



BARGE "MM 76" MAGNOLIA MARINE

INNAGE TABLE

1 PORT OR STAR

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

HULL NO. 4494

| 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 | IN | 0 | 1/4 | 1/2 | 3/4 | IN | 0 | 1/4 | 1/2 | 3/4 | IN | 0 | 1/4 | 1/2 | 3/4 | IN | 0 | 1/4 | 1/2 | 3/4 | IN | 0 | 1/4 | 1/2 | 3/4 | |
| 0 | * 16.84 | 0 | 328.17 | 0 | 682.78 | 0 | 1,049.74 | 0 | 1,416.70 | 0 | 1,783.66 | 0 | 2,150.62 | 0 | 2,517.58 | 0 | 2,884.54 | 0 | 3,251.50 | 0 | 3,618.46 | 0 | 3,940.42 | 0 | | 0 | | | | |
| 1/4 | 21.08 | 1/4 | 335.25 | 1/4 | 690.43 | 1/4 | 1,057.39 | 1/4 | 1,424.35 | 1/4 | 1,791.31 | 1/4 | 2,158.27 | 1/4 | 2,525.23 | 1/4 | 2,892.19 | 1/4 | 3,259.15 | 1/4 | 3,626.11 | 1/4 | 3,944.43 | 1/4 | | 1/4 | | | | |
| 1/2 | 25.33 | 1/2 | 342.34 | 1/2 | 698.07 | 1/2 | 1,065.03 | 1/2 | 1,431.99 | 1/2 | 1,798.95 | 1/2 | 2,165.91 | 1/2 | 2,532.87 | 1/2 | 2,899.83 | 1/2 | 3,266.79 | 1/2 | 3,633.75 | 1/2 | 3,948.44 | 1/2 | | 1/2 | | | | |
| 3/4 | 29.57 | 3/4 | 349.42 | 3/4 | 705.72 | 3/4 | 1,072.68 | 3/4 | 1,439.64 | 3/4 | 1,806.60 | 3/4 | 2,173.56 | 3/4 | 2,540.52 | 3/4 | 2,907.48 | 3/4 | 3,274.44 | 3/4 | 3,641.40 | 3/4 | 3,950.87 | 3/4 | | 3/4 | | | | |
| 1 | 33.82 | 1 | 356.51 | 1 | 713.36 | 1 | 1,080.32 | 1 | 1,447.28 | 1 | 1,814.24 | 1 | 2,181.20 | 1 | 2,548.16 | 1 | 2,915.12 | 1 | 3,282.08 | 1 | 3,649.04 | 1 | 3,953.29 | 1 | | 1 | | | | |
| 1/4 | 39.55 | 1/4 | 363.59 | 1/4 | 721.01 | 1/4 | 1,087.97 | 1/4 | 1,454.93 | 1/4 | 1,821.89 | 1/4 | 2,188.85 | 1/4 | 2,555.81 | 1/4 | 2,922.77 | 1/4 | 3,289.73 | 1/4 | 3,656.69 | 1/4 | 3,955.72 | 1/4 | | 1/4 | | | | |
| 1/2 | 45.29 | 1/2 | 370.68 | 1/2 | 728.65 | 1/2 | 1,095.61 | 1/2 | 1,462.57 | 1/2 | 1,829.53 | 1/2 | 2,196.49 | 1/2 | 2,563.45 | 1/2 | 2,930.41 | 1/2 | 3,297.37 | 1/2 | 3,664.33 | 1/2 | 3,958.15 | 1/2 | | 1/2 | | | | |
| 3/4 | 51.03 | 3/4 | 377.76 | 3/4 | 736.30 | 3/4 | 1,103.26 | 3/4 | 1,470.22 | 3/4 | 1,837.18 | 3/4 | 2,204.14 | 3/4 | 2,571.10 | 3/4 | 2,938.06 | 3/4 | 3,305.02 | 3/4 | 3,671.98 | 3/4 | 3,960.57 | 3/4 | | 3/4 | | | | |
| 2 | 56.77 | 2 | 384.85 | 2 | 743.94 | 2 | 1,110.90 | 2 | 1,477.86 | 2 | 1,844.82 | 2 | 2,211.78 | 2 | 2,578.74 | 2 | 2,945.70 | 2 | 3,312.66 | 2 | 3,679.62 | 2 | 3,963.00 | 2 | | 2 | | | | |
| 1/4 | 63.25 | 1/4 | 391.93 | 1/4 | 751.59 | 1/4 | 1,118.55 | 1/4 | 1,485.51 | 1/4 | 1,852.47 | 1/4 | 2,219.43 | 1/4 | 2,586.39 | 1/4 | 2,953.35 | 1/4 | 3,320.31 | 1/4 | 3,687.27 | 1/4 | 3,965.42 | 1/4 | | 1/4 | | | | |
| 1/2 | 69.74 | 1/2 | 399.02 | 1/2 | 759.23 | 1/2 | 1,126.19 | 1/2 | 1,493.15 | 1/2 | 1,860.11 | 1/2 | 2,227.07 | 1/2 | 2,594.03 | 1/2 | 2,960.99 | 1/2 | 3,327.95 | 1/2 | 3,694.91 | 1/2 | 3,967.85 | 1/2 | | 1/2 | | | | |
| 3/4 | 76.22 | 3/4 | 406.10 | 3/4 | 766.88 | 3/4 | 1,133.84 | 3/4 | 1,500.80 | 3/4 | 1,867.76 | 3/4 | 2,234.72 | 3/4 | 2,601.68 | 3/4 | 2,968.64 | 3/4 | 3,335.60 | 3/4 | 3,702.56 | 3/4 | 3,968.94 | 3/4 | | 3/4 | | | | |
| 3 | 82.71 | 3 | 413.19 | 3 | 774.52 | 3 | 1,141.48 | 3 | 1,508.44 | 3 | 1,875.40 | 3 | 2,242.36 | 3 | 2,609.32 | 3 | 2,976.28 | 3 | 3,343.24 | 3 | 3,710.20 | 3 | 3,970.04 | 3 | | 3 | | | | |
| 1/4 | 89.19 | 1/4 | 420.27 | 1/4 | 782.17 | 1/4 | 1,149.13 | 1/4 | 1,516.09 | 1/4 | 1,883.05 | 1/4 | 2,250.01 | 1/4 | 2,616.97 | 1/4 | 2,983.93 | 1/4 | 3,350.89 | 1/4 | 3,717.85 | 1/4 | 3,971.13 | 1/4 | | 1/4 | | | | |
| 1/2 | 95.68 | 1/2 | 427.36 | 1/2 | 789.81 | 1/2 | 1,156.77 | 1/2 | 1,523.73 | 1/2 | 1,890.69 | 1/2 | 2,257.65 | 1/2 | 2,624.61 | 1/2 | 2,991.57 | 1/2 | 3,358.53 | 1/2 | 3,725.49 | 1/2 | 3,972.22 | 1/2 | | 1/2 | | | | |
| 3/4 | 102.16 | 3/4 | 434.44 | 3/4 | 797.46 | 3/4 | 1,164.42 | 3/4 | 1,531.38 | 3/4 | 1,898.34 | 3/4 | 2,265.30 | 3/4 | 2,632.26 | 3/4 | 2,999.22 | 3/4 | 3,366.18 | 3/4 | 3,733.14 | 3/4 | 3,973.31 | 3/4 | | 3/4 | | | | |
| 4 | 108.65 | 4 | 441.53 | 4 | 805.10 | 4 | 1,172.06 | 4 | 1,539.02 | 4 | 1,905.98 | 4 | 2,272.94 | 4 | 2,639.90 | 4 | 3,006.86 | 4 | 3,373.82 | 4 | 3,740.78 | 4 | 3,974.41 | 4 | | 4 | | | | |
| 1/4 | 115.43 | 1/4 | 449.03 | 1/4 | 812.75 | 1/4 | 1,179.71 | 1/4 | 1,546.67 | 1/4 | 1,913.63 | 1/4 | 2,280.59 | 1/4 | 2,647.55 | 1/4 | 3,014.51 | 1/4 | 3,381.47 | 1/4 | 3,748.43 | 1/4 | 3,975.50 | 1/4 | | 1/4 | | | | |
| 1/2 | 122.22 | 1/2 | 456.54 | 1/2 | 820.39 | 1/2 | 1,187.35 | 1/2 | 1,554.31 | 1/2 | 1,921.27 | 1/2 | 2,288.23 | 1/2 | 2,655.19 | 1/2 | 3,022.15 | 1/2 | 3,389.11 | 1/2 | 3,756.07 | 1/2 | 3,976.59 | 1/2 | | 1/2 | | | | |
| 3/4 | 129.00 | 3/4 | 464.04 | 3/4 | 828.04 | 3/4 | 1,195.00 | 3/4 | 1,561.96 | 3/4 | 1,928.92 | 3/4 | 2,295.88 | 3/4 | 2,662.84 | 3/4 | 3,029.80 | 3/4 | 3,396.76 | 3/4 | 3,763.72 | 3/4 | 3,976.78 | 3/4 | | 3/4 | | | | |
| 5 | 135.79 | 5 | 471.54 | 5 | 835.68 | 5 | 1,202.64 | 5 | 1,569.60 | 5 | 1,936.56 | 5 | 2,303.52 | 5 | 2,670.48 | 5 | 3,037.44 | 5 | 3,404.40 | 5 | 3,771.36 | 5 | <u>3,976.96</u> | 5 | | 5 | | | | |
| 1/4 | 142.57 | 1/4 | 479.05 | 1/4 | 843.33 | 1/4 | 1,210.29 | 1/4 | 1,577.25 | 1/4 | 1,944.21 | 1/4 | 2,311.17 | 1/4 | 2,678.13 | 1/4 | 3,045.09 | 1/4 | 3,412.05 | 1/4 | 3,779.01 | 1/4 | | 1/4 | | 1/4 | | | | |
| 1/2 | 149.36 | 1/2 | 486.55 | 1/2 | 850.97 | 1/2 | 1,217.93 | 1/2 | 1,584.89 | 1/2 | 1,951.85 | 1/2 | 2,318.81 | 1/2 | 2,685.77 | 1/2 | 3,052.73 | 1/2 | 3,419.69 | 1/2 | 3,786.65 | 1/2 | | 1/2 | | 1/2 | | | | |
| 3/4 | 156.14 | 3/4 | 494.06 | 3/4 | 858.62 | 3/4 | 1,225.58 | 3/4 | 1,592.54 | 3/4 | 1,959.50 | 3/4 | 2,326.46 | 3/4 | 2,693.42 | 3/4 | 3,060.38 | 3/4 | 3,427.34 | 3/4 | 3,794.30 | 3/4 | | 3/4 | | 3/4 | | | | |
| 6 | 162.93 | 6 | 501.56 | 6 | 866.26 | 6 | 1,233.22 | 6 | 1,600.18 | 6 | 1,967.14 | 6 | 2,334.10 | 6 | 2,701.06 | 6 | 3,068.02 | 6 | 3,434.98 | 6 | 3,801.94 | 6 | | 6 | | 6 | | | | |
| 1/4 | 169.71 | 1/4 | 509.06 | 1/4 | 873.91 | 1/4 | 1,240.87 | 1/4 | 1,607.83 | 1/4 | 1,974.79 | 1/4 | 2,341.75 | 1/4 | 2,708.71 | 1/4 | 3,075.67 | 1/4 | 3,442.63 | 1/4 | 3,809.59 | 1/4 | | 1/4 | | 1/4 | | | | |
| 1/2 | 176.50 | 1/2 | 516.57 | 1/2 | 881.55 | 1/2 | 1,248.51 | 1/2 | 1,615.47 | 1/2 | 1,982.43 | 1/2 | 2,349.39 | 1/2 | 2,716.35 | 1/2 | 3,083.31 | 1/2 | 3,450.27 | 1/2 | 3,817.23 | 1/2 | | 1/2 | | 1/2 | | | | |
| 3/4 | 183.28 | 3/4 | 524.07 | 3/4 | 889.20 | 3/4 | 1,256.16 | 3/4 | 1,623.12 | 3/4 | 1,990.08 | 3/4 | 2,357.04 | 3/4 | 2,724.00 | 3/4 | 3,090.96 | 3/4 | 3,457.92 | 3/4 | 3,824.16 | 3/4 | | 3/4 | | 3/4 | | | | |
| 7 | 190.07 | 7 | 531.58 | 7 | 896.84 | 7 | 1,263.80 | 7 | 1,630.76 | 7 | 1,997.72 | 7 | 2,364.68 | 7 | 2,731.64 | 7 | 3,098.60 | 7 | 3,465.56 | 7 | 3,831.08 | 7 | | 7 | | 7 | | | | |
| 1/4 | 196.85 | 1/4 | 539.08 | 1/4 | 904.49 | 1/4 | 1,271.45 | 1/4 | 1,638.41 | 1/4 | 2,005.37 | 1/4 | 2,372.33 | 1/4 | 2,739.29 | 1/4 | 3,106.25 | 1/4 | 3,473.21 | 1/4 | 3,838.01 | 1/4 | | 1/4 | | 1/4 | | | | |
| 1/2 | 203.64 | 1/2 | 546.58 | 1/2 | 912.13 | 1/2 | 1,279.09 | 1/2 | 1,646.05 | 1/2 | 2,013.01 | 1/2 | 2,379.97 | 1/2 | 2,746.93 | 1/2 | 3,113.89 | 1/2 | 3,480.85 | 1/2 | 3,844.93 | 1/2 | | 1/2 | | 1/2 | | | | |
| 3/4 | 210.42 | 3/4 | 554.09 | 3/4 | 919.78 | 3/4 | 1,286.74 | 3/4 | 1,653.70 | 3/4 | 2,020.66 | 3/4 | 2,387.62 | 3/4 | 2,754.58 | 3/4 | 3,121.54 | 3/4 | 3,488.50 | 3/4 | 3,851.86 | 3/4 | | 3/4 | | 3/4 | | | | |
| 8 | 217.21 | 8 | 561.59 | 8 | 927.42 | 8 | 1,294.38 | 8 | 1,661.34 | 8 | 2,028.30 | 8 | 2,395.26 | 8 | 2,762.22 | 8 | 3,129.18 | 8 | 3,496.14 | 8 | 3,858.78 | 8 | | 8 | | 8 | | | | |
| 1/4 | 223.99 | 1/4 | 569.10 | 1/4 | 935.07 | 1/4 | 1,302.03 | 1/4 | 1,668.99 | 1/4 | 2,035.95 | 1/4 | 2,402.91 | 1/4 | 2,769.87 | 1/4 | 3,136.83 | 1/4 | 3,503.79 | 1/4 | 3,865.71 | 1/4 | | 1/4 | | 1/4 | | | | |
| 1/2 | 230.78 | 1/2 | 576.60 | 1/2 | 942.71 | 1/2 | 1,309.67 | 1/2 | 1,676.63 | 1/2 | 2,043.59 | 1/2 | 2,410.55 | 1/2 | 2,777.51 | 1/2 | 3,144.47 | 1/2 | 3,511.43 | 1/2 | 3,872.63 | 1/2 | | 1/2 | | 1/2 | | | | |
| 3/4 | 237.56 | 3/4 | 584.10 | 3/4 | 950.36 | 3/4 | 1,317.32 | 3/4 | 1,684.28 | 3/4 | 2,051.24 | 3/4 | 2,418.20 | 3/4 | 2,785.16 | 3/4 | 3,152.12 | 3/4 | 3,519.08 | 3/4 | 3,878.10 | 3/4 | | 3/4 | | 3/4 | | | | |
| 9 | 244.35 | 9 | 591.61 | 9 | 958.00 | 9 | 1,324.96 | 9 | 1,691.92 | 9 | 2,058.88 | 9 | 2,425.84 | 9 | 2,792.80 | 9 | 3,159.76 | 9 | 3,526.72 | 9 | 3,883.57 | 9 | | 9 | | 9 | | | | |
| 1/4 | 251.13 | 1/4 | 599.11 | 1/4 | 965.65 | 1/4 | 1,332.61 | 1/4 | 1,699.57 | | | | | | | | | | | | | | | | | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

INNAGE TABLE

2 PORT OR STAR

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | | | |
|-------|---------|-------|--------|-------|--------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|----------|--------|----------|--------|----------|--------|-----|--------|-----|-----|-----|-----|--|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | | |
| 0 | * 14.63 | 0 | 348.94 | 0 | 703.09 | 0 | 1,057.23 | 0 | 1,411.38 | 0 | 1,765.52 | 0 | 2,119.66 | 0 | 2,473.81 | 0 | 2,827.95 | 0 | 3,182.10 | 0 | 3,536.24 | 0 | 3,846.88 | 0 | 3,846.88 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 19.12 | 1/4 | 356.32 | 1/4 | 710.47 | 1/4 | 1,064.61 | 1/4 | 1,418.75 | 1/4 | 1,772.90 | 1/4 | 2,127.04 | 1/4 | 2,481.19 | 1/4 | 2,835.33 | 1/4 | 3,189.47 | 1/4 | 3,543.62 | 1/4 | 3,850.75 | 1/4 | 3,850.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 23.62 | 1/2 | 363.70 | 1/2 | 717.84 | 1/2 | 1,071.99 | 1/2 | 1,426.13 | 1/2 | 1,780.28 | 1/2 | 2,134.42 | 1/2 | 2,488.56 | 1/2 | 2,842.71 | 1/2 | 3,196.85 | 1/2 | 3,551.00 | 1/2 | 3,854.61 | 1/2 | 3,854.61 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 28.11 | 3/4 | 371.08 | 3/4 | 725.22 | 3/4 | 1,079.37 | 3/4 | 1,433.51 | 3/4 | 1,787.65 | 3/4 | 2,141.80 | 3/4 | 2,495.94 | 3/4 | 2,850.09 | 3/4 | 3,204.23 | 3/4 | 3,558.37 | 3/4 | 3,857.07 | 3/4 | 3,857.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 32.60 | 1 | 378.46 | 1 | 732.60 | 1 | 1,086.74 | 1 | 1,440.89 | 1 | 1,795.03 | 1 | 2,149.18 | 1 | 2,503.32 | 1 | 2,857.46 | 1 | 3,211.61 | 1 | 3,565.75 | 1 | 3,859.53 | 1 | 3,859.53 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 38.94 | 1/4 | 385.83 | 1/4 | 739.98 | 1/4 | 1,094.12 | 1/4 | 1,448.27 | 1/4 | 1,802.41 | 1/4 | 2,156.55 | 1/4 | 2,510.70 | 1/4 | 2,864.84 | 1/4 | 3,218.99 | 1/4 | 3,573.13 | 1/4 | 3,862.00 | 1/4 | 3,862.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 45.28 | 1/2 | 393.21 | 1/2 | 747.36 | 1/2 | 1,101.50 | 1/2 | 1,455.64 | 1/2 | 1,809.79 | 1/2 | 2,163.93 | 1/2 | 2,518.08 | 1/2 | 2,872.22 | 1/2 | 3,226.36 | 1/2 | 3,580.51 | 1/2 | 3,864.46 | 1/2 | 3,864.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 51.62 | 3/4 | 400.59 | 3/4 | 754.73 | 3/4 | 1,108.88 | 3/4 | 1,463.02 | 3/4 | 1,817.17 | 3/4 | 2,171.31 | 3/4 | 2,525.45 | 3/4 | 2,879.60 | 3/4 | 3,233.74 | 3/4 | 3,587.89 | 3/4 | 3,866.92 | 3/4 | 3,866.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 57.96 | 2 | 407.97 | 2 | 762.11 | 2 | 1,116.26 | 2 | 1,470.40 | 2 | 1,824.54 | 2 | 2,178.69 | 2 | 2,532.83 | 2 | 2,886.98 | 2 | 3,241.12 | 2 | 3,595.26 | 2 | 3,869.38 | 2 | 3,869.38 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 65.23 | 1/4 | 415.35 | 1/4 | 769.49 | 1/4 | 1,123.63 | 1/4 | 1,477.78 | 1/4 | 1,831.92 | 1/4 | 2,186.07 | 1/4 | 2,540.21 | 1/4 | 2,894.35 | 1/4 | 3,248.50 | 1/4 | 3,602.64 | 1/4 | 3,871.84 | 1/4 | 3,871.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72.49 | 1/2 | 422.72 | 1/2 | 776.87 | 1/2 | 1,131.01 | 1/2 | 1,485.16 | 1/2 | 1,839.30 | 1/2 | 2,193.44 | 1/2 | 2,547.59 | 1/2 | 2,901.73 | 1/2 | 3,255.88 | 1/2 | 3,610.02 | 1/2 | 3,874.30 | 1/2 | 3,874.30 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 79.75 | 3/4 | 430.10 | 3/4 | 784.25 | 3/4 | 1,138.39 | 3/4 | 1,492.53 | 3/4 | 1,846.68 | 3/4 | 2,200.82 | 3/4 | 2,554.97 | 3/4 | 2,909.11 | 3/4 | 3,263.25 | 3/4 | 3,617.40 | 3/4 | 3,875.35 | 3/4 | 3,875.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 87.02 | 3 | 437.48 | 3 | 791.62 | 3 | 1,145.77 | 3 | 1,499.91 | 3 | 1,854.06 | 3 | 2,208.20 | 3 | 2,562.34 | 3 | 2,916.49 | 3 | 3,270.63 | 3 | 3,624.78 | 3 | 3,876.41 | 3 | 3,876.41 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 94.28 | 1/4 | 444.86 | 1/4 | 799.00 | 1/4 | 1,153.15 | 1/4 | 1,507.29 | 1/4 | 1,861.43 | 1/4 | 2,215.58 | 1/4 | 2,569.72 | 1/4 | 2,923.87 | 1/4 | 3,278.01 | 1/4 | 3,632.15 | 1/4 | 3,877.46 | 1/4 | 3,877.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 101.54 | 1/2 | 452.24 | 1/2 | 806.38 | 1/2 | 1,160.52 | 1/2 | 1,514.67 | 1/2 | 1,868.81 | 1/2 | 2,222.96 | 1/2 | 2,577.10 | 1/2 | 2,931.24 | 1/2 | 3,285.39 | 1/2 | 3,639.53 | 1/2 | 3,878.52 | 1/2 | 3,878.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 108.81 | 3/4 | 459.61 | 3/4 | 813.76 | 3/4 | 1,167.90 | 3/4 | 1,522.05 | 3/4 | 1,876.19 | 3/4 | 2,230.33 | 3/4 | 2,584.48 | 3/4 | 2,938.62 | 3/4 | 3,292.77 | 3/4 | 3,646.91 | 3/4 | 3,879.57 | 3/4 | 3,879.57 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 116.07 | 4 | 466.99 | 4 | 821.14 | 4 | 1,175.28 | 4 | 1,529.42 | 4 | 1,883.57 | 4 | 2,237.71 | 4 | 2,591.86 | 4 | 2,946.00 | 4 | 3,300.14 | 4 | 3,654.29 | 4 | 3,880.62 | 4 | 3,880.62 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 123.33 | 1/4 | 474.37 | 1/4 | 828.51 | 1/4 | 1,182.66 | 1/4 | 1,536.80 | 1/4 | 1,890.95 | 1/4 | 2,245.09 | 1/4 | 2,599.23 | 1/4 | 2,953.38 | 1/4 | 3,307.52 | 1/4 | 3,661.67 | 1/4 | 3,881.68 | 1/4 | 3,881.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 130.59 | 1/2 | 481.75 | 1/2 | 835.89 | 1/2 | 1,190.04 | 1/2 | 1,544.18 | 1/2 | 1,898.32 | 1/2 | 2,252.47 | 1/2 | 2,606.61 | 1/2 | 2,960.76 | 1/2 | 3,314.90 | 1/2 | 3,669.04 | 1/2 | 3,882.73 | 1/2 | 3,882.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 137.86 | 3/4 | 489.13 | 3/4 | 843.27 | 3/4 | 1,197.41 | 3/4 | 1,551.56 | 3/4 | 1,905.70 | 3/4 | 2,259.85 | 3/4 | 2,613.99 | 3/4 | 2,968.13 | 3/4 | 3,322.28 | 3/4 | 3,676.42 | 3/4 | 3,882.91 | 3/4 | 3,882.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 145.12 | 5 | 496.50 | 5 | 850.65 | 5 | 1,204.79 | 5 | 1,558.94 | 5 | 1,913.08 | 5 | 2,267.22 | 5 | 2,621.37 | 5 | 2,975.51 | 5 | 3,329.66 | 5 | 3,683.80 | 5 | 3,883.08 | 5 | 3,883.08 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 152.38 | 1/4 | 503.88 | 1/4 | 858.03 | 1/4 | 1,212.17 | 1/4 | 1,566.31 | 1/4 | 1,920.46 | 1/4 | 2,274.60 | 1/4 | 2,628.75 | 1/4 | 2,982.89 | 1/4 | 3,337.03 | 1/4 | 3,691.18 | 1/4 | 3,883.08 | 1/4 | 3,883.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 159.65 | 1/2 | 511.26 | 1/2 | 865.40 | 1/2 | 1,219.55 | 1/2 | 1,573.69 | 1/2 | 1,927.84 | 1/2 | 2,281.98 | 1/2 | 2,636.12 | 1/2 | 2,990.27 | 1/2 | 3,344.41 | 1/2 | 3,698.56 | 1/2 | 3,883.08 | 1/2 | 3,883.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 166.91 | 3/4 | 518.64 | 3/4 | 872.78 | 3/4 | 1,226.93 | 3/4 | 1,581.07 | 3/4 | 1,935.21 | 3/4 | 2,289.36 | 3/4 | 2,643.50 | 3/4 | 2,997.65 | 3/4 | 3,351.79 | 3/4 | 3,705.93 | 3/4 | 3,883.08 | 3/4 | 3,883.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 174.17 | 6 | 526.02 | 6 | 880.16 | 6 | 1,234.30 | 6 | 1,588.45 | 6 | 1,942.59 | 6 | 2,296.74 | 6 | 2,650.88 | 6 | 3,005.02 | 6 | 3,359.17 | 6 | 3,713.31 | 6 | 3,883.08 | 6 | 3,883.08 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 181.44 | 1/4 | 533.39 | 1/4 | 887.54 | 1/4 | 1,241.68 | 1/4 | 1,595.83 | 1/4 | 1,949.97 | 1/4 | 2,304.11 | 1/4 | 2,658.26 | 1/4 | 3,012.40 | 1/4 | 3,366.55 | 1/4 | 3,720.69 | 1/4 | 3,883.08 | 1/4 | 3,883.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 188.70 | 1/2 | 540.77 | 1/2 | 894.92 | 1/2 | 1,249.06 | 1/2 | 1,603.20 | 1/2 | 1,957.35 | 1/2 | 2,311.49 | 1/2 | 2,665.64 | 1/2 | 3,019.78 | 1/2 | 3,373.92 | 1/2 | 3,728.07 | 1/2 | 3,883.08 | 1/2 | 3,883.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 195.96 | 3/4 | 548.15 | 3/4 | 902.29 | 3/4 | 1,256.44 | 3/4 | 1,610.58 | 3/4 | 1,964.73 | 3/4 | 2,318.87 | 3/4 | 2,673.01 | 3/4 | 3,027.16 | 3/4 | 3,381.30 | 3/4 | 3,734.75 | 3/4 | 3,883.08 | 3/4 | 3,883.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 203.22 | 7 | 555.53 | 7 | 909.67 | 7 | 1,263.82 | 7 | 1,617.96 | 7 | 1,972.10 | 7 | 2,326.25 | 7 | 2,680.39 | 7 | 3,034.54 | 7 | 3,388.68 | 7 | 3,741.43 | 7 | 3,883.08 | 7 | 3,883.08 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 210.49 | 1/4 | 562.91 | 1/4 | 917.05 | 1/4 | 1,271.19 | 1/4 | 1,625.34 | 1/4 | 1,979.48 | 1/4 | 2,333.63 | 1/4 | 2,687.77 | 1/4 | 3,041.91 | 1/4 | 3,396.06 | 1/4 | 3,748.11 | 1/4 | 3,883.08 | 1/4 | 3,883.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 217.75 | 1/2 | 570.28 | 1/2 | 924.43 | 1/2 | 1,278.57 | 1/2 | 1,632.72 | 1/2 | 1,986.86 | 1/2 | 2,341.00 | 1/2 | 2,695.15 | 1/2 | 3,049.29 | 1/2 | 3,403.44 | 1/2 | 3,754.78 | 1/2 | 3,883.08 | 1/2 | 3,883.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 225.01 | 3/4 | 577.66 | 3/4 | 931.81 | 3/4 | 1,285.95 | 3/4 | 1,640.09 | 3/4 | 1,994.24 | 3/4 | 2,348.38 | 3/4 | 2,702.53 | 3/4 | 3,056.67 | 3/4 | 3,410.81 | 3/4 | 3,761.46 | 3/4 | 3,883.08 | 3/4 | 3,883.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 232.28 | 8 | 585.04 | 8 | 939.18 | 8 | 1,293.33 | 8 | 1,647.47 | 8 | 2,001.62 | 8 | 2,355.76 | 8 | 2,709.90 | 8 | 3,064.05 | 8 | 3,418.19 | 8 | 3,768.14 | 8 | 3,883.08 | 8 | 3,883.08 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 239.54 | 1/4 | 592.42 | 1/4 | 946.56 | 1/4 | 1,300.71 | 1/4 | 1,654.85 | 1/4 | 2,008.99 | 1/4 | 2,363.14 | 1/4 | 2,717.28 | 1/4 | 3,071.43 | 1/4 | 3,425.57 | 1/4 | 3,774.82 | 1/4 | 3,883.08 | 1/4 | 3,883.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 246.80 | 1/2 | 599.80 | 1/2 | 953.94 | 1/2 | 1,308.08 | 1/2 | 1,662.23 | 1/2 | 2,016.37 | 1/2 | 2,370.52 | 1/2 | 2,724.66 | 1/2 | 3,078.80 | 1/2 | 3,432.95 | 1/2 | 3,781.50 | 1/2 | 3,883.08 | 1/2 | 3,883.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

OUTAGE TABLE

1 PORT OR STAR

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | |
|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|----|-----|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | 0 | 3,936.42 | 0 | 3,610.82 | 0 | 3,243.86 | 0 | 2,876.90 | 0 | 2,509.94 | 0 | 2,142.98 | 0 | 1,776.02 | 0 | 1,409.06 | 0 | 1,042.10 | 0 | 675.14 | 0 | 321.08 | 0 | | | | | | | | |
| 1/4 | 1/4 | 3,932.41 | 1/4 | 3,603.17 | 1/4 | 3,236.21 | 1/4 | 2,869.25 | 1/4 | 2,502.29 | 1/4 | 2,135.33 | 1/4 | 1,768.37 | 1/4 | 1,401.41 | 1/4 | 1,034.45 | 1/4 | 667.49 | 1/4 | 314.00 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,928.40 | 1/2 | 3,595.53 | 1/2 | 3,228.57 | 1/2 | 2,861.61 | 1/2 | 2,494.65 | 1/2 | 2,127.69 | 1/2 | 1,760.73 | 1/2 | 1,393.77 | 1/2 | 1,026.81 | 1/2 | 659.85 | 1/2 | 306.91 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,924.39 | 3/4 | 3,587.88 | 3/4 | 3,220.92 | 3/4 | 2,853.96 | 3/4 | 2,487.00 | 3/4 | 2,120.04 | 3/4 | 1,753.08 | 3/4 | 1,386.12 | 3/4 | 1,019.16 | 3/4 | 652.20 | 3/4 | 299.83 | 3/4 | | | | | | | | |
| 1 | 1 | 3,920.38 | 1 | 3,580.24 | 1 | 3,213.28 | 1 | 2,846.32 | 1 | 2,479.36 | 1 | 2,112.40 | 1 | 1,745.44 | 1 | 1,378.48 | 1 | 1,011.52 | 1 | 644.56 | 1 | 292.74 | 1 | | | | | | | | |
| 1/4 | 1/4 | 3,916.37 | 1/4 | 3,572.59 | 1/4 | 3,205.63 | 1/4 | 2,838.67 | 1/4 | 2,471.71 | 1/4 | 2,104.75 | 1/4 | 1,737.79 | 1/4 | 1,370.83 | 1/4 | 1,003.87 | 1/4 | 636.91 | 1/4 | 285.66 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,910.90 | 1/2 | 3,564.95 | 1/2 | 3,197.99 | 1/2 | 2,831.03 | 1/2 | 2,464.07 | 1/2 | 2,097.11 | 1/2 | 1,730.15 | 1/2 | 1,363.19 | 1/2 | 996.23 | 1/2 | 629.27 | 1/2 | 278.57 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,905.44 | 3/4 | 3,557.30 | 3/4 | 3,190.34 | 3/4 | 2,823.38 | 3/4 | 2,456.42 | 3/4 | 2,089.46 | 3/4 | 1,722.50 | 3/4 | 1,355.54 | 3/4 | 988.58 | 3/4 | 621.62 | 3/4 | 271.49 | 3/4 | | | | | | | | |
| 2 | 2 | 3,899.97 | 2 | 3,549.66 | 2 | 3,182.70 | 2 | 2,815.74 | 2 | 2,448.78 | 2 | 2,081.82 | 2 | 1,714.86 | 2 | 1,347.90 | 2 | 980.94 | 2 | 614.12 | 2 | 264.70 | 2 | | | | | | | | |
| 1/4 | 1/4 | 3,894.50 | 1/4 | 3,542.01 | 1/4 | 3,175.05 | 1/4 | 2,808.09 | 1/4 | 2,441.13 | 1/4 | 2,074.17 | 1/4 | 1,707.21 | 1/4 | 1,340.25 | 1/4 | 973.29 | 1/4 | 606.62 | 1/4 | 257.92 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,889.04 | 1/2 | 3,534.37 | 1/2 | 3,167.41 | 1/2 | 2,800.45 | 1/2 | 2,433.49 | 1/2 | 2,066.53 | 1/2 | 1,699.57 | 1/2 | 1,332.61 | 1/2 | 965.65 | 1/2 | 599.11 | 1/2 | 251.13 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,883.57 | 3/4 | 3,526.72 | 3/4 | 3,159.76 | 3/4 | 2,792.80 | 3/4 | 2,425.84 | 3/4 | 2,058.88 | 3/4 | 1,691.92 | 3/4 | 1,324.96 | 3/4 | 958.00 | 3/4 | 591.61 | 3/4 | 244.35 | 3/4 | | | | | | | | |
| 3 | 3 | 3,878.10 | 3 | 3,519.08 | 3 | 3,152.12 | 3 | 2,785.16 | 3 | 2,418.20 | 3 | 2,051.24 | 3 | 1,684.28 | 3 | 1,317.32 | 3 | 950.36 | 3 | 584.10 | 3 | 237.56 | 3 | | | | | | | | |
| 1/4 | 1/4 | 3,872.63 | 1/4 | 3,511.43 | 1/4 | 3,144.47 | 1/4 | 2,777.51 | 1/4 | 2,410.55 | 1/4 | 2,043.59 | 1/4 | 1,676.63 | 1/4 | 1,309.67 | 1/4 | 942.71 | 1/4 | 576.60 | 1/4 | 230.78 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,865.71 | 1/2 | 3,503.79 | 1/2 | 3,136.83 | 1/2 | 2,769.87 | 1/2 | 2,402.91 | 1/2 | 2,035.95 | 1/2 | 1,668.99 | 1/2 | 1,302.03 | 1/2 | 935.07 | 1/2 | 569.10 | 1/2 | 223.99 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,858.78 | 3/4 | 3,496.14 | 3/4 | 3,129.18 | 3/4 | 2,762.22 | 3/4 | 2,395.26 | 3/4 | 2,028.30 | 3/4 | 1,661.34 | 3/4 | 1,294.38 | 3/4 | 927.42 | 3/4 | 561.59 | 3/4 | 217.21 | 3/4 | | | | | | | | |
| 4 | 4 | 3,851.86 | 4 | 3,488.50 | 4 | 3,121.54 | 4 | 2,754.58 | 4 | 2,387.62 | 4 | 2,020.66 | 4 | 1,653.70 | 4 | 1,286.74 | 4 | 919.78 | 4 | 554.09 | 4 | 210.42 | 4 | | | | | | | | |
| 1/4 | 1/4 | 3,844.93 | 1/4 | 3,480.85 | 1/4 | 3,113.89 | 1/4 | 2,746.93 | 1/4 | 2,379.97 | 1/4 | 2,013.01 | 1/4 | 1,646.05 | 1/4 | 1,279.09 | 1/4 | 912.13 | 1/4 | 546.58 | 1/4 | 203.64 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,838.01 | 1/2 | 3,473.21 | 1/2 | 3,106.25 | 1/2 | 2,739.29 | 1/2 | 2,372.33 | 1/2 | 2,005.37 | 1/2 | 1,638.41 | 1/2 | 1,271.45 | 1/2 | 904.49 | 1/2 | 539.08 | 1/2 | 196.85 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,831.08 | 3/4 | 3,465.56 | 3/4 | 3,098.60 | 3/4 | 2,731.64 | 3/4 | 2,364.68 | 3/4 | 1,997.72 | 3/4 | 1,630.76 | 3/4 | 1,263.80 | 3/4 | 896.84 | 3/4 | 531.58 | 3/4 | 190.07 | 3/4 | | | | | | | | |
| 5 | 5 | 3,824.16 | 5 | 3,457.92 | 5 | 3,090.96 | 5 | 2,724.00 | 5 | 2,357.04 | 5 | 1,990.08 | 5 | 1,623.12 | 5 | 1,256.16 | 5 | 889.20 | 5 | 524.07 | 5 | 183.28 | 5 | | | | | | | | |
| 1/4 | 1/4 | 3,817.23 | 1/4 | 3,450.27 | 1/4 | 3,083.31 | 1/4 | 2,716.35 | 1/4 | 2,349.39 | 1/4 | 1,982.43 | 1/4 | 1,615.47 | 1/4 | 1,248.51 | 1/4 | 881.55 | 1/4 | 516.57 | 1/4 | 176.50 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,809.59 | 1/2 | 3,442.63 | 1/2 | 3,075.67 | 1/2 | 2,708.71 | 1/2 | 2,341.75 | 1/2 | 1,974.79 | 1/2 | 1,607.83 | 1/2 | 1,240.87 | 1/2 | 873.91 | 1/2 | 509.06 | 1/2 | 169.71 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,801.94 | 3/4 | 3,434.98 | 3/4 | 3,068.02 | 3/4 | 2,701.06 | 3/4 | 2,334.10 | 3/4 | 1,967.14 | 3/4 | 1,600.18 | 3/4 | 1,233.22 | 3/4 | 866.26 | 3/4 | 501.56 | 3/4 | 162.93 | 3/4 | | | | | | | | |
| 6 | 6 | 3,794.30 | 6 | 3,427.34 | 6 | 3,060.38 | 6 | 2,693.42 | 6 | 2,326.46 | 6 | 1,959.50 | 6 | 1,592.54 | 6 | 1,225.58 | 6 | 858.62 | 6 | 494.06 | 6 | 156.14 | 6 | | | | | | | | |
| 1/4 | 1/4 | 3,786.65 | 1/4 | 3,419.69 | 1/4 | 3,052.73 | 1/4 | 2,685.77 | 1/4 | 2,318.81 | 1/4 | 1,951.85 | 1/4 | 1,584.89 | 1/4 | 1,217.93 | 1/4 | 850.97 | 1/4 | 486.55 | 1/4 | 149.36 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,779.01 | 1/2 | 3,412.05 | 1/2 | 3,045.09 | 1/2 | 2,678.13 | 1/2 | 2,311.17 | 1/2 | 1,944.21 | 1/2 | 1,577.25 | 1/2 | 1,210.29 | 1/2 | 843.33 | 1/2 | 479.05 | 1/2 | 142.57 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,776.96 | 3/4 | 3,410.36 | 3/4 | 3,043.44 | 3/4 | 2,670.48 | 3/4 | 2,303.52 | 3/4 | 1,936.56 | 3/4 | 1,569.60 | 3/4 | 1,202.64 | 3/4 | 835.68 | 3/4 | 471.54 | 3/4 | 135.79 | 3/4 | | | | | | | | |
| 7 | 7 | 3,767.78 | 7 | 3,396.72 | 7 | 3,029.80 | 7 | 2,662.84 | 7 | 2,295.88 | 7 | 1,928.92 | 7 | 1,561.96 | 7 | 1,195.00 | 7 | 828.04 | 7 | 464.04 | 7 | 129.00 | 7 | | | | | | | | |
| 1/4 | 1/4 | 3,766.59 | 1/4 | 3,396.72 | 1/4 | 3,029.80 | 1/4 | 2,662.84 | 1/4 | 2,295.88 | 1/4 | 1,928.92 | 1/4 | 1,561.96 | 1/4 | 1,195.00 | 1/4 | 828.04 | 1/4 | 464.04 | 1/4 | 129.00 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,755.50 | 1/2 | 3,389.11 | 1/2 | 3,022.15 | 1/2 | 2,655.19 | 1/2 | 2,288.23 | 1/2 | 1,921.27 | 1/2 | 1,554.31 | 1/2 | 1,187.35 | 1/2 | 820.39 | 1/2 | 456.54 | 1/2 | 122.22 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,747.41 | 3/4 | 3,381.47 | 3/4 | 3,014.51 | 3/4 | 2,647.55 | 3/4 | 2,280.59 | 3/4 | 1,913.63 | 3/4 | 1,546.67 | 3/4 | 1,179.71 | 3/4 | 812.75 | 3/4 | 449.03 | 3/4 | 115.43 | 3/4 | | | | | | | | |
| 8 | 8 | 3,740.78 | 8 | 3,373.82 | 8 | 3,006.86 | 8 | 2,639.90 | 8 | 2,272.94 | 8 | 1,905.98 | 8 | 1,539.02 | 8 | 1,172.06 | 8 | 805.10 | 8 | 441.53 | 8 | 108.65 | 8 | | | | | | | | |
| 1/4 | 1/4 | 3,733.32 | 1/4 | 3,366.18 | 1/4 | 2,999.22 | 1/4 | 2,632.26 | 1/4 | 2,265.30 | 1/4 | 1,898.34 | 1/4 | 1,531.38 | 1/4 | 1,164.42 | 1/4 | 797.46 | 1/4 | 434.44 | 1/4 | 102.16 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,722.22 | 1/2 | 3,358.53 | 1/2 | 2,991.57 | 1/2 | 2,624.61 | 1/2 | 2,257.65 | 1/2 | 1,890.69 | 1/2 | 1,523.73 | 1/2 | 1,156.77 | 1/2 | 789.81 | 1/2 | 427.36 | 1/2 | 95.68 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,717.85 | 3/4 | 3,350.89 | 3/4 | 2,983.93 | 3/4 | 2,616.97 | 3/4 | 2,250.01 | 3/4 | 1,883.05 | 3/4 | 1,516.09 | 3/4 | 1,149.13 | 3/4 | 782.17 | 3/4 | 420.27 | 3/4 | 89.19 | 3/4 | | | | | | | | |
| 9 | 9 | 3,710.20 | 9 | 3,343.24 | 9 | 2,976.28 | 9 | 2,609.32 | 9 | 2,242.36 | 9 | 1,875.40 | 9 | 1,508.44 | 9 | 1,141.48 | 9 | 774.52 | 9 | 413.19 | 9 | 82.71 | 9 | | | | | | | | |
| 1/4 | 1/4 | 3,702.56 | 1/4 | 3,335.60 | 1/4 | 2,968.64 | 1/4 | 2,601.68 | 1/4 | 2,234.72 | 1/4 | 1,867.76 | 1/4 | 1,500.80 | 1/4 | 1,133.84 | 1/4 | 766.88 | 1/4 | 406.10 | 1/4 | 76.22 | 1/4 | | | | | | | | |
| 1/2 | 1/2 | 3,697.85 | 1/2 | 3,327.95 | 1/2 | 2,960.99 | 1/2 | 2,594.03 | 1/2 | 2,227.07 | 1/2 | 1,860.11 | 1/2 | 1,493.15 | 1/2 | 1,126.19 | 1/2 | 759.23 | 1/2 | 399.02 | 1/2 | 69.74 | 1/2 | | | | | | | | |
| 3/4 | 3/4 | 3,695.42 | 3/4 | 3,320.31 | 3/4 | 2,953.35 | 3/4 | 2,586.39 | 3/4 | 2,219.43 | 3/4 | 1,852.47 | 3/4 | 1,485.51 | 3/4 | 1,118.55 | 3/4 | 751.59 | 3/4 | 391.93 | 3/4 | 63.25 | 3/4 | | | </ | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

OUTAGE TABLE

2 PORT

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | |
|-------|--|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|-----|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | 3,843.01 | 0 | 3,528.86 | 0 | 3,174.72 | 0 | 2,820.57 | 0 | 2,466.43 | 0 | 2,112.29 | 0 | 1,758.14 | 0 | 1,404.00 | 0 | 1,049.85 | 0 | 695.71 | 0 | 341.57 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | | 1/4 | 3,839.14 | 1/4 | 3,521.48 | 1/4 | 3,167.34 | 1/4 | 2,813.20 | 1/4 | 2,459.05 | 1/4 | 2,104.91 | 1/4 | 1,750.76 | 1/4 | 1,396.62 | 1/4 | 1,042.48 | 1/4 | 688.33 | 1/4 | 334.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,835.28 | 1/2 | 3,514.11 | 1/2 | 3,159.96 | 1/2 | 2,805.82 | 1/2 | 2,451.67 | 1/2 | 2,097.53 | 1/2 | 1,743.39 | 1/2 | 1,389.24 | 1/2 | 1,035.10 | 1/2 | 680.95 | 1/2 | 326.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,831.41 | 3/4 | 3,506.73 | 3/4 | 3,152.58 | 3/4 | 2,798.44 | 3/4 | 2,444.30 | 3/4 | 2,090.15 | 3/4 | 1,736.01 | 3/4 | 1,381.86 | 3/4 | 1,027.72 | 3/4 | 673.58 | 3/4 | 319.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | | 1 | 3,827.54 | 1 | 3,499.35 | 1 | 3,145.21 | 1 | 2,791.06 | 1 | 2,436.92 | 1 | 2,082.77 | 1 | 1,728.63 | 1 | 1,374.49 | 1 | 1,020.34 | 1 | 666.20 | 1 | 312.17 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | | 1/4 | 3,823.68 | 1/4 | 3,491.97 | 1/4 | 3,137.83 | 1/4 | 2,783.68 | 1/4 | 2,429.54 | 1/4 | 2,075.40 | 1/4 | 1,721.25 | 1/4 | 1,367.11 | 1/4 | 1,012.96 | 1/4 | 658.82 | 1/4 | 304.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,818.40 | 1/2 | 3,484.59 | 1/2 | 3,130.45 | 1/2 | 2,776.31 | 1/2 | 2,422.16 | 1/2 | 2,068.02 | 1/2 | 1,713.87 | 1/2 | 1,359.73 | 1/2 | 1,005.59 | 1/2 | 651.44 | 1/2 | 297.64 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,813.13 | 3/4 | 3,477.22 | 3/4 | 3,123.07 | 3/4 | 2,768.93 | 3/4 | 2,414.78 | 3/4 | 2,060.64 | 3/4 | 1,706.50 | 3/4 | 1,352.35 | 3/4 | 998.21 | 3/4 | 644.06 | 3/4 | 290.38 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | | 2 | 3,807.86 | 2 | 3,469.84 | 2 | 3,115.69 | 2 | 2,761.55 | 2 | 2,407.41 | 2 | 2,053.26 | 2 | 1,699.12 | 2 | 1,344.97 | 2 | 990.83 | 2 | 636.69 | 2 | 283.12 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | | 1/4 | 3,802.59 | 1/4 | 3,462.46 | 1/4 | 3,108.32 | 1/4 | 2,754.17 | 1/4 | 2,400.03 | 1/4 | 2,045.88 | 1/4 | 1,691.74 | 1/4 | 1,337.60 | 1/4 | 983.45 | 1/4 | 629.31 | 1/4 | 275.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,797.32 | 1/2 | 3,455.08 | 1/2 | 3,100.94 | 1/2 | 2,746.79 | 1/2 | 2,392.65 | 1/2 | 2,038.51 | 1/2 | 1,684.36 | 1/2 | 1,330.22 | 1/2 | 976.07 | 1/2 | 621.93 | 1/2 | 268.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,792.04 | 3/4 | 3,447.70 | 3/4 | 3,093.56 | 3/4 | 2,739.42 | 3/4 | 2,385.27 | 3/4 | 2,031.13 | 3/4 | 1,676.98 | 3/4 | 1,322.84 | 3/4 | 968.70 | 3/4 | 614.55 | 3/4 | 261.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | | 3 | 3,786.77 | 3 | 3,440.33 | 3 | 3,086.18 | 3 | 2,732.04 | 3 | 2,377.89 | 3 | 2,023.75 | 3 | 1,669.61 | 3 | 1,315.46 | 3 | 961.32 | 3 | 607.17 | 3 | 254.06 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | | 1/4 | 3,781.50 | 1/4 | 3,432.95 | 1/4 | 3,078.80 | 1/4 | 2,724.66 | 1/4 | 2,370.52 | 1/4 | 2,016.37 | 1/4 | 1,662.23 | 1/4 | 1,308.08 | 1/4 | 953.94 | 1/4 | 599.80 | 1/4 | 246.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,774.82 | 1/2 | 3,425.57 | 1/2 | 3,071.43 | 1/2 | 2,717.28 | 1/2 | 2,363.14 | 1/2 | 2,008.99 | 1/2 | 1,654.85 | 1/2 | 1,300.71 | 1/2 | 946.56 | 1/2 | 592.42 | 1/2 | 239.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,768.14 | 3/4 | 3,418.19 | 3/4 | 3,064.05 | 3/4 | 2,709.90 | 3/4 | 2,355.76 | 3/4 | 2,001.62 | 3/4 | 1,647.47 | 3/4 | 1,293.33 | 3/4 | 939.18 | 3/4 | 585.04 | 3/4 | 232.28 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | | 4 | 3,761.46 | 4 | 3,410.81 | 4 | 3,056.67 | 4 | 2,702.53 | 4 | 2,348.38 | 4 | 1,994.24 | 4 | 1,640.09 | 4 | 1,285.95 | 4 | 931.81 | 4 | 577.66 | 4 | 225.01 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | | 1/4 | 3,754.78 | 1/4 | 3,403.44 | 1/4 | 3,049.29 | 1/4 | 2,695.15 | 1/4 | 2,341.00 | 1/4 | 1,986.86 | 1/4 | 1,632.72 | 1/4 | 1,278.57 | 1/4 | 924.43 | 1/4 | 570.28 | 1/4 | 217.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,748.11 | 1/2 | 3,396.06 | 1/2 | 3,041.91 | 1/2 | 2,687.77 | 1/2 | 2,333.63 | 1/2 | 1,979.48 | 1/2 | 1,625.34 | 1/2 | 1,271.19 | 1/2 | 917.05 | 1/2 | 562.91 | 1/2 | 210.49 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,741.43 | 3/4 | 3,388.68 | 3/4 | 3,034.54 | 3/4 | 2,680.39 | 3/4 | 2,326.25 | 3/4 | 1,972.10 | 3/4 | 1,617.96 | 3/4 | 1,263.82 | 3/4 | 909.67 | 3/4 | 555.53 | 3/4 | 203.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | | 5 | 3,734.75 | 5 | 3,381.30 | 5 | 3,027.16 | 5 | 2,673.01 | 5 | 2,318.87 | 5 | 1,964.73 | 5 | 1,610.58 | 5 | 1,256.44 | 5 | 902.29 | 5 | 548.15 | 5 | 195.96 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | | 1/4 | 3,728.07 | 1/4 | 3,373.92 | 1/4 | 3,019.78 | 1/4 | 2,665.64 | 1/4 | 2,311.49 | 1/4 | 1,957.35 | 1/4 | 1,603.20 | 1/4 | 1,249.06 | 1/4 | 894.92 | 1/4 | 540.77 | 1/4 | 188.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,720.69 | 1/2 | 3,366.55 | 1/2 | 3,012.40 | 1/2 | 2,658.26 | 1/2 | 2,304.11 | 1/2 | 1,949.97 | 1/2 | 1,595.83 | 1/2 | 1,241.68 | 1/2 | 887.54 | 1/2 | 533.39 | 1/2 | 181.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,713.31 | 3/4 | 3,359.17 | 3/4 | 3,005.02 | 3/4 | 2,650.88 | 3/4 | 2,296.74 | 3/4 | 1,942.59 | 3/4 | 1,588.45 | 3/4 | 1,234.30 | 3/4 | 880.16 | 3/4 | 526.02 | 3/4 | 174.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | | 6 | 3,705.93 | 6 | 3,351.79 | 6 | 2,997.65 | 6 | 2,643.50 | 6 | 2,289.36 | 6 | 1,935.21 | 6 | 1,581.07 | 6 | 1,226.93 | 6 | 872.78 | 6 | 518.64 | 6 | 166.91 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | | 1/4 | 3,698.56 | 1/4 | 3,344.41 | 1/4 | 2,990.27 | 1/4 | 2,636.12 | 1/4 | 2,281.98 | 1/4 | 1,927.84 | 1/4 | 1,573.69 | 1/4 | 1,219.55 | 1/4 | 865.40 | 1/4 | 511.26 | 1/4 | 159.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,691.18 | 1/2 | 3,337.03 | 1/2 | 2,982.89 | 1/2 | 2,628.75 | 1/2 | 2,274.60 | 1/2 | 1,920.46 | 1/2 | 1,566.31 | 1/2 | 1,212.17 | 1/2 | 858.03 | 1/2 | 503.88 | 1/2 | 152.38 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,883.08 | 3/4 | 3,683.80 | 3/4 | 3,329.66 | 3/4 | 2,975.51 | 3/4 | 2,621.37 | 3/4 | 2,267.22 | 3/4 | 1,913.08 | 3/4 | 1,558.94 | 3/4 | 1,204.79 | 3/4 | 850.65 | 3/4 | 496.50 | 3/4 | 145.12 | 3/4 | | 3/4 | | 3/4 | |
| 7 | | 7 | 3,882.91 | 7 | 3,676.42 | 7 | 3,322.28 | 7 | 2,968.13 | 7 | 2,613.99 | 7 | 2,259.85 | 7 | 1,905.70 | 7 | 1,551.56 | 7 | 1,197.41 | 7 | 843.27 | 7 | 489.13 | 7 | 137.86 | 7 | | 7 | | 7 | |
| 1/4 | | 1/4 | 3,882.73 | 1/4 | 3,669.04 | 1/4 | 3,314.90 | 1/4 | 2,960.76 | 1/4 | 2,606.61 | 1/4 | 2,252.47 | 1/4 | 1,898.32 | 1/4 | 1,544.18 | 1/4 | 1,190.04 | 1/4 | 835.89 | 1/4 | 481.75 | 1/4 | 130.59 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,881.68 | 1/2 | 3,661.67 | 1/2 | 3,307.52 | 1/2 | 2,953.38 | 1/2 | 2,599.23 | 1/2 | 2,245.09 | 1/2 | 1,890.95 | 1/2 | 1,536.80 | 1/2 | 1,182.66 | 1/2 | 828.51 | 1/2 | 474.37 | 1/2 | 123.33 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,880.62 | 3/4 | 3,654.29 | 3/4 | 3,300.14 | 3/4 | 2,946.00 | 3/4 | 2,591.86 | 3/4 | 2,237.71 | 3/4 | 1,883.57 | 3/4 | 1,529.42 | 3/4 | 1,175.28 | 3/4 | 821.14 | 3/4 | 466.99 | 3/4 | 116.07 | 3/4 | | 3/4 | | 3/4 | |
| 8 | | 8 | 3,879.57 | 8 | 3,646.91 | 8 | 3,292.77 | 8 | 2,938.62 | 8 | 2,584.48 | 8 | 2,230.33 | 8 | 1,876.19 | 8 | 1,522.05 | 8 | 1,167.90 | 8 | 813.76 | 8 | 459.61 | 8 | 108.80 | 8 | | 8 | | 8 | |
| 1/4 | | 1/4 | 3,878.52 | 1/4 | 3,639.53 | 1/4 | 3,285.39 | 1/4 | 2,931.24 | 1/4 | 2,577.10 | 1/4 | 2,222.96 | 1/4 | 1,868.81 | 1/4 | 1,514.67 | 1/4 | 1,160.52 | 1/4 | 806.38 | 1/4 | 452.24 | 1/4 | 101.54 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,877.46 | 1/2 | 3,632.15 | 1/2 | 3,278.01 | 1/2 | 2,923.87 | 1/2 | 2,569.72 | 1/2 | 2,215.58 | 1/2 | 1,861.43 | 1/2 | 1,507.29 | 1/2 | 1,153.15 | 1/2 | 799.00 | 1/2 | 444.86 | 1/2 | 94.28 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,876.41 | 3/4 | 3,624.78 | 3/4 | 3,270.63 | 3/4 | 2,916.49 | 3/4 | 2,562.34 | 3/4 | 2,208.20 | 3/4 | 1,854.06 | 3/4 | 1,499.91 | 3/4 | 1,145.77 | 3/4 | 791.62 | 3/4 | 437.48 | 3/4 | 87.02 | 3/4 | | 3/4 | | 3/4 | |
| 9 | | 9 | 3,875.35 | 9 | 3,617.40 | 9 | 3,263.25 | 9 | 2,909.11 | 9 | 2,554.97 | 9 | 2,200.82 | 9 | 1,846.68 | 9 | 1,492.53 | 9 | 1,138.39 | 9 | 784.25 | 9 | 430.10 | 9 | 79.75 | 9 | | 9 | | 9 | |
| 1/4 | | 1/4 | 3,874.30 | 1/4 | 3,610.02 | 1/4 | 3,255.88 | 1/4 | 2,901.73 | 1/4 | 2,547.59 | 1/4 | 2,193.44 | 1/4 | 1,839.30 | 1/4 | 1,485.16 | 1/4 | 1,131.01 | 1/4 | 776.87 | 1/4 | 422.72 | 1/4 | 72.49 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,871.84 | 1/2 | 3,602.64 | 1/2 | 3,248.50 | 1/2 | 2,894 | | | | | | | | | | | | | | | | | | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

OUTAGE TABLE

2 STAR

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | | | | | |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|--------|--------|--------|--------|---------|--------|--|--------|--|-----|--|-----|--|---|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | | | | |
| 0 | | 0 | 3,846.88 | 0 | 3,536.24 | 0 | 3,182.10 | 0 | 2,827.95 | 0 | 2,473.81 | 0 | 2,119.66 | 0 | 1,765.52 | 0 | 1,411.38 | 0 | 1,057.23 | 0 | 703.09 | 0 | 348.94 | 0 | * 14.63 | 0 | | 0 | | 0 | | | | | |
| 1/4 | | 1/4 | 3,843.01 | 1/4 | 3,528.86 | 1/4 | 3,174.72 | 1/4 | 2,820.57 | 1/4 | 2,466.43 | 1/4 | 2,112.29 | 1/4 | 1,758.14 | 1/4 | 1,404.00 | 1/4 | 1,049.85 | 1/4 | 695.71 | 1/4 | 341.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | | | |
| 1/2 | | 1/2 | 3,839.14 | 1/2 | 3,521.48 | 1/2 | 3,167.34 | 1/2 | 2,813.20 | 1/2 | 2,459.05 | 1/2 | 2,104.91 | 1/2 | 1,750.76 | 1/2 | 1,396.62 | 1/2 | 1,042.48 | 1/2 | 688.33 | 1/2 | 334.19 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,835.28 | 3/4 | 3,514.11 | 3/4 | 3,154.96 | 3/4 | 2,805.82 | 3/4 | 2,451.67 | 3/4 | 2,097.53 | 3/4 | 1,743.39 | 3/4 | 1,389.24 | 3/4 | 1,035.10 | 3/4 | 680.95 | 3/4 | 326.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 1 | | 1 | 3,831.41 | 1 | 3,506.73 | 1 | 3,152.58 | 1 | 2,798.44 | 1 | 2,444.30 | 1 | 2,090.15 | 1 | 1,736.01 | 1 | 1,381.86 | 1 | 1,027.72 | 1 | 673.58 | 1 | 319.43 | 1 | | 1 | | 1 | | 1 | | 1 | | | |
| 1/4 | | 1/4 | 3,827.54 | 1/4 | 3,499.35 | 1/4 | 3,145.21 | 1/4 | 2,791.06 | 1/4 | 2,436.92 | 1/4 | 2,082.77 | 1/4 | 1,728.63 | 1/4 | 1,374.49 | 1/4 | 1,020.34 | 1/4 | 666.20 | 1/4 | 312.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,823.68 | 1/2 | 3,491.97 | 1/2 | 3,137.83 | 1/2 | 2,783.68 | 1/2 | 2,429.54 | 1/2 | 2,075.40 | 1/2 | 1,721.25 | 1/2 | 1,367.11 | 1/2 | 1,012.96 | 1/2 | 658.82 | 1/2 | 304.91 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,818.40 | 3/4 | 3,484.59 | 3/4 | 3,130.45 | 3/4 | 2,776.31 | 3/4 | 2,422.16 | 3/4 | 2,068.02 | 3/4 | 1,713.87 | 3/4 | 1,359.73 | 3/4 | 1,005.59 | 3/4 | 651.44 | 3/4 | 297.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 2 | | 2 | 3,813.13 | 2 | 3,477.22 | 2 | 3,123.07 | 2 | 2,768.93 | 2 | 2,414.78 | 2 | 2,060.64 | 2 | 1,706.50 | 2 | 1,352.35 | 2 | 998.21 | 2 | 644.06 | 2 | 290.38 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | | 1/4 | 3,807.86 | 1/4 | 3,469.84 | 1/4 | 3,115.69 | 1/4 | 2,761.55 | 1/4 | 2,407.41 | 1/4 | 2,053.26 | 1/4 | 1,699.12 | 1/4 | 1,344.97 | 1/4 | 990.83 | 1/4 | 636.69 | 1/4 | 283.12 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,802.59 | 1/2 | 3,462.46 | 1/2 | 3,108.32 | 1/2 | 2,754.17 | 1/2 | 2,400.03 | 1/2 | 2,045.88 | 1/2 | 1,691.74 | 1/2 | 1,337.60 | 1/2 | 983.45 | 1/2 | 629.31 | 1/2 | 275.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,797.32 | 3/4 | 3,455.08 | 3/4 | 3,100.94 | 3/4 | 2,746.79 | 3/4 | 2,392.65 | 3/4 | 2,038.51 | 3/4 | 1,684.36 | 3/4 | 1,330.22 | 3/4 | 976.07 | 3/4 | 621.93 | 3/4 | 268.59 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 3 | | 3 | 3,792.04 | 3 | 3,447.70 | 3 | 3,093.56 | 3 | 2,739.42 | 3 | 2,385.27 | 3 | 2,031.13 | 3 | 1,676.98 | 3 | 1,322.84 | 3 | 968.70 | 3 | 614.55 | 3 | 261.33 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | | 1/4 | 3,786.77 | 1/4 | 3,440.33 | 1/4 | 3,086.18 | 1/4 | 2,732.04 | 1/4 | 2,377.89 | 1/4 | 2,023.75 | 1/4 | 1,669.61 | 1/4 | 1,315.46 | 1/4 | 961.32 | 1/4 | 607.17 | 1/4 | 254.06 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,781.50 | 1/2 | 3,432.95 | 1/2 | 3,078.80 | 1/2 | 2,724.66 | 1/2 | 2,370.52 | 1/2 | 2,016.37 | 1/2 | 1,662.23 | 1/2 | 1,308.08 | 1/2 | 953.94 | 1/2 | 599.80 | 1/2 | 246.80 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,774.82 | 3/4 | 3,425.57 | 3/4 | 3,071.43 | 3/4 | 2,717.28 | 3/4 | 2,363.14 | 3/4 | 2,008.99 | 3/4 | 1,654.85 | 3/4 | 1,300.71 | 3/4 | 946.56 | 3/4 | 592.42 | 3/4 | 239.54 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 4 | | 4 | 3,768.14 | 4 | 3,418.19 | 4 | 3,064.05 | 4 | 2,709.90 | 4 | 2,355.76 | 4 | 2,001.62 | 4 | 1,647.47 | 4 | 1,293.33 | 4 | 939.18 | 4 | 585.04 | 4 | 232.28 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | | 1/4 | 3,761.46 | 1/4 | 3,410.81 | 1/4 | 3,056.67 | 1/4 | 2,702.53 | 1/4 | 2,348.38 | 1/4 | 1,994.24 | 1/4 | 1,640.09 | 1/4 | 1,285.95 | 1/4 | 931.81 | 1/4 | 577.66 | 1/4 | 225.01 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,754.78 | 1/2 | 3,403.44 | 1/2 | 3,049.29 | 1/2 | 2,695.15 | 1/2 | 2,341.00 | 1/2 | 1,986.86 | 1/2 | 1,632.72 | 1/2 | 1,278.57 | 1/2 | 924.43 | 1/2 | 570.28 | 1/2 | 217.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,748.11 | 3/4 | 3,396.06 | 3/4 | 3,041.91 | 3/4 | 2,687.77 | 3/4 | 2,333.63 | 3/4 | 1,979.48 | 3/4 | 1,625.34 | 3/4 | 1,271.19 | 3/4 | 917.05 | 3/4 | 562.91 | 3/4 | 210.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 5 | | 5 | 3,741.43 | 5 | 3,388.68 | 5 | 3,034.54 | 5 | 2,680.39 | 5 | 2,326.25 | 5 | 1,972.10 | 5 | 1,617.96 | 5 | 1,263.82 | 5 | 909.67 | 5 | 555.53 | 5 | 203.22 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | | 1/4 | 3,734.75 | 1/4 | 3,381.30 | 1/4 | 3,027.16 | 1/4 | 2,673.01 | 1/4 | 2,318.87 | 1/4 | 1,964.73 | 1/4 | 1,610.58 | 1/4 | 1,256.44 | 1/4 | 902.29 | 1/4 | 548.15 | 1/4 | 195.96 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,728.07 | 1/2 | 3,373.92 | 1/2 | 3,019.78 | 1/2 | 2,665.64 | 1/2 | 2,311.49 | 1/2 | 1,957.35 | 1/2 | 1,603.20 | 1/2 | 1,249.06 | 1/2 | 894.92 | 1/2 | 540.77 | 1/2 | 188.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,720.69 | 3/4 | 3,366.55 | 3/4 | 3,012.40 | 3/4 | 2,658.26 | 3/4 | 2,304.11 | 3/4 | 1,949.97 | 3/4 | 1,595.83 | 3/4 | 1,241.68 | 3/4 | 887.54 | 3/4 | 533.39 | 3/4 | 181.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 6 | | 6 | 3,713.31 | 6 | 3,359.17 | 6 | 3,005.02 | 6 | 2,650.88 | 6 | 2,296.74 | 6 | 1,942.59 | 6 | 1,588.45 | 6 | 1,234.30 | 6 | 880.16 | 6 | 526.02 | 6 | 174.17 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | | 1/4 | 3,705.93 | 1/4 | 3,351.79 | 1/4 | 2,997.65 | 1/4 | 2,643.50 | 1/4 | 2,289.36 | 1/4 | 1,935.21 | 1/4 | 1,581.07 | 1/4 | 1,226.93 | 1/4 | 872.78 | 1/4 | 518.64 | 1/4 | 166.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,698.56 | 1/2 | 3,344.41 | 1/2 | 2,990.27 | 1/2 | 2,636.12 | 1/2 | 2,281.98 | 1/2 | 1,927.84 | 1/2 | 1,573.69 | 1/2 | 1,219.55 | 1/2 | 865.40 | 1/2 | 511.26 | 1/2 | 159.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,691.18 | 3/4 | 3,337.03 | 3/4 | 2,982.89 | 3/4 | 2,628.75 | 3/4 | 2,274.60 | 3/4 | 1,920.46 | 3/4 | 1,566.31 | 3/4 | 1,212.17 | 3/4 | 858.03 | 3/4 | 503.88 | 3/4 | 152.38 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 7 | 3,883.08 | 7 | 3,683.80 | 7 | 3,329.66 | 7 | 2,975.51 | 7 | 2,621.37 | 7 | 2,267.22 | 7 | 1,913.08 | 7 | 1,558.94 | 7 | 1,204.79 | 7 | 850.65 | 7 | 496.50 | 7 | 145.12 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | | 1/4 | 3,882.91 | 1/4 | 3,676.42 | 1/4 | 3,322.28 | 1/4 | 2,968.13 | 1/4 | 2,613.99 | 1/4 | 1,905.70 | 1/4 | 1,551.56 | 1/4 | 1,197.41 | 1/4 | 843.27 | 1/4 | 489.13 | 1/4 | 137.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,882.73 | 1/2 | 3,669.04 | 1/2 | 3,314.90 | 1/2 | 2,960.76 | 1/2 | 2,606.61 | 1/2 | 2,252.47 | 1/2 | 1,898.32 | 1/2 | 1,544.18 | 1/2 | 1,190.04 | 1/2 | 835.89 | 1/2 | 481.75 | 1/2 | 130.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,881.68 | 3/4 | 3,661.67 | 3/4 | 3,307.52 | 3/4 | 2,953.38 | 3/4 | 2,599.23 | 3/4 | 2,245.09 | 3/4 | 1,890.95 | 3/4 | 1,536.80 | 3/4 | 1,182.66 | 3/4 | 828.51 | 3/4 | 474.37 | 3/4 | 123.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 8 | 3,880.62 | 8 | 3,654.29 | 8 | 3,300.14 | 8 | 2,946.00 | 8 | 2,591.86 | 8 | 2,237.71 | 8 | 1,883.57 | 8 | 1,529.42 | 8 | 1,175.28 | 8 | 821.14 | 8 | 466.99 | 8 | 116.07 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | | 1/4 | 3,879.57 | 1/4 | 3,646.91 | 1/4 | 3,292.77 | 1/4 | 2,938.62 | 1/4 | 2,584.48 | 1/4 | 2,230.33 | 1/4 | 1,876.19 | 1/4 | 1,522.05 | 1/4 | 1,167.90 | 1/4 | 459.61 | 1/4 | 108.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,878.52 | 1/2 | 3,639.53 | 1/2 | 3,285.39 | 1/2 | 2,931.24 | 1/2 | 2,577.10 | 1/2 | 2,222.96 | 1/2 | 1,868.81 | 1/2 | 1,514.67 | 1/2 | 1,160.52 | 1/2 | 452.24 | 1/2 | 101.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,877.46 | 3/4 | 3,632.15 | 3/4 | 3,278.01 | 3/4 | 2,923.87 | 3/4 | 2,569.72 | 3/4 | 2,215.58 | 3/4 | 1,861.43 | 3/4 | 1,507.29 | 3/4 | 1,153.15 | 3/4 | 444.86 | 3/4 | 94.28 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 9 | 3,876.41 | 9 | 3,624.78 | 9 | 3,270.63 | 9 | 2,916.49 | 9 | 2,562.34 | 9 | 2,208.20 | 9 | 1,854.06 | 9 | 1,499.91 | 9 | 1,145.77 | 9 | 791.62 | 9 | 437.48 | 9 | | | | | | | | | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

OUTAGE TABLE

3 PORT

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | | | |
|-------|----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|-----|--|---|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | | |
| 0 | | 0 | 3,951.69 | 0 | 3,624.51 | 0 | 3,260.09 | 0 | 2,895.68 | 0 | 2,531.26 | 0 | 2,166.84 | 0 | 1,802.43 | 0 | 1,438.01 | 0 | 1,073.60 | 0 | 709.18 | 0 | 344.76 | 0 | | 0 | | 0 | | 0 | | | |
| 1/4 | | 1/4 | 3,947.70 | 1/4 | 3,616.92 | 1/4 | 3,252.50 | 1/4 | 2,888.08 | 1/4 | 2,523.67 | 1/4 | 2,159.25 | 1/4 | 1,794.84 | 1/4 | 1,430.42 | 1/4 | 1,066.00 | 1/4 | 701.59 | 1/4 | 337.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,943.71 | 1/2 | 3,609.32 | 1/2 | 3,244.91 | 1/2 | 2,880.49 | 1/2 | 2,516.08 | 1/2 | 2,151.66 | 1/2 | 1,787.24 | 1/2 | 1,422.83 | 1/2 | 1,058.41 | 1/2 | 694.00 | 1/2 | 329.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,939.72 | 3/4 | 3,601.73 | 3/4 | 3,237.32 | 3/4 | 2,872.90 | 3/4 | 2,508.48 | 3/4 | 2,144.07 | 3/4 | 1,779.65 | 3/4 | 1,415.24 | 3/4 | 1,050.82 | 3/4 | 686.40 | 3/4 | 322.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 1 | | 1 | 3,935.73 | 1 | 3,594.14 | 1 | 3,229.72 | 1 | 2,865.31 | 1 | 2,500.89 | 1 | 2,136.48 | 1 | 1,772.06 | 1 | 1,407.64 | 1 | 1,043.23 | 1 | 678.81 | 1 | 314.59 | 1 | | 1 | | 1 | | 1 | | | |
| 1/4 | | 1/4 | 3,930.29 | 1/4 | 3,586.55 | 1/4 | 3,222.13 | 1/4 | 2,857.72 | 1/4 | 2,493.30 | 1/4 | 2,128.88 | 1/4 | 1,764.47 | 1/4 | 1,400.05 | 1/4 | 1,035.64 | 1/4 | 671.22 | 1/4 | 307.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,924.85 | 1/2 | 3,578.96 | 1/2 | 3,214.54 | 1/2 | 2,850.12 | 1/2 | 2,485.71 | 1/2 | 2,121.29 | 1/2 | 1,756.88 | 1/2 | 1,392.46 | 1/2 | 1,028.04 | 1/2 | 663.63 | 1/2 | 299.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,919.41 | 3/4 | 3,571.36 | 3/4 | 3,206.95 | 3/4 | 2,842.53 | 3/4 | 2,478.12 | 3/4 | 2,113.70 | 3/4 | 1,749.28 | 3/4 | 1,384.87 | 3/4 | 1,020.45 | 3/4 | 656.04 | 3/4 | 292.11 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 2 | | 2 | 3,913.97 | 2 | 3,563.77 | 2 | 3,199.36 | 2 | 2,834.94 | 2 | 2,470.52 | 2 | 2,106.11 | 2 | 1,741.69 | 2 | 1,377.28 | 2 | 1,012.86 | 2 | 648.44 | 2 | 284.62 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | | 1/4 | 3,908.53 | 1/4 | 3,556.18 | 1/4 | 3,191.76 | 1/4 | 2,827.35 | 1/4 | 2,462.93 | 1/4 | 2,098.52 | 1/4 | 1,734.10 | 1/4 | 1,369.68 | 1/4 | 1,005.27 | 1/4 | 640.85 | 1/4 | 277.12 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,903.09 | 1/2 | 3,548.59 | 1/2 | 3,184.17 | 1/2 | 2,819.76 | 1/2 | 2,455.34 | 1/2 | 2,090.92 | 1/2 | 1,726.51 | 1/2 | 1,362.09 | 1/2 | 997.68 | 1/2 | 633.26 | 1/2 | 269.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,897.65 | 3/4 | 3,541.00 | 3/4 | 3,176.58 | 3/4 | 2,812.16 | 3/4 | 2,447.75 | 3/4 | 2,083.33 | 3/4 | 1,718.92 | 3/4 | 1,354.50 | 3/4 | 990.08 | 3/4 | 625.67 | 3/4 | 262.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 3 | | 3 | 3,892.21 | 3 | 3,533.40 | 3 | 3,168.99 | 3 | 2,804.57 | 3 | 2,440.16 | 3 | 2,075.74 | 3 | 1,711.32 | 3 | 1,346.91 | 3 | 982.49 | 3 | 618.08 | 3 | 254.64 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | | 1/4 | 3,885.32 | 1/4 | 3,525.81 | 1/4 | 3,161.40 | 1/4 | 2,796.98 | 1/4 | 2,432.56 | 1/4 | 2,068.15 | 1/4 | 1,703.73 | 1/4 | 1,339.32 | 1/4 | 974.90 | 1/4 | 610.48 | 1/4 | 247.15 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,878.43 | 1/2 | 3,518.22 | 1/2 | 3,153.80 | 1/2 | 2,789.39 | 1/2 | 2,424.97 | 1/2 | 2,060.56 | 1/2 | 1,696.14 | 1/2 | 1,331.72 | 1/2 | 967.31 | 1/2 | 602.89 | 1/2 | 239.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,871.54 | 3/4 | 3,510.63 | 3/4 | 3,146.21 | 3/4 | 2,781.80 | 3/4 | 2,417.38 | 3/4 | 2,052.96 | 3/4 | 1,688.55 | 3/4 | 1,324.13 | 3/4 | 959.72 | 3/4 | 595.30 | 3/4 | 232.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 4 | | 4 | 3,864.65 | 4 | 3,503.04 | 4 | 3,138.62 | 4 | 2,774.20 | 4 | 2,409.79 | 4 | 2,045.37 | 4 | 1,680.96 | 4 | 1,316.54 | 4 | 952.12 | 4 | 587.71 | 4 | 224.66 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | | 1/4 | 3,857.76 | 1/4 | 3,495.44 | 1/4 | 3,131.03 | 1/4 | 2,766.61 | 1/4 | 2,402.20 | 1/4 | 2,037.78 | 1/4 | 1,673.36 | 1/4 | 1,308.95 | 1/4 | 944.53 | 1/4 | 580.12 | 1/4 | 217.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,850.87 | 1/2 | 3,487.85 | 1/2 | 3,123.44 | 1/2 | 2,759.02 | 1/2 | 2,394.60 | 1/2 | 2,030.19 | 1/2 | 1,665.77 | 1/2 | 1,301.36 | 1/2 | 936.94 | 1/2 | 572.52 | 1/2 | 209.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,843.98 | 3/4 | 3,480.26 | 3/4 | 3,115.84 | 3/4 | 2,751.43 | 3/4 | 2,387.01 | 3/4 | 2,022.60 | 3/4 | 1,658.18 | 3/4 | 1,293.76 | 3/4 | 929.35 | 3/4 | 564.93 | 3/4 | 202.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 5 | | 5 | 3,837.08 | 5 | 3,472.67 | 5 | 3,108.25 | 5 | 2,743.84 | 5 | 2,379.42 | 5 | 2,015.00 | 5 | 1,650.59 | 5 | 1,286.17 | 5 | 921.76 | 5 | 557.34 | 5 | 194.69 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | | 1/4 | 3,829.49 | 1/4 | 3,465.08 | 1/4 | 3,100.66 | 1/4 | 2,736.24 | 1/4 | 2,371.83 | 1/4 | 2,007.41 | 1/4 | 1,643.00 | 1/4 | 1,278.58 | 1/4 | 914.16 | 1/4 | 549.75 | 1/4 | 187.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,821.90 | 1/2 | 3,457.48 | 1/2 | 3,093.07 | 1/2 | 2,728.65 | 1/2 | 2,364.24 | 1/2 | 1,999.82 | 1/2 | 1,635.40 | 1/2 | 1,270.99 | 1/2 | 906.57 | 1/2 | 542.16 | 1/2 | 179.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,814.31 | 3/4 | 3,449.89 | 3/4 | 3,085.48 | 3/4 | 2,721.06 | 3/4 | 2,356.64 | 3/4 | 1,992.23 | 3/4 | 1,627.81 | 3/4 | 1,263.40 | 3/4 | 898.98 | 3/4 | 534.56 | 3/4 | 172.21 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 6 | | 6 | 3,806.72 | 6 | 3,442.30 | 6 | 3,077.88 | 6 | 2,713.47 | 6 | 2,349.05 | 6 | 1,984.64 | 6 | 1,620.22 | 6 | 1,255.80 | 6 | 891.39 | 6 | 526.97 | 6 | 164.71 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | | 1/4 | 3,799.12 | 1/4 | 3,434.71 | 1/4 | 3,070.29 | 1/4 | 2,705.88 | 1/4 | 2,341.46 | 1/4 | 1,977.04 | 1/4 | 1,612.63 | 1/4 | 1,248.21 | 1/4 | 883.80 | 1/4 | 519.38 | 1/4 | 157.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,997.03 | 1/2 | 3,791.53 | 1/2 | 3,427.12 | 1/2 | 3,062.70 | 1/2 | 2,698.28 | 1/2 | 2,333.87 | 1/2 | 1,969.45 | 1/2 | 1,605.04 | 1/2 | 876.20 | 1/2 | 511.79 | 1/2 | 149.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,996.85 | 3/4 | 3,783.94 | 3/4 | 3,419.52 | 3/4 | 3,055.11 | 3/4 | 2,690.69 | 3/4 | 2,326.28 | 3/4 | 1,961.86 | 3/4 | 1,597.44 | 3/4 | 868.61 | 3/4 | 504.20 | 3/4 | 142.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | | |
| 7 | | 7 | 3,996.67 | 7 | 3,776.35 | 7 | 3,411.93 | 7 | 3,047.52 | 7 | 2,683.10 | 7 | 2,318.68 | 7 | 1,954.27 | 7 | 1,589.85 | 7 | 1,225.44 | 7 | 861.02 | 7 | 496.60 | 7 | 134.74 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | | 1/4 | 3,995.58 | 1/4 | 3,768.76 | 1/4 | 3,404.34 | 1/4 | 3,039.92 | 1/4 | 2,675.51 | 1/4 | 2,311.09 | 1/4 | 1,946.68 | 1/4 | 1,582.26 | 1/4 | 1,217.84 | 1/4 | 853.43 | 1/4 | 489.01 | 1/4 | 127.24 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,994.49 | 1/2 | 3,761.16 | 1/2 | 3,396.75 | 1/2 | 3,032.33 | 1/2 | 2,667.92 | 1/2 | 2,303.50 | 1/2 | 1,939.08 | 1/2 | 1,574.67 | 1/2 | 1,210.25 | 1/2 | 845.84 | 1/2 | 481.42 | 1/2 | 119.75 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,993.40 | 3/4 | 3,753.57 | 3/4 | 3,389.16 | 3/4 | 3,024.74 | 3/4 | 2,660.32 | 3/4 | 2,295.91 | 3/4 | 1,931.49 | 3/4 | 1,567.08 | 3/4 | 1,202.66 | 3/4 | 838.24 | 3/4 | 473.83 | 3/4 | 112.25 | 3/4 | | 3/4 | | 3/4 | | | |
| 8 | | 8 | 3,992.32 | 8 | 3,745.98 | 8 | 3,381.56 | 8 | 3,017.15 | 8 | 2,652.73 | 8 | 2,288.32 | 8 | 1,923.90 | 8 | 1,559.48 | 8 | 1,195.07 | 8 | 830.65 | 8 | 466.24 | 8 | 104.76 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | | 1/4 | 3,991.23 | 1/4 | 3,738.39 | 1/4 | 3,373.97 | 1/4 | 3,009.56 | 1/4 | 2,645.14 | 1/4 | 2,280.72 | 1/4 | 1,916.31 | 1/4 | 1,551.89 | 1/4 | 1,187.48 | 1/4 | 823.06 | 1/4 | 458.64 | 1/4 | 97.27 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | | 1/2 | 3,990.14 | 1/2 | 3,730.80 | 1/2 | 3,366.38 | 1/2 | 3,001.96 | 1/2 | 2,637.55 | 1/2 | 2,273.13 | 1/2 | 1,908.72 | 1/2 | 1,544.30 | 1/2 | 1,179.88 | 1/2 | 815.47 | 1/2 | 451.05 | 1/2 | 89.77 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | | 3/4 | 3,989.05 | 3/4 | 3,723.20 | 3/4 | 3,358.79 | 3/4 | 2,994.37 | 3/4 | 2,629.96 | 3/4 | 2,265.54 | 3/4 | 1,901.12 | 3/4 | 1,536.71 | 3/4 | 1,172.29 | 3/4 | 807.88 | 3/4 | 443.46 | 3/4 | 82.28 | 3/4 | | 3/4 | | 3/4 | | | |
| 9 | | 9 | 3,987.96 | 9 | 3,715.61 | 9 | 3,351.20 | 9 | 2,986.78 | 9 | 2,622.36 | 9 | 2,257.95 | 9 | 1,893.53 | 9 | 1,529.12 | 9 | 1,164.70 | 9 | 800.28 | 9 | 435.87 | 9 | 74.78 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | | 1/4 | 3,985.43 | 1/4 | 3,708.02 | 1/4 | 3,343.60 | 1/4 | 2,979.19 | 1/4 | 2,614.77 | 1/4 | 2,250.36 | 1/4 | 1,885.94 | 1/4 | 1,521.52 | 1/4 | 1,157.11 | 1/4 | 792.69 | 1/4 | 428.28 | 1/4 | 67.29 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | </ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |



BARGE "MM 76" MAGNOLIA MARINE

OUTAGE TABLE

3 STAR

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

HULL NO. 4494

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | | |
|-------|--|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|-----|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | 3,955.68 | 0 | 3,632.10 | 0 | 3,267.68 | 0 | 2,903.27 | 0 | 2,538.85 | 0 | 2,174.44 | 0 | 1,810.02 | 0 | 1,445.60 | 0 | 1,081.19 | 0 | 716.77 | 0 | 352.36 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | | 1/4 | 3,951.69 | 1/4 | 3,624.51 | 1/4 | 3,260.09 | 1/4 | 2,895.68 | 1/4 | 2,531.26 | 1/4 | 2,166.84 | 1/4 | 1,802.43 | 1/4 | 1,438.01 | 1/4 | 1,073.60 | 1/4 | 709.18 | 1/4 | 344.76 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,947.70 | 1/2 | 3,616.92 | 1/2 | 3,252.50 | 1/2 | 2,888.08 | 1/2 | 2,523.67 | 1/2 | 2,159.25 | 1/2 | 1,794.84 | 1/2 | 1,430.42 | 1/2 | 1,066.00 | 1/2 | 701.59 | 1/2 | 337.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,943.71 | 3/4 | 3,609.32 | 3/4 | 3,244.91 | 3/4 | 2,880.49 | 3/4 | 2,516.08 | 3/4 | 2,151.66 | 3/4 | 1,787.24 | 3/4 | 1,422.83 | 3/4 | 1,058.41 | 3/4 | 694.00 | 3/4 | 329.58 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | | 1 | 3,939.72 | 1 | 3,601.73 | 1 | 3,237.32 | 1 | 2,872.90 | 1 | 2,508.48 | 1 | 2,144.07 | 1 | 1,779.65 | 1 | 1,415.24 | 1 | 1,050.82 | 1 | 686.40 | 1 | 322.09 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | | 1/4 | 3,935.73 | 1/4 | 3,594.14 | 1/4 | 3,229.72 | 1/4 | 2,865.31 | 1/4 | 2,500.89 | 1/4 | 2,136.48 | 1/4 | 1,772.06 | 1/4 | 1,407.64 | 1/4 | 1,043.23 | 1/4 | 678.81 | 1/4 | 314.59 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,930.29 | 1/2 | 3,586.55 | 1/2 | 3,222.13 | 1/2 | 2,857.72 | 1/2 | 2,493.30 | 1/2 | 2,128.88 | 1/2 | 1,764.47 | 1/2 | 1,400.05 | 1/2 | 1,035.64 | 1/2 | 671.22 | 1/2 | 307.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,924.85 | 3/4 | 3,578.96 | 3/4 | 3,214.54 | 3/4 | 2,850.12 | 3/4 | 2,485.71 | 3/4 | 2,121.29 | 3/4 | 1,756.88 | 3/4 | 1,392.46 | 3/4 | 1,028.04 | 3/4 | 663.63 | 3/4 | 299.60 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | | 2 | 3,919.41 | 2 | 3,571.36 | 2 | 3,206.95 | 2 | 2,842.53 | 2 | 2,478.12 | 2 | 2,113.70 | 2 | 1,749.28 | 2 | 1,384.87 | 2 | 1,020.45 | 2 | 656.04 | 2 | 292.11 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | | 1/4 | 3,913.97 | 1/4 | 3,563.77 | 1/4 | 3,199.36 | 1/4 | 2,834.94 | 1/4 | 2,470.52 | 1/4 | 2,106.11 | 1/4 | 1,741.69 | 1/4 | 1,377.28 | 1/4 | 1,012.86 | 1/4 | 648.44 | 1/4 | 284.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,908.53 | 1/2 | 3,556.18 | 1/2 | 3,191.76 | 1/2 | 2,827.35 | 1/2 | 2,462.93 | 1/2 | 2,098.52 | 1/2 | 1,734.10 | 1/2 | 1,369.68 | 1/2 | 1,005.27 | 1/2 | 640.85 | 1/2 | 277.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,903.09 | 3/4 | 3,548.59 | 3/4 | 3,184.17 | 3/4 | 2,819.76 | 3/4 | 2,455.34 | 3/4 | 2,090.92 | 3/4 | 1,726.51 | 3/4 | 1,362.09 | 3/4 | 997.68 | 3/4 | 633.26 | 3/4 | 269.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | | 3 | 3,897.65 | 3 | 3,541.00 | 3 | 3,176.58 | 3 | 2,812.16 | 3 | 2,447.75 | 3 | 2,083.33 | 3 | 1,718.92 | 3 | 1,354.50 | 3 | 990.08 | 3 | 625.67 | 3 | 262.13 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | | 1/4 | 3,892.21 | 1/4 | 3,533.40 | 1/4 | 3,168.99 | 1/4 | 2,804.57 | 1/4 | 2,440.16 | 1/4 | 2,075.74 | 1/4 | 1,711.32 | 1/4 | 1,346.91 | 1/4 | 982.49 | 1/4 | 618.08 | 1/4 | 254.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,885.32 | 1/2 | 3,525.81 | 1/2 | 3,161.40 | 1/2 | 2,796.98 | 1/2 | 2,432.56 | 1/2 | 2,068.15 | 1/2 | 1,703.73 | 1/2 | 1,339.32 | 1/2 | 974.90 | 1/2 | 610.48 | 1/2 | 247.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,878.43 | 3/4 | 3,518.22 | 3/4 | 3,153.80 | 3/4 | 2,789.39 | 3/4 | 2,424.97 | 3/4 | 2,060.56 | 3/4 | 1,696.14 | 3/4 | 1,331.72 | 3/4 | 967.31 | 3/4 | 602.89 | 3/4 | 239.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | | 4 | 3,871.54 | 4 | 3,510.63 | 4 | 3,146.21 | 4 | 2,781.80 | 4 | 2,417.38 | 4 | 2,052.96 | 4 | 1,688.55 | 4 | 1,324.13 | 4 | 959.72 | 4 | 595.30 | 4 | 232.16 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | | 1/4 | 3,864.65 | 1/4 | 3,503.04 | 1/4 | 3,138.62 | 1/4 | 2,774.20 | 1/4 | 2,409.79 | 1/4 | 2,045.37 | 1/4 | 1,680.96 | 1/4 | 1,316.54 | 1/4 | 952.12 | 1/4 | 587.71 | 1/4 | 224.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,857.76 | 1/2 | 3,495.44 | 1/2 | 3,131.03 | 1/2 | 2,766.61 | 1/2 | 2,402.20 | 1/2 | 2,037.78 | 1/2 | 1,673.36 | 1/2 | 1,308.95 | 1/2 | 944.53 | 1/2 | 580.12 | 1/2 | 217.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,850.87 | 3/4 | 3,487.85 | 3/4 | 3,123.44 | 3/4 | 2,759.02 | 3/4 | 2,394.60 | 3/4 | 2,030.19 | 3/4 | 1,665.77 | 3/4 | 1,301.36 | 3/4 | 936.94 | 3/4 | 572.52 | 3/4 | 209.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | | 5 | 3,843.98 | 5 | 3,480.26 | 5 | 3,115.84 | 5 | 2,751.43 | 5 | 2,387.01 | 5 | 2,022.60 | 5 | 1,658.18 | 5 | 1,293.76 | 5 | 929.35 | 5 | 564.93 | 5 | 202.18 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | | 1/4 | 3,837.08 | 1/4 | 3,472.67 | 1/4 | 3,108.25 | 1/4 | 2,743.84 | 1/4 | 2,379.42 | 1/4 | 2,015.00 | 1/4 | 1,650.59 | 1/4 | 1,286.17 | 1/4 | 921.76 | 1/4 | 557.34 | 1/4 | 194.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,829.49 | 1/2 | 3,465.08 | 1/2 | 3,100.66 | 1/2 | 2,736.24 | 1/2 | 2,371.83 | 1/2 | 2,007.41 | 1/2 | 1,643.00 | 1/2 | 1,278.58 | 1/2 | 914.16 | 1/2 | 549.75 | 1/2 | 187.19 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,821.90 | 3/4 | 3,457.48 | 3/4 | 3,093.07 | 3/4 | 2,728.65 | 3/4 | 2,364.24 | 3/4 | 1,999.82 | 3/4 | 1,635.40 | 3/4 | 1,270.99 | 3/4 | 906.57 | 3/4 | 542.16 | 3/4 | 179.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | | 6 | 3,814.31 | 6 | 3,449.89 | 6 | 3,085.48 | 6 | 2,721.06 | 6 | 2,356.64 | 6 | 1,992.23 | 6 | 1,627.81 | 6 | 1,263.40 | 6 | 898.98 | 6 | 534.56 | 6 | 172.21 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | | 1/4 | 3,806.72 | 1/4 | 3,442.30 | 1/4 | 3,077.88 | 1/4 | 2,713.47 | 1/4 | 2,349.05 | 1/4 | 1,984.64 | 1/4 | 1,620.22 | 1/4 | 1,255.80 | 1/4 | 891.39 | 1/4 | 526.97 | 1/4 | 164.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,799.12 | 1/2 | 3,434.71 | 1/2 | 3,070.29 | 1/2 | 2,705.88 | 1/2 | 2,341.46 | 1/2 | 1,977.04 | 1/2 | 1,612.63 | 1/2 | 1,248.21 | 1/2 | 883.80 | 1/2 | 519.38 | 1/2 | 157.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,997.03 | 3/4 | 3,791.53 | 3/4 | 3,427.12 | 3/4 | 3,062.70 | 3/4 | 2,698.28 | 3/4 | 2,333.87 | 3/4 | 1,969.45 | 3/4 | 1,605.04 | 3/4 | 1,240.62 | 3/4 | 876.20 | 3/4 | 149.72 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | | 7 | 3,996.85 | 7 | 3,783.94 | 7 | 3,419.52 | 7 | 3,055.11 | 7 | 2,690.69 | 7 | 2,326.28 | 7 | 1,961.86 | 7 | 1,597.44 | 7 | 1,233.03 | 7 | 868.61 | 7 | 504.20 | 7 | 142.23 | 7 | | 7 | | 7 | |
| 1/4 | | 1/4 | 3,996.67 | 1/4 | 3,776.35 | 1/4 | 3,411.93 | 1/4 | 3,047.52 | 1/4 | 2,683.10 | 1/4 | 2,318.68 | 1/4 | 1,954.27 | 1/4 | 1,589.85 | 1/4 | 1,225.44 | 1/4 | 861.02 | 1/4 | 496.60 | 1/4 | 134.74 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,995.58 | 1/2 | 3,768.76 | 1/2 | 3,404.34 | 1/2 | 3,039.92 | 1/2 | 2,675.51 | 1/2 | 2,311.09 | 1/2 | 1,946.68 | 1/2 | 1,582.26 | 1/2 | 1,217.84 | 1/2 | 853.43 | 1/2 | 489.01 | 1/2 | 127.24 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,994.49 | 3/4 | 3,761.16 | 3/4 | 3,396.75 | 3/4 | 3,032.33 | 3/4 | 2,667.92 | 3/4 | 2,303.50 | 3/4 | 1,939.08 | 3/4 | 1,574.67 | 3/4 | 1,210.25 | 3/4 | 845.84 | 3/4 | 481.42 | 3/4 | 119.75 | 3/4 | | 3/4 | | 3/4 | |
| 8 | | 8 | 3,993.40 | 8 | 3,753.57 | 8 | 3,389.16 | 8 | 3,024.74 | 8 | 2,660.32 | 8 | 2,295.91 | 8 | 1,931.49 | 8 | 1,567.08 | 8 | 1,202.66 | 8 | 838.24 | 8 | 473.83 | 8 | 112.25 | 8 | | 8 | | 8 | |
| 1/4 | | 1/4 | 3,992.32 | 1/4 | 3,745.98 | 1/4 | 3,381.56 | 1/4 | 3,017.15 | 1/4 | 2,652.73 | 1/4 | 2,288.32 | 1/4 | 1,923.90 | 1/4 | 1,559.48 | 1/4 | 1,195.07 | 1/4 | 830.65 | 1/4 | 466.24 | 1/4 | 104.76 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,991.23 | 1/2 | 3,738.39 | 1/2 | 3,373.97 | 1/2 | 3,009.56 | 1/2 | 2,645.14 | 1/2 | 2,280.72 | 1/2 | 1,916.31 | 1/2 | 1,551.89 | 1/2 | 1,187.48 | 1/2 | 823.06 | 1/2 | 458.64 | 1/2 | 97.27 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | | 3/4 | 3,990.14 | 3/4 | 3,730.80 | 3/4 | 3,366.38 | 3/4 | 3,001.96 | 3/4 | 2,637.55 | 3/4 | 2,273.13 | 3/4 | 1,908.72 | 3/4 | 1,544.30 | 3/4 | 1,179.88 | 3/4 | 815.47 | 3/4 | 451.05 | 3/4 | 89.77 | 3/4 | | 3/4 | | 3/4 | |
| 9 | | 9 | 3,989.05 | 9 | 3,723.20 | 9 | 3,358.79 | 9 | 2,994.37 | 9 | 2,629.96 | 9 | 2,265.54 | 9 | 1,901.12 | 9 | 1,536.71 | 9 | 1,172.29 | 9 | 807.88 | 9 | 443.46 | 9 | 82.28 | 9 | | 9 | | 9 | |
| 1/4 | | 1/4 | 3,987.96 | 1/4 | 3,715.61 | 1/4 | 3,351.20 | 1/4 | 2,986.78 | 1/4 | 2,622.36 | 1/4 | 2,257.95 | 1/4 | 1,893.53 | 1/4 | 1,529.12 | 1/4 | 1,164.70 | 1/4 | 800.28 | 1/4 | 435.87 | 1/4 | 74.78 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | | 1/2 | 3,985.43 | 1/2 | 3,708.02 | 1/2 | 3,343.60 | 1/2 | 2,97 | | | | | | | | | | | | | | | | | | | | | | |