



# BARGE "WEB 271"

## ULLAGE TRIM TABLE

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 1 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 2 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 2 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 3 PORT | 00-3/4     | - 00-3/4     | 01-5/8     | - 01-5/8     | 02-3/8     | - 02-3/8     | 03-1/8     | - 03-1/8     | 04-0/8     | - 04-0/8     | 04-3/4     | - 04-3/4     |
| 3 STBD | 00-3/4     | - 00-3/4     | 01-5/8     | - 01-5/8     | 02-3/8     | - 02-3/8     | 03-1/8     | - 03-1/8     | 04-0/8     | - 04-0/8     | 04-3/4     | - 04-3/4     |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 4'-00"  
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 241'-09"

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PRECISION MEASUREMENT  
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# BARGE WEB 271"

# 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 0 FT. |     | 1 FT.    |     | 2 FT.    |     | 3 FT.    |     | 4 FT.    |     | 5 FT.    |     | 6 FT.    |     | 7 FT.    |     | 8 FT.    |     | 9 FT.    |     |          |
|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| IN    | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  |          |
| 0     | 0   | 5,038.68 | 0   | 4,882.66 | 0   | 4,325.79 | 0   | 3,966.93 | 0   | 3,611.39 | 0   | 3,263.74 | 0   | 2,896.08 | 0   | 2,538.43 | 0   | 2,180.78 |     |          |
| 1/4   | 1/4 | 5,031.24 | 1/4 | 4,675.21 | 1/4 | 4,318.36 | 1/4 | 3,961.50 | 1/4 | 3,603.94 | 1/4 | 3,246.29 | 1/4 | 2,888.63 | 1/4 | 2,530.98 | 1/4 | 2,173.33 |     |          |
| 1/2   | 1/2 | 5,023.91 | 1/2 | 4,667.78 | 1/2 | 4,310.92 | 1/2 | 3,954.07 | 1/2 | 3,596.49 | 1/2 | 3,238.84 | 1/2 | 2,881.18 | 1/2 | 2,523.53 | 1/2 | 2,165.88 |     |          |
| 3/4   | 3/4 | 5,016.56 | 3/4 | 4,660.34 | 3/4 | 4,303.49 | 3/4 | 3,946.63 | 3/4 | 3,589.04 | 3/4 | 3,231.38 | 3/4 | 2,873.73 | 3/4 | 2,516.08 | 3/4 | 2,158.43 |     |          |
| 1     | 1   | 5,009.21 | 1   | 4,652.91 | 1   | 4,296.05 | 1   | 3,939.20 | 1   | 3,581.59 | 1   | 3,223.93 | 1   | 2,866.28 | 1   | 2,508.63 | 1   | 2,150.97 |     |          |
| 1/4   | 1/4 | 5,001.86 | 1/4 | 4,645.47 | 1/4 | 4,288.62 | 1/4 | 3,931.76 | 1/4 | 3,574.13 | 1/4 | 3,216.48 | 1/4 | 2,858.83 | 1/4 | 2,501.18 | 1/4 | 2,143.52 |     |          |
| 1/2   | 1/2 | 4,994.51 | 1/2 | 4,638.04 | 1/2 | 4,281.18 | 1/2 | 3,924.33 | 1/2 | 3,566.68 | 1/2 | 3,209.03 | 1/2 | 2,851.38 | 1/2 | 2,493.73 | 1/2 | 2,136.07 |     |          |
| 3/4   | 3/4 | 4,987.15 | 3/4 | 4,630.61 | 3/4 | 4,273.75 | 3/4 | 3,916.88 | 3/4 | 3,559.23 | 3/4 | 3,201.58 | 3/4 | 2,843.93 | 3/4 | 2,486.27 | 3/4 | 2,128.62 |     |          |
| 2     | 2   | 4,979.79 | 2   | 4,623.17 | 2   | 4,266.31 | 2   | 3,909.43 | 2   | 3,551.78 | 2   | 3,194.13 | 2   | 2,836.48 | 2   | 2,478.82 | 2   | 2,121.17 |     |          |
| 1/4   | 1/4 | 4,972.44 | 1/4 | 4,615.74 | 1/4 | 4,258.88 | 1/4 | 3,901.98 | 1/4 | 3,544.33 | 1/4 | 3,186.68 | 1/4 | 2,829.02 | 1/4 | 2,471.37 | 1/4 | 2,113.72 |     |          |
| 1/2   | 1/2 | 4,965.08 | 1/2 | 4,608.30 | 1/2 | 4,251.45 | 1/2 | 3,894.53 | 1/2 | 3,536.88 | 1/2 | 3,179.23 | 1/2 | 2,821.57 | 1/2 | 2,463.92 | 1/2 | 2,106.27 |     |          |
| 3/4   | 3/4 | 4,957.67 | 3/4 | 4,600.87 | 3/4 | 4,244.01 | 3/4 | 3,887.08 | 3/4 | 3,529.43 | 3/4 | 3,171.78 | 3/4 | 2,814.12 | 3/4 | 2,456.47 | 3/4 | 2,098.82 |     |          |
| 3     | 3   | 4,950.25 | 3   | 4,593.43 | 3   | 4,236.58 | 3   | 3,879.63 | 3   | 3,521.98 | 3   | 3,164.32 | 3   | 2,806.67 | 3   | 2,449.02 | 3   | 2,091.37 |     |          |
| 1/4   | 1/4 | 4,942.84 | 1/4 | 4,586.00 | 1/4 | 4,229.14 | 1/4 | 3,872.18 | 1/4 | 3,514.63 | 1/4 | 3,156.87 | 1/4 | 2,799.22 | 1/4 | 2,441.57 | 1/4 | 2,083.91 |     |          |
| 1/2   | 1/2 | 4,935.42 | 1/2 | 4,578.56 | 1/2 | 4,221.71 | 1/2 | 3,864.73 | 1/2 | 3,507.08 | 1/2 | 3,149.42 | 1/2 | 2,791.77 | 1/2 | 2,434.12 | 1/2 | 2,076.46 |     |          |
| 3/4   | 3/4 | 4,927.99 | 3/4 | 4,571.13 | 3/4 | 4,214.27 | 3/4 | 3,857.28 | 3/4 | 3,499.62 | 3/4 | 3,141.97 | 3/4 | 2,784.32 | 3/4 | 2,426.67 | 3/4 | 2,069.01 |     |          |
| 4     | 4   | 4,920.55 | 4   | 4,563.69 | 4   | 4,206.84 | 4   | 3,849.83 | 4   | 3,492.17 | 4   | 3,134.52 | 4   | 2,776.87 | 4   | 2,419.21 | 4   | 2,061.57 |     |          |
| 1/4   | 1/4 | 4,913.12 | 1/4 | 4,556.26 | 1/4 | 4,199.40 | 1/4 | 3,842.37 | 1/4 | 3,484.72 | 1/4 | 3,127.07 | 1/4 | 2,769.42 | 1/4 | 2,411.76 | 1/4 | 2,054.12 |     |          |
| 1/2   | 1/2 | 4,905.68 | 1/2 | 4,548.83 | 1/2 | 4,191.97 | 1/2 | 3,834.92 | 1/2 | 3,477.27 | 1/2 | 3,119.62 | 1/2 | 2,761.97 | 1/2 | 2,404.31 | 1/2 | 2,046.67 |     |          |
| 3/4   | 3/4 | 4,898.25 | 3/4 | 4,541.39 | 3/4 | 4,184.54 | 3/4 | 3,827.47 | 3/4 | 3,469.82 | 3/4 | 3,112.17 | 3/4 | 2,754.51 | 3/4 | 2,396.86 | 3/4 | 2,039.22 |     |          |
| 5     | 5   | 4,890.81 | 5   | 4,533.96 | 5   | 4,177.10 | 5   | 3,820.02 | 5   | 3,462.37 | 5   | 3,104.72 | 5   | 2,747.06 | 5   | 2,389.41 | 5   | 2,031.78 |     |          |
| 1/4   | 1/4 | 4,883.38 | 1/4 | 4,526.52 | 1/4 | 4,169.67 | 1/4 | 3,812.57 | 1/4 | 3,454.92 | 1/4 | 3,097.26 | 1/4 | 2,739.61 | 1/4 | 2,381.96 | 1/4 | 2,024.33 |     |          |
| 1/2   | 1/2 | 5,198.96 | 1/2 | 4,875.94 | 1/2 | 4,519.09 | 1/2 | 4,162.23 | 1/2 | 3,805.12 | 1/2 | 3,447.47 | 1/2 | 3,089.81 | 1/2 | 2,732.16 | 1/2 | 2,374.51 | 1/2 | 2,016.88 |
| 3/4   | 3/4 | 5,195.05 | 3/4 | 4,868.51 | 3/4 | 4,511.65 | 3/4 | 4,154.80 | 3/4 | 3,797.67 | 3/4 | 3,440.02 | 3/4 | 3,082.36 | 3/4 | 2,724.71 | 3/4 | 2,367.06 | 3/4 | 2,009.43 |
| 6     | 6   | 5,191.15 | 6   | 4,861.07 | 6   | 4,504.22 | 6   | 4,147.36 | 6   | 3,790.22 | 6   | 3,432.56 | 6   | 3,074.91 | 6   | 2,717.26 | 6   | 2,359.61 | 6   | 2,001.99 |
| 1/4   | 1/4 | 5,187.25 | 1/4 | 4,853.64 | 1/4 | 4,496.78 | 1/4 | 4,139.93 | 1/4 | 3,782.77 | 1/4 | 3,425.11 | 1/4 | 3,067.46 | 1/4 | 2,709.81 | 1/4 | 2,352.15 | 1/4 | 1,994.54 |
| 1/2   | 1/2 | 5,183.35 | 1/2 | 4,846.21 | 1/2 | 4,489.35 | 1/2 | 4,132.49 | 1/2 | 3,775.31 | 1/2 | 3,417.66 | 1/2 | 3,060.01 | 1/2 | 2,702.36 | 1/2 | 2,344.70 | 1/2 | 1,987.09 |
| 3/4   | 3/4 | 5,178.39 | 3/4 | 4,838.77 | 3/4 | 4,481.92 | 3/4 | 4,125.06 | 3/4 | 3,767.86 | 3/4 | 3,410.21 | 3/4 | 3,052.56 | 3/4 | 2,694.91 | 3/4 | 2,337.25 | 3/4 | 1,979.64 |
| 7     | 7   | 5,173.42 | 7   | 4,831.34 | 7   | 4,474.48 | 7   | 4,117.62 | 7   | 3,760.41 | 7   | 3,402.76 | 7   | 3,045.11 | 7   | 2,687.45 | 7   | 2,329.80 | 7   | 1,972.19 |
| 1/4   | 1/4 | 5,168.46 | 1/4 | 4,823.90 | 1/4 | 4,467.05 | 1/4 | 4,110.19 | 1/4 | 3,752.96 | 1/4 | 3,395.31 | 1/4 | 3,037.66 | 1/4 | 2,680.00 | 1/4 | 2,322.35 | 1/4 | 1,964.74 |
| 1/2   | 1/2 | 5,163.49 | 1/2 | 4,816.47 | 1/2 | 4,459.61 | 1/2 | 4,102.76 | 1/2 | 3,745.51 | 1/2 | 3,387.86 | 1/2 | 3,030.20 | 1/2 | 2,672.55 | 1/2 | 2,314.90 | 1/2 | 1,957.29 |
| 3/4   | 3/4 | 5,157.46 | 3/4 | 4,809.03 | 3/4 | 4,452.18 | 3/4 | 4,095.32 | 3/4 | 3,738.06 | 3/4 | 3,380.41 | 3/4 | 3,022.75 | 3/4 | 2,665.10 | 3/4 | 2,307.45 | 3/4 | 1,949.84 |
| 8     | 8   | 5,151.43 | 8   | 4,801.60 | 8   | 4,444.74 | 8   | 4,087.89 | 8   | 3,730.61 | 8   | 3,372.96 | 8   | 3,015.30 | 8   | 2,657.65 | 8   | 2,300.00 | 8   | 1,942.39 |
| 1/4   | 1/4 | 5,145.40 | 1/4 | 4,794.16 | 1/4 | 4,437.31 | 1/4 | 4,080.45 | 1/4 | 3,723.16 | 1/4 | 3,365.50 | 1/4 | 3,007.85 | 1/4 | 2,650.20 | 1/4 | 2,292.55 | 1/4 | 1,934.94 |
| 1/2   | 1/2 | 5,139.37 | 1/2 | 4,786.73 | 1/2 | 4,429.87 | 1/2 | 4,073.02 | 1/2 | 3,715.71 | 1/2 | 3,358.05 | 1/2 | 3,000.40 | 1/2 | 2,642.75 | 1/2 | 2,285.09 | 1/2 | 1,927.48 |
| 3/4   | 3/4 | 5,132.42 | 3/4 | 4,779.30 | 3/4 | 4,422.44 | 3/4 | 4,065.58 | 3/4 | 3,708.25 | 3/4 | 3,350.60 | 3/4 | 2,992.95 | 3/4 | 2,635.30 | 3/4 | 2,277.64 | 3/4 | 1,920.03 |
| 9     | 9   | 5,125.47 | 9   | 4,771.86 | 9   | 4,415.00 | 9   | 4,058.15 | 9   | 3,700.80 | 9   | 3,343.15 | 9   | 2,985.50 | 9   | 2,627.85 | 9   | 2,270.19 | 9   | 1,912.58 |
| 1/4   | 1/4 | 5,118.52 | 1/4 | 4,764.43 | 1/4 | 4,407.57 | 1/4 | 4,050.71 | 1/4 | 3,693.35 | 1/4 | 3,335.70 | 1/4 | 2,978.05 | 1/4 | 2,620.39 | 1/4 | 2,262.74 | 1/4 | 1,905.13 |
| 1/2   | 1/2 | 5,111.57 | 1/2 | 4,756.99 | 1/2 | 4,400.14 | 1/2 | 4,043.28 | 1/2 | 3,685.90 | 1/2 | 3,328.25 | 1/2 | 2,970.60 | 1/2 | 2,612.94 | 1/2 | 2,255.29 | 1/2 | 1,897.68 |
| 3/4   | 3/4 | 5,104.31 | 3/4 | 4,749.56 | 3/4 | 4,392.70 | 3/4 | 4,035.85 | 3/4 | 3,678.45 | 3/4 | 3,320.80 | 3/4 | 2,963.14 | 3/4 | 2,605.49 | 3/4 | 2,247.84 | 3/4 | 1,890.23 |
| 10    | 10  | 5,097.05 | 10  | 4,742.12 | 10  | 4,385.27 | 10  | 4,028.41 | 10  | 3,671.00 | 10  | 3,313.35 | 10  | 2,955.69 | 10  | 2,598.04 | 10  | 2,240.39 | 10  | 1,882.78 |
| 1/4   | 1/4 | 5,089.78 | 1/4 | 4,734.69 | 1/4 | 4,377.83 | 1/4 | 4,020.98 | 1/4 | 3,663.55 | 1/4 | 3,305.90 | 1/4 | 2,948.24 | 1/4 | 2,590.59 | 1/4 | 2,232.94 | 1/4 | 1,875.33 |
| 1/2   | 1/2 | 5,082.52 | 1/2 | 4,727.25 | 1/2 | 4,370.40 | 1/2 | 4,013.54 | 1/2 | 3,656.10 | 1/2 | 3,298.44 | 1/2 | 2,940.79 | 1/2 | 2,583.14 | 1/2 | 2,225.49 | 1/2 | 1,867.88 |
| 3/4   | 3/4 | 5,075.20 | 3/4 | 4,719.82 | 3/4 | 4,362.96 | 3/4 | 4,006.11 | 3/4 | 3,648.65 | 3/4 | 3,290.99 | 3/4 | 2,933.34 | 3/4 | 2,575.69 | 3/4 | 2,218.03 | 3/4 | 1,860.42 |
| 11    | 11  | 5,067.89 | 11  | 4,712.38 | 11  | 4,355.53 | 11  | 3,998.67 | 11  | 3,641.19 | 11  | 3,283.54 | 11  | 2,925.89 | 11  | 2,568.24 | 11  | 2,210.58 | 11  | 1,852.97 |
| 1/4   | 1/4 | 5,060.57 | 1/4 | 4,704.95 | 1/4 | 4,348.09 | 1/4 | 3,991.24 | 1/4 | 3,633.74 | 1/4 | 3,276.09 | 1/4 | 2,918.44 | 1/4 | 2,560.79 | 1/4 | 2,203.13 | 1/4 | 1,845.52 |
| 1/2   | 1/2 | 5,053.26 | 1/2 | 4,697.52 | 1/2 | 4,340.66 | 1/2 | 3,983.80 | 1/2 | 3,626.29 | 1/2 | 3,268.64 | 1/2 | 2,910.99 | 1/2 | 2,553.33 | 1/2 | 2,195.68 | 1/2 | 1,838.07 |
| 3/4   | 3/4 | 5,045.92 | 3/4 | 4,690.08 | 3/4 | 4,333.23 | 3/4 | 3,976.37 | 3/4 | 3,618.84 | 3/4 | 3,261.19 | 3/4 | 2,903.54 | 3/4 | 2,545.88 | 3/4 | 2,188.23 | 3/4 | 1,830.62 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 45'-09" FORWARD OF AFT BULKHEAD.

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# BARGE WEB 271"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,823.17 | 0   | 1,466.44 | 0   | 1,108.67 | 0   | 756.23 | 0   | 409.41 | 0   | 98.81  | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,815.72 | 1/4 | 1,458.98 | 1/4 | 1,101.21 | 1/4 | 748.92 | 1/4 | 402.51 | 1/4 | 92.90  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,808.27 | 1/2 | 1,451.53 | 1/2 | 1,093.76 | 1/2 | 741.60 | 1/2 | 395.61 | 1/2 | 86.99  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,800.82 | 3/4 | 1,444.08 | 3/4 | 1,086.31 | 3/4 | 734.29 | 3/4 | 388.74 | 3/4 | 81.19  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,793.36 | 1   | 1,436.62 | 1   | 1,078.85 | 1   | 726.97 | 1   | 381.87 | 1   | 75.39  | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,785.91 | 1/4 | 1,429.17 | 1/4 | 1,071.40 | 1/4 | 719.66 | 1/4 | 375.00 | 1/4 | 69.59  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,778.46 | 1/2 | 1,421.72 | 1/2 | 1,063.95 | 1/2 | 712.34 | 1/2 | 368.13 | 1/2 | 63.80  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,771.01 | 3/4 | 1,414.26 | 3/4 | 1,056.57 | 3/4 | 705.03 | 3/4 | 361.35 | 3/4 | 58.51  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,763.56 | 2   | 1,406.81 | 2   | 1,049.20 | 2   | 697.71 | 2   | 354.57 | 2   | 53.22  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,756.11 | 1/4 | 1,399.36 | 1/4 | 1,041.83 | 1/4 | 690.39 | 1/4 | 347.78 | 1/4 | 47.94  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,748.66 | 1/2 | 1,391.90 | 1/2 | 1,034.45 | 1/2 | 683.08 | 1/2 | 341.00 | 1/2 | 42.65  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,741.21 | 3/4 | 1,384.45 | 3/4 | 1,027.11 | 3/4 | 675.75 | 3/4 | 334.30 | 3/4 | 38.63  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,733.76 | 3   | 1,377.00 | 3   | 1,019.77 | 3   | 668.43 | 3   | 327.60 | 3   | 34.60  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,726.30 | 1/4 | 1,369.54 | 1/4 | 1,012.44 | 1/4 | 661.10 | 1/4 | 320.91 | 1/4 | 30.57  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,718.85 | 1/2 | 1,362.09 | 1/2 | 1,005.10 | 1/2 | 653.77 | 1/2 | 314.21 | 1/2 | 26.55  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,711.43 | 3/4 | 1,354.64 | 3/4 | 997.77   | 3/4 | 646.35 | 3/4 | 307.59 | 3/4 | 23.76  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,704.01 | 4   | 1,347.18 | 4   | 990.44   | 4   | 638.93 | 4   | 300.97 | 4   | 20.95  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,696.59 | 1/4 | 1,339.73 | 1/4 | 983.11   | 1/4 | 631.51 | 1/4 | 294.35 | 1/4 | 18.16  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,689.17 | 1/2 | 1,332.28 | 1/2 | 975.78   | 1/2 | 624.08 | 1/2 | 287.73 | 1/2 | 15.36  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,681.75 | 3/4 | 1,324.82 | 3/4 | 968.46   | 3/4 | 616.79 | 3/4 | 281.20 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,674.34 | 5   | 1,317.37 | 5   | 961.14   | 5   | 609.49 | 5   | 274.66 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,666.93 | 1/4 | 1,309.92 | 1/4 | 953.82   | 1/4 | 602.19 | 1/4 | 268.12 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,659.52 | 1/2 | 1,302.46 | 1/2 | 946.49   | 1/2 | 594.89 | 1/2 | 261.59 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,652.11 | 3/4 | 1,295.01 | 3/4 | 939.17   | 3/4 | 587.64 | 3/4 | 254.98 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,644.69 | 6   | 1,287.56 | 6   | 931.85   | 6   | 580.40 | 6   | 248.38 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,637.28 | 1/4 | 1,280.10 | 1/4 | 924.53   | 1/4 | 573.16 | 1/4 | 241.77 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,629.87 | 1/2 | 1,272.65 | 1/2 | 917.22   | 1/2 | 565.91 | 1/2 | 235.17 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,622.46 | 3/4 | 1,265.20 | 3/4 | 909.90   | 3/4 | 558.67 | 3/4 | 228.67 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,615.04 | 7   | 1,257.74 | 7   | 902.58   | 7   | 551.43 | 7   | 222.18 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,607.63 | 1/4 | 1,250.29 | 1/4 | 895.26   | 1/4 | 544.18 | 1/4 | 215.68 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,600.22 | 1/2 | 1,242.83 | 1/2 | 887.94   | 1/2 | 536.94 | 1/2 | 209.18 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,592.81 | 3/4 | 1,235.38 | 3/4 | 880.62   | 3/4 | 529.71 | 3/4 | 202.87 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,585.40 | 8   | 1,227.93 | 8   | 873.30   | 8   | 522.47 | 8   | 196.66 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,577.98 | 1/4 | 1,220.47 | 1/4 | 865.99   | 1/4 | 515.24 | 1/4 | 190.25 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,570.57 | 1/2 | 1,213.02 | 1/2 | 858.67   | 1/2 | 508.00 | 1/2 | 183.93 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,563.16 | 3/4 | 1,205.57 | 3/4 | 851.35   | 3/4 | 500.81 | 3/4 | 177.73 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,555.75 | 9   | 1,198.11 | 9   | 844.03   | 9   | 493.61 | 9   | 171.53 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,548.34 | 1/4 | 1,190.66 | 1/4 | 836.71   | 1/4 | 486.42 | 1/4 | 165.33 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,540.92 | 1/2 | 1,183.21 | 1/2 | 829.39   | 1/2 | 479.23 | 1/2 | 159.13 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,533.48 | 3/4 | 1,175.75 | 3/4 | 822.08   | 3/4 | 472.11 | 3/4 | 153.02 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,526.04 | 10  | 1,168.30 | 10  | 814.76   | 10  | 464.99 | 10  | 146.91 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,518.60 | 1/4 | 1,160.84 | 1/4 | 807.44   | 1/4 | 457.87 | 1/4 | 140.80 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,511.15 | 1/2 | 1,153.39 | 1/2 | 800.13   | 1/2 | 450.75 | 1/2 | 134.69 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,503.70 | 3/4 | 1,145.94 | 3/4 | 792.81   | 3/4 | 443.87 | 3/4 | 128.68 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,496.25 | 11  | 1,138.48 | 11  | 785.50   | 11  | 436.99 | 11  | 122.67 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,488.79 | 1/4 | 1,131.03 | 1/4 | 778.18   | 1/4 | 430.10 | 1/4 | 116.65 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,481.34 | 1/2 | 1,123.58 | 1/2 | 770.87   | 1/2 | 423.22 | 1/2 | 110.64 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,473.89 | 3/4 | 1,116.12 | 3/4 | 763.55   | 3/4 | 416.32 | 3/4 | 104.73 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CALCULATED: 07/09/2013 CL  
PRINTED: 07/09/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE WEB 271"

# 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 0 FT. |          | 1 FT. |          | 2 FT. |          | 3 FT. |          | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      |
| 0     |          | 0     | 5,043.99 | 0     | 4,688.03 | 0     | 4,331.15 | 0     | 3,974.27 | 0     | 3,616.73 | 0     | 3,259.05 | 0     | 2,901.37 | 0     | 2,543.68 | 0     | 2,186.00 |
| 1/4   |          | 1/4   | 5,036.65 | 1/4   | 4,680.59 | 1/4   | 4,323.71 | 1/4   | 3,966.83 | 1/4   | 3,609.28 | 1/4   | 3,251.60 | 1/4   | 2,893.91 | 1/4   | 2,536.23 | 1/4   | 2,178.55 |
| 1/2   |          | 1/2   | 5,029.31 | 1/2   | 4,673.16 | 1/2   | 4,316.28 | 1/2   | 3,959.40 | 1/2   | 3,601.83 | 1/2   | 3,244.14 | 1/2   | 2,886.46 | 1/2   | 2,528.78 | 1/2   | 2,171.10 |
| 3/4   |          | 3/4   | 5,021.96 | 3/4   | 4,665.72 | 3/4   | 4,308.84 | 3/4   | 3,951.96 | 3/4   | 3,594.37 | 3/4   | 3,236.69 | 3/4   | 2,879.01 | 3/4   | 2,521.33 | 3/4   | 2,163.65 |
| 1     |          | 1     | 5,014.61 | 1     | 4,658.29 | 1     | 4,301.41 | 1     | 3,944.53 | 1     | 3,586.92 | 1     | 3,229.24 | 1     | 2,871.56 | 1     | 2,513.88 | 1     | 2,156.20 |
| 1/4   |          | 1/4   | 5,007.26 | 1/4   | 4,650.85 | 1/4   | 4,293.97 | 1/4   | 3,937.09 | 1/4   | 3,579.47 | 1/4   | 3,221.79 | 1/4   | 2,864.11 | 1/4   | 2,506.43 | 1/4   | 2,148.74 |
| 1/2   |          | 1/2   | 4,999.91 | 1/2   | 4,643.42 | 1/2   | 4,286.54 | 1/2   | 3,929.66 | 1/2   | 3,572.02 | 1/2   | 3,214.34 | 1/2   | 2,856.66 | 1/2   | 2,498.97 | 1/2   | 2,141.29 |
| 3/4   |          | 3/4   | 4,992.56 | 3/4   | 4,635.98 | 3/4   | 4,279.10 | 3/4   | 3,922.22 | 3/4   | 3,564.57 | 3/4   | 3,206.89 | 3/4   | 2,849.20 | 3/4   | 2,491.52 | 3/4   | 2,133.84 |
| 2     |          | 2     | 4,985.20 | 2     | 4,628.55 | 2     | 4,271.67 | 2     | 3,914.78 | 2     | 3,557.12 | 2     | 3,199.43 | 2     | 2,841.75 | 2     | 2,484.07 | 2     | 2,126.39 |
| 1/4   |          | 1/4   | 4,977.84 | 1/4   | 4,621.11 | 1/4   | 4,264.23 | 1/4   | 3,907.34 | 1/4   | 3,549.66 | 1/4   | 3,191.98 | 1/4   | 2,834.30 | 1/4   | 2,476.62 | 1/4   | 2,118.94 |
| 1/2   |          | 1/2   | 4,970.48 | 1/2   | 4,613.68 | 1/2   | 4,256.80 | 1/2   | 3,899.89 | 1/2   | 3,542.21 | 1/2   | 3,184.53 | 1/2   | 2,826.85 | 1/2   | 2,469.17 | 1/2   | 2,111.49 |
| 3/4   |          | 3/4   | 4,963.07 | 3/4   | 4,606.24 | 3/4   | 4,249.36 | 3/4   | 3,892.44 | 3/4   | 3,534.76 | 3/4   | 3,177.08 | 3/4   | 2,819.40 | 3/4   | 2,461.72 | 3/4   | 2,104.03 |
| 3     |          | 3     | 4,955.65 | 3     | 4,598.81 | 3     | 4,241.93 | 3     | 3,884.99 | 3     | 3,527.31 | 3     | 3,169.63 | 3     | 2,811.95 | 3     | 2,454.26 | 3     | 2,096.58 |
| 1/4   |          | 1/4   | 4,948.24 | 1/4   | 4,591.37 | 1/4   | 4,234.49 | 1/4   | 3,877.54 | 1/4   | 3,519.86 | 1/4   | 3,162.18 | 1/4   | 2,804.49 | 1/4   | 2,446.81 | 1/4   | 2,089.13 |
| 1/2   |          | 1/2   | 4,940.82 | 1/2   | 4,583.94 | 1/2   | 4,227.06 | 1/2   | 3,870.09 | 1/2   | 3,512.41 | 1/2   | 3,154.72 | 1/2   | 2,797.04 | 1/2   | 2,439.36 | 1/2   | 2,081.68 |
| 3/4   |          | 3/4   | 4,933.39 | 3/4   | 4,576.50 | 3/4   | 4,219.62 | 3/4   | 3,862.64 | 3/4   | 3,504.95 | 3/4   | 3,147.27 | 3/4   | 2,789.59 | 3/4   | 2,431.91 | 3/4   | 2,074.23 |
| 4     |          | 4     | 4,925.95 | 4     | 4,569.07 | 4     | 4,212.19 | 4     | 3,855.18 | 4     | 3,497.50 | 4     | 3,139.82 | 4     | 2,782.14 | 4     | 2,424.46 | 4     | 2,066.78 |
| 1/4   |          | 1/4   | 4,918.52 | 1/4   | 4,561.63 | 1/4   | 4,204.75 | 1/4   | 3,847.73 | 1/4   | 3,490.05 | 1/4   | 3,132.37 | 1/4   | 2,774.69 | 1/4   | 2,417.01 | 1/4   | 2,059.33 |
| 1/2   |          | 1/2   | 4,911.08 | 1/2   | 4,554.20 | 1/2   | 4,197.32 | 1/2   | 3,840.28 | 1/2   | 3,482.60 | 1/2   | 3,124.92 | 1/2   | 2,767.24 | 1/2   | 2,409.55 | 1/2   | 2,051.88 |
| 3/4   |          | 3/4   | 4,903.65 | 3/4   | 4,546.76 | 3/4   | 4,189.88 | 3/4   | 3,832.83 | 3/4   | 3,475.15 | 3/4   | 3,117.47 | 3/4   | 2,759.78 | 3/4   | 2,402.10 | 3/4   | 2,044.43 |
| 5     |          | 5     | 4,896.21 | 5     | 4,539.33 | 5     | 4,182.45 | 5     | 3,825.38 | 5     | 3,467.70 | 5     | 3,110.01 | 5     | 2,752.33 | 5     | 2,394.65 | 5     | 2,036.99 |
| 1/4   |          | 1/4   | 4,888.78 | 1/4   | 4,531.89 | 1/4   | 4,175.01 | 1/4   | 3,817.93 | 1/4   | 3,460.24 | 1/4   | 3,102.56 | 1/4   | 2,744.88 | 1/4   | 2,387.20 | 1/4   | 2,029.54 |
| 1/2   | 5,204.37 | 1/2   | 4,881.34 | 1/2   | 4,524.46 | 1/2   | 4,167.58 | 1/2   | 3,810.47 | 1/2   | 3,452.79 | 1/2   | 3,095.11 | 1/2   | 2,737.43 | 1/2   | 2,379.75 | 1/2   | 2,022.09 |
| 3/4   | 5,200.47 | 3/4   | 4,873.91 | 3/4   | 4,517.02 | 3/4   | 4,160.14 | 3/4   | 3,803.02 | 3/4   | 3,445.34 | 3/4   | 3,087.66 | 3/4   | 2,729.98 | 3/4   | 2,372.30 | 3/4   | 2,014.65 |
| 6     | 5,196.57 | 6     | 4,866.47 | 6     | 4,509.59 | 6     | 4,152.71 | 6     | 3,795.57 | 6     | 3,437.89 | 6     | 3,080.21 | 6     | 2,722.53 | 6     | 2,364.84 | 6     | 2,007.20 |
| 1/4   | 5,192.67 | 1/4   | 4,859.04 | 1/4   | 4,502.15 | 1/4   | 4,145.27 | 1/4   | 3,788.12 | 1/4   | 3,430.44 | 1/4   | 3,072.76 | 1/4   | 2,715.07 | 1/4   | 2,357.39 | 1/4   | 1,999.75 |
| 1/2   | 5,188.77 | 1/2   | 4,851.60 | 1/2   | 4,494.72 | 1/2   | 4,137.84 | 1/2   | 3,780.67 | 1/2   | 3,422.99 | 1/2   | 3,065.30 | 1/2   | 2,707.62 | 1/2   | 2,349.94 | 1/2   | 1,992.30 |
| 3/4   | 5,183.81 | 3/4   | 4,844.17 | 3/4   | 4,487.28 | 3/4   | 4,130.40 | 3/4   | 3,773.22 | 3/4   | 3,415.53 | 3/4   | 3,057.85 | 3/4   | 2,700.17 | 3/4   | 2,342.49 | 3/4   | 1,984.85 |
| 7     | 5,178.84 | 7     | 4,836.73 | 7     | 4,479.85 | 7     | 4,122.97 | 7     | 3,765.76 | 7     | 3,408.08 | 7     | 3,050.40 | 7     | 2,692.72 | 7     | 2,335.04 | 7     | 1,977.40 |
| 1/4   | 5,173.87 | 1/4   | 4,829.30 | 1/4   | 4,472.41 | 1/4   | 4,115.53 | 1/4   | 3,758.31 | 1/4   | 3,400.63 | 1/4   | 3,042.96 | 1/4   | 2,685.27 | 1/4   | 2,327.59 | 1/4   | 1,969.95 |
| 1/2   | 5,168.91 | 1/2   | 4,821.86 | 1/2   | 4,464.98 | 1/2   | 4,108.10 | 1/2   | 3,750.86 | 1/2   | 3,393.18 | 1/2   | 3,035.50 | 1/2   | 2,677.82 | 1/2   | 2,320.13 | 1/2   | 1,962.50 |
| 3/4   | 5,162.88 | 3/4   | 4,814.43 | 3/4   | 4,457.54 | 3/4   | 4,100.66 | 3/4   | 3,743.41 | 3/4   | 3,385.73 | 3/4   | 3,028.05 | 3/4   | 2,670.36 | 3/4   | 2,312.68 | 3/4   | 1,955.05 |
| 8     | 5,156.85 | 8     | 4,806.99 | 8     | 4,450.11 | 8     | 4,093.23 | 8     | 3,735.96 | 8     | 3,378.27 | 8     | 3,020.59 | 8     | 2,662.91 | 8     | 2,305.23 | 8     | 1,947.59 |
| 1/4   | 5,150.82 | 1/4   | 4,799.56 | 1/4   | 4,442.67 | 1/4   | 4,085.79 | 1/4   | 3,728.50 | 1/4   | 3,370.82 | 1/4   | 3,013.14 | 1/4   | 2,655.46 | 1/4   | 2,297.78 | 1/4   | 1,940.14 |
| 1/2   | 5,144.79 | 1/2   | 4,792.12 | 1/2   | 4,435.24 | 1/2   | 4,078.36 | 1/2   | 3,721.05 | 1/2   | 3,363.37 | 1/2   | 3,005.69 | 1/2   | 2,648.01 | 1/2   | 2,290.33 | 1/2   | 1,932.69 |
| 3/4   | 5,137.84 | 3/4   | 4,784.68 | 3/4   | 4,427.80 | 3/4   | 4,070.92 | 3/4   | 3,713.60 | 3/4   | 3,355.92 | 3/4   | 2,998.24 | 3/4   | 2,640.56 | 3/4   | 2,282.88 | 3/4   | 1,925.24 |
| 9     | 5,130.89 | 9     | 4,777.25 | 9     | 4,420.37 | 9     | 4,063.49 | 9     | 3,706.15 | 9     | 3,348.47 | 9     | 2,990.79 | 9     | 2,633.10 | 9     | 2,275.42 | 9     | 1,917.79 |
| 1/4   | 5,123.93 | 1/4   | 4,769.81 | 1/4   | 4,412.93 | 1/4   | 4,056.05 | 1/4   | 3,698.70 | 1/4   | 3,341.02 | 1/4   | 2,983.33 | 1/4   | 2,625.65 | 1/4   | 2,267.97 | 1/4   | 1,910.34 |
| 1/2   | 5,116.98 | 1/2   | 4,762.38 | 1/2   | 4,405.50 | 1/2   | 4,048.62 | 1/2   | 3,691.25 | 1/2   | 3,333.56 | 1/2   | 2,975.88 | 1/2   | 2,618.20 | 1/2   | 2,260.52 | 1/2   | 1,902.88 |
| 3/4   | 5,109.72 | 3/4   | 4,754.94 | 3/4   | 4,398.06 | 3/4   | 4,041.18 | 3/4   | 3,683.79 | 3/4   | 3,325.11 | 3/4   | 2,968.43 | 3/4   | 2,610.75 | 3/4   | 2,253.07 | 3/4   | 1,895.43 |
| 10    | 5,102.46 | 10    | 4,747.51 | 10    | 4,390.63 | 10    | 4,033.75 | 10    | 3,676.34 | 10    | 3,318.66 | 10    | 2,960.98 | 10    | 2,603.30 | 10    | 2,245.62 | 10    | 1,887.98 |
| 1/4   | 5,095.19 | 1/4   | 4,740.07 | 1/4   | 4,383.19 | 1/4   | 4,026.31 | 1/4   | 3,668.89 | 1/4   | 3,311.21 | 1/4   | 2,953.53 | 1/4   | 2,595.85 | 1/4   | 2,238.16 | 1/4   | 1,880.53 |
| 1/2   | 5,087.93 | 1/2   | 4,732.64 | 1/2   | 4,375.76 | 1/2   | 4,018.88 | 1/2   | 3,661.44 | 1/2   | 3,303.76 | 1/2   | 2,946.08 | 1/2   | 2,588.39 | 1/2   | 2,230.71 | 1/2   | 1,873.08 |
| 3/4   | 5,080.61 | 3/4   | 4,725.20 | 3/4   | 4,368.32 | 3/4   | 4,011.44 | 3/4   | 3,653.99 | 3/4   | 3,296.31 | 3/4   | 2,938.62 | 3/4   | 2,580.94 | 3/4   | 2,223.26 | 3/4   | 1,865.63 |
| 11    | 5,073.30 | 11    | 4,717.77 | 11    | 4,360.89 | 11    | 4,004.01 | 11    | 3,646.54 | 11    | 3,288.85 | 11    | 2,931.17 | 11    | 2,573.49 | 11    | 2,215.81 | 11    | 1,858.17 |
| 1/4   | 5,065.98 | 1/4   | 4,710.33 | 1/4   | 4,353.45 | 1/4   | 3,996.57 | 1/4   | 3,639.08 | 1/4   | 3,281.40 | 1/4   | 2,923.72 | 1/4   | 2,566.04 | 1/4   | 2,208.36 | 1/4   | 1,850.72 |
| 1/2   | 5,058.66 | 1/2   | 4,702.90 | 1/2   | 4,346.02 | 1/2   | 3,989.14 | 1/2   | 3,631.63 | 1/2   | 3,273.95 | 1/2   | 2,916.27 | 1/2   | 2,558.59 | 1/2   | 2,200.91 | 1/2   | 1,843.27 |
| 3/4   | 5,051.33 | 3/4   | 4,695.46 | 3/4   | 4,338.58 | 3/4   | 3,981.70 | 3/4   | 3,624.18 | 3/4   | 3,266.50 | 3/4   | 2,908.82 | 3/4   | 2,551.14 | 3/4   | 2,193.45 | 3/4   | 1,835.82 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 46'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
 P.O. Box 2092  
 Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE WEB 271"

1 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 10 FT. |          | 11 FT. |          | 12 FT. |          | 13 FT. |        | 14 FT. |        | 15 FT. |       | 16 FT. |  | 17 FT. |  | 18 FT. |  | 19 FT. |  |
|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|-------|--------|--|--------|--|--------|--|--------|--|
| IN     |          | IN     |          | IN     |          | IN     |        | IN     |        | IN     |       | IN     |  | IN     |  | IN     |  | IN     |  |
| 0      | 1,828.37 | 0      | 1,471.67 | 0      | 1,114.49 | 0      | 757.72 | 0      | 409.34 | 0      | 98.79 | 0      |  | 0      |  | 0      |  | 0      |  |
| 1/4    | 1,820.92 | 1/4    | 1,464.22 | 1/4    | 1,107.04 | 1/4    | 750.30 | 1/4    | 402.44 | 1/4    | 92.88 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,813.47 | 1/2    | 1,456.77 | 1/2    | 1,099.59 | 1/2    | 742.87 | 1/2    | 395.54 | 1/2    | 86.97 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,806.01 | 3/4    | 1,449.32 | 3/4    | 1,092.13 | 3/4    | 735.45 | 3/4    | 388.67 | 3/4    | 81.17 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 1      | 1,798.56 | 1      | 1,441.86 | 1      | 1,084.66 | 1      | 728.03 | 1      | 381.80 | 1      | 75.38 | 1      |  | 1      |  | 1      |  | 1      |  |
| 1/4    | 1,791.11 | 1/4    | 1,434.41 | 1/4    | 1,077.23 | 1/4    | 720.61 | 1/4    | 374.93 | 1/4    | 69.58 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,783.66 | 1/2    | 1,426.96 | 1/2    | 1,069.77 | 1/2    | 713.19 | 1/2    | 368.06 | 1/2    | 63.78 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,776.21 | 3/4    | 1,419.51 | 3/4    | 1,062.32 | 3/4    | 705.77 | 3/4    | 361.28 | 3/4    | 58.50 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 2      | 1,768.76 | 2      | 1,412.05 | 2      | 1,054.87 | 2      | 698.34 | 2      | 354.50 | 2      | 53.21 | 2      |  | 2      |  | 2      |  | 2      |  |
| 1/4    | 1,761.30 | 1/4    | 1,404.60 | 1/4    | 1,047.42 | 1/4    | 690.92 | 1/4    | 347.72 | 1/4    | 47.93 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,753.85 | 1/2    | 1,397.15 | 1/2    | 1,039.96 | 1/2    | 683.50 | 1/2    | 340.94 | 1/2    | 42.64 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,746.40 | 3/4    | 1,389.70 | 3/4    | 1,032.52 | 3/4    | 676.07 | 3/4    | 334.24 | 3/4    | 38.62 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 3      | 1,738.95 | 3      | 1,382.25 | 3      | 1,025.07 | 3      | 668.64 | 3      | 327.54 | 3      | 34.59 | 3      |  | 3      |  | 3      |  | 3      |  |
| 1/4    | 1,731.50 | 1/4    | 1,374.79 | 1/4    | 1,017.63 | 1/4    | 661.20 | 1/4    | 320.84 | 1/4    | 30.57 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,724.05 | 1/2    | 1,367.34 | 1/2    | 1,010.18 | 1/2    | 653.77 | 1/2    | 314.15 | 1/2    | 26.54 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,716.62 | 3/4    | 1,359.89 | 3/4    | 1,002.75 | 3/4    | 646.32 | 3/4    | 307.53 | 3/4    | 23.75 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 4      | 1,709.20 | 4      | 1,352.44 | 4      | 995.32   | 4      | 638.88 | 4      | 300.91 | 4      | 20.95 | 4      |  | 4      |  | 4      |  | 4      |  |
| 1/4    | 1,701.78 | 1/4    | 1,344.99 | 1/4    | 987.88   | 1/4    | 631.43 | 1/4    | 294.29 | 1/4    | 18.15 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,694.36 | 1/2    | 1,337.53 | 1/2    | 980.45   | 1/2    | 623.98 | 1/2    | 287.68 | 1/2    | 15.36 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,686.95 | 3/4    | 1,330.11 | 3/4    | 973.02   | 3/4    | 616.68 | 3/4    | 281.14 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 5      | 1,679.54 | 5      | 1,322.68 | 5      | 965.59   | 5      | 609.38 | 5      | 274.60 | 5      |       | 5      |  | 5      |  | 5      |  | 5      |  |
| 1/4    | 1,672.13 | 1/4    | 1,315.25 | 1/4    | 958.16   | 1/4    | 602.08 | 1/4    | 268.07 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,664.72 | 1/2    | 1,307.83 | 1/2    | 950.73   | 1/2    | 594.79 | 1/2    | 261.53 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,657.31 | 3/4    | 1,300.41 | 3/4    | 943.31   | 3/4    | 587.54 | 3/4    | 254.93 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 6      | 1,649.90 | 6      | 1,292.99 | 6      | 935.88   | 6      | 580.30 | 6      | 248.33 | 6      |       | 6      |  | 6      |  | 6      |  | 6      |  |
| 1/4    | 1,642.49 | 1/4    | 1,285.57 | 1/4    | 928.46   | 1/4    | 573.06 | 1/4    | 241.72 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,635.08 | 1/2    | 1,278.15 | 1/2    | 921.03   | 1/2    | 565.81 | 1/2    | 235.12 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,627.66 | 3/4    | 1,270.73 | 3/4    | 913.61   | 3/4    | 558.57 | 3/4    | 228.62 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 7      | 1,620.25 | 7      | 1,263.31 | 7      | 906.18   | 7      | 551.33 | 7      | 222.13 | 7      |       | 7      |  | 7      |  | 7      |  | 7      |  |
| 1/4    | 1,612.84 | 1/4    | 1,255.89 | 1/4    | 898.76   | 1/4    | 544.09 | 1/4    | 215.63 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,605.43 | 1/2    | 1,248.47 | 1/2    | 891.33   | 1/2    | 536.85 | 1/2    | 209.14 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,598.02 | 3/4    | 1,241.05 | 3/4    | 883.91   | 3/4    | 529.61 | 3/4    | 202.83 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 8      | 1,590.61 | 8      | 1,233.64 | 8      | 876.48   | 8      | 522.38 | 8      | 196.52 | 8      |       | 8      |  | 8      |  | 8      |  | 8      |  |
| 1/4    | 1,583.20 | 1/4    | 1,226.22 | 1/4    | 869.06   | 1/4    | 515.14 | 1/4    | 190.21 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,575.79 | 1/2    | 1,218.80 | 1/2    | 861.63   | 1/2    | 507.91 | 1/2    | 183.90 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,568.38 | 3/4    | 1,211.35 | 3/4    | 854.21   | 3/4    | 500.72 | 3/4    | 177.70 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 9      | 1,560.97 | 9      | 1,203.91 | 9      | 846.79   | 9      | 493.53 | 9      | 171.50 | 9      |       | 9      |  | 9      |  | 9      |  | 9      |  |
| 1/4    | 1,553.56 | 1/4    | 1,196.46 | 1/4    | 839.36   | 1/4    | 486.33 | 1/4    | 165.30 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,546.15 | 1/2    | 1,189.02 | 1/2    | 831.94   | 1/2    | 479.14 | 1/2    | 159.10 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,538.70 | 3/4    | 1,181.57 | 3/4    | 824.51   | 3/4    | 472.02 | 3/4    | 152.99 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 10     | 1,531.26 | 10     | 1,174.11 | 10     | 817.09   | 10     | 464.91 | 10     | 146.88 | 10     |       | 10     |  | 10     |  | 10     |  | 10     |  |
| 1/4    | 1,523.82 | 1/4    | 1,166.66 | 1/4    | 809.67   | 1/4    | 457.79 | 1/4    | 140.77 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,516.38 | 1/2    | 1,159.21 | 1/2    | 802.25   | 1/2    | 450.67 | 1/2    | 134.66 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,508.93 | 3/4    | 1,151.76 | 3/4    | 794.82   | 3/4    | 443.79 | 3/4    | 128.65 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 11     | 1,501.48 | 11     | 1,144.30 | 11     | 787.40   | 11     | 436.91 | 11     | 122.64 | 11     |       | 11     |  | 11     |  | 11     |  | 11     |  |
| 1/4    | 1,494.03 | 1/4    | 1,136.85 | 1/4    | 779.98   | 1/4    | 430.02 | 1/4    | 116.63 | 1/4    |       | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,486.57 | 1/2    | 1,129.40 | 1/2    | 772.56   | 1/2    | 423.14 | 1/2    | 110.62 | 1/2    |       | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,479.12 | 3/4    | 1,121.94 | 3/4    | 765.14   | 3/4    | 416.24 | 3/4    | 104.70 | 3/4    |       | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |

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# BARGE WEB 271"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

| 0 FT. |          | 1 FT. |          | 2 FT. |          | 3 FT. |          | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN    |          | IN    |          | IN    |          | IN    |          | IN    |          | IN    |          | IN    |          | IN    |          | IN    |          | IN    |          |
| 0     |          | 0     | 5,114.99 | 0     | 4,757.86 | 0     | 4,399.69 | 0     | 4,041.54 | 0     | 3,682.73 | 0     | 3,323.77 | 0     | 2,964.81 | 0     | 2,605.85 | 0     | 2,246.89 |
| 1/4   |          | 1/4   | 5,107.63 | 1/4   | 4,750.39 | 1/4   | 4,392.23 | 1/4   | 4,034.08 | 1/4   | 3,675.25 | 1/4   | 3,316.29 | 1/4   | 2,957.33 | 1/4   | 2,598.37 | 1/4   | 2,239.41 |
| 1/2   |          | 1/2   | 5,100.26 | 1/2   | 4,742.93 | 1/2   | 4,384.77 | 1/2   | 4,026.61 | 1/2   | 3,667.77 | 1/2   | 3,308.81 | 1/2   | 2,949.86 | 1/2   | 2,590.89 | 1/2   | 2,231.93 |
| 3/4   |          | 3/4   | 5,092.90 | 3/4   | 4,735.47 | 3/4   | 4,377.31 | 3/4   | 4,019.15 | 3/4   | 3,660.29 | 3/4   | 3,301.33 | 3/4   | 2,942.37 | 3/4   | 2,583.41 | 3/4   | 2,224.46 |
| 1     |          | 1     | 5,085.52 | 1     | 4,728.00 | 1     | 4,369.85 | 1     | 4,011.69 | 1     | 3,652.81 | 1     | 3,293.85 | 1     | 2,934.90 | 1     | 2,575.94 | 1     | 2,216.98 |
| 1/4   |          | 1/4   | 5,078.14 | 1/4   | 4,720.54 | 1/4   | 4,362.39 | 1/4   | 4,004.23 | 1/4   | 3,645.33 | 1/4   | 3,286.38 | 1/4   | 2,927.42 | 1/4   | 2,568.46 | 1/4   | 2,209.50 |
| 1/2   |          | 1/2   | 5,070.77 | 1/2   | 4,713.08 | 1/2   | 4,354.92 | 1/2   | 3,996.77 | 1/2   | 3,637.86 | 1/2   | 3,278.90 | 1/2   | 2,919.94 | 1/2   | 2,560.98 | 1/2   | 2,202.02 |
| 3/4   |          | 3/4   | 5,063.39 | 3/4   | 4,705.62 | 3/4   | 4,347.46 | 3/4   | 3,989.31 | 3/4   | 3,630.38 | 3/4   | 3,271.42 | 3/4   | 2,912.46 | 3/4   | 2,553.50 | 3/4   | 2,194.54 |
| 2     |          | 2     | 5,056.01 | 2     | 4,698.16 | 2     | 4,340.00 | 2     | 3,981.84 | 2     | 3,622.90 | 2     | 3,263.94 | 2     | 2,904.98 | 2     | 2,546.02 | 2     | 2,187.06 |
| 1/4   |          | 1/4   | 5,048.62 | 1/4   | 4,690.70 | 1/4   | 4,332.54 | 1/4   | 3,974.36 | 1/4   | 3,615.42 | 1/4   | 3,256.46 | 1/4   | 2,897.50 | 1/4   | 2,538.55 | 1/4   | 2,179.59 |
| 1/2   |          | 1/2   | 5,041.24 | 1/2   | 4,683.24 | 1/2   | 4,325.08 | 1/2   | 3,966.89 | 1/2   | 3,607.94 | 1/2   | 3,248.98 | 1/2   | 2,890.03 | 1/2   | 2,531.07 | 1/2   | 2,172.11 |
| 3/4   |          | 3/4   | 5,033.85 | 3/4   | 4,675.77 | 3/4   | 4,317.62 | 3/4   | 3,959.42 | 3/4   | 3,600.46 | 3/4   | 3,241.51 | 3/4   | 2,882.55 | 3/4   | 2,523.59 | 3/4   | 2,164.63 |
| 3     |          | 3     | 5,026.41 | 3     | 4,668.31 | 3     | 4,310.16 | 3     | 3,951.94 | 3     | 3,592.99 | 3     | 3,234.03 | 3     | 2,875.07 | 3     | 2,516.11 | 3     | 2,157.15 |
| 1/4   |          | 1/4   | 5,018.97 | 1/4   | 4,660.85 | 1/4   | 4,302.69 | 1/4   | 3,944.47 | 1/4   | 3,585.51 | 1/4   | 3,226.55 | 1/4   | 2,867.59 | 1/4   | 2,508.63 | 1/4   | 2,149.67 |
| 1/2   |          | 1/2   | 5,011.53 | 1/2   | 4,653.39 | 1/2   | 4,295.23 | 1/2   | 3,936.99 | 1/2   | 3,578.03 | 1/2   | 3,219.07 | 1/2   | 2,860.11 | 1/2   | 2,501.15 | 1/2   | 2,142.20 |
| 3/4   |          | 3/4   | 5,004.08 | 3/4   | 4,645.93 | 3/4   | 4,287.77 | 3/4   | 3,929.51 | 3/4   | 3,570.55 | 3/4   | 3,211.59 | 3/4   | 2,852.63 | 3/4   | 2,493.68 | 3/4   | 2,134.72 |
| 4     |          | 4     | 4,996.62 | 4     | 4,638.47 | 4     | 4,280.31 | 4     | 3,922.03 | 4     | 3,563.07 | 4     | 3,204.11 | 4     | 2,845.16 | 4     | 2,486.20 | 4     | 2,127.24 |
| 1/4   |          | 1/4   | 4,989.16 | 1/4   | 4,631.00 | 1/4   | 4,272.85 | 1/4   | 3,914.55 | 1/4   | 3,555.59 | 1/4   | 3,196.64 | 1/4   | 2,837.68 | 1/4   | 2,478.72 | 1/4   | 2,119.76 |
| 1/2   |          | 1/2   | 4,981.70 | 1/2   | 4,623.54 | 1/2   | 4,265.39 | 1/2   | 3,907.07 | 1/2   | 3,548.12 | 1/2   | 3,189.16 | 1/2   | 2,830.20 | 1/2   | 2,471.24 | 1/2   | 2,112.29 |
| 3/4   |          | 3/4   | 4,974.24 | 3/4   | 4,616.08 | 3/4   | 4,257.92 | 3/4   | 3,899.60 | 3/4   | 3,540.64 | 3/4   | 3,181.68 | 3/4   | 2,822.72 | 3/4   | 2,463.76 | 3/4   | 2,104.81 |
| 5     |          | 5     | 4,966.78 | 5     | 4,608.62 | 5     | 4,250.46 | 5     | 3,892.12 | 5     | 3,533.16 | 5     | 3,174.20 | 5     | 2,815.24 | 5     | 2,456.28 | 5     | 2,097.34 |
| 1/4   |          | 1/4   | 4,959.31 | 1/4   | 4,601.16 | 1/4   | 4,243.00 | 1/4   | 3,884.64 | 1/4   | 3,525.68 | 1/4   | 3,166.72 | 1/4   | 2,807.76 | 1/4   | 2,448.81 | 1/4   | 2,089.87 |
| 1/2   |          | 1/2   | 4,951.85 | 1/2   | 4,593.70 | 1/2   | 4,235.54 | 1/2   | 3,877.16 | 1/2   | 3,518.20 | 1/2   | 3,159.24 | 1/2   | 2,800.29 | 1/2   | 2,441.33 | 1/2   | 2,082.39 |
| 3/4   | 5,268.59 | 3/4   | 4,944.39 | 3/4   | 4,586.23 | 3/4   | 4,228.08 | 3/4   | 3,869.68 | 3/4   | 3,510.72 | 3/4   | 3,151.77 | 3/4   | 2,792.81 | 3/4   | 2,433.85 | 3/4   | 2,074.92 |
| 6     | 5,264.68 | 6     | 4,936.93 | 6     | 4,578.77 | 6     | 4,220.62 | 6     | 3,862.20 | 6     | 3,503.25 | 6     | 3,144.29 | 6     | 2,785.33 | 6     | 2,426.37 | 6     | 2,067.44 |
| 1/4   | 5,260.76 | 1/4   | 4,929.47 | 1/4   | 4,571.31 | 1/4   | 4,213.15 | 1/4   | 3,854.73 | 1/4   | 3,495.77 | 1/4   | 3,136.81 | 1/4   | 2,777.85 | 1/4   | 2,418.89 | 1/4   | 2,059.97 |
| 1/2   | 5,256.85 | 1/2   | 4,922.01 | 1/2   | 4,563.85 | 1/2   | 4,205.69 | 1/2   | 3,847.25 | 1/2   | 3,488.29 | 1/2   | 3,128.33 | 1/2   | 2,770.37 | 1/2   | 2,411.41 | 1/2   | 2,052.49 |
| 3/4   | 5,252.93 | 3/4   | 4,914.54 | 3/4   | 4,556.39 | 3/4   | 4,198.23 | 3/4   | 3,839.77 | 3/4   | 3,480.81 | 3/4   | 3,121.85 | 3/4   | 2,762.89 | 3/4   | 2,403.94 | 3/4   | 2,045.02 |
| 7     | 5,247.95 | 7     | 4,907.08 | 7     | 4,548.93 | 7     | 4,190.77 | 7     | 3,832.29 | 7     | 3,473.33 | 7     | 3,114.37 | 7     | 2,755.42 | 7     | 2,396.46 | 7     | 2,037.54 |
| 1/4   | 5,242.96 | 1/4   | 4,899.62 | 1/4   | 4,541.46 | 1/4   | 4,183.31 | 1/4   | 3,824.81 | 1/4   | 3,465.85 | 1/4   | 3,106.90 | 1/4   | 2,747.94 | 1/4   | 2,388.98 | 1/4   | 2,030.06 |
| 1/2   | 5,237.98 | 1/2   | 4,892.16 | 1/2   | 4,534.00 | 1/2   | 4,175.85 | 1/2   | 3,817.33 | 1/2   | 3,458.38 | 1/2   | 3,099.42 | 1/2   | 2,740.46 | 1/2   | 2,381.50 | 1/2   | 2,022.59 |
| 3/4   | 5,233.00 | 3/4   | 4,884.70 | 3/4   | 4,526.54 | 3/4   | 4,168.38 | 3/4   | 3,809.86 | 3/4   | 3,450.90 | 3/4   | 3,091.94 | 3/4   | 2,732.98 | 3/4   | 2,374.02 | 3/4   | 2,015.11 |
| 8     | 5,228.94 | 8     | 4,877.24 | 8     | 4,519.08 | 8     | 4,160.92 | 8     | 3,802.38 | 8     | 3,443.42 | 8     | 3,084.46 | 8     | 2,725.50 | 8     | 2,366.54 | 8     | 2,007.63 |
| 1/4   | 5,220.89 | 1/4   | 4,869.78 | 1/4   | 4,511.62 | 1/4   | 4,153.46 | 1/4   | 3,794.90 | 1/4   | 3,435.94 | 1/4   | 3,076.98 | 1/4   | 2,718.02 | 1/4   | 2,359.07 | 1/4   | 2,000.15 |
| 1/2   | 5,214.84 | 1/2   | 4,862.31 | 1/2   | 4,504.16 | 1/2   | 4,146.00 | 1/2   | 3,787.42 | 1/2   | 3,428.46 | 1/2   | 3,069.50 | 1/2   | 2,710.55 | 1/2   | 2,351.59 | 1/2   | 1,992.68 |
| 3/4   | 5,208.79 | 3/4   | 4,854.85 | 3/4   | 4,496.70 | 3/4   | 4,138.54 | 3/4   | 3,779.94 | 3/4   | 3,420.98 | 3/4   | 3,062.03 | 3/4   | 2,703.07 | 3/4   | 2,344.11 | 3/4   | 1,985.20 |
| 9     | 5,201.81 | 9     | 4,847.39 | 9     | 4,489.23 | 9     | 4,131.08 | 9     | 3,772.46 | 9     | 3,413.51 | 9     | 3,054.55 | 9     | 2,695.59 | 9     | 2,336.63 | 9     | 1,977.72 |
| 1/4   | 5,194.84 | 1/4   | 4,839.93 | 1/4   | 4,481.77 | 1/4   | 4,123.62 | 1/4   | 3,764.99 | 1/4   | 3,405.03 | 1/4   | 3,047.07 | 1/4   | 2,688.11 | 1/4   | 2,329.15 | 1/4   | 1,970.24 |
| 1/2   | 5,187.86 | 1/2   | 4,832.47 | 1/2   | 4,474.31 | 1/2   | 4,116.15 | 1/2   | 3,757.51 | 1/2   | 3,398.55 | 1/2   | 3,039.59 | 1/2   | 2,680.63 | 1/2   | 2,321.67 | 1/2   | 1,962.76 |
| 3/4   | 5,180.88 | 3/4   | 4,825.01 | 3/4   | 4,466.85 | 3/4   | 4,108.69 | 3/4   | 3,750.03 | 3/4   | 3,391.07 | 3/4   | 3,032.11 | 3/4   | 2,673.15 | 3/4   | 2,314.20 | 3/4   | 1,955.28 |
| 10    | 5,173.60 | 10    | 4,817.54 | 10    | 4,459.39 | 10    | 4,101.23 | 10    | 3,742.55 | 10    | 3,383.59 | 10    | 3,024.63 | 10    | 2,665.68 | 10    | 2,306.72 | 10    | 1,947.81 |
| 1/4   | 5,166.31 | 1/4   | 4,810.08 | 1/4   | 4,451.93 | 1/4   | 4,093.77 | 1/4   | 3,735.07 | 1/4   | 3,376.11 | 1/4   | 3,017.16 | 1/4   | 2,658.20 | 1/4   | 2,299.24 | 1/4   | 1,940.33 |
| 1/2   | 5,159.02 | 1/2   | 4,802.62 | 1/2   | 4,444.46 | 1/2   | 4,086.31 | 1/2   | 3,727.59 | 1/2   | 3,368.64 | 1/2   | 3,009.68 | 1/2   | 2,650.72 | 1/2   | 2,291.76 | 1/2   | 1,932.85 |
| 3/4   | 5,151.73 | 3/4   | 4,795.16 | 3/4   | 4,437.00 | 3/4   | 4,078.85 | 3/4   | 3,720.12 | 3/4   | 3,361.16 | 3/4   | 3,002.20 | 3/4   | 2,643.24 | 3/4   | 2,284.28 | 3/4   | 1,925.37 |
| 11    | 5,144.38 | 11    | 4,787.70 | 11    | 4,429.54 | 11    | 4,071.38 | 11    | 3,712.64 | 11    | 3,353.68 | 11    | 2,994.72 | 11    | 2,635.76 | 11    | 2,276.80 | 11    | 1,917.89 |
| 1/4   | 5,137.04 | 1/4   | 4,780.24 | 1/4   | 4,422.08 | 1/4   | 4,063.92 | 1/4   | 3,705.16 | 1/4   | 3,346.20 | 1/4   | 2,987.24 | 1/4   | 2,628.28 | 1/4   | 2,269.33 | 1/4   | 1,910.41 |
| 1/2   | 5,129.70 | 1/2   | 4,772.77 | 1/2   | 4,414.62 | 1/2   | 4,056.46 | 1/2   | 3,697.68 | 1/2   | 3,338.72 | 1/2   | 2,979.76 | 1/2   | 2,620.81 | 1/2   | 2,261.85 | 1/2   | 1,902.94 |
| 3/4   | 5,122.35 | 3/4   | 4,765.31 | 3/4   | 4,407.16 | 3/4   | 4,049.00 | 3/4   | 3,690.20 | 3/4   | 3,331.24 | 3/4   | 2,972.29 | 3/4   | 2,613.33 | 3/4   | 2,254.37 | 3/4   | 1,895.46 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
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# BARGE WEB 271"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,887.98 | 0   | 1,533.03 | 0   | 1,174.05 | 0   | 829.31 | 0   | 482.64 | 0   | 132.93 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,880.50 | 1/4 | 1,525.55 | 1/4 | 1,166.57 | 1/4 | 822.20 | 1/4 | 475.42 | 1/4 | 125.70 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,873.02 | 1/2 | 1,518.07 | 1/2 | 1,159.09 | 1/2 | 815.08 | 1/2 | 468.20 | 1/2 | 118.48 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,865.54 | 3/4 | 1,510.60 | 3/4 | 1,151.61 | 3/4 | 807.97 | 3/4 | 460.98 | 3/4 | 111.25 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,858.07 | 1   | 1,503.12 | 1   | 1,144.13 | 1   | 800.85 | 1   | 453.72 | 1   | 104.06 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,850.59 | 1/4 | 1,495.64 | 1/4 | 1,136.65 | 1/4 | 793.74 | 1/4 | 446.45 | 1/4 | 96.86  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,843.11 | 1/2 | 1,488.16 | 1/2 | 1,129.17 | 1/2 | 786.62 | 1/2 | 439.18 | 1/2 | 89.67  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,835.63 | 3/4 | 1,480.68 | 3/4 | 1,121.69 | 3/4 | 779.51 | 3/4 | 431.91 | 3/4 | 82.47  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,828.15 | 2   | 1,473.20 | 2   | 1,114.46 | 2   | 772.39 | 2   | 424.65 | 2   | 75.71  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,820.67 | 1/4 | 1,465.72 | 1/4 | 1,107.24 | 1/4 | 765.28 | 1/4 | 417.38 | 1/4 | 68.94  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,813.20 | 1/2 | 1,458.24 | 1/2 | 1,100.01 | 1/2 | 758.16 | 1/2 | 410.12 | 1/2 | 62.18  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,805.72 | 3/4 | 1,450.77 | 3/4 | 1,092.78 | 3/4 | 751.05 | 3/4 | 402.85 | 3/4 | 55.41  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,798.24 | 3   | 1,443.29 | 3   | 1,085.64 | 3   | 743.92 | 3   | 395.59 | 3   | 49.83  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,790.76 | 1/4 | 1,435.81 | 1/4 | 1,078.50 | 1/4 | 736.80 | 1/4 | 388.32 | 1/4 | 44.25  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,783.28 | 1/2 | 1,428.33 | 1/2 | 1,071.36 | 1/2 | 729.67 | 1/2 | 381.06 | 1/2 | 38.66  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,775.80 | 3/4 | 1,420.85 | 3/4 | 1,064.23 | 3/4 | 722.55 | 3/4 | 373.80 | 3/4 | 33.08  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,768.33 | 4   | 1,413.37 | 4   | 1,057.10 | 4   | 715.16 | 4   | 366.53 | 4   | 28.97  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,760.85 | 1/4 | 1,405.89 | 1/4 | 1,049.97 | 1/4 | 707.77 | 1/4 | 359.26 | 1/4 | 24.86  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,753.37 | 1/2 | 1,398.41 | 1/2 | 1,042.84 | 1/2 | 700.38 | 1/2 | 351.99 | 1/2 | 20.74  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,745.89 | 3/4 | 1,390.94 | 3/4 | 1,035.72 | 3/4 | 692.98 | 3/4 | 344.73 | 3/4 | 16.63  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,738.54 | 5   | 1,383.46 | 5   | 1,028.60 | 5   | 685.66 | 5   | 337.46 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,731.19 | 1/4 | 1,375.98 | 1/4 | 1,021.47 | 1/4 | 678.34 | 1/4 | 330.19 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,723.83 | 1/2 | 1,368.50 | 1/2 | 1,014.35 | 1/2 | 671.01 | 1/2 | 322.92 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,716.48 | 3/4 | 1,361.02 | 3/4 | 1,007.23 | 3/4 | 663.69 | 3/4 | 315.65 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,709.17 | 6   | 1,353.54 | 6   | 1,000.11 | 6   | 656.42 | 6   | 308.23 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,701.86 | 1/4 | 1,346.06 | 1/4 | 992.99   | 1/4 | 649.15 | 1/4 | 300.81 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,694.55 | 1/2 | 1,338.59 | 1/2 | 985.87   | 1/2 | 641.88 | 1/2 | 293.39 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,687.23 | 3/4 | 1,331.11 | 3/4 | 978.76   | 3/4 | 634.61 | 3/4 | 285.97 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,679.92 | 7   | 1,323.63 | 7   | 971.64   | 7   | 627.34 | 7   | 278.58 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,672.61 | 1/4 | 1,316.15 | 1/4 | 964.52   | 1/4 | 620.08 | 1/4 | 271.18 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,665.30 | 1/2 | 1,308.67 | 1/2 | 957.40   | 1/2 | 612.81 | 1/2 | 263.79 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,657.99 | 3/4 | 1,301.19 | 3/4 | 950.29   | 3/4 | 605.54 | 3/4 | 256.40 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,650.68 | 8   | 1,293.71 | 8   | 943.17   | 8   | 598.27 | 8   | 249.10 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,643.37 | 1/4 | 1,286.23 | 1/4 | 936.05   | 1/4 | 591.00 | 1/4 | 241.81 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,636.06 | 1/2 | 1,278.75 | 1/2 | 928.93   | 1/2 | 583.74 | 1/2 | 234.52 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,628.74 | 3/4 | 1,271.27 | 3/4 | 921.82   | 3/4 | 576.47 | 3/4 | 227.22 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,621.43 | 9   | 1,263.79 | 9   | 914.70   | 9   | 569.20 | 9   | 219.96 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,614.12 | 1/4 | 1,256.32 | 1/4 | 907.58   | 1/4 | 561.93 | 1/4 | 212.69 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,606.81 | 1/2 | 1,248.84 | 1/2 | 900.46   | 1/2 | 554.66 | 1/2 | 205.43 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,599.50 | 3/4 | 1,241.36 | 3/4 | 893.34   | 3/4 | 547.40 | 3/4 | 198.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,592.19 | 10  | 1,233.88 | 10  | 886.23   | 10  | 540.13 | 10  | 190.90 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,584.88 | 1/4 | 1,226.40 | 1/4 | 879.11   | 1/4 | 532.86 | 1/4 | 183.65 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,577.57 | 1/2 | 1,218.92 | 1/2 | 872.00   | 1/2 | 525.59 | 1/2 | 176.39 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,570.25 | 3/4 | 1,211.44 | 3/4 | 864.88   | 3/4 | 518.32 | 3/4 | 169.13 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,562.82 | 11  | 1,203.96 | 11  | 857.77   | 11  | 511.21 | 11  | 161.89 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,555.38 | 1/4 | 1,196.48 | 1/4 | 850.65   | 1/4 | 504.09 | 1/4 | 154.64 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,547.95 | 1/2 | 1,189.00 | 1/2 | 843.54   | 1/2 | 496.97 | 1/2 | 147.40 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,540.51 | 3/4 | 1,181.53 | 3/4 | 836.42   | 3/4 | 489.86 | 3/4 | 140.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL  
CALCULATED: 07/09/2013 CL  
PRINTED: 07/09/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
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# BARGE WEB 271"

# 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 0 FT. |          | 1 FT. |          | 2 FT. |          | 3 FT. |          | 4 FT. |          | 5 FT. |          | 6 FT. |          | 7 FT. |          | 8 FT. |          | 9 FT. |          |
|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      | IN    | OUT      |
| 0     |          | 0     | 5,124.45 | 0     | 4,767.21 | 0     | 4,409.05 | 0     | 4,050.89 | 0     | 3,692.04 | 0     | 3,333.09 | 0     | 2,974.14 | 0     | 2,615.18 | 0     | 2,256.23 |
| 1/4   |          | 1/4   | 5,117.09 | 1/4   | 4,759.74 | 1/4   | 4,401.59 | 1/4   | 4,043.43 | 1/4   | 3,684.56 | 1/4   | 3,325.61 | 1/4   | 2,966.66 | 1/4   | 2,607.70 | 1/4   | 2,248.75 |
| 1/2   |          | 1/2   | 5,109.72 | 1/2   | 4,752.28 | 1/2   | 4,394.13 | 1/2   | 4,035.97 | 1/2   | 3,677.09 | 1/2   | 3,318.13 | 1/2   | 2,959.18 | 1/2   | 2,600.23 | 1/2   | 2,241.27 |
| 3/4   |          | 3/4   | 5,102.35 | 3/4   | 4,744.82 | 3/4   | 4,386.66 | 3/4   | 4,028.51 | 3/4   | 3,669.61 | 3/4   | 3,310.65 | 3/4   | 2,951.70 | 3/4   | 2,592.76 | 3/4   | 2,233.79 |
| 1     |          | 1     | 5,094.97 | 1     | 4,737.36 | 1     | 4,379.20 | 1     | 4,021.05 | 1     | 3,662.13 | 1     | 3,303.18 | 1     | 2,944.22 | 1     | 2,585.27 | 1     | 2,226.32 |
| 1/4   |          | 1/4   | 5,087.59 | 1/4   | 4,729.90 | 1/4   | 4,371.74 | 1/4   | 4,013.58 | 1/4   | 3,654.65 | 1/4   | 3,295.70 | 1/4   | 2,936.74 | 1/4   | 2,577.79 | 1/4   | 2,218.84 |
| 1/2   |          | 1/2   | 5,080.21 | 1/2   | 4,722.44 | 1/2   | 4,364.28 | 1/2   | 4,006.12 | 1/2   | 3,647.17 | 1/2   | 3,288.22 | 1/2   | 2,929.27 | 1/2   | 2,570.31 | 1/2   | 2,211.36 |
| 3/4   |          | 3/4   | 5,072.83 | 3/4   | 4,714.97 | 3/4   | 4,356.82 | 3/4   | 3,998.65 | 3/4   | 3,639.69 | 3/4   | 3,280.74 | 3/4   | 2,921.79 | 3/4   | 2,562.83 | 3/4   | 2,203.88 |
| 2     |          | 2     | 5,065.44 | 2     | 4,707.51 | 2     | 4,349.36 | 2     | 3,991.17 | 2     | 3,632.22 | 2     | 3,273.26 | 2     | 2,914.31 | 2     | 2,555.36 | 2     | 2,196.40 |
| 1/4   |          | 1/4   | 5,058.06 | 1/4   | 4,700.05 | 1/4   | 4,341.89 | 1/4   | 3,983.69 | 1/4   | 3,624.74 | 1/4   | 3,265.78 | 1/4   | 2,906.83 | 1/4   | 2,547.88 | 1/4   | 2,188.92 |
| 1/2   |          | 1/2   | 5,050.67 | 1/2   | 4,692.59 | 1/2   | 4,334.43 | 1/2   | 3,976.21 | 1/2   | 3,617.26 | 1/2   | 3,258.31 | 1/2   | 2,899.35 | 1/2   | 2,540.40 | 1/2   | 2,181.45 |
| 3/4   |          | 3/4   | 5,043.23 | 3/4   | 4,685.13 | 3/4   | 4,326.97 | 3/4   | 3,968.74 | 3/4   | 3,609.78 | 3/4   | 3,250.83 | 3/4   | 2,891.87 | 3/4   | 2,532.92 | 3/4   | 2,173.97 |
| 3     |          | 3     | 5,035.79 | 3     | 4,677.67 | 3     | 4,319.51 | 3     | 3,961.26 | 3     | 3,602.30 | 3     | 3,243.35 | 3     | 2,884.40 | 3     | 2,525.44 | 3     | 2,166.49 |
| 1/4   |          | 1/4   | 5,028.34 | 1/4   | 4,670.20 | 1/4   | 4,312.05 | 1/4   | 3,953.78 | 1/4   | 3,594.83 | 1/4   | 3,235.87 | 1/4   | 2,876.92 | 1/4   | 2,517.96 | 1/4   | 2,159.01 |
| 1/2   |          | 1/2   | 5,020.90 | 1/2   | 4,662.74 | 1/2   | 4,304.59 | 1/2   | 3,946.30 | 1/2   | 3,587.35 | 1/2   | 3,228.39 | 1/2   | 2,869.44 | 1/2   | 2,510.49 | 1/2   | 2,151.53 |
| 3/4   |          | 3/4   | 5,013.44 | 3/4   | 4,655.28 | 3/4   | 4,297.12 | 3/4   | 3,938.82 | 3/4   | 3,579.87 | 3/4   | 3,220.92 | 3/4   | 2,861.96 | 3/4   | 2,503.01 | 3/4   | 2,144.06 |
| 4     |          | 4     | 5,005.98 | 4     | 4,647.82 | 4     | 4,289.66 | 4     | 3,931.34 | 4     | 3,572.39 | 4     | 3,213.44 | 4     | 2,854.48 | 4     | 2,495.53 | 4     | 2,136.58 |
| 1/4   |          | 1/4   | 4,998.52 | 1/4   | 4,640.36 | 1/4   | 4,282.20 | 1/4   | 3,923.87 | 1/4   | 3,564.91 | 1/4   | 3,206.96 | 1/4   | 2,847.01 | 1/4   | 2,488.05 | 1/4   | 2,129.10 |
| 1/2   |          | 1/2   | 4,991.05 | 1/2   | 4,632.90 | 1/2   | 4,274.74 | 1/2   | 3,916.39 | 1/2   | 3,557.43 | 1/2   | 3,198.48 | 1/2   | 2,839.53 | 1/2   | 2,480.57 | 1/2   | 2,121.63 |
| 3/4   |          | 3/4   | 4,983.59 | 3/4   | 4,625.44 | 3/4   | 4,267.28 | 3/4   | 3,908.91 | 3/4   | 3,549.96 | 3/4   | 3,191.00 | 3/4   | 2,832.05 | 3/4   | 2,473.10 | 3/4   | 2,114.15 |
| 5     |          | 5     | 4,976.13 | 5     | 4,617.97 | 5     | 4,259.82 | 5     | 3,901.43 | 5     | 3,542.48 | 5     | 3,183.52 | 5     | 2,824.57 | 5     | 2,465.62 | 5     | 2,106.68 |
| 1/4   |          | 1/4   | 4,968.67 | 1/4   | 4,610.51 | 1/4   | 4,252.36 | 1/4   | 3,893.95 | 1/4   | 3,535.00 | 1/4   | 3,176.05 | 1/4   | 2,817.09 | 1/4   | 2,458.14 | 1/4   | 2,099.21 |
| 1/2   | 5,285.42 | 1/2   | 4,961.21 | 1/2   | 4,603.05 | 1/2   | 4,244.89 | 1/2   | 3,886.48 | 1/2   | 3,527.52 | 1/2   | 3,168.57 | 1/2   | 2,809.61 | 1/2   | 2,450.66 | 1/2   | 2,091.73 |
| 3/4   | 5,281.50 | 3/4   | 4,953.75 | 3/4   | 4,595.59 | 3/4   | 4,237.43 | 3/4   | 3,879.00 | 3/4   | 3,520.04 | 3/4   | 3,161.09 | 3/4   | 2,802.14 | 3/4   | 2,443.18 | 3/4   | 2,084.26 |
| 6     | 5,277.59 | 6     | 4,946.28 | 6     | 4,588.13 | 6     | 4,229.97 | 6     | 3,871.52 | 6     | 3,512.57 | 6     | 3,153.61 | 6     | 2,794.66 | 6     | 2,435.70 | 6     | 2,076.78 |
| 1/4   | 5,273.67 | 1/4   | 4,938.82 | 1/4   | 4,580.67 | 1/4   | 4,222.51 | 1/4   | 3,864.04 | 1/4   | 3,505.09 | 1/4   | 3,146.13 | 1/4   | 2,787.18 | 1/4   | 2,428.23 | 1/4   | 2,069.31 |
| 1/2   | 5,269.76 | 1/2   | 4,931.36 | 1/2   | 4,573.20 | 1/2   | 4,215.05 | 1/2   | 3,856.56 | 1/2   | 3,497.61 | 1/2   | 3,138.66 | 1/2   | 2,779.70 | 1/2   | 2,420.75 | 1/2   | 2,061.84 |
| 3/4   | 5,264.77 | 3/4   | 4,923.90 | 3/4   | 4,565.74 | 3/4   | 4,207.59 | 3/4   | 3,849.08 | 3/4   | 3,490.13 | 3/4   | 3,131.18 | 3/4   | 2,772.22 | 3/4   | 2,413.27 | 3/4   | 2,054.36 |
| 7     | 5,259.79 | 7     | 4,916.44 | 7     | 4,558.28 | 7     | 4,200.12 | 7     | 3,841.61 | 7     | 3,482.66 | 7     | 3,123.70 | 7     | 2,764.75 | 7     | 2,405.79 | 7     | 2,046.88 |
| 1/4   | 5,254.80 | 1/4   | 4,908.98 | 1/4   | 4,550.82 | 1/4   | 4,192.66 | 1/4   | 3,834.13 | 1/4   | 3,475.17 | 1/4   | 3,116.22 | 1/4   | 2,757.27 | 1/4   | 2,398.31 | 1/4   | 2,039.40 |
| 1/2   | 5,249.82 | 1/2   | 4,901.51 | 1/2   | 4,543.36 | 1/2   | 4,185.20 | 1/2   | 3,826.65 | 1/2   | 3,467.70 | 1/2   | 3,108.74 | 1/2   | 2,749.79 | 1/2   | 2,390.84 | 1/2   | 2,031.92 |
| 3/4   | 5,243.77 | 3/4   | 4,894.05 | 3/4   | 4,535.90 | 3/4   | 4,177.74 | 3/4   | 3,819.17 | 3/4   | 3,460.22 | 3/4   | 3,101.26 | 3/4   | 2,742.31 | 3/4   | 2,383.36 | 3/4   | 2,024.44 |
| 8     | 5,237.72 | 8     | 4,886.59 | 8     | 4,528.43 | 8     | 4,170.26 | 8     | 3,811.69 | 8     | 3,452.74 | 8     | 3,093.79 | 8     | 2,734.83 | 8     | 2,375.88 | 8     | 2,016.97 |
| 1/4   | 5,231.66 | 1/4   | 4,879.13 | 1/4   | 4,520.97 | 1/4   | 4,162.82 | 1/4   | 3,804.22 | 1/4   | 3,445.26 | 1/4   | 3,086.31 | 1/4   | 2,727.35 | 1/4   | 2,368.40 | 1/4   | 2,009.49 |
| 1/2   | 5,225.61 | 1/2   | 4,871.67 | 1/2   | 4,513.51 | 1/2   | 4,155.35 | 1/2   | 3,796.74 | 1/2   | 3,437.78 | 1/2   | 3,078.83 | 1/2   | 2,719.88 | 1/2   | 2,360.92 | 1/2   | 2,002.01 |
| 3/4   | 5,218.64 | 3/4   | 4,864.21 | 3/4   | 4,506.05 | 3/4   | 4,147.89 | 3/4   | 3,789.26 | 3/4   | 3,430.31 | 3/4   | 3,071.35 | 3/4   | 2,712.40 | 3/4   | 2,353.44 | 3/4   | 1,994.53 |
| 9     | 5,211.66 | 9     | 4,856.74 | 9     | 4,498.59 | 9     | 4,140.43 | 9     | 3,781.78 | 9     | 3,422.83 | 9     | 3,063.87 | 9     | 2,704.92 | 9     | 2,345.97 | 9     | 1,987.05 |
| 1/4   | 5,204.68 | 1/4   | 4,849.28 | 1/4   | 4,491.13 | 1/4   | 4,132.97 | 1/4   | 3,774.30 | 1/4   | 3,415.36 | 1/4   | 3,056.40 | 1/4   | 2,697.44 | 1/4   | 2,338.49 | 1/4   | 1,979.58 |
| 1/2   | 5,197.71 | 1/2   | 4,841.82 | 1/2   | 4,483.66 | 1/2   | 4,125.51 | 1/2   | 3,766.82 | 1/2   | 3,407.87 | 1/2   | 3,048.92 | 1/2   | 2,689.96 | 1/2   | 2,331.01 | 1/2   | 1,972.10 |
| 3/4   | 5,190.42 | 3/4   | 4,834.36 | 3/4   | 4,476.20 | 3/4   | 4,118.05 | 3/4   | 3,759.35 | 3/4   | 3,400.39 | 3/4   | 3,041.44 | 3/4   | 2,682.49 | 3/4   | 2,323.53 | 3/4   | 1,964.62 |
| 10    | 5,183.13 | 10    | 4,826.90 | 10    | 4,468.74 | 10    | 4,110.58 | 10    | 3,751.87 | 10    | 3,392.91 | 10    | 3,033.96 | 10    | 2,675.01 | 10    | 2,316.05 | 10    | 1,957.14 |
| 1/4   | 5,175.84 | 1/4   | 4,819.44 | 1/4   | 4,461.28 | 1/4   | 4,103.12 | 1/4   | 3,744.39 | 1/4   | 3,385.44 | 1/4   | 3,026.48 | 1/4   | 2,667.53 | 1/4   | 2,308.58 | 1/4   | 1,949.66 |
| 1/2   | 5,168.55 | 1/2   | 4,811.98 | 1/2   | 4,453.82 | 1/2   | 4,095.66 | 1/2   | 3,736.91 | 1/2   | 3,377.96 | 1/2   | 3,019.00 | 1/2   | 2,660.05 | 1/2   | 2,301.10 | 1/2   | 1,942.18 |
| 3/4   | 5,161.21 | 3/4   | 4,804.51 | 3/4   | 4,446.36 | 3/4   | 4,088.20 | 3/4   | 3,729.43 | 3/4   | 3,370.48 | 3/4   | 3,011.53 | 3/4   | 2,652.57 | 3/4   | 2,293.62 | 3/4   | 1,934.71 |
| 11    | 5,153.86 | 11    | 4,797.05 | 11    | 4,438.90 | 11    | 4,080.74 | 11    | 3,721.96 | 11    | 3,363.00 | 11    | 3,004.05 | 11    | 2,645.09 | 11    | 2,286.14 | 11    | 1,927.23 |
| 1/4   | 5,146.52 | 1/4   | 4,789.59 | 1/4   | 4,431.43 | 1/4   | 4,073.28 | 1/4   | 3,714.48 | 1/4   | 3,355.52 | 1/4   | 2,996.57 | 1/4   | 2,637.62 | 1/4   | 2,278.66 | 1/4   | 1,919.75 |
| 1/2   | 5,139.18 | 1/2   | 4,782.13 | 1/2   | 4,423.97 | 1/2   | 4,065.82 | 1/2   | 3,707.00 | 1/2   | 3,348.05 | 1/2   | 2,989.09 | 1/2   | 2,630.14 | 1/2   | 2,271.18 | 1/2   | 1,912.27 |
| 3/4   | 5,131.81 | 3/4   | 4,774.67 | 3/4   | 4,416.51 | 3/4   | 4,058.35 | 3/4   | 3,699.52 | 3/4   | 3,340.57 | 3/4   | 2,981.61 | 3/4   | 2,622.66 | 3/4   | 2,263.71 | 3/4   | 1,904.79 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 46'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77688  
<http://www.pmacorp.net>





# BARGE WEB 271"

2 STBD  
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 10 FT. |          | 11 FT. |          | 12 FT. |          | 13 FT. |        | 14 FT. |        | 15 FT. |        | 16 FT. |  | 17 FT. |  | 18 FT. |  | 19 FT. |  |
|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|--------|--|--------|--|
| IN     |          | IN     |          | IN     |          | IN     |        | IN     |        | IN     |        | IN     |  | IN     |  | IN     |  | IN     |  |
| 0      | 1,897.32 | 0      | 1,542.33 | 0      | 1,185.23 | 0      | 827.20 | 0      | 475.42 | 0      | 125.70 | 0      |  | 0      |  | 0      |  | 0      |  |
| 1/4    | 1,889.84 | 1/4    | 1,534.87 | 1/4    | 1,177.75 | 1/4    | 819.75 | 1/4    | 468.21 | 1/4    | 118.48 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,882.36 | 1/2    | 1,527.41 | 1/2    | 1,170.27 | 1/2    | 812.30 | 1/2    | 460.99 | 1/2    | 111.25 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,874.88 | 3/4    | 1,519.93 | 3/4    | 1,162.79 | 3/4    | 804.85 | 3/4    | 453.72 | 3/4    | 104.06 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 1      | 1,867.40 | 1      | 1,512.45 | 1      | 1,155.32 | 1      | 797.41 | 1      | 446.45 | 1      | 96.86  | 1      |  | 1      |  | 1      |  | 1      |  |
| 1/4    | 1,859.92 | 1/4    | 1,504.97 | 1/4    | 1,147.84 | 1/4    | 789.96 | 1/4    | 439.18 | 1/4    | 89.67  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,852.45 | 1/2    | 1,497.50 | 1/2    | 1,140.36 | 1/2    | 782.51 | 1/2    | 431.91 | 1/2    | 82.47  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,844.97 | 3/4    | 1,490.02 | 3/4    | 1,132.88 | 3/4    | 775.06 | 3/4    | 424.65 | 3/4    | 75.71  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 2      | 1,837.49 | 2      | 1,482.54 | 2      | 1,125.40 | 2      | 767.62 | 2      | 417.38 | 2      | 68.94  | 2      |  | 2      |  | 2      |  | 2      |  |
| 1/4    | 1,830.01 | 1/4    | 1,475.06 | 1/4    | 1,117.92 | 1/4    | 760.17 | 1/4    | 410.12 | 1/4    | 62.18  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,822.53 | 1/2    | 1,467.58 | 1/2    | 1,110.44 | 1/2    | 752.72 | 1/2    | 402.85 | 1/2    | 55.41  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,815.06 | 3/4    | 1,460.10 | 3/4    | 1,102.97 | 3/4    | 745.26 | 3/4    | 395.59 | 3/4    | 49.83  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 3      | 1,807.58 | 3      | 1,452.62 | 3      | 1,095.50 | 3      | 737.80 | 3      | 388.33 | 3      | 44.25  | 3      |  | 3      |  | 3      |  | 3      |  |
| 1/4    | 1,800.10 | 1/4    | 1,445.15 | 1/4    | 1,088.03 | 1/4    | 730.35 | 1/4    | 381.06 | 1/4    | 38.66  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,792.62 | 1/2    | 1,437.67 | 1/2    | 1,080.56 | 1/2    | 722.89 | 1/2    | 373.80 | 1/2    | 33.08  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,785.14 | 3/4    | 1,430.19 | 3/4    | 1,073.10 | 3/4    | 715.41 | 3/4    | 366.53 | 3/4    | 28.97  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 4      | 1,777.66 | 4      | 1,422.71 | 4      | 1,065.64 | 4      | 707.94 | 4      | 359.26 | 4      | 24.85  | 4      |  | 4      |  | 4      |  | 4      |  |
| 1/4    | 1,770.19 | 1/4    | 1,415.23 | 1/4    | 1,058.18 | 1/4    | 700.46 | 1/4    | 351.99 | 1/4    | 20.74  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,762.71 | 1/2    | 1,407.75 | 1/2    | 1,050.72 | 1/2    | 692.99 | 1/2    | 344.73 | 1/2    | 16.63  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,755.29 | 3/4    | 1,400.32 | 3/4    | 1,043.26 | 3/4    | 685.66 | 3/4    | 337.46 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 5      | 1,747.88 | 5      | 1,392.88 | 5      | 1,035.81 | 5      | 678.34 | 5      | 330.19 | 5      |        | 5      |  | 5      |  | 5      |  | 5      |  |
| 1/4    | 1,740.46 | 1/4    | 1,385.46 | 1/4    | 1,028.35 | 1/4    | 671.02 | 1/4    | 322.92 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,733.05 | 1/2    | 1,378.01 | 1/2    | 1,020.90 | 1/2    | 663.69 | 1/2    | 315.65 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,725.71 | 3/4    | 1,370.63 | 3/4    | 1,013.44 | 3/4    | 656.42 | 3/4    | 308.23 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 6      | 1,718.38 | 6      | 1,363.25 | 6      | 1,005.99 | 6      | 649.15 | 6      | 300.81 | 6      |        | 6      |  | 6      |  | 6      |  | 6      |  |
| 1/4    | 1,711.05 | 1/4    | 1,355.88 | 1/4    | 998.54   | 1/4    | 641.88 | 1/4    | 293.39 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,703.72 | 1/2    | 1,348.50 | 1/2    | 991.09   | 1/2    | 634.62 | 1/2    | 285.97 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,696.41 | 3/4    | 1,341.14 | 3/4    | 983.64   | 3/4    | 627.35 | 3/4    | 278.58 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 7      | 1,689.09 | 7      | 1,333.77 | 7      | 976.19   | 7      | 620.08 | 7      | 271.19 | 7      |        | 7      |  | 7      |  | 7      |  | 7      |  |
| 1/4    | 1,681.78 | 1/4    | 1,326.41 | 1/4    | 968.74   | 1/4    | 612.81 | 1/4    | 263.79 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,674.47 | 1/2    | 1,319.05 | 1/2    | 961.29   | 1/2    | 605.54 | 1/2    | 256.40 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,667.16 | 3/4    | 1,311.68 | 3/4    | 953.83   | 3/4    | 598.28 | 3/4    | 249.10 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 8      | 1,659.85 | 8      | 1,304.32 | 8      | 946.38   | 8      | 591.01 | 8      | 241.81 | 8      |        | 8      |  | 8      |  | 8      |  | 8      |  |
| 1/4    | 1,652.54 | 1/4    | 1,296.96 | 1/4    | 938.93   | 1/4    | 583.74 | 1/4    | 234.52 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,645.23 | 1/2    | 1,289.59 | 1/2    | 931.48   | 1/2    | 576.47 | 1/2    | 227.22 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,637.92 | 3/4    | 1,282.19 | 3/4    | 924.03   | 3/4    | 569.20 | 3/4    | 219.96 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 9      | 1,630.60 | 9      | 1,274.78 | 9      | 916.58   | 9      | 561.94 | 9      | 212.69 | 9      |        | 9      |  | 9      |  | 9      |  | 9      |  |
| 1/4    | 1,623.29 | 1/4    | 1,267.37 | 1/4    | 909.13   | 1/4    | 554.67 | 1/4    | 205.43 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,615.98 | 1/2    | 1,259.96 | 1/2    | 901.68   | 1/2    | 547.40 | 1/2    | 198.16 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,608.67 | 3/4    | 1,252.50 | 3/4    | 894.23   | 3/4    | 540.13 | 3/4    | 190.91 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 10     | 1,601.36 | 10     | 1,245.04 | 10     | 886.78   | 10     | 532.86 | 10     | 183.65 | 10     |        | 10     |  | 10     |  | 10     |  | 10     |  |
| 1/4    | 1,594.05 | 1/4    | 1,237.57 | 1/4    | 879.33   | 1/4    | 525.60 | 1/4    | 176.39 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,586.74 | 1/2    | 1,230.11 | 1/2    | 871.88   | 1/2    | 518.33 | 1/2    | 169.13 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,579.36 | 3/4    | 1,222.63 | 3/4    | 864.44   | 3/4    | 511.21 | 3/4    | 161.89 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 11     | 1,571.99 | 11     | 1,215.15 | 11     | 856.99   | 11     | 504.09 | 11     | 154.65 | 11     |        | 11     |  | 11     |  | 11     |  | 11     |  |
| 1/4    | 1,564.61 | 1/4    | 1,207.67 | 1/4    | 849.54   | 1/4    | 496.98 | 1/4    | 147.40 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,557.24 | 1/2    | 1,200.19 | 1/2    | 842.09   | 1/2    | 489.86 | 1/2    | 140.16 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,549.78 | 3/4    | 1,192.71 | 3/4    | 834.65   | 3/4    | 482.64 | 3/4    | 132.93 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL  
CALCULATED: 07/09/2013 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
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# BARGE WEB 271"

# 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 0 FT. |     | 1 FT.    |     | 2 FT.    |     | 3 FT.    |     | 4 FT.    |     | 5 FT.    |     | 6 FT.    |     | 7 FT.    |     | 8 FT.    |     | 9 FT.    |    |
|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|----|
| IN    | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN |
| 0     | 0   | 4,270.89 | 0   | 4,135.59 | 0   | 3,999.68 | 0   | 3,863.77 | 0   | 3,641.90 | 0   | 3,287.10 | 0   | 2,931.75 | 0   | 2,576.53 | 0   | 2,220.78 |    |
| 1/4   | 1/4 | 4,268.11 | 1/4 | 4,132.76 | 1/4 | 3,996.85 | 1/4 | 3,860.94 | 1/4 | 3,634.55 | 1/4 | 3,279.69 | 1/4 | 2,924.35 | 1/4 | 2,569.13 | 1/4 | 2,213.38 |    |
| 1/2   | 1/2 | 4,265.34 | 1/2 | 4,129.92 | 1/2 | 3,994.02 | 1/2 | 3,858.11 | 1/2 | 3,627.21 | 1/2 | 3,272.29 | 1/2 | 2,916.95 | 1/2 | 2,561.72 | 1/2 | 2,205.98 |    |
| 3/4   | 3/4 | 4,262.57 | 3/4 | 4,127.09 | 3/4 | 3,991.19 | 3/4 | 3,855.28 | 3/4 | 3,619.85 | 3/4 | 3,264.89 | 3/4 | 2,909.55 | 3/4 | 2,554.32 | 3/4 | 2,198.61 |    |
| 1     | 1   | 4,259.79 | 1   | 4,124.26 | 1   | 3,988.35 | 1   | 3,852.45 | 1   | 3,612.49 | 1   | 3,257.49 | 1   | 2,902.15 | 1   | 2,546.91 | 1   | 2,191.24 |    |
| 1/4   | 1/4 | 4,257.01 | 1/4 | 4,121.43 | 1/4 | 3,985.52 | 1/4 | 3,849.62 | 1/4 | 3,605.13 | 1/4 | 3,250.08 | 1/4 | 2,894.75 | 1/4 | 2,539.51 | 1/4 | 2,183.87 |    |
| 1/2   | 1/2 | 4,254.24 | 1/2 | 4,118.60 | 1/2 | 3,982.69 | 1/2 | 3,846.78 | 1/2 | 3,597.77 | 1/2 | 3,242.68 | 1/2 | 2,887.35 | 1/2 | 2,532.10 | 1/2 | 2,176.50 |    |
| 3/4   | 3/4 | 4,251.46 | 3/4 | 4,115.77 | 3/4 | 3,979.86 | 3/4 | 3,843.95 | 3/4 | 3,590.40 | 3/4 | 3,235.28 | 3/4 | 2,879.95 | 3/4 | 2,524.70 | 3/4 | 2,169.14 |    |
| 2     | 2   | 4,248.68 | 2   | 4,112.94 | 2   | 3,977.03 | 2   | 3,841.11 | 2   | 3,583.03 | 2   | 3,227.87 | 2   | 2,872.55 | 2   | 2,517.30 | 2   | 2,161.77 |    |
| 1/4   | 1/4 | 4,245.90 | 1/4 | 4,110.10 | 1/4 | 3,974.20 | 1/4 | 3,838.28 | 1/4 | 3,575.66 | 1/4 | 3,220.47 | 1/4 | 2,865.15 | 1/4 | 2,509.89 | 1/4 | 2,154.41 |    |
| 1/2   | 1/2 | 4,243.12 | 1/2 | 4,107.27 | 1/2 | 3,971.37 | 1/2 | 3,835.44 | 1/2 | 3,568.29 | 1/2 | 3,213.07 | 1/2 | 2,857.75 | 1/2 | 2,502.49 | 1/2 | 2,147.05 |    |
| 3/4   | 3/4 | 4,240.31 | 3/4 | 4,104.44 | 3/4 | 3,968.53 | 3/4 | 3,832.60 | 3/4 | 3,560.91 | 3/4 | 3,205.66 | 3/4 | 2,850.35 | 3/4 | 2,495.07 | 3/4 | 2,139.69 |    |
| 3     | 3   | 4,237.49 | 3   | 4,101.61 | 3   | 3,965.70 | 3   | 3,829.77 | 3   | 3,553.53 | 3   | 3,198.26 | 3   | 2,842.96 | 3   | 2,487.66 | 3   | 2,132.33 |    |
| 1/4   | 1/4 | 4,234.67 | 1/4 | 4,098.78 | 1/4 | 3,962.87 | 1/4 | 3,826.93 | 1/4 | 3,546.16 | 1/4 | 3,190.86 | 1/4 | 2,835.56 | 1/4 | 2,480.25 | 1/4 | 2,124.97 |    |
| 1/2   | 1/2 | 4,231.85 | 1/2 | 4,095.95 | 1/2 | 3,960.04 | 1/2 | 3,824.09 | 1/2 | 3,538.78 | 1/2 | 3,183.46 | 1/2 | 2,828.16 | 1/2 | 2,472.83 | 1/2 | 2,117.60 |    |
| 3/4   | 3/4 | 4,229.02 | 3/4 | 4,093.12 | 3/4 | 3,957.21 | 3/4 | 3,821.04 | 3/4 | 3,531.38 | 3/4 | 3,176.05 | 3/4 | 2,820.76 | 3/4 | 2,465.42 | 3/4 | 2,110.25 |    |
| 4     | 4   | 4,226.19 | 4   | 4,090.28 | 4   | 3,954.38 | 4   | 3,817.98 | 4   | 3,523.99 | 4   | 3,168.65 | 4   | 2,813.36 | 4   | 2,458.00 | 4   | 2,102.89 |    |
| 1/4   | 1/4 | 4,223.36 | 1/4 | 4,087.45 | 1/4 | 3,951.55 | 1/4 | 3,814.92 | 1/4 | 3,516.59 | 1/4 | 3,161.25 | 1/4 | 2,805.96 | 1/4 | 2,450.59 | 1/4 | 2,095.53 |    |
| 1/2   | 1/2 | 4,220.53 | 1/2 | 4,084.62 | 1/2 | 3,948.71 | 1/2 | 3,811.86 | 1/2 | 3,509.19 | 1/2 | 3,153.84 | 1/2 | 2,798.57 | 1/2 | 2,443.17 | 1/2 | 2,088.17 |    |
| 3/4   | 3/4 | 4,217.70 | 3/4 | 4,081.79 | 3/4 | 3,945.88 | 3/4 | 3,808.24 | 3/4 | 3,501.79 | 3/4 | 3,146.44 | 3/4 | 2,791.17 | 3/4 | 2,435.76 | 3/4 | 2,080.81 |    |
| 5     | 5   | 4,214.87 | 5   | 4,078.96 | 5   | 3,943.05 | 5   | 3,804.62 | 5   | 3,494.38 | 5   | 3,139.04 | 5   | 2,783.77 | 5   | 2,428.35 | 5   | 2,073.45 |    |
| 1/4   | 1/4 | 4,212.03 | 1/4 | 4,076.13 | 1/4 | 3,940.22 | 1/4 | 3,800.99 | 1/4 | 3,486.98 | 1/4 | 3,131.63 | 1/4 | 2,776.37 | 1/4 | 2,420.94 | 1/4 | 2,066.10 |    |
| 1/2   | 1/2 | 4,331.37 | 1/2 | 4,209.20 | 1/2 | 4,073.30 | 1/2 | 3,937.39 | 1/2 | 3,797.37 | 1/2 | 3,124.23 | 1/2 | 2,768.97 | 1/2 | 2,413.52 | 1/2 | 2,058.74 |    |
| 3/4   | 3/4 | 4,329.91 | 3/4 | 4,206.37 | 3/4 | 4,070.46 | 3/4 | 3,934.56 | 3/4 | 3,793.09 | 3/4 | 3,472.17 | 3/4 | 3,116.83 | 3/4 | 2,761.67 | 3/4 | 2,051.38 |    |
| 6     | 6   | 4,328.45 | 6   | 4,203.54 | 6   | 4,067.63 | 6   | 3,931.73 | 6   | 3,788.81 | 6   | 3,464.77 | 6   | 3,109.43 | 6   | 2,754.17 | 6   | 2,044.03 |    |
| 1/4   | 1/4 | 4,326.98 | 1/4 | 4,200.71 | 1/4 | 4,064.80 | 1/4 | 3,928.89 | 1/4 | 3,784.53 | 1/4 | 3,457.37 | 1/4 | 3,102.02 | 1/4 | 2,746.78 | 1/4 | 2,036.67 |    |
| 1/2   | 1/2 | 4,325.52 | 1/2 | 4,197.88 | 1/2 | 4,061.97 | 1/2 | 3,926.06 | 1/2 | 3,780.25 | 1/2 | 3,449.96 | 1/2 | 3,094.62 | 1/2 | 2,739.38 | 1/2 | 2,033.88 |    |
| 3/4   | 3/4 | 4,323.65 | 3/4 | 4,195.05 | 3/4 | 4,059.14 | 3/4 | 3,923.23 | 3/4 | 3,775.31 | 3/4 | 3,442.56 | 3/4 | 3,087.22 | 3/4 | 2,731.98 | 3/4 | 2,026.51 |    |
| 7     | 7   | 4,321.78 | 7   | 4,192.21 | 7   | 4,056.31 | 7   | 3,920.40 | 7   | 3,770.38 | 7   | 3,435.16 | 7   | 3,079.81 | 7   | 2,724.58 | 7   | 2,014.59 |    |
| 1/4   | 1/4 | 4,319.92 | 1/4 | 4,189.38 | 1/4 | 4,053.48 | 1/4 | 3,917.57 | 1/4 | 3,765.44 | 1/4 | 3,427.75 | 1/4 | 3,072.41 | 1/4 | 2,717.18 | 1/4 | 2,007.23 |    |
| 1/2   | 1/2 | 4,318.05 | 1/2 | 4,186.55 | 1/2 | 4,050.64 | 1/2 | 3,914.74 | 1/2 | 3,760.51 | 1/2 | 3,420.35 | 1/2 | 3,065.01 | 1/2 | 2,709.78 | 1/2 | 2,000.87 |    |
| 3/4   | 3/4 | 4,316.17 | 3/4 | 4,183.72 | 3/4 | 4,047.81 | 3/4 | 3,911.91 | 3/4 | 3,754.92 | 3/4 | 3,412.95 | 3/4 | 3,057.60 | 3/4 | 2,702.38 | 3/4 | 1,992.51 |    |
| 8     | 8   | 4,313.50 | 8   | 4,180.89 | 8   | 4,044.98 | 8   | 3,909.07 | 8   | 3,749.33 | 8   | 3,405.56 | 8   | 3,050.20 | 8   | 2,694.99 | 8   | 1,985.15 |    |
| 1/4   | 1/4 | 4,311.23 | 1/4 | 4,178.06 | 1/4 | 4,042.15 | 1/4 | 3,906.24 | 1/4 | 3,743.73 | 1/4 | 3,398.14 | 1/4 | 3,042.80 | 1/4 | 2,687.59 | 1/4 | 1,977.78 |    |
| 1/2   | 1/2 | 4,308.95 | 1/2 | 4,175.23 | 1/2 | 4,039.32 | 1/2 | 3,903.41 | 1/2 | 3,738.14 | 1/2 | 3,390.74 | 1/2 | 3,035.40 | 1/2 | 2,680.19 | 1/2 | 1,970.42 |    |
| 3/4   | 3/4 | 4,306.33 | 3/4 | 4,172.39 | 3/4 | 4,036.49 | 3/4 | 3,900.58 | 3/4 | 3,731.90 | 3/4 | 3,383.34 | 3/4 | 3,027.99 | 3/4 | 2,672.79 | 3/4 | 1,963.07 |    |
| 9     | 9   | 4,303.70 | 9   | 4,169.56 | 9   | 4,033.66 | 9   | 3,897.75 | 9   | 3,725.65 | 9   | 3,375.93 | 9   | 3,020.59 | 9   | 2,665.38 | 9   | 1,955.72 |    |
| 1/4   | 1/4 | 4,301.08 | 1/4 | 4,166.73 | 1/4 | 4,030.82 | 1/4 | 3,894.92 | 1/4 | 3,719.41 | 1/4 | 3,368.53 | 1/4 | 3,013.19 | 1/4 | 2,657.98 | 1/4 | 1,948.37 |    |
| 1/2   | 1/2 | 4,298.46 | 1/2 | 4,163.90 | 1/2 | 4,027.99 | 1/2 | 3,892.09 | 1/2 | 3,713.16 | 1/2 | 3,361.13 | 1/2 | 3,005.78 | 1/2 | 2,650.58 | 1/2 | 1,941.01 |    |
| 3/4   | 3/4 | 4,295.71 | 3/4 | 4,161.07 | 3/4 | 4,025.16 | 3/4 | 3,889.25 | 3/4 | 3,706.27 | 3/4 | 3,353.72 | 3/4 | 2,998.38 | 3/4 | 2,643.17 | 3/4 | 1,933.66 |    |
| 10    | 10  | 4,292.97 | 10  | 4,158.24 | 10  | 4,022.33 | 10  | 3,886.42 | 10  | 3,699.38 | 10  | 3,346.32 | 10  | 2,990.98 | 10  | 2,635.77 | 10  | 1,926.32 |    |
| 1/4   | 1/4 | 4,290.23 | 1/4 | 4,155.41 | 1/4 | 4,019.50 | 1/4 | 3,883.59 | 1/4 | 3,692.50 | 1/4 | 3,338.92 | 1/4 | 2,983.57 | 1/4 | 2,628.36 | 1/4 | 1,918.97 |    |
| 1/2   | 1/2 | 4,287.48 | 1/2 | 4,152.57 | 1/2 | 4,016.67 | 1/2 | 3,880.76 | 1/2 | 3,685.61 | 1/2 | 3,331.52 | 1/2 | 2,976.17 | 1/2 | 2,620.96 | 1/2 | 1,911.62 |    |
| 3/4   | 3/4 | 4,284.72 | 3/4 | 4,149.74 | 3/4 | 4,013.84 | 3/4 | 3,877.93 | 3/4 | 3,678.35 | 3/4 | 3,324.11 | 3/4 | 2,968.77 | 3/4 | 2,613.55 | 3/4 | 1,904.26 |    |
| 11    | 11  | 4,281.96 | 11  | 4,146.91 | 11  | 4,011.00 | 11  | 3,875.10 | 11  | 3,671.10 | 11  | 3,316.71 | 11  | 2,961.37 | 11  | 2,606.15 | 11  | 1,896.90 |    |
| 1/4   | 1/4 | 4,279.19 | 1/4 | 4,144.08 | 1/4 | 4,008.17 | 1/4 | 3,872.27 | 1/4 | 3,663.84 | 1/4 | 3,309.31 | 1/4 | 2,953.96 | 1/4 | 2,598.74 | 1/4 | 1,889.54 |    |
| 1/2   | 1/2 | 4,276.43 | 1/2 | 4,141.25 | 1/2 | 4,005.34 | 1/2 | 3,869.43 | 1/2 | 3,656.58 | 1/2 | 3,301.90 | 1/2 | 2,946.56 | 1/2 | 2,591.34 | 1/2 | 1,882.18 |    |
| 3/4   | 3/4 | 4,273.66 | 3/4 | 4,138.42 | 3/4 | 4,002.51 | 3/4 | 3,866.60 | 3/4 | 3,649.24 | 3/4 | 3,294.50 | 3/4 | 2,939.16 | 3/4 | 2,583.94 | 3/4 | 1,874.82 |    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 68'-09" FORWARD OF AFT BULKHEAD.

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# BARGE WEB 271"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/2"

| 10 FT. |          | 11 FT. |          | 12 FT. |          | 13 FT. |        | 14 FT. |        | 15 FT. |        | 16 FT. |  | 17 FT. |  | 18 FT. |  | 19 FT. |  |
|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|--------|--------|--|--------|--|--------|--|--------|--|
| IN     |          | IN     |          | IN     |          | IN     |        | IN     |        | IN     |        | IN     |  | IN     |  | IN     |  | IN     |  |
| 0      | 1,867.46 | 0      | 1,515.94 | 0      | 1,169.92 | 0      | 817.45 | 0      | 471.66 | 0      | 124.83 | 0      |  | 0      |  | 0      |  | 0      |  |
| 1/4    | 1,860.10 | 1/4    | 1,508.52 | 1/4    | 1,152.51 | 1/4    | 810.34 | 1/4    | 464.50 | 1/4    | 117.66 | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,852.74 | 1/2    | 1,501.11 | 1/2    | 1,145.09 | 1/2    | 803.23 | 1/2    | 457.34 | 1/2    | 110.50 | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,845.38 | 3/4    | 1,493.69 | 3/4    | 1,137.88 | 3/4    | 796.13 | 3/4    | 450.13 | 3/4    | 103.36 | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 1      | 1,838.02 | 1      | 1,486.28 | 1      | 1,130.67 | 1      | 789.02 | 1      | 442.91 | 1      | 96.22  | 1      |  | 1      |  | 1      |  | 1      |  |
| 1/4    | 1,830.65 | 1/4    | 1,478.86 | 1/4    | 1,123.47 | 1/4    | 781.91 | 1/4    | 435.70 | 1/4    | 89.09  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,823.29 | 1/2    | 1,471.44 | 1/2    | 1,116.26 | 1/2    | 774.81 | 1/2    | 428.49 | 1/2    | 81.95  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,815.91 | 3/4    | 1,464.02 | 3/4    | 1,109.12 | 3/4    | 767.71 | 3/4    | 421.29 | 3/4    | 75.23  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 2      | 1,808.53 | 2      | 1,456.61 | 2      | 1,101.98 | 2      | 760.61 | 2      | 414.08 | 2      | 68.51  | 2      |  | 2      |  | 2      |  | 2      |  |
| 1/4    | 1,801.15 | 1/4    | 1,449.19 | 1/4    | 1,094.85 | 1/4    | 753.51 | 1/4    | 406.87 | 1/4    | 61.79  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,793.77 | 1/2    | 1,441.77 | 1/2    | 1,087.71 | 1/2    | 746.42 | 1/2    | 399.66 | 1/2    | 55.07  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,786.36 | 3/4    | 1,434.36 | 3/4    | 1,080.58 | 3/4    | 739.10 | 3/4    | 392.46 | 3/4    | 49.52  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 3      | 1,778.95 | 3      | 1,426.94 | 3      | 1,073.45 | 3      | 731.78 | 3      | 385.25 | 3      | 43.98  | 3      |  | 3      |  | 3      |  | 3      |  |
| 1/4    | 1,771.55 | 1/4    | 1,419.52 | 1/4    | 1,066.32 | 1/4    | 724.46 | 1/4    | 378.04 | 1/4    | 38.43  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,764.14 | 1/2    | 1,412.11 | 1/2    | 1,059.19 | 1/2    | 717.15 | 1/2    | 370.84 | 1/2    | 32.88  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,756.84 | 3/4    | 1,404.69 | 3/4    | 1,052.07 | 3/4    | 709.73 | 3/4    | 363.63 | 3/4    | 28.79  | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 4      | 1,749.55 | 4      | 1,397.27 | 4      | 1,044.95 | 4      | 702.32 | 4      | 356.42 | 4      | 24.70  | 4      |  | 4      |  | 4      |  | 4      |  |
| 1/4    | 1,742.25 | 1/4    | 1,389.86 | 1/4    | 1,037.83 | 1/4    | 694.91 | 1/4    | 349.21 | 1/4    | 20.62  | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,734.96 | 1/2    | 1,382.44 | 1/2    | 1,030.72 | 1/2    | 687.49 | 1/2    | 342.00 | 1/2    | 16.53  | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,727.71 | 3/4    | 1,375.02 | 3/4    | 1,023.60 | 3/4    | 680.23 | 3/4    | 334.79 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 5      | 1,720.45 | 5      | 1,367.60 | 5      | 1,016.49 | 5      | 672.96 | 5      | 327.58 | 5      |        | 5      |  | 5      |  | 5      |  | 5      |  |
| 1/4    | 1,713.20 | 1/4    | 1,360.19 | 1/4    | 1,009.38 | 1/4    | 665.69 | 1/4    | 320.37 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,705.95 | 1/2    | 1,352.77 | 1/2    | 1,002.26 | 1/2    | 658.43 | 1/2    | 313.16 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,698.70 | 3/4    | 1,345.35 | 3/4    | 995.15   | 3/4    | 651.22 | 3/4    | 305.81 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 6      | 1,691.45 | 6      | 1,337.94 | 6      | 988.04   | 6      | 644.00 | 6      | 298.45 | 6      |        | 6      |  | 6      |  | 6      |  | 6      |  |
| 1/4    | 1,684.20 | 1/4    | 1,330.52 | 1/4    | 980.93   | 1/4    | 636.79 | 1/4    | 291.09 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,676.95 | 1/2    | 1,323.10 | 1/2    | 973.82   | 1/2    | 629.58 | 1/2    | 283.73 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,669.69 | 3/4    | 1,315.69 | 3/4    | 966.71   | 3/4    | 622.37 | 3/4    | 276.40 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 7      | 1,662.44 | 7      | 1,308.27 | 7      | 959.60   | 7      | 615.16 | 7      | 269.07 | 7      |        | 7      |  | 7      |  | 7      |  | 7      |  |
| 1/4    | 1,655.18 | 1/4    | 1,300.85 | 1/4    | 952.49   | 1/4    | 607.95 | 1/4    | 261.74 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,647.92 | 1/2    | 1,293.43 | 1/2    | 945.38   | 1/2    | 600.74 | 1/2    | 254.41 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,640.67 | 3/4    | 1,286.02 | 3/4    | 938.28   | 3/4    | 593.53 | 3/4    | 247.17 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 8      | 1,633.41 | 8      | 1,278.60 | 8      | 931.17   | 8      | 586.32 | 8      | 239.94 | 8      |        | 8      |  | 8      |  | 8      |  | 8      |  |
| 1/4    | 1,626.15 | 1/4    | 1,271.18 | 1/4    | 924.06   | 1/4    | 579.11 | 1/4    | 232.71 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,618.90 | 1/2    | 1,263.76 | 1/2    | 916.95   | 1/2    | 571.90 | 1/2    | 225.48 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,611.64 | 3/4    | 1,256.35 | 3/4    | 909.84   | 3/4    | 564.69 | 3/4    | 218.28 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 9      | 1,604.38 | 9      | 1,248.93 | 9      | 902.73   | 9      | 557.48 | 9      | 211.08 | 9      |        | 9      |  | 9      |  | 9      |  | 9      |  |
| 1/4    | 1,597.12 | 1/4    | 1,241.51 | 1/4    | 895.62   | 1/4    | 550.27 | 1/4    | 203.87 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,589.87 | 1/2    | 1,234.10 | 1/2    | 888.51   | 1/2    | 543.06 | 1/2    | 196.67 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,582.50 | 3/4    | 1,226.68 | 3/4    | 881.40   | 3/4    | 535.85 | 3/4    | 189.47 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 10     | 1,575.13 | 10     | 1,219.26 | 10     | 874.30   | 10     | 528.64 | 10     | 182.28 | 10     |        | 10     |  | 10     |  | 10     |  | 10     |  |
| 1/4    | 1,567.76 | 1/4    | 1,211.84 | 1/4    | 867.19   | 1/4    | 521.43 | 1/4    | 175.08 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,560.39 | 1/2    | 1,204.43 | 1/2    | 860.08   | 1/2    | 514.22 | 1/2    | 167.89 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,552.98 | 3/4    | 1,197.01 | 3/4    | 852.98   | 3/4    | 507.16 | 3/4    | 160.71 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |
| 11     | 1,545.58 | 11     | 1,189.59 | 11     | 845.87   | 11     | 500.10 | 11     | 153.53 | 11     |        | 11     |  | 11     |  | 11     |  | 11     |  |
| 1/4    | 1,538.17 | 1/4    | 1,182.17 | 1/4    | 838.76   | 1/4    | 493.04 | 1/4    | 146.34 | 1/4    |        | 1/4    |  | 1/4    |  | 1/4    |  | 1/4    |  |
| 1/2    | 1,530.77 | 1/2    | 1,174.76 | 1/2    | 831.66   | 1/2    | 485.98 | 1/2    | 139.16 | 1/2    |        | 1/2    |  | 1/2    |  | 1/2    |  | 1/2    |  |
| 3/4    | 1,523.35 | 3/4    | 1,167.34 | 3/4    | 824.55   | 3/4    | 478.82 | 3/4    | 132.00 | 3/4    |        | 3/4    |  | 3/4    |  | 3/4    |  | 3/4    |  |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL  
CALCULATED: 07/09/2013 CL  
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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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Pearland, Texas 77688  
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# BARGE WEB 271"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

| 0 FT. |     | 1 FT.    |     | 2 FT.    |     | 3 FT.    |     | 4 FT.    |     | 5 FT.    |     | 6 FT.    |     | 7 FT.    |     | 8 FT.    |     | 9 FT.    |     |          |
|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| IN    | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  | IN       | IN  |          |
| 0     | 0   | 4,289.62 | 0   | 4,163.36 | 0   | 4,017.16 | 0   | 3,880.97 | 0   | 3,653.32 | 0   | 3,297.44 | 0   | 2,941.38 | 0   | 2,585.45 | 0   | 2,229.78 |     |          |
| 1/4   | 1/4 | 4,286.69 | 1/4 | 4,150.52 | 1/4 | 4,014.32 | 1/4 | 3,878.13 | 1/4 | 3,645.94 | 1/4 | 3,290.02 | 1/4 | 2,933.96 | 1/4 | 2,578.03 | 1/4 | 2,222.38 |     |          |
| 1/2   | 1/2 | 4,283.86 | 1/2 | 4,147.68 | 1/2 | 4,011.49 | 1/2 | 3,875.29 | 1/2 | 3,638.54 | 1/2 | 3,282.60 | 1/2 | 2,926.55 | 1/2 | 2,570.61 | 1/2 | 2,214.96 |     |          |
| 3/4   | 3/4 | 4,281.03 | 3/4 | 4,144.84 | 3/4 | 4,008.65 | 3/4 | 3,872.45 | 3/4 | 3,631.14 | 3/4 | 3,275.18 | 3/4 | 2,919.13 | 3/4 | 2,563.20 | 3/4 | 2,207.55 |     |          |
| 1     | 1   | 4,278.20 | 1   | 4,142.01 | 1   | 4,005.81 | 1   | 3,869.62 | 1   | 3,623.74 | 1   | 3,267.77 | 1   | 2,911.72 | 1   | 2,555.78 | 1   | 2,200.14 |     |          |
| 1/4   | 1/4 | 4,275.36 | 1/4 | 4,139.17 | 1/4 | 4,002.97 | 1/4 | 3,866.78 | 1/4 | 3,616.35 | 1/4 | 3,260.35 | 1/4 | 2,904.30 | 1/4 | 2,548.37 | 1/4 | 2,192.72 |     |          |
| 1/2   | 1/2 | 4,272.53 | 1/2 | 4,136.33 | 1/2 | 4,000.14 | 1/2 | 3,863.94 | 1/2 | 3,608.94 | 1/2 | 3,252.93 | 1/2 | 2,896.89 | 1/2 | 2,540.95 | 1/2 | 2,185.31 |     |          |
| 3/4   | 3/4 | 4,269.69 | 3/4 | 4,133.49 | 3/4 | 3,997.30 | 3/4 | 3,861.10 | 3/4 | 3,601.53 | 3/4 | 3,245.51 | 3/4 | 2,889.48 | 3/4 | 2,533.54 | 3/4 | 2,177.90 |     |          |
| 2     | 2   | 4,266.85 | 2   | 4,130.66 | 2   | 3,994.46 | 2   | 3,858.27 | 2   | 3,594.12 | 2   | 3,238.09 | 2   | 2,882.06 | 2   | 2,526.13 | 2   | 2,170.46 |     |          |
| 1/4   | 1/4 | 4,264.02 | 1/4 | 4,127.82 | 1/4 | 3,991.62 | 1/4 | 3,855.43 | 1/4 | 3,586.71 | 1/4 | 3,230.68 | 1/4 | 2,874.65 | 1/4 | 2,518.71 | 1/4 | 2,163.07 |     |          |
| 1/2   | 1/2 | 4,261.18 | 1/2 | 4,124.98 | 1/2 | 3,988.79 | 1/2 | 3,852.59 | 1/2 | 3,579.30 | 1/2 | 3,223.26 | 1/2 | 2,867.24 | 1/2 | 2,511.30 | 1/2 | 2,155.69 |     |          |
| 3/4   | 3/4 | 4,258.34 | 3/4 | 4,122.14 | 3/4 | 3,985.95 | 3/4 | 3,849.75 | 3/4 | 3,571.89 | 3/4 | 3,215.84 | 3/4 | 2,859.82 | 3/4 | 2,503.89 | 3/4 | 2,148.31 |     |          |
| 3     | 3   | 4,255.50 | 3   | 4,119.31 | 3   | 3,983.11 | 3   | 3,846.92 | 3   | 3,564.47 | 3   | 3,208.42 | 3   | 2,852.41 | 3   | 2,496.47 | 3   | 2,140.93 |     |          |
| 1/4   | 1/4 | 4,252.66 | 1/4 | 4,116.47 | 1/4 | 3,980.27 | 1/4 | 3,844.08 | 1/4 | 3,557.06 | 1/4 | 3,201.00 | 1/4 | 2,845.00 | 1/4 | 2,489.06 | 1/4 | 2,133.55 |     |          |
| 1/2   | 1/2 | 4,249.83 | 1/2 | 4,113.63 | 1/2 | 3,977.44 | 1/2 | 3,841.00 | 1/2 | 3,549.64 | 1/2 | 3,193.59 | 1/2 | 2,837.68 | 1/2 | 2,481.65 | 1/2 | 2,126.18 |     |          |
| 3/4   | 3/4 | 4,246.99 | 3/4 | 4,110.79 | 3/4 | 3,974.60 | 3/4 | 3,837.91 | 3/4 | 3,542.22 | 3/4 | 3,186.17 | 3/4 | 2,830.17 | 3/4 | 2,474.23 | 3/4 | 2,118.81 |     |          |
| 4     | 4   | 4,244.15 | 4   | 4,107.96 | 4   | 3,971.76 | 4   | 3,834.83 | 4   | 3,534.81 | 4   | 3,178.75 | 4   | 2,822.76 | 4   | 2,466.82 | 4   | 2,111.44 |     |          |
| 1/4   | 1/4 | 4,241.31 | 1/4 | 4,105.12 | 1/4 | 3,968.92 | 1/4 | 3,831.74 | 1/4 | 3,527.39 | 1/4 | 3,171.33 | 1/4 | 2,815.34 | 1/4 | 2,459.41 | 1/4 | 2,104.07 |     |          |
| 1/2   | 1/2 | 4,238.48 | 1/2 | 4,102.28 | 1/2 | 3,966.09 | 1/2 | 3,828.09 | 1/2 | 3,519.97 | 1/2 | 3,163.92 | 1/2 | 2,807.93 | 1/2 | 2,452.00 | 1/2 | 2,096.71 |     |          |
| 3/4   | 3/4 | 4,235.64 | 3/4 | 4,099.44 | 3/4 | 3,963.25 | 3/4 | 3,824.43 | 3/4 | 3,512.55 | 3/4 | 3,156.50 | 3/4 | 2,800.52 | 3/4 | 2,444.59 | 3/4 | 2,089.34 |     |          |
| 5     | 5   | 4,232.80 | 5   | 4,096.61 | 5   | 3,960.41 | 5   | 3,820.77 | 5   | 3,505.14 | 5   | 3,149.08 | 5   | 2,793.10 | 5   | 2,437.17 | 5   | 2,081.97 |     |          |
| 1/4   | 1/4 | 4,354.31 | 1/4 | 4,229.97 | 1/4 | 4,093.77 | 1/4 | 3,957.57 | 1/4 | 3,817.11 | 1/4 | 3,497.72 | 1/4 | 3,141.66 | 1/4 | 2,785.69 | 1/4 | 2,429.76 | 1/4 | 2,074.61 |
| 1/2   | 1/2 | 4,352.79 | 1/2 | 4,227.13 | 1/2 | 4,090.93 | 1/2 | 3,954.74 | 1/2 | 3,812.80 | 1/2 | 3,490.30 | 1/2 | 3,134.24 | 1/2 | 2,778.28 | 1/2 | 2,422.35 | 1/2 | 2,067.24 |
| 3/4   | 3/4 | 4,351.27 | 3/4 | 4,224.29 | 3/4 | 4,088.10 | 3/4 | 3,951.90 | 3/4 | 3,808.48 | 3/4 | 3,482.89 | 3/4 | 3,126.83 | 3/4 | 2,770.86 | 3/4 | 2,414.95 | 3/4 | 2,059.87 |
| 6     | 6   | 4,349.75 | 6   | 4,221.45 | 6   | 4,085.26 | 6   | 3,949.06 | 6   | 3,804.17 | 6   | 3,475.47 | 6   | 3,119.41 | 6   | 2,763.45 | 6   | 2,407.54 | 6   | 2,052.51 |
| 1/4   | 1/4 | 4,348.23 | 1/4 | 4,218.62 | 1/4 | 4,082.42 | 1/4 | 3,946.23 | 1/4 | 3,799.86 | 1/4 | 3,468.05 | 1/4 | 3,111.99 | 1/4 | 2,756.04 | 1/4 | 2,400.13 | 1/4 | 2,045.14 |
| 1/2   | 1/2 | 4,346.31 | 1/2 | 4,215.78 | 1/2 | 4,079.58 | 1/2 | 3,943.39 | 1/2 | 3,794.88 | 1/2 | 3,460.63 | 1/2 | 3,104.57 | 1/2 | 2,748.62 | 1/2 | 2,392.72 | 1/2 | 2,037.77 |
| 3/4   | 3/4 | 4,344.38 | 3/4 | 4,212.94 | 3/4 | 4,076.75 | 3/4 | 3,940.55 | 3/4 | 3,789.91 | 3/4 | 3,453.21 | 3/4 | 3,097.15 | 3/4 | 2,741.21 | 3/4 | 2,385.31 | 3/4 | 2,030.40 |
| 7     | 7   | 4,342.46 | 7   | 4,210.10 | 7   | 4,073.91 | 7   | 3,937.71 | 7   | 3,784.94 | 7   | 3,445.80 | 7   | 3,089.74 | 7   | 2,733.80 | 7   | 2,377.90 | 7   | 2,023.03 |
| 1/4   | 1/4 | 4,340.54 | 1/4 | 4,207.27 | 1/4 | 4,071.07 | 1/4 | 3,934.88 | 1/4 | 3,779.97 | 1/4 | 3,438.38 | 1/4 | 3,082.32 | 1/4 | 2,726.38 | 1/4 | 2,370.49 | 1/4 | 2,015.66 |
| 1/2   | 1/2 | 4,338.20 | 1/2 | 4,204.43 | 1/2 | 4,068.23 | 1/2 | 3,932.04 | 1/2 | 3,774.34 | 1/2 | 3,430.96 | 1/2 | 3,074.90 | 1/2 | 2,718.97 | 1/2 | 2,363.08 | 1/2 | 2,008.29 |
| 3/4   | 3/4 | 4,335.87 | 3/4 | 4,201.59 | 3/4 | 4,065.40 | 3/4 | 3,929.20 | 3/4 | 3,768.72 | 3/4 | 3,423.54 | 3/4 | 3,067.48 | 3/4 | 2,711.56 | 3/4 | 2,355.66 | 3/4 | 2,000.92 |
| 8     | 8   | 4,333.54 | 8   | 4,198.75 | 8   | 4,062.56 | 8   | 3,926.36 | 8   | 3,763.09 | 8   | 3,416.12 | 8   | 3,060.06 | 8   | 2,704.14 | 8   | 2,348.25 | 8   | 1,993.55 |
| 1/4   | 1/4 | 4,331.21 | 1/4 | 4,195.92 | 1/4 | 4,059.72 | 1/4 | 3,923.53 | 1/4 | 3,757.46 | 1/4 | 3,408.71 | 1/4 | 3,052.65 | 1/4 | 2,696.73 | 1/4 | 2,340.84 | 1/4 | 1,986.18 |
| 1/2   | 1/2 | 4,328.53 | 1/2 | 4,193.08 | 1/2 | 4,056.88 | 1/2 | 3,920.69 | 1/2 | 3,751.18 | 1/2 | 3,401.29 | 1/2 | 3,045.23 | 1/2 | 2,689.31 | 1/2 | 2,333.43 | 1/2 | 1,978.81 |
| 3/4   | 3/4 | 4,325.85 | 3/4 | 4,190.24 | 3/4 | 4,054.05 | 3/4 | 3,917.86 | 3/4 | 3,744.90 | 3/4 | 3,393.87 | 3/4 | 3,037.81 | 3/4 | 2,681.89 | 3/4 | 2,326.03 | 3/4 | 1,971.44 |
| 9     | 9   | 4,323.17 | 9   | 4,187.40 | 9   | 4,051.21 | 9   | 3,915.01 | 9   | 3,738.61 | 9   | 3,386.45 | 9   | 3,030.39 | 9   | 2,674.48 | 9   | 2,318.63 | 9   | 1,964.07 |
| 1/4   | 1/4 | 4,320.49 | 1/4 | 4,184.57 | 1/4 | 4,048.37 | 1/4 | 3,912.18 | 1/4 | 3,732.33 | 1/4 | 3,379.03 | 1/4 | 3,022.98 | 1/4 | 2,667.06 | 1/4 | 2,311.22 | 1/4 | 1,956.69 |
| 1/2   | 1/2 | 4,317.69 | 1/2 | 4,181.73 | 1/2 | 4,045.53 | 1/2 | 3,909.34 | 1/2 | 3,725.41 | 1/2 | 3,371.62 | 1/2 | 3,015.56 | 1/2 | 2,659.64 | 1/2 | 2,303.82 | 1/2 | 1,949.32 |
| 3/4   | 3/4 | 4,314.89 | 3/4 | 4,178.89 | 3/4 | 4,042.70 | 3/4 | 3,906.50 | 3/4 | 3,718.48 | 3/4 | 3,364.20 | 3/4 | 3,008.14 | 3/4 | 2,652.22 | 3/4 | 2,296.43 | 3/4 | 1,941.95 |
| 10    | 10  | 4,312.09 | 10  | 4,176.05 | 10  | 4,039.86 | 10  | 3,903.66 | 10  | 3,711.56 | 10  | 3,356.78 | 10  | 3,000.72 | 10  | 2,644.80 | 10  | 2,289.03 | 10  | 1,934.58 |
| 1/4   | 1/4 | 4,309.29 | 1/4 | 4,173.22 | 1/4 | 4,037.02 | 1/4 | 3,900.83 | 1/4 | 3,704.63 | 1/4 | 3,349.36 | 1/4 | 2,993.30 | 1/4 | 2,637.38 | 1/4 | 2,281.63 | 1/4 | 1,927.21 |
| 1/2   | 1/2 | 4,306.47 | 1/2 | 4,170.38 | 1/2 | 4,034.18 | 1/2 | 3,897.99 | 1/2 | 3,697.34 | 1/2 | 3,341.94 | 1/2 | 2,985.89 | 1/2 | 2,629.96 | 1/2 | 2,274.22 | 1/2 | 1,919.84 |
| 3/4   | 3/4 | 4,303.65 | 3/4 | 4,167.54 | 3/4 | 4,031.35 | 3/4 | 3,895.15 | 3/4 | 3,690.05 | 3/4 | 3,334.53 | 3/4 | 2,978.47 | 3/4 | 2,622.54 | 3/4 | 2,266.82 | 3/4 | 1,912.47 |
| 11    | 11  | 4,300.83 | 11  | 4,164.71 | 11  | 4,028.51 | 11  | 3,892.31 | 11  | 3,682.75 | 11  | 3,327.11 | 11  | 2,971.05 | 11  | 2,615.12 | 11  | 2,259.42 | 11  | 1,905.10 |
| 1/4   | 1/4 | 4,298.01 | 1/4 | 4,161.87 | 1/4 | 4,025.67 | 1/4 | 3,889.48 | 1/4 | 3,675.46 | 1/4 | 3,319.69 | 1/4 | 2,963.63 | 1/4 | 2,607.70 | 1/4 | 2,252.01 | 1/4 | 1,897.73 |
| 1/2   | 1/2 | 4,295.18 | 1/2 | 4,159.03 | 1/2 | 4,022.84 | 1/2 | 3,886.64 | 1/2 | 3,668.08 | 1/2 | 3,312.27 | 1/2 | 2,956.21 | 1/2 | 2,600.28 | 1/2 | 2,244.60 | 1/2 | 1,890.36 |
| 3/4   | 3/4 | 4,292.35 | 3/4 | 4,156.19 | 3/4 | 4,020.00 | 3/4 | 3,883.80 | 3/4 | 3,660.70 | 3/4 | 3,304.86 | 3/4 | 2,948.80 | 3/4 | 2,592.86 | 3/4 | 2,237.19 | 3/4 | 1,882.99 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT.  
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 10" DIAMETER HATCH.  
 GAUGE POINT: (10" HATCH) LOCATED 10'-08" OFF CENTERLINE AND 68'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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 Pearland, Texas 77588  
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# BARGE "WEB 271"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-04 1/4"

| 10 FT. |          | 11 FT. |          | 12 FT. |          | 13 FT. |        | 14 FT. |        | 15 FT. |              | 16 FT. |  | 17 FT. |     | 18 FT. |  | 19 FT. |  |
|--------|----------|--------|----------|--------|----------|--------|--------|--------|--------|--------|--------------|--------|--|--------|-----|--------|--|--------|--|
| IN     |          | IN     |          | IN     |          | IN     |        | IN     |        | IN     |              | IN     |  | IN     |     | IN     |  | IN     |  |
| 0      | 1,875.62 | 0      | 1,524.28 | 0      | 1,168.53 | 0      | 813.27 | 0      | 464.53 | 0      | 117.67       | 0      |  | 0      |     | 0      |  | 0      |  |
| 1/4    | 1,868.25 | 1/4    | 1,516.86 | 1/4    | 1,161.10 | 1/4    | 805.88 | 1/4    | 457.37 | 1/4    | 110.51       | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,860.88 | 1/2    | 1,509.43 | 1/2    | 1,153.68 | 1/2    | 798.49 | 1/2    | 450.16 | 1/2    | 103.37       | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,853.51 | 3/4    | 1,502.01 | 3/4    | 1,146.26 | 3/4    | 791.10 | 3/4    | 442.95 | 3/4    | 96.23        | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 1      | 1,846.14 | 1      | 1,494.59 | 1      | 1,138.84 | 1      | 783.71 | 1      | 435.73 | 1      | 89.10        | 1      |  | 1      | 1   | 1      |  | 1      |  |
| 1/4    | 1,838.77 | 1/4    | 1,487.17 | 1/4    | 1,131.42 | 1/4    | 776.32 | 1/4    | 428.52 | 1/4    | 81.96        | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,831.39 | 1/2    | 1,479.75 | 1/2    | 1,123.99 | 1/2    | 768.93 | 1/2    | 421.31 | 1/2    | 75.24        | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,824.02 | 3/4    | 1,472.33 | 3/4    | 1,116.57 | 3/4    | 761.54 | 3/4    | 414.11 | 3/4    | 68.52        | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 2      | 1,816.65 | 2      | 1,464.91 | 2      | 1,109.15 | 2      | 754.15 | 2      | 406.90 | 2      | 61.80        | 2      |  | 2      | 2   | 2      |  | 2      |  |
| 1/4    | 1,809.28 | 1/4    | 1,457.49 | 1/4    | 1,101.73 | 1/4    | 746.76 | 1/4    | 399.69 | 1/4    | 55.08        | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,801.91 | 1/2    | 1,450.07 | 1/2    | 1,094.32 | 1/2    | 739.36 | 1/2    | 392.48 | 1/2    | 49.53        | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,794.54 | 3/4    | 1,442.65 | 3/4    | 1,086.90 | 3/4    | 731.97 | 3/4    | 385.27 | 3/4    | 43.98        | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 3      | 1,787.17 | 3      | 1,435.22 | 3      | 1,079.49 | 3      | 724.57 | 3      | 378.07 | 3      | 38.43        | 3      |  | 3      | 3   | 3      |  | 3      |  |
| 1/4    | 1,779.80 | 1/4    | 1,427.80 | 1/4    | 1,072.07 | 1/4    | 717.18 | 1/4    | 370.86 | 1/4    | 32.88        | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,772.43 | 1/2    | 1,420.38 | 1/2    | 1,064.67 | 1/2    | 709.77 | 1/2    | 363.65 | 1/2    | 28.80        | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,765.06 | 3/4    | 1,412.96 | 3/4    | 1,057.27 | 3/4    | 702.36 | 3/4    | 356.44 | 3/4    | 24.71        | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 4      | 1,757.69 | 4      | 1,405.54 | 4      | 1,049.87 | 4      | 694.95 | 4      | 349.23 | 4      | 20.62        | 4      |  | 4      | 4   | 4      |  | 4      |  |
| 1/4    | 1,750.32 | 1/4    | 1,398.12 | 1/4    | 1,042.46 | 1/4    | 687.55 | 1/4    | 342.02 | 1/4    | <u>16.53</u> | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,743.03 | 1/2    | 1,390.72 | 1/2    | 1,035.06 | 1/2    | 680.28 | 1/2    | 334.81 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,735.75 | 3/4    | 1,383.32 | 3/4    | 1,027.67 | 3/4    | 673.02 | 3/4    | 327.60 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 5      | 1,728.46 | 5      | 1,375.92 | 5      | 1,020.27 | 5      | 665.75 | 5      | 320.39 | 5      | 5            | 5      |  | 5      | 5   | 5      |  | 5      |  |
| 1/4    | 1,721.18 | 1/4    | 1,368.52 | 1/4    | 1,012.87 | 1/4    | 658.49 | 1/4    | 313.18 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,713.92 | 1/2    | 1,361.13 | 1/2    | 1,005.48 | 1/2    | 651.27 | 1/2    | 305.82 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,706.67 | 3/4    | 1,353.74 | 3/4    | 998.08   | 3/4    | 644.06 | 3/4    | 298.46 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 6      | 1,699.41 | 6      | 1,346.35 | 6      | 990.69   | 6      | 636.85 | 6      | 291.10 | 6      | 6            | 6      |  | 6      | 6   | 6      |  | 6      |  |
| 1/4    | 1,692.15 | 1/4    | 1,338.96 | 1/4    | 983.29   | 1/4    | 629.64 | 1/4    | 283.74 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,684.90 | 1/2    | 1,331.57 | 1/2    | 975.90   | 1/2    | 622.43 | 1/2    | 276.41 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,677.64 | 3/4    | 1,324.17 | 3/4    | 968.51   | 3/4    | 615.21 | 3/4    | 269.07 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 7      | 1,670.39 | 7      | 1,316.78 | 7      | 961.11   | 7      | 608.00 | 7      | 261.74 | 7      |              | 7      |  | 7      | 7   | 7      |  | 7      |  |
| 1/4    | 1,663.13 | 1/4    | 1,309.39 | 1/4    | 953.72   | 1/4    | 600.79 | 1/4    | 254.41 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,655.87 | 1/2    | 1,302.00 | 1/2    | 946.32   | 1/2    | 593.58 | 1/2    | 247.18 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,648.62 | 3/4    | 1,294.61 | 3/4    | 938.93   | 3/4    | 586.37 | 3/4    | 239.95 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 8      | 1,641.36 | 8      | 1,287.21 | 8      | 931.54   | 8      | 579.16 | 8      | 232.72 | 8      |              | 8      |  | 8      | 8   | 8      |  | 8      |  |
| 1/4    | 1,634.10 | 1/4    | 1,279.82 | 1/4    | 924.14   | 1/4    | 571.95 | 1/4    | 225.49 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,626.85 | 1/2    | 1,272.41 | 1/2    | 916.75   | 1/2    | 564.74 | 1/2    | 218.28 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,619.59 | 3/4    | 1,264.99 | 3/4    | 909.36   | 3/4    | 557.52 | 3/4    | 211.08 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 9      | 1,612.34 | 9      | 1,257.58 | 9      | 901.96   | 9      | 550.31 | 9      | 203.88 | 9      |              | 9      |  | 9      | 9   | 9      |  | 9      |  |
| 1/4    | 1,605.08 | 1/4    | 1,250.17 | 1/4    | 894.57   | 1/4    | 543.10 | 1/4    | 196.68 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,597.82 | 1/2    | 1,242.74 | 1/2    | 887.18   | 1/2    | 535.89 | 1/2    | 189.48 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,590.57 | 3/4    | 1,235.32 | 3/4    | 879.79   | 3/4    | 528.68 | 3/4    | 182.29 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 10     | 1,583.31 | 10     | 1,227.90 | 10     | 872.40   | 10     | 521.47 | 10     | 175.09 | 10     |              | 10     |  | 10     | 10  | 10     |  | 10     |  |
| 1/4    | 1,576.06 | 1/4    | 1,220.48 | 1/4    | 865.00   | 1/4    | 514.26 | 1/4    | 167.90 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,568.88 | 1/2    | 1,213.06 | 1/2    | 857.61   | 1/2    | 507.20 | 1/2    | 160.71 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,561.30 | 3/4    | 1,205.63 | 3/4    | 850.22   | 3/4    | 500.14 | 3/4    | 153.53 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |
| 11     | 1,553.92 | 11     | 1,198.21 | 11     | 842.83   | 11     | 493.08 | 11     | 146.35 | 11     |              | 11     |  | 11     | 11  | 11     |  | 11     |  |
| 1/4    | 1,546.54 | 1/4    | 1,190.79 | 1/4    | 835.44   | 1/4    | 486.02 | 1/4    | 139.17 | 1/4    |              | 1/4    |  | 1/4    | 1/4 | 1/4    |  | 1/4    |  |
| 1/2    | 1,539.12 | 1/2    | 1,183.37 | 1/2    | 828.05   | 1/2    | 478.85 | 1/2    | 132.00 | 1/2    |              | 1/2    |  | 1/2    | 1/2 | 1/2    |  | 1/2    |  |
| 3/4    | 1,531.70 | 3/4    | 1,175.95 | 3/4    | 820.66   | 3/4    | 471.69 | 3/4    | 124.84 | 3/4    |              | 3/4    |  | 3/4    | 3/4 | 3/4    |  | 3/4    |  |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/09/2013 CL  
CALCULATED: 07/09/2013 CL  
PRINTED: 07/09/2013 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2013

PRECISION MEASUREMENT  
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