1,410.20	1	1,044.92	1	679.64	1	314.59	1		1							
1/4	1/4	3,938.61	1/4	3,594.27	1/4	3,228.99	1/4	2,863.71	1/4	2,498.43	1/4	2,133.15	1/4	1,767.87	1/4	1,402.59	1/4	1,037.31	1/4	672.03	1/4	307.10	1/4		1/4							
1/2	1/2	3,933.17	1/2	3,586.66	1/2	3,221.38	1/2	2,856.10	1/2	2,490.82	1/2	2,125.54	1/2	1,760.26	1/2	1,394.98	1/2	1,029.70	1/2	664.42	1/2	299.60	1/2		1/2							
3/4	3/4	3,927.73	3/4	3,579.05	3/4	3,213.77	3/4	2,848.49	3/4	2,483.21	3/4	2,117.93	3/4	1,752.65	3/4	1,387.37	3/4	1,022.09	3/4	656.81	3/4	292.11	3/4		3/4							
2	2	3,922.29	2	3,571.44	2	3,206.16	2	2,840.88	2	2,475.60	2	2,110.32	2	1,745.04	2	1,379.76	2	1,014.48	2	649.20	2	284.62	2		2							
1/4	1/4	3,916.85	1/4	3,563.83	1/4	3,198.55	1/4	2,833.27	1/4	2,467.99	1/4	2,102.71	1/4	1,737.43	1/4	1,372.15	1/4	1,006.87	1/4	641.59	1/4	277.12	1/4		1/4							
1/2	1/2	3,911.41	1/2	3,556.22	1/2	3,190.94	1/2	2,825.66	1/2	2,460.38	1/2	2,095.10	1/2	1,729.82	1/2	1,364.54	1/2	999.26	1/2	633.98	1/2	269.63	1/2		1/2							
3/4	3/4	3,905.97	3/4	3,548.61	3/4	3,183.33	3/4	2,818.05	3/4	2,452.77	3/4	2,087.49	3/4	1,722.21	3/4	1,356.93	3/4	991.65	3/4	626.37	3/4	262.13	3/4		3/4							
3	3	3,900.53	3	3,541.00	3	3,175.72	3	2,810.44	3	2,445.16	3	2,079.88	3	1,714.60	3	1,349.32	3	984.04	3	618.76	3	254.64	3		3							
1/4	1/4	3,893.64	1/4	3,533.39	1/4	3,168.11	1/4	2,802.83	1/4	2,437.55	1/4	2,072.27	1/4	1,706.99	1/4	1,341.71	1/4	976.43	1/4	611.15	1/4	247.15	1/4		1/4							
1/2	1/2	3,886.75	1/2	3,525.78	1/2	3,160.50	1/2	2,795.22	1/2	2,429.94	1/2	2,064.66	1/2	1,699.38	1/2	1,334.10	1/2	968.82	1/2	603.54	1/2	239.65	1/2		1/2							
3/4	3/4	3,879.86	3/4	3,518.17	3/4	3,152.89	3/4	2,787.61	3/4	2,422.33	3/4	2,057.05	3/4	1,691.77	3/4	1,326.49	3/4	961.21	3/4	595.93	3/4	232.16	3/4		3/4							
4	4	3,872.96	4	3,510.56	4	3,145.28	4	2,780.00	4	2,414.72	4	2,049.44	4	1,684.16	4	1,318.88	4	953.60	4	588.32	4	224.66	4		4							
1/4	1/4	3,866.07	1/4	3,502.95	1/4	3,137.67	1/4	2,772.39	1/4	2,407.11	1/4	2,041.83	1/4	1,676.55	1/4	1,311.27	1/4	945.99	1/4	580.71	1/4	217.17	1/4		1/4							
1/2	1/2	3,859.18	1/2	3,495.34	1/2	3,130.06	1/2	2,764.78	1/2	2,399.50	1/2	2,034.22	1/2	1,668.94	1/2	1,303.66	1/2	938.38	1/2	573.10	1/2	209.68	1/2		1/2							
3/4	3/4	3,852.29	3/4	3,487.73	3/4	3,122.45	3/4	2,757.17	3/4	2,391.89	3/4	2,026.61	3/4	1,661.33	3/4	1,296.05	3/4	930.77	3/4	565.49	3/4	202.18	3/4		3/4							
5	5	3,845.40	5	3,480.12	5	3,114.84	5	2,749.56	5	2,384.28	5	2,019.00	5	1,653.72	5	1,288.44	5	923.16	5	557.88	5	194.69	5		5							
1/4	1/4	3,837.79	1/4	3,472.51	1/4	3,107.23	1/4	2,741.95	1/4	2,376.67	1/4	2,011.39	1/4	1,646.11	1/4	1,280.83	1/4	915.55	1/4	550.27	1/4	187.19	1/4		1/4							
1/2	1/2	3,830.18	1/2	3,464.90	1/2	3,099.62	1/2	2,734.34	1/2	2,369.06	1/2	2,003.78	1/2	1,638.50	1/2	1,273.22	1/2	907.94	1/2	542.66	1/2	179.70	1/2		1/2							
3/4	3/4	3,822.57	3/4	3,457.29	3/4	3,092.01	3/4	2,726.73	3/4	2,361.45	3/4	1,996.17	3/4	1,630.89	3/4	1,265.61	3/4	900.33	3/4	535.05	3/4	172.21	3/4		3/4							
6	6	3,814.96	6	3,449.68	6	3,084.40	6	2,719.12	6	2,353.84	6	1,988.56	6	1,623.28	6	1,258.00	6	892.72	6	527.44	6	164.71	6		6							
1/4	1/4	3,807.35	1/4	3,442.07	1/4	3,076.79	1/4	2,711.51	1/4	2,346.23	1/4	1,980.95	1/4	1,615.67	1/4	1,250.39	1/4	885.11	1/4	519.83	1/4	157.22	1/4		1/4							
1/2	1/2	4,005.35	1/2	3,799.74	1/2	3,434.46	1/2	3,069.18	1/2	2,703.90	1/2	2,338.62	1/2	1,973.34	1/2	1,608.06	1/2	877.50	1/2	512.22	1/2	149.72	1/2		1/2							
3/4	3/4	4,005.17	3/4	3,792.13	3/4	3,426.85	3/4	3,061.57	3/4	2,696.29	3/4	2,331.01	3/4	1,965.73	3/4	1,600.45	3/4	869.89	3/4	504.61	3/4	142.23	3/4		3/4							
7	7	4,004.98	7	3,784.52	7	3,419.24	7	3,053.96	7	2,688.68	7	2,323.40	7	1,958.12	7	1,592.84	7	862.28	7	497.00	7	134.74	7		7							
1/4	1/4	4,003.90	1/4	3,776.91	1/4	3,411.63	1/4	3,046.35	1/4	2,681.07	1/4	2,315.79	1/4	1,950.51	1/4	1,585.23	1/4	854.67	1/4	489.39	1/4	127.24	1/4		1/4							
1/2	1/2	4,002.81	1/2	3,769.30	1/2	3,404.02	1/2	3,038.74	1/2	2,673.46	1/2	2,308.18	1/2	1,942.90	1/2	1,577.62	1/2	847.06	1/2	481.78	1/2	119.75	1/2		1/2							
3/4	3/4	4,001.72	3/4	3,761.69	3/4	3,396.41	3/4	3,031.13	3/4	2,665.85	3/4	2,300.57	3/4	1,935.29	3/4	1,570.01	3/4	839.45	3/4	474.17	3/4	112.25	3/4		3/4							
8	8	4,000.63	8	3,754.08	8	3,388.80	8	3,023.52	8	2,658.24	8	2,292.96	8	1,927.68	8	1,562.40	8	831.84	8	466.56	8	104.76	8		8							
1/4	1/4	3,999.54	1/4	3,746.47	1/4	3,381.19	1/4	3,015.91	1/4	2,650.63	1/4	2,285.35	1/4	1,920.07	1/4	1,554.79	1/4	824.23	1/4	458.95	1/4	97.27	1/4		1/4							
1/2	1/2	3,998.46	1/2	3,738.86	1/2	3,373.58	1/2	3,008.30	1/2	2,643.02	1/2	2,277.74	1/2	1,912.46	1/2	1,547.18	1/2	816.62	1/2	451.34	1/2	89.77	1/2		1/2							
3/4	3/4	3,997.37	3/4	3,731.25	3/4	3,365.97	3/4	3,000.69	3/4	2,635.41	3/4	2,270.13	3/4	1,904.85	3/4	1,539.57	3/4	809.01	3/4	443.73	3/4	82.28	3/4		3/4							
9	9	3,996.28	9	3,723.64	9	3,358.36	9	2,993.08	9	2,627.80	9	2,262.52	9	1,897.24	9	1,531.96	9	801.40	9	436.12	9	74.78	9		9							
1/4	1/4	3,993.74																														



BARGE "MM 73" MAGNOLIA MARINE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4492

	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	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4	0	1/4	1/2	3/4
0	*	14.63	0	348.93	0	702.93	0	1,056.93	0	1,410.93	0	1,764.93	0	2,118.93	0	2,472.93	0	2,826.93	0	3,180.93	0	3,534.93	0	3,845.49	0		0		0			
1/4		19.12	1/4	356.31	1/4	710.31	1/4	1,064.31	1/4	1,418.31	1/4	1,772.31	1/4	2,126.31	1/4	2,480.31	1/4	2,834.31	1/4	3,188.31	1/4	3,542.31	1/4	3,849.36	1/4		1/4		1/4			
1/2		23.62	1/2	363.68	1/2	717.68	1/2	1,071.68	1/2	1,425.68	1/2	1,779.68	1/2	2,133.68	1/2	2,487.68	1/2	2,841.68	1/2	3,195.68	1/2	3,549.68	1/2	3,853.23	1/2		1/2		1/2			
3/4		28.11	3/4	371.06	3/4	725.06	3/4	1,079.06	3/4	1,433.06	3/4	1,787.06	3/4	2,141.06	3/4	2,495.06	3/4	2,849.06	3/4	3,203.06	3/4	3,557.06	3/4	3,855.69	3/4		3/4		3/4			
1		32.60	1	378.43	1	732.43	1	1,086.43	1	1,440.43	1	1,794.43	1	2,148.43	1	2,502.43	1	2,856.43	1	3,210.43	1	3,564.43	1	3,858.15	1		1		1			
1/4		38.94	1/4	385.81	1/4	739.81	1/4	1,093.81	1/4	1,447.81	1/4	1,801.81	1/4	2,155.81	1/4	2,509.81	1/4	2,863.81	1/4	3,217.81	1/4	3,571.81	1/4	3,860.61	1/4		1/4		1/4			
1/2		45.28	1/2	393.18	1/2	747.18	1/2	1,101.18	1/2	1,455.18	1/2	1,809.18	1/2	2,163.18	1/2	2,517.18	1/2	2,871.18	1/2	3,225.18	1/2	3,579.18	1/2	3,863.07	1/2		1/2		1/2			
3/4		51.62	3/4	400.56	3/4	754.56	3/4	1,108.56	3/4	1,462.56	3/4	1,816.56	3/4	2,170.56	3/4	2,524.56	3/4	2,878.56	3/4	3,232.56	3/4	3,586.56	3/4	3,865.53	3/4		3/4		3/4			
2		57.96	2	407.93	2	761.93	2	1,115.93	2	1,469.93	2	1,823.93	2	2,177.93	2	2,531.93	2	2,885.93	2	3,239.93	2	3,593.93	2	3,867.99	2		2		2			
1/4		65.23	1/4	415.31	1/4	769.31	1/4	1,123.31	1/4	1,477.31	1/4	1,831.31	1/4	2,185.31	1/4	2,539.31	1/4	2,893.31	1/4	3,247.31	1/4	3,601.31	1/4	3,870.45	1/4		1/4		1/4			
1/2		72.49	1/2	422.68	1/2	776.68	1/2	1,130.68	1/2	1,484.68	1/2	1,838.68	1/2	2,192.68	1/2	2,546.68	1/2	2,900.68	1/2	3,254.68	1/2	3,608.68	1/2	3,872.91	1/2		1/2		1/2			
3/4		79.75	3/4	430.06	3/4	784.06	3/4	1,138.06	3/4	1,492.06	3/4	1,846.06	3/4	2,200.06	3/4	2,554.06	3/4	2,908.06	3/4	3,262.06	3/4	3,616.06	3/4	3,873.97	3/4		3/4		3/4			
3		87.02	3	437.43	3	791.43	3	1,145.43	3	1,499.43	3	1,853.43	3	2,207.43	3	2,561.43	3	2,915.43	3	3,269.43	3	3,623.43	3	3,875.02	3		3		3			
1/4		94.28	1/4	444.81	1/4	798.81	1/4	1,152.81	1/4	1,506.81	1/4	1,860.81	1/4	2,214.81	1/4	2,568.81	1/4	2,922.81	1/4	3,276.81	1/4	3,630.81	1/4	3,876.08	1/4		1/4		1/4			
1/2		101.54	1/2	452.18	1/2	806.18	1/2	1,160.18	1/2	1,514.18	1/2	1,868.18	1/2	2,222.18	1/2	2,576.18	1/2	2,930.18	1/2	3,284.18	1/2	3,638.18	1/2	3,877.13	1/2		1/2		1/2			
3/4		108.81	3/4	459.56	3/4	813.56	3/4	1,167.56	3/4	1,521.56	3/4	1,875.56	3/4	2,229.56	3/4	2,583.56	3/4	2,937.56	3/4	3,291.56	3/4	3,645.56	3/4	3,878.18	3/4		3/4		3/4			
4		116.07	4	466.93	4	820.93	4	1,174.93	4	1,528.93	4	1,882.93	4	2,236.93	4	2,590.93	4	2,944.93	4	3,298.93	4	3,652.93	4	3,879.24	4		4		4			
1/4		123.33	1/4	474.31	1/4	828.31	1/4	1,182.31	1/4	1,536.31	1/4	1,890.31	1/4	2,244.31	1/4	2,598.31	1/4	2,952.31	1/4	3,306.31	1/4	3,660.31	1/4	3,880.29	1/4		1/4		1/4			
1/2		130.59	1/2	481.68	1/2	835.68	1/2	1,189.68	1/2	1,543.68	1/2	1,897.68	1/2	2,251.68	1/2	2,605.68	1/2	2,959.68	1/2	3,313.68	1/2	3,667.68	1/2	3,881.35	1/2		1/2		1/2			
3/4		137.86	3/4	489.06	3/4	843.06	3/4	1,197.06	3/4	1,551.06	3/4	1,905.06	3/4	2,259.06	3/4	2,613.06	3/4	2,967.06	3/4	3,321.06	3/4	3,675.06	3/4	3,881.52	3/4		3/4		3/4			
5		145.12	5	496.43	5	850.43	5	1,204.43	5	1,558.43	5	1,912.43	5	2,266.43	5	2,620.43	5	2,974.43	5	3,328.43	5	3,682.43	5	3,881.70	5		5		5			
1/4		152.38	1/4	503.81	1/4	857.81	1/4	1,211.81	1/4	1,565.81	1/4	1,919.81	1/4	2,273.81	1/4	2,627.81	1/4	2,981.81	1/4	3,335.81	1/4	3,689.81	1/4		1/4		1/4		1/4			
1/2		159.65	1/2	511.18	1/2	865.18	1/2	1,219.18	1/2	1,573.18	1/2	1,927.18	1/2	2,281.18	1/2	2,635.18	1/2	2,989.18	1/2	3,343.18	1/2	3,697.18	1/2		1/2		1/2		1/2			
3/4		166.91	3/4	518.56	3/4	872.56	3/4	1,226.56	3/4	1,580.56	3/4	1,934.56	3/4	2,288.56	3/4	2,642.56	3/4	2,996.56	3/4	3,350.56	3/4	3,704.56	3/4		3/4		3/4		3/4			
6		174.17	6	525.93	6	879.93	6	1,233.93	6	1,587.93	6	1,941.93	6	2,295.93	6	2,649.93	6	3,003.93	6	3,357.93	6	3,711.93	6		6		6		6			
1/4		181.44	1/4	533.31	1/4	887.31	1/4	1,241.31	1/4	1,595.31	1/4	1,949.31	1/4	2,303.31	1/4	2,657.31	1/4	3,011.31	1/4	3,365.31	1/4	3,719.31	1/4		1/4		1/4		1/4			
1/2		188.70	1/2	540.68	1/2	894.68	1/2	1,248.68	1/2	1,602.68	1/2	1,956.68	1/2	2,310.68	1/2	2,664.68	1/2	3,018.68	1/2	3,372.68	1/2	3,726.68	1/2		1/2		1/2		1/2			
3/4		195.96	3/4	548.06	3/4	902.06	3/4	1,256.06	3/4	1,610.06	3/4	1,964.06	3/4	2,318.06	3/4	2,672.06	3/4	3,026.06	3/4	3,380.06	3/4	3,733.36	3/4		3/4		3/4		3/4			
7		203.22	7	555.43	7	909.43	7	1,263.43	7	1,617.43	7	1,971.43	7	2,325.43	7	2,679.43	7	3,033.43	7	3,387.43	7	3,740.04	7		7		7		7			
1/4		210.49	1/4	562.81	1/4	916.81	1/4	1,270.81	1/4	1,624.81	1/4	1,978.81	1/4	2,332.81	1/4	2,686.81	1/4	3,040.81	1/4	3,394.81	1/4	3,746.72	1/4		1/4		1/4		1/4			
1/2		217.75	1/2	570.18	1/2	924.18	1/2	1,278.18	1/2	1,632.18	1/2	1,986.18	1/2	2,340.18	1/2	2,694.18	1/2	3,048.18	1/2	3,402.18	1/2	3,753.40	1/2		1/2		1/2		1/2			
3/4		225.01	3/4	577.56	3/4	931.56	3/4	1,285.56	3/4	1,639.56	3/4	1,993.56	3/4	2,347.56	3/4	2,701.56	3/4	3,055.56	3/4	3,409.56	3/4	3,760.08	3/4		3/4		3/4		3/4			
8		232.28	8	584.93	8	938.93	8	1,292.93	8	1,646.93	8	2,000.93	8	2,354.93	8	2,708.93	8	3,062.93	8	3,416.93	8	3,766.76	8		8		8		8			
1/4		239.54	1/4	592.31	1/4	946.31	1/4	1,300.31	1/4	1,654.31	1/4	2,008.31	1/4	2,362.31	1/4	2,716.31	1/4	3,070.31	1/4	3,424.31	1/4	3,773.44	1/4		1/4		1/4		1/4			
1/2		246.80	1/2	599.68	1/2	953.68	1/2	1,307.68	1/2	1,661.68	1/2	2,015.68	1/2	2,369.68	1/2	2,723.68	1/2	3,077.68	1/2	3,431.68	1/2	3,780.11	1/2		1/2		1/2		1/2			
3/4		254.07	3/4	607.06	3/4	961.06	3/4	1,315.06	3/4	1,669.06	3/4	2,023.06	3/4	2,377.06	3/4	2,731.06	3/4	3,085.06	3/4	3,439.06	3/4	3,785.39	3/4		3/4		3/4		3/4			
9		261.33	9	614.43	9	968.43	9	1,322.43	9	1,676.43	9	2,030.43	9	2,384.43	9	2,738.43	9	3,092.43	9	3,446.43	9	3,790.66	9		9		9		9			
1/4		268.59	1/4	621.81	1/4	975.81	1/4	1,329.81	1/4	1,683.81	1/4	2,037.81	1/4	2,391.81	1/4	2,745.81	1/4	3,099.81	1/4	3,453.81	1/4	3,795.93	1/4		1/4		1/4		1/4			
1/2		275.85	1/2	629.18	1/2	983.18	1/2	1,337.18	1/2	1,691.18	1/2	2,045.18	1/2	2,399.18	1/2	2,753.18	1/2	3,107.18	1/2	3,461.18	1/2	3,801.20	1/2		1/2		1/2		1/2			
3/4		283.12	3/4	636.56	3/4	990.56	3/4	1,344.56	3/4	1,698.56	3/4	2,052.56	3/4	2,406.56	3/4	2,760.56	3/4	3,114.56	3/4	3,468.56	3/4	3,806.47	3/4		3/4		3/4		3/4			
10		290.38	10	643.93	10	997.93	10	1,351.93	10	1,705.93	10	2,059.93	10	2,413.93	10	2,767.93	10	3,121.93	10	3,475.93	10	3,811.75	10		10		10		10			
1/4		297.64	1/4	651.31	1/4	1																										



**BARGE "MM 73"
MAGNOLIA MARINE**

INNAGE TABLE

3 PORT OR STAR

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

HULL NO. 4492

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.	
N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I	N	I
0	*	15.08	0	360.02	0	725.30	0	1,090.58	0	1,455.86	0	1,821.14	0	2,186.42	0	2,551.70	0	2,916.98	0	3,282.26	0	3,647.54	0	3,967.99	0		0		0
1/4		19.72	1/4	367.63	1/4	732.91	1/4	1,098.19	1/4	1,463.47	1/4	1,828.75	1/4	2,194.03	1/4	2,559.31	1/4	2,924.59	1/4	3,289.87	1/4	3,655.15	1/4	3,971.98	1/4		1/4		1/4
1/2		24.35	1/2	375.24	1/2	740.52	1/2	1,105.80	1/2	1,471.08	1/2	1,836.36	1/2	2,201.64	1/2	2,566.92	1/2	2,932.20	1/2	3,297.48	1/2	3,662.76	1/2	3,975.97	1/2		1/2		1/2
3/4		28.99	3/4	382.85	3/4	748.13	3/4	1,113.41	3/4	1,478.69	3/4	1,843.97	3/4	2,209.25	3/4	2,574.53	3/4	2,939.81	3/4	3,305.09	3/4	3,670.37	3/4	3,978.51	3/4		3/4		3/4
1		33.63	1	390.46	1	755.74	1	1,121.02	1	1,486.30	1	1,851.58	1	2,216.86	1	2,582.14	1	2,947.42	1	3,312.70	1	3,677.98	1	3,981.05	1		1		1
1/4		40.17	1/4	398.07	1/4	763.35	1/4	1,128.63	1/4	1,493.91	1/4	1,859.19	1/4	2,224.47	1/4	2,589.75	1/4	2,955.03	1/4	3,320.31	1/4	3,685.59	1/4	3,983.59	1/4		1/4		1/4
1/2		46.71	1/2	405.68	1/2	770.96	1/2	1,136.24	1/2	1,501.52	1/2	1,866.80	1/2	2,232.08	1/2	2,597.36	1/2	2,962.64	1/2	3,327.92	1/2	3,693.20	1/2	3,986.12	1/2		1/2		1/2
3/4		53.25	3/4	413.29	3/4	778.57	3/4	1,143.85	3/4	1,509.13	3/4	1,874.41	3/4	2,239.69	3/4	2,604.97	3/4	2,970.25	3/4	3,335.53	3/4	3,700.81	3/4	3,988.66	3/4		3/4		3/4
2		59.80	2	420.90	2	786.18	2	1,151.46	2	1,516.74	2	1,882.02	2	2,247.30	2	2,612.58	2	2,977.86	2	3,343.14	2	3,708.42	2	3,991.20	2		2		2
1/4		67.29	1/4	428.51	1/4	793.79	1/4	1,159.07	1/4	1,524.35	1/4	1,889.63	1/4	2,254.91	1/4	2,620.19	1/4	2,985.47	1/4	3,350.75	1/4	3,716.03	1/4	3,993.74	1/4		1/4		1/4
1/2		74.78	1/2	436.12	1/2	801.40	1/2	1,166.68	1/2	1,531.96	1/2	1,897.24	1/2	2,262.52	1/2	2,627.80	1/2	2,993.08	1/2	3,358.36	1/2	3,723.64	1/2	3,996.28	1/2		1/2		1/2
3/4		82.28	3/4	443.73	3/4	809.01	3/4	1,174.29	3/4	1,539.57	3/4	1,904.85	3/4	2,270.13	3/4	2,635.41	3/4	3,000.69	3/4	3,365.97	3/4	3,731.25	3/4	3,997.37	3/4		3/4		3/4
3		89.77	3	451.34	3	816.62	3	1,181.90	3	1,547.18	3	1,912.46	3	2,277.74	3	2,643.02	3	3,008.30	3	3,373.58	3	3,738.86	3	3,998.46	3		3		3
1/4		97.27	1/4	458.95	1/4	824.23	1/4	1,189.51	1/4	1,554.79	1/4	1,920.07	1/4	2,285.35	1/4	2,650.63	1/4	3,015.91	1/4	3,381.19	1/4	3,746.47	1/4	3,999.54	1/4		1/4		1/4
1/2		104.76	1/2	466.56	1/2	831.84	1/2	1,197.12	1/2	1,562.40	1/2	1,927.68	1/2	2,292.96	1/2	2,658.24	1/2	3,023.52	1/2	3,388.80	1/2	3,754.08	1/2	4,000.63	1/2		1/2		1/2
3/4		112.25	3/4	474.17	3/4	839.45	3/4	1,204.73	3/4	1,570.01	3/4	1,935.29	3/4	2,300.57	3/4	2,665.85	3/4	3,031.13	3/4	3,396.41	3/4	3,761.69	3/4	4,001.72	3/4		3/4		3/4
4		119.75	4	481.78	4	847.06	4	1,212.34	4	1,577.62	4	1,942.90	4	2,308.18	4	2,673.46	4	3,038.74	4	3,404.02	4	3,769.30	4	4,002.81	4		4		4
1/4		127.24	1/4	489.39	1/4	854.67	1/4	1,219.95	1/4	1,585.23	1/4	1,950.51	1/4	2,315.79	1/4	2,681.07	1/4	3,046.35	1/4	3,411.63	1/4	3,776.91	1/4	4,003.90	1/4		1/4		1/4
1/2		134.74	1/2	497.00	1/2	862.28	1/2	1,227.56	1/2	1,592.84	1/2	1,958.12	1/2	2,323.40	1/2	2,688.68	1/2	3,053.96	1/2	3,419.24	1/2	3,784.52	1/2	4,004.98	1/2		1/2		1/2
3/4		142.23	3/4	504.61	3/4	869.89	3/4	1,235.17	3/4	1,600.45	3/4	1,965.73	3/4	2,331.01	3/4	2,696.29	3/4	3,061.57	3/4	3,426.85	3/4	3,792.13	3/4	4,005.17	3/4		3/4		3/4
5		149.72	5	512.22	5	877.50	5	1,242.78	5	1,608.06	5	1,973.34	5	2,338.62	5	2,703.90	5	3,069.18	5	3,434.46	5	3,799.74	5	4,005.35	5		5		5
1/4		157.22	1/4	519.83	1/4	885.11	1/4	1,250.39	1/4	1,615.67	1/4	1,980.95	1/4	2,346.23	1/4	2,711.51	1/4	3,076.79	1/4	3,442.07	1/4	3,807.35	1/4		1/4		1/4		1/4
1/2		164.71	1/2	527.44	1/2	892.72	1/2	1,258.00	1/2	1,623.28	1/2	1,988.56	1/2	2,353.84	1/2	2,719.12	1/2	3,084.40	1/2	3,449.68	1/2	3,814.96	1/2		1/2		1/2		1/2
3/4		172.21	3/4	535.05	3/4	900.33	3/4	1,265.61	3/4	1,630.89	3/4	1,996.17	3/4	2,361.45	3/4	2,726.73	3/4	3,092.01	3/4	3,457.29	3/4	3,822.57	3/4		3/4		3/4		3/4
6		179.70	6	542.66	6	907.94	6	1,273.22	6	1,638.50	6	2,003.78	6	2,369.06	6	2,734.34	6	3,099.62	6	3,464.90	6	3,830.18	6		6		6		6
1/4		187.19	1/4	550.27	1/4	915.55	1/4	1,280.83	1/4	1,646.11	1/4	2,011.39	1/4	2,376.67	1/4	2,741.95	1/4	3,107.23	1/4	3,472.51	1/4	3,837.79	1/4		1/4		1/4		1/4
1/2		194.69	1/2	557.88	1/2	923.16	1/2	1,288.44	1/2	1,653.72	1/2	2,019.00	1/2	2,384.28	1/2	2,749.56	1/2	3,114.84	1/2	3,480.12	1/2	3,845.40	1/2		1/2		1/2		1/2
3/4		202.18	3/4	565.49	3/4	930.77	3/4	1,296.05	3/4	1,661.33	3/4	2,026.61	3/4	2,391.89	3/4	2,757.17	3/4	3,122.45	3/4	3,487.73	3/4	3,852.29	3/4		3/4		3/4		3/4
7		209.68	7	573.10	7	938.38	7	1,303.66	7	1,668.94	7	2,034.22	7	2,399.50	7	2,764.78	7	3,130.06	7	3,495.34	7	3,859.18	7		7		7		7
1/4		217.17	1/4	580.71	1/4	945.99	1/4	1,311.27	1/4	1,676.55	1/4	2,041.83	1/4	2,407.11	1/4	2,772.39	1/4	3,137.67	1/4	3,502.95	1/4	3,866.07	1/4		1/4		1/4		1/4
1/2		224.66	1/2	588.32	1/2	953.60	1/2	1,318.88	1/2	1,684.16	1/2	2,049.44	1/2	2,414.72	1/2	2,780.00	1/2	3,145.28	1/2	3,510.56	1/2	3,872.96	1/2		1/2		1/2		1/2
3/4		232.16	3/4	595.93	3/4	961.21	3/4	1,326.49	3/4	1,691.77	3/4	2,057.05	3/4	2,422.33	3/4	2,787.61	3/4	3,152.89	3/4	3,518.17	3/4	3,879.86	3/4		3/4		3/4		3/4
8		239.65	8	603.54	8	968.82	8	1,334.10	8	1,699.38	8	2,064.66	8	2,429.94	8	2,795.22	8	3,160.50	8	3,525.78	8	3,886.75	8		8		8		8
1/4		247.15	1/4	611.15	1/4	976.43	1/4	1,341.71	1/4	1,706.99	1/4	2,072.27	1/4	2,437.55	1/4	2,802.83	1/4	3,168.11	1/4	3,533.39	1/4	3,893.64	1/4		1/4		1/4		1/4
1/2		254.64	1/2	618.76	1/2	984.04	1/2	1,349.32	1/2	1,714.60	1/2	2,079.88	1/2	2,445.16	1/2	2,810.44	1/2	3,175.72	1/2	3,541.00	1/2	3,900.53	1/2		1/2		1/2		1/2
3/4		262.13	3/4	626.37	3/4	991.65	3/4	1,356.93	3/4	1,722.21	3/4	2,087.49	3/4	2,452.77	3/4	2,818.05	3/4	3,183.33	3/4	3,548.61	3/4	3,905.97	3/4		3/4		3/4		3/4
9		269.63	9	633.98	9	999.26	9	1,364.54	9	1,729.82	9	2,095.10	9	2,460.38	9	2,825.66	9	3,190.94	9	3,556.22	9	3,911.41	9		9		9		9
1/4		277.12	1/4	641.59	1/4	1,006.87	1/4	1,372.15	1/4	1,737.43	1/4	2,102.71	1/4	2,467.99	1/4	2,833.27	1/4	3,198.55	1/4	3,563.83	1/4	3,916.85	1/4		1/4		1/4		1/4
1/2		284.62	1/2	649.20	1/2	1,014.48	1/2	1,379.76	1/2	1,745.04	1/2	2,110.32	1/2	2,475.60	1/2	2,840.88	1/2	3,206.16	1/2	3,571.44	1/2	3,922.29	1/2		1/2		1/2		1/2
3/4		292.11	3/4	656.81	3/4	1,022.09	3/4	1,387.37	3/4	1,752.65	3/4	2,117.93	3/4	2,483.21	3/4	2,848.49	3/4	3,213.77	3/4	3,579.05	3/4	3,927.73	3/4		3/4		3/4		3/4
10		299.60	10	664.42	10	1,029.70	10	1,394.98	10	1,760.26	10	2,125.54	10	2,490.82	10	2,856.10	10	3,221.38	10	3,586.66	10	3,933.17	10		10		10		10
1/4		307.10	1/4	672.03	1/4	1,037.31	1/4	1,402.59	1/4	1,767.87	1/4	2,133.15	1/4	2,498.43	1/4	2,863.71	1/4	3,228.99	1/4	3,594.27	1/4	3,938.61	1/4		1/4		1/4		1/4
1/2		31																											