



BARGE "CTC 29142"

INNAGE (10" HATCH)

| | 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 | 02-0/8 | - 02-0/8 | 04-0/8 | - 04-0/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/8 | - 10-1/8 | 12-1/8 | - 12-1/8 |
| 1 STBD | 02-0/8 | - 02-0/8 | 04-0/8 | - 04-0/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/8 | - 10-1/8 | 12-1/8 | - 12-1/8 |
| 2 PORT | 02-0/8 | - 02-0/8 | 04-1/8 | - 04-1/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/8 | - 10-1/8 | 12-1/4 | - 12-1/4 |
| 2 STBD | 02-0/8 | - 02-0/8 | 04-1/8 | - 04-1/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/4 | - 10-1/4 | 12-1/4 | - 12-1/4 |
| 3 PORT | - 02-0/8 | 02-0/8 | - 04-0/8 | 04-0/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/8 | 10-1/8 | - 12-1/8 | 12-1/8 |
| 3 STBD | - 02-0/8 | 02-0/8 | - 04-0/8 | 04-0/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/8 | 10-1/8 | - 12-1/8 | 12-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 08-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-03 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 7, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29142"

1 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.23 | 0 | 262.88 | 0 | 608.09 | 0 | 964.54 | 0 | 1,321.44 | 0 | 1,679.39 | 0 | 2,037.33 | 0 | 2,395.28 | 0 | 2,753.18 | 0 | 3,111.03 |
| 1/4 | 4.09 | 1/4 | 269.64 | 1/4 | 615.55 | 1/4 | 971.93 | 1/4 | 1,328.90 | 1/4 | 1,686.84 | 1/4 | 2,044.79 | 1/4 | 2,402.73 | 1/4 | 2,760.64 | 1/4 | 3,118.48 |
| 1/2 | 5.96 | 1/2 | 276.39 | 1/2 | 623.01 | 1/2 | 979.33 | 1/2 | 1,336.35 | 1/2 | 1,694.30 | 1/2 | 2,052.25 | 1/2 | 2,410.19 | 1/2 | 2,768.09 | 1/2 | 3,125.94 |
| 3/4 | 7.82 | 3/4 | 283.15 | 3/4 | 630.46 | 3/4 | 986.73 | 3/4 | 1,343.81 | 3/4 | 1,701.76 | 3/4 | 2,059.70 | 3/4 | 2,417.65 | 3/4 | 2,775.55 | 3/4 | 3,133.39 |
| 1 | 9.69 | 1 | 289.91 | 1 | 637.92 | 1 | 994.13 | 1 | 1,351.27 | 1 | 1,709.21 | 1 | 2,067.16 | 1 | 2,425.11 | 1 | 2,783.00 | 1 | 3,140.85 |
| 1/4 | 12.61 | 1/4 | 296.75 | 1/4 | 645.38 | 1/4 | 1,001.53 | 1/4 | 1,358.73 | 1/4 | 1,716.67 | 1/4 | 2,074.62 | 1/4 | 2,432.56 | 1/4 | 2,790.46 | 1/4 | 3,148.30 |
| 1/2 | 15.52 | 1/2 | 303.60 | 1/2 | 652.83 | 1/2 | 1,008.93 | 1/2 | 1,366.18 | 1/2 | 1,724.13 | 1/2 | 2,082.07 | 1/2 | 2,440.02 | 1/2 | 2,797.91 | 1/2 | 3,155.76 |
| 3/4 | 18.44 | 3/4 | 310.44 | 3/4 | 660.29 | 3/4 | 1,016.32 | 3/4 | 1,373.64 | 3/4 | 1,731.59 | 3/4 | 2,089.53 | 3/4 | 2,447.48 | 3/4 | 2,805.37 | 3/4 | 3,163.21 |
| 2 | 21.36 | 2 | 317.29 | 2 | 667.75 | 2 | 1,023.72 | 2 | 1,381.10 | 2 | 1,739.04 | 2 | 2,096.99 | 2 | 2,454.93 | 2 | 2,812.82 | 2 | 3,170.67 |
| 1/4 | 25.38 | 1/4 | 324.22 | 1/4 | 675.20 | 1/4 | 1,031.12 | 1/4 | 1,388.56 | 1/4 | 1,746.50 | 1/4 | 2,104.45 | 1/4 | 2,462.39 | 1/4 | 2,820.28 | 1/4 | 3,178.12 |
| 1/2 | 29.40 | 1/2 | 331.15 | 1/2 | 682.66 | 1/2 | 1,038.53 | 1/2 | 1,396.01 | 1/2 | 1,753.96 | 1/2 | 2,111.90 | 1/2 | 2,469.85 | 1/2 | 2,827.73 | 1/2 | 3,185.58 |
| 3/4 | 33.41 | 3/4 | 338.08 | 3/4 | 690.12 | 3/4 | 1,045.93 | 3/4 | 1,403.47 | 3/4 | 1,761.42 | 3/4 | 2,119.36 | 3/4 | 2,477.31 | 3/4 | 2,835.19 | 3/4 | 3,193.03 |
| 3 | 37.43 | 3 | 345.02 | 3 | 697.58 | 3 | 1,053.33 | 3 | 1,410.93 | 3 | 1,768.87 | 3 | 2,126.82 | 3 | 2,484.76 | 3 | 2,842.64 | 3 | 3,200.49 |
| 1/4 | 42.92 | 1/4 | 352.04 | 1/4 | 705.03 | 1/4 | 1,060.75 | 1/4 | 1,418.38 | 1/4 | 1,776.33 | 1/4 | 2,134.28 | 1/4 | 2,492.22 | 1/4 | 2,850.10 | 1/4 | 3,207.94 |
| 1/2 | 48.40 | 1/2 | 359.06 | 1/2 | 712.49 | 1/2 | 1,068.17 | 1/2 | 1,425.84 | 1/2 | 1,783.79 | 1/2 | 2,141.73 | 1/2 | 2,499.68 | 1/2 | 2,857.55 | 1/2 | 3,215.40 |
| 3/4 | 53.89 | 3/4 | 366.08 | 3/4 | 719.95 | 3/4 | 1,075.58 | 3/4 | 1,433.30 | 3/4 | 1,791.24 | 3/4 | 2,149.19 | 3/4 | 2,507.14 | 3/4 | 2,865.01 | 3/4 | 3,222.85 |
| 4 | 59.37 | 4 | 373.10 | 4 | 727.40 | 4 | 1,083.00 | 4 | 1,440.76 | 4 | 1,798.70 | 4 | 2,156.65 | 4 | 2,514.59 | 4 | 2,872.46 | 4 | 3,230.31 |
| 1/4 | 65.40 | 1/4 | 380.20 | 1/4 | 734.86 | 1/4 | 1,090.42 | 1/4 | 1,448.21 | 1/4 | 1,806.16 | 1/4 | 2,164.10 | 1/4 | 2,522.05 | 1/4 | 2,879.92 | 1/4 | 3,237.76 |
| 1/2 | 71.44 | 1/2 | 387.31 | 1/2 | 742.32 | 1/2 | 1,097.85 | 1/2 | 1,455.67 | 1/2 | 1,813.62 | 1/2 | 2,171.56 | 1/2 | 2,529.51 | 1/2 | 2,887.37 | 1/2 | 3,245.22 |
| 3/4 | 77.47 | 3/4 | 394.42 | 3/4 | 749.77 | 3/4 | 1,105.28 | 3/4 | 1,463.13 | 3/4 | 1,821.07 | 3/4 | 2,179.02 | 3/4 | 2,536.96 | 3/4 | 2,894.83 | 3/4 | 3,252.67 |
| 5 | 83.51 | 5 | 401.52 | 5 | 757.23 | 5 | 1,112.70 | 5 | 1,470.58 | 5 | 1,828.53 | 5 | 2,186.48 | 5 | 2,544.42 | 5 | 2,902.28 | 5 | 3,260.13 |
| 1/4 | 89.64 | 1/4 | 408.72 | 1/4 | 764.66 | 1/4 | 1,120.14 | 1/4 | 1,478.04 | 1/4 | 1,835.99 | 1/4 | 2,193.93 | 1/4 | 2,551.88 | 1/4 | 2,909.74 | 1/4 | 3,267.58 |
| 1/2 | 95.78 | 1/2 | 415.91 | 1/2 | 772.10 | 1/2 | 1,127.58 | 1/2 | 1,485.50 | 1/2 | 1,843.44 | 1/2 | 2,201.39 | 1/2 | 2,559.34 | 1/2 | 2,917.19 | 1/2 | 3,275.04 |
| 3/4 | 101.92 | 3/4 | 423.11 | 3/4 | 779.53 | 3/4 | 1,135.03 | 3/4 | 1,492.96 | 3/4 | 1,850.90 | 3/4 | 2,208.85 | 3/4 | 2,566.79 | 3/4 | 2,924.65 | 3/4 | 3,282.49 |
| 6 | 108.06 | 6 | 430.30 | 6 | 786.96 | 6 | 1,142.47 | 6 | 1,500.41 | 6 | 1,858.36 | 6 | 2,216.30 | 6 | 2,574.25 | 6 | 2,932.10 | 6 | 3,289.95 |
| 1/4 | 114.29 | 1/4 | 437.58 | 1/4 | 794.36 | 1/4 | 1,149.92 | 1/4 | 1,507.87 | 1/4 | 1,865.82 | 1/4 | 2,223.76 | 1/4 | 2,581.71 | 1/4 | 2,939.56 | 1/4 | 3,297.40 |
| 1/2 | 120.52 | 1/2 | 444.87 | 1/2 | 801.76 | 1/2 | 1,157.38 | 1/2 | 1,515.33 | 1/2 | 1,873.27 | 1/2 | 2,231.22 | 1/2 | 2,589.16 | 1/2 | 2,947.01 | 1/2 | 3,304.86 |
| 3/4 | 126.76 | 3/4 | 452.15 | 3/4 | 809.17 | 3/4 | 1,164.84 | 3/4 | 1,522.78 | 3/4 | 1,880.73 | 3/4 | 2,238.68 | 3/4 | 2,596.62 | 3/4 | 2,954.47 | 3/4 | 3,312.31 |
| 7 | 132.99 | 7 | 459.43 | 7 | 816.57 | 7 | 1,172.30 | 7 | 1,530.24 | 7 | 1,888.19 | 7 | 2,246.13 | 7 | 2,604.08 | 7 | 2,961.92 | 7 | 3,319.77 |
| 1/4 | 139.31 | 1/4 | 466.80 | 1/4 | 823.97 | 1/4 | 1,179.75 | 1/4 | 1,537.70 | 1/4 | 1,895.64 | 1/4 | 2,253.59 | 1/4 | 2,611.53 | 1/4 | 2,969.38 | 1/4 | 3,327.22 |
| 1/2 | 145.63 | 1/2 | 474.17 | 1/2 | 831.37 | 1/2 | 1,187.21 | 1/2 | 1,545.16 | 1/2 | 1,903.10 | 1/2 | 2,261.05 | 1/2 | 2,618.99 | 1/2 | 2,976.83 | 1/2 | 3,334.68 |
| 3/4 | 151.95 | 3/4 | 481.54 | 3/4 | 838.76 | 3/4 | 1,194.67 | 3/4 | 1,552.61 | 3/4 | 1,910.56 | 3/4 | 2,268.50 | 3/4 | 2,626.44 | 3/4 | 2,984.29 | 3/4 | 3,342.13 |
| 8 | 158.27 | 8 | 488.91 | 8 | 846.16 | 8 | 1,202.13 | 8 | 1,560.07 | 8 | 1,918.02 | 8 | 2,275.96 | 8 | 2,633.90 | 8 | 2,991.74 | 8 | 3,349.59 |
| 1/4 | 164.67 | 1/4 | 496.34 | 1/4 | 853.56 | 1/4 | 1,209.58 | 1/4 | 1,567.53 | 1/4 | 1,925.47 | 1/4 | 2,283.42 | 1/4 | 2,641.35 | 1/4 | 2,999.20 | 1/4 | 3,357.04 |
| 1/2 | 171.08 | 1/2 | 503.78 | 1/2 | 860.96 | 1/2 | 1,217.04 | 1/2 | 1,574.99 | 1/2 | 1,932.93 | 1/2 | 2,290.88 | 1/2 | 2,648.81 | 1/2 | 3,006.65 | 1/2 | 3,364.50 |
| 3/4 | 177.49 | 3/4 | 511.21 | 3/4 | 868.36 | 3/4 | 1,224.50 | 3/4 | 1,582.44 | 3/4 | 1,940.39 | 3/4 | 2,298.33 | 3/4 | 2,656.26 | 3/4 | 3,014.11 | 3/4 | 3,371.95 |
| 9 | 183.89 | 9 | 518.65 | 9 | 875.76 | 9 | 1,231.95 | 9 | 1,589.90 | 9 | 1,947.85 | 9 | 2,305.79 | 9 | 2,663.72 | 9 | 3,021.56 | 9 | 3,379.41 |
| 1/4 | 190.39 | 1/4 | 526.10 | 1/4 | 883.15 | 1/4 | 1,239.41 | 1/4 | 1,597.36 | 1/4 | 1,955.30 | 1/4 | 2,313.25 | 1/4 | 2,671.18 | 1/4 | 3,029.02 | 1/4 | 3,386.86 |
| 1/2 | 196.88 | 1/2 | 533.56 | 1/2 | 890.55 | 1/2 | 1,246.87 | 1/2 | 1,604.81 | 1/2 | 1,962.76 | 1/2 | 2,320.71 | 1/2 | 2,678.63 | 1/2 | 3,036.47 | 1/2 | 3,394.32 |
| 3/4 | 203.38 | 3/4 | 541.01 | 3/4 | 897.95 | 3/4 | 1,254.33 | 3/4 | 1,612.27 | 3/4 | 1,970.22 | 3/4 | 2,328.16 | 3/4 | 2,686.09 | 3/4 | 3,043.93 | 3/4 | 3,401.77 |
| 10 | 209.87 | 10 | 548.47 | 10 | 905.35 | 10 | 1,261.78 | 10 | 1,619.73 | 10 | 1,977.67 | 10 | 2,335.62 | 10 | 2,693.54 | 10 | 3,051.39 | 10 | 3,409.23 |
| 1/4 | 216.46 | 1/4 | 555.92 | 1/4 | 912.75 | 1/4 | 1,269.24 | 1/4 | 1,627.19 | 1/4 | 1,985.13 | 1/4 | 2,343.08 | 1/4 | 2,701.00 | 1/4 | 3,058.84 | 1/4 | 3,416.69 |
| 1/2 | 223.04 | 1/2 | 563.37 | 1/2 | 920.15 | 1/2 | 1,276.70 | 1/2 | 1,634.64 | 1/2 | 1,992.59 | 1/2 | 2,350.53 | 1/2 | 2,708.45 | 1/2 | 3,066.30 | 1/2 | 3,424.14 |
| 3/4 | 229.62 | 3/4 | 570.82 | 3/4 | 927.54 | 3/4 | 1,284.15 | 3/4 | 1,642.10 | 3/4 | 2,000.05 | 3/4 | 2,357.99 | 3/4 | 2,715.91 | 3/4 | 3,073.75 | 3/4 | 3,431.60 |
| 11 | 236.20 | 11 | 578.27 | 11 | 934.94 | 11 | 1,291.61 | 11 | 1,649.56 | 11 | 2,007.50 | 11 | 2,365.45 | 11 | 2,723.36 | 11 | 3,081.21 | 11 | 3,439.05 |
| 1/4 | 242.87 | 1/4 | 585.73 | 1/4 | 942.34 | 1/4 | 1,299.07 | 1/4 | 1,657.01 | 1/4 | 2,014.96 | 1/4 | 2,372.91 | 1/4 | 2,730.82 | 1/4 | 3,088.66 | 1/4 | 3,446.51 |
| 1/2 | 249.54 | 1/2 | 593.18 | 1/2 | 949.74 | 1/2 | 1,306.53 | 1/2 | 1,664.47 | 1/2 | 2,022.42 | 1/2 | 2,380.36 | 1/2 | 2,738.27 | 1/2 | 3,096.12 | 1/2 | 3,453.96 |
| 3/4 | 256.21 | 3/4 | 600.64 | 3/4 | 957.14 | 3/4 | 1,313.98 | 3/4 | 1,671.93 | 3/4 | 2,029.87 | 3/4 | 2,387.82 | 3/4 | 2,745.73 | 3/4 | 3,103.57 | 3/4 | 3,461.42 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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





BARGE "CTC 29142"

1 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,468.87 | 0 | 3,826.72 | 0 | 4,184.00 | 0 | 4,540.81 | 0 | 4,896.29 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,476.33 | 1/4 | 3,834.17 | 1/4 | 4,191.44 | 1/4 | 4,548.24 | 1/4 | 4,903.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,483.78 | 1/2 | 3,841.63 | 1/2 | 4,198.87 | 1/2 | 4,555.67 | 1/2 | 4,910.99 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,491.24 | 3/4 | 3,849.08 | 3/4 | 4,206.30 | 3/4 | 4,563.11 | 3/4 | 4,918.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,498.69 | 1 | 3,856.54 | 1 | 4,213.74 | 1 | 4,570.54 | 1 | 4,925.70 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,506.15 | 1/4 | 3,863.99 | 1/4 | 4,221.17 | 1/4 | 4,577.97 | 1/4 | 4,933.02 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,513.60 | 1/2 | 3,871.45 | 1/2 | 4,228.60 | 1/2 | 4,585.41 | 1/2 | 4,940.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,521.06 | 3/4 | 3,878.90 | 3/4 | 4,236.04 | 3/4 | 4,592.84 | 3/4 | 4,947.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,528.51 | 2 | 3,886.36 | 2 | 4,243.47 | 2 | 4,600.27 | 2 | 4,954.97 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,535.97 | 1/4 | 3,893.81 | 1/4 | 4,250.90 | 1/4 | 4,607.71 | 1/4 | 4,961.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,543.42 | 1/2 | 3,901.27 | 1/2 | 4,258.34 | 1/2 | 4,615.14 | 1/2 | 4,968.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,550.88 | 3/4 | 3,908.72 | 3/4 | 4,265.77 | 3/4 | 4,622.57 | 3/4 | 4,975.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,558.33 | 3 | 3,916.18 | 3 | 4,273.20 | 3 | 4,630.01 | 3 | 4,982.42 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,565.79 | 1/4 | 3,923.63 | 1/4 | 4,280.64 | 1/4 | 4,637.44 | 1/4 | 4,988.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,573.24 | 1/2 | 3,931.09 | 1/2 | 4,288.07 | 1/2 | 4,644.87 | 1/2 | 4,994.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,580.70 | 3/4 | 3,938.54 | 3/4 | 4,295.50 | 3/4 | 4,652.31 | 3/4 | 4,999.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,588.15 | 4 | 3,946.00 | 4 | 4,302.94 | 4 | 4,659.74 | 4 | 5,005.65 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,595.61 | 1/4 | 3,953.45 | 1/4 | 4,310.37 | 1/4 | 4,667.17 | 1/4 | 5,010.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,603.06 | 1/2 | 3,960.91 | 1/2 | 4,317.80 | 1/2 | 4,674.61 | 1/2 | 5,014.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,610.52 | 3/4 | 3,968.36 | 3/4 | 4,325.24 | 3/4 | 4,682.04 | 3/4 | 5,019.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,617.97 | 5 | 3,975.82 | 5 | 4,332.67 | 5 | 4,689.47 | 5 | 5,023.91 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,625.43 | 1/4 | 3,983.26 | 1/4 | 4,340.10 | 1/4 | 4,696.91 | 1/4 | 5,027.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,632.88 | 1/2 | 3,990.71 | 1/2 | 4,347.54 | 1/2 | 4,704.34 | 1/2 | 5,030.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,640.34 | 3/4 | 3,998.15 | 3/4 | 4,354.97 | 3/4 | 4,711.77 | 3/4 | 5,033.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,647.79 | 6 | 4,005.60 | 6 | 4,362.40 | 6 | 4,719.21 | 6 | 5,037.20 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,655.25 | 1/4 | 4,013.03 | 1/4 | 4,369.84 | 1/4 | 4,726.64 | 1/4 | 5,039.28 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,662.70 | 1/2 | 4,020.47 | 1/2 | 4,377.27 | 1/2 | 4,734.07 | 1/2 | 5,041.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,670.16 | 3/4 | 4,027.90 | 3/4 | 4,384.70 | 3/4 | 4,741.51 | 3/4 | 5,043.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,677.61 | 7 | 4,035.33 | 7 | 4,392.14 | 7 | 4,748.94 | 7 | 5,045.52 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,685.07 | 1/4 | 4,042.77 | 1/4 | 4,399.57 | 1/4 | 4,756.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,692.52 | 1/2 | 4,050.20 | 1/2 | 4,407.00 | 1/2 | 4,763.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,699.98 | 3/4 | 4,057.63 | 3/4 | 4,414.44 | 3/4 | 4,771.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,707.43 | 8 | 4,065.07 | 8 | 4,421.87 | 8 | 4,778.53 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,714.89 | 1/4 | 4,072.50 | 1/4 | 4,429.30 | 1/4 | 4,785.89 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,722.34 | 1/2 | 4,079.93 | 1/2 | 4,436.74 | 1/2 | 4,793.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,729.80 | 3/4 | 4,087.37 | 3/4 | 4,444.17 | 3/4 | 4,800.61 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,737.25 | 9 | 4,094.80 | 9 | 4,451.60 | 9 | 4,807.97 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,744.71 | 1/4 | 4,102.23 | 1/4 | 4,459.04 | 1/4 | 4,815.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,752.16 | 1/2 | 4,109.67 | 1/2 | 4,466.47 | 1/2 | 4,822.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,759.62 | 3/4 | 4,117.10 | 3/4 | 4,473.90 | 3/4 | 4,830.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,767.07 | 10 | 4,124.53 | 10 | 4,481.34 | 10 | 4,837.40 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,774.53 | 1/4 | 4,131.97 | 1/4 | 4,488.77 | 1/4 | 4,844.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,781.98 | 1/2 | 4,139.40 | 1/2 | 4,496.20 | 1/2 | 4,852.13 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,789.44 | 3/4 | 4,146.83 | 3/4 | 4,503.64 | 3/4 | 4,859.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,796.90 | 11 | 4,154.27 | 11 | 4,511.07 | 11 | 4,866.85 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,804.35 | 1/4 | 4,161.70 | 1/4 | 4,518.50 | 1/4 | 4,874.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,811.81 | 1/2 | 4,169.14 | 1/2 | 4,525.94 | 1/2 | 4,881.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,819.26 | 3/4 | 4,176.57 | 3/4 | 4,533.37 | 3/4 | 4,888.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

1 STBD INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.23 | 0 | 262.73 | 0 | 607.81 | 0 | 965.27 | 0 | 1,322.85 | 0 | 1,680.63 | 0 | 2,038.40 | 0 | 2,396.17 | 0 | 2,753.88 | 0 | 3,111.56 |
| 1/4 | 4.09 | 1/4 | 269.48 | 1/4 | 615.26 | 1/4 | 972.71 | 1/4 | 1,330.31 | 1/4 | 1,688.08 | 1/4 | 2,045.85 | 1/4 | 2,403.63 | 1/4 | 2,761.34 | 1/4 | 3,119.01 |
| 1/2 | 5.96 | 1/2 | 276.24 | 1/2 | 622.72 | 1/2 | 980.15 | 1/2 | 1,337.76 | 1/2 | 1,695.53 | 1/2 | 2,053.31 | 1/2 | 2,411.08 | 1/2 | 2,768.79 | 1/2 | 3,126.46 |
| 3/4 | 7.82 | 3/4 | 282.99 | 3/4 | 630.17 | 3/4 | 987.59 | 3/4 | 1,345.21 | 3/4 | 1,702.99 | 3/4 | 2,060.76 | 3/4 | 2,418.53 | 3/4 | 2,776.24 | 3/4 | 3,133.91 |
| 1 | 9.68 | 1 | 289.74 | 1 | 637.63 | 1 | 995.03 | 1 | 1,352.67 | 1 | 1,710.44 | 1 | 2,068.21 | 1 | 2,425.99 | 1 | 2,783.69 | 1 | 3,141.36 |
| 1/4 | 12.60 | 1/4 | 296.58 | 1/4 | 645.08 | 1/4 | 1,002.47 | 1/4 | 1,360.12 | 1/4 | 1,717.89 | 1/4 | 2,075.67 | 1/4 | 2,433.44 | 1/4 | 2,791.14 | 1/4 | 3,148.81 |
| 1/2 | 15.52 | 1/2 | 303.43 | 1/2 | 652.53 | 1/2 | 1,009.91 | 1/2 | 1,367.58 | 1/2 | 1,725.35 | 1/2 | 2,083.12 | 1/2 | 2,440.89 | 1/2 | 2,798.59 | 1/2 | 3,156.26 |
| 3/4 | 18.43 | 3/4 | 310.27 | 3/4 | 659.99 | 3/4 | 1,017.35 | 3/4 | 1,375.03 | 3/4 | 1,732.80 | 3/4 | 2,090.57 | 3/4 | 2,448.35 | 3/4 | 2,806.04 | 3/4 | 3,163.72 |
| 2 | 21.35 | 2 | 317.11 | 2 | 667.44 | 2 | 1,024.79 | 2 | 1,382.48 | 2 | 1,740.26 | 2 | 2,098.03 | 2 | 2,455.80 | 2 | 2,813.50 | 2 | 3,171.17 |
| 1/4 | 25.37 | 1/4 | 324.04 | 1/4 | 674.89 | 1/4 | 1,032.23 | 1/4 | 1,389.94 | 1/4 | 1,747.71 | 1/4 | 2,105.48 | 1/4 | 2,463.25 | 1/4 | 2,820.95 | 1/4 | 3,178.62 |
| 1/2 | 29.38 | 1/2 | 330.96 | 1/2 | 682.35 | 1/2 | 1,039.67 | 1/2 | 1,397.39 | 1/2 | 1,755.16 | 1/2 | 2,112.94 | 1/2 | 2,470.71 | 1/2 | 2,828.40 | 1/2 | 3,186.07 |
| 3/4 | 33.39 | 3/4 | 337.89 | 3/4 | 689.80 | 3/4 | 1,047.12 | 3/4 | 1,404.84 | 3/4 | 1,762.62 | 3/4 | 2,120.39 | 3/4 | 2,478.16 | 3/4 | 2,835.85 | 3/4 | 3,193.52 |
| 3 | 37.41 | 3 | 344.82 | 3 | 697.25 | 3 | 1,054.56 | 3 | 1,412.30 | 3 | 1,770.07 | 3 | 2,127.84 | 3 | 2,485.62 | 3 | 2,843.30 | 3 | 3,200.97 |
| 1/4 | 42.89 | 1/4 | 351.84 | 1/4 | 704.71 | 1/4 | 1,062.01 | 1/4 | 1,419.75 | 1/4 | 1,777.52 | 1/4 | 2,135.30 | 1/4 | 2,493.07 | 1/4 | 2,850.75 | 1/4 | 3,208.43 |
| 1/2 | 48.37 | 1/2 | 358.85 | 1/2 | 712.16 | 1/2 | 1,069.45 | 1/2 | 1,427.20 | 1/2 | 1,784.98 | 1/2 | 2,142.75 | 1/2 | 2,500.52 | 1/2 | 2,858.20 | 1/2 | 3,215.88 |
| 3/4 | 53.85 | 3/4 | 365.87 | 3/4 | 719.61 | 3/4 | 1,076.90 | 3/4 | 1,434.66 | 3/4 | 1,792.43 | 3/4 | 2,150.20 | 3/4 | 2,507.98 | 3/4 | 2,865.66 | 3/4 | 3,223.33 |
| 4 | 59.34 | 4 | 372.89 | 4 | 727.07 | 4 | 1,084.35 | 4 | 1,442.11 | 4 | 1,799.88 | 4 | 2,157.66 | 4 | 2,515.43 | 4 | 2,873.11 | 4 | 3,230.78 |
| 1/4 | 65.37 | 1/4 | 379.99 | 1/4 | 734.52 | 1/4 | 1,091.80 | 1/4 | 1,449.57 | 1/4 | 1,807.34 | 1/4 | 2,165.11 | 1/4 | 2,522.88 | 1/4 | 2,880.56 | 1/4 | 3,238.23 |
| 1/2 | 71.40 | 1/2 | 387.09 | 1/2 | 741.97 | 1/2 | 1,099.25 | 1/2 | 1,457.02 | 1/2 | 1,814.79 | 1/2 | 2,172.56 | 1/2 | 2,530.34 | 1/2 | 2,888.01 | 1/2 | 3,245.68 |
| 3/4 | 77.43 | 3/4 | 394.20 | 3/4 | 749.43 | 3/4 | 1,106.70 | 3/4 | 1,464.47 | 3/4 | 1,822.25 | 3/4 | 2,180.02 | 3/4 | 2,537.79 | 3/4 | 2,895.46 | 3/4 | 3,253.13 |
| 5 | 83.46 | 5 | 401.30 | 5 | 756.88 | 5 | 1,114.15 | 5 | 1,471.93 | 5 | 1,829.70 | 5 | 2,187.47 | 5 | 2,545.24 | 5 | 2,902.91 | 5 | 3,260.59 |
| 1/4 | 89.59 | 1/4 | 408.49 | 1/4 | 764.33 | 1/4 | 1,121.61 | 1/4 | 1,479.38 | 1/4 | 1,837.15 | 1/4 | 2,194.93 | 1/4 | 2,552.70 | 1/4 | 2,910.37 | 1/4 | 3,268.04 |
| 1/2 | 95.73 | 1/2 | 415.68 | 1/2 | 771.79 | 1/2 | 1,129.06 | 1/2 | 1,486.83 | 1/2 | 1,844.61 | 1/2 | 2,202.38 | 1/2 | 2,560.15 | 1/2 | 2,917.82 | 1/2 | 3,275.49 |
| 3/4 | 101.86 | 3/4 | 422.87 | 3/4 | 779.24 | 3/4 | 1,136.51 | 3/4 | 1,494.29 | 3/4 | 1,852.06 | 3/4 | 2,209.83 | 3/4 | 2,567.60 | 3/4 | 2,925.27 | 3/4 | 3,282.94 |
| 6 | 108.00 | 6 | 430.06 | 6 | 786.70 | 6 | 1,143.97 | 6 | 1,501.74 | 6 | 1,859.51 | 6 | 2,217.29 | 6 | 2,575.06 | 6 | 2,932.72 | 6 | 3,290.39 |
| 1/4 | 114.22 | 1/4 | 437.34 | 1/4 | 794.14 | 1/4 | 1,151.42 | 1/4 | 1,509.19 | 1/4 | 1,866.97 | 1/4 | 2,224.74 | 1/4 | 2,582.51 | 1/4 | 2,940.17 | 1/4 | 3,297.84 |
| 1/2 | 120.45 | 1/2 | 444.62 | 1/2 | 801.59 | 1/2 | 1,158.87 | 1/2 | 1,516.65 | 1/2 | 1,874.42 | 1/2 | 2,232.19 | 1/2 | 2,589.96 | 1/2 | 2,947.62 | 1/2 | 3,305.29 |
| 3/4 | 126.68 | 3/4 | 451.90 | 3/4 | 809.04 | 3/4 | 1,166.33 | 3/4 | 1,524.10 | 3/4 | 1,881.87 | 3/4 | 2,239.65 | 3/4 | 2,597.40 | 3/4 | 2,955.07 | 3/4 | 3,312.75 |
| 7 | 132.91 | 7 | 459.18 | 7 | 816.48 | 7 | 1,173.78 | 7 | 1,531.55 | 7 | 1,889.33 | 7 | 2,247.10 | 7 | 2,604.85 | 7 | 2,962.53 | 7 | 3,320.20 |
| 1/4 | 139.22 | 1/4 | 466.54 | 1/4 | 823.92 | 1/4 | 1,181.24 | 1/4 | 1,539.01 | 1/4 | 1,896.78 | 1/4 | 2,254.55 | 1/4 | 2,612.31 | 1/4 | 2,969.98 | 1/4 | 3,327.65 |
| 1/2 | 145.54 | 1/2 | 473.91 | 1/2 | 831.36 | 1/2 | 1,188.69 | 1/2 | 1,546.46 | 1/2 | 1,904.23 | 1/2 | 2,262.01 | 1/2 | 2,619.76 | 1/2 | 2,977.43 | 1/2 | 3,335.10 |
| 3/4 | 151.86 | 3/4 | 481.28 | 3/4 | 838.80 | 3/4 | 1,196.14 | 3/4 | 1,553.92 | 3/4 | 1,911.69 | 3/4 | 2,269.46 | 3/4 | 2,627.21 | 3/4 | 2,984.88 | 3/4 | 3,342.55 |
| 8 | 158.17 | 8 | 488.64 | 8 | 846.24 | 8 | 1,203.60 | 8 | 1,561.37 | 8 | 1,919.14 | 8 | 2,276.91 | 8 | 2,634.66 | 8 | 2,992.33 | 8 | 3,350.00 |
| 1/4 | 164.58 | 1/4 | 496.07 | 1/4 | 853.68 | 1/4 | 1,211.05 | 1/4 | 1,568.82 | 1/4 | 1,926.60 | 1/4 | 2,284.37 | 1/4 | 2,642.11 | 1/4 | 2,999.78 | 1/4 | 3,357.46 |
| 1/2 | 170.98 | 1/2 | 503.51 | 1/2 | 861.12 | 1/2 | 1,218.50 | 1/2 | 1,576.28 | 1/2 | 1,934.05 | 1/2 | 2,291.82 | 1/2 | 2,649.56 | 1/2 | 3,007.23 | 1/2 | 3,364.91 |
| 3/4 | 177.38 | 3/4 | 510.94 | 3/4 | 868.56 | 3/4 | 1,225.96 | 3/4 | 1,583.73 | 3/4 | 1,941.50 | 3/4 | 2,299.28 | 3/4 | 2,657.01 | 3/4 | 3,014.69 | 3/4 | 3,372.36 |
| 9 | 183.79 | 9 | 518.37 | 9 | 876.00 | 9 | 1,233.41 | 9 | 1,591.18 | 9 | 1,948.96 | 9 | 2,306.73 | 9 | 2,664.47 | 9 | 3,022.14 | 9 | 3,379.81 |
| 1/4 | 190.28 | 1/4 | 525.82 | 1/4 | 883.44 | 1/4 | 1,240.86 | 1/4 | 1,598.64 | 1/4 | 1,956.41 | 1/4 | 2,314.18 | 1/4 | 2,671.92 | 1/4 | 3,029.59 | 1/4 | 3,387.26 |
| 1/2 | 196.77 | 1/2 | 533.28 | 1/2 | 890.88 | 1/2 | 1,248.32 | 1/2 | 1,606.09 | 1/2 | 1,963.86 | 1/2 | 2,321.64 | 1/2 | 2,679.37 | 1/2 | 3,037.04 | 1/2 | 3,394.71 |
| 3/4 | 203.26 | 3/4 | 540.73 | 3/4 | 898.32 | 3/4 | 1,255.77 | 3/4 | 1,613.54 | 3/4 | 1,971.32 | 3/4 | 2,329.09 | 3/4 | 2,686.82 | 3/4 | 3,044.49 | 3/4 | 3,402.16 |
| 10 | 209.75 | 10 | 548.18 | 10 | 905.75 | 10 | 1,263.23 | 10 | 1,621.00 | 10 | 1,978.77 | 10 | 2,336.54 | 10 | 2,694.27 | 10 | 3,051.94 | 10 | 3,409.62 |
| 1/4 | 216.33 | 1/4 | 555.64 | 1/4 | 913.19 | 1/4 | 1,270.68 | 1/4 | 1,628.45 | 1/4 | 1,986.22 | 1/4 | 2,344.00 | 1/4 | 2,701.72 | 1/4 | 3,059.40 | 1/4 | 3,417.07 |
| 1/2 | 222.91 | 1/2 | 563.09 | 1/2 | 920.63 | 1/2 | 1,278.13 | 1/2 | 1,635.91 | 1/2 | 1,993.68 | 1/2 | 2,351.45 | 1/2 | 2,709.17 | 1/2 | 3,066.85 | 1/2 | 3,424.52 |
| 3/4 | 229.49 | 3/4 | 570.54 | 3/4 | 928.07 | 3/4 | 1,285.59 | 3/4 | 1,643.36 | 3/4 | 2,001.13 | 3/4 | 2,358.90 | 3/4 | 2,716.63 | 3/4 | 3,074.30 | 3/4 | 3,431.97 |
| 11 | 236.07 | 11 | 578.00 | 11 | 935.51 | 11 | 1,293.04 | 11 | 1,650.81 | 11 | 2,008.59 | 11 | 2,366.36 | 11 | 2,724.08 | 11 | 3,081.75 | 11 | 3,439.42 |
| 1/4 | 242.73 | 1/4 | 585.45 | 1/4 | 942.95 | 1/4 | 1,300.49 | 1/4 | 1,658.27 | 1/4 | 2,016.04 | 1/4 | 2,373.81 | 1/4 | 2,731.53 | 1/4 | 3,089.20 | 1/4 | 3,446.87 |
| 1/2 | 249.40 | 1/2 | 592.90 | 1/2 | 950.39 | 1/2 | 1,307.95 | 1/2 | 1,665.72 | 1/2 | 2,023.49 | 1/2 | 2,381.27 | 1/2 | 2,738.98 | 1/2 | 3,096.65 | 1/2 | 3,454.32 |
| 3/4 | 256.06 | 3/4 | 600.36 | 3/4 | 957.83 | 3/4 | 1,315.40 | 3/4 | 1,673.17 | 3/4 | 2,030.95 | 3/4 | 2,388.72 | 3/4 | 2,746.43 | 3/4 | 3,104.10 | 3/4 | 3,461.78 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

1 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,469.23 | 0 | 3,826.90 | 0 | 4,183.99 | 0 | 4,540.62 | 0 | 4,895.92 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,476.68 | 1/4 | 3,834.35 | 1/4 | 4,191.42 | 1/4 | 4,548.05 | 1/4 | 4,903.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,484.13 | 1/2 | 3,841.80 | 1/2 | 4,198.85 | 1/2 | 4,555.48 | 1/2 | 4,910.62 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,491.58 | 3/4 | 3,849.25 | 3/4 | 4,206.28 | 3/4 | 4,562.91 | 3/4 | 4,917.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,499.03 | 1 | 3,856.71 | 1 | 4,213.71 | 1 | 4,570.34 | 1 | 4,925.32 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,506.49 | 1/4 | 3,864.16 | 1/4 | 4,221.14 | 1/4 | 4,577.77 | 1/4 | 4,932.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,513.94 | 1/2 | 3,871.61 | 1/2 | 4,228.57 | 1/2 | 4,585.20 | 1/2 | 4,939.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,521.39 | 3/4 | 3,879.06 | 3/4 | 4,236.00 | 3/4 | 4,592.63 | 3/4 | 4,947.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,528.84 | 2 | 3,886.51 | 2 | 4,243.43 | 2 | 4,600.06 | 2 | 4,954.58 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,536.29 | 1/4 | 3,893.96 | 1/4 | 4,250.86 | 1/4 | 4,607.48 | 1/4 | 4,961.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,543.74 | 1/2 | 3,901.41 | 1/2 | 4,258.29 | 1/2 | 4,614.91 | 1/2 | 4,968.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,551.19 | 3/4 | 3,908.87 | 3/4 | 4,265.72 | 3/4 | 4,622.34 | 3/4 | 4,975.15 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,558.65 | 3 | 3,916.32 | 3 | 4,273.15 | 3 | 4,629.77 | 3 | 4,982.01 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,566.10 | 1/4 | 3,923.77 | 1/4 | 4,280.58 | 1/4 | 4,637.20 | 1/4 | 4,987.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,573.55 | 1/2 | 3,931.22 | 1/2 | 4,288.01 | 1/2 | 4,644.63 | 1/2 | 4,993.62 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,581.00 | 3/4 | 3,938.67 | 3/4 | 4,295.44 | 3/4 | 4,652.06 | 3/4 | 4,999.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,588.45 | 4 | 3,946.12 | 4 | 4,302.87 | 4 | 4,659.49 | 4 | 5,005.23 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,595.90 | 1/4 | 3,953.58 | 1/4 | 4,310.30 | 1/4 | 4,666.92 | 1/4 | 5,009.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,603.35 | 1/2 | 3,961.03 | 1/2 | 4,317.73 | 1/2 | 4,674.35 | 1/2 | 5,014.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,610.81 | 3/4 | 3,968.48 | 3/4 | 4,325.16 | 3/4 | 4,681.78 | 3/4 | 5,018.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,618.26 | 5 | 3,975.93 | 5 | 4,332.59 | 5 | 4,689.21 | 5 | 5,023.48 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,625.71 | 1/4 | 3,983.37 | 1/4 | 4,340.02 | 1/4 | 4,696.64 | 1/4 | 5,026.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,633.16 | 1/2 | 3,990.80 | 1/2 | 4,347.45 | 1/2 | 4,704.07 | 1/2 | 5,030.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,640.61 | 3/4 | 3,998.24 | 3/4 | 4,354.87 | 3/4 | 4,711.50 | 3/4 | 5,033.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,648.06 | 6 | 4,005.68 | 6 | 4,362.30 | 6 | 4,718.93 | 6 | 5,036.76 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,655.52 | 1/4 | 4,013.11 | 1/4 | 4,369.73 | 1/4 | 4,726.36 | 1/4 | 5,038.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,662.97 | 1/2 | 4,020.54 | 1/2 | 4,377.16 | 1/2 | 4,733.79 | 1/2 | 5,040.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,670.42 | 3/4 | 4,027.97 | 3/4 | 4,384.59 | 3/4 | 4,741.22 | 3/4 | 5,043.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,677.87 | 7 | 4,035.40 | 7 | 4,392.02 | 7 | 4,748.65 | 7 | 5,045.07 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,685.32 | 1/4 | 4,042.83 | 1/4 | 4,399.45 | 1/4 | 4,756.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,692.77 | 1/2 | 4,050.26 | 1/2 | 4,406.88 | 1/2 | 4,763.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,700.22 | 3/4 | 4,057.69 | 3/4 | 4,414.31 | 3/4 | 4,770.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,707.68 | 8 | 4,065.12 | 8 | 4,421.74 | 8 | 4,778.22 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,715.13 | 1/4 | 4,072.55 | 1/4 | 4,429.17 | 1/4 | 4,785.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,722.58 | 1/2 | 4,079.98 | 1/2 | 4,436.60 | 1/2 | 4,792.93 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,730.03 | 3/4 | 4,087.41 | 3/4 | 4,444.03 | 3/4 | 4,800.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,737.48 | 9 | 4,094.84 | 9 | 4,451.46 | 9 | 4,807.64 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,744.93 | 1/4 | 4,102.27 | 1/4 | 4,458.89 | 1/4 | 4,815.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,752.38 | 1/2 | 4,109.69 | 1/2 | 4,466.32 | 1/2 | 4,822.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,759.84 | 3/4 | 4,117.12 | 3/4 | 4,473.75 | 3/4 | 4,829.71 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,767.29 | 10 | 4,124.55 | 10 | 4,481.18 | 10 | 4,837.07 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,774.74 | 1/4 | 4,131.98 | 1/4 | 4,488.61 | 1/4 | 4,844.43 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,782.19 | 1/2 | 4,139.41 | 1/2 | 4,496.04 | 1/2 | 4,851.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,789.64 | 3/4 | 4,146.84 | 3/4 | 4,503.47 | 3/4 | 4,859.14 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,797.09 | 11 | 4,154.27 | 11 | 4,510.90 | 11 | 4,866.50 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,804.55 | 1/4 | 4,161.70 | 1/4 | 4,518.33 | 1/4 | 4,873.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,812.00 | 1/2 | 4,169.13 | 1/2 | 4,525.76 | 1/2 | 4,881.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,819.45 | 3/4 | 4,176.56 | 3/4 | 4,533.19 | 3/4 | 4,888.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.23 | 0 | 314.13 | 0 | 672.94 | 0 | 1,023.87 | 0 | 1,376.10 | 0 | 1,734.92 | 0 | 2,093.73 | 0 | 2,452.55 | 0 | 2,811.36 | 0 | 3,170.18 |
| 1/4 | 4.10 | 1/4 | 321.60 | 1/4 | 680.42 | 1/4 | 1,031.04 | 1/4 | 1,383.58 | 1/4 | 1,742.39 | 1/4 | 2,101.21 | 1/4 | 2,460.02 | 1/4 | 2,818.84 | 1/4 | 3,177.65 |
| 1/2 | 5.97 | 1/2 | 329.08 | 1/2 | 687.89 | 1/2 | 1,038.21 | 1/2 | 1,391.05 | 1/2 | 1,749.87 | 1/2 | 2,108.68 | 1/2 | 2,467.50 | 1/2 | 2,826.31 | 1/2 | 3,185.13 |
| 3/4 | 7.84 | 3/4 | 336.55 | 3/4 | 695.37 | 3/4 | 1,045.38 | 3/4 | 1,398.53 | 3/4 | 1,757.34 | 3/4 | 2,116.16 | 3/4 | 2,474.97 | 3/4 | 2,833.79 | 3/4 | 3,192.60 |
| 1 | 9.71 | 1 | 344.03 | 1 | 702.84 | 1 | 1,052.55 | 1 | 1,406.00 | 1 | 1,764.82 | 1 | 2,123.63 | 1 | 2,482.45 | 1 | 2,841.26 | 1 | 3,200.08 |
| 1/4 | 13.45 | 1/4 | 351.50 | 1/4 | 710.32 | 1/4 | 1,059.71 | 1/4 | 1,413.48 | 1/4 | 1,772.29 | 1/4 | 2,131.11 | 1/4 | 2,489.92 | 1/4 | 2,848.74 | 1/4 | 3,207.55 |
| 1/2 | 17.18 | 1/2 | 358.98 | 1/2 | 717.79 | 1/2 | 1,066.88 | 1/2 | 1,420.95 | 1/2 | 1,779.77 | 1/2 | 2,138.58 | 1/2 | 2,497.40 | 1/2 | 2,856.21 | 1/2 | 3,215.03 |
| 3/4 | 20.92 | 3/4 | 366.45 | 3/4 | 725.27 | 3/4 | 1,074.05 | 3/4 | 1,428.43 | 3/4 | 1,787.24 | 3/4 | 2,146.06 | 3/4 | 2,504.87 | 3/4 | 2,863.69 | 3/4 | 3,222.50 |
| 2 | 24.66 | 2 | 373.93 | 2 | 732.74 | 2 | 1,081.22 | 2 | 1,435.91 | 2 | 1,794.72 | 2 | 2,153.53 | 2 | 2,512.35 | 2 | 2,871.16 | 2 | 3,229.98 |
| 1/4 | 30.26 | 1/4 | 381.40 | 1/4 | 740.22 | 1/4 | 1,088.39 | 1/4 | 1,443.38 | 1/4 | 1,802.20 | 1/4 | 2,161.01 | 1/4 | 2,519.82 | 1/4 | 2,878.64 | 1/4 | 3,237.45 |
| 1/2 | 35.87 | 1/2 | 388.88 | 1/2 | 747.69 | 1/2 | 1,095.57 | 1/2 | 1,450.86 | 1/2 | 1,809.67 | 1/2 | 2,168.48 | 1/2 | 2,527.30 | 1/2 | 2,886.11 | 1/2 | 3,244.93 |
| 3/4 | 41.48 | 3/4 | 396.36 | 3/4 | 755.17 | 3/4 | 1,102.74 | 3/4 | 1,458.33 | 3/4 | 1,817.15 | 3/4 | 2,175.96 | 3/4 | 2,534.77 | 3/4 | 2,893.59 | 3/4 | 3,252.40 |
| 3 | 47.08 | 3 | 403.83 | 3 | 762.64 | 3 | 1,109.91 | 3 | 1,465.81 | 3 | 1,824.62 | 3 | 2,183.44 | 3 | 2,542.25 | 3 | 2,901.06 | 3 | 3,259.88 |
| 1/4 | 54.07 | 1/4 | 411.31 | 1/4 | 770.12 | 1/4 | 1,117.09 | 1/4 | 1,473.28 | 1/4 | 1,832.10 | 1/4 | 2,190.91 | 1/4 | 2,549.73 | 1/4 | 2,908.54 | 1/4 | 3,267.35 |
| 1/2 | 61.06 | 1/2 | 418.78 | 1/2 | 777.60 | 1/2 | 1,124.27 | 1/2 | 1,480.76 | 1/2 | 1,839.57 | 1/2 | 2,198.39 | 1/2 | 2,557.20 | 1/2 | 2,916.01 | 1/2 | 3,274.83 |
| 3/4 | 68.05 | 3/4 | 426.26 | 3/4 | 785.07 | 3/4 | 1,131.44 | 3/4 | 1,488.23 | 3/4 | 1,847.05 | 3/4 | 2,205.86 | 3/4 | 2,564.68 | 3/4 | 2,923.49 | 3/4 | 3,282.30 |
| 4 | 75.04 | 4 | 433.73 | 4 | 792.55 | 4 | 1,138.62 | 4 | 1,495.71 | 4 | 1,854.52 | 4 | 2,213.34 | 4 | 2,572.15 | 4 | 2,930.97 | 4 | 3,289.78 |
| 1/4 | 82.49 | 1/4 | 441.21 | 1/4 | 800.02 | 1/4 | 1,145.80 | 1/4 | 1,503.18 | 1/4 | 1,862.00 | 1/4 | 2,220.81 | 1/4 | 2,579.63 | 1/4 | 2,938.44 | 1/4 | 3,297.26 |
| 1/2 | 89.94 | 1/2 | 448.68 | 1/2 | 807.50 | 1/2 | 1,152.99 | 1/2 | 1,510.66 | 1/2 | 1,869.47 | 1/2 | 2,228.29 | 1/2 | 2,587.10 | 1/2 | 2,945.92 | 1/2 | 3,304.73 |
| 3/4 | 97.39 | 3/4 | 456.16 | 3/4 | 814.97 | 3/4 | 1,160.17 | 3/4 | 1,518.13 | 3/4 | 1,876.95 | 3/4 | 2,235.76 | 3/4 | 2,594.58 | 3/4 | 2,953.39 | 3/4 | 3,312.21 |
| 5 | 104.85 | 5 | 463.63 | 5 | 822.45 | 5 | 1,167.36 | 5 | 1,525.61 | 5 | 1,884.42 | 5 | 2,243.24 | 5 | 2,602.05 | 5 | 2,960.87 | 5 | 3,319.68 |
| 1/4 | 112.31 | 1/4 | 471.11 | 1/4 | 829.78 | 1/4 | 1,174.69 | 1/4 | 1,533.08 | 1/4 | 1,891.90 | 1/4 | 2,250.71 | 1/4 | 2,609.53 | 1/4 | 2,968.34 | 1/4 | 3,327.16 |
| 1/2 | 119.78 | 1/2 | 478.58 | 1/2 | 837.11 | 1/2 | 1,182.03 | 1/2 | 1,540.56 | 1/2 | 1,899.37 | 1/2 | 2,258.19 | 1/2 | 2,617.00 | 1/2 | 2,975.82 | 1/2 | 3,334.63 |
| 3/4 | 127.25 | 3/4 | 486.06 | 3/4 | 844.45 | 3/4 | 1,189.36 | 3/4 | 1,548.03 | 3/4 | 1,906.85 | 3/4 | 2,265.66 | 3/4 | 2,624.48 | 3/4 | 2,983.29 | 3/4 | 3,342.11 |
| 6 | 134.72 | 6 | 493.53 | 6 | 851.78 | 6 | 1,196.70 | 6 | 1,555.51 | 6 | 1,914.32 | 6 | 2,273.14 | 6 | 2,631.95 | 6 | 2,990.77 | 6 | 3,349.58 |
| 1/4 | 142.20 | 1/4 | 501.01 | 1/4 | 858.96 | 1/4 | 1,204.17 | 1/4 | 1,562.99 | 1/4 | 1,921.80 | 1/4 | 2,280.61 | 1/4 | 2,639.43 | 1/4 | 2,998.24 | 1/4 | 3,357.06 |
| 1/2 | 149.67 | 1/2 | 508.48 | 1/2 | 866.14 | 1/2 | 1,211.65 | 1/2 | 1,570.46 | 1/2 | 1,929.28 | 1/2 | 2,288.09 | 1/2 | 2,646.90 | 1/2 | 3,005.72 | 1/2 | 3,364.53 |
| 3/4 | 157.15 | 3/4 | 515.96 | 3/4 | 873.32 | 3/4 | 1,219.12 | 3/4 | 1,577.94 | 3/4 | 1,936.75 | 3/4 | 2,295.56 | 3/4 | 2,654.38 | 3/4 | 3,013.19 | 3/4 | 3,372.01 |
| 7 | 164.62 | 7 | 523.44 | 7 | 880.50 | 7 | 1,226.60 | 7 | 1,585.41 | 7 | 1,944.23 | 7 | 2,303.04 | 7 | 2,661.85 | 7 | 3,020.67 | 7 | 3,379.48 |
| 1/4 | 172.10 | 1/4 | 530.91 | 1/4 | 887.67 | 1/4 | 1,234.07 | 1/4 | 1,592.89 | 1/4 | 1,951.70 | 1/4 | 2,310.52 | 1/4 | 2,669.33 | 1/4 | 3,028.14 | 1/4 | 3,386.96 |
| 1/2 | 179.57 | 1/2 | 538.39 | 1/2 | 894.84 | 1/2 | 1,241.55 | 1/2 | 1,600.36 | 1/2 | 1,959.18 | 1/2 | 2,317.99 | 1/2 | 2,676.81 | 1/2 | 3,035.62 | 1/2 | 3,394.43 |
| 3/4 | 187.05 | 3/4 | 545.86 | 3/4 | 902.01 | 3/4 | 1,249.02 | 3/4 | 1,607.84 | 3/4 | 1,966.65 | 3/4 | 2,325.47 | 3/4 | 2,684.28 | 3/4 | 3,043.09 | 3/4 | 3,401.91 |
| 8 | 194.52 | 8 | 553.34 | 8 | 909.18 | 8 | 1,256.50 | 8 | 1,615.31 | 8 | 1,974.13 | 8 | 2,332.94 | 8 | 2,691.76 | 8 | 3,050.57 | 8 | 3,409.38 |
| 1/4 | 202.00 | 1/4 | 560.81 | 1/4 | 916.34 | 1/4 | 1,263.97 | 1/4 | 1,622.79 | 1/4 | 1,981.60 | 1/4 | 2,340.42 | 1/4 | 2,699.23 | 1/4 | 3,058.05 | 1/4 | 3,416.86 |
| 1/2 | 209.47 | 1/2 | 568.29 | 1/2 | 923.51 | 1/2 | 1,271.45 | 1/2 | 1,630.26 | 1/2 | 1,989.08 | 1/2 | 2,347.89 | 1/2 | 2,706.71 | 1/2 | 3,065.52 | 1/2 | 3,424.34 |
| 3/4 | 216.95 | 3/4 | 575.76 | 3/4 | 930.68 | 3/4 | 1,278.92 | 3/4 | 1,637.74 | 3/4 | 1,996.55 | 3/4 | 2,355.37 | 3/4 | 2,714.18 | 3/4 | 3,073.00 | 3/4 | 3,431.81 |
| 9 | 224.42 | 9 | 583.24 | 9 | 937.85 | 9 | 1,286.40 | 9 | 1,645.21 | 9 | 2,004.03 | 9 | 2,362.84 | 9 | 2,721.66 | 9 | 3,080.47 | 9 | 3,439.29 |
| 1/4 | 231.90 | 1/4 | 590.71 | 1/4 | 945.02 | 1/4 | 1,293.87 | 1/4 | 1,652.69 | 1/4 | 2,011.50 | 1/4 | 2,370.32 | 1/4 | 2,729.13 | 1/4 | 3,087.95 | 1/4 | 3,446.76 |
| 1/2 | 239.37 | 1/2 | 598.19 | 1/2 | 952.19 | 1/2 | 1,301.35 | 1/2 | 1,660.16 | 1/2 | 2,018.98 | 1/2 | 2,377.79 | 1/2 | 2,736.61 | 1/2 | 3,095.42 | 1/2 | 3,454.24 |
| 3/4 | 246.85 | 3/4 | 605.66 | 3/4 | 959.36 | 3/4 | 1,308.83 | 3/4 | 1,667.64 | 3/4 | 2,026.45 | 3/4 | 2,385.27 | 3/4 | 2,744.08 | 3/4 | 3,102.90 | 3/4 | 3,461.71 |
| 10 | 254.32 | 10 | 613.14 | 10 | 966.52 | 10 | 1,316.30 | 10 | 1,675.12 | 10 | 2,033.93 | 10 | 2,392.74 | 10 | 2,751.56 | 10 | 3,110.37 | 10 | 3,469.19 |
| 1/4 | 261.80 | 1/4 | 620.61 | 1/4 | 973.69 | 1/4 | 1,323.78 | 1/4 | 1,682.59 | 1/4 | 2,041.40 | 1/4 | 2,400.22 | 1/4 | 2,759.03 | 1/4 | 3,117.85 | 1/4 | 3,476.66 |
| 1/2 | 269.28 | 1/2 | 628.09 | 1/2 | 980.86 | 1/2 | 1,331.25 | 1/2 | 1,690.07 | 1/2 | 2,048.88 | 1/2 | 2,407.69 | 1/2 | 2,766.51 | 1/2 | 3,125.32 | 1/2 | 3,484.14 |
| 3/4 | 276.75 | 3/4 | 635.56 | 3/4 | 988.03 | 3/4 | 1,338.73 | 3/4 | 1,697.54 | 3/4 | 2,056.36 | 3/4 | 2,415.17 | 3/4 | 2,773.98 | 3/4 | 3,132.80 | 3/4 | 3,491.61 |
| 11 | 284.23 | 11 | 643.04 | 11 | 995.20 | 11 | 1,346.20 | 11 | 1,705.02 | 11 | 2,063.83 | 11 | 2,422.65 | 11 | 2,781.46 | 11 | 3,140.27 | 11 | 3,499.09 |
| 1/4 | 291.70 | 1/4 | 650.52 | 1/4 | 1,002.37 | 1/4 | 1,353.68 | 1/4 | 1,712.49 | 1/4 | 2,071.31 | 1/4 | 2,430.12 | 1/4 | 2,788.93 | 1/4 | 3,147.75 | 1/4 | 3,506.56 |
| 1/2 | 299.18 | 1/2 | 657.99 | 1/2 | 1,009.54 | 1/2 | 1,361.15 | 1/2 | 1,719.97 | 1/2 | 2,078.78 | 1/2 | 2,437.60 | 1/2 | 2,796.41 | 1/2 | 3,155.22 | 1/2 | 3,514.04 |
| 3/4 | 306.65 | 3/4 | 665.47 | 3/4 | 1,016.70 | 3/4 | 1,368.63 | 3/4 | 1,727.44 | 3/4 | 2,086.26 | 3/4 | 2,445.07 | 3/4 | 2,803.89 | 3/4 | 3,162.70 | 3/4 | 3,521.51 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 PORT

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,528.99 | 0 | 3,887.80 | 0 | 4,246.03 | 0 | 4,603.80 | 0 | 4,960.37 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,536.46 | 1/4 | 3,895.28 | 1/4 | 4,253.49 | 1/4 | 4,611.25 | 1/4 | 4,967.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,543.94 | 1/2 | 3,902.75 | 1/2 | 4,260.94 | 1/2 | 4,618.71 | 1/2 | 4,975.13 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,551.42 | 3/4 | 3,910.23 | 3/4 | 4,268.39 | 3/4 | 4,626.16 | 3/4 | 4,982.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,558.89 | 1 | 3,917.71 | 1 | 4,275.85 | 1 | 4,633.61 | 1 | 4,989.89 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,566.37 | 1/4 | 3,925.18 | 1/4 | 4,283.30 | 1/4 | 4,641.07 | 1/4 | 4,997.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,573.84 | 1/2 | 3,932.66 | 1/2 | 4,290.75 | 1/2 | 4,648.52 | 1/2 | 5,004.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,581.32 | 3/4 | 3,940.13 | 3/4 | 4,298.21 | 3/4 | 4,655.97 | 3/4 | 5,011.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,588.79 | 2 | 3,947.61 | 2 | 4,305.66 | 2 | 4,663.43 | 2 | 5,019.27 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,596.27 | 1/4 | 3,955.08 | 1/4 | 4,313.11 | 1/4 | 4,670.88 | 1/4 | 5,026.15 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,603.74 | 1/2 | 3,962.56 | 1/2 | 4,320.57 | 1/2 | 4,678.34 | 1/2 | 5,033.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,611.22 | 3/4 | 3,970.03 | 3/4 | 4,328.02 | 3/4 | 4,685.79 | 3/4 | 5,039.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,618.69 | 3 | 3,977.51 | 3 | 4,335.47 | 3 | 4,693.24 | 3 | 5,046.80 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,626.17 | 1/4 | 3,984.98 | 1/4 | 4,342.93 | 1/4 | 4,700.70 | 1/4 | 5,052.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,633.64 | 1/2 | 3,992.46 | 1/2 | 4,350.38 | 1/2 | 4,708.15 | 1/2 | 5,058.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,641.12 | 3/4 | 3,999.93 | 3/4 | 4,357.83 | 3/4 | 4,715.60 | 3/4 | 5,064.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,648.59 | 4 | 4,007.41 | 4 | 4,365.29 | 4 | 4,723.06 | 4 | 5,070.12 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,656.07 | 1/4 | 4,014.88 | 1/4 | 4,372.74 | 1/4 | 4,730.51 | 1/4 | 5,074.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,663.54 | 1/2 | 4,022.36 | 1/2 | 4,380.20 | 1/2 | 4,737.96 | 1/2 | 5,079.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,671.02 | 3/4 | 4,029.83 | 3/4 | 4,387.65 | 3/4 | 4,745.42 | 3/4 | 5,083.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,678.50 | 5 | 4,037.31 | 5 | 4,395.10 | 5 | 4,752.87 | 5 | 5,088.46 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,685.97 | 1/4 | 4,044.77 | 1/4 | 4,402.56 | 1/4 | 4,760.32 | 1/4 | 5,091.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,693.45 | 1/2 | 4,052.23 | 1/2 | 4,410.01 | 1/2 | 4,767.78 | 1/2 | 5,095.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,700.92 | 3/4 | 4,059.69 | 3/4 | 4,417.46 | 3/4 | 4,775.23 | 3/4 | 5,098.47 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,708.40 | 6 | 4,067.15 | 6 | 4,424.92 | 6 | 4,782.68 | 6 | 5,101.81 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,715.87 | 1/4 | 4,074.60 | 1/4 | 4,432.37 | 1/4 | 4,790.14 | 1/4 | 5,103.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,723.35 | 1/2 | 4,082.06 | 1/2 | 4,439.82 | 1/2 | 4,797.59 | 1/2 | 5,106.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,730.82 | 3/4 | 4,089.51 | 3/4 | 4,447.28 | 3/4 | 4,805.04 | 3/4 | 5,108.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,738.30 | 7 | 4,096.96 | 7 | 4,454.73 | 7 | 4,812.50 | 7 | 5,110.18 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,745.77 | 1/4 | 4,104.42 | 1/4 | 4,462.18 | 1/4 | 4,819.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,753.25 | 1/2 | 4,111.87 | 1/2 | 4,469.64 | 1/2 | 4,827.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,760.72 | 3/4 | 4,119.32 | 3/4 | 4,477.09 | 3/4 | 4,834.76 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,768.20 | 8 | 4,126.78 | 8 | 4,484.54 | 8 | 4,842.18 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,775.67 | 1/4 | 4,134.23 | 1/4 | 4,492.00 | 1/4 | 4,849.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,783.15 | 1/2 | 4,141.68 | 1/2 | 4,499.45 | 1/2 | 4,856.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,790.62 | 3/4 | 4,149.14 | 3/4 | 4,506.90 | 3/4 | 4,864.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,798.10 | 9 | 4,156.59 | 9 | 4,514.36 | 9 | 4,871.73 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,805.58 | 1/4 | 4,164.04 | 1/4 | 4,521.81 | 1/4 | 4,879.12 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,813.05 | 1/2 | 4,171.50 | 1/2 | 4,529.27 | 1/2 | 4,886.51 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,820.53 | 3/4 | 4,178.95 | 3/4 | 4,536.72 | 3/4 | 4,893.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,828.00 | 10 | 4,186.40 | 10 | 4,544.17 | 10 | 4,901.28 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,835.48 | 1/4 | 4,193.86 | 1/4 | 4,551.63 | 1/4 | 4,908.67 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,842.95 | 1/2 | 4,201.31 | 1/2 | 4,559.08 | 1/2 | 4,916.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,850.43 | 3/4 | 4,208.76 | 3/4 | 4,566.53 | 3/4 | 4,923.45 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,857.90 | 11 | 4,216.22 | 11 | 4,573.99 | 11 | 4,930.83 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,865.38 | 1/4 | 4,223.67 | 1/4 | 4,581.44 | 1/4 | 4,938.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,872.85 | 1/2 | 4,231.13 | 1/2 | 4,588.89 | 1/2 | 4,945.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,880.33 | 3/4 | 4,238.58 | 3/4 | 4,596.35 | 3/4 | 4,952.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 STBD INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.24 | 0 | 314.58 | 0 | 673.92 | 0 | 1,032.94 | 0 | 1,392.09 | 0 | 1,751.42 | 0 | 2,110.75 | 0 | 2,470.08 | 0 | 2,829.38 | 0 | 3,188.62 |
| 1/4 | 4.11 | 1/4 | 322.07 | 1/4 | 681.40 | 1/4 | 1,040.41 | 1/4 | 1,399.57 | 1/4 | 1,758.91 | 1/4 | 2,118.24 | 1/4 | 2,477.57 | 1/4 | 2,836.86 | 1/4 | 3,196.10 |
| 1/2 | 5.98 | 1/2 | 329.56 | 1/2 | 688.89 | 1/2 | 1,047.88 | 1/2 | 1,407.06 | 1/2 | 1,766.39 | 1/2 | 2,125.72 | 1/2 | 2,485.06 | 1/2 | 2,844.35 | 1/2 | 3,203.58 |
| 3/4 | 7.85 | 3/4 | 337.04 | 3/4 | 696.37 | 3/4 | 1,055.36 | 3/4 | 1,414.54 | 3/4 | 1,773.88 | 3/4 | 2,133.21 | 3/4 | 2,492.54 | 3/4 | 2,851.83 | 3/4 | 3,211.07 |
| 1 | 9.72 | 1 | 344.53 | 1 | 703.86 | 1 | 1,062.83 | 1 | 1,422.03 | 1 | 1,781.36 | 1 | 2,140.70 | 1 | 2,500.03 | 1 | 2,859.31 | 1 | 3,218.55 |
| 1/4 | 13.47 | 1/4 | 352.01 | 1/4 | 711.35 | 1/4 | 1,070.30 | 1/4 | 1,429.52 | 1/4 | 1,788.85 | 1/4 | 2,148.18 | 1/4 | 2,507.52 | 1/4 | 2,866.80 | 1/4 | 3,226.04 |
| 1/2 | 17.21 | 1/2 | 359.50 | 1/2 | 718.83 | 1/2 | 1,077.77 | 1/2 | 1,437.00 | 1/2 | 1,796.34 | 1/2 | 2,155.67 | 1/2 | 2,515.00 | 1/2 | 2,874.28 | 1/2 | 3,233.52 |
| 3/4 | 20.95 | 3/4 | 366.99 | 3/4 | 726.32 | 3/4 | 1,085.24 | 3/4 | 1,444.49 | 3/4 | 1,803.82 | 3/4 | 2,163.15 | 3/4 | 2,522.49 | 3/4 | 2,881.77 | 3/4 | 3,241.00 |
| 2 | 24.69 | 2 | 374.47 | 2 | 733.80 | 2 | 1,092.72 | 2 | 1,451.98 | 2 | 1,811.31 | 2 | 2,170.64 | 2 | 2,529.97 | 2 | 2,889.25 | 2 | 3,248.49 |
| 1/4 | 30.31 | 1/4 | 381.96 | 1/4 | 741.29 | 1/4 | 1,100.19 | 1/4 | 1,459.46 | 1/4 | 1,818.79 | 1/4 | 2,178.13 | 1/4 | 2,537.46 | 1/4 | 2,896.74 | 1/4 | 3,255.97 |
| 1/2 | 35.92 | 1/2 | 389.44 | 1/2 | 748.78 | 1/2 | 1,107.67 | 1/2 | 1,466.95 | 1/2 | 1,826.28 | 1/2 | 2,185.61 | 1/2 | 2,544.95 | 1/2 | 2,904.22 | 1/2 | 3,263.46 |
| 3/4 | 41.54 | 3/4 | 396.93 | 3/4 | 756.26 | 3/4 | 1,115.14 | 3/4 | 1,474.43 | 3/4 | 1,833.77 | 3/4 | 2,193.10 | 3/4 | 2,552.43 | 3/4 | 2,911.70 | 3/4 | 3,270.94 |
| 3 | 47.15 | 3 | 404.42 | 3 | 763.75 | 3 | 1,122.62 | 3 | 1,481.92 | 3 | 1,841.25 | 3 | 2,200.59 | 3 | 2,559.92 | 3 | 2,919.19 | 3 | 3,278.42 |
| 1/4 | 54.15 | 1/4 | 411.90 | 1/4 | 771.23 | 1/4 | 1,130.10 | 1/4 | 1,489.41 | 1/4 | 1,848.74 | 1/4 | 2,208.07 | 1/4 | 2,567.40 | 1/4 | 2,926.67 | 1/4 | 3,285.91 |
| 1/2 | 61.15 | 1/2 | 419.39 | 1/2 | 778.72 | 1/2 | 1,137.58 | 1/2 | 1,496.89 | 1/2 | 1,856.22 | 1/2 | 2,215.56 | 1/2 | 2,574.89 | 1/2 | 2,934.16 | 1/2 | 3,293.39 |
| 3/4 | 68.15 | 3/4 | 426.87 | 3/4 | 786.21 | 3/4 | 1,145.06 | 3/4 | 1,504.38 | 3/4 | 1,863.71 | 3/4 | 2,223.04 | 3/4 | 2,582.38 | 3/4 | 2,941.64 | 3/4 | 3,300.88 |
| 4 | 75.15 | 4 | 434.36 | 4 | 793.69 | 4 | 1,152.54 | 4 | 1,511.86 | 4 | 1,871.20 | 4 | 2,230.53 | 4 | 2,589.86 | 4 | 2,949.12 | 4 | 3,308.36 |
| 1/4 | 82.61 | 1/4 | 441.85 | 1/4 | 801.18 | 1/4 | 1,160.03 | 1/4 | 1,519.35 | 1/4 | 1,878.68 | 1/4 | 2,238.02 | 1/4 | 2,597.35 | 1/4 | 2,956.61 | 1/4 | 3,315.85 |
| 1/2 | 90.07 | 1/2 | 449.33 | 1/2 | 808.67 | 1/2 | 1,167.51 | 1/2 | 1,526.84 | 1/2 | 1,886.17 | 1/2 | 2,245.50 | 1/2 | 2,604.83 | 1/2 | 2,964.09 | 1/2 | 3,323.33 |
| 3/4 | 97.54 | 3/4 | 456.82 | 3/4 | 816.15 | 3/4 | 1,174.99 | 3/4 | 1,534.32 | 3/4 | 1,893.66 | 3/4 | 2,252.99 | 3/4 | 2,612.32 | 3/4 | 2,971.58 | 3/4 | 3,330.81 |
| 5 | 105.00 | 5 | 464.30 | 5 | 823.64 | 5 | 1,182.48 | 5 | 1,541.81 | 5 | 1,901.14 | 5 | 2,260.47 | 5 | 2,619.81 | 5 | 2,979.06 | 5 | 3,338.30 |
| 1/4 | 112.48 | 1/4 | 471.79 | 1/4 | 831.12 | 1/4 | 1,189.96 | 1/4 | 1,549.29 | 1/4 | 1,908.63 | 1/4 | 2,267.96 | 1/4 | 2,627.29 | 1/4 | 2,986.54 | 1/4 | 3,345.78 |
| 1/2 | 119.96 | 1/2 | 479.28 | 1/2 | 838.61 | 1/2 | 1,197.45 | 1/2 | 1,556.78 | 1/2 | 1,916.11 | 1/2 | 2,275.45 | 1/2 | 2,634.78 | 1/2 | 2,994.03 | 1/2 | 3,353.27 |
| 3/4 | 127.44 | 3/4 | 486.76 | 3/4 | 846.10 | 3/4 | 1,204.93 | 3/4 | 1,564.27 | 3/4 | 1,923.60 | 3/4 | 2,282.93 | 3/4 | 2,642.27 | 3/4 | 3,001.51 | 3/4 | 3,360.75 |
| 6 | 134.92 | 6 | 494.25 | 6 | 853.58 | 6 | 1,212.42 | 6 | 1,571.75 | 6 | 1,931.09 | 6 | 2,290.42 | 6 | 2,649.75 | 6 | 3,009.00 | 6 | 3,368.23 |
| 1/4 | 142.40 | 1/4 | 501.74 | 1/4 | 861.06 | 1/4 | 1,219.91 | 1/4 | 1,579.24 | 1/4 | 1,938.57 | 1/4 | 2,297.90 | 1/4 | 2,657.24 | 1/4 | 3,016.48 | 1/4 | 3,375.72 |
| 1/2 | 149.89 | 1/2 | 509.22 | 1/2 | 868.54 | 1/2 | 1,227.39 | 1/2 | 1,586.73 | 1/2 | 1,946.06 | 1/2 | 2,305.39 | 1/2 | 2,664.72 | 1/2 | 3,023.97 | 1/2 | 3,383.20 |
| 3/4 | 157.38 | 3/4 | 516.71 | 3/4 | 876.02 | 3/4 | 1,234.88 | 3/4 | 1,594.21 | 3/4 | 1,953.54 | 3/4 | 2,312.88 | 3/4 | 2,672.21 | 3/4 | 3,031.45 | 3/4 | 3,390.69 |
| 7 | 164.86 | 7 | 524.19 | 7 | 883.50 | 7 | 1,242.36 | 7 | 1,601.70 | 7 | 1,961.03 | 7 | 2,320.36 | 7 | 2,679.70 | 7 | 3,038.93 | 7 | 3,398.17 |
| 1/4 | 172.35 | 1/4 | 531.68 | 1/4 | 890.97 | 1/4 | 1,249.85 | 1/4 | 1,609.18 | 1/4 | 1,968.52 | 1/4 | 2,327.85 | 1/4 | 2,687.18 | 1/4 | 3,046.42 | 1/4 | 3,405.65 |
| 1/2 | 179.83 | 1/2 | 539.17 | 1/2 | 898.44 | 1/2 | 1,257.34 | 1/2 | 1,616.67 | 1/2 | 1,976.00 | 1/2 | 2,335.34 | 1/2 | 2,694.66 | 1/2 | 3,053.90 | 1/2 | 3,413.14 |
| 3/4 | 187.32 | 3/4 | 546.65 | 3/4 | 905.92 | 3/4 | 1,264.82 | 3/4 | 1,624.16 | 3/4 | 1,983.49 | 3/4 | 2,342.82 | 3/4 | 2,702.15 | 3/4 | 3,061.39 | 3/4 | 3,420.62 |
| 8 | 194.81 | 8 | 554.14 | 8 | 913.39 | 8 | 1,272.31 | 8 | 1,631.64 | 8 | 1,990.97 | 8 | 2,350.31 | 8 | 2,709.63 | 8 | 3,068.87 | 8 | 3,428.11 |
| 1/4 | 202.29 | 1/4 | 561.62 | 1/4 | 920.86 | 1/4 | 1,279.80 | 1/4 | 1,639.13 | 1/4 | 1,998.46 | 1/4 | 2,357.79 | 1/4 | 2,717.12 | 1/4 | 3,076.35 | 1/4 | 3,435.59 |
| 1/2 | 209.78 | 1/2 | 569.11 | 1/2 | 928.33 | 1/2 | 1,287.28 | 1/2 | 1,646.61 | 1/2 | 2,005.95 | 1/2 | 2,365.28 | 1/2 | 2,724.60 | 1/2 | 3,083.84 | 1/2 | 3,443.07 |
| 3/4 | 217.26 | 3/4 | 576.60 | 3/4 | 935.80 | 3/4 | 1,294.77 | 3/4 | 1,654.10 | 3/4 | 2,013.43 | 3/4 | 2,372.77 | 3/4 | 2,732.09 | 3/4 | 3,091.32 | 3/4 | 3,450.56 |
| 9 | 224.75 | 9 | 584.08 | 9 | 943.28 | 9 | 1,302.25 | 9 | 1,661.59 | 9 | 2,020.92 | 9 | 2,380.25 | 9 | 2,739.57 | 9 | 3,098.81 | 9 | 3,458.04 |
| 1/4 | 232.24 | 1/4 | 591.57 | 1/4 | 950.75 | 1/4 | 1,309.74 | 1/4 | 1,669.07 | 1/4 | 2,028.41 | 1/4 | 2,387.74 | 1/4 | 2,747.05 | 1/4 | 3,106.29 | 1/4 | 3,465.53 |
| 1/2 | 239.72 | 1/2 | 599.05 | 1/2 | 958.22 | 1/2 | 1,317.23 | 1/2 | 1,676.56 | 1/2 | 2,035.89 | 1/2 | 2,395.22 | 1/2 | 2,754.54 | 1/2 | 3,113.77 | 1/2 | 3,473.01 |
| 3/4 | 247.21 | 3/4 | 606.54 | 3/4 | 965.69 | 3/4 | 1,324.71 | 3/4 | 1,684.04 | 3/4 | 2,043.38 | 3/4 | 2,402.71 | 3/4 | 2,762.02 | 3/4 | 3,121.26 | 3/4 | 3,480.50 |
| 10 | 254.69 | 10 | 614.03 | 10 | 973.16 | 10 | 1,332.20 | 10 | 1,691.53 | 10 | 2,050.86 | 10 | 2,410.20 | 10 | 2,769.51 | 10 | 3,128.74 | 10 | 3,487.98 |
| 1/4 | 262.18 | 1/4 | 621.51 | 1/4 | 980.64 | 1/4 | 1,339.68 | 1/4 | 1,699.02 | 1/4 | 2,058.35 | 1/4 | 2,417.68 | 1/4 | 2,776.99 | 1/4 | 3,136.23 | 1/4 | 3,495.46 |
| 1/2 | 269.67 | 1/2 | 629.00 | 1/2 | 988.11 | 1/2 | 1,347.17 | 1/2 | 1,706.50 | 1/2 | 2,065.84 | 1/2 | 2,425.17 | 1/2 | 2,784.47 | 1/2 | 3,143.71 | 1/2 | 3,502.95 |
| 3/4 | 277.15 | 3/4 | 636.49 | 3/4 | 995.58 | 3/4 | 1,354.66 | 3/4 | 1,713.99 | 3/4 | 2,073.32 | 3/4 | 2,432.65 | 3/4 | 2,791.96 | 3/4 | 3,151.19 | 3/4 | 3,510.43 |
| 11 | 284.64 | 11 | 643.97 | 11 | 1,003.05 | 11 | 1,362.14 | 11 | 1,721.47 | 11 | 2,080.81 | 11 | 2,440.14 | 11 | 2,799.44 | 11 | 3,158.68 | 11 | 3,517.92 |
| 1/4 | 292.12 | 1/4 | 651.46 | 1/4 | 1,010.52 | 1/4 | 1,369.63 | 1/4 | 1,728.96 | 1/4 | 2,088.29 | 1/4 | 2,447.63 | 1/4 | 2,806.93 | 1/4 | 3,166.16 | 1/4 | 3,525.40 |
| 1/2 | 299.61 | 1/2 | 658.94 | 1/2 | 1,018.00 | 1/2 | 1,377.11 | 1/2 | 1,736.45 | 1/2 | 2,095.78 | 1/2 | 2,455.11 | 1/2 | 2,814.41 | 1/2 | 3,173.65 | 1/2 | 3,532.88 |
| 3/4 | 307.10 | 3/4 | 666.43 | 3/4 | 1,025.47 | 3/4 | 1,384.60 | 3/4 | 1,743.93 | 3/4 | 2,103.27 | 3/4 | 2,462.60 | 3/4 | 2,821.89 | 3/4 | 3,181.13 | 3/4 | 3,540.37 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 STBD

INNAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,547.85 | 0 | 3,907.09 | 0 | 4,265.75 | 0 | 4,623.94 | 0 | 4,980.81 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,555.34 | 1/4 | 3,914.57 | 1/4 | 4,273.21 | 1/4 | 4,631.40 | 1/4 | 4,988.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,562.82 | 1/2 | 3,922.06 | 1/2 | 4,280.67 | 1/2 | 4,638.86 | 1/2 | 4,995.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,570.30 | 3/4 | 3,929.54 | 3/4 | 4,288.13 | 3/4 | 4,646.32 | 3/4 | 5,002.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,577.79 | 1 | 3,937.03 | 1 | 4,295.59 | 1 | 4,653.78 | 1 | 5,010.34 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,585.27 | 1/4 | 3,944.51 | 1/4 | 4,303.06 | 1/4 | 4,661.25 | 1/4 | 5,017.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,592.76 | 1/2 | 3,951.99 | 1/2 | 4,310.52 | 1/2 | 4,668.71 | 1/2 | 5,025.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,600.24 | 3/4 | 3,959.48 | 3/4 | 4,317.98 | 3/4 | 4,676.17 | 3/4 | 5,032.38 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,607.72 | 2 | 3,966.96 | 2 | 4,325.44 | 2 | 4,683.63 | 2 | 5,039.73 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,615.21 | 1/4 | 3,974.45 | 1/4 | 4,332.91 | 1/4 | 4,691.10 | 1/4 | 5,046.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,622.69 | 1/2 | 3,981.93 | 1/2 | 4,340.37 | 1/2 | 4,698.56 | 1/2 | 5,053.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,630.18 | 3/4 | 3,989.41 | 3/4 | 4,347.83 | 3/4 | 4,706.02 | 3/4 | 5,060.39 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,637.66 | 3 | 3,996.90 | 3 | 4,355.29 | 3 | 4,713.48 | 3 | 5,067.28 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,645.15 | 1/4 | 4,004.38 | 1/4 | 4,362.76 | 1/4 | 4,720.95 | 1/4 | 5,073.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,652.63 | 1/2 | 4,011.87 | 1/2 | 4,370.22 | 1/2 | 4,728.41 | 1/2 | 5,078.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,660.11 | 3/4 | 4,019.35 | 3/4 | 4,377.68 | 3/4 | 4,735.87 | 3/4 | 5,084.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,667.60 | 4 | 4,026.83 | 4 | 4,385.14 | 4 | 4,743.33 | 4 | 5,090.60 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,675.08 | 1/4 | 4,034.32 | 1/4 | 4,392.60 | 1/4 | 4,750.79 | 1/4 | 5,095.18 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,682.57 | 1/2 | 4,041.80 | 1/2 | 4,400.07 | 1/2 | 4,758.26 | 1/2 | 5,099.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,690.05 | 3/4 | 4,049.29 | 3/4 | 4,407.53 | 3/4 | 4,765.72 | 3/4 | 5,104.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,697.53 | 5 | 4,056.77 | 5 | 4,414.99 | 5 | 4,773.18 | 5 | 5,108.93 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,705.02 | 1/4 | 4,064.24 | 1/4 | 4,422.45 | 1/4 | 4,780.64 | 1/4 | 5,112.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,712.50 | 1/2 | 4,071.71 | 1/2 | 4,429.92 | 1/2 | 4,788.11 | 1/2 | 5,115.61 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,719.99 | 3/4 | 4,079.18 | 3/4 | 4,437.38 | 3/4 | 4,795.57 | 3/4 | 5,118.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,727.47 | 6 | 4,086.65 | 6 | 4,444.84 | 6 | 4,803.03 | 6 | 5,122.28 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,734.95 | 1/4 | 4,094.11 | 1/4 | 4,452.30 | 1/4 | 4,810.49 | 1/4 | 5,124.36 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,742.44 | 1/2 | 4,101.57 | 1/2 | 4,459.77 | 1/2 | 4,817.96 | 1/2 | 5,126.45 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,749.92 | 3/4 | 4,109.04 | 3/4 | 4,467.23 | 3/4 | 4,825.42 | 3/4 | 5,128.54 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,757.41 | 7 | 4,116.50 | 7 | 4,474.69 | 7 | 4,832.88 | 7 | 5,130.63 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,764.89 | 1/4 | 4,123.96 | 1/4 | 4,482.15 | 1/4 | 4,840.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,772.38 | 1/2 | 4,131.42 | 1/2 | 4,489.61 | 1/2 | 4,847.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,779.86 | 3/4 | 4,138.89 | 3/4 | 4,497.08 | 3/4 | 4,855.16 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,787.34 | 8 | 4,146.35 | 8 | 4,504.54 | 8 | 4,862.58 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,794.83 | 1/4 | 4,153.81 | 1/4 | 4,512.00 | 1/4 | 4,869.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,802.31 | 1/2 | 4,161.27 | 1/2 | 4,519.46 | 1/2 | 4,877.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,809.80 | 3/4 | 4,168.74 | 3/4 | 4,526.93 | 3/4 | 4,884.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,817.28 | 9 | 4,176.20 | 9 | 4,534.39 | 9 | 4,892.14 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,824.76 | 1/4 | 4,183.66 | 1/4 | 4,541.85 | 1/4 | 4,899.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,832.25 | 1/2 | 4,191.12 | 1/2 | 4,549.31 | 1/2 | 4,906.91 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,839.73 | 3/4 | 4,198.58 | 3/4 | 4,556.78 | 3/4 | 4,914.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,847.22 | 10 | 4,206.05 | 10 | 4,564.24 | 10 | 4,921.69 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,854.70 | 1/4 | 4,213.51 | 1/4 | 4,571.70 | 1/4 | 4,929.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,862.18 | 1/2 | 4,220.97 | 1/2 | 4,579.16 | 1/2 | 4,936.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,869.67 | 3/4 | 4,228.43 | 3/4 | 4,586.62 | 3/4 | 4,943.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,877.15 | 11 | 4,235.90 | 11 | 4,594.09 | 11 | 4,951.25 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,884.64 | 1/4 | 4,243.36 | 1/4 | 4,601.55 | 1/4 | 4,958.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,892.12 | 1/2 | 4,250.82 | 1/2 | 4,609.01 | 1/2 | 4,966.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,899.60 | 3/4 | 4,258.28 | 3/4 | 4,616.47 | 3/4 | 4,973.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
 CALCULATED: 01/08/2019 CL
 PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 PORT INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.23 | 0 | 313.38 | 0 | 670.80 | 0 | 1,020.34 | 0 | 1,372.01 | 0 | 1,729.19 | 0 | 2,085.58 | 0 | 2,442.66 | 0 | 2,799.49 | 0 | 3,156.28 |
| 1/4 | 4.10 | 1/4 | 320.82 | 1/4 | 678.25 | 1/4 | 1,027.49 | 1/4 | 1,379.45 | 1/4 | 1,736.63 | 1/4 | 2,093.01 | 1/4 | 2,450.10 | 1/4 | 2,806.92 | 1/4 | 3,163.71 |
| 1/2 | 5.96 | 1/2 | 328.27 | 1/2 | 685.69 | 1/2 | 1,034.64 | 1/2 | 1,386.89 | 1/2 | 1,744.06 | 1/2 | 2,100.43 | 1/2 | 2,457.53 | 1/2 | 2,814.35 | 1/2 | 3,171.15 |
| 3/4 | 7.82 | 3/4 | 335.72 | 3/4 | 693.14 | 3/4 | 1,041.79 | 3/4 | 1,394.33 | 3/4 | 1,751.49 | 3/4 | 2,107.86 | 3/4 | 2,464.97 | 3/4 | 2,821.79 | 3/4 | 3,178.58 |
| 1 | 9.69 | 1 | 343.16 | 1 | 700.58 | 1 | 1,048.94 | 1 | 1,401.78 | 1 | 1,758.93 | 1 | 2,115.29 | 1 | 2,472.40 | 1 | 2,829.22 | 1 | 3,186.01 |
| 1/4 | 13.42 | 1/4 | 350.61 | 1/4 | 708.03 | 1/4 | 1,056.09 | 1/4 | 1,409.22 | 1/4 | 1,766.35 | 1/4 | 2,122.73 | 1/4 | 2,479.83 | 1/4 | 2,836.65 | 1/4 | 3,193.43 |
| 1/2 | 17.15 | 1/2 | 358.05 | 1/2 | 715.48 | 1/2 | 1,063.24 | 1/2 | 1,416.66 | 1/2 | 1,773.78 | 1/2 | 2,130.17 | 1/2 | 2,487.27 | 1/2 | 2,844.09 | 1/2 | 3,200.85 |
| 3/4 | 20.87 | 3/4 | 365.50 | 3/4 | 722.92 | 3/4 | 1,070.39 | 3/4 | 1,424.10 | 3/4 | 1,781.20 | 3/4 | 2,137.60 | 3/4 | 2,494.70 | 3/4 | 2,851.52 | 3/4 | 3,208.27 |
| 2 | 24.60 | 2 | 372.95 | 2 | 730.37 | 2 | 1,077.54 | 2 | 1,431.54 | 2 | 1,788.63 | 2 | 2,145.04 | 2 | 2,502.14 | 2 | 2,858.95 | 2 | 3,215.69 |
| 1/4 | 30.20 | 1/4 | 380.39 | 1/4 | 737.82 | 1/4 | 1,084.72 | 1/4 | 1,438.98 | 1/4 | 1,796.05 | 1/4 | 2,152.48 | 1/4 | 2,509.57 | 1/4 | 2,866.39 | 1/4 | 3,223.10 |
| 1/2 | 35.79 | 1/2 | 387.84 | 1/2 | 745.26 | 1/2 | 1,091.91 | 1/2 | 1,446.42 | 1/2 | 1,803.48 | 1/2 | 2,159.92 | 1/2 | 2,517.01 | 1/2 | 2,873.82 | 1/2 | 3,230.50 |
| 3/4 | 41.38 | 3/4 | 395.29 | 3/4 | 752.71 | 3/4 | 1,099.09 | 3/4 | 1,453.86 | 3/4 | 1,810.90 | 3/4 | 2,167.36 | 3/4 | 2,524.44 | 3/4 | 2,881.25 | 3/4 | 3,237.91 |
| 3 | 46.97 | 3 | 402.73 | 3 | 760.15 | 3 | 1,106.28 | 3 | 1,461.31 | 3 | 1,818.33 | 3 | 2,174.79 | 3 | 2,531.87 | 3 | 2,888.69 | 3 | 3,245.31 |
| 1/4 | 53.95 | 1/4 | 410.18 | 1/4 | 767.60 | 1/4 | 1,113.50 | 1/4 | 1,468.75 | 1/4 | 1,825.75 | 1/4 | 2,182.23 | 1/4 | 2,539.31 | 1/4 | 2,896.12 | 1/4 | 3,252.71 |
| 1/2 | 60.92 | 1/2 | 417.63 | 1/2 | 775.05 | 1/2 | 1,120.72 | 1/2 | 1,476.19 | 1/2 | 1,833.18 | 1/2 | 2,189.67 | 1/2 | 2,546.74 | 1/2 | 2,903.55 | 1/2 | 3,260.12 |
| 3/4 | 67.89 | 3/4 | 425.07 | 3/4 | 782.49 | 3/4 | 1,127.94 | 3/4 | 1,483.63 | 3/4 | 1,840.60 | 3/4 | 2,197.11 | 3/4 | 2,554.18 | 3/4 | 2,910.99 | 3/4 | 3,267.52 |
| 4 | 74.87 | 4 | 432.52 | 4 | 789.94 | 4 | 1,135.16 | 4 | 1,491.07 | 4 | 1,848.03 | 4 | 2,204.55 | 4 | 2,561.61 | 4 | 2,918.42 | 4 | 3,274.93 |
| 1/4 | 82.30 | 1/4 | 439.96 | 1/4 | 797.35 | 1/4 | 1,142.39 | 1/4 | 1,498.51 | 1/4 | 1,855.45 | 1/4 | 2,211.98 | 1/4 | 2,569.05 | 1/4 | 2,925.85 | 1/4 | 3,282.33 |
| 1/2 | 89.74 | 1/2 | 447.41 | 1/2 | 804.77 | 1/2 | 1,149.61 | 1/2 | 1,505.95 | 1/2 | 1,862.88 | 1/2 | 2,219.42 | 1/2 | 2,576.48 | 1/2 | 2,933.29 | 1/2 | 3,289.74 |
| 3/4 | 97.17 | 3/4 | 454.86 | 3/4 | 812.18 | 3/4 | 1,156.84 | 3/4 | 1,513.39 | 3/4 | 1,870.30 | 3/4 | 2,226.86 | 3/4 | 2,583.92 | 3/4 | 2,940.72 | 3/4 | 3,297.14 |
| 5 | 104.60 | 5 | 462.30 | 5 | 819.60 | 5 | 1,164.07 | 5 | 1,520.84 | 5 | 1,877.73 | 5 | 2,234.30 | 5 | 2,591.35 | 5 | 2,948.15 | 5 | 3,304.55 |
| 1/4 | 112.06 | 1/4 | 469.75 | 1/4 | 826.88 | 1/4 | 1,171.41 | 1/4 | 1,528.28 | 1/4 | 1,885.15 | 1/4 | 2,241.73 | 1/4 | 2,598.78 | 1/4 | 2,955.59 | 1/4 | 3,311.95 |
| 1/2 | 119.51 | 1/2 | 477.20 | 1/2 | 834.15 | 1/2 | 1,178.74 | 1/2 | 1,535.72 | 1/2 | 1,892.58 | 1/2 | 2,249.17 | 1/2 | 2,606.22 | 1/2 | 2,963.02 | 1/2 | 3,319.36 |
| 3/4 | 126.96 | 3/4 | 484.64 | 3/4 | 841.43 | 3/4 | 1,186.08 | 3/4 | 1,543.16 | 3/4 | 1,900.00 | 3/4 | 2,256.61 | 3/4 | 2,613.65 | 3/4 | 2,970.45 | 3/4 | 3,326.76 |
| 6 | 134.41 | 6 | 492.09 | 6 | 848.71 | 6 | 1,193.42 | 6 | 1,550.60 | 6 | 1,907.43 | 6 | 2,264.05 | 6 | 2,621.09 | 6 | 2,977.88 | 6 | 3,334.17 |
| 1/4 | 141.87 | 1/4 | 499.53 | 1/4 | 855.87 | 1/4 | 1,200.86 | 1/4 | 1,558.04 | 1/4 | 1,914.85 | 1/4 | 2,271.49 | 1/4 | 2,628.52 | 1/4 | 2,985.32 | 1/4 | 3,341.57 |
| 1/2 | 149.33 | 1/2 | 506.98 | 1/2 | 863.03 | 1/2 | 1,208.30 | 1/2 | 1,565.48 | 1/2 | 1,922.28 | 1/2 | 2,278.93 | 1/2 | 2,635.96 | 1/2 | 2,992.75 | 1/2 | 3,348.97 |
| 3/4 | 156.78 | 3/4 | 514.43 | 3/4 | 870.19 | 3/4 | 1,215.74 | 3/4 | 1,572.93 | 3/4 | 1,929.70 | 3/4 | 2,286.37 | 3/4 | 2,643.39 | 3/4 | 3,000.18 | 3/4 | 3,356.38 |
| 7 | 164.24 | 7 | 521.87 | 7 | 877.35 | 7 | 1,223.18 | 7 | 1,580.37 | 7 | 1,937.12 | 7 | 2,293.81 | 7 | 2,650.82 | 7 | 3,007.62 | 7 | 3,363.78 |
| 1/4 | 171.70 | 1/4 | 529.32 | 1/4 | 884.50 | 1/4 | 1,230.63 | 1/4 | 1,587.81 | 1/4 | 1,944.55 | 1/4 | 2,301.25 | 1/4 | 2,658.26 | 1/4 | 3,015.05 | 1/4 | 3,371.17 |
| 1/2 | 179.16 | 1/2 | 536.77 | 1/2 | 891.65 | 1/2 | 1,238.07 | 1/2 | 1,595.25 | 1/2 | 1,951.97 | 1/2 | 2,308.70 | 1/2 | 2,665.69 | 1/2 | 3,022.48 | 1/2 | 3,378.57 |
| 3/4 | 186.62 | 3/4 | 544.21 | 3/4 | 898.80 | 3/4 | 1,245.51 | 3/4 | 1,602.69 | 3/4 | 1,959.40 | 3/4 | 2,316.14 | 3/4 | 2,673.12 | 3/4 | 3,029.92 | 3/4 | 3,385.97 |
| 8 | 194.07 | 8 | 551.66 | 8 | 905.95 | 8 | 1,252.95 | 8 | 1,610.13 | 8 | 1,966.82 | 8 | 2,323.58 | 8 | 2,680.56 | 8 | 3,037.35 | 8 | 3,393.36 |
| 1/4 | 201.53 | 1/4 | 559.10 | 1/4 | 913.10 | 1/4 | 1,260.39 | 1/4 | 1,617.57 | 1/4 | 1,974.25 | 1/4 | 2,331.03 | 1/4 | 2,687.99 | 1/4 | 3,044.78 | 1/4 | 3,400.64 |
| 1/2 | 208.99 | 1/2 | 566.55 | 1/2 | 920.25 | 1/2 | 1,267.83 | 1/2 | 1,625.01 | 1/2 | 1,981.67 | 1/2 | 2,338.47 | 1/2 | 2,695.42 | 1/2 | 3,052.22 | 1/2 | 3,407.92 |
| 3/4 | 216.45 | 3/4 | 574.00 | 3/4 | 927.40 | 3/4 | 1,275.27 | 3/4 | 1,632.46 | 3/4 | 1,989.10 | 3/4 | 2,345.91 | 3/4 | 2,702.86 | 3/4 | 3,059.65 | 3/4 | 3,415.20 |
| 9 | 223.90 | 9 | 581.44 | 9 | 934.55 | 9 | 1,282.71 | 9 | 1,639.90 | 9 | 1,996.52 | 9 | 2,353.36 | 9 | 2,710.29 | 9 | 3,067.08 | 9 | 3,422.47 |
| 1/4 | 231.36 | 1/4 | 588.89 | 1/4 | 941.70 | 1/4 | 1,290.16 | 1/4 | 1,647.34 | 1/4 | 2,003.95 | 1/4 | 2,360.80 | 1/4 | 2,717.72 | 1/4 | 3,074.52 | 1/4 | 3,429.40 |
| 1/2 | 238.82 | 1/2 | 596.34 | 1/2 | 948.85 | 1/2 | 1,297.60 | 1/2 | 1,654.78 | 1/2 | 2,011.37 | 1/2 | 2,368.25 | 1/2 | 2,725.16 | 1/2 | 3,081.95 | 1/2 | 3,436.32 |
| 3/4 | 246.28 | 3/4 | 603.78 | 3/4 | 956.00 | 3/4 | 1,305.04 | 3/4 | 1,662.22 | 3/4 | 2,018.80 | 3/4 | 2,375.69 | 3/4 | 2,732.59 | 3/4 | 3,089.38 | 3/4 | 3,443.25 |
| 10 | 253.74 | 10 | 611.23 | 10 | 963.15 | 10 | 1,312.48 | 10 | 1,669.66 | 10 | 2,026.22 | 10 | 2,383.13 | 10 | 2,740.02 | 10 | 3,096.82 | 10 | 3,450.17 |
| 1/4 | 261.19 | 1/4 | 618.68 | 1/4 | 970.30 | 1/4 | 1,319.92 | 1/4 | 1,677.10 | 1/4 | 2,033.64 | 1/4 | 2,390.58 | 1/4 | 2,747.46 | 1/4 | 3,104.25 | 1/4 | 3,456.62 |
| 1/2 | 268.65 | 1/2 | 626.12 | 1/2 | 977.45 | 1/2 | 1,327.36 | 1/2 | 1,684.54 | 1/2 | 2,041.07 | 1/2 | 2,398.02 | 1/2 | 2,754.89 | 1/2 | 3,111.68 | 1/2 | 3,463.06 |
| 3/4 | 276.11 | 3/4 | 633.57 | 3/4 | 984.60 | 3/4 | 1,334.80 | 3/4 | 1,691.99 | 3/4 | 2,048.49 | 3/4 | 2,405.46 | 3/4 | 2,762.32 | 3/4 | 3,119.12 | 3/4 | 3,469.51 |
| 11 | 283.57 | 11 | 641.01 | 11 | 991.74 | 11 | 1,342.24 | 11 | 1,699.43 | 11 | 2,055.91 | 11 | 2,412.91 | 11 | 2,769.76 | 11 | 3,126.55 | 11 | 3,475.96 |
| 1/4 | 291.02 | 1/4 | 648.46 | 1/4 | 998.89 | 1/4 | 1,349.69 | 1/4 | 1,706.87 | 1/4 | 2,063.33 | 1/4 | 2,420.35 | 1/4 | 2,777.19 | 1/4 | 3,133.98 | 1/4 | 3,481.93 |
| 1/2 | 298.47 | 1/2 | 655.91 | 1/2 | 1,006.04 | 1/2 | 1,357.13 | 1/2 | 1,714.31 | 1/2 | 2,070.74 | 1/2 | 2,427.78 | 1/2 | 2,784.62 | 1/2 | 3,141.42 | 1/2 | 3,487.91 |
| 3/4 | 305.92 | 3/4 | 663.35 | 3/4 | 1,013.19 | 3/4 | 1,364.57 | 3/4 | 1,721.75 | 3/4 | 2,078.16 | 3/4 | 2,435.22 | 3/4 | 2,792.05 | 3/4 | 3,148.85 | 3/4 | 3,493.88 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

3 PORT

INNAGE TABLE 10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,499.85 | 0 | 3,725.62 | 0 | 3,945.03 | 0 | 4,164.17 | 0 | 4,382.50 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,505.36 | 1/4 | 3,730.19 | 1/4 | 3,949.60 | 1/4 | 4,168.74 | 1/4 | 4,387.02 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,510.86 | 1/2 | 3,734.77 | 1/2 | 3,954.16 | 1/2 | 4,173.30 | 1/2 | 4,391.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,516.36 | 3/4 | 3,739.35 | 3/4 | 3,958.73 | 3/4 | 4,177.87 | 3/4 | 4,396.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,521.86 | 1 | 3,743.93 | 1 | 3,963.29 | 1 | 4,182.43 | 1 | 4,400.57 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,526.89 | 1/4 | 3,748.51 | 1/4 | 3,967.86 | 1/4 | 4,187.00 | 1/4 | 4,405.07 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,531.93 | 1/2 | 3,753.08 | 1/2 | 3,972.43 | 1/2 | 4,191.56 | 1/2 | 4,409.56 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,536.97 | 3/4 | 3,757.66 | 3/4 | 3,976.99 | 3/4 | 4,196.13 | 3/4 | 4,414.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,542.01 | 2 | 3,762.24 | 2 | 3,981.56 | 2 | 4,200.70 | 2 | 4,418.55 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,546.71 | 1/4 | 3,766.82 | 1/4 | 3,986.12 | 1/4 | 4,205.26 | 1/4 | 4,422.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,551.41 | 1/2 | 3,771.40 | 1/2 | 3,990.69 | 1/2 | 4,209.83 | 1/2 | 4,426.98 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,556.11 | 3/4 | 3,775.98 | 3/4 | 3,995.25 | 3/4 | 4,214.39 | 3/4 | 4,431.19 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,560.80 | 3 | 3,780.55 | 3 | 3,999.82 | 3 | 4,218.96 | 3 | 4,435.41 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,565.38 | 1/4 | 3,785.13 | 1/4 | 4,004.38 | 1/4 | 4,223.52 | 1/4 | 4,438.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,569.96 | 1/2 | 3,789.71 | 1/2 | 4,008.95 | 1/2 | 4,228.09 | 1/2 | 4,442.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,574.54 | 3/4 | 3,794.29 | 3/4 | 4,013.51 | 3/4 | 4,232.65 | 3/4 | 4,446.11 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,579.12 | 4 | 3,798.87 | 4 | 4,018.08 | 4 | 4,237.22 | 4 | 4,449.68 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,583.69 | 1/4 | 3,803.44 | 1/4 | 4,022.65 | 1/4 | 4,241.78 | 1/4 | 4,452.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,588.27 | 1/2 | 3,808.02 | 1/2 | 4,027.21 | 1/2 | 4,246.35 | 1/2 | 4,455.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,592.85 | 3/4 | 3,812.60 | 3/4 | 4,031.78 | 3/4 | 4,250.92 | 3/4 | 4,458.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,597.43 | 5 | 3,817.18 | 5 | 4,036.34 | 5 | 4,255.48 | 5 | 4,460.89 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,602.01 | 1/4 | 3,821.75 | 1/4 | 4,040.91 | 1/4 | 4,260.05 | 1/4 | 4,462.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,606.59 | 1/2 | 3,826.32 | 1/2 | 4,045.47 | 1/2 | 4,264.61 | 1/2 | 4,464.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,611.16 | 3/4 | 3,830.89 | 3/4 | 4,050.04 | 3/4 | 4,269.18 | 3/4 | 4,467.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,615.74 | 6 | 3,835.46 | 6 | 4,054.60 | 6 | 4,273.74 | 6 | 4,469.06 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,620.32 | 1/4 | 3,840.03 | 1/4 | 4,059.17 | 1/4 | 4,278.31 | 1/4 | 4,470.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,624.90 | 1/2 | 3,844.59 | 1/2 | 4,063.73 | 1/2 | 4,282.87 | 1/2 | 4,471.61 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,629.48 | 3/4 | 3,849.16 | 3/4 | 4,068.30 | 3/4 | 4,287.44 | 3/4 | 4,472.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,634.05 | 7 | 3,853.73 | 7 | 4,072.86 | 7 | 4,292.00 | 7 | 4,474.17 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,638.63 | 1/4 | 3,858.29 | 1/4 | 4,077.43 | 1/4 | 4,296.55 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,643.21 | 1/2 | 3,862.86 | 1/2 | 4,082.00 | 1/2 | 4,301.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,647.79 | 3/4 | 3,867.42 | 3/4 | 4,086.56 | 3/4 | 4,305.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,652.37 | 8 | 3,871.99 | 8 | 4,091.13 | 8 | 4,310.17 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,656.94 | 1/4 | 3,876.55 | 1/4 | 4,095.69 | 1/4 | 4,314.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,661.52 | 1/2 | 3,881.12 | 1/2 | 4,100.26 | 1/2 | 4,319.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,666.10 | 3/4 | 3,885.68 | 3/4 | 4,104.82 | 3/4 | 4,323.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,670.68 | 9 | 3,890.25 | 9 | 4,109.39 | 9 | 4,328.25 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,675.26 | 1/4 | 3,894.81 | 1/4 | 4,113.95 | 1/4 | 4,332.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,679.84 | 1/2 | 3,899.38 | 1/2 | 4,118.52 | 1/2 | 4,337.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,684.41 | 3/4 | 3,903.94 | 3/4 | 4,123.08 | 3/4 | 4,341.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,688.99 | 10 | 3,908.51 | 10 | 4,127.65 | 10 | 4,346.33 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,693.57 | 1/4 | 3,913.08 | 1/4 | 4,132.21 | 1/4 | 4,350.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,698.15 | 1/2 | 3,917.64 | 1/2 | 4,136.78 | 1/2 | 4,355.38 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,702.73 | 3/4 | 3,922.21 | 3/4 | 4,141.35 | 3/4 | 4,359.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,707.30 | 11 | 3,926.77 | 11 | 4,145.91 | 11 | 4,364.42 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,711.88 | 1/4 | 3,931.34 | 1/4 | 4,150.48 | 1/4 | 4,368.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,716.46 | 1/2 | 3,935.90 | 1/2 | 4,155.04 | 1/2 | 4,373.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,721.04 | 3/4 | 3,940.47 | 3/4 | 4,159.61 | 3/4 | 4,377.98 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 STBD INNAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 2.23 | 0 | 312.79 | 0 | 670.08 | 0 | 1,027.06 | 0 | 1,384.17 | 0 | 1,741.47 | 0 | 2,098.78 | 0 | 2,456.05 | 0 | 2,812.89 | 0 | 3,169.70 |
| 1/4 | 4.09 | 1/4 | 320.24 | 1/4 | 677.53 | 1/4 | 1,034.49 | 1/4 | 1,391.62 | 1/4 | 1,748.92 | 1/4 | 2,106.22 | 1/4 | 2,463.48 | 1/4 | 2,820.32 | 1/4 | 3,177.13 |
| 1/2 | 5.95 | 1/2 | 327.68 | 1/2 | 684.97 | 1/2 | 1,041.92 | 1/2 | 1,399.06 | 1/2 | 1,756.36 | 1/2 | 2,113.66 | 1/2 | 2,470.92 | 1/2 | 2,827.76 | 1/2 | 3,184.56 |
| 3/4 | 7.81 | 3/4 | 335.12 | 3/4 | 692.41 | 3/4 | 1,049.35 | 3/4 | 1,406.50 | 3/4 | 1,763.81 | 3/4 | 2,121.11 | 3/4 | 2,478.35 | 3/4 | 2,835.19 | 3/4 | 3,192.00 |
| 1 | 9.67 | 1 | 342.57 | 1 | 699.86 | 1 | 1,056.78 | 1 | 1,413.95 | 1 | 1,771.25 | 1 | 2,128.55 | 1 | 2,485.79 | 1 | 2,842.62 | 1 | 3,199.43 |
| 1/4 | 13.39 | 1/4 | 350.01 | 1/4 | 707.30 | 1/4 | 1,064.21 | 1/4 | 1,421.39 | 1/4 | 1,778.69 | 1/4 | 2,136.00 | 1/4 | 2,493.22 | 1/4 | 2,850.06 | 1/4 | 3,206.85 |
| 1/2 | 17.11 | 1/2 | 357.45 | 1/2 | 714.74 | 1/2 | 1,071.64 | 1/2 | 1,428.84 | 1/2 | 1,786.14 | 1/2 | 2,143.44 | 1/2 | 2,500.66 | 1/2 | 2,857.49 | 1/2 | 3,214.27 |
| 3/4 | 20.83 | 3/4 | 364.90 | 3/4 | 722.19 | 3/4 | 1,079.07 | 3/4 | 1,436.28 | 3/4 | 1,793.58 | 3/4 | 2,150.88 | 3/4 | 2,508.09 | 3/4 | 2,864.92 | 3/4 | 3,221.69 |
| 2 | 24.56 | 2 | 372.34 | 2 | 729.63 | 2 | 1,086.50 | 2 | 1,443.72 | 2 | 1,801.03 | 2 | 2,158.33 | 2 | 2,515.53 | 2 | 2,872.36 | 2 | 3,229.10 |
| 1/4 | 30.14 | 1/4 | 379.79 | 1/4 | 737.07 | 1/4 | 1,093.93 | 1/4 | 1,451.17 | 1/4 | 1,808.47 | 1/4 | 2,165.77 | 1/4 | 2,522.96 | 1/4 | 2,879.79 | 1/4 | 3,236.51 |
| 1/2 | 35.72 | 1/2 | 387.23 | 1/2 | 744.52 | 1/2 | 1,101.36 | 1/2 | 1,458.61 | 1/2 | 1,815.91 | 1/2 | 2,173.22 | 1/2 | 2,530.40 | 1/2 | 2,887.22 | 1/2 | 3,243.91 |
| 3/4 | 41.30 | 3/4 | 394.67 | 3/4 | 751.96 | 3/4 | 1,108.80 | 3/4 | 1,466.05 | 3/4 | 1,823.36 | 3/4 | 2,180.66 | 3/4 | 2,537.83 | 3/4 | 2,894.66 | 3/4 | 3,251.32 |
| 3 | 46.88 | 3 | 402.12 | 3 | 759.40 | 3 | 1,116.23 | 3 | 1,473.50 | 3 | 1,830.80 | 3 | 2,188.10 | 3 | 2,545.27 | 3 | 2,902.09 | 3 | 3,258.72 |
| 1/4 | 53.84 | 1/4 | 409.56 | 1/4 | 766.85 | 1/4 | 1,123.67 | 1/4 | 1,480.94 | 1/4 | 1,838.24 | 1/4 | 2,195.55 | 1/4 | 2,552.70 | 1/4 | 2,909.52 | 1/4 | 3,266.13 |
| 1/2 | 60.80 | 1/2 | 417.00 | 1/2 | 774.29 | 1/2 | 1,131.11 | 1/2 | 1,488.39 | 1/2 | 1,845.69 | 1/2 | 2,202.99 | 1/2 | 2,560.14 | 1/2 | 2,916.96 | 1/2 | 3,273.53 |
| 3/4 | 67.76 | 3/4 | 424.45 | 3/4 | 781.73 | 3/4 | 1,138.54 | 3/4 | 1,495.83 | 3/4 | 1,853.13 | 3/4 | 2,210.43 | 3/4 | 2,567.57 | 3/4 | 2,924.39 | 3/4 | 3,280.94 |
| 4 | 74.72 | 4 | 431.89 | 4 | 789.18 | 4 | 1,145.98 | 4 | 1,503.27 | 4 | 1,860.58 | 4 | 2,217.88 | 4 | 2,575.01 | 4 | 2,931.82 | 4 | 3,288.34 |
| 1/4 | 82.14 | 1/4 | 439.33 | 1/4 | 796.62 | 1/4 | 1,153.42 | 1/4 | 1,510.72 | 1/4 | 1,868.02 | 1/4 | 2,225.32 | 1/4 | 2,582.44 | 1/4 | 2,939.26 | 1/4 | 3,295.75 |
| 1/2 | 89.56 | 1/2 | 446.78 | 1/2 | 804.06 | 1/2 | 1,160.86 | 1/2 | 1,518.16 | 1/2 | 1,875.46 | 1/2 | 2,232.77 | 1/2 | 2,589.87 | 1/2 | 2,946.69 | 1/2 | 3,303.15 |
| 3/4 | 96.98 | 3/4 | 454.22 | 3/4 | 811.51 | 3/4 | 1,168.31 | 3/4 | 1,525.60 | 3/4 | 1,882.91 | 3/4 | 2,240.21 | 3/4 | 2,597.31 | 3/4 | 2,954.13 | 3/4 | 3,310.56 |
| 5 | 104.40 | 5 | 461.66 | 5 | 818.95 | 5 | 1,175.75 | 5 | 1,533.05 | 5 | 1,890.35 | 5 | 2,247.65 | 5 | 2,604.74 | 5 | 2,961.56 | 5 | 3,317.96 |
| 1/4 | 111.84 | 1/4 | 469.11 | 1/4 | 826.40 | 1/4 | 1,183.19 | 1/4 | 1,540.49 | 1/4 | 1,897.79 | 1/4 | 2,255.10 | 1/4 | 2,612.18 | 1/4 | 2,968.99 | 1/4 | 3,325.37 |
| 1/2 | 119.28 | 1/2 | 476.55 | 1/2 | 833.84 | 1/2 | 1,190.63 | 1/2 | 1,547.94 | 1/2 | 1,905.24 | 1/2 | 2,262.54 | 1/2 | 2,619.61 | 1/2 | 2,976.43 | 1/2 | 3,332.78 |
| 3/4 | 126.71 | 3/4 | 483.99 | 3/4 | 841.28 | 3/4 | 1,198.08 | 3/4 | 1,555.38 | 3/4 | 1,912.68 | 3/4 | 2,269.98 | 3/4 | 2,627.05 | 3/4 | 2,983.86 | 3/4 | 3,340.18 |
| 6 | 134.15 | 6 | 491.44 | 6 | 848.73 | 6 | 1,205.52 | 6 | 1,562.82 | 6 | 1,920.13 | 6 | 2,277.43 | 6 | 2,634.48 | 6 | 2,991.29 | 6 | 3,347.59 |
| 1/4 | 141.60 | 1/4 | 498.88 | 1/4 | 856.16 | 1/4 | 1,212.97 | 1/4 | 1,570.27 | 1/4 | 1,927.57 | 1/4 | 2,284.87 | 1/4 | 2,641.92 | 1/4 | 2,998.73 | 1/4 | 3,354.99 |
| 1/2 | 149.04 | 1/2 | 506.32 | 1/2 | 863.60 | 1/2 | 1,220.41 | 1/2 | 1,577.71 | 1/2 | 1,935.01 | 1/2 | 2,292.32 | 1/2 | 2,649.35 | 1/2 | 3,006.16 | 1/2 | 3,362.39 |
| 3/4 | 156.48 | 3/4 | 513.77 | 3/4 | 871.04 | 3/4 | 1,227.85 | 3/4 | 1,585.16 | 3/4 | 1,942.46 | 3/4 | 2,299.76 | 3/4 | 2,656.78 | 3/4 | 3,013.59 | 3/4 | 3,369.80 |
| 7 | 163.92 | 7 | 521.21 | 7 | 878.47 | 7 | 1,235.30 | 7 | 1,592.60 | 7 | 1,949.90 | 7 | 2,307.20 | 7 | 2,664.22 | 7 | 3,021.03 | 7 | 3,377.20 |
| 1/4 | 171.37 | 1/4 | 528.66 | 1/4 | 885.90 | 1/4 | 1,242.74 | 1/4 | 1,600.04 | 1/4 | 1,957.35 | 1/4 | 2,314.65 | 1/4 | 2,671.65 | 1/4 | 3,028.46 | 1/4 | 3,384.59 |
| 1/2 | 178.81 | 1/2 | 536.10 | 1/2 | 893.33 | 1/2 | 1,250.18 | 1/2 | 1,607.49 | 1/2 | 1,964.79 | 1/2 | 2,322.09 | 1/2 | 2,679.09 | 1/2 | 3,035.89 | 1/2 | 3,391.99 |
| 3/4 | 186.25 | 3/4 | 543.54 | 3/4 | 900.76 | 3/4 | 1,257.63 | 3/4 | 1,614.93 | 3/4 | 1,972.23 | 3/4 | 2,329.54 | 3/4 | 2,686.52 | 3/4 | 3,043.33 | 3/4 | 3,399.39 |
| 8 | 193.70 | 8 | 550.99 | 8 | 908.19 | 8 | 1,265.07 | 8 | 1,622.37 | 8 | 1,979.68 | 8 | 2,336.98 | 8 | 2,693.95 | 8 | 3,050.76 | 8 | 3,406.78 |
| 1/4 | 201.14 | 1/4 | 558.43 | 1/4 | 915.62 | 1/4 | 1,272.52 | 1/4 | 1,629.82 | 1/4 | 1,987.12 | 1/4 | 2,344.42 | 1/4 | 2,701.39 | 1/4 | 3,058.19 | 1/4 | 3,414.06 |
| 1/2 | 208.58 | 1/2 | 565.87 | 1/2 | 923.05 | 1/2 | 1,279.96 | 1/2 | 1,637.26 | 1/2 | 1,994.56 | 1/2 | 2,351.87 | 1/2 | 2,708.82 | 1/2 | 3,065.63 | 1/2 | 3,421.34 |
| 3/4 | 216.03 | 3/4 | 573.32 | 3/4 | 930.48 | 3/4 | 1,287.40 | 3/4 | 1,644.71 | 3/4 | 2,002.01 | 3/4 | 2,359.31 | 3/4 | 2,716.25 | 3/4 | 3,073.06 | 3/4 | 3,428.62 |
| 9 | 223.47 | 9 | 580.76 | 9 | 937.91 | 9 | 1,294.85 | 9 | 1,652.15 | 9 | 2,009.45 | 9 | 2,366.75 | 9 | 2,723.69 | 9 | 3,080.49 | 9 | 3,435.90 |
| 1/4 | 230.92 | 1/4 | 588.20 | 1/4 | 945.34 | 1/4 | 1,302.29 | 1/4 | 1,659.59 | 1/4 | 2,016.90 | 1/4 | 2,374.20 | 1/4 | 2,731.12 | 1/4 | 3,087.93 | 1/4 | 3,442.82 |
| 1/2 | 238.36 | 1/2 | 595.65 | 1/2 | 952.77 | 1/2 | 1,309.73 | 1/2 | 1,667.04 | 1/2 | 2,024.34 | 1/2 | 2,381.64 | 1/2 | 2,738.55 | 1/2 | 3,095.36 | 1/2 | 3,449.75 |
| 3/4 | 245.80 | 3/4 | 603.09 | 3/4 | 960.20 | 3/4 | 1,317.18 | 3/4 | 1,674.48 | 3/4 | 2,031.78 | 3/4 | 2,389.09 | 3/4 | 2,745.99 | 3/4 | 3,102.80 | 3/4 | 3,456.67 |
| 10 | 253.25 | 10 | 610.53 | 10 | 967.63 | 10 | 1,324.62 | 10 | 1,681.92 | 10 | 2,039.23 | 10 | 2,396.53 | 10 | 2,753.42 | 10 | 3,110.23 | 10 | 3,463.60 |
| 1/4 | 260.69 | 1/4 | 617.98 | 1/4 | 975.05 | 1/4 | 1,332.07 | 1/4 | 1,689.37 | 1/4 | 2,046.67 | 1/4 | 2,403.97 | 1/4 | 2,760.85 | 1/4 | 3,117.66 | 1/4 | 3,470.05 |
| 1/2 | 268.13 | 1/2 | 625.42 | 1/2 | 982.48 | 1/2 | 1,339.51 | 1/2 | 1,696.81 | 1/2 | 2,054.11 | 1/2 | 2,411.42 | 1/2 | 2,768.29 | 1/2 | 3,125.10 | 1/2 | 3,476.50 |
| 3/4 | 275.58 | 3/4 | 632.86 | 3/4 | 989.91 | 3/4 | 1,346.95 | 3/4 | 1,704.26 | 3/4 | 2,061.56 | 3/4 | 2,418.86 | 3/4 | 2,775.72 | 3/4 | 3,132.53 | 3/4 | 3,482.94 |
| 11 | 283.02 | 11 | 640.31 | 11 | 997.34 | 11 | 1,354.40 | 11 | 1,711.70 | 11 | 2,069.00 | 11 | 2,426.30 | 11 | 2,783.15 | 11 | 3,139.96 | 11 | 3,489.39 |
| 1/4 | 290.46 | 1/4 | 647.75 | 1/4 | 1,004.77 | 1/4 | 1,361.84 | 1/4 | 1,719.14 | 1/4 | 2,076.45 | 1/4 | 2,433.74 | 1/4 | 2,790.59 | 1/4 | 3,147.40 | 1/4 | 3,495.36 |
| 1/2 | 297.91 | 1/2 | 655.19 | 1/2 | 1,012.20 | 1/2 | 1,369.28 | 1/2 | 1,726.59 | 1/2 | 2,083.89 | 1/2 | 2,441.18 | 1/2 | 2,798.02 | 1/2 | 3,154.83 | 1/2 | 3,501.33 |
| 3/4 | 305.35 | 3/4 | 662.64 | 3/4 | 1,019.63 | 3/4 | 1,376.73 | 3/4 | 1,734.03 | 3/4 | 2,091.33 | 3/4 | 2,448.61 | 3/4 | 2,805.46 | 3/4 | 3,162.26 | 3/4 | 3,507.30 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

3 STBD

INNAGE TABLE 10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,513.27 | 0 | 3,738.62 | 0 | 3,957.65 | 0 | 4,176.40 | 0 | 4,394.34 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,518.76 | 1/4 | 3,743.19 | 1/4 | 3,962.21 | 1/4 | 4,180.96 | 1/4 | 4,398.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,524.25 | 1/2 | 3,747.76 | 1/2 | 3,966.76 | 1/2 | 4,185.52 | 1/2 | 4,403.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,529.74 | 3/4 | 3,752.33 | 3/4 | 3,971.32 | 3/4 | 4,190.07 | 3/4 | 4,407.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,535.23 | 1 | 3,756.90 | 1 | 3,975.88 | 1 | 4,194.63 | 1 | 4,412.37 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,540.26 | 1/4 | 3,761.47 | 1/4 | 3,980.44 | 1/4 | 4,199.19 | 1/4 | 4,416.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,545.29 | 1/2 | 3,766.04 | 1/2 | 3,984.99 | 1/2 | 4,203.74 | 1/2 | 4,421.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,550.32 | 3/4 | 3,770.61 | 3/4 | 3,989.55 | 3/4 | 4,208.30 | 3/4 | 4,425.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,555.35 | 2 | 3,775.18 | 2 | 3,994.11 | 2 | 4,212.86 | 2 | 4,430.32 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,560.04 | 1/4 | 3,779.75 | 1/4 | 3,998.67 | 1/4 | 4,217.42 | 1/4 | 4,434.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,564.73 | 1/2 | 3,784.32 | 1/2 | 4,003.22 | 1/2 | 4,221.97 | 1/2 | 4,438.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,569.41 | 3/4 | 3,788.89 | 3/4 | 4,007.78 | 3/4 | 4,226.53 | 3/4 | 4,442.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,574.10 | 3 | 3,793.46 | 3 | 4,012.34 | 3 | 4,231.09 | 3 | 4,447.14 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,578.67 | 1/4 | 3,798.03 | 1/4 | 4,016.90 | 1/4 | 4,235.65 | 1/4 | 4,450.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,583.24 | 1/2 | 3,802.60 | 1/2 | 4,021.45 | 1/2 | 4,240.20 | 1/2 | 4,454.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,587.81 | 3/4 | 3,807.17 | 3/4 | 4,026.01 | 3/4 | 4,244.76 | 3/4 | 4,457.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,592.38 | 4 | 3,811.74 | 4 | 4,030.57 | 4 | 4,249.32 | 4 | 4,461.39 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,596.95 | 1/4 | 3,816.31 | 1/4 | 4,035.12 | 1/4 | 4,253.87 | 1/4 | 4,464.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,601.52 | 1/2 | 3,820.88 | 1/2 | 4,039.68 | 1/2 | 4,258.43 | 1/2 | 4,466.99 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,606.09 | 3/4 | 3,825.45 | 3/4 | 4,044.24 | 3/4 | 4,262.99 | 3/4 | 4,469.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,610.66 | 5 | 3,830.02 | 5 | 4,048.80 | 5 | 4,267.55 | 5 | 4,472.58 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,615.23 | 1/4 | 3,834.59 | 1/4 | 4,053.35 | 1/4 | 4,272.10 | 1/4 | 4,474.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,619.80 | 1/2 | 3,839.15 | 1/2 | 4,057.91 | 1/2 | 4,276.66 | 1/2 | 4,476.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,624.37 | 3/4 | 3,843.71 | 3/4 | 4,062.47 | 3/4 | 4,281.22 | 3/4 | 4,478.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,628.94 | 6 | 3,848.27 | 6 | 4,067.03 | 6 | 4,285.78 | 6 | 4,480.73 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,633.51 | 1/4 | 3,852.83 | 1/4 | 4,071.58 | 1/4 | 4,290.33 | 1/4 | 4,482.01 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,638.08 | 1/2 | 3,857.39 | 1/2 | 4,076.14 | 1/2 | 4,294.89 | 1/2 | 4,483.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,642.65 | 3/4 | 3,861.95 | 3/4 | 4,080.70 | 3/4 | 4,299.45 | 3/4 | 4,484.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,647.22 | 7 | 3,866.50 | 7 | 4,085.25 | 7 | 4,304.00 | 7 | 4,485.84 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,651.79 | 1/4 | 3,871.06 | 1/4 | 4,089.81 | 1/4 | 4,308.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,656.36 | 1/2 | 3,875.62 | 1/2 | 4,094.37 | 1/2 | 4,313.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,660.93 | 3/4 | 3,880.18 | 3/4 | 4,098.93 | 3/4 | 4,317.61 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,665.50 | 8 | 3,884.73 | 8 | 4,103.48 | 8 | 4,322.14 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,670.07 | 1/4 | 3,889.29 | 1/4 | 4,108.04 | 1/4 | 4,326.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,674.64 | 1/2 | 3,893.85 | 1/2 | 4,112.60 | 1/2 | 4,331.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,679.21 | 3/4 | 3,898.41 | 3/4 | 4,117.16 | 3/4 | 4,335.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,683.78 | 9 | 3,902.96 | 9 | 4,121.71 | 9 | 4,340.19 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,688.35 | 1/4 | 3,907.52 | 1/4 | 4,126.27 | 1/4 | 4,344.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,692.92 | 1/2 | 3,912.08 | 1/2 | 4,130.83 | 1/2 | 4,349.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,697.49 | 3/4 | 3,916.63 | 3/4 | 4,135.38 | 3/4 | 4,353.72 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,702.06 | 10 | 3,921.19 | 10 | 4,139.94 | 10 | 4,358.24 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,706.63 | 1/4 | 3,925.75 | 1/4 | 4,144.50 | 1/4 | 4,362.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,711.20 | 1/2 | 3,930.31 | 1/2 | 4,149.06 | 1/2 | 4,367.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,715.77 | 3/4 | 3,934.86 | 3/4 | 4,153.61 | 3/4 | 4,371.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,720.34 | 11 | 3,939.42 | 11 | 4,158.17 | 11 | 4,376.29 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,724.91 | 1/4 | 3,943.98 | 1/4 | 4,162.73 | 1/4 | 4,380.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,729.48 | 1/2 | 3,948.54 | 1/2 | 4,167.29 | 1/2 | 4,385.31 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,734.05 | 3/4 | 3,953.09 | 3/4 | 4,171.84 | 3/4 | 4,389.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

INNAGE (HERMETIC)

| | 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 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 1 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 2 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 |
| 2 STBD | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 |
| 3 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 3 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 7, 2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29142"

1 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.28 | 0 | 303.51 | 0 | 652.83 | 0 | 1,008.93 | 0 | 1,366.18 | 0 | 1,724.13 | 0 | 2,082.07 | 0 | 2,440.02 | 0 | 2,797.91 | 0 | 3,155.76 |
| 1/4 | 18.32 | 1/4 | 310.40 | 1/4 | 660.29 | 1/4 | 1,016.32 | 1/4 | 1,373.64 | 1/4 | 1,731.59 | 1/4 | 2,089.53 | 1/4 | 2,447.48 | 1/4 | 2,805.36 | 1/4 | 3,163.21 |
| 1/2 | 21.36 | 1/2 | 317.29 | 1/2 | 667.75 | 1/2 | 1,023.72 | 1/2 | 1,381.10 | 1/2 | 1,739.04 | 1/2 | 2,096.99 | 1/2 | 2,454.93 | 1/2 | 2,812.82 | 1/2 | 3,170.67 |
| 3/4 | 24.40 | 3/4 | 324.18 | 3/4 | 675.20 | 3/4 | 1,031.12 | 3/4 | 1,388.55 | 3/4 | 1,746.50 | 3/4 | 2,104.45 | 3/4 | 2,462.39 | 3/4 | 2,820.28 | 3/4 | 3,178.12 |
| 1 | 27.45 | 1 | 331.06 | 1 | 682.66 | 1 | 1,038.52 | 1 | 1,396.01 | 1 | 1,753.96 | 1 | 2,111.90 | 1 | 2,469.85 | 1 | 2,827.73 | 1 | 3,185.58 |
| 1/4 | 32.44 | 1/4 | 338.04 | 1/4 | 690.12 | 1/4 | 1,045.93 | 1/4 | 1,403.47 | 1/4 | 1,761.41 | 1/4 | 2,119.36 | 1/4 | 2,477.31 | 1/4 | 2,835.19 | 1/4 | 3,193.04 |
| 1/2 | 37.43 | 1/2 | 345.02 | 1/2 | 697.58 | 1/2 | 1,053.33 | 1/2 | 1,410.93 | 1/2 | 1,768.87 | 1/2 | 2,126.82 | 1/2 | 2,484.76 | 1/2 | 2,842.64 | 1/2 | 3,200.49 |
| 3/4 | 42.42 | 3/4 | 351.99 | 3/4 | 705.03 | 3/4 | 1,060.74 | 3/4 | 1,418.38 | 3/4 | 1,776.33 | 3/4 | 2,134.27 | 3/4 | 2,492.22 | 3/4 | 2,850.10 | 3/4 | 3,207.95 |
| 2 | 47.42 | 2 | 358.97 | 2 | 712.49 | 2 | 1,068.15 | 2 | 1,425.84 | 2 | 1,783.79 | 2 | 2,141.73 | 2 | 2,499.68 | 2 | 2,857.55 | 2 | 3,215.40 |
| 1/4 | 53.39 | 1/4 | 366.03 | 1/4 | 719.95 | 1/4 | 1,075.57 | 1/4 | 1,433.30 | 1/4 | 1,791.24 | 1/4 | 2,149.19 | 1/4 | 2,507.13 | 1/4 | 2,865.01 | 1/4 | 3,222.86 |
| 1/2 | 59.37 | 1/2 | 373.09 | 1/2 | 727.40 | 1/2 | 1,083.00 | 1/2 | 1,440.76 | 1/2 | 1,798.70 | 1/2 | 2,156.65 | 1/2 | 2,514.59 | 1/2 | 2,872.46 | 1/2 | 3,230.31 |
| 3/4 | 65.35 | 3/4 | 380.16 | 3/4 | 734.86 | 3/4 | 1,090.42 | 3/4 | 1,448.21 | 3/4 | 1,806.16 | 3/4 | 2,164.10 | 3/4 | 2,522.05 | 3/4 | 2,879.92 | 3/4 | 3,237.77 |
| 3 | 71.33 | 3 | 387.22 | 3 | 742.32 | 3 | 1,097.85 | 3 | 1,455.67 | 3 | 1,813.62 | 3 | 2,171.56 | 3 | 2,529.51 | 3 | 2,887.37 | 3 | 3,245.22 |
| 1/4 | 77.42 | 1/4 | 394.37 | 1/4 | 749.77 | 1/4 | 1,105.28 | 1/4 | 1,463.13 | 1/4 | 1,821.07 | 1/4 | 2,179.02 | 1/4 | 2,536.96 | 1/4 | 2,894.83 | 1/4 | 3,252.68 |
| 1/2 | 83.51 | 1/2 | 401.52 | 1/2 | 757.23 | 1/2 | 1,112.70 | 1/2 | 1,470.58 | 1/2 | 1,828.53 | 1/2 | 2,186.48 | 1/2 | 2,544.42 | 1/2 | 2,902.28 | 1/2 | 3,260.13 |
| 3/4 | 89.60 | 3/4 | 408.67 | 3/4 | 764.69 | 3/4 | 1,120.13 | 3/4 | 1,478.04 | 3/4 | 1,835.99 | 3/4 | 2,193.93 | 3/4 | 2,551.88 | 3/4 | 2,909.74 | 3/4 | 3,267.59 |
| 4 | 95.69 | 4 | 415.83 | 4 | 772.15 | 4 | 1,127.55 | 4 | 1,485.50 | 4 | 1,843.44 | 4 | 2,201.39 | 4 | 2,559.34 | 4 | 2,917.19 | 4 | 3,275.04 |
| 1/4 | 101.87 | 1/4 | 423.06 | 1/4 | 779.55 | 1/4 | 1,135.01 | 1/4 | 1,492.96 | 1/4 | 1,850.90 | 1/4 | 2,208.85 | 1/4 | 2,566.79 | 1/4 | 2,924.65 | 1/4 | 3,282.50 |
| 1/2 | 108.06 | 1/2 | 430.30 | 1/2 | 786.96 | 1/2 | 1,142.47 | 1/2 | 1,500.41 | 1/2 | 1,858.36 | 1/2 | 2,216.30 | 1/2 | 2,574.25 | 1/2 | 2,932.10 | 1/2 | 3,289.95 |
| 3/4 | 114.25 | 3/4 | 437.54 | 3/4 | 794.37 | 3/4 | 1,149.92 | 3/4 | 1,507.87 | 3/4 | 1,865.82 | 3/4 | 2,223.76 | 3/4 | 2,581.71 | 3/4 | 2,939.56 | 3/4 | 3,297.41 |
| 5 | 120.44 | 5 | 444.78 | 5 | 801.77 | 5 | 1,157.38 | 5 | 1,515.33 | 5 | 1,873.27 | 5 | 2,231.22 | 5 | 2,589.16 | 5 | 2,947.01 | 5 | 3,304.86 |
| 1/4 | 126.71 | 1/4 | 452.11 | 1/4 | 809.17 | 1/4 | 1,164.84 | 1/4 | 1,522.78 | 1/4 | 1,880.73 | 1/4 | 2,238.68 | 1/4 | 2,596.62 | 1/4 | 2,954.47 | 1/4 | 3,312.32 |
| 1/2 | 132.99 | 1/2 | 459.43 | 1/2 | 816.57 | 1/2 | 1,172.30 | 1/2 | 1,530.24 | 1/2 | 1,888.19 | 1/2 | 2,246.13 | 1/2 | 2,604.07 | 1/2 | 2,961.92 | 1/2 | 3,319.77 |
| 3/4 | 139.26 | 3/4 | 466.76 | 3/4 | 823.97 | 3/4 | 1,179.75 | 3/4 | 1,537.70 | 3/4 | 1,895.64 | 3/4 | 2,253.59 | 3/4 | 2,611.53 | 3/4 | 2,969.38 | 3/4 | 3,327.23 |
| 6 | 145.54 | 6 | 474.08 | 6 | 831.37 | 6 | 1,187.21 | 6 | 1,545.16 | 6 | 1,903.10 | 6 | 2,261.05 | 6 | 2,618.98 | 6 | 2,976.83 | 6 | 3,334.68 |
| 1/4 | 151.90 | 1/4 | 481.50 | 1/4 | 838.76 | 1/4 | 1,194.67 | 1/4 | 1,552.61 | 1/4 | 1,910.56 | 1/4 | 2,268.50 | 1/4 | 2,626.44 | 1/4 | 2,984.29 | 1/4 | 3,342.14 |
| 1/2 | 158.27 | 1/2 | 488.91 | 1/2 | 846.16 | 1/2 | 1,202.12 | 1/2 | 1,560.07 | 1/2 | 1,918.02 | 1/2 | 2,275.96 | 1/2 | 2,633.90 | 1/2 | 2,991.74 | 1/2 | 3,349.59 |
| 3/4 | 164.63 | 3/4 | 496.32 | 3/4 | 853.56 | 3/4 | 1,209.58 | 3/4 | 1,567.53 | 3/4 | 1,925.47 | 3/4 | 2,283.42 | 3/4 | 2,641.35 | 3/4 | 2,999.20 | 3/4 | 3,357.05 |
| 7 | 170.99 | 7 | 503.74 | 7 | 860.96 | 7 | 1,217.04 | 7 | 1,574.98 | 7 | 1,932.93 | 7 | 2,290.88 | 7 | 2,648.81 | 7 | 3,006.66 | 7 | 3,364.50 |
| 1/4 | 177.44 | 1/4 | 511.19 | 1/4 | 868.36 | 1/4 | 1,224.50 | 1/4 | 1,582.44 | 1/4 | 1,940.39 | 1/4 | 2,298.33 | 1/4 | 2,656.26 | 1/4 | 3,014.11 | 1/4 | 3,371.96 |
| 1/2 | 183.89 | 1/2 | 518.65 | 1/2 | 875.76 | 1/2 | 1,231.95 | 1/2 | 1,589.90 | 1/2 | 1,947.84 | 1/2 | 2,305.79 | 1/2 | 2,663.72 | 1/2 | 3,021.57 | 1/2 | 3,379.42 |
| 3/4 | 190.35 | 3/4 | 526.11 | 3/4 | 883.15 | 3/4 | 1,239.41 | 3/4 | 1,597.36 | 3/4 | 1,955.30 | 3/4 | 2,313.25 | 3/4 | 2,671.17 | 3/4 | 3,029.02 | 3/4 | 3,386.87 |
| 8 | 196.80 | 8 | 533.56 | 8 | 890.55 | 8 | 1,246.87 | 8 | 1,604.81 | 8 | 1,962.76 | 8 | 2,320.70 | 8 | 2,678.63 | 8 | 3,036.48 | 8 | 3,394.33 |
| 1/4 | 203.33 | 1/4 | 541.02 | 1/4 | 897.95 | 1/4 | 1,254.33 | 1/4 | 1,612.27 | 1/4 | 1,970.22 | 1/4 | 2,328.16 | 1/4 | 2,686.08 | 1/4 | 3,043.93 | 1/4 | 3,401.78 |
| 1/2 | 209.87 | 1/2 | 548.47 | 1/2 | 905.35 | 1/2 | 1,261.78 | 1/2 | 1,619.73 | 1/2 | 1,977.67 | 1/2 | 2,335.62 | 1/2 | 2,693.54 | 1/2 | 3,051.39 | 1/2 | 3,409.24 |
| 3/4 | 216.41 | 3/4 | 555.92 | 3/4 | 912.75 | 3/4 | 1,269.24 | 3/4 | 1,627.19 | 3/4 | 1,985.13 | 3/4 | 2,343.08 | 3/4 | 2,700.99 | 3/4 | 3,058.84 | 3/4 | 3,416.69 |
| 9 | 222.95 | 9 | 563.37 | 9 | 920.15 | 9 | 1,276.70 | 9 | 1,634.64 | 9 | 1,992.59 | 9 | 2,350.53 | 9 | 2,708.45 | 9 | 3,066.30 | 9 | 3,424.15 |
| 1/4 | 229.58 | 1/4 | 570.82 | 1/4 | 927.54 | 1/4 | 1,284.15 | 1/4 | 1,642.10 | 1/4 | 2,000.05 | 1/4 | 2,357.99 | 1/4 | 2,715.90 | 1/4 | 3,073.75 | 1/4 | 3,431.60 |
| 1/2 | 236.20 | 1/2 | 578.27 | 1/2 | 934.94 | 1/2 | 1,291.61 | 1/2 | 1,649.56 | 1/2 | 2,007.50 | 1/2 | 2,365.45 | 1/2 | 2,723.36 | 1/2 | 3,081.21 | 1/2 | 3,439.06 |
| 3/4 | 242.83 | 3/4 | 585.73 | 3/4 | 942.34 | 3/4 | 1,299.07 | 3/4 | 1,657.01 | 3/4 | 2,014.96 | 3/4 | 2,372.91 | 3/4 | 2,730.81 | 3/4 | 3,088.66 | 3/4 | 3,446.51 |
| 10 | 249.45 | 10 | 593.18 | 10 | 949.74 | 10 | 1,306.53 | 10 | 1,664.47 | 10 | 2,022.42 | 10 | 2,380.36 | 10 | 2,738.27 | 10 | 3,096.12 | 10 | 3,453.97 |
| 1/4 | 256.17 | 1/4 | 600.63 | 1/4 | 957.14 | 1/4 | 1,313.98 | 1/4 | 1,671.93 | 1/4 | 2,029.87 | 1/4 | 2,387.82 | 1/4 | 2,745.72 | 1/4 | 3,103.57 | 1/4 | 3,461.42 |
| 1/2 | 262.88 | 1/2 | 608.09 | 1/2 | 964.54 | 1/2 | 1,321.44 | 1/2 | 1,679.39 | 1/2 | 2,037.33 | 1/2 | 2,395.28 | 1/2 | 2,753.18 | 1/2 | 3,111.03 | 1/2 | 3,468.88 |
| 3/4 | 269.59 | 3/4 | 615.55 | 3/4 | 971.93 | 3/4 | 1,328.90 | 3/4 | 1,686.84 | 3/4 | 2,044.79 | 3/4 | 2,402.73 | 3/4 | 2,760.63 | 3/4 | 3,118.48 | 3/4 | 3,476.33 |
| 11 | 276.31 | 11 | 623.01 | 11 | 979.33 | 11 | 1,336.35 | 11 | 1,694.30 | 11 | 2,052.25 | 11 | 2,410.19 | 11 | 2,768.09 | 11 | 3,125.94 | 11 | 3,483.79 |
| 1/4 | 283.11 | 1/4 | 630.46 | 1/4 | 986.73 | 1/4 | 1,343.81 | 1/4 | 1,701.76 | 1/4 | 2,059.70 | 1/4 | 2,417.65 | 1/4 | 2,775.54 | 1/4 | 3,133.39 | 1/4 | 3,491.24 |
| 1/2 | 289.91 | 1/2 | 637.92 | 1/2 | 994.13 | 1/2 | 1,351.27 | 1/2 | 1,709.21 | 1/2 | 2,067.16 | 1/2 | 2,425.11 | 1/2 | 2,783.00 | 1/2 | 3,140.85 | 1/2 | 3,498.70 |
| 3/4 | 296.71 | 3/4 | 645.38 | 3/4 | 1,001.53 | 3/4 | 1,358.73 | 3/4 | 1,716.67 | 3/4 | 2,074.62 | 3/4 | 2,432.56 | 3/4 | 2,790.45 | 3/4 | 3,148.30 | 3/4 | 3,506.15 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29142"

1 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,513.61 | 0 | 3,871.46 | 0 | 4,228.61 | 0 | 4,585.41 | 0 | 4,940.39 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,521.06 | 1/4 | 3,878.91 | 1/4 | 4,236.04 | 1/4 | 4,592.84 | 1/4 | 4,947.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,528.52 | 1/2 | 3,886.37 | 1/2 | 4,243.47 | 1/2 | 4,600.27 | 1/2 | 4,954.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,535.97 | 3/4 | 3,893.82 | 3/4 | 4,250.91 | 3/4 | 4,607.71 | 3/4 | 4,962.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,543.43 | 1 | 3,901.28 | 1 | 4,258.34 | 1 | 4,615.14 | 1 | 4,969.56 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,550.88 | 1/4 | 3,908.73 | 1/4 | 4,265.77 | 1/4 | 4,622.57 | 1/4 | 4,975.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,558.34 | 1/2 | 3,916.19 | 1/2 | 4,273.21 | 1/2 | 4,630.01 | 1/2 | 4,982.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,565.80 | 3/4 | 3,923.64 | 3/4 | 4,280.64 | 3/4 | 4,637.44 | 3/4 | 4,988.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,573.25 | 2 | 3,931.10 | 2 | 4,288.07 | 2 | 4,644.87 | 2 | 4,995.27 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,580.71 | 1/4 | 3,938.56 | 1/4 | 4,295.51 | 1/4 | 4,652.31 | 1/4 | 5,000.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,588.16 | 1/2 | 3,946.01 | 1/2 | 4,302.94 | 1/2 | 4,659.74 | 1/2 | 5,005.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,595.62 | 3/4 | 3,953.47 | 3/4 | 4,310.37 | 3/4 | 4,667.17 | 3/4 | 5,010.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,603.07 | 3 | 3,960.92 | 3 | 4,317.81 | 3 | 4,674.61 | 3 | 5,016.02 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,610.53 | 1/4 | 3,968.38 | 1/4 | 4,325.24 | 1/4 | 4,682.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,617.98 | 1/2 | 3,975.83 | 1/2 | 4,332.67 | 1/2 | 4,689.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,625.44 | 3/4 | 3,983.29 | 3/4 | 4,340.11 | 3/4 | 4,696.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,632.89 | 4 | 3,990.74 | 4 | 4,347.54 | 4 | 4,704.34 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,640.35 | 1/4 | 3,998.17 | 1/4 | 4,354.97 | 1/4 | 4,711.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,647.80 | 1/2 | 4,005.61 | 1/2 | 4,362.41 | 1/2 | 4,719.20 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,655.26 | 3/4 | 4,013.04 | 3/4 | 4,369.84 | 3/4 | 4,726.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,662.71 | 5 | 4,020.47 | 5 | 4,377.27 | 5 | 4,734.07 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,670.17 | 1/4 | 4,027.91 | 1/4 | 4,384.71 | 1/4 | 4,741.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,677.62 | 1/2 | 4,035.34 | 1/2 | 4,392.14 | 1/2 | 4,748.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,685.08 | 3/4 | 4,042.77 | 3/4 | 4,399.57 | 3/4 | 4,756.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,692.53 | 6 | 4,050.21 | 6 | 4,407.01 | 6 | 4,763.80 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,699.99 | 1/4 | 4,057.64 | 1/4 | 4,414.44 | 1/4 | 4,771.16 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,707.44 | 1/2 | 4,065.07 | 1/2 | 4,421.87 | 1/2 | 4,778.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,714.90 | 3/4 | 4,072.51 | 3/4 | 4,429.31 | 3/4 | 4,785.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,722.35 | 7 | 4,079.94 | 7 | 4,436.74 | 7 | 4,793.24 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,729.81 | 1/4 | 4,087.37 | 1/4 | 4,444.17 | 1/4 | 4,800.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,737.26 | 1/2 | 4,094.81 | 1/2 | 4,451.61 | 1/2 | 4,807.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,744.72 | 3/4 | 4,102.24 | 3/4 | 4,459.04 | 3/4 | 4,815.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,752.18 | 8 | 4,109.67 | 8 | 4,466.47 | 8 | 4,822.68 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,759.63 | 1/4 | 4,117.11 | 1/4 | 4,473.91 | 1/4 | 4,830.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,767.09 | 1/2 | 4,124.54 | 1/2 | 4,481.34 | 1/2 | 4,837.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,774.54 | 3/4 | 4,131.97 | 3/4 | 4,488.77 | 3/4 | 4,844.76 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,782.00 | 9 | 4,139.41 | 9 | 4,496.21 | 9 | 4,852.12 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,789.45 | 1/4 | 4,146.84 | 1/4 | 4,503.64 | 1/4 | 4,859.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,796.91 | 1/2 | 4,154.27 | 1/2 | 4,511.07 | 1/2 | 4,866.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,804.36 | 3/4 | 4,161.71 | 3/4 | 4,518.51 | 3/4 | 4,874.21 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,811.82 | 10 | 4,169.14 | 10 | 4,525.94 | 10 | 4,881.57 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,819.27 | 1/4 | 4,176.57 | 1/4 | 4,533.37 | 1/4 | 4,888.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,826.73 | 1/2 | 4,184.01 | 1/2 | 4,540.81 | 1/2 | 4,896.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,834.18 | 3/4 | 4,191.44 | 3/4 | 4,548.24 | 3/4 | 4,903.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,841.64 | 11 | 4,198.87 | 11 | 4,555.67 | 11 | 4,911.00 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,849.09 | 1/4 | 4,206.31 | 1/4 | 4,563.11 | 1/4 | 4,918.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,856.55 | 1/2 | 4,213.74 | 1/2 | 4,570.54 | 1/2 | 4,925.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,864.00 | 3/4 | 4,221.17 | 3/4 | 4,577.97 | 3/4 | 4,933.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

1 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.27 | 0 | 303.34 | 0 | 652.53 | 0 | 1,009.91 | 0 | 1,367.57 | 0 | 1,725.34 | 0 | 2,083.11 | 0 | 2,440.88 | 0 | 2,798.59 | 0 | 3,156.26 |
| 1/4 | 18.31 | 1/4 | 310.22 | 1/4 | 659.99 | 1/4 | 1,017.34 | 1/4 | 1,375.03 | 1/4 | 1,732.79 | 1/4 | 2,090.56 | 1/4 | 2,448.33 | 1/4 | 2,806.04 | 1/4 | 3,163.71 |
| 1/2 | 21.35 | 1/2 | 317.11 | 1/2 | 667.44 | 1/2 | 1,024.78 | 1/2 | 1,382.48 | 1/2 | 1,740.25 | 1/2 | 2,098.02 | 1/2 | 2,455.78 | 1/2 | 2,813.49 | 1/2 | 3,171.16 |
| 3/4 | 24.39 | 3/4 | 323.99 | 3/4 | 674.89 | 3/4 | 1,032.22 | 3/4 | 1,389.93 | 3/4 | 1,747.70 | 3/4 | 2,105.47 | 3/4 | 2,463.24 | 3/4 | 2,820.94 | 3/4 | 3,178.61 |
| 1 | 27.43 | 1 | 330.88 | 1 | 682.35 | 1 | 1,039.66 | 1 | 1,397.39 | 1 | 1,755.15 | 1 | 2,112.92 | 1 | 2,470.69 | 1 | 2,828.39 | 1 | 3,186.07 |
| 1/4 | 32.42 | 1/4 | 337.85 | 1/4 | 689.80 | 1/4 | 1,047.11 | 1/4 | 1,404.84 | 1/4 | 1,762.61 | 1/4 | 2,120.38 | 1/4 | 2,478.14 | 1/4 | 2,835.85 | 1/4 | 3,193.52 |
| 1/2 | 37.41 | 1/2 | 344.82 | 1/2 | 697.25 | 1/2 | 1,054.56 | 1/2 | 1,412.29 | 1/2 | 1,770.06 | 1/2 | 2,127.83 | 1/2 | 2,485.60 | 1/2 | 2,843.30 | 1/2 | 3,200.97 |
| 3/4 | 42.40 | 3/4 | 351.79 | 3/4 | 704.71 | 3/4 | 1,062.01 | 3/4 | 1,419.75 | 3/4 | 1,777.51 | 3/4 | 2,135.28 | 3/4 | 2,493.05 | 3/4 | 2,850.75 | 3/4 | 3,208.42 |
| 2 | 47.39 | 2 | 358.77 | 2 | 712.16 | 2 | 1,069.45 | 2 | 1,427.20 | 2 | 1,784.97 | 2 | 2,142.74 | 2 | 2,500.50 | 2 | 2,858.20 | 2 | 3,215.87 |
| 1/4 | 53.36 | 1/4 | 365.83 | 1/4 | 719.61 | 1/4 | 1,076.90 | 1/4 | 1,434.65 | 1/4 | 1,792.42 | 1/4 | 2,150.19 | 1/4 | 2,507.96 | 1/4 | 2,865.65 | 1/4 | 3,223.32 |
| 1/2 | 59.34 | 1/2 | 372.89 | 1/2 | 727.07 | 1/2 | 1,084.35 | 1/2 | 1,442.11 | 1/2 | 1,799.88 | 1/2 | 2,157.64 | 1/2 | 2,515.41 | 1/2 | 2,873.10 | 1/2 | 3,230.78 |
| 3/4 | 65.31 | 3/4 | 379.95 | 3/4 | 734.52 | 3/4 | 1,091.80 | 3/4 | 1,449.56 | 3/4 | 1,807.33 | 3/4 | 2,165.10 | 3/4 | 2,522.86 | 3/4 | 2,880.55 | 3/4 | 3,238.23 |
| 3 | 71.28 | 3 | 387.01 | 3 | 741.97 | 3 | 1,099.25 | 3 | 1,457.01 | 3 | 1,814.78 | 3 | 2,172.55 | 3 | 2,530.32 | 3 | 2,888.01 | 3 | 3,245.68 |
| 1/4 | 77.37 | 1/4 | 394.15 | 1/4 | 749.43 | 1/4 | 1,106.70 | 1/4 | 1,464.47 | 1/4 | 1,822.24 | 1/4 | 2,180.00 | 1/4 | 2,537.77 | 1/4 | 2,895.46 | 1/4 | 3,253.13 |
| 1/2 | 83.46 | 1/2 | 401.30 | 1/2 | 756.88 | 1/2 | 1,114.15 | 1/2 | 1,471.92 | 1/2 | 1,829.69 | 1/2 | 2,187.46 | 1/2 | 2,545.23 | 1/2 | 2,902.91 | 1/2 | 3,260.58 |
| 3/4 | 89.54 | 3/4 | 408.45 | 3/4 | 764.33 | 3/4 | 1,121.61 | 3/4 | 1,479.37 | 3/4 | 1,837.14 | 3/4 | 2,194.91 | 3/4 | 2,552.68 | 3/4 | 2,910.36 | 3/4 | 3,268.03 |
| 4 | 95.63 | 4 | 415.59 | 4 | 771.79 | 4 | 1,129.06 | 4 | 1,486.83 | 4 | 1,844.60 | 4 | 2,202.36 | 4 | 2,560.13 | 4 | 2,917.81 | 4 | 3,275.48 |
| 1/4 | 101.81 | 1/4 | 422.83 | 1/4 | 779.24 | 1/4 | 1,136.51 | 1/4 | 1,494.28 | 1/4 | 1,852.05 | 1/4 | 2,209.82 | 1/4 | 2,567.59 | 1/4 | 2,925.26 | 1/4 | 3,282.94 |
| 1/2 | 108.00 | 1/2 | 430.06 | 1/2 | 786.69 | 1/2 | 1,143.97 | 1/2 | 1,501.74 | 1/2 | 1,859.50 | 1/2 | 2,217.27 | 1/2 | 2,575.04 | 1/2 | 2,932.72 | 1/2 | 3,290.39 |
| 3/4 | 114.18 | 3/4 | 437.30 | 3/4 | 794.15 | 3/4 | 1,151.42 | 3/4 | 1,509.19 | 3/4 | 1,866.96 | 3/4 | 2,224.72 | 3/4 | 2,582.49 | 3/4 | 2,940.17 | 3/4 | 3,297.84 |
| 5 | 120.36 | 5 | 444.53 | 5 | 801.60 | 5 | 1,158.87 | 5 | 1,516.64 | 5 | 1,874.41 | 5 | 2,232.18 | 5 | 2,589.95 | 5 | 2,947.62 | 5 | 3,305.29 |
| 1/4 | 126.64 | 1/4 | 451.86 | 1/4 | 809.04 | 1/4 | 1,166.33 | 1/4 | 1,524.10 | 1/4 | 1,881.86 | 1/4 | 2,239.63 | 1/4 | 2,597.40 | 1/4 | 2,955.07 | 1/4 | 3,312.74 |
| 1/2 | 132.91 | 1/2 | 459.18 | 1/2 | 816.48 | 1/2 | 1,173.78 | 1/2 | 1,531.55 | 1/2 | 1,889.32 | 1/2 | 2,247.09 | 1/2 | 2,604.85 | 1/2 | 2,962.52 | 1/2 | 3,320.19 |
| 3/4 | 139.18 | 3/4 | 466.50 | 3/4 | 823.92 | 3/4 | 1,181.23 | 3/4 | 1,539.00 | 3/4 | 1,896.77 | 3/4 | 2,254.54 | 3/4 | 2,612.30 | 3/4 | 2,969.97 | 3/4 | 3,327.64 |
| 6 | 145.45 | 6 | 473.82 | 6 | 831.36 | 6 | 1,188.69 | 6 | 1,546.46 | 6 | 1,904.22 | 6 | 2,261.99 | 6 | 2,619.75 | 6 | 2,977.42 | 6 | 3,335.10 |
| 1/4 | 151.81 | 1/4 | 481.23 | 1/4 | 838.80 | 1/4 | 1,196.14 | 1/4 | 1,553.91 | 1/4 | 1,911.68 | 1/4 | 2,269.45 | 1/4 | 2,627.20 | 1/4 | 2,984.88 | 1/4 | 3,342.55 |
| 1/2 | 158.17 | 1/2 | 488.64 | 1/2 | 846.24 | 1/2 | 1,203.60 | 1/2 | 1,561.36 | 1/2 | 1,919.13 | 1/2 | 2,276.90 | 1/2 | 2,634.66 | 1/2 | 2,992.33 | 1/2 | 3,350.00 |
| 3/4 | 164.53 | 3/4 | 496.05 | 3/4 | 853.68 | 3/4 | 1,211.05 | 3/4 | 1,568.82 | 3/4 | 1,926.58 | 3/4 | 2,284.35 | 3/4 | 2,642.11 | 3/4 | 2,999.78 | 3/4 | 3,357.45 |
| 7 | 170.89 | 7 | 503.46 | 7 | 861.12 | 7 | 1,218.50 | 7 | 1,576.27 | 7 | 1,934.04 | 7 | 2,291.81 | 7 | 2,649.56 | 7 | 3,007.23 | 7 | 3,364.90 |
| 1/4 | 177.34 | 1/4 | 510.92 | 1/4 | 868.56 | 1/4 | 1,225.96 | 1/4 | 1,583.72 | 1/4 | 1,941.49 | 1/4 | 2,299.26 | 1/4 | 2,657.01 | 1/4 | 3,014.68 | 1/4 | 3,372.35 |
| 1/2 | 183.79 | 1/2 | 518.37 | 1/2 | 876.00 | 1/2 | 1,233.41 | 1/2 | 1,591.18 | 1/2 | 1,948.95 | 1/2 | 2,306.71 | 1/2 | 2,664.46 | 1/2 | 3,022.13 | 1/2 | 3,379.81 |
| 3/4 | 190.23 | 3/4 | 525.82 | 3/4 | 883.44 | 3/4 | 1,240.86 | 3/4 | 1,598.63 | 3/4 | 1,956.40 | 3/4 | 2,314.17 | 3/4 | 2,671.91 | 3/4 | 3,029.58 | 3/4 | 3,387.26 |
| 8 | 196.68 | 8 | 533.28 | 8 | 890.87 | 8 | 1,248.32 | 8 | 1,606.08 | 8 | 1,963.85 | 8 | 2,321.62 | 8 | 2,679.36 | 8 | 3,037.04 | 8 | 3,394.71 |
| 1/4 | 203.22 | 1/4 | 540.73 | 1/4 | 898.31 | 1/4 | 1,255.77 | 1/4 | 1,613.54 | 1/4 | 1,971.31 | 1/4 | 2,329.07 | 1/4 | 2,686.82 | 1/4 | 3,044.49 | 1/4 | 3,402.16 |
| 1/2 | 209.75 | 1/2 | 548.18 | 1/2 | 905.75 | 1/2 | 1,263.22 | 1/2 | 1,620.99 | 1/2 | 1,978.76 | 1/2 | 2,336.53 | 1/2 | 2,694.27 | 1/2 | 3,051.94 | 1/2 | 3,409.61 |
| 3/4 | 216.29 | 3/4 | 555.64 | 3/4 | 913.19 | 3/4 | 1,270.68 | 3/4 | 1,628.44 | 3/4 | 1,986.21 | 3/4 | 2,343.98 | 3/4 | 2,701.72 | 3/4 | 3,059.39 | 3/4 | 3,417.06 |
| 9 | 222.82 | 9 | 563.09 | 9 | 920.63 | 9 | 1,278.13 | 9 | 1,635.90 | 9 | 1,993.67 | 9 | 2,351.43 | 9 | 2,709.17 | 9 | 3,066.84 | 9 | 3,424.51 |
| 1/4 | 229.44 | 1/4 | 570.54 | 1/4 | 928.07 | 1/4 | 1,285.58 | 1/4 | 1,643.35 | 1/4 | 2,001.12 | 1/4 | 2,358.89 | 1/4 | 2,716.62 | 1/4 | 3,074.29 | 1/4 | 3,431.97 |
| 1/2 | 236.07 | 1/2 | 578.00 | 1/2 | 935.51 | 1/2 | 1,293.04 | 1/2 | 1,650.81 | 1/2 | 2,008.57 | 1/2 | 2,366.34 | 1/2 | 2,724.07 | 1/2 | 3,081.75 | 1/2 | 3,439.42 |
| 3/4 | 242.69 | 3/4 | 585.45 | 3/4 | 942.95 | 3/4 | 1,300.49 | 3/4 | 1,658.26 | 3/4 | 2,016.03 | 3/4 | 2,373.79 | 3/4 | 2,731.52 | 3/4 | 3,089.20 | 3/4 | 3,446.87 |
| 10 | 249.31 | 10 | 592.90 | 10 | 950.39 | 10 | 1,307.94 | 10 | 1,665.71 | 10 | 2,023.48 | 10 | 2,381.25 | 10 | 2,738.98 | 10 | 3,096.65 | 10 | 3,454.32 |
| 1/4 | 256.02 | 1/4 | 600.36 | 1/4 | 957.83 | 1/4 | 1,315.40 | 1/4 | 1,673.17 | 1/4 | 2,030.93 | 1/4 | 2,388.70 | 1/4 | 2,746.43 | 1/4 | 3,104.10 | 1/4 | 3,461.77 |
| 1/2 | 262.73 | 1/2 | 607.81 | 1/2 | 965.27 | 1/2 | 1,322.85 | 1/2 | 1,680.62 | 1/2 | 2,038.39 | 1/2 | 2,396.16 | 1/2 | 2,753.88 | 1/2 | 3,111.55 | 1/2 | 3,469.22 |
| 3/4 | 269.44 | 3/4 | 615.26 | 3/4 | 972.71 | 3/4 | 1,330.30 | 3/4 | 1,688.07 | 3/4 | 2,045.84 | 3/4 | 2,403.61 | 3/4 | 2,761.33 | 3/4 | 3,119.00 | 3/4 | 3,476.67 |
| 11 | 276.15 | 11 | 622.72 | 11 | 980.15 | 11 | 1,337.76 | 11 | 1,695.53 | 11 | 2,053.29 | 11 | 2,411.06 | 11 | 2,768.78 | 11 | 3,126.45 | 11 | 3,484.13 |
| 1/4 | 282.95 | 1/4 | 630.17 | 1/4 | 987.59 | 1/4 | 1,345.21 | 1/4 | 1,702.98 | 1/4 | 2,060.75 | 1/4 | 2,418.52 | 1/4 | 2,776.23 | 1/4 | 3,133.91 | 1/4 | 3,491.58 |
| 1/2 | 289.74 | 1/2 | 637.62 | 1/2 | 995.03 | 1/2 | 1,352.67 | 1/2 | 1,710.43 | 1/2 | 2,068.20 | 1/2 | 2,425.97 | 1/2 | 2,783.69 | 1/2 | 3,141.36 | 1/2 | 3,499.03 |
| 3/4 | 296.54 | 3/4 | 645.08 | 3/4 | 1,002.47 | 3/4 | 1,360.12 | 3/4 | 1,717.89 | 3/4 | 2,075.65 | 3/4 | 2,433.42 | 3/4 | 2,791.14 | 3/4 | 3,148.81 | 3/4 | 3,506.48 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

1 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,513.93 | 0 | 3,871.60 | 0 | 4,228.58 | 0 | 4,585.20 | 0 | 4,940.00 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,521.38 | 1/4 | 3,879.06 | 1/4 | 4,236.00 | 1/4 | 4,592.63 | 1/4 | 4,947.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,528.84 | 1/2 | 3,886.51 | 1/2 | 4,243.43 | 1/2 | 4,600.06 | 1/2 | 4,954.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,536.29 | 3/4 | 3,893.96 | 3/4 | 4,250.86 | 3/4 | 4,607.48 | 3/4 | 4,961.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,543.74 | 1 | 3,901.41 | 1 | 4,258.29 | 1 | 4,614.91 | 1 | 4,969.15 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,551.19 | 1/4 | 3,908.86 | 1/4 | 4,265.72 | 1/4 | 4,622.34 | 1/4 | 4,975.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,558.64 | 1/2 | 3,916.31 | 1/2 | 4,273.15 | 1/2 | 4,629.77 | 1/2 | 4,982.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,566.09 | 3/4 | 3,923.76 | 3/4 | 4,280.58 | 3/4 | 4,637.20 | 3/4 | 4,988.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,573.54 | 2 | 3,931.22 | 2 | 4,288.01 | 2 | 4,644.63 | 2 | 4,994.86 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,581.00 | 1/4 | 3,938.67 | 1/4 | 4,295.44 | 1/4 | 4,652.06 | 1/4 | 5,000.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,588.45 | 1/2 | 3,946.12 | 1/2 | 4,302.87 | 1/2 | 4,659.49 | 1/2 | 5,005.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,595.90 | 3/4 | 3,953.57 | 3/4 | 4,310.30 | 3/4 | 4,666.92 | 3/4 | 5,010.41 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,603.35 | 3 | 3,961.02 | 3 | 4,317.73 | 3 | 4,674.35 | 3 | 5,015.59 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,610.80 | 1/4 | 3,968.47 | 1/4 | 4,325.16 | 1/4 | 4,681.78 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,618.25 | 1/2 | 3,975.93 | 1/2 | 4,332.59 | 1/2 | 4,689.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,625.70 | 3/4 | 3,983.38 | 3/4 | 4,340.02 | 3/4 | 4,696.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,633.16 | 4 | 3,990.83 | 4 | 4,347.45 | 4 | 4,704.07 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,640.61 | 1/4 | 3,998.26 | 1/4 | 4,354.88 | 1/4 | 4,711.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,648.06 | 1/2 | 4,005.69 | 1/2 | 4,362.31 | 1/2 | 4,718.93 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,655.51 | 3/4 | 4,013.12 | 3/4 | 4,369.74 | 3/4 | 4,726.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,662.96 | 5 | 4,020.55 | 5 | 4,377.17 | 5 | 4,733.79 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,670.41 | 1/4 | 4,027.98 | 1/4 | 4,384.60 | 1/4 | 4,741.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,677.87 | 1/2 | 4,035.41 | 1/2 | 4,392.03 | 1/2 | 4,748.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,685.32 | 3/4 | 4,042.84 | 3/4 | 4,399.46 | 3/4 | 4,756.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,692.77 | 6 | 4,050.26 | 6 | 4,406.89 | 6 | 4,763.51 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,700.22 | 1/4 | 4,057.69 | 1/4 | 4,414.32 | 1/4 | 4,770.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,707.67 | 1/2 | 4,065.12 | 1/2 | 4,421.74 | 1/2 | 4,778.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,715.12 | 3/4 | 4,072.55 | 3/4 | 4,429.17 | 3/4 | 4,785.58 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,722.57 | 7 | 4,079.98 | 7 | 4,436.60 | 7 | 4,792.93 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,730.03 | 1/4 | 4,087.41 | 1/4 | 4,444.03 | 1/4 | 4,800.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,737.48 | 1/2 | 4,094.84 | 1/2 | 4,451.46 | 1/2 | 4,807.64 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,744.93 | 3/4 | 4,102.27 | 3/4 | 4,458.89 | 3/4 | 4,815.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,752.38 | 8 | 4,109.70 | 8 | 4,466.32 | 8 | 4,822.36 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,759.83 | 1/4 | 4,117.13 | 1/4 | 4,473.75 | 1/4 | 4,829.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,767.28 | 1/2 | 4,124.56 | 1/2 | 4,481.18 | 1/2 | 4,837.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,774.73 | 3/4 | 4,131.99 | 3/4 | 4,488.61 | 3/4 | 4,844.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,782.19 | 9 | 4,139.42 | 9 | 4,496.04 | 9 | 4,851.78 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,789.64 | 1/4 | 4,146.85 | 1/4 | 4,503.47 | 1/4 | 4,859.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,797.09 | 1/2 | 4,154.28 | 1/2 | 4,510.90 | 1/2 | 4,866.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,804.54 | 3/4 | 4,161.71 | 3/4 | 4,518.33 | 3/4 | 4,873.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,811.99 | 10 | 4,169.14 | 10 | 4,525.76 | 10 | 4,881.21 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,819.44 | 1/4 | 4,176.57 | 1/4 | 4,533.19 | 1/4 | 4,888.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,826.90 | 1/2 | 4,184.00 | 1/2 | 4,540.62 | 1/2 | 4,895.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,834.35 | 3/4 | 4,191.43 | 3/4 | 4,548.05 | 3/4 | 4,903.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,841.80 | 11 | 4,198.86 | 11 | 4,555.48 | 11 | 4,910.63 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,849.25 | 1/4 | 4,206.29 | 1/4 | 4,562.91 | 1/4 | 4,917.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,856.70 | 1/2 | 4,213.72 | 1/2 | 4,570.34 | 1/2 | 4,925.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,864.15 | 3/4 | 4,221.15 | 3/4 | 4,577.77 | 3/4 | 4,932.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.32 | 0 | 358.98 | 0 | 717.79 | 0 | 1,066.88 | 0 | 1,420.95 | 0 | 1,779.77 | 0 | 2,138.58 | 0 | 2,497.40 | 0 | 2,856.21 | 0 | 3,215.03 |
| 1/4 | 19.99 | 1/4 | 366.45 | 1/4 | 725.27 | 1/4 | 1,074.05 | 1/4 | 1,428.43 | 1/4 | 1,787.24 | 1/4 | 2,146.06 | 1/4 | 2,504.87 | 1/4 | 2,863.69 | 1/4 | 3,222.50 |
| 1/2 | 24.66 | 1/2 | 373.93 | 1/2 | 732.74 | 1/2 | 1,081.22 | 1/2 | 1,435.91 | 1/2 | 1,794.72 | 1/2 | 2,153.53 | 1/2 | 2,512.35 | 1/2 | 2,871.16 | 1/2 | 3,229.98 |
| 3/4 | 29.33 | 3/4 | 381.40 | 3/4 | 740.22 | 3/4 | 1,088.39 | 3/4 | 1,443.38 | 3/4 | 1,802.19 | 3/4 | 2,161.01 | 3/4 | 2,519.82 | 3/4 | 2,878.64 | 3/4 | 3,237.45 |
| 1 | 34.00 | 1 | 388.88 | 1 | 747.69 | 1 | 1,095.56 | 1 | 1,450.86 | 1 | 1,809.67 | 1 | 2,168.48 | 1 | 2,527.30 | 1 | 2,886.11 | 1 | 3,244.93 |
| 1/4 | 40.54 | 1/4 | 396.36 | 1/4 | 755.17 | 1/4 | 1,102.73 | 1/4 | 1,458.33 | 1/4 | 1,817.15 | 1/4 | 2,175.96 | 1/4 | 2,534.77 | 1/4 | 2,893.59 | 1/4 | 3,252.40 |
| 1/2 | 47.08 | 1/2 | 403.83 | 1/2 | 762.64 | 1/2 | 1,109.91 | 1/2 | 1,465.81 | 1/2 | 1,824.62 | 1/2 | 2,183.44 | 1/2 | 2,542.25 | 1/2 | 2,901.06 | 1/2 | 3,259.88 |
| 3/4 | 53.62 | 3/4 | 411.31 | 3/4 | 770.12 | 3/4 | 1,117.09 | 3/4 | 1,473.28 | 3/4 | 1,832.10 | 3/4 | 2,190.91 | 3/4 | 2,549.72 | 3/4 | 2,908.54 | 3/4 | 3,267.35 |
| 2 | 60.16 | 2 | 418.78 | 2 | 777.60 | 2 | 1,124.27 | 2 | 1,480.76 | 2 | 1,839.57 | 2 | 2,198.39 | 2 | 2,557.20 | 2 | 2,916.01 | 2 | 3,274.83 |
| 1/4 | 67.60 | 1/4 | 426.26 | 1/4 | 785.07 | 1/4 | 1,131.44 | 1/4 | 1,488.23 | 1/4 | 1,847.05 | 1/4 | 2,205.86 | 1/4 | 2,564.68 | 1/4 | 2,923.49 | 1/4 | 3,282.30 |
| 1/2 | 75.04 | 1/2 | 433.73 | 1/2 | 792.55 | 1/2 | 1,138.62 | 1/2 | 1,495.71 | 1/2 | 1,854.52 | 1/2 | 2,213.34 | 1/2 | 2,572.15 | 1/2 | 2,930.97 | 1/2 | 3,289.78 |
| 3/4 | 82.48 | 3/4 | 441.21 | 3/4 | 800.02 | 3/4 | 1,145.80 | 3/4 | 1,503.18 | 3/4 | 1,862.00 | 3/4 | 2,220.81 | 3/4 | 2,579.63 | 3/4 | 2,938.44 | 3/4 | 3,297.25 |
| 3 | 89.92 | 3 | 448.68 | 3 | 807.50 | 3 | 1,152.97 | 3 | 1,510.66 | 3 | 1,869.47 | 3 | 2,228.29 | 3 | 2,587.10 | 3 | 2,945.92 | 3 | 3,304.73 |
| 1/4 | 97.38 | 1/4 | 456.16 | 1/4 | 814.97 | 1/4 | 1,160.17 | 1/4 | 1,518.13 | 1/4 | 1,876.95 | 1/4 | 2,235.76 | 1/4 | 2,594.58 | 1/4 | 2,953.39 | 1/4 | 3,312.21 |
| 1/2 | 104.85 | 1/2 | 463.63 | 1/2 | 822.45 | 1/2 | 1,167.36 | 1/2 | 1,525.61 | 1/2 | 1,884.42 | 1/2 | 2,243.24 | 1/2 | 2,602.05 | 1/2 | 2,960.87 | 1/2 | 3,319.68 |
| 3/4 | 112.31 | 3/4 | 471.11 | 3/4 | 829.92 | 3/4 | 1,174.55 | 3/4 | 1,533.08 | 3/4 | 1,891.90 | 3/4 | 2,250.71 | 3/4 | 2,609.53 | 3/4 | 2,968.34 | 3/4 | 3,327.16 |
| 4 | 119.78 | 4 | 478.58 | 4 | 837.40 | 4 | 1,181.74 | 4 | 1,540.56 | 4 | 1,899.37 | 4 | 2,258.19 | 4 | 2,617.00 | 4 | 2,975.82 | 4 | 3,334.63 |
| 1/4 | 127.25 | 1/4 | 486.06 | 1/4 | 844.59 | 1/4 | 1,189.22 | 1/4 | 1,548.03 | 1/4 | 1,906.85 | 1/4 | 2,265.66 | 1/4 | 2,624.48 | 1/4 | 2,983.29 | 1/4 | 3,342.11 |
| 1/2 | 134.72 | 1/2 | 493.53 | 1/2 | 851.78 | 1/2 | 1,196.70 | 1/2 | 1,555.51 | 1/2 | 1,914.32 | 1/2 | 2,273.14 | 1/2 | 2,631.95 | 1/2 | 2,990.77 | 1/2 | 3,349.58 |
| 3/4 | 142.20 | 3/4 | 501.01 | 3/4 | 858.97 | 3/4 | 1,204.17 | 3/4 | 1,562.99 | 3/4 | 1,921.80 | 3/4 | 2,280.61 | 3/4 | 2,639.43 | 3/4 | 2,998.24 | 3/4 | 3,357.06 |
| 5 | 149.67 | 5 | 508.48 | 5 | 866.17 | 5 | 1,211.65 | 5 | 1,570.46 | 5 | 1,929.27 | 5 | 2,288.09 | 5 | 2,646.90 | 5 | 3,005.72 | 5 | 3,364.53 |
| 1/4 | 157.15 | 1/4 | 515.96 | 1/4 | 873.33 | 1/4 | 1,219.12 | 1/4 | 1,577.94 | 1/4 | 1,936.75 | 1/4 | 2,295.56 | 1/4 | 2,654.38 | 1/4 | 3,013.19 | 1/4 | 3,372.01 |
| 1/2 | 164.62 | 1/2 | 523.44 | 1/2 | 880.50 | 1/2 | 1,226.60 | 1/2 | 1,585.41 | 1/2 | 1,944.23 | 1/2 | 2,303.04 | 1/2 | 2,661.85 | 1/2 | 3,020.67 | 1/2 | 3,379.48 |
| 3/4 | 172.10 | 3/4 | 530.91 | 3/4 | 887.67 | 3/4 | 1,234.07 | 3/4 | 1,592.89 | 3/4 | 1,951.70 | 3/4 | 2,310.52 | 3/4 | 2,669.33 | 3/4 | 3,028.14 | 3/4 | 3,386.96 |
| 6 | 179.57 | 6 | 538.39 | 6 | 894.84 | 6 | 1,241.55 | 6 | 1,600.36 | 6 | 1,959.18 | 6 | 2,317.99 | 6 | 2,676.80 | 6 | 3,035.62 | 6 | 3,394.43 |
| 1/4 | 187.05 | 1/4 | 545.86 | 1/4 | 902.01 | 1/4 | 1,249.02 | 1/4 | 1,607.84 | 1/4 | 1,966.65 | 1/4 | 2,325.47 | 1/4 | 2,684.28 | 1/4 | 3,043.09 | 1/4 | 3,401.91 |
| 1/2 | 194.52 | 1/2 | 553.34 | 1/2 | 909.18 | 1/2 | 1,256.50 | 1/2 | 1,615.31 | 1/2 | 1,974.13 | 1/2 | 2,332.94 | 1/2 | 2,691.76 | 1/2 | 3,050.57 | 1/2 | 3,409.38 |
| 3/4 | 202.00 | 3/4 | 560.81 | 3/4 | 916.35 | 3/4 | 1,263.97 | 3/4 | 1,622.79 | 3/4 | 1,981.60 | 3/4 | 2,340.42 | 3/4 | 2,699.23 | 3/4 | 3,058.05 | 3/4 | 3,416.86 |
| 7 | 209.47 | 7 | 568.29 | 7 | 923.51 | 7 | 1,271.45 | 7 | 1,630.26 | 7 | 1,989.08 | 7 | 2,347.89 | 7 | 2,706.71 | 7 | 3,065.52 | 7 | 3,424.33 |
| 1/4 | 216.95 | 1/4 | 575.76 | 1/4 | 930.68 | 1/4 | 1,278.92 | 1/4 | 1,637.74 | 1/4 | 1,996.55 | 1/4 | 2,355.37 | 1/4 | 2,714.18 | 1/4 | 3,073.00 | 1/4 | 3,431.81 |
| 1/2 | 224.42 | 1/2 | 583.24 | 1/2 | 937.85 | 1/2 | 1,286.40 | 1/2 | 1,645.21 | 1/2 | 2,004.03 | 1/2 | 2,362.84 | 1/2 | 2,721.66 | 1/2 | 3,080.47 | 1/2 | 3,439.29 |
| 3/4 | 231.90 | 3/4 | 590.71 | 3/4 | 945.02 | 3/4 | 1,293.87 | 3/4 | 1,652.69 | 3/4 | 2,011.50 | 3/4 | 2,370.32 | 3/4 | 2,729.13 | 3/4 | 3,087.95 | 3/4 | 3,446.76 |
| 8 | 239.37 | 8 | 598.19 | 8 | 952.19 | 8 | 1,301.35 | 8 | 1,660.16 | 8 | 2,018.98 | 8 | 2,377.79 | 8 | 2,736.61 | 8 | 3,095.42 | 8 | 3,454.24 |
| 1/4 | 246.85 | 1/4 | 605.66 | 1/4 | 959.36 | 1/4 | 1,308.82 | 1/4 | 1,667.64 | 1/4 | 2,026.45 | 1/4 | 2,385.27 | 1/4 | 2,744.08 | 1/4 | 3,102.90 | 1/4 | 3,461.71 |
| 1/2 | 254.32 | 1/2 | 613.14 | 1/2 | 966.52 | 1/2 | 1,316.30 | 1/2 | 1,675.11 | 1/2 | 2,033.93 | 1/2 | 2,392.74 | 1/2 | 2,751.56 | 1/2 | 3,110.37 | 1/2 | 3,469.19 |
| 3/4 | 261.80 | 3/4 | 620.61 | 3/4 | 973.69 | 3/4 | 1,323.78 | 3/4 | 1,682.59 | 3/4 | 2,041.40 | 3/4 | 2,400.22 | 3/4 | 2,759.03 | 3/4 | 3,117.85 | 3/4 | 3,476.66 |
| 9 | 269.28 | 9 | 628.09 | 9 | 980.86 | 9 | 1,331.25 | 9 | 1,690.07 | 9 | 2,048.88 | 9 | 2,407.69 | 9 | 2,766.51 | 9 | 3,125.32 | 9 | 3,484.14 |
| 1/4 | 276.75 | 1/4 | 635.56 | 1/4 | 988.03 | 1/4 | 1,338.73 | 1/4 | 1,697.54 | 1/4 | 2,056.35 | 1/4 | 2,415.17 | 1/4 | 2,773.98 | 1/4 | 3,132.80 | 1/4 | 3,491.61 |
| 1/2 | 284.23 | 1/2 | 643.04 | 1/2 | 995.20 | 1/2 | 1,346.20 | 1/2 | 1,705.02 | 1/2 | 2,063.83 | 1/2 | 2,422.64 | 1/2 | 2,781.46 | 1/2 | 3,140.27 | 1/2 | 3,499.09 |
| 3/4 | 291.70 | 3/4 | 650.52 | 3/4 | 1,002.37 | 3/4 | 1,353.68 | 3/4 | 1,712.49 | 3/4 | 2,071.31 | 3/4 | 2,430.12 | 3/4 | 2,788.93 | 3/4 | 3,147.75 | 3/4 | 3,506.56 |
| 10 | 299.18 | 10 | 657.99 | 10 | 1,009.54 | 10 | 1,361.15 | 10 | 1,719.97 | 10 | 2,078.78 | 10 | 2,437.60 | 10 | 2,796.41 | 10 | 3,155.22 | 10 | 3,514.04 |
| 1/4 | 306.65 | 1/4 | 665.47 | 1/4 | 1,016.70 | 1/4 | 1,368.63 | 1/4 | 1,727.44 | 1/4 | 2,086.26 | 1/4 | 2,445.07 | 1/4 | 2,803.88 | 1/4 | 3,162.70 | 1/4 | 3,521.51 |
| 1/2 | 314.13 | 1/2 | 672.94 | 1/2 | 1,023.87 | 1/2 | 1,376.10 | 1/2 | 1,734.92 | 1/2 | 2,093.73 | 1/2 | 2,452.55 | 1/2 | 2,811.36 | 1/2 | 3,170.17 | 1/2 | 3,528.99 |
| 3/4 | 321.60 | 3/4 | 680.42 | 3/4 | 1,031.04 | 3/4 | 1,383.58 | 3/4 | 1,742.39 | 3/4 | 2,101.21 | 3/4 | 2,460.02 | 3/4 | 2,818.84 | 3/4 | 3,177.65 | 3/4 | 3,536.46 |
| 11 | 329.08 | 11 | 687.89 | 11 | 1,038.21 | 11 | 1,391.05 | 11 | 1,749.87 | 11 | 2,108.68 | 11 | 2,467.50 | 11 | 2,826.31 | 11 | 3,185.13 | 11 | 3,543.94 |
| 1/4 | 336.55 | 1/4 | 695.37 | 1/4 | 1,045.38 | 1/4 | 1,398.53 | 1/4 | 1,757.34 | 1/4 | 2,116.16 | 1/4 | 2,474.97 | 1/4 | 2,833.79 | 1/4 | 3,192.60 | 1/4 | 3,551.41 |
| 1/2 | 344.03 | 1/2 | 702.84 | 1/2 | 1,052.55 | 1/2 | 1,406.00 | 1/2 | 1,764.82 | 1/2 | 2,123.63 | 1/2 | 2,482.45 | 1/2 | 2,841.26 | 1/2 | 3,200.08 | 1/2 | 3,558.89 |
| 3/4 | 351.50 | 3/4 | 710.32 | 3/4 | 1,059.72 | 3/4 | 1,413.48 | 3/4 | 1,772.29 | 3/4 | 2,131.11 | 3/4 | 2,489.92 | 3/4 | 2,848.74 | 3/4 | 3,207.55 | 3/4 | 3,566.37 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 PORT INNAGE TABLE HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,573.84 | 0 | 3,932.66 | 0 | 4,290.77 | 0 | 4,648.52 | 0 | 5,004.63 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,581.32 | 1/4 | 3,940.13 | 1/4 | 4,298.22 | 1/4 | 4,655.98 | 1/4 | 5,011.95 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,588.79 | 1/2 | 3,947.61 | 1/2 | 4,305.67 | 1/2 | 4,663.43 | 1/2 | 5,019.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,596.27 | 3/4 | 3,955.08 | 3/4 | 4,313.13 | 3/4 | 4,670.88 | 3/4 | 5,026.58 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,603.74 | 1 | 3,962.56 | 1 | 4,320.58 | 1 | 4,678.34 | 1 | 5,033.90 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,611.22 | 1/4 | 3,970.03 | 1/4 | 4,328.03 | 1/4 | 4,685.79 | 1/4 | 5,040.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,618.69 | 1/2 | 3,977.51 | 1/2 | 4,335.49 | 1/2 | 4,693.24 | 1/2 | 5,046.80 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,626.17 | 3/4 | 3,984.98 | 3/4 | 4,342.94 | 3/4 | 4,700.70 | 3/4 | 5,053.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,633.64 | 2 | 3,992.46 | 2 | 4,350.39 | 2 | 4,708.15 | 2 | 5,059.71 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,641.12 | 1/4 | 3,999.93 | 1/4 | 4,357.85 | 1/4 | 4,715.60 | 1/4 | 5,064.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,648.59 | 1/2 | 4,007.41 | 1/2 | 4,365.30 | 1/2 | 4,723.06 | 1/2 | 5,070.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,656.07 | 3/4 | 4,014.88 | 3/4 | 4,372.75 | 3/4 | 4,730.51 | 3/4 | 5,075.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,663.54 | 3 | 4,022.36 | 3 | 4,380.21 | 3 | 4,737.96 | 3 | 5,080.54 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,671.02 | 1/4 | 4,029.83 | 1/4 | 4,387.66 | 1/4 | 4,745.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,678.50 | 1/2 | 4,037.31 | 1/2 | 4,395.11 | 1/2 | 4,752.87 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,685.97 | 3/4 | 4,044.78 | 3/4 | 4,402.57 | 3/4 | 4,760.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,693.45 | 4 | 4,052.26 | 4 | 4,410.02 | 4 | 4,767.78 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,700.92 | 1/4 | 4,059.71 | 1/4 | 4,417.47 | 1/4 | 4,775.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,708.40 | 1/2 | 4,067.17 | 1/2 | 4,424.93 | 1/2 | 4,782.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,715.87 | 3/4 | 4,074.62 | 3/4 | 4,432.38 | 3/4 | 4,790.14 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,723.35 | 5 | 4,082.07 | 5 | 4,439.83 | 5 | 4,797.59 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,730.82 | 1/4 | 4,089.53 | 1/4 | 4,447.28 | 1/4 | 4,805.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,738.30 | 1/2 | 4,096.98 | 1/2 | 4,454.74 | 1/2 | 4,812.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,745.77 | 3/4 | 4,104.43 | 3/4 | 4,462.19 | 3/4 | 4,819.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,753.25 | 6 | 4,111.89 | 6 | 4,469.64 | 6 | 4,827.40 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,760.72 | 1/4 | 4,119.34 | 1/4 | 4,477.10 | 1/4 | 4,834.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,768.20 | 1/2 | 4,126.79 | 1/2 | 4,484.55 | 1/2 | 4,842.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,775.67 | 3/4 | 4,134.25 | 3/4 | 4,492.00 | 3/4 | 4,849.57 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,783.15 | 7 | 4,141.70 | 7 | 4,499.46 | 7 | 4,856.95 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,790.62 | 1/4 | 4,149.15 | 1/4 | 4,506.91 | 1/4 | 4,864.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,798.10 | 1/2 | 4,156.61 | 1/2 | 4,514.36 | 1/2 | 4,871.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,805.58 | 3/4 | 4,164.06 | 3/4 | 4,521.82 | 3/4 | 4,879.12 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,813.05 | 8 | 4,171.51 | 8 | 4,529.27 | 8 | 4,886.51 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,820.53 | 1/4 | 4,178.97 | 1/4 | 4,536.72 | 1/4 | 4,893.89 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,828.00 | 1/2 | 4,186.42 | 1/2 | 4,544.18 | 1/2 | 4,901.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,835.48 | 3/4 | 4,193.87 | 3/4 | 4,551.63 | 3/4 | 4,908.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,842.95 | 9 | 4,201.33 | 9 | 4,559.08 | 9 | 4,916.06 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,850.43 | 1/4 | 4,208.78 | 1/4 | 4,566.54 | 1/4 | 4,923.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,857.90 | 1/2 | 4,216.23 | 1/2 | 4,573.99 | 1/2 | 4,930.83 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,865.38 | 3/4 | 4,223.69 | 3/4 | 4,581.44 | 3/4 | 4,938.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,872.85 | 10 | 4,231.14 | 10 | 4,588.90 | 10 | 4,945.61 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,880.33 | 1/4 | 4,238.59 | 1/4 | 4,596.35 | 1/4 | 4,952.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,887.80 | 1/2 | 4,246.05 | 1/2 | 4,603.80 | 1/2 | 4,960.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,895.28 | 3/4 | 4,253.50 | 3/4 | 4,611.26 | 3/4 | 4,967.76 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,902.75 | 11 | 4,260.95 | 11 | 4,618.71 | 11 | 4,975.14 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,910.23 | 1/4 | 4,268.41 | 1/4 | 4,626.16 | 1/4 | 4,982.51 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,917.70 | 1/2 | 4,275.86 | 1/2 | 4,633.62 | 1/2 | 4,989.89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,925.18 | 3/4 | 4,283.31 | 3/4 | 4,641.07 | 3/4 | 4,997.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.34 | 0 | 359.50 | 0 | 718.84 | 0 | 1,077.77 | 0 | 1,437.01 | 0 | 1,796.34 | 0 | 2,155.68 | 0 | 2,515.02 | 0 | 2,874.29 | 0 | 3,233.52 |
| 1/4 | 20.02 | 1/4 | 366.99 | 1/4 | 726.33 | 1/4 | 1,085.24 | 1/4 | 1,444.49 | 1/4 | 1,803.83 | 1/4 | 2,163.17 | 1/4 | 2,522.51 | 1/4 | 2,881.78 | 1/4 | 3,241.00 |
| 1/2 | 24.69 | 1/2 | 374.47 | 1/2 | 733.81 | 1/2 | 1,092.71 | 1/2 | 1,451.98 | 1/2 | 1,811.32 | 1/2 | 2,170.65 | 1/2 | 2,529.99 | 1/2 | 2,889.26 | 1/2 | 3,248.49 |
| 3/4 | 29.37 | 3/4 | 381.96 | 3/4 | 741.30 | 3/4 | 1,100.19 | 3/4 | 1,459.46 | 3/4 | 1,818.80 | 3/4 | 2,178.14 | 3/4 | 2,537.48 | 3/4 | 2,896.74 | 3/4 | 3,255.97 |
| 1 | 34.05 | 1 | 389.45 | 1 | 748.78 | 1 | 1,107.66 | 1 | 1,466.95 | 1 | 1,826.29 | 1 | 2,185.63 | 1 | 2,544.96 | 1 | 2,904.23 | 1 | 3,263.46 |
| 1/4 | 40.60 | 1/4 | 396.93 | 1/4 | 756.27 | 1/4 | 1,115.14 | 1/4 | 1,474.44 | 1/4 | 1,833.77 | 1/4 | 2,193.11 | 1/4 | 2,552.45 | 1/4 | 2,911.71 | 1/4 | 3,270.94 |
| 1/2 | 47.15 | 1/2 | 404.42 | 1/2 | 763.76 | 1/2 | 1,122.62 | 1/2 | 1,481.92 | 1/2 | 1,841.26 | 1/2 | 2,200.60 | 1/2 | 2,559.94 | 1/2 | 2,919.20 | 1/2 | 3,278.42 |
| 3/4 | 53.70 | 3/4 | 411.91 | 3/4 | 771.24 | 3/4 | 1,130.10 | 3/4 | 1,489.41 | 3/4 | 1,848.75 | 3/4 | 2,208.08 | 3/4 | 2,567.42 | 3/4 | 2,926.68 | 3/4 | 3,285.91 |
| 2 | 60.25 | 2 | 419.39 | 2 | 778.73 | 2 | 1,137.58 | 2 | 1,496.90 | 2 | 1,856.23 | 2 | 2,215.57 | 2 | 2,574.91 | 2 | 2,934.16 | 2 | 3,293.39 |
| 1/4 | 67.70 | 1/4 | 426.88 | 1/4 | 786.22 | 1/4 | 1,145.06 | 1/4 | 1,504.38 | 1/4 | 1,863.72 | 1/4 | 2,223.06 | 1/4 | 2,582.39 | 1/4 | 2,941.65 | 1/4 | 3,300.87 |
| 1/2 | 75.15 | 1/2 | 434.36 | 1/2 | 793.70 | 1/2 | 1,152.54 | 1/2 | 1,511.87 | 1/2 | 1,871.21 | 1/2 | 2,230.54 | 1/2 | 2,589.88 | 1/2 | 2,949.13 | 1/2 | 3,308.36 |
| 3/4 | 82.60 | 3/4 | 441.85 | 3/4 | 801.19 | 3/4 | 1,160.02 | 3/4 | 1,519.35 | 3/4 | 1,878.69 | 3/4 | 2,238.03 | 3/4 | 2,597.37 | 3/4 | 2,956.62 | 3/4 | 3,315.84 |
| 3 | 90.05 | 3 | 449.34 | 3 | 808.67 | 3 | 1,167.50 | 3 | 1,526.84 | 3 | 1,886.18 | 3 | 2,245.52 | 3 | 2,604.85 | 3 | 2,964.10 | 3 | 3,323.33 |
| 1/4 | 97.52 | 1/4 | 456.82 | 1/4 | 816.16 | 1/4 | 1,174.99 | 1/4 | 1,534.33 | 1/4 | 1,893.66 | 1/4 | 2,253.00 | 1/4 | 2,612.34 | 1/4 | 2,971.58 | 1/4 | 3,330.81 |
| 1/2 | 105.00 | 1/2 | 464.31 | 1/2 | 823.65 | 1/2 | 1,182.48 | 1/2 | 1,541.81 | 1/2 | 1,901.15 | 1/2 | 2,260.49 | 1/2 | 2,619.83 | 1/2 | 2,979.07 | 1/2 | 3,338.29 |
| 3/4 | 112.47 | 3/4 | 471.80 | 3/4 | 831.13 | 3/4 | 1,189.96 | 3/4 | 1,549.30 | 3/4 | 1,908.64 | 3/4 | 2,267.97 | 3/4 | 2,627.31 | 3/4 | 2,986.55 | 3/4 | 3,345.78 |
| 4 | 119.95 | 4 | 479.28 | 4 | 838.62 | 4 | 1,197.45 | 4 | 1,556.79 | 4 | 1,916.12 | 4 | 2,275.46 | 4 | 2,634.80 | 4 | 2,994.03 | 4 | 3,353.26 |
| 1/4 | 127.43 | 1/4 | 486.77 | 1/4 | 846.11 | 1/4 | 1,204.93 | 1/4 | 1,564.27 | 1/4 | 1,923.61 | 1/4 | 2,282.95 | 1/4 | 2,642.28 | 1/4 | 3,001.52 | 1/4 | 3,360.75 |
| 1/2 | 134.92 | 1/2 | 494.25 | 1/2 | 853.59 | 1/2 | 1,212.42 | 1/2 | 1,571.76 | 1/2 | 1,931.10 | 1/2 | 2,290.43 | 1/2 | 2,649.77 | 1/2 | 3,009.00 | 1/2 | 3,368.23 |
| 3/4 | 142.40 | 3/4 | 501.74 | 3/4 | 861.08 | 3/4 | 1,219.91 | 3/4 | 1,579.24 | 3/4 | 1,938.58 | 3/4 | 2,297.92 | 3/4 | 2,657.26 | 3/4 | 3,016.49 | 3/4 | 3,375.71 |
| 5 | 149.89 | 5 | 509.23 | 5 | 868.56 | 5 | 1,227.39 | 5 | 1,586.73 | 5 | 1,946.07 | 5 | 2,305.41 | 5 | 2,664.74 | 5 | 3,023.97 | 5 | 3,383.20 |
| 1/4 | 157.37 | 1/4 | 516.71 | 1/4 | 876.04 | 1/4 | 1,234.88 | 1/4 | 1,594.22 | 1/4 | 1,953.55 | 1/4 | 2,312.89 | 1/4 | 2,672.23 | 1/4 | 3,031.45 | 1/4 | 3,390.68 |
| 1/2 | 164.86 | 1/2 | 524.20 | 1/2 | 883.51 | 1/2 | 1,242.37 | 1/2 | 1,601.70 | 1/2 | 1,961.04 | 1/2 | 2,320.38 | 1/2 | 2,679.71 | 1/2 | 3,038.94 | 1/2 | 3,398.17 |
| 3/4 | 172.35 | 3/4 | 531.68 | 3/4 | 890.98 | 3/4 | 1,249.85 | 3/4 | 1,609.19 | 3/4 | 1,968.53 | 3/4 | 2,327.86 | 3/4 | 2,687.19 | 3/4 | 3,046.42 | 3/4 | 3,405.65 |
| 6 | 179.83 | 6 | 539.17 | 6 | 898.45 | 6 | 1,257.34 | 6 | 1,616.68 | 6 | 1,976.01 | 6 | 2,335.35 | 6 | 2,694.68 | 6 | 3,053.91 | 6 | 3,413.13 |
| 1/4 | 187.32 | 1/4 | 546.66 | 1/4 | 905.92 | 1/4 | 1,264.82 | 1/4 | 1,624.16 | 1/4 | 1,983.50 | 1/4 | 2,342.84 | 1/4 | 2,702.16 | 1/4 | 3,061.39 | 1/4 | 3,420.62 |
| 1/2 | 194.81 | 1/2 | 554.14 | 1/2 | 913.39 | 1/2 | 1,272.31 | 1/2 | 1,631.65 | 1/2 | 1,990.99 | 1/2 | 2,350.32 | 1/2 | 2,709.65 | 1/2 | 3,068.87 | 1/2 | 3,428.10 |
| 3/4 | 202.29 | 3/4 | 561.63 | 3/4 | 920.87 | 3/4 | 1,279.80 | 3/4 | 1,639.13 | 3/4 | 1,998.47 | 3/4 | 2,357.81 | 3/4 | 2,717.13 | 3/4 | 3,076.36 | 3/4 | 3,435.58 |
| 7 | 209.78 | 7 | 569.12 | 7 | 928.34 | 7 | 1,287.28 | 7 | 1,646.62 | 7 | 2,005.96 | 7 | 2,365.30 | 7 | 2,724.61 | 7 | 3,083.84 | 7 | 3,443.07 |
| 1/4 | 217.26 | 1/4 | 576.60 | 1/4 | 935.81 | 1/4 | 1,294.77 | 1/4 | 1,654.11 | 1/4 | 2,013.44 | 1/4 | 2,372.78 | 1/4 | 2,732.10 | 1/4 | 3,091.33 | 1/4 | 3,450.55 |
| 1/2 | 224.75 | 1/2 | 584.09 | 1/2 | 943.28 | 1/2 | 1,302.25 | 1/2 | 1,661.59 | 1/2 | 2,020.93 | 1/2 | 2,380.27 | 1/2 | 2,739.58 | 1/2 | 3,098.81 | 1/2 | 3,458.04 |
| 3/4 | 232.24 | 3/4 | 591.57 | 3/4 | 950.75 | 3/4 | 1,309.74 | 3/4 | 1,669.08 | 3/4 | 2,028.42 | 3/4 | 2,387.75 | 3/4 | 2,747.07 | 3/4 | 3,106.29 | 3/4 | 3,465.52 |
| 8 | 239.72 | 8 | 599.06 | 8 | 958.22 | 8 | 1,317.23 | 8 | 1,676.56 | 8 | 2,035.90 | 8 | 2,395.24 | 8 | 2,754.55 | 8 | 3,113.78 | 8 | 3,473.00 |
| 1/4 | 247.21 | 1/4 | 606.55 | 1/4 | 965.70 | 1/4 | 1,324.71 | 1/4 | 1,684.05 | 1/4 | 2,043.39 | 1/4 | 2,402.73 | 1/4 | 2,762.03 | 1/4 | 3,121.26 | 1/4 | 3,480.49 |
| 1/2 | 254.70 | 1/2 | 614.03 | 1/2 | 973.17 | 1/2 | 1,332.20 | 1/2 | 1,691.54 | 1/2 | 2,050.87 | 1/2 | 2,410.21 | 1/2 | 2,769.52 | 1/2 | 3,128.74 | 1/2 | 3,487.97 |
| 3/4 | 262.18 | 3/4 | 621.52 | 3/4 | 980.64 | 3/4 | 1,339.69 | 3/4 | 1,699.02 | 3/4 | 2,058.36 | 3/4 | 2,417.70 | 3/4 | 2,777.00 | 3/4 | 3,136.23 | 3/4 | 3,495.46 |
| 9 | 269.67 | 9 | 629.01 | 9 | 988.11 | 9 | 1,347.17 | 9 | 1,706.51 | 9 | 2,065.85 | 9 | 2,425.18 | 9 | 2,784.49 | 9 | 3,143.71 | 9 | 3,502.94 |
| 1/4 | 277.15 | 1/4 | 636.49 | 1/4 | 995.58 | 1/4 | 1,354.66 | 1/4 | 1,714.00 | 1/4 | 2,073.33 | 1/4 | 2,432.67 | 1/4 | 2,791.97 | 1/4 | 3,151.20 | 1/4 | 3,510.42 |
| 1/2 | 284.64 | 1/2 | 643.98 | 1/2 | 1,003.05 | 1/2 | 1,362.14 | 1/2 | 1,721.48 | 1/2 | 2,080.82 | 1/2 | 2,440.16 | 1/2 | 2,799.45 | 1/2 | 3,158.68 | 1/2 | 3,517.91 |
| 3/4 | 292.13 | 3/4 | 651.46 | 3/4 | 1,010.53 | 3/4 | 1,369.63 | 3/4 | 1,728.97 | 3/4 | 2,088.31 | 3/4 | 2,447.64 | 3/4 | 2,806.94 | 3/4 | 3,166.16 | 3/4 | 3,525.39 |
| 10 | 299.61 | 10 | 658.95 | 10 | 1,018.00 | 10 | 1,377.12 | 10 | 1,736.45 | 10 | 2,095.79 | 10 | 2,455.13 | 10 | 2,814.42 | 10 | 3,173.65 | 10 | 3,532.88 |
| 1/4 | 307.10 | 1/4 | 666.44 | 1/4 | 1,025.47 | 1/4 | 1,384.60 | 1/4 | 1,743.94 | 1/4 | 2,103.28 | 1/4 | 2,462.62 | 1/4 | 2,821.91 | 1/4 | 3,181.13 | 1/4 | 3,540.36 |
| 1/2 | 314.59 | 1/2 | 673.92 | 1/2 | 1,032.94 | 1/2 | 1,392.09 | 1/2 | 1,751.43 | 1/2 | 2,110.76 | 1/2 | 2,470.10 | 1/2 | 2,829.39 | 1/2 | 3,188.62 | 1/2 | 3,547.84 |
| 3/4 | 322.07 | 3/4 | 681.41 | 3/4 | 1,040.41 | 3/4 | 1,399.58 | 3/4 | 1,758.91 | 3/4 | 2,118.25 | 3/4 | 2,477.59 | 3/4 | 2,836.87 | 3/4 | 3,196.10 | 3/4 | 3,555.33 |
| 11 | 329.56 | 11 | 688.90 | 11 | 1,047.88 | 11 | 1,407.06 | 11 | 1,766.40 | 11 | 2,125.74 | 11 | 2,485.07 | 11 | 2,844.36 | 11 | 3,203.58 | 11 | 3,562.81 |
| 1/4 | 337.04 | 1/4 | 696.38 | 1/4 | 1,055.36 | 1/4 | 1,414.55 | 1/4 | 1,773.89 | 1/4 | 2,133.22 | 1/4 | 2,492.56 | 1/4 | 2,851.84 | 1/4 | 3,211.07 | 1/4 | 3,570.30 |
| 1/2 | 344.53 | 1/2 | 703.87 | 1/2 | 1,062.83 | 1/2 | 1,422.03 | 1/2 | 1,781.37 | 1/2 | 2,140.71 | 1/2 | 2,500.05 | 1/2 | 2,859.32 | 1/2 | 3,218.55 | 1/2 | 3,577.78 |
| 3/4 | 352.02 | 3/4 | 711.35 | 3/4 | 1,070.30 | 3/4 | 1,429.52 | 3/4 | 1,788.86 | 3/4 | 2,148.20 | 3/4 | 2,507.53 | 3/4 | 2,866.81 | 3/4 | 3,226.04 | 3/4 | 3,585.26 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,592.75 | 0 | 3,951.97 | 0 | 4,310.51 | 0 | 4,668.71 | 0 | 5,025.09 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,600.23 | 1/4 | 3,959.46 | 1/4 | 4,317.98 | 1/4 | 4,676.17 | 1/4 | 5,032.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,607.71 | 1/2 | 3,966.94 | 1/2 | 4,325.44 | 1/2 | 4,683.63 | 1/2 | 5,039.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,615.20 | 3/4 | 3,974.43 | 3/4 | 4,332.90 | 3/4 | 4,691.10 | 3/4 | 5,047.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,622.68 | 1 | 3,981.91 | 1 | 4,340.36 | 1 | 4,698.56 | 1 | 5,054.37 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,630.17 | 1/4 | 3,989.39 | 1/4 | 4,347.83 | 1/4 | 4,706.02 | 1/4 | 5,060.82 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,637.65 | 1/2 | 3,996.88 | 1/2 | 4,355.29 | 1/2 | 4,713.48 | 1/2 | 5,067.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,645.13 | 3/4 | 4,004.36 | 3/4 | 4,362.75 | 3/4 | 4,720.95 | 3/4 | 5,073.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,652.62 | 2 | 4,011.85 | 2 | 4,370.21 | 2 | 4,728.41 | 2 | 5,080.19 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,660.10 | 1/4 | 4,019.33 | 1/4 | 4,377.67 | 1/4 | 4,735.87 | 1/4 | 5,085.39 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,667.59 | 1/2 | 4,026.81 | 1/2 | 4,385.14 | 1/2 | 4,743.33 | 1/2 | 5,090.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,675.07 | 3/4 | 4,034.30 | 3/4 | 4,392.60 | 3/4 | 4,750.79 | 3/4 | 5,095.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,682.55 | 3 | 4,041.78 | 3 | 4,400.06 | 3 | 4,758.26 | 3 | 5,101.02 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,690.04 | 1/4 | 4,049.26 | 1/4 | 4,407.52 | 1/4 | 4,765.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,697.52 | 1/2 | 4,056.75 | 1/2 | 4,414.99 | 1/2 | 4,773.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,705.01 | 3/4 | 4,064.23 | 3/4 | 4,422.45 | 3/4 | 4,780.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,712.49 | 4 | 4,071.72 | 4 | 4,429.91 | 4 | 4,788.11 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,719.97 | 1/4 | 4,079.18 | 1/4 | 4,437.37 | 1/4 | 4,795.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,727.46 | 1/2 | 4,086.64 | 1/2 | 4,444.84 | 1/2 | 4,803.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,734.94 | 3/4 | 4,094.10 | 3/4 | 4,452.30 | 3/4 | 4,810.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,742.42 | 5 | 4,101.57 | 5 | 4,459.76 | 5 | 4,817.96 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,749.91 | 1/4 | 4,109.03 | 1/4 | 4,467.22 | 1/4 | 4,825.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,757.39 | 1/2 | 4,116.49 | 1/2 | 4,474.69 | 1/2 | 4,832.88 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,764.88 | 3/4 | 4,123.95 | 3/4 | 4,482.15 | 3/4 | 4,840.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,772.36 | 6 | 4,131.42 | 6 | 4,489.61 | 6 | 4,847.81 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,779.84 | 1/4 | 4,138.88 | 1/4 | 4,497.07 | 1/4 | 4,855.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,787.33 | 1/2 | 4,146.34 | 1/2 | 4,504.54 | 1/2 | 4,862.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,794.81 | 3/4 | 4,153.80 | 3/4 | 4,512.00 | 3/4 | 4,869.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,802.30 | 7 | 4,161.27 | 7 | 4,519.46 | 7 | 4,877.36 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,809.78 | 1/4 | 4,168.73 | 1/4 | 4,526.92 | 1/4 | 4,884.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,817.26 | 1/2 | 4,176.19 | 1/2 | 4,534.39 | 1/2 | 4,892.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,824.75 | 3/4 | 4,183.65 | 3/4 | 4,541.85 | 3/4 | 4,899.52 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,832.23 | 8 | 4,191.11 | 8 | 4,549.31 | 8 | 4,906.91 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,839.72 | 1/4 | 4,198.58 | 1/4 | 4,556.77 | 1/4 | 4,914.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,847.20 | 1/2 | 4,206.04 | 1/2 | 4,564.23 | 1/2 | 4,921.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,854.68 | 3/4 | 4,213.50 | 3/4 | 4,571.70 | 3/4 | 4,929.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,862.17 | 9 | 4,220.96 | 9 | 4,579.16 | 9 | 4,936.47 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,869.65 | 1/4 | 4,228.43 | 1/4 | 4,586.62 | 1/4 | 4,943.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,877.13 | 1/2 | 4,235.89 | 1/2 | 4,594.08 | 1/2 | 4,951.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,884.62 | 3/4 | 4,243.35 | 3/4 | 4,601.55 | 3/4 | 4,958.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,892.10 | 10 | 4,250.81 | 10 | 4,609.01 | 10 | 4,966.03 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,899.59 | 1/4 | 4,258.28 | 1/4 | 4,616.47 | 1/4 | 4,973.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,907.07 | 1/2 | 4,265.74 | 1/2 | 4,623.93 | 1/2 | 4,980.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,914.55 | 3/4 | 4,273.20 | 3/4 | 4,631.40 | 3/4 | 4,988.20 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,922.04 | 11 | 4,280.66 | 11 | 4,638.86 | 11 | 4,995.58 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,929.52 | 1/4 | 4,288.13 | 1/4 | 4,646.32 | 1/4 | 5,002.96 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,937.01 | 1/2 | 4,295.59 | 1/2 | 4,653.78 | 1/2 | 5,010.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,944.49 | 3/4 | 4,303.05 | 3/4 | 4,661.25 | 3/4 | 5,017.71 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 PORT INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.28 | 0 | 358.05 | 0 | 715.48 | 0 | 1,063.24 | 0 | 1,416.66 | 0 | 1,773.77 | 0 | 2,130.17 | 0 | 2,487.27 | 0 | 2,844.09 | 0 | 3,200.88 |
| 1/4 | 19.94 | 1/4 | 365.50 | 1/4 | 722.92 | 1/4 | 1,070.39 | 1/4 | 1,424.10 | 1/4 | 1,781.20 | 1/4 | 2,137.60 | 1/4 | 2,494.70 | 1/4 | 2,851.52 | 1/4 | 3,208.29 |
| 1/2 | 24.60 | 1/2 | 372.95 | 1/2 | 730.37 | 1/2 | 1,077.54 | 1/2 | 1,431.54 | 1/2 | 1,788.62 | 1/2 | 2,145.04 | 1/2 | 2,502.14 | 1/2 | 2,858.95 | 1/2 | 3,215.69 |
| 3/4 | 29.26 | 3/4 | 380.39 | 3/4 | 737.82 | 3/4 | 1,084.69 | 3/4 | 1,438.98 | 3/4 | 1,796.05 | 3/4 | 2,152.48 | 3/4 | 2,509.57 | 3/4 | 2,866.39 | 3/4 | 3,223.10 |
| 1 | 33.93 | 1 | 387.84 | 1 | 745.26 | 1 | 1,091.84 | 1 | 1,446.42 | 1 | 1,803.47 | 1 | 2,159.92 | 1 | 2,517.01 | 1 | 2,873.82 | 1 | 3,230.50 |
| 1/4 | 40.45 | 1/4 | 395.29 | 1/4 | 752.71 | 1/4 | 1,099.06 | 1/4 | 1,453.86 | 1/4 | 1,810.90 | 1/4 | 2,167.36 | 1/4 | 2,524.44 | 1/4 | 2,881.25 | 1/4 | 3,237.90 |
| 1/2 | 46.97 | 1/2 | 402.73 | 1/2 | 760.15 | 1/2 | 1,106.28 | 1/2 | 1,461.31 | 1/2 | 1,818.32 | 1/2 | 2,174.79 | 1/2 | 2,531.88 | 1/2 | 2,888.69 | 1/2 | 3,245.31 |
| 3/4 | 53.50 | 3/4 | 410.18 | 3/4 | 767.60 | 3/4 | 1,113.50 | 3/4 | 1,468.75 | 3/4 | 1,825.75 | 3/4 | 2,182.23 | 3/4 | 2,539.31 | 3/4 | 2,896.12 | 3/4 | 3,252.71 |
| 2 | 60.02 | 2 | 417.62 | 2 | 775.05 | 2 | 1,120.72 | 2 | 1,476.19 | 2 | 1,833.17 | 2 | 2,189.67 | 2 | 2,546.74 | 2 | 2,903.55 | 2 | 3,260.12 |
| 1/4 | 67.44 | 1/4 | 425.07 | 1/4 | 782.49 | 1/4 | 1,127.94 | 1/4 | 1,483.63 | 1/4 | 1,840.60 | 1/4 | 2,197.11 | 1/4 | 2,554.18 | 1/4 | 2,910.99 | 1/4 | 3,267.52 |
| 1/2 | 74.87 | 1/2 | 432.52 | 1/2 | 789.94 | 1/2 | 1,135.16 | 1/2 | 1,491.07 | 1/2 | 1,848.02 | 1/2 | 2,204.55 | 1/2 | 2,561.61 | 1/2 | 2,918.42 | 1/2 | 3,274.93 |
| 3/4 | 82.29 | 3/4 | 439.96 | 3/4 | 797.37 | 3/4 | 1,142.38 | 3/4 | 1,498.51 | 3/4 | 1,855.45 | 3/4 | 2,211.98 | 3/4 | 2,569.05 | 3/4 | 2,925.85 | 3/4 | 3,282.33 |
| 3 | 89.71 | 3 | 447.41 | 3 | 804.83 | 3 | 1,149.60 | 3 | 1,505.95 | 3 | 1,862.87 | 3 | 2,219.42 | 3 | 2,576.48 | 3 | 2,933.29 | 3 | 3,289.74 |
| 1/4 | 97.16 | 1/4 | 454.86 | 1/4 | 812.21 | 1/4 | 1,156.83 | 1/4 | 1,513.40 | 1/4 | 1,870.30 | 1/4 | 2,226.86 | 1/4 | 2,583.92 | 1/4 | 2,940.72 | 1/4 | 3,297.14 |
| 1/2 | 104.60 | 1/2 | 462.30 | 1/2 | 819.60 | 1/2 | 1,164.07 | 1/2 | 1,520.84 | 1/2 | 1,877.72 | 1/2 | 2,234.30 | 1/2 | 2,591.35 | 1/2 | 2,948.15 | 1/2 | 3,304.55 |
| 3/4 | 112.05 | 3/4 | 469.75 | 3/4 | 826.98 | 3/4 | 1,171.30 | 3/4 | 1,528.28 | 3/4 | 1,885.15 | 3/4 | 2,241.73 | 3/4 | 2,598.79 | 3/4 | 2,955.58 | 3/4 | 3,311.95 |
| 4 | 119.50 | 4 | 477.19 | 4 | 834.36 | 4 | 1,178.54 | 4 | 1,535.72 | 4 | 1,892.57 | 4 | 2,249.17 | 4 | 2,606.22 | 4 | 2,963.02 | 4 | 3,319.36 |
| 1/4 | 126.96 | 1/4 | 484.64 | 1/4 | 841.54 | 1/4 | 1,185.98 | 1/4 | 1,543.16 | 1/4 | 1,900.00 | 1/4 | 2,256.61 | 1/4 | 2,613.65 | 1/4 | 2,970.45 | 1/4 | 3,326.76 |
| 1/2 | 134.41 | 1/2 | 492.09 | 1/2 | 848.71 | 1/2 | 1,193.42 | 1/2 | 1,550.60 | 1/2 | 1,907.42 | 1/2 | 2,264.05 | 1/2 | 2,621.09 | 1/2 | 2,977.88 | 1/2 | 3,334.17 |
| 3/4 | 141.87 | 3/4 | 499.53 | 3/4 | 855.88 | 3/4 | 1,200.86 | 3/4 | 1,558.04 | 3/4 | 1,914.85 | 3/4 | 2,271.49 | 3/4 | 2,628.52 | 3/4 | 2,985.32 | 3/4 | 3,341.57 |
| 5 | 149.33 | 5 | 506.98 | 5 | 863.05 | 5 | 1,208.30 | 5 | 1,565.48 | 5 | 1,922.27 | 5 | 2,278.92 | 5 | 2,635.96 | 5 | 2,992.75 | 5 | 3,348.98 |
| 1/4 | 156.78 | 1/4 | 514.43 | 1/4 | 870.20 | 1/4 | 1,215.74 | 1/4 | 1,572.93 | 1/4 | 1,929.70 | 1/4 | 2,286.37 | 1/4 | 2,643.39 | 1/4 | 3,000.18 | 1/4 | 3,356.38 |
| 1/2 | 164.24 | 1/2 | 521.87 | 1/2 | 877.35 | 1/2 | 1,223.18 | 1/2 | 1,580.37 | 1/2 | 1,937.12 | 1/2 | 2,293.81 | 1/2 | 2,650.82 | 1/2 | 3,007.62 | 1/2 | 3,363.78 |
| 3/4 | 171.70 | 3/4 | 529.32 | 3/4 | 884.50 | 3/4 | 1,230.63 | 3/4 | 1,587.81 | 3/4 | 1,944.55 | 3/4 | 2,301.25 | 3/4 | 2,658.26 | 3/4 | 3,015.05 | 3/4 | 3,371.18 |
| 6 | 179.16 | 6 | 536.77 | 6 | 891.65 | 6 | 1,238.07 | 6 | 1,595.25 | 6 | 1,951.97 | 6 | 2,308.70 | 6 | 2,665.69 | 6 | 3,022.48 | 6 | 3,378.58 |
| 1/4 | 186.62 | 1/4 | 544.21 | 1/4 | 898.80 | 1/4 | 1,245.51 | 1/4 | 1,602.69 | 1/4 | 1,959.40 | 1/4 | 2,316.14 | 1/4 | 2,673.12 | 1/4 | 3,029.92 | 1/4 | 3,385.97 |
| 1/2 | 194.07 | 1/2 | 551.66 | 1/2 | 905.95 | 1/2 | 1,252.95 | 1/2 | 1,610.13 | 1/2 | 1,966.82 | 1/2 | 2,323.59 | 1/2 | 2,680.56 | 1/2 | 3,037.35 | 1/2 | 3,393.36 |
| 3/4 | 201.53 | 3/4 | 559.10 | 3/4 | 913.10 | 3/4 | 1,260.39 | 3/4 | 1,617.57 | 3/4 | 1,974.25 | 3/4 | 2,331.03 | 3/4 | 2,687.99 | 3/4 | 3,044.78 | 3/4 | 3,400.75 |
| 7 | 208.99 | 7 | 566.55 | 7 | 920.25 | 7 | 1,267.83 | 7 | 1,625.01 | 7 | 1,981.67 | 7 | 2,338.47 | 7 | 2,695.42 | 7 | 3,052.22 | 7 | 3,408.14 |
| 1/4 | 216.45 | 1/4 | 574.00 | 1/4 | 927.40 | 1/4 | 1,275.27 | 1/4 | 1,632.46 | 1/4 | 1,989.10 | 1/4 | 2,345.92 | 1/4 | 2,702.86 | 1/4 | 3,059.65 | 1/4 | 3,415.31 |
| 1/2 | 223.90 | 1/2 | 581.44 | 1/2 | 934.55 | 1/2 | 1,282.71 | 1/2 | 1,639.90 | 1/2 | 1,996.52 | 1/2 | 2,353.36 | 1/2 | 2,710.29 | 1/2 | 3,067.08 | 1/2 | 3,422.47 |
| 3/4 | 231.36 | 3/4 | 588.89 | 3/4 | 941.70 | 3/4 | 1,290.16 | 3/4 | 1,647.34 | 3/4 | 2,003.95 | 3/4 | 2,360.80 | 3/4 | 2,717.72 | 3/4 | 3,074.52 | 3/4 | 3,429.64 |
| 8 | 238.82 | 8 | 596.34 | 8 | 948.85 | 8 | 1,297.60 | 8 | 1,654.78 | 8 | 2,011.37 | 8 | 2,368.25 | 8 | 2,725.16 | 8 | 3,081.95 | 8 | 3,436.80 |
| 1/4 | 246.28 | 1/4 | 603.78 | 1/4 | 956.00 | 1/4 | 1,305.04 | 1/4 | 1,662.22 | 1/4 | 2,018.80 | 1/4 | 2,375.69 | 1/4 | 2,732.59 | 1/4 | 3,089.38 | 1/4 | 3,443.49 |
| 1/2 | 253.74 | 1/2 | 611.23 | 1/2 | 963.15 | 1/2 | 1,312.48 | 1/2 | 1,669.66 | 1/2 | 2,026.22 | 1/2 | 2,383.13 | 1/2 | 2,740.02 | 1/2 | 3,096.82 | 1/2 | 3,450.17 |
| 3/4 | 261.19 | 3/4 | 618.67 | 3/4 | 970.30 | 3/4 | 1,319.92 | 3/4 | 1,677.10 | 3/4 | 2,033.65 | 3/4 | 2,390.58 | 3/4 | 2,747.46 | 3/4 | 3,104.25 | 3/4 | 3,456.86 |
| 9 | 268.65 | 9 | 626.12 | 9 | 977.45 | 9 | 1,327.36 | 9 | 1,684.54 | 9 | 2,041.07 | 9 | 2,398.02 | 9 | 2,754.89 | 9 | 3,111.68 | 9 | 3,463.54 |
| 1/4 | 276.11 | 1/4 | 633.57 | 1/4 | 984.60 | 1/4 | 1,334.80 | 1/4 | 1,691.99 | 1/4 | 2,048.49 | 1/4 | 2,405.46 | 1/4 | 2,762.32 | 1/4 | 3,119.12 | 1/4 | 3,469.75 |
| 1/2 | 283.57 | 1/2 | 641.01 | 1/2 | 991.74 | 1/2 | 1,342.25 | 1/2 | 1,699.43 | 1/2 | 2,055.91 | 1/2 | 2,412.91 | 1/2 | 2,769.75 | 1/2 | 3,126.55 | 1/2 | 3,475.96 |
| 3/4 | 291.03 | 3/4 | 648.46 | 3/4 | 998.89 | 3/4 | 1,349.69 | 3/4 | 1,706.87 | 3/4 | 2,063.32 | 3/4 | 2,420.35 | 3/4 | 2,777.19 | 3/4 | 3,133.98 | 3/4 | 3,482.17 |
| 10 | 298.48 | 10 | 655.91 | 10 | 1,006.04 | 10 | 1,357.13 | 10 | 1,714.31 | 10 | 2,070.74 | 10 | 2,427.79 | 10 | 2,784.62 | 10 | 3,141.41 | 10 | 3,488.37 |
| 1/4 | 305.93 | 1/4 | 663.35 | 1/4 | 1,013.19 | 1/4 | 1,364.57 | 1/4 | 1,721.75 | 1/4 | 2,078.16 | 1/4 | 2,435.23 | 1/4 | 2,792.05 | 1/4 | 3,148.85 | 1/4 | 3,494.11 |
| 1/2 | 313.38 | 1/2 | 670.80 | 1/2 | 1,020.34 | 1/2 | 1,372.01 | 1/2 | 1,729.19 | 1/2 | 2,085.58 | 1/2 | 2,442.66 | 1/2 | 2,799.49 | 1/2 | 3,156.28 | 1/2 | 3,499.85 |
| 3/4 | 320.82 | 3/4 | 678.24 | 3/4 | 1,027.49 | 3/4 | 1,379.45 | 3/4 | 1,736.63 | 3/4 | 2,093.00 | 3/4 | 2,450.10 | 3/4 | 2,806.92 | 3/4 | 3,163.71 | 3/4 | 3,505.59 |
| 11 | 328.27 | 11 | 685.69 | 11 | 1,034.64 | 11 | 1,386.89 | 11 | 1,744.08 | 11 | 2,100.41 | 11 | 2,457.53 | 11 | 2,814.35 | 11 | 3,171.15 | 11 | 3,511.33 |
| 1/4 | 335.72 | 1/4 | 693.14 | 1/4 | 1,041.79 | 1/4 | 1,394.33 | 1/4 | 1,751.50 | 1/4 | 2,107.85 | 1/4 | 2,464.97 | 1/4 | 2,821.79 | 1/4 | 3,178.58 | 1/4 | 3,516.60 |
| 1/2 | 343.16 | 1/2 | 700.58 | 1/2 | 1,048.94 | 1/2 | 1,401.78 | 1/2 | 1,758.93 | 1/2 | 2,115.29 | 1/2 | 2,472.40 | 1/2 | 2,829.22 | 1/2 | 3,186.01 | 1/2 | 3,521.86 |
| 3/4 | 350.61 | 3/4 | 708.03 | 3/4 | 1,056.09 | 3/4 | 1,409.22 | 3/4 | 1,766.35 | 3/4 | 2,122.73 | 3/4 | 2,479.83 | 3/4 | 2,836.65 | 3/4 | 3,193.45 | 3/4 | 3,527.12 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29142"

3 PORT

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,532.38 | 0 | 3,753.08 | 0 | 3,972.42 | 0 | 4,191.56 | 0 | 4,409.60 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,537.19 | 1/4 | 3,757.66 | 1/4 | 3,976.99 | 1/4 | 4,196.12 | 1/4 | 4,414.07 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,542.01 | 1/2 | 3,762.24 | 1/2 | 3,981.55 | 1/2 | 4,200.69 | 1/2 | 4,418.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,546.83 | 3/4 | 3,766.82 | 3/4 | 3,986.12 | 3/4 | 4,205.25 | 3/4 | 4,423.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,551.65 | 1 | 3,771.40 | 1 | 3,990.68 | 1 | 4,209.82 | 1 | 4,427.51 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,556.23 | 1/4 | 3,775.97 | 1/4 | 3,995.25 | 1/4 | 4,214.38 | 1/4 | 4,431.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,560.80 | 1/2 | 3,780.55 | 1/2 | 3,999.82 | 1/2 | 4,218.95 | 1/2 | 4,435.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,565.38 | 3/4 | 3,785.13 | 3/4 | 4,004.38 | 3/4 | 4,223.52 | 3/4 | 4,439.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,569.96 | 2 | 3,789.71 | 2 | 4,008.95 | 2 | 4,228.08 | 2 | 4,443.30 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,574.54 | 1/4 | 3,794.29 | 1/4 | 4,013.51 | 1/4 | 4,232.65 | 1/4 | 4,446.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,579.12 | 1/2 | 3,798.87 | 1/2 | 4,018.08 | 1/2 | 4,237.21 | 1/2 | 4,449.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,583.69 | 3/4 | 3,803.44 | 3/4 | 4,022.64 | 3/4 | 4,241.78 | 3/4 | 4,452.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,588.27 | 3 | 3,808.02 | 3 | 4,027.21 | 3 | 4,246.34 | 3 | 4,456.05 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,592.85 | 1/4 | 3,812.60 | 1/4 | 4,031.77 | 1/4 | 4,250.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,597.43 | 1/2 | 3,817.18 | 1/2 | 4,036.34 | 1/2 | 4,255.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,602.01 | 3/4 | 3,821.76 | 3/4 | 4,040.90 | 3/4 | 4,260.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,606.59 | 4 | 3,826.33 | 4 | 4,045.47 | 4 | 4,264.60 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,611.16 | 1/4 | 3,830.90 | 1/4 | 4,050.03 | 1/4 | 4,269.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,615.74 | 1/2 | 3,835.46 | 1/2 | 4,054.60 | 1/2 | 4,273.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,620.32 | 3/4 | 3,840.03 | 3/4 | 4,059.16 | 3/4 | 4,278.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,624.90 | 5 | 3,844.60 | 5 | 4,063.73 | 5 | 4,282.86 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,629.48 | 1/4 | 3,849.16 | 1/4 | 4,068.30 | 1/4 | 4,287.43 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,634.05 | 1/2 | 3,853.73 | 1/2 | 4,072.86 | 1/2 | 4,291.99 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,638.63 | 3/4 | 3,858.29 | 3/4 | 4,077.43 | 3/4 | 4,296.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,643.21 | 6 | 3,862.86 | 6 | 4,081.99 | 6 | 4,301.13 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,647.79 | 1/4 | 3,867.42 | 1/4 | 4,086.56 | 1/4 | 4,305.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,652.37 | 1/2 | 3,871.99 | 1/2 | 4,091.12 | 1/2 | 4,310.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,656.94 | 3/4 | 3,876.55 | 3/4 | 4,095.69 | 3/4 | 4,314.69 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,661.52 | 7 | 3,881.12 | 7 | 4,100.25 | 7 | 4,319.21 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,666.10 | 1/4 | 3,885.68 | 1/4 | 4,104.82 | 1/4 | 4,323.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,670.68 | 1/2 | 3,890.25 | 1/2 | 4,109.38 | 1/2 | 4,328.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,675.26 | 3/4 | 3,894.81 | 3/4 | 4,113.95 | 3/4 | 4,332.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,679.83 | 8 | 3,899.38 | 8 | 4,118.51 | 8 | 4,337.29 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,684.41 | 1/4 | 3,903.94 | 1/4 | 4,123.08 | 1/4 | 4,341.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,688.99 | 1/2 | 3,908.51 | 1/2 | 4,127.64 | 1/2 | 4,346.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,693.57 | 3/4 | 3,913.07 | 3/4 | 4,132.21 | 3/4 | 4,350.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,698.15 | 9 | 3,917.64 | 9 | 4,136.77 | 9 | 4,355.37 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,702.73 | 1/4 | 3,922.21 | 1/4 | 4,141.34 | 1/4 | 4,359.90 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,707.30 | 1/2 | 3,926.77 | 1/2 | 4,145.91 | 1/2 | 4,364.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,711.88 | 3/4 | 3,931.34 | 3/4 | 4,150.47 | 3/4 | 4,368.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,716.46 | 10 | 3,935.90 | 10 | 4,155.04 | 10 | 4,373.46 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,721.04 | 1/4 | 3,940.47 | 1/4 | 4,159.60 | 1/4 | 4,377.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,725.62 | 1/2 | 3,945.03 | 1/2 | 4,164.17 | 1/2 | 4,382.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,730.19 | 3/4 | 3,949.60 | 3/4 | 4,168.73 | 3/4 | 4,387.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,734.77 | 11 | 3,954.16 | 11 | 4,173.30 | 11 | 4,391.55 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,739.35 | 1/4 | 3,958.73 | 1/4 | 4,177.86 | 1/4 | 4,396.06 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,743.93 | 1/2 | 3,963.29 | 1/2 | 4,182.43 | 1/2 | 4,400.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,748.51 | 3/4 | 3,967.86 | 3/4 | 4,186.99 | 3/4 | 4,405.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 STBD INNAGE TABLE

HERMETIC GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 15.25 | 0 | 357.46 | 0 | 714.75 | 0 | 1,071.64 | 0 | 1,428.84 | 0 | 1,786.14 | 0 | 2,143.44 | 0 | 2,500.67 | 0 | 2,857.49 | 0 | 3,214.30 |
| 1/4 | 19.90 | 1/4 | 364.90 | 1/4 | 722.19 | 1/4 | 1,079.07 | 1/4 | 1,436.28 | 1/4 | 1,793.58 | 1/4 | 2,150.88 | 1/4 | 2,508.10 | 1/4 | 2,864.92 | 1/4 | 3,221.70 |
| 1/2 | 24.56 | 1/2 | 372.34 | 1/2 | 729.64 | 1/2 | 1,086.50 | 1/2 | 1,443.72 | 1/2 | 1,801.03 | 1/2 | 2,158.33 | 1/2 | 2,515.53 | 1/2 | 2,872.36 | 1/2 | 3,229.11 |
| 3/4 | 29.21 | 3/4 | 379.79 | 3/4 | 737.08 | 3/4 | 1,093.92 | 3/4 | 1,451.17 | 3/4 | 1,808.47 | 3/4 | 2,165.77 | 3/4 | 2,522.97 | 3/4 | 2,879.79 | 3/4 | 3,236.51 |
| 1 | 33.86 | 1 | 387.23 | 1 | 744.52 | 1 | 1,101.35 | 1 | 1,458.61 | 1 | 1,815.91 | 1 | 2,173.22 | 1 | 2,530.40 | 1 | 2,887.22 | 1 | 3,243.92 |
| 1/4 | 40.37 | 1/4 | 394.68 | 1/4 | 751.97 | 1/4 | 1,108.79 | 1/4 | 1,466.05 | 1/4 | 1,823.36 | 1/4 | 2,180.66 | 1/4 | 2,537.84 | 1/4 | 2,894.66 | 1/4 | 3,251.32 |
| 1/2 | 46.88 | 1/2 | 402.12 | 1/2 | 759.41 | 1/2 | 1,116.23 | 1/2 | 1,473.50 | 1/2 | 1,830.80 | 1/2 | 2,188.10 | 1/2 | 2,545.27 | 1/2 | 2,902.09 | 1/2 | 3,258.73 |
| 3/4 | 53.40 | 3/4 | 409.56 | 3/4 | 766.86 | 3/4 | 1,123.67 | 3/4 | 1,480.94 | 3/4 | 1,838.24 | 3/4 | 2,195.55 | 3/4 | 2,552.71 | 3/4 | 2,909.52 | 3/4 | 3,266.13 |
| 2 | 59.91 | 2 | 417.01 | 2 | 774.30 | 2 | 1,131.11 | 2 | 1,488.39 | 2 | 1,845.69 | 2 | 2,202.99 | 2 | 2,560.14 | 2 | 2,916.96 | 2 | 3,273.54 |
| 1/4 | 67.31 | 1/4 | 424.45 | 1/4 | 781.74 | 1/4 | 1,138.54 | 1/4 | 1,495.83 | 1/4 | 1,853.13 | 1/4 | 2,210.43 | 1/4 | 2,567.57 | 1/4 | 2,924.39 | 1/4 | 3,280.94 |
| 1/2 | 74.72 | 1/2 | 431.89 | 1/2 | 789.19 | 1/2 | 1,145.98 | 1/2 | 1,503.27 | 1/2 | 1,860.58 | 1/2 | 2,217.88 | 1/2 | 2,575.01 | 1/2 | 2,931.82 | 1/2 | 3,288.35 |
| 3/4 | 82.13 | 3/4 | 439.34 | 3/4 | 796.63 | 3/4 | 1,153.42 | 3/4 | 1,510.72 | 3/4 | 1,868.02 | 3/4 | 2,225.32 | 3/4 | 2,582.44 | 3/4 | 2,939.26 | 3/4 | 3,295.75 |
| 3 | 89.54 | 3 | 446.78 | 3 | 804.07 | 3 | 1,160.86 | 3 | 1,518.16 | 3 | 1,875.46 | 3 | 2,232.77 | 3 | 2,589.88 | 3 | 2,946.69 | 3 | 3,303.16 |
| 1/4 | 96.97 | 1/4 | 454.22 | 1/4 | 811.52 | 1/4 | 1,168.30 | 1/4 | 1,525.61 | 1/4 | 1,882.91 | 1/4 | 2,240.21 | 1/4 | 2,597.31 | 1/4 | 2,954.12 | 1/4 | 3,310.56 |
| 1/2 | 104.40 | 1/2 | 461.67 | 1/2 | 818.96 | 1/2 | 1,175.75 | 1/2 | 1,533.05 | 1/2 | 1,890.35 | 1/2 | 2,247.65 | 1/2 | 2,604.74 | 1/2 | 2,961.56 | 1/2 | 3,317.97 |
| 3/4 | 111.84 | 3/4 | 469.11 | 3/4 | 826.40 | 3/4 | 1,183.19 | 3/4 | 1,540.49 | 3/4 | 1,897.80 | 3/4 | 2,255.10 | 3/4 | 2,612.18 | 3/4 | 2,968.99 | 3/4 | 3,325.37 |
| 4 | 119.27 | 4 | 476.55 | 4 | 833.85 | 4 | 1,190.63 | 4 | 1,547.94 | 4 | 1,905.24 | 4 | 2,262.54 | 4 | 2,619.61 | 4 | 2,976.42 | 4 | 3,332.78 |
| 1/4 | 126.71 | 1/4 | 484.00 | 1/4 | 841.29 | 1/4 | 1,198.08 | 1/4 | 1,555.38 | 1/4 | 1,912.68 | 1/4 | 2,269.99 | 1/4 | 2,627.05 | 1/4 | 2,983.86 | 1/4 | 3,340.18 |
| 1/2 | 134.15 | 1/2 | 491.44 | 1/2 | 848.73 | 1/2 | 1,205.52 | 1/2 | 1,562.82 | 1/2 | 1,920.13 | 1/2 | 2,277.43 | 1/2 | 2,634.48 | 1/2 | 2,991.29 | 1/2 | 3,347.59 |
| 3/4 | 141.59 | 3/4 | 498.89 | 3/4 | 856.18 | 3/4 | 1,212.97 | 3/4 | 1,570.27 | 3/4 | 1,927.57 | 3/4 | 2,284.87 | 3/4 | 2,641.92 | 3/4 | 2,998.72 | 3/4 | 3,354.99 |
| 5 | 149.04 | 5 | 506.33 | 5 | 863.62 | 5 | 1,220.41 | 5 | 1,577.71 | 5 | 1,935.01 | 5 | 2,292.32 | 5 | 2,649.35 | 5 | 3,006.16 | 5 | 3,362.40 |
| 1/4 | 156.48 | 1/4 | 513.77 | 1/4 | 871.05 | 1/4 | 1,227.85 | 1/4 | 1,585.16 | 1/4 | 1,942.46 | 1/4 | 2,299.76 | 1/4 | 2,656.78 | 1/4 | 3,013.59 | 1/4 | 3,369.80 |
| 1/2 | 163.92 | 1/2 | 521.22 | 1/2 | 878.48 | 1/2 | 1,235.30 | 1/2 | 1,592.60 | 1/2 | 1,949.90 | 1/2 | 2,307.20 | 1/2 | 2,664.22 | 1/2 | 3,021.03 | 1/2 | 3,377.20 |
| 3/4 | 171.37 | 3/4 | 528.66 | 3/4 | 885.91 | 3/4 | 1,242.74 | 3/4 | 1,600.04 | 3/4 | 1,957.35 | 3/4 | 2,314.65 | 3/4 | 2,671.65 | 3/4 | 3,028.46 | 3/4 | 3,384.60 |
| 6 | 178.81 | 6 | 536.10 | 6 | 893.34 | 6 | 1,250.18 | 6 | 1,607.49 | 6 | 1,964.79 | 6 | 2,322.09 | 6 | 2,679.08 | 6 | 3,035.89 | 6 | 3,392.00 |
| 1/4 | 186.25 | 1/4 | 543.55 | 1/4 | 900.77 | 1/4 | 1,257.63 | 1/4 | 1,614.93 | 1/4 | 1,972.23 | 1/4 | 2,329.54 | 1/4 | 2,686.52 | 1/4 | 3,043.33 | 1/4 | 3,399.39 |
| 1/2 | 193.70 | 1/2 | 550.99 | 1/2 | 908.20 | 1/2 | 1,265.07 | 1/2 | 1,622.37 | 1/2 | 1,979.68 | 1/2 | 2,336.98 | 1/2 | 2,693.95 | 1/2 | 3,050.76 | 1/2 | 3,406.78 |
| 3/4 | 201.14 | 3/4 | 558.43 | 3/4 | 915.63 | 3/4 | 1,272.52 | 3/4 | 1,629.82 | 3/4 | 1,987.12 | 3/4 | 2,344.42 | 3/4 | 2,701.38 | 3/4 | 3,058.19 | 3/4 | 3,414.17 |
| 7 | 208.59 | 7 | 565.88 | 7 | 923.05 | 7 | 1,279.96 | 7 | 1,637.26 | 7 | 1,994.56 | 7 | 2,351.87 | 7 | 2,708.82 | 7 | 3,065.63 | 7 | 3,421.57 |
| 1/4 | 216.03 | 1/4 | 573.32 | 1/4 | 930.48 | 1/4 | 1,287.40 | 1/4 | 1,644.71 | 1/4 | 2,002.01 | 1/4 | 2,359.31 | 1/4 | 2,716.25 | 1/4 | 3,073.06 | 1/4 | 3,428.73 |
| 1/2 | 223.47 | 1/2 | 580.77 | 1/2 | 937.91 | 1/2 | 1,294.85 | 1/2 | 1,652.15 | 1/2 | 2,009.45 | 1/2 | 2,366.75 | 1/2 | 2,723.69 | 1/2 | 3,080.49 | 1/2 | 3,435.90 |
| 3/4 | 230.92 | 3/4 | 588.21 | 3/4 | 945.34 | 3/4 | 1,302.29 | 3/4 | 1,659.59 | 3/4 | 2,016.90 | 3/4 | 2,374.20 | 3/4 | 2,731.12 | 3/4 | 3,087.93 | 3/4 | 3,443.06 |
| 8 | 238.36 | 8 | 595.65 | 8 | 952.77 | 8 | 1,309.73 | 8 | 1,667.04 | 8 | 2,024.34 | 8 | 2,381.64 | 8 | 2,738.55 | 8 | 3,095.36 | 8 | 3,450.23 |
| 1/4 | 245.80 | 1/4 | 603.10 | 1/4 | 960.20 | 1/4 | 1,317.18 | 1/4 | 1,674.48 | 1/4 | 2,031.78 | 1/4 | 2,389.09 | 1/4 | 2,745.99 | 1/4 | 3,102.79 | 1/4 | 3,456.91 |
| 1/2 | 253.25 | 1/2 | 610.54 | 1/2 | 967.63 | 1/2 | 1,324.62 | 1/2 | 1,681.92 | 1/2 | 2,039.23 | 1/2 | 2,396.53 | 1/2 | 2,753.42 | 1/2 | 3,110.23 | 1/2 | 3,463.60 |
| 3/4 | 260.69 | 3/4 | 617.98 | 3/4 | 975.06 | 3/4 | 1,332.07 | 3/4 | 1,689.37 | 3/4 | 2,046.67 | 3/4 | 2,403.97 | 3/4 | 2,760.85 | 3/4 | 3,117.66 | 3/4 | 3,470.29 |
| 9 | 268.13 | 9 | 625.43 | 9 | 982.49 | 9 | 1,339.51 | 9 | 1,696.81 | 9 | 2,054.11 | 9 | 2,411.42 | 9 | 2,768.29 | 9 | 3,125.09 | 9 | 3,476.97 |
| 1/4 | 275.58 | 1/4 | 632.87 | 1/4 | 989.92 | 1/4 | 1,346.95 | 1/4 | 1,704.26 | 1/4 | 2,061.56 | 1/4 | 2,418.86 | 1/4 | 2,775.72 | 1/4 | 3,132.53 | 1/4 | 3,483.18 |
| 1/2 | 283.02 | 1/2 | 640.31 | 1/2 | 997.35 | 1/2 | 1,354.40 | 1/2 | 1,711.70 | 1/2 | 2,069.00 | 1/2 | 2,426.30 | 1/2 | 2,783.15 | 1/2 | 3,139.96 | 1/2 | 3,489.39 |
| 3/4 | 290.46 | 3/4 | 647.76 | 3/4 | 1,004.77 | 3/4 | 1,361.84 | 3/4 | 1,719.14 | 3/4 | 2,076.45 | 3/4 | 2,433.75 | 3/4 | 2,790.59 | 3/4 | 3,147.39 | 3/4 | 3,495.60 |
| 10 | 297.91 | 10 | 655.20 | 10 | 1,012.20 | 10 | 1,369.29 | 10 | 1,726.59 | 10 | 2,083.89 | 10 | 2,441.19 | 10 | 2,798.02 | 10 | 3,154.83 | 10 | 3,501.81 |
| 1/4 | 305.35 | 1/4 | 662.64 | 1/4 | 1,019.63 | 1/4 | 1,376.73 | 1/4 | 1,734.03 | 1/4 | 2,091.33 | 1/4 | 2,448.63 | 1/4 | 2,805.45 | 1/4 | 3,162.26 | 1/4 | 3,507.54 |
| 1/2 | 312.80 | 1/2 | 670.09 | 1/2 | 1,027.06 | 1/2 | 1,384.17 | 1/2 | 1,741.48 | 1/2 | 2,098.78 | 1/2 | 2,456.06 | 1/2 | 2,812.89 | 1/2 | 3,169.70 | 1/2 | 3,513.27 |
| 3/4 | 320.24 | 3/4 | 677.53 | 3/4 | 1,034.49 | 3/4 | 1,391.62 | 3/4 | 1,748.92 | 3/4 | 2,106.22 | 3/4 | 2,463.50 | 3/4 | 2,820.32 | 3/4 | 3,177.13 | 3/4 | 3,519.00 |
| 11 | 327.68 | 11 | 684.98 | 11 | 1,041.92 | 11 | 1,399.06 | 11 | 1,756.36 | 11 | 2,113.67 | 11 | 2,470.93 | 11 | 2,827.75 | 11 | 3,184.56 | 11 | 3,524.72 |
| 1/4 | 335.13 | 1/4 | 692.42 | 1/4 | 1,049.35 | 1/4 | 1,406.50 | 1/4 | 1,763.81 | 1/4 | 2,121.11 | 1/4 | 2,478.36 | 1/4 | 2,835.19 | 1/4 | 3,192.00 | 1/4 | 3,529.98 |
| 1/2 | 342.57 | 1/2 | 699.86 | 1/2 | 1,056.78 | 1/2 | 1,413.95 | 1/2 | 1,771.25 | 1/2 | 2,128.55 | 1/2 | 2,485.80 | 1/2 | 2,842.62 | 1/2 | 3,199.43 | 1/2 | 3,535.23 |
| 3/4 | 350.01 | 3/4 | 707.31 | 3/4 | 1,064.21 | 3/4 | 1,421.39 | 3/4 | 1,778.69 | 3/4 | 2,136.00 | 3/4 | 2,493.23 | 3/4 | 2,850.05 | 3/4 | 3,206.86 | 3/4 | 3,540.48 |

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
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

3 STBD

INNAGE TABLE HERMETIC

GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,545.73 | 0 | 3,766.04 | 0 | 3,984.99 | 0 | 4,203.74 | 0 | 4,421.38 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,550.54 | 1/4 | 3,770.61 | 1/4 | 3,989.55 | 1/4 | 4,208.30 | 1/4 | 4,425.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,555.35 | 1/2 | 3,775.18 | 1/2 | 3,994.11 | 1/2 | 4,212.86 | 1/2 | 4,430.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,560.16 | 3/4 | 3,779.75 | 3/4 | 3,998.66 | 3/4 | 4,217.41 | 3/4 | 4,434.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,564.96 | 1 | 3,784.32 | 1 | 4,003.22 | 1 | 4,221.97 | 1 | 4,439.26 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,569.53 | 1/4 | 3,788.89 | 1/4 | 4,007.78 | 1/4 | 4,226.53 | 1/4 | 4,443.20 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,574.10 | 1/2 | 3,793.46 | 1/2 | 4,012.34 | 1/2 | 4,231.09 | 1/2 | 4,447.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,578.67 | 3/4 | 3,798.03 | 3/4 | 4,016.89 | 3/4 | 4,235.64 | 3/4 | 4,451.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,583.24 | 2 | 3,802.60 | 2 | 4,021.45 | 2 | 4,240.20 | 2 | 4,455.03 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,587.81 | 1/4 | 3,807.17 | 1/4 | 4,026.01 | 1/4 | 4,244.76 | 1/4 | 4,458.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,592.38 | 1/2 | 3,811.74 | 1/2 | 4,030.57 | 1/2 | 4,249.32 | 1/2 | 4,461.39 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,596.95 | 3/4 | 3,816.31 | 3/4 | 4,035.12 | 3/4 | 4,253.87 | 3/4 | 4,464.57 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,601.52 | 3 | 3,820.88 | 3 | 4,039.68 | 3 | 4,258.43 | 3 | 4,467.75 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,606.09 | 1/4 | 3,825.45 | 1/4 | 4,044.24 | 1/4 | 4,262.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,610.66 | 1/2 | 3,830.02 | 1/2 | 4,048.79 | 1/2 | 4,267.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,615.23 | 3/4 | 3,834.59 | 3/4 | 4,053.35 | 3/4 | 4,272.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,619.80 | 4 | 3,839.16 | 4 | 4,057.91 | 4 | 4,276.66 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,624.37 | 1/4 | 3,843.72 | 1/4 | 4,062.47 | 1/4 | 4,281.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.94 | 1/2 | 3,848.27 | 1/2 | 4,067.02 | 1/2 | 4,285.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,633.51 | 3/4 | 3,852.83 | 3/4 | 4,071.58 | 3/4 | 4,290.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,638.08 | 5 | 3,857.39 | 5 | 4,076.14 | 5 | 4,294.89 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,642.65 | 1/4 | 3,861.95 | 1/4 | 4,080.70 | 1/4 | 4,299.45 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,647.22 | 1/2 | 3,866.50 | 1/2 | 4,085.25 | 1/2 | 4,304.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,651.79 | 3/4 | 3,871.06 | 3/4 | 4,089.81 | 3/4 | 4,308.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,656.36 | 6 | 3,875.62 | 6 | 4,094.37 | 6 | 4,313.12 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,660.93 | 1/4 | 3,880.17 | 1/4 | 4,098.92 | 1/4 | 4,317.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,665.50 | 1/2 | 3,884.73 | 1/2 | 4,103.48 | 1/2 | 4,322.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,670.07 | 3/4 | 3,889.29 | 3/4 | 4,108.04 | 3/4 | 4,326.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,674.64 | 7 | 3,893.85 | 7 | 4,112.60 | 7 | 4,331.17 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,679.21 | 1/4 | 3,898.40 | 1/4 | 4,117.15 | 1/4 | 4,335.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,683.78 | 1/2 | 3,902.96 | 1/2 | 4,121.71 | 1/2 | 4,340.19 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,688.35 | 3/4 | 3,907.52 | 3/4 | 4,126.27 | 3/4 | 4,344.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,692.92 | 8 | 3,912.08 | 8 | 4,130.83 | 8 | 4,349.21 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,697.49 | 1/4 | 3,916.63 | 1/4 | 4,135.38 | 1/4 | 4,353.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,702.06 | 1/2 | 3,921.19 | 1/2 | 4,139.94 | 1/2 | 4,358.24 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,706.63 | 3/4 | 3,925.75 | 3/4 | 4,144.50 | 3/4 | 4,362.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,711.20 | 9 | 3,930.30 | 9 | 4,149.06 | 9 | 4,367.26 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,715.77 | 1/4 | 3,934.86 | 1/4 | 4,153.61 | 1/4 | 4,371.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,720.34 | 1/2 | 3,939.42 | 1/2 | 4,158.17 | 1/2 | 4,376.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,724.91 | 3/4 | 3,943.98 | 3/4 | 4,162.73 | 3/4 | 4,380.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,729.48 | 10 | 3,948.53 | 10 | 4,167.28 | 10 | 4,385.31 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,734.05 | 1/4 | 3,953.09 | 1/4 | 4,171.84 | 1/4 | 4,389.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,738.62 | 1/2 | 3,957.65 | 1/2 | 4,176.40 | 1/2 | 4,394.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,743.19 | 3/4 | 3,962.21 | 3/4 | 4,180.96 | 3/4 | 4,398.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,747.76 | 11 | 3,966.76 | 11 | 4,185.51 | 11 | 4,403.36 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,752.33 | 1/4 | 3,971.32 | 1/4 | 4,190.07 | 1/4 | 4,407.87 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,756.90 | 1/2 | 3,975.88 | 1/2 | 4,194.63 | 1/2 | 4,412.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,761.47 | 3/4 | 3,980.44 | 3/4 | 4,199.19 | 3/4 | 4,416.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0 | 0 | 0 | 100 | 0 | 257 | 0 | 412 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1 | 1/4 | 103 | 1/4 | 260 | 1/4 | 415 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1 | 1/2 | 106 | 1/2 | 263 | 1/2 | 417 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2 | 3/4 | 109 | 3/4 | 267 | 3/4 | 420 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3 | 1 | 112 | 1 | 270 | 1 | 423 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 4 | 1/4 | 115 | 1/4 | 273 | 1/4 | 426 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5 | 1/2 | 119 | 1/2 | 277 | 1/2 | 429 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 6 | 3/4 | 122 | 3/4 | 280 | 3/4 | 431 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 7 | 2 | 125 | 2 | 284 | 2 | 434 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 9 | 1/4 | 128 | 1/4 | 287 | 1/4 | 437 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 10 | 1/2 | 131 | 1/2 | 290 | 1/2 | 440 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 12 | 3/4 | 134 | 3/4 | 294 | 3/4 | 442 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 13 | 3 | 137 | 3 | 297 | 3 | 445 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 15 | 1/4 | 140 | 1/4 | 300 | 1/4 | 447 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 17 | 1/2 | 144 | 1/2 | 304 | 1/2 | 450 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 19 | 3/4 | 147 | 3/4 | 307 | 3/4 | 452 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 20 | 4 | 150 | 4 | 311 | 4 | 455 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 22 | 1/4 | 153 | 1/4 | 314 | 1/4 | 457 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 24 | 1/2 | 156 | 1/2 | 317 | 1/2 | 460 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 26 | 3/4 | 160 | 3/4 | 320 | 3/4 | 462 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 28 | 5 | 163 | 5 | 324 | 5 | 465 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 31 | 1/4 | 166 | 1/4 | 327 | 1/4 | 467 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 33 | 1/2 | 169 | 1/2 | 330 | 1/2 | 469 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 35 | 3/4 | 173 | 3/4 | 334 | 3/4 | 471 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 37 | 6 | 176 | 6 | 337 | 6 | 474 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 39 | 1/4 | 179 | 1/4 | 340 | 1/4 | 476 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 42 | 1/2 | 183 | 1/2 | 343 | 1/2 | 478 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 44 | 3/4 | 186 | 3/4 | 347 | 3/4 | 480 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 46 | 7 | 189 | 7 | 350 | 7 | 482 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 49 | 1/4 | 192 | 1/4 | 353 | 1/4 | 484 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 51 | 1/2 | 196 | 1/2 | 356 | 1/2 | 486 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54 | 3/4 | 199 | 3/4 | 360 | 3/4 | 488 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 56 | 8 | 202 | 8 | 363 | 8 | 489 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 59 | 1/4 | 206 | 1/4 | 366 | 1/4 | 491 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 62 | 1/2 | 209 | 1/2 | 369 | 1/2 | 493 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 64 | 3/4 | 213 | 3/4 | 372 | 3/4 | 494 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 67 | 9 | 216 | 9 | 375 | 9 | 496 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 69 | 1/4 | 219 | 1/4 | 379 | 1/4 | 497 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72 | 1/2 | 223 | 1/2 | 382 | 1/2 | 499 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75 | 3/4 | 226 | 3/4 | 385 | 3/4 | 500 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 78 | 10 | 229 | 10 | 388 | 10 | 502 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 80 | 1/4 | 233 | 1/4 | 391 | 1/4 | 502 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83 | 1/2 | 236 | 1/2 | 394 | 1/2 | 502 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 86 | 3/4 | 240 | 3/4 | 397 | 3/4 | 502 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 89 | 11 | 243 | 11 | 400 | 11 | 502 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 92 | 1/4 | 246 | 1/4 | 403 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 95 | 1/2 | 250 | 1/2 | 406 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 98 | 3/4 | 253 | 3/4 | 409 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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 INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

STRAPPED: 12/21/2018 CL
 CALCULATED: 01/07/2019 CL
 PRINTED: 01/07/2019

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 29142"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0 | 0 | 0 | 433 | 0 | 1,021 | 0 | 1,641 | 0 | 2,206 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 5 | 1/4 | 444 | 1/4 | 1,034 | 1/4 | 1,653 | 1/4 | 2,216 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 11 | 1/2 | 456 | 1/2 | 1,047 | 1/2 | 1,666 | 1/2 | 2,227 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 16 | 3/4 | 467 | 3/4 | 1,060 | 3/4 | 1,678 | 3/4 | 2,237 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 1 | 21 | 1 | 479 | 1 | 1,073 | 1 | 1,691 | 1 | 2,247 | 1 | | 1 | | 1 | 1 | 1 | | 1 | |
| 1/4 | 28 | 1/4 | 490 | 1/4 | 1,086 | 1/4 | 1,703 | 1/4 | 2,257 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 35 | 1/2 | 502 | 1/2 | 1,099 | 1/2 | 1,716 | 1/2 | 2,267 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 41 | 3/4 | 513 | 3/4 | 1,111 | 3/4 | 1,729 | 3/4 | 2,277 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 2 | 48 | 2 | 525 | 2 | 1,124 | 2 | 1,741 | 2 | 2,287 | 2 | | 2 | | 2 | 2 | 2 | | 2 | |
| 1/4 | 56 | 1/4 | 537 | 1/4 | 1,137 | 1/4 | 1,753 | 1/4 | 2,297 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 63 | 1/2 | 549 | 1/2 | 1,150 | 1/2 | 1,766 | 1/2 | 2,306 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 71 | 3/4 | 560 | 3/4 | 1,163 | 3/4 | 1,778 | 3/4 | 2,316 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 3 | 78 | 3 | 572 | 3 | 1,176 | 3 | 1,791 | 3 | 2,326 | 3 | | 3 | | 3 | 3 | 3 | | 3 | |
| 1/4 | 86 | 1/4 | 584 | 1/4 | 1,189 | 1/4 | 1,803 | 1/4 | 2,335 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 95 | 1/2 | 596 | 1/2 | 1,202 | 1/2 | 1,815 | 1/2 | 2,344 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 103 | 3/4 | 608 | 3/4 | 1,215 | 3/4 | 1,827 | 3/4 | 2,353 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 4 | 111 | 4 | 620 | 4 | 1,228 | 4 | 1,840 | 4 | 2,362 | 4 | | 4 | | 4 | 4 | 4 | | 4 | |
| 1/4 | 120 | 1/4 | 632 | 1/4 | 1,241 | 1/4 | 1,852 | 1/4 | 2,371 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 128 | 1/2 | 644 | 1/2 | 1,254 | 1/2 | 1,864 | 1/2 | 2,380 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 137 | 3/4 | 656 | 3/4 | 1,267 | 3/4 | 1,876 | 3/4 | 2,389 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 5 | 146 | 5 | 669 | 5 | 1,280 | 5 | 1,888 | 5 | 2,397 | 5 | | 5 | | 5 | 5 | 5 | | 5 | |
| 1/4 | 155 | 1/4 | 681 | 1/4 | 1,293 | 1/4 | 1,900 | 1/4 | 2,406 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 164 | 1/2 | 693 | 1/2 | 1,306 | 1/2 | 1,912 | 1/2 | 2,414 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 173 | 3/4 | 705 | 3/4 | 1,319 | 3/4 | 1,924 | 3/4 | 2,422 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 6 | 183 | 6 | 718 | 6 | 1,332 | 6 | 1,936 | 6 | 2,430 | 6 | | 6 | | 6 | 6 | 6 | | 6 | |
| 1/4 | 192 | 1/4 | 730 | 1/4 | 1,345 | 1/4 | 1,948 | 1/4 | 2,438 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 202 | 1/2 | 742 | 1/2 | 1,358 | 1/2 | 1,960 | 1/2 | 2,445 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 211 | 3/4 | 755 | 3/4 | 1,371 | 3/4 | 1,971 | 3/4 | 2,453 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 7 | 221 | 7 | 767 | 7 | 1,384 | 7 | 1,983 | 7 | 2,460 | 7 | | 7 | | 7 | 7 | 7 | | 7 | |
| 1/4 | 231 | 1/4 | 780 | 1/4 | 1,397 | 1/4 | 1,995 | 1/4 | 2,467 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 241 | 1/2 | 792 | 1/2 | 1,410 | 1/2 | 2,006 | 1/2 | 2,473 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 251 | 3/4 | 805 | 3/4 | 1,423 | 3/4 | 2,018 | 3/4 | 2,480 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 8 | 261 | 8 | 817 | 8 | 1,436 | 8 | 2,030 | 8 | 2,487 | 8 | | 8 | | 8 | 8 | 8 | | 8 | |
| 1/4 | 271 | 1/4 | 830 | 1/4 | 1,449 | 1/4 | 2,041 | 1/4 | 2,492 | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 282 | 1/2 | 843 | 1/2 | 1,461 | 1/2 | 2,052 | 1/2 | 2,498 | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 292 | 3/4 | 855 | 3/4 | 1,474 | 3/4 | 2,064 | 3/4 | 2,503 | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 9 | 302 | 9 | 868 | 9 | 1,487 | 9 | 2,075 | 9 | 2,508 | 9 | | 9 | | 9 | 9 | 9 | | 9 | |
| 1/4 | 313 | 1/4 | 880 | 1/4 | 1,500 | 1/4 | 2,086 | 1/4 | | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 324 | 1/2 | 893 | 1/2 | 1,513 | 1/2 | 2,098 | 1/2 | | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 334 | 3/4 | 906 | 3/4 | 1,526 | 3/4 | 2,109 | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 10 | 345 | 10 | 919 | 10 | 1,539 | 10 | 2,120 | 10 | | 10 | | 10 | | 10 | 10 | 10 | | 10 | |
| 1/4 | 356 | 1/4 | 931 | 1/4 | 1,551 | 1/4 | 2,131 | 1/4 | | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 367 | 1/2 | 944 | 1/2 | 1,564 | 1/2 | 2,142 | 1/2 | | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 378 | 3/4 | 957 | 3/4 | 1,577 | 3/4 | 2,153 | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 11 | 388 | 11 | 970 | 11 | 1,590 | 11 | 2,163 | 11 | | 11 | | 11 | | 11 | 11 | 11 | | 11 | |
| 1/4 | 400 | 1/4 | 983 | 1/4 | 1,602 | 1/4 | 2,174 | 1/4 | | 1/4 | | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 411 | 1/2 | 995 | 1/2 | 1,615 | 1/2 | 2,185 | 1/2 | | 1/2 | | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 422 | 3/4 | 1,008 | 3/4 | 1,628 | 3/4 | 2,195 | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |

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 INNAGE GAUGES TAKEN AT 2 1/2" DIAMETER STANDPIPE

STRAPPED: 12/21/2018 CL
 CALCULATED: 01/07/2019 CL
 PRINTED: 01/07/2019

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2019

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "CTC 29142"

ULLAGE (10" HATCH)

| | 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 | - 02-0/8 | 02-0/8 | - 04-0/8 | 04-0/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/8 | 10-1/8 | - 12-1/8 | 12-1/8 |
| 1 STBD | - 02-0/8 | 02-0/8 | - 04-0/8 | 04-0/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/8 | 10-1/8 | - 12-1/8 | 12-1/8 |
| 2 PORT | - 02-0/8 | 02-0/8 | - 04-1/8 | 04-1/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/8 | 10-1/8 | - 12-1/4 | 12-1/4 |
| 2 STBD | - 02-0/8 | 02-0/8 | - 04-1/8 | 04-1/8 | - 06-1/8 | 06-1/8 | - 08-1/8 | 08-1/8 | - 10-1/4 | 10-1/4 | - 12-1/4 | 12-1/4 |
| 3 PORT | 02-0/8 | - 02-0/8 | 04-0/8 | - 04-0/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/8 | - 10-1/8 | 12-1/8 | - 12-1/8 |
| 3 STBD | 02-0/8 | - 02-0/8 | 04-0/8 | - 04-0/8 | 06-1/8 | - 06-1/8 | 08-1/8 | - 08-1/8 | 10-1/8 | - 10-1/8 | 12-1/8 | - 12-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS 08-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-08 1/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 7, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29142"

1 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,041.36 | 0 | 4,734.07 | 0 | 4,377.27 | 0 | 4,020.47 | 0 | 3,662.70 | 0 | 3,304.86 | 0 | 2,947.01 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,039.28 | 1/4 | 4,726.64 | 1/4 | 4,369.84 | 1/4 | 4,013.03 | 1/4 | 3,655.25 | 1/4 | 3,297.40 | 1/4 | 2,939.56 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,037.20 | 1/2 | 4,719.21 | 1/2 | 4,362.40 | 1/2 | 4,005.60 | 1/2 | 3,647.79 | 1/2 | 3,289.95 | 1/2 | 2,932.10 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,033.88 | 3/4 | 4,711.77 | 3/4 | 4,354.97 | 3/4 | 3,998.15 | 3/4 | 3,640.34 | 3/4 | 3,282.49 | 3/4 | 2,924.65 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5,030.55 | 1 | 4,704.34 | 1 | 4,347.54 | 1 | 3,990.71 | 1 | 3,632.88 | 1 | 3,275.04 | 1 | 2,917.19 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,027.23 | 1/4 | 4,696.91 | 1/4 | 4,340.10 | 1/4 | 3,983.26 | 1/4 | 3,625.43 | 1/4 | 3,267.58 | 1/4 | 2,909.74 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,023.91 | 1/2 | 4,689.47 | 1/2 | 4,332.67 | 1/2 | 3,975.82 | 1/2 | 3,617.97 | 1/2 | 3,260.13 | 1/2 | 2,902.28 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,019.34 | 3/4 | 4,682.04 | 3/4 | 4,325.24 | 3/4 | 3,968.36 | 3/4 | 3,610.52 | 3/4 | 3,252.67 | 3/4 | 2,894.83 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5,014.78 | 2 | 4,674.61 | 2 | 4,317.80 | 2 | 3,960.91 | 2 | 3,603.06 | 2 | 3,245.22 | 2 | 2,887.37 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,010.21 | 1/4 | 4,667.17 | 1/4 | 4,310.37 | 1/4 | 3,953.45 | 1/4 | 3,595.61 | 1/4 | 3,237.76 | 1/4 | 2,879.92 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,005.65 | 1/2 | 4,659.74 | 1/2 | 4,302.94 | 1/2 | 3,946.00 | 1/2 | 3,588.15 | 1/2 | 3,230.31 | 1/2 | 2,872.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,999.84 | 3/4 | 4,652.31 | 3/4 | 4,295.50 | 3/4 | 3,938.54 | 3/4 | 3,580.70 | 3/4 | 3,222.85 | 3/4 | 2,865.01 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,994.03 | 3 | 4,644.87 | 3 | 4,288.07 | 3 | 3,931.09 | 3 | 3,573.24 | 3 | 3,215.40 | 3 | 2,857.55 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,988.22 | 1/4 | 4,637.44 | 1/4 | 4,280.64 | 1/4 | 3,923.63 | 1/4 | 3,565.79 | 1/4 | 3,207.94 | 1/4 | 2,850.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,982.42 | 1/2 | 4,630.01 | 1/2 | 4,273.20 | 1/2 | 3,916.18 | 1/2 | 3,558.33 | 1/2 | 3,200.49 | 1/2 | 2,842.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,975.56 | 3/4 | 4,622.57 | 3/4 | 4,265.77 | 3/4 | 3,908.72 | 3/4 | 3,550.88 | 3/4 | 3,193.03 | 3/4 | 2,835.19 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,968.70 | 4 | 4,615.14 | 4 | 4,258.34 | 4 | 3,901.27 | 4 | 3,543.42 | 4 | 3,185.58 | 4 | 2,827.73 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,961.83 | 1/4 | 4,607.71 | 1/4 | 4,250.90 | 1/4 | 3,893.81 | 1/4 | 3,535.97 | 1/4 | 3,178.12 | 1/4 | 2,820.28 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,954.97 | 1/2 | 4,600.27 | 1/2 | 4,243.47 | 1/2 | 3,886.36 | 1/2 | 3,528.51 | 1/2 | 3,170.67 | 1/2 | 2,812.82 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,947.66 | 3/4 | 4,592.84 | 3/4 | 4,236.04 | 3/4 | 3,878.90 | 3/4 | 3,521.06 | 3/4 | 3,163.21 | 3/4 | 2,805.37 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,940.34 | 5 | 4,585.41 | 5 | 4,228.60 | 5 | 3,871.45 | 5 | 3,513.60 | 5 | 3,155.76 | 5 | 2,797.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,933.02 | 1/4 | 4,577.97 | 1/4 | 4,221.17 | 1/4 | 3,863.99 | 1/4 | 3,506.15 | 1/4 | 3,148.30 | 1/4 | 2,790.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,925.70 | 1/2 | 4,570.54 | 1/2 | 4,213.74 | 1/2 | 3,856.54 | 1/2 | 3,498.69 | 1/2 | 3,140.85 | 1/2 | 2,783.00 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,918.34 | 3/4 | 4,563.11 | 3/4 | 4,206.30 | 3/4 | 3,849.08 | 3/4 | 3,491.24 | 3/4 | 3,133.39 | 3/4 | 2,775.55 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,910.99 | 6 | 4,555.67 | 6 | 4,198.87 | 6 | 3,841.63 | 6 | 3,483.78 | 6 | 3,125.94 | 6 | 2,768.09 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,903.64 | 1/4 | 4,548.24 | 1/4 | 4,191.44 | 1/4 | 3,834.17 | 1/4 | 3,476.33 | 1/4 | 3,118.48 | 1/4 | 2,760.64 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,896.29 | 1/2 | 4,540.81 | 1/2 | 4,184.00 | 1/2 | 3,826.72 | 1/2 | 3,468.87 | 1/2 | 3,111.03 | 1/2 | 2,753.18 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,888.93 | 3/4 | 4,533.37 | 3/4 | 4,176.57 | 3/4 | 3,819.26 | 3/4 | 3,461.42 | 3/4 | 3,103.57 | 3/4 | 2,745.73 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,881.57 | 7 | 4,525.94 | 7 | 4,169.14 | 7 | 3,811.81 | 7 | 3,453.96 | 7 | 3,096.12 | 7 | 2,738.27 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,874.21 | 1/4 | 4,518.50 | 1/4 | 4,161.70 | 1/4 | 3,804.35 | 1/4 | 3,446.51 | 1/4 | 3,088.66 | 1/4 | 2,730.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,866.85 | 1/2 | 4,511.07 | 1/2 | 4,154.27 | 1/2 | 3,796.90 | 1/2 | 3,439.05 | 1/2 | 3,081.21 | 1/2 | 2,723.36 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,859.49 | 3/4 | 4,503.64 | 3/4 | 4,146.83 | 3/4 | 3,789.44 | 3/4 | 3,431.60 | 3/4 | 3,073.75 | 3/4 | 2,715.91 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,852.13 | 8 | 4,496.20 | 8 | 4,139.40 | 8 | 3,781.98 | 8 | 3,424.14 | 8 | 3,066.30 | 8 | 2,708.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,844.77 | 1/4 | 4,488.77 | 1/4 | 4,131.97 | 1/4 | 3,774.53 | 1/4 | 3,416.69 | 1/4 | 3,058.84 | 1/4 | 2,701.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,837.40 | 1/2 | 4,481.34 | 1/2 | 4,124.53 | 1/2 | 3,767.07 | 1/2 | 3,409.23 | 1/2 | 3,051.39 | 1/2 | 2,693.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,830.04 | 3/4 | 4,473.90 | 3/4 | 4,117.10 | 3/4 | 3,759.62 | 3/4 | 3,401.77 | 3/4 | 3,043.93 | 3/4 | 2,686.09 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,822.68 | 9 | 4,466.47 | 9 | 4,109.67 | 9 | 3,752.16 | 9 | 3,394.32 | 9 | 3,036.47 | 9 | 2,678.63 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,815.33 | 1/4 | 4,459.04 | 1/4 | 4,102.23 | 1/4 | 3,744.71 | 1/4 | 3,386.86 | 1/4 | 3,029.02 | 1/4 | 2,671.17 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,807.97 | 1/2 | 4,451.60 | 1/2 | 4,094.80 | 1/2 | 3,737.25 | 1/2 | 3,379.41 | 1/2 | 3,021.56 | 1/2 | 2,663.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,800.61 | 3/4 | 4,444.17 | 3/4 | 4,087.37 | 3/4 | 3,729.80 | 3/4 | 3,371.95 | 3/4 | 3,014.11 | 3/4 | 2,656.26 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,793.25 | 10 | 4,436.74 | 10 | 4,079.93 | 10 | 3,722.34 | 10 | 3,364.50 | 10 | 3,006.65 | 10 | 2,648.81 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,785.89 | 1/4 | 4,429.30 | 1/4 | 4,072.50 | 1/4 | 3,714.89 | 1/4 | 3,357.04 | 1/4 | 2,999.20 | 1/4 | 2,641.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,778.53 | 1/2 | 4,421.87 | 1/2 | 4,065.07 | 1/2 | 3,707.43 | 1/2 | 3,349.59 | 1/2 | 2,991.74 | 1/2 | 2,633.90 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,771.13 | 3/4 | 4,414.44 | 3/4 | 4,057.63 | 3/4 | 3,699.98 | 3/4 | 3,342.13 | 3/4 | 2,984.29 | 3/4 | 2,626.44 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,763.73 | 11 | 4,407.00 | 11 | 4,050.20 | 11 | 3,692.52 | 11 | 3,334.68 | 11 | 2,976.83 | 11 | 2,618.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,756.34 | 1/4 | 4,399.57 | 1/4 | 4,042.77 | 1/4 | 3,685.07 | 1/4 | 3,327.22 | 1/4 | 2,969.38 | 1/4 | 2,611.53 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,045.52 | 1/2 | 4,748.94 | 1/2 | 4,392.14 | 1/2 | 4,035.33 | 1/2 | 3,677.61 | 1/2 | 2,961.92 | 1/2 | 2,604.08 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,043.44 | 3/4 | 4,741.51 | 3/4 | 4,384.70 | 3/4 | 4,027.90 | 3/4 | 3,670.16 | 3/4 | 2,954.47 | 3/4 | 2,596.62 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

1 PORT

ULLAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,589.16 | 0 | 2,231.22 | 0 | 1,873.27 | 0 | 1,515.33 | 0 | 1,157.38 | 0 | 801.76 | 0 | 444.87 | 0 | 120.52 | 0 | | 0 | |
| 1/4 | 2,581.71 | 1/4 | 2,223.76 | 1/4 | 1,865.82 | 1/4 | 1,507.87 | 1/4 | 1,149.92 | 1/4 | 794.36 | 1/4 | 437.58 | 1/4 | 114.29 | 1/4 | | 1/4 | |
| 1/2 | 2,574.25 | 1/2 | 2,216.30 | 1/2 | 1,858.36 | 1/2 | 1,500.41 | 1/2 | 1,142.47 | 1/2 | 786.96 | 1/2 | 430.30 | 1/2 | 108.06 | 1/2 | | 1/2 | |
| 3/4 | 2,566.79 | 3/4 | 2,208.85 | 3/4 | 1,850.90 | 3/4 | 1,492.96 | 3/4 | 1,135.03 | 3/4 | 779.53 | 3/4 | 423.11 | 3/4 | 101.92 | 3/4 | | 3/4 | |
| 1 | 2,559.34 | 1 | 2,201.39 | 1 | 1,843.44 | 1 | 1,485.50 | 1 | 1,127.58 | 1 | 772.10 | 1 | 415.91 | 1 | 95.78 | 1 | | 1 | |
| 1/4 | 2,551.88 | 1/4 | 2,193.93 | 1/4 | 1,835.99 | 1/4 | 1,478.04 | 1/4 | 1,120.14 | 1/4 | 764.66 | 1/4 | 408.72 | 1/4 | 89.64 | 1/4 | | 1/4 | |
| 1/2 | 2,544.42 | 1/2 | 2,186.48 | 1/2 | 1,828.53 | 1/2 | 1,470.58 | 1/2 | 1,112.70 | 1/2 | 757.23 | 1/2 | 401.52 | 1/2 | 83.51 | 1/2 | | 1/2 | |
| 3/4 | 2,536.96 | 3/4 | 2,179.02 | 3/4 | 1,821.07 | 3/4 | 1,463.13 | 3/4 | 1,105.28 | 3/4 | 749.77 | 3/4 | 394.42 | 3/4 | 77.47 | 3/4 | | 3/4 | |
| 2 | 2,529.51 | 2 | 2,171.56 | 2 | 1,813.62 | 2 | 1,455.67 | 2 | 1,097.85 | 2 | 742.32 | 2 | 387.31 | 2 | 71.44 | 2 | | 2 | |
| 1/4 | 2,522.05 | 1/4 | 2,164.10 | 1/4 | 1,806.16 | 1/4 | 1,448.21 | 1/4 | 1,090.42 | 1/4 | 734.86 | 1/4 | 380.20 | 1/4 | 65.40 | 1/4 | | 1/4 | |
| 1/2 | 2,514.59 | 1/2 | 2,156.65 | 1/2 | 1,798.70 | 1/2 | 1,440.76 | 1/2 | 1,083.00 | 1/2 | 727.40 | 1/2 | 373.10 | 1/2 | 59.37 | 1/2 | | 1/2 | |
| 3/4 | 2,507.14 | 3/4 | 2,149.19 | 3/4 | 1,791.24 | 3/4 | 1,433.30 | 3/4 | 1,075.58 | 3/4 | 719.95 | 3/4 | 366.08 | 3/4 | 53.89 | 3/4 | | 3/4 | |
| 3 | 2,499.68 | 3 | 2,141.73 | 3 | 1,783.79 | 3 | 1,425.84 | 3 | 1,068.17 | 3 | 712.49 | 3 | 359.06 | 3 | 48.40 | 3 | | 3 | |
| 1/4 | 2,492.22 | 1/4 | 2,134.28 | 1/4 | 1,776.33 | 1/4 | 1,418.38 | 1/4 | 1,060.75 | 1/4 | 705.03 | 1/4 | 352.04 | 1/4 | 42.92 | 1/4 | | 1/4 | |
| 1/2 | 2,484.76 | 1/2 | 2,126.82 | 1/2 | 1,768.87 | 1/2 | 1,410.93 | 1/2 | 1,053.33 | 1/2 | 697.58 | 1/2 | 345.02 | 1/2 | 37.43 | 1/2 | | 1/2 | |
| 3/4 | 2,477.31 | 3/4 | 2,119.36 | 3/4 | 1,761.42 | 3/4 | 1,403.47 | 3/4 | 1,045.93 | 3/4 | 690.12 | 3/4 | 338.08 | 3/4 | 33.41 | 3/4 | | 3/4 | |
| 4 | 2,469.85 | 4 | 2,111.90 | 4 | 1,753.96 | 4 | 1,396.01 | 4 | 1,038.53 | 4 | 682.66 | 4 | 331.15 | 4 | 29.40 | 4 | | 4 | |
| 1/4 | 2,462.39 | 1/4 | 2,104.45 | 1/4 | 1,746.50 | 1/4 | 1,388.56 | 1/4 | 1,031.12 | 1/4 | 675.20 | 1/4 | 324.22 | 1/4 | 25.38 | 1/4 | | 1/4 | |
| 1/2 | 2,454.93 | 1/2 | 2,096.99 | 1/2 | 1,739.04 | 1/2 | 1,381.10 | 1/2 | 1,023.72 | 1/2 | 667.75 | 1/2 | 317.29 | 1/2 | 21.36 | 1/2 | | 1/2 | |
| 3/4 | 2,447.48 | 3/4 | 2,089.53 | 3/4 | 1,731.59 | 3/4 | 1,373.64 | 3/4 | 1,016.32 | 3/4 | 660.29 | 3/4 | 310.44 | 3/4 | 18.44 | 3/4 | | 3/4 | |
| 5 | 2,440.02 | 5 | 2,082.07 | 5 | 1,724.13 | 5 | 1,366.18 | 5 | 1,008.93 | 5 | 652.83 | 5 | 303.60 | 5 | 15.52 | 5 | | 5 | |
| 1/4 | 2,432.56 | 1/4 | 2,074.62 | 1/4 | 1,716.67 | 1/4 | 1,358.73 | 1/4 | 1,001.53 | 1/4 | 645.38 | 1/4 | 296.75 | 1/4 | 12.61 | 1/4 | | 1/4 | |
| 1/2 | 2,425.11 | 1/2 | 2,067.16 | 1/2 | 1,709.21 | 1/2 | 1,351.27 | 1/2 | 994.13 | 1/2 | 637.92 | 1/2 | 289.91 | 1/2 | 9.69 | 1/2 | | 1/2 | |
| 3/4 | 2,417.65 | 3/4 | 2,059.70 | 3/4 | 1,701.76 | 3/4 | 1,343.81 | 3/4 | 986.73 | 3/4 | 630.46 | 3/4 | 283.15 | 3/4 | 7.82 | 3/4 | | 3/4 | |
| 6 | 2,410.19 | 6 | 2,052.25 | 6 | 1,694.30 | 6 | 1,336.35 | 6 | 979.33 | 6 | 623.01 | 6 | 276.39 | 6 | 5.96 | 6 | | 6 | |
| 1/4 | 2,402.73 | 1/4 | 2,044.79 | 1/4 | 1,686.84 | 1/4 | 1,328.90 | 1/4 | 971.93 | 1/4 | 615.55 | 1/4 | 269.64 | 1/4 | 4.09 | 1/4 | | 1/4 | |
| 1/2 | 2,395.28 | 1/2 | 2,037.33 | 1/2 | 1,679.39 | 1/2 | 1,321.44 | 1/2 | 964.54 | 1/2 | 608.09 | 1/2 | 262.88 | 1/2 | 2.23 | 1/2 | | 1/2 | |
| 3/4 | 2,387.82 | 3/4 | 2,029.87 | 3/4 | 1,671.93 | 3/4 | 1,313.98 | 3/4 | 957.14 | 3/4 | 600.64 | 3/4 | 256.21 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,380.36 | 7 | 2,022.42 | 7 | 1,664.47 | 7 | 1,306.53 | 7 | 949.74 | 7 | 593.18 | 7 | 249.54 | 7 | | 7 | | 7 | |
| 1/4 | 2,372.91 | 1/4 | 2,014.96 | 1/4 | 1,657.01 | 1/4 | 1,299.07 | 1/4 | 942.34 | 1/4 | 585.73 | 1/4 | 242.87 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,365.45 | 1/2 | 2,007.50 | 1/2 | 1,649.56 | 1/2 | 1,291.61 | 1/2 | 934.94 | 1/2 | 578.27 | 1/2 | 236.20 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,357.99 | 3/4 | 2,000.05 | 3/4 | 1,642.10 | 3/4 | 1,284.15 | 3/4 | 927.54 | 3/4 | 570.82 | 3/4 | 229.62 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,350.53 | 8 | 1,992.59 | 8 | 1,634.64 | 8 | 1,276.70 | 8 | 920.15 | 8 | 563.37 | 8 | 223.04 | 8 | | 8 | | 8 | |
| 1/4 | 2,343.08 | 1/4 | 1,985.13 | 1/4 | 1,627.19 | 1/4 | 1,269.24 | 1/4 | 912.75 | 1/4 | 555.92 | 1/4 | 216.46 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,335.62 | 1/2 | 1,977.67 | 1/2 | 1,619.73 | 1/2 | 1,261.78 | 1/2 | 905.35 | 1/2 | 548.47 | 1/2 | 209.87 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,328.16 | 3/4 | 1,970.22 | 3/4 | 1,612.27 | 3/4 | 1,254.33 | 3/4 | 897.95 | 3/4 | 541.01 | 3/4 | 203.38 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,320.71 | 9 | 1,962.76 | 9 | 1,604.81 | 9 | 1,246.87 | 9 | 890.55 | 9 | 533.56 | 9 | 196.88 | 9 | | 9 | | 9 | |
| 1/4 | 2,313.25 | 1/4 | 1,955.30 | 1/4 | 1,597.36 | 1/4 | 1,239.41 | 1/4 | 883.15 | 1/4 | 526.10 | 1/4 | 190.39 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,305.79 | 1/2 | 1,947.85 | 1/2 | 1,589.90 | 1/2 | 1,231.95 | 1/2 | 875.76 | 1/2 | 518.65 | 1/2 | 183.89 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,298.33 | 3/4 | 1,940.39 | 3/4 | 1,582.44 | 3/4 | 1,224.50 | 3/4 | 868.36 | 3/4 | 511.21 | 3/4 | 177.49 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,290.88 | 10 | 1,932.93 | 10 | 1,574.99 | 10 | 1,217.04 | 10 | 860.96 | 10 | 503.78 | 10 | 171.08 | 10 | | 10 | | 10 | |
| 1/4 | 2,283.42 | 1/4 | 1,925.47 | 1/4 | 1,567.53 | 1/4 | 1,209.58 | 1/4 | 853.56 | 1/4 | 496.34 | 1/4 | 164.67 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,275.96 | 1/2 | 1,918.02 | 1/2 | 1,560.07 | 1/2 | 1,202.13 | 1/2 | 846.16 | 1/2 | 488.91 | 1/2 | 158.27 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,268.50 | 3/4 | 1,910.56 | 3/4 | 1,552.61 | 3/4 | 1,194.67 | 3/4 | 838.76 | 3/4 | 481.54 | 3/4 | 151.95 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,261.05 | 11 | 1,903.10 | 11 | 1,545.16 | 11 | 1,187.21 | 11 | 831.37 | 11 | 474.17 | 11 | 145.63 | 11 | | 11 | | 11 | |
| 1/4 | 2,253.59 | 1/4 | 1,895.64 | 1/4 | 1,537.70 | 1/4 | 1,179.75 | 1/4 | 823.97 | 1/4 | 466.80 | 1/4 | 139.31 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,246.13 | 1/2 | 1,888.19 | 1/2 | 1,530.24 | 1/2 | 1,172.30 | 1/2 | 816.57 | 1/2 | 459.43 | 1/2 | 132.99 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,238.68 | 3/4 | 1,880.73 | 3/4 | 1,522.78 | 3/4 | 1,164.84 | 3/4 | 809.17 | 3/4 | 452.15 | 3/4 | 126.76 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

1 STBD ULLAGE TABLE

10" HATCH GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | | 0 | | 6 | 5,045.07 | 0 | 4,748.65 | 0 | 4,392.02 | 0 | 4,035.40 | 0 | 3,677.87 | 0 | 3,320.20 | 0 | 2,962.53 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,043.00 | 1/4 | 4,741.22 | 1/4 | 4,384.59 | 1/4 | 4,027.97 | 1/4 | 3,670.42 | 1/4 | 3,312.75 | 1/4 | 2,955.07 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,040.92 | 1/2 | 4,733.79 | 1/2 | 4,377.16 | 1/2 | 4,020.54 | 1/2 | 3,662.97 | 1/2 | 3,305.29 | 1/2 | 2,947.62 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,038.84 | 3/4 | 4,726.36 | 3/4 | 4,369.73 | 3/4 | 4,013.11 | 3/4 | 3,655.52 | 3/4 | 3,297.84 | 3/4 | 2,940.17 |
| 1 | | 1 | | 1 | | 1 | 5,036.76 | 1 | 4,718.93 | 1 | 4,362.30 | 1 | 4,005.68 | 1 | 3,648.06 | 1 | 3,290.39 | 1 | 2,932.72 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,033.44 | 1/4 | 4,711.50 | 1/4 | 4,354.87 | 1/4 | 3,998.24 | 1/4 | 3,640.61 | 1/4 | 3,282.94 | 1/4 | 2,925.27 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,030.12 | 1/2 | 4,704.07 | 1/2 | 4,347.45 | 1/2 | 3,990.80 | 1/2 | 3,633.16 | 1/2 | 3,275.49 | 1/2 | 2,917.82 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,026.80 | 3/4 | 4,696.64 | 3/4 | 4,340.02 | 3/4 | 3,983.37 | 3/4 | 3,625.71 | 3/4 | 3,268.04 | 3/4 | 2,910.37 |
| 2 | | 2 | | 2 | | 2 | 5,023.48 | 2 | 4,689.21 | 2 | 4,332.59 | 2 | 3,975.93 | 2 | 3,618.26 | 2 | 3,260.59 | 2 | 2,902.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,018.92 | 1/4 | 4,681.78 | 1/4 | 4,325.16 | 1/4 | 3,968.48 | 1/4 | 3,610.81 | 1/4 | 3,253.13 | 1/4 | 2,895.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,014.35 | 1/2 | 4,674.35 | 1/2 | 4,317.73 | 1/2 | 3,961.03 | 1/2 | 3,603.35 | 1/2 | 3,245.68 | 1/2 | 2,888.01 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,009.79 | 3/4 | 4,666.92 | 3/4 | 4,310.30 | 3/4 | 3,953.58 | 3/4 | 3,595.90 | 3/4 | 3,238.23 | 3/4 | 2,880.56 |
| 3 | | 3 | | 3 | | 3 | 5,005.23 | 3 | 4,659.49 | 3 | 4,302.87 | 3 | 3,946.12 | 3 | 3,588.45 | 3 | 3,230.78 | 3 | 2,873.11 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,999.42 | 1/4 | 4,652.06 | 1/4 | 4,295.44 | 1/4 | 3,938.67 | 1/4 | 3,581.00 | 1/4 | 3,223.33 | 1/4 | 2,865.66 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,993.62 | 1/2 | 4,644.63 | 1/2 | 4,288.01 | 1/2 | 3,931.22 | 1/2 | 3,573.55 | 1/2 | 3,215.88 | 1/2 | 2,858.20 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,987.81 | 3/4 | 4,637.20 | 3/4 | 4,280.58 | 3/4 | 3,923.77 | 3/4 | 3,566.10 | 3/4 | 3,208.43 | 3/4 | 2,850.75 |
| 4 | | 4 | | 4 | | 4 | 4,982.01 | 4 | 4,629.77 | 4 | 4,273.15 | 4 | 3,916.32 | 4 | 3,558.65 | 4 | 3,200.97 | 4 | 2,843.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,975.15 | 1/4 | 4,622.34 | 1/4 | 4,265.72 | 1/4 | 3,908.87 | 1/4 | 3,551.19 | 1/4 | 3,193.52 | 1/4 | 2,835.85 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,968.29 | 1/2 | 4,614.91 | 1/2 | 4,258.29 | 1/2 | 3,901.41 | 1/2 | 3,543.74 | 1/2 | 3,186.07 | 1/2 | 2,828.40 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,961.44 | 3/4 | 4,607.48 | 3/4 | 4,250.86 | 3/4 | 3,893.96 | 3/4 | 3,536.29 | 3/4 | 3,178.62 | 3/4 | 2,820.95 |
| 5 | | 5 | | 5 | | 5 | 4,954.58 | 5 | 4,600.06 | 5 | 4,243.43 | 5 | 3,886.51 | 5 | 3,528.84 | 5 | 3,171.17 | 5 | 2,813.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,947.26 | 1/4 | 4,592.63 | 1/4 | 4,236.00 | 1/4 | 3,879.06 | 1/4 | 3,521.39 | 1/4 | 3,163.72 | 1/4 | 2,806.04 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,939.95 | 1/2 | 4,585.20 | 1/2 | 4,228.57 | 1/2 | 3,871.61 | 1/2 | 3,513.94 | 1/2 | 3,156.26 | 1/2 | 2,798.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,932.63 | 3/4 | 4,577.77 | 3/4 | 4,221.14 | 3/4 | 3,864.16 | 3/4 | 3,506.49 | 3/4 | 3,148.81 | 3/4 | 2,791.14 |
| 6 | | 6 | | 6 | | 6 | 4,925.32 | 6 | 4,570.34 | 6 | 4,213.71 | 6 | 3,856.71 | 6 | 3,499.03 | 6 | 3,141.36 | 6 | 2,783.69 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,917.97 | 1/4 | 4,562.91 | 1/4 | 4,206.28 | 1/4 | 3,849.25 | 1/4 | 3,491.58 | 1/4 | 3,133.91 | 1/4 | 2,776.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,910.62 | 1/2 | 4,555.48 | 1/2 | 4,198.85 | 1/2 | 3,841.80 | 1/2 | 3,484.13 | 1/2 | 3,126.46 | 1/2 | 2,768.79 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,903.27 | 3/4 | 4,548.05 | 3/4 | 4,191.42 | 3/4 | 3,834.35 | 3/4 | 3,476.68 | 3/4 | 3,119.01 | 3/4 | 2,761.34 |
| 7 | | 7 | | 7 | | 7 | 4,895.92 | 7 | 4,540.62 | 7 | 4,183.99 | 7 | 3,826.90 | 7 | 3,469.23 | 7 | 3,111.56 | 7 | 2,753.88 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,888.57 | 1/4 | 4,533.19 | 1/4 | 4,176.56 | 1/4 | 3,819.45 | 1/4 | 3,461.78 | 1/4 | 3,104.10 | 1/4 | 2,746.43 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,881.21 | 1/2 | 4,525.76 | 1/2 | 4,169.13 | 1/2 | 3,812.00 | 1/2 | 3,454.32 | 1/2 | 3,096.65 | 1/2 | 2,738.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,873.85 | 3/4 | 4,518.33 | 3/4 | 4,161.70 | 3/4 | 3,804.55 | 3/4 | 3,446.87 | 3/4 | 3,089.20 | 3/4 | 2,731.53 |
| 8 | | 8 | | 8 | | 8 | 4,866.50 | 8 | 4,510.90 | 8 | 4,154.27 | 8 | 3,797.09 | 8 | 3,439.42 | 8 | 3,081.75 | 8 | 2,724.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,859.14 | 1/4 | 4,503.47 | 1/4 | 4,146.84 | 1/4 | 3,789.64 | 1/4 | 3,431.97 | 1/4 | 3,074.30 | 1/4 | 2,716.63 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,851.78 | 1/2 | 4,496.04 | 1/2 | 4,139.41 | 1/2 | 3,782.19 | 1/2 | 3,424.52 | 1/2 | 3,066.85 | 1/2 | 2,709.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,844.43 | 3/4 | 4,488.61 | 3/4 | 4,131.98 | 3/4 | 3,774.74 | 3/4 | 3,417.07 | 3/4 | 3,059.40 | 3/4 | 2,701.72 |
| 9 | | 9 | | 9 | | 9 | 4,837.07 | 9 | 4,481.18 | 9 | 4,124.55 | 9 | 3,767.29 | 9 | 3,409.62 | 9 | 3,051.94 | 9 | 2,694.27 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,829.71 | 1/4 | 4,473.75 | 1/4 | 4,117.12 | 1/4 | 3,759.84 | 1/4 | 3,402.16 | 1/4 | 3,044.49 | 1/4 | 2,686.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,822.36 | 1/2 | 4,466.32 | 1/2 | 4,109.69 | 1/2 | 3,752.38 | 1/2 | 3,394.71 | 1/2 | 3,037.04 | 1/2 | 2,679.37 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,815.00 | 3/4 | 4,458.89 | 3/4 | 4,102.27 | 3/4 | 3,744.93 | 3/4 | 3,387.26 | 3/4 | 3,029.59 | 3/4 | 2,671.92 |
| 10 | | 10 | | 10 | | 10 | 4,807.65 | 10 | 4,451.46 | 10 | 4,094.84 | 10 | 3,737.48 | 10 | 3,379.81 | 10 | 3,022.14 | 10 | 2,664.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,800.29 | 1/4 | 4,444.03 | 1/4 | 4,087.41 | 1/4 | 3,730.03 | 1/4 | 3,372.36 | 1/4 | 3,014.69 | 1/4 | 2,657.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,792.93 | 1/2 | 4,436.60 | 1/2 | 4,079.98 | 1/2 | 3,722.58 | 1/2 | 3,364.91 | 1/2 | 3,007.23 | 1/2 | 2,649.56 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,785.58 | 3/4 | 4,429.17 | 3/4 | 4,072.55 | 3/4 | 3,715.13 | 3/4 | 3,357.46 | 3/4 | 2,999.78 | 3/4 | 2,642.11 |
| 11 | | 11 | | 11 | | 11 | 4,778.22 | 11 | 4,421.74 | 11 | 4,065.12 | 11 | 3,707.68 | 11 | 3,350.00 | 11 | 2,992.33 | 11 | 2,634.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,770.83 | 1/4 | 4,414.31 | 1/4 | 4,057.69 | 1/4 | 3,700.22 | 1/4 | 3,342.55 | 1/4 | 2,984.88 | 1/4 | 2,627.21 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,763.44 | 1/2 | 4,406.88 | 1/2 | 4,050.26 | 1/2 | 3,692.77 | 1/2 | 3,335.10 | 1/2 | 2,977.43 | 1/2 | 2,619.76 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,756.04 | 3/4 | 4,399.45 | 3/4 | 4,042.83 | 3/4 | 3,685.32 | 3/4 | 3,327.65 | 3/4 | 2,969.98 | 3/4 | 2,612.31 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

1 STBD

ULLAGE TABLE 10" HATCH GAUGE HEIGHT 17'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,604.85 | 0 | 2,247.10 | 0 | 1,889.33 | 0 | 1,531.55 | 0 | 1,173.78 | 0 | 816.48 | 0 | 459.18 | 0 | 132.91 | 0 | | 0 | |
| 1/4 | 2,597.41 | 1/4 | 2,239.65 | 1/4 | 1,881.87 | 1/4 | 1,524.10 | 1/4 | 1,166.33 | 1/4 | 809.04 | 1/4 | 451.90 | 1/4 | 126.68 | 1/4 | | 1/4 | |
| 1/2 | 2,589.96 | 1/2 | 2,232.19 | 1/2 | 1,874.42 | 1/2 | 1,516.65 | 1/2 | 1,158.87 | 1/2 | 801.59 | 1/2 | 444.62 | 1/2 | 120.45 | 1/2 | | 1/2 | |
| 3/4 | 2,582.51 | 3/4 | 2,224.74 | 3/4 | 1,866.97 | 3/4 | 1,509.19 | 3/4 | 1,151.42 | 3/4 | 794.14 | 3/4 | 437.34 | 3/4 | 114.22 | 3/4 | | 3/4 | |
| 1 | 2,575.06 | 1 | 2,217.29 | 1 | 1,859.51 | 1 | 1,501.74 | 1 | 1,143.97 | 1 | 786.70 | 1 | 430.06 | 1 | 108.00 | 1 | | 1 | |
| 1/4 | 2,567.61 | 1/4 | 2,209.83 | 1/4 | 1,852.06 | 1/4 | 1,494.29 | 1/4 | 1,136.51 | 1/4 | 779.24 | 1/4 | 422.87 | 1/4 | 101.86 | 1/4 | | 1/4 | |
| 1/2 | 2,560.15 | 1/2 | 2,202.38 | 1/2 | 1,844.61 | 1/2 | 1,486.83 | 1/2 | 1,129.06 | 1/2 | 771.79 | 1/2 | 415.68 | 1/2 | 95.73 | 1/2 | | 1/2 | |
| 3/4 | 2,552.70 | 3/4 | 2,194.93 | 3/4 | 1,837.15 | 3/4 | 1,479.38 | 3/4 | 1,121.61 | 3/4 | 764.33 | 3/4 | 408.49 | 3/4 | 89.59 | 3/4 | | 3/4 | |
| 2 | 2,545.24 | 2 | 2,187.47 | 2 | 1,829.70 | 2 | 1,471.93 | 2 | 1,114.15 | 2 | 756.88 | 2 | 401.30 | 2 | 83.46 | 2 | | 2 | |
| 1/4 | 2,537.79 | 1/4 | 2,180.02 | 1/4 | 1,822.25 | 1/4 | 1,464.47 | 1/4 | 1,106.70 | 1/4 | 749.43 | 1/4 | 394.20 | 1/4 | 77.43 | 1/4 | | 1/4 | |
| 1/2 | 2,530.34 | 1/2 | 2,172.56 | 1/2 | 1,814.79 | 1/2 | 1,457.02 | 1/2 | 1,099.25 | 1/2 | 741.97 | 1/2 | 387.09 | 1/2 | 71.40 | 1/2 | | 1/2 | |
| 3/4 | 2,522.88 | 3/4 | 2,165.11 | 3/4 | 1,807.34 | 3/4 | 1,449.57 | 3/4 | 1,091.80 | 3/4 | 734.52 | 3/4 | 379.99 | 3/4 | 65.37 | 3/4 | | 3/4 | |
| 3 | 2,515.43 | 3 | 2,157.66 | 3 | 1,799.88 | 3 | 1,442.11 | 3 | 1,084.35 | 3 | 727.07 | 3 | 372.89 | 3 | 59.34 | 3 | | 3 | |
| 1/4 | 2,507.98 | 1/4 | 2,150.20 | 1/4 | 1,792.43 | 1/4 | 1,434.66 | 1/4 | 1,076.90 | 1/4 | 719.61 | 1/4 | 365.87 | 1/4 | 53.85 | 1/4 | | 1/4 | |
| 1/2 | 2,500.52 | 1/2 | 2,142.75 | 1/2 | 1,784.98 | 1/2 | 1,427.20 | 1/2 | 1,069.45 | 1/2 | 712.16 | 1/2 | 358.85 | 1/2 | 48.37 | 1/2 | | 1/2 | |
| 3/4 | 2,493.07 | 3/4 | 2,135.30 | 3/4 | 1,777.52 | 3/4 | 1,419.75 | 3/4 | 1,062.01 | 3/4 | 704.71 | 3/4 | 351.84 | 3/4 | 42.89 | 3/4 | | 3/4 | |
| 4 | 2,485.62 | 4 | 2,127.84 | 4 | 1,770.07 | 4 | 1,412.30 | 4 | 1,054.56 | 4 | 697.25 | 4 | 344.82 | 4 | 37.41 | 4 | | 4 | |
| 1/4 | 2,478.16 | 1/4 | 2,120.39 | 1/4 | 1,762.62 | 1/4 | 1,404.84 | 1/4 | 1,047.12 | 1/4 | 689.80 | 1/4 | 337.89 | 1/4 | 33.39 | 1/4 | | 1/4 | |
| 1/2 | 2,470.71 | 1/2 | 2,112.94 | 1/2 | 1,755.16 | 1/2 | 1,397.39 | 1/2 | 1,039.67 | 1/2 | 682.35 | 1/2 | 330.96 | 1/2 | 29.38 | 1/2 | | 1/2 | |
| 3/4 | 2,463.25 | 3/4 | 2,105.48 | 3/4 | 1,747.71 | 3/4 | 1,389.94 | 3/4 | 1,032.23 | 3/4 | 674.89 | 3/4 | 324.04 | 3/4 | 25.37 | 3/4 | | 3/4 | |
| 5 | 2,455.80 | 5 | 2,098.03 | 5 | 1,740.26 | 5 | 1,382.48 | 5 | 1,024.79 | 5 | 667.44 | 5 | 317.11 | 5 | 21.35 | 5 | | 5 | |
| 1/4 | 2,448.35 | 1/4 | 2,090.57 | 1/4 | 1,732.80 | 1/4 | 1,375.03 | 1/4 | 1,017.35 | 1/4 | 659.99 | 1/4 | 310.27 | 1/4 | 18.43 | 1/4 | | 1/4 | |
| 1/2 | 2,440.89 | 1/2 | 2,083.12 | 1/2 | 1,725.35 | 1/2 | 1,367.58 | 1/2 | 1,009.91 | 1/2 | 652.53 | 1/2 | 303.43 | 1/2 | 15.52 | 1/2 | | 1/2 | |
| 3/4 | 2,433.44 | 3/4 | 2,075.67 | 3/4 | 1,717.89 | 3/4 | 1,360.12 | 3/4 | 1,002.47 | 3/4 | 645.08 | 3/4 | 296.58 | 3/4 | 12.60 | 3/4 | | 3/4 | |
| 6 | 2,425.99 | 6 | 2,068.21 | 6 | 1,710.44 | 6 | 1,352.67 | 6 | 995.03 | 6 | 637.63 | 6 | 289.74 | 6 | 9.68 | 6 | | 6 | |
| 1/4 | 2,418.53 | 1/4 | 2,060.76 | 1/4 | 1,702.99 | 1/4 | 1,345.21 | 1/4 | 987.59 | 1/4 | 630.17 | 1/4 | 282.99 | 1/4 | 7.82 | 1/4 | | 1/4 | |
| 1/2 | 2,411.08 | 1/2 | 2,053.31 | 1/2 | 1,695.53 | 1/2 | 1,337.76 | 1/2 | 980.15 | 1/2 | 622.72 | 1/2 | 276.24 | 1/2 | 5.96 | 1/2 | | 1/2 | |
| 3/4 | 2,403.63 | 3/4 | 2,045.85 | 3/4 | 1,688.08 | 3/4 | 1,330.31 | 3/4 | 972.71 | 3/4 | 615.26 | 3/4 | 269.48 | 3/4 | 4.09 | 3/4 | | 3/4 | |
| 7 | 2,396.17 | 7 | 2,038.40 | 7 | 1,680.63 | 7 | 1,322.85 | 7 | 965.27 | 7 | 607.81 | 7 | 262.73 | 7 | 2.23 | 7 | | 7 | |
| 1/4 | 2,388.72 | 1/4 | 2,030.95 | 1/4 | 1,673.17 | 1/4 | 1,315.40 | 1/4 | 957.83 | 1/4 | 600.36 | 1/4 | 256.06 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,381.27 | 1/2 | 2,023.49 | 1/2 | 1,665.72 | 1/2 | 1,307.95 | 1/2 | 950.39 | 1/2 | 592.90 | 1/2 | 249.40 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,373.81 | 3/4 | 2,016.04 | 3/4 | 1,658.27 | 3/4 | 1,300.49 | 3/4 | 942.95 | 3/4 | 585.45 | 3/4 | 242.73 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,366.36 | 8 | 2,008.59 | 8 | 1,650.81 | 8 | 1,293.04 | 8 | 935.51 | 8 | 578.00 | 8 | 236.07 | 8 | | 8 | | 8 | |
| 1/4 | 2,358.90 | 1/4 | 2,001.13 | 1/4 | 1,643.36 | 1/4 | 1,285.59 | 1/4 | 928.07 | 1/4 | 570.54 | 1/4 | 229.49 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,351.45 | 1/2 | 1,993.68 | 1/2 | 1,635.91 | 1/2 | 1,278.13 | 1/2 | 920.63 | 1/2 | 563.09 | 1/2 | 222.91 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,344.00 | 3/4 | 1,986.22 | 3/4 | 1,628.45 | 3/4 | 1,270.68 | 3/4 | 913.19 | 3/4 | 555.64 | 3/4 | 216.33 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,336.54 | 9 | 1,978.77 | 9 | 1,621.00 | 9 | 1,263.23 | 9 | 905.75 | 9 | 548.18 | 9 | 209.75 | 9 | | 9 | | 9 | |
| 1/4 | 2,329.09 | 1/4 | 1,971.32 | 1/4 | 1,613.54 | 1/4 | 1,255.77 | 1/4 | 898.32 | 1/4 | 540.73 | 1/4 | 203.26 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,321.64 | 1/2 | 1,963.86 | 1/2 | 1,606.09 | 1/2 | 1,248.32 | 1/2 | 890.88 | 1/2 | 533.28 | 1/2 | 196.77 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,314.18 | 3/4 | 1,956.41 | 3/4 | 1,598.64 | 3/4 | 1,240.86 | 3/4 | 883.44 | 3/4 | 525.82 | 3/4 | 190.28 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,306.73 | 10 | 1,948.96 | 10 | 1,591.18 | 10 | 1,233.41 | 10 | 876.00 | 10 | 518.37 | 10 | 183.79 | 10 | | 10 | | 10 | |
| 1/4 | 2,299.28 | 1/4 | 1,941.50 | 1/4 | 1,583.73 | 1/4 | 1,225.96 | 1/4 | 868.56 | 1/4 | 510.94 | 1/4 | 177.38 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,291.82 | 1/2 | 1,934.05 | 1/2 | 1,576.28 | 1/2 | 1,218.50 | 1/2 | 861.12 | 1/2 | 503.51 | 1/2 | 170.98 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,284.37 | 3/4 | 1,926.60 | 3/4 | 1,568.82 | 3/4 | 1,211.05 | 3/4 | 853.68 | 3/4 | 496.07 | 3/4 | 164.58 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,276.91 | 11 | 1,919.14 | 11 | 1,561.37 | 11 | 1,203.60 | 11 | 846.24 | 11 | 488.64 | 11 | 158.17 | 11 | | 11 | | 11 | |
| 1/4 | 2,269.46 | 1/4 | 1,911.69 | 1/4 | 1,553.92 | 1/4 | 1,196.14 | 1/4 | 838.80 | 1/4 | 481.28 | 1/4 | 151.86 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,262.01 | 1/2 | 1,904.23 | 1/2 | 1,546.46 | 1/2 | 1,188.69 | 1/2 | 831.36 | 1/2 | 473.91 | 1/2 | 145.54 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,254.55 | 3/4 | 1,896.78 | 3/4 | 1,539.01 | 3/4 | 1,181.24 | 3/4 | 823.92 | 3/4 | 466.54 | 3/4 | 139.22 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,108.09 | 0 | 4,805.04 | 0 | 4,447.28 | 0 | 4,089.51 | 0 | 3,730.82 | 0 | 3,372.01 | 0 | 3,013.19 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,106.00 | 1/4 | 4,797.59 | 1/4 | 4,439.82 | 1/4 | 4,082.06 | 1/4 | 3,723.35 | 1/4 | 3,364.53 | 1/4 | 3,005.72 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,103.91 | 1/2 | 4,790.14 | 1/2 | 4,432.37 | 1/2 | 4,074.60 | 1/2 | 3,715.87 | 1/2 | 3,357.06 | 1/2 | 2,998.24 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,101.81 | 3/4 | 4,782.68 | 3/4 | 4,424.92 | 3/4 | 4,067.15 | 3/4 | 3,708.40 | 3/4 | 3,349.58 | 3/4 | 2,990.77 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5,098.48 | 1 | 4,775.23 | 1 | 4,417.46 | 1 | 4,059.69 | 1 | 3,700.92 | 1 | 3,342.11 | 1 | 2,983.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,095.14 | 1/4 | 4,767.78 | 1/4 | 4,410.01 | 1/4 | 4,052.23 | 1/4 | 3,693.45 | 1/4 | 3,334.63 | 1/4 | 2,975.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,091.80 | 1/2 | 4,760.32 | 1/2 | 4,402.56 | 1/2 | 4,044.77 | 1/2 | 3,685.97 | 1/2 | 3,327.16 | 1/2 | 2,968.34 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,088.46 | 3/4 | 4,752.87 | 3/4 | 4,395.10 | 3/4 | 4,037.31 | 3/4 | 3,678.50 | 3/4 | 3,319.68 | 3/4 | 2,960.87 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5,083.88 | 2 | 4,745.42 | 2 | 4,387.65 | 2 | 4,029.83 | 2 | 3,671.02 | 2 | 3,312.21 | 2 | 2,953.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,079.29 | 1/4 | 4,737.96 | 1/4 | 4,380.20 | 1/4 | 4,022.36 | 1/4 | 3,663.54 | 1/4 | 3,304.73 | 1/4 | 2,945.92 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,074.71 | 1/2 | 4,730.51 | 1/2 | 4,372.74 | 1/2 | 4,014.88 | 1/2 | 3,656.07 | 1/2 | 3,297.26 | 1/2 | 2,938.44 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,070.12 | 3/4 | 4,723.06 | 3/4 | 4,365.29 | 3/4 | 4,007.41 | 3/4 | 3,648.59 | 3/4 | 3,289.78 | 3/4 | 2,930.97 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5,064.29 | 3 | 4,715.60 | 3 | 4,357.83 | 3 | 3,999.93 | 3 | 3,641.12 | 3 | 3,282.30 | 3 | 2,923.49 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,058.46 | 1/4 | 4,708.15 | 1/4 | 4,350.38 | 1/4 | 3,992.46 | 1/4 | 3,633.64 | 1/4 | 3,274.83 | 1/4 | 2,916.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,052.63 | 1/2 | 4,700.70 | 1/2 | 4,342.93 | 1/2 | 3,984.98 | 1/2 | 3,626.17 | 1/2 | 3,267.35 | 1/2 | 2,908.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,046.81 | 3/4 | 4,693.24 | 3/4 | 4,335.47 | 3/4 | 3,977.51 | 3/4 | 3,618.69 | 3/4 | 3,259.88 | 3/4 | 2,901.06 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5,039.92 | 4 | 4,685.79 | 4 | 4,328.02 | 4 | 3,970.03 | 4 | 3,611.22 | 4 | 3,252.40 | 4 | 2,893.59 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,033.04 | 1/4 | 4,678.34 | 1/4 | 4,320.57 | 1/4 | 3,962.56 | 1/4 | 3,603.74 | 1/4 | 3,244.93 | 1/4 | 2,886.11 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,026.15 | 1/2 | 4,670.88 | 1/2 | 4,313.11 | 1/2 | 3,955.08 | 1/2 | 3,596.27 | 1/2 | 3,237.45 | 1/2 | 2,878.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,019.27 | 3/4 | 4,663.43 | 3/4 | 4,305.66 | 3/4 | 3,947.61 | 3/4 | 3,588.79 | 3/4 | 3,229.98 | 3/4 | 2,871.16 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5,011.92 | 5 | 4,655.97 | 5 | 4,298.21 | 5 | 3,940.13 | 5 | 3,581.32 | 5 | 3,222.50 | 5 | 2,863.69 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,004.58 | 1/4 | 4,648.52 | 1/4 | 4,290.75 | 1/4 | 3,932.66 | 1/4 | 3,573.84 | 1/4 | 3,215.03 | 1/4 | 2,856.21 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,997.23 | 1/2 | 4,641.07 | 1/2 | 4,283.30 | 1/2 | 3,925.18 | 1/2 | 3,566.37 | 1/2 | 3,207.55 | 1/2 | 2,848.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,989.89 | 3/4 | 4,633.61 | 3/4 | 4,275.85 | 3/4 | 3,917.71 | 3/4 | 3,558.89 | 3/4 | 3,200.08 | 3/4 | 2,841.26 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,982.51 | 6 | 4,626.16 | 6 | 4,268.39 | 6 | 3,910.23 | 6 | 3,551.42 | 6 | 3,192.60 | 6 | 2,833.79 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,975.13 | 1/4 | 4,618.71 | 1/4 | 4,260.94 | 1/4 | 3,902.75 | 1/4 | 3,543.94 | 1/4 | 3,185.13 | 1/4 | 2,826.31 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,967.75 | 1/2 | 4,611.25 | 1/2 | 4,253.49 | 1/2 | 3,895.28 | 1/2 | 3,536.46 | 1/2 | 3,177.65 | 1/2 | 2,818.84 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,960.37 | 3/4 | 4,603.80 | 3/4 | 4,246.03 | 3/4 | 3,887.80 | 3/4 | 3,528.99 | 3/4 | 3,170.18 | 3/4 | 2,811.36 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,952.99 | 7 | 4,596.35 | 7 | 4,238.58 | 7 | 3,880.33 | 7 | 3,521.51 | 7 | 3,162.70 | 7 | 2,803.89 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,945.60 | 1/4 | 4,588.89 | 1/4 | 4,231.13 | 1/4 | 3,872.85 | 1/4 | 3,514.04 | 1/4 | 3,155.22 | 1/4 | 2,796.41 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,938.22 | 1/2 | 4,581.44 | 1/2 | 4,223.67 | 1/2 | 3,865.38 | 1/2 | 3,506.56 | 1/2 | 3,147.75 | 1/2 | 2,788.93 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,930.83 | 3/4 | 4,573.99 | 3/4 | 4,216.22 | 3/4 | 3,857.90 | 3/4 | 3,499.09 | 3/4 | 3,140.27 | 3/4 | 2,781.46 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,923.45 | 8 | 4,566.53 | 8 | 4,208.76 | 8 | 3,850.43 | 8 | 3,491.61 | 8 | 3,132.80 | 8 | 2,773.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,916.06 | 1/4 | 4,559.08 | 1/4 | 4,201.31 | 1/4 | 3,842.95 | 1/4 | 3,484.14 | 1/4 | 3,125.32 | 1/4 | 2,766.51 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,908.67 | 1/2 | 4,551.63 | 1/2 | 4,193.86 | 1/2 | 3,835.48 | 1/2 | 3,476.66 | 1/2 | 3,117.85 | 1/2 | 2,759.03 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,901.28 | 3/4 | 4,544.17 | 3/4 | 4,186.40 | 3/4 | 3,828.00 | 3/4 | 3,469.19 | 3/4 | 3,110.37 | 3/4 | 2,751.56 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,893.90 | 9 | 4,536.72 | 9 | 4,178.95 | 9 | 3,820.53 | 9 | 3,461.71 | 9 | 3,102.90 | 9 | 2,744.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,886.51 | 1/4 | 4,529.27 | 1/4 | 4,171.50 | 1/4 | 3,813.05 | 1/4 | 3,454.24 | 1/4 | 3,095.42 | 1/4 | 2,736.61 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,879.12 | 1/2 | 4,521.81 | 1/2 | 4,164.04 | 1/2 | 3,805.58 | 1/2 | 3,446.76 | 1/2 | 3,087.95 | 1/2 | 2,729.13 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,871.73 | 3/4 | 4,514.36 | 3/4 | 4,156.59 | 3/4 | 3,798.10 | 3/4 | 3,439.29 | 3/4 | 3,080.47 | 3/4 | 2,721.66 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,864.35 | 10 | 4,506.90 | 10 | 4,149.14 | 10 | 3,790.62 | 10 | 3,431.81 | 10 | 3,073.00 | 10 | 2,714.18 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,856.96 | 1/4 | 4,499.45 | 1/4 | 4,141.68 | 1/4 | 3,783.15 | 1/4 | 3,424.34 | 1/4 | 3,065.52 | 1/4 | 2,706.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,849.57 | 1/2 | 4,492.00 | 1/2 | 4,134.23 | 1/2 | 3,775.67 | 1/2 | 3,416.86 | 1/2 | 3,058.05 | 1/2 | 2,699.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,842.19 | 3/4 | 4,484.54 | 3/4 | 4,126.78 | 3/4 | 3,768.20 | 3/4 | 3,409.38 | 3/4 | 3,050.57 | 3/4 | 2,691.76 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,834.76 | 11 | 4,477.09 | 11 | 4,119.32 | 11 | 3,760.72 | 11 | 3,401.91 | 11 | 3,043.09 | 11 | 2,684.28 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,827.34 | 1/4 | 4,469.64 | 1/4 | 4,111.87 | 1/4 | 3,753.25 | 1/4 | 3,394.43 | 1/4 | 3,035.62 | 1/4 | 2,676.81 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,819.92 | 1/2 | 4,462.18 | 1/2 | 4,104.42 | 1/2 | 3,745.77 | 1/2 | 3,386.96 | 1/2 | 3,028.14 | 1/2 | 2,669.33 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,110.18 | 3/4 | 4,812.50 | 3/4 | 4,454.73 | 3/4 | 4,096.96 | 3/4 | 3,738.30 | 3/4 | 3,379.48 | 3/4 | 3,020.67 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 PORT

ULLAGE TABLE 10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,654.38 | 0 | 2,295.56 | 0 | 1,936.75 | 0 | 1,577.94 | 0 | 1,219.12 | 0 | 873.32 | 0 | 515.96 | 0 | 157.15 | 0 | | 0 | |
| 1/4 | 2,646.90 | 1/4 | 2,288.09 | 1/4 | 1,929.28 | 1/4 | 1,570.46 | 1/4 | 1,211.65 | 1/4 | 866.14 | 1/4 | 508.48 | 1/4 | 149.67 | 1/4 | | 1/4 | |
| 1/2 | 2,639.43 | 1/2 | 2,280.61 | 1/2 | 1,921.80 | 1/2 | 1,562.99 | 1/2 | 1,204.17 | 1/2 | 858.96 | 1/2 | 501.01 | 1/2 | 142.20 | 1/2 | | 1/2 | |
| 3/4 | 2,631.95 | 3/4 | 2,273.14 | 3/4 | 1,914.32 | 3/4 | 1,555.51 | 3/4 | 1,196.70 | 3/4 | 851.78 | 3/4 | 493.53 | 3/4 | 134.72 | 3/4 | | 3/4 | |
| 1 | 2,624.48 | 1 | 2,265.66 | 1 | 1,906.85 | 1 | 1,548.03 | 1 | 1,189.36 | 1 | 844.45 | 1 | 486.06 | 1 | 127.25 | 1 | | 1 | |
| 1/4 | 2,617.00 | 1/4 | 2,258.19 | 1/4 | 1,899.37 | 1/4 | 1,540.56 | 1/4 | 1,182.03 | 1/4 | 837.11 | 1/4 | 478.58 | 1/4 | 119.78 | 1/4 | | 1/4 | |
| 1/2 | 2,609.53 | 1/2 | 2,250.71 | 1/2 | 1,891.90 | 1/2 | 1,533.08 | 1/2 | 1,174.69 | 1/2 | 829.78 | 1/2 | 471.11 | 1/2 | 112.31 | 1/2 | | 1/2 | |
| 3/4 | 2,602.05 | 3/4 | 2,243.24 | 3/4 | 1,884.42 | 3/4 | 1,525.61 | 3/4 | 1,167.36 | 3/4 | 822.45 | 3/4 | 463.63 | 3/4 | 104.85 | 3/4 | | 3/4 | |
| 2 | 2,594.58 | 2 | 2,235.76 | 2 | 1,876.95 | 2 | 1,518.13 | 2 | 1,160.17 | 2 | 814.97 | 2 | 456.16 | 2 | 97.39 | 2 | | 2 | |
| 1/4 | 2,587.10 | 1/4 | 2,228.29 | 1/4 | 1,869.47 | 1/4 | 1,510.66 | 1/4 | 1,152.99 | 1/4 | 807.50 | 1/4 | 448.68 | 1/4 | 89.94 | 1/4 | | 1/4 | |
| 1/2 | 2,579.63 | 1/2 | 2,220.81 | 1/2 | 1,862.00 | 1/2 | 1,503.18 | 1/2 | 1,145.80 | 1/2 | 800.02 | 1/2 | 441.21 | 1/2 | 82.49 | 1/2 | | 1/2 | |
| 3/4 | 2,572.15 | 3/4 | 2,213.34 | 3/4 | 1,854.52 | 3/4 | 1,495.71 | 3/4 | 1,138.62 | 3/4 | 792.55 | 3/4 | 433.73 | 3/4 | 75.04 | 3/4 | | 3/4 | |
| 3 | 2,564.68 | 3 | 2,205.86 | 3 | 1,847.05 | 3 | 1,488.23 | 3 | 1,131.44 | 3 | 785.07 | 3 | 426.26 | 3 | 68.05 | 3 | | 3 | |
| 1/4 | 2,557.20 | 1/4 | 2,198.39 | 1/4 | 1,839.57 | 1/4 | 1,480.76 | 1/4 | 1,124.27 | 1/4 | 777.60 | 1/4 | 418.78 | 1/4 | 61.06 | 1/4 | | 1/4 | |
| 1/2 | 2,549.73 | 1/2 | 2,190.91 | 1/2 | 1,832.10 | 1/2 | 1,473.28 | 1/2 | 1,117.09 | 1/2 | 770.12 | 1/2 | 411.31 | 1/2 | 54.07 | 1/2 | | 1/2 | |
| 3/4 | 2,542.25 | 3/4 | 2,183.44 | 3/4 | 1,824.62 | 3/4 | 1,465.81 | 3/4 | 1,109.91 | 3/4 | 762.65 | 3/4 | 403.83 | 3/4 | 47.08 | 3/4 | | 3/4 | |
| 4 | 2,534.77 | 4 | 2,175.96 | 4 | 1,817.15 | 4 | 1,458.33 | 4 | 1,102.74 | 4 | 755.17 | 4 | 396.36 | 4 | 41.48 | 4 | | 4 | |
| 1/4 | 2,527.30 | 1/4 | 2,168.48 | 1/4 | 1,809.67 | 1/4 | 1,450.86 | 1/4 | 1,095.57 | 1/4 | 747.69 | 1/4 | 388.88 | 1/4 | 35.87 | 1/4 | | 1/4 | |
| 1/2 | 2,519.82 | 1/2 | 2,161.01 | 1/2 | 1,802.20 | 1/2 | 1,443.38 | 1/2 | 1,088.39 | 1/2 | 740.22 | 1/2 | 381.40 | 1/2 | 30.26 | 1/2 | | 1/2 | |
| 3/4 | 2,512.35 | 3/4 | 2,153.53 | 3/4 | 1,794.72 | 3/4 | 1,435.91 | 3/4 | 1,081.22 | 3/4 | 732.74 | 3/4 | 373.93 | 3/4 | 24.66 | 3/4 | | 3/4 | |
| 5 | 2,504.87 | 5 | 2,146.06 | 5 | 1,787.24 | 5 | 1,428.43 | 5 | 1,074.05 | 5 | 725.27 | 5 | 366.45 | 5 | 20.92 | 5 | | 5 | |
| 1/4 | 2,497.40 | 1/4 | 2,138.58 | 1/4 | 1,779.77 | 1/4 | 1,420.95 | 1/4 | 1,066.88 | 1/4 | 717.79 | 1/4 | 358.98 | 1/4 | 17.18 | 1/4 | | 1/4 | |
| 1/2 | 2,489.92 | 1/2 | 2,131.11 | 1/2 | 1,772.29 | 1/2 | 1,413.48 | 1/2 | 1,059.71 | 1/2 | 710.32 | 1/2 | 351.50 | 1/2 | 13.45 | 1/2 | | 1/2 | |
| 3/4 | 2,482.45 | 3/4 | 2,123.63 | 3/4 | 1,764.82 | 3/4 | 1,406.00 | 3/4 | 1,052.55 | 3/4 | 702.84 | 3/4 | 344.03 | 3/4 | 9.71 | 3/4 | | 3/4 | |
| 6 | 2,474.97 | 6 | 2,116.16 | 6 | 1,757.34 | 6 | 1,398.53 | 6 | 1,045.38 | 6 | 695.37 | 6 | 336.55 | 6 | 7.84 | 6 | | 6 | |
| 1/4 | 2,467.50 | 1/4 | 2,108.68 | 1/4 | 1,749.87 | 1/4 | 1,391.05 | 1/4 | 1,038.21 | 1/4 | 687.89 | 1/4 | 329.08 | 1/4 | 5.97 | 1/4 | | 1/4 | |
| 1/2 | 2,460.02 | 1/2 | 2,101.21 | 1/2 | 1,742.39 | 1/2 | 1,383.58 | 1/2 | 1,031.04 | 1/2 | 680.42 | 1/2 | 321.60 | 1/2 | 4.10 | 1/2 | | 1/2 | |
| 3/4 | 2,452.55 | 3/4 | 2,093.73 | 3/4 | 1,734.92 | 3/4 | 1,376.10 | 3/4 | 1,023.87 | 3/4 | 672.94 | 3/4 | 314.13 | 3/4 | 2.23 | 3/4 | | 3/4 | |
| 7 | 2,445.07 | 7 | 2,086.26 | 7 | 1,727.44 | 7 | 1,368.63 | 7 | 1,016.70 | 7 | 665.47 | 7 | 306.65 | 7 | | 7 | | 7 | |
| 1/4 | 2,437.60 | 1/4 | 2,078.78 | 1/4 | 1,719.97 | 1/4 | 1,361.15 | 1/4 | 1,009.54 | 1/4 | 657.99 | 1/4 | 299.18 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,430.12 | 1/2 | 2,071.31 | 1/2 | 1,712.49 | 1/2 | 1,353.68 | 1/2 | 1,002.37 | 1/2 | 650.52 | 1/2 | 291.70 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,422.65 | 3/4 | 2,063.83 | 3/4 | 1,705.02 | 3/4 | 1,346.20 | 3/4 | 995.20 | 3/4 | 643.04 | 3/4 | 284.23 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,415.17 | 8 | 2,056.36 | 8 | 1,697.54 | 8 | 1,338.73 | 8 | 988.03 | 8 | 635.56 | 8 | 276.75 | 8 | | 8 | | 8 | |
| 1/4 | 2,407.69 | 1/4 | 2,048.88 | 1/4 | 1,690.07 | 1/4 | 1,331.25 | 1/4 | 980.86 | 1/4 | 628.09 | 1/4 | 269.28 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,400.22 | 1/2 | 2,041.40 | 1/2 | 1,682.59 | 1/2 | 1,323.78 | 1/2 | 973.69 | 1/2 | 620.61 | 1/2 | 261.80 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,392.74 | 3/4 | 2,033.93 | 3/4 | 1,675.12 | 3/4 | 1,316.30 | 3/4 | 966.52 | 3/4 | 613.14 | 3/4 | 254.32 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,385.27 | 9 | 2,026.45 | 9 | 1,667.64 | 9 | 1,308.83 | 9 | 959.36 | 9 | 605.66 | 9 | 246.85 | 9 | | 9 | | 9 | |
| 1/4 | 2,377.79 | 1/4 | 2,018.98 | 1/4 | 1,660.16 | 1/4 | 1,301.35 | 1/4 | 952.19 | 1/4 | 598.19 | 1/4 | 239.37 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,370.32 | 1/2 | 2,011.50 | 1/2 | 1,652.69 | 1/2 | 1,293.87 | 1/2 | 945.02 | 1/2 | 590.71 | 1/2 | 231.90 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,362.84 | 3/4 | 2,004.03 | 3/4 | 1,645.21 | 3/4 | 1,286.40 | 3/4 | 937.85 | 3/4 | 583.24 | 3/4 | 224.42 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,355.37 | 10 | 1,996.55 | 10 | 1,637.74 | 10 | 1,278.92 | 10 | 930.68 | 10 | 575.76 | 10 | 216.95 | 10 | | 10 | | 10 | |
| 1/4 | 2,347.89 | 1/4 | 1,989.08 | 1/4 | 1,630.26 | 1/4 | 1,271.45 | 1/4 | 923.51 | 1/4 | 568.29 | 1/4 | 209.47 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,340.42 | 1/2 | 1,981.60 | 1/2 | 1,622.79 | 1/2 | 1,263.97 | 1/2 | 916.34 | 1/2 | 560.81 | 1/2 | 202.00 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,332.94 | 3/4 | 1,974.13 | 3/4 | 1,615.31 | 3/4 | 1,256.50 | 3/4 | 909.18 | 3/4 | 553.34 | 3/4 | 194.52 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,325.47 | 11 | 1,966.65 | 11 | 1,607.84 | 11 | 1,249.02 | 11 | 902.01 | 11 | 545.86 | 11 | 187.05 | 11 | | 11 | | 11 | |
| 1/4 | 2,317.99 | 1/4 | 1,959.18 | 1/4 | 1,600.36 | 1/4 | 1,241.55 | 1/4 | 894.84 | 1/4 | 538.39 | 1/4 | 179.57 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,310.52 | 1/2 | 1,951.70 | 1/2 | 1,592.89 | 1/2 | 1,234.07 | 1/2 | 887.67 | 1/2 | 530.91 | 1/2 | 172.10 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,303.04 | 3/4 | 1,944.23 | 3/4 | 1,585.41 | 3/4 | 1,226.60 | 3/4 | 880.50 | 3/4 | 523.44 | 3/4 | 164.62 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

**2 STBD
ULLAGE TABLE**

**10" HATCH
GAUGE HEIGHT 17'-06 1/2"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5,126.45 | 0 | 4,817.96 | 0 | 4,459.77 | 0 | 4,101.57 | 0 | 3,742.44 | 0 | 3,383.20 | 0 | 3,023.97 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,124.36 | 1/4 | 4,810.49 | 1/4 | 4,452.30 | 1/4 | 4,094.11 | 1/4 | 3,734.95 | 1/4 | 3,375.72 | 1/4 | 3,016.48 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,122.28 | 1/2 | 4,803.03 | 1/2 | 4,444.84 | 1/2 | 4,086.65 | 1/2 | 3,727.47 | 1/2 | 3,368.23 | 1/2 | 3,009.00 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,118.94 | 3/4 | 4,795.57 | 3/4 | 4,437.38 | 3/4 | 4,079.18 | 3/4 | 3,719.99 | 3/4 | 3,360.75 | 3/4 | 3,001.51 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 5,115.61 | 1 | 4,788.11 | 1 | 4,429.92 | 1 | 4,071.71 | 1 | 3,712.50 | 1 | 3,353.27 | 1 | 2,994.03 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,112.27 | 1/4 | 4,780.64 | 1/4 | 4,422.45 | 1/4 | 4,064.24 | 1/4 | 3,705.02 | 1/4 | 3,345.78 | 1/4 | 2,986.54 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,108.93 | 1/2 | 4,773.18 | 1/2 | 4,414.99 | 1/2 | 4,056.77 | 1/2 | 3,697.53 | 1/2 | 3,338.30 | 1/2 | 2,979.06 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,104.35 | 3/4 | 4,765.72 | 3/4 | 4,407.53 | 3/4 | 4,049.29 | 3/4 | 3,690.05 | 3/4 | 3,330.81 | 3/4 | 2,971.58 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 5,099.77 | 2 | 4,758.26 | 2 | 4,400.07 | 2 | 4,041.80 | 2 | 3,682.57 | 2 | 3,323.33 | 2 | 2,964.09 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,095.18 | 1/4 | 4,750.79 | 1/4 | 4,392.60 | 1/4 | 4,034.32 | 1/4 | 3,675.08 | 1/4 | 3,315.84 | 1/4 | 2,956.61 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,090.60 | 1/2 | 4,743.33 | 1/2 | 4,385.14 | 1/2 | 4,026.83 | 1/2 | 3,667.60 | 1/2 | 3,308.36 | 1/2 | 2,949.12 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,084.77 | 3/4 | 4,735.87 | 3/4 | 4,377.68 | 3/4 | 4,019.35 | 3/4 | 3,660.11 | 3/4 | 3,300.88 | 3/4 | 2,941.64 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5,078.94 | 3 | 4,728.41 | 3 | 4,370.22 | 3 | 4,011.87 | 3 | 3,652.63 | 3 | 3,293.39 | 3 | 2,934.16 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,073.11 | 1/4 | 4,720.95 | 1/4 | 4,362.76 | 1/4 | 4,004.38 | 1/4 | 3,645.15 | 1/4 | 3,285.91 | 1/4 | 2,926.67 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,067.28 | 1/2 | 4,713.48 | 1/2 | 4,355.29 | 1/2 | 3,996.90 | 1/2 | 3,637.66 | 1/2 | 3,278.42 | 1/2 | 2,919.19 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,060.39 | 3/4 | 4,706.02 | 3/4 | 4,347.83 | 3/4 | 3,989.41 | 3/4 | 3,630.18 | 3/4 | 3,270.94 | 3/4 | 2,911.70 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 5,053.50 | 4 | 4,698.56 | 4 | 4,340.37 | 4 | 3,981.93 | 4 | 3,622.69 | 4 | 3,263.46 | 4 | 2,904.22 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,046.62 | 1/4 | 4,691.10 | 1/4 | 4,332.91 | 1/4 | 3,974.45 | 1/4 | 3,615.21 | 1/4 | 3,255.97 | 1/4 | 2,896.74 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,039.73 | 1/2 | 4,683.63 | 1/2 | 4,325.44 | 1/2 | 3,966.96 | 1/2 | 3,607.72 | 1/2 | 3,248.49 | 1/2 | 2,889.25 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,032.38 | 3/4 | 4,676.17 | 3/4 | 4,317.98 | 3/4 | 3,959.48 | 3/4 | 3,600.24 | 3/4 | 3,241.00 | 3/4 | 2,881.77 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5,025.03 | 5 | 4,668.71 | 5 | 4,310.52 | 5 | 3,951.99 | 5 | 3,592.76 | 5 | 3,233.52 | 5 | 2,874.28 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,017.68 | 1/4 | 4,661.25 | 1/4 | 4,303.06 | 1/4 | 3,944.51 | 1/4 | 3,585.27 | 1/4 | 3,226.04 | 1/4 | 2,866.80 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,010.34 | 1/2 | 4,653.78 | 1/2 | 4,295.59 | 1/2 | 3,937.03 | 1/2 | 3,577.79 | 1/2 | 3,218.55 | 1/2 | 2,859.31 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,002.95 | 3/4 | 4,646.32 | 3/4 | 4,288.13 | 3/4 | 3,929.54 | 3/4 | 3,570.30 | 3/4 | 3,211.07 | 3/4 | 2,851.83 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,995.57 | 6 | 4,638.86 | 6 | 4,280.67 | 6 | 3,922.06 | 6 | 3,562.82 | 6 | 3,203.58 | 6 | 2,844.35 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,988.19 | 1/4 | 4,631.40 | 1/4 | 4,273.21 | 1/4 | 3,914.57 | 1/4 | 3,555.34 | 1/4 | 3,196.10 | 1/4 | 2,836.86 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,980.81 | 1/2 | 4,623.94 | 1/2 | 4,265.75 | 1/2 | 3,907.09 | 1/2 | 3,547.85 | 1/2 | 3,188.62 | 1/2 | 2,829.38 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,973.42 | 3/4 | 4,616.47 | 3/4 | 4,258.28 | 3/4 | 3,899.60 | 3/4 | 3,540.37 | 3/4 | 3,181.13 | 3/4 | 2,821.89 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,966.03 | 7 | 4,609.01 | 7 | 4,250.82 | 7 | 3,892.12 | 7 | 3,532.88 | 7 | 3,173.65 | 7 | 2,814.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,958.64 | 1/4 | 4,601.55 | 1/4 | 4,243.36 | 1/4 | 3,884.64 | 1/4 | 3,525.40 | 1/4 | 3,166.16 | 1/4 | 2,806.93 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,951.25 | 1/2 | 4,594.09 | 1/2 | 4,235.90 | 1/2 | 3,877.15 | 1/2 | 3,517.92 | 1/2 | 3,158.68 | 1/2 | 2,799.44 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,943.86 | 3/4 | 4,586.62 | 3/4 | 4,228.43 | 3/4 | 3,869.67 | 3/4 | 3,510.43 | 3/4 | 3,151.19 | 3/4 | 2,791.96 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,936.47 | 8 | 4,579.16 | 8 | 4,220.97 | 8 | 3,862.18 | 8 | 3,502.95 | 8 | 3,143.71 | 8 | 2,784.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,929.08 | 1/4 | 4,571.70 | 1/4 | 4,213.51 | 1/4 | 3,854.70 | 1/4 | 3,495.46 | 1/4 | 3,136.23 | 1/4 | 2,776.99 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,921.69 | 1/2 | 4,564.24 | 1/2 | 4,206.05 | 1/2 | 3,847.22 | 1/2 | 3,487.98 | 1/2 | 3,128.74 | 1/2 | 2,769.51 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,914.30 | 3/4 | 4,556.77 | 3/4 | 4,198.58 | 3/4 | 3,839.73 | 3/4 | 3,480.50 | 3/4 | 3,121.26 | 3/4 | 2,762.02 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,906.91 | 9 | 4,549.31 | 9 | 4,191.12 | 9 | 3,832.25 | 9 | 3,473.01 | 9 | 3,113.77 | 9 | 2,754.54 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,899.52 | 1/4 | 4,541.85 | 1/4 | 4,183.66 | 1/4 | 3,824.76 | 1/4 | 3,465.53 | 1/4 | 3,106.29 | 1/4 | 2,747.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,892.14 | 1/2 | 4,534.39 | 1/2 | 4,176.20 | 1/2 | 3,817.28 | 1/2 | 3,458.04 | 1/2 | 3,098.81 | 1/2 | 2,739.57 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,884.75 | 3/4 | 4,526.93 | 3/4 | 4,168.74 | 3/4 | 3,809.80 | 3/4 | 3,450.56 | 3/4 | 3,091.32 | 3/4 | 2,732.09 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,877.36 | 10 | 4,519.46 | 10 | 4,161.27 | 10 | 3,802.31 | 10 | 3,443.07 | 10 | 3,083.84 | 10 | 2,724.60 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,869.97 | 1/4 | 4,512.00 | 1/4 | 4,153.81 | 1/4 | 3,794.83 | 1/4 | 3,435.59 | 1/4 | 3,076.35 | 1/4 | 2,717.12 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,862.58 | 1/2 | 4,504.54 | 1/2 | 4,146.35 | 1/2 | 3,787.34 | 1/2 | 3,428.11 | 1/2 | 3,068.87 | 1/2 | 2,709.63 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,855.16 | 3/4 | 4,497.08 | 3/4 | 4,138.89 | 3/4 | 3,779.86 | 3/4 | 3,420.62 | 3/4 | 3,061.39 | 3/4 | 2,702.15 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,847.73 | 11 | 4,489.61 | 11 | 4,131.42 | 11 | 3,772.38 | 11 | 3,413.14 | 11 | 3,053.90 | 11 | 2,694.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,840.31 | 1/4 | 4,482.15 | 1/4 | 4,123.96 | 1/4 | 3,764.89 | 1/4 | 3,405.65 | 1/4 | 3,046.42 | 1/4 | 2,687.18 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,130.63 | 1/2 | 4,832.88 | 1/2 | 4,474.69 | 1/2 | 4,116.50 | 1/2 | 3,757.41 | 1/2 | 3,038.93 | 1/2 | 2,679.70 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,128.54 | 3/4 | 4,825.42 | 3/4 | 4,467.23 | 3/4 | 4,109.04 | 3/4 | 3,749.92 | 3/4 | 3,031.45 | 3/4 | 2,672.21 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 3'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 STBD

ULLAGE TABLE 10" HATCH

GAUGE HEIGHT 17'-06 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,664.72 | 0 | 2,305.39 | 0 | 1,946.06 | 0 | 1,586.73 | 0 | 1,227.39 | 0 | 868.54 | 0 | 509.22 | 0 | 149.89 | 0 | | 0 | |
| 1/4 | 2,657.24 | 1/4 | 2,297.90 | 1/4 | 1,938.57 | 1/4 | 1,579.24 | 1/4 | 1,219.91 | 1/4 | 861.06 | 1/4 | 501.74 | 1/4 | 142.40 | 1/4 | | 1/4 | |
| 1/2 | 2,649.75 | 1/2 | 2,290.42 | 1/2 | 1,931.09 | 1/2 | 1,571.75 | 1/2 | 1,212.42 | 1/2 | 853.58 | 1/2 | 494.25 | 1/2 | 134.92 | 1/2 | | 1/2 | |
| 3/4 | 2,642.27 | 3/4 | 2,282.93 | 3/4 | 1,923.60 | 3/4 | 1,564.27 | 3/4 | 1,204.93 | 3/4 | 846.10 | 3/4 | 486.76 | 3/4 | 127.44 | 3/4 | | 3/4 | |
| 1 | 2,634.78 | 1 | 2,275.45 | 1 | 1,916.11 | 1 | 1,556.78 | 1 | 1,197.45 | 1 | 838.61 | 1 | 479.28 | 1 | 119.96 | 1 | | 1 | |
| 1/4 | 2,627.29 | 1/4 | 2,267.96 | 1/4 | 1,908.63 | 1/4 | 1,549.29 | 1/4 | 1,189.96 | 1/4 | 831.12 | 1/4 | 471.79 | 1/4 | 112.48 | 1/4 | | 1/4 | |
| 1/2 | 2,619.81 | 1/2 | 2,260.47 | 1/2 | 1,901.14 | 1/2 | 1,541.81 | 1/2 | 1,182.48 | 1/2 | 823.64 | 1/2 | 464.30 | 1/2 | 105.00 | 1/2 | | 1/2 | |
| 3/4 | 2,612.32 | 3/4 | 2,252.99 | 3/4 | 1,893.66 | 3/4 | 1,534.32 | 3/4 | 1,174.99 | 3/4 | 816.15 | 3/4 | 456.82 | 3/4 | 97.54 | 3/4 | | 3/4 | |
| 2 | 2,604.83 | 2 | 2,245.50 | 2 | 1,886.17 | 2 | 1,526.84 | 2 | 1,167.51 | 2 | 808.67 | 2 | 449.33 | 2 | 90.07 | 2 | | 2 | |
| 1/4 | 2,597.35 | 1/4 | 2,238.02 | 1/4 | 1,878.68 | 1/4 | 1,519.35 | 1/4 | 1,160.03 | 1/4 | 801.18 | 1/4 | 441.85 | 1/4 | 82.61 | 1/4 | | 1/4 | |
| 1/2 | 2,589.86 | 1/2 | 2,230.53 | 1/2 | 1,871.20 | 1/2 | 1,511.86 | 1/2 | 1,152.54 | 1/2 | 793.69 | 1/2 | 434.36 | 1/2 | 75.15 | 1/2 | | 1/2 | |
| 3/4 | 2,582.38 | 3/4 | 2,223.04 | 3/4 | 1,863.71 | 3/4 | 1,504.38 | 3/4 | 1,145.06 | 3/4 | 786.21 | 3/4 | 426.87 | 3/4 | 68.15 | 3/4 | | 3/4 | |
| 3 | 2,574.89 | 3 | 2,215.56 | 3 | 1,856.22 | 3 | 1,496.89 | 3 | 1,137.58 | 3 | 778.72 | 3 | 419.39 | 3 | 61.15 | 3 | | 3 | |
| 1/4 | 2,567.40 | 1/4 | 2,208.07 | 1/4 | 1,848.74 | 1/4 | 1,489.41 | 1/4 | 1,130.10 | 1/4 | 771.23 | 1/4 | 411.90 | 1/4 | 54.15 | 1/4 | | 1/4 | |
| 1/2 | 2,559.92 | 1/2 | 2,200.59 | 1/2 | 1,841.25 | 1/2 | 1,481.92 | 1/2 | 1,122.62 | 1/2 | 763.75 | 1/2 | 404.42 | 1/2 | 47.15 | 1/2 | | 1/2 | |
| 3/4 | 2,552.43 | 3/4 | 2,193.10 | 3/4 | 1,833.77 | 3/4 | 1,474.43 | 3/4 | 1,115.14 | 3/4 | 756.26 | 3/4 | 396.93 | 3/4 | 41.54 | 3/4 | | 3/4 | |
| 4 | 2,544.95 | 4 | 2,185.61 | 4 | 1,826.28 | 4 | 1,466.95 | 4 | 1,107.67 | 4 | 748.78 | 4 | 389.44 | 4 | 35.92 | 4 | | 4 | |
| 1/4 | 2,537.46 | 1/4 | 2,178.13 | 1/4 | 1,818.79 | 1/4 | 1,459.46 | 1/4 | 1,100.19 | 1/4 | 741.29 | 1/4 | 381.96 | 1/4 | 30.31 | 1/4 | | 1/4 | |
| 1/2 | 2,529.97 | 1/2 | 2,170.64 | 1/2 | 1,811.31 | 1/2 | 1,451.98 | 1/2 | 1,092.72 | 1/2 | 733.80 | 1/2 | 374.47 | 1/2 | 24.69 | 1/2 | | 1/2 | |
| 3/4 | 2,522.49 | 3/4 | 2,163.15 | 3/4 | 1,803.82 | 3/4 | 1,444.49 | 3/4 | 1,085.24 | 3/4 | 726.32 | 3/4 | 366.99 | 3/4 | 20.95 | 3/4 | | 3/4 | |
| 5 | 2,515.00 | 5 | 2,155.67 | 5 | 1,796.34 | 5 | 1,437.00 | 5 | 1,077.77 | 5 | 718.83 | 5 | 359.50 | 5 | 17.21 | 5 | | 5 | |
| 1/4 | 2,507.52 | 1/4 | 2,148.18 | 1/4 | 1,788.85 | 1/4 | 1,429.52 | 1/4 | 1,070.30 | 1/4 | 711.35 | 1/4 | 352.01 | 1/4 | 13.47 | 1/4 | | 1/4 | |
| 1/2 | 2,500.03 | 1/2 | 2,140.70 | 1/2 | 1,781.36 | 1/2 | 1,422.03 | 1/2 | 1,062.83 | 1/2 | 703.86 | 1/2 | 344.53 | 1/2 | 9.72 | 1/2 | | 1/2 | |
| 3/4 | 2,492.54 | 3/4 | 2,133.21 | 3/4 | 1,773.88 | 3/4 | 1,414.54 | 3/4 | 1,055.36 | 3/4 | 696.37 | 3/4 | 337.04 | 3/4 | 7.85 | 3/4 | | 3/4 | |
| 6 | 2,485.06 | 6 | 2,125.72 | 6 | 1,766.39 | 6 | 1,407.06 | 6 | 1,047.88 | 6 | 688.89 | 6 | 329.56 | 6 | 5.98 | 6 | | 6 | |
| 1/4 | 2,477.57 | 1/4 | 2,118.24 | 1/4 | 1,758.91 | 1/4 | 1,399.57 | 1/4 | 1,040.41 | 1/4 | 681.40 | 1/4 | 322.07 | 1/4 | 4.11 | 1/4 | | 1/4 | |
| 1/2 | 2,470.08 | 1/2 | 2,110.75 | 1/2 | 1,751.42 | 1/2 | 1,392.09 | 1/2 | 1,032.94 | 1/2 | 673.92 | 1/2 | 314.58 | 1/2 | 2.24 | 1/2 | | 1/2 | |
| 3/4 | 2,462.60 | 3/4 | 2,103.27 | 3/4 | 1,743.93 | 3/4 | 1,384.60 | 3/4 | 1,025.47 | 3/4 | 666.43 | 3/4 | 307.10 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,455.11 | 7 | 2,095.78 | 7 | 1,736.45 | 7 | 1,377.11 | 7 | 1,018.00 | 7 | 658.94 | 7 | 299.61 | 7 | | 7 | | 7 | |
| 1/4 | 2,447.63 | 1/4 | 2,088.29 | 1/4 | 1,728.96 | 1/4 | 1,369.63 | 1/4 | 1,010.52 | 1/4 | 651.46 | 1/4 | 292.12 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,440.14 | 1/2 | 2,080.81 | 1/2 | 1,721.47 | 1/2 | 1,362.14 | 1/2 | 1,003.05 | 1/2 | 643.97 | 1/2 | 284.64 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,432.65 | 3/4 | 2,073.32 | 3/4 | 1,713.99 | 3/4 | 1,354.66 | 3/4 | 995.58 | 3/4 | 636.49 | 3/4 | 277.15 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,425.17 | 8 | 2,065.84 | 8 | 1,706.50 | 8 | 1,347.17 | 8 | 988.11 | 8 | 629.00 | 8 | 269.67 | 8 | | 8 | | 8 | |
| 1/4 | 2,417.68 | 1/4 | 2,058.35 | 1/4 | 1,699.02 | 1/4 | 1,339.68 | 1/4 | 980.64 | 1/4 | 621.51 | 1/4 | 262.18 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,410.20 | 1/2 | 2,050.86 | 1/2 | 1,691.53 | 1/2 | 1,332.20 | 1/2 | 973.16 | 1/2 | 614.03 | 1/2 | 254.69 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,402.71 | 3/4 | 2,043.38 | 3/4 | 1,684.04 | 3/4 | 1,324.71 | 3/4 | 965.69 | 3/4 | 606.54 | 3/4 | 247.21 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,395.22 | 9 | 2,035.89 | 9 | 1,676.56 | 9 | 1,317.23 | 9 | 958.22 | 9 | 599.05 | 9 | 239.72 | 9 | | 9 | | 9 | |
| 1/4 | 2,387.74 | 1/4 | 2,028.40 | 1/4 | 1,669.07 | 1/4 | 1,309.74 | 1/4 | 950.75 | 1/4 | 591.57 | 1/4 | 232.24 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,380.25 | 1/2 | 2,020.92 | 1/2 | 1,661.59 | 1/2 | 1,302.25 | 1/2 | 943.28 | 1/2 | 584.08 | 1/2 | 224.75 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,372.77 | 3/4 | 2,013.43 | 3/4 | 1,654.10 | 3/4 | 1,294.77 | 3/4 | 935.80 | 3/4 | 576.60 | 3/4 | 217.26 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,365.28 | 10 | 2,005.95 | 10 | 1,646.61 | 10 | 1,287.28 | 10 | 928.33 | 10 | 569.11 | 10 | 209.78 | 10 | | 10 | | 10 | |
| 1/4 | 2,357.79 | 1/4 | 1,998.46 | 1/4 | 1,639.13 | 1/4 | 1,279.79 | 1/4 | 920.86 | 1/4 | 561.62 | 1/4 | 202.29 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,350.31 | 1/2 | 1,990.97 | 1/2 | 1,631.64 | 1/2 | 1,272.31 | 1/2 | 913.39 | 1/2 | 554.14 | 1/2 | 194.81 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,342.82 | 3/4 | 1,983.49 | 3/4 | 1,624.16 | 3/4 | 1,264.82 | 3/4 | 905.92 | 3/4 | 546.65 | 3/4 | 187.32 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,335.34 | 11 | 1,976.00 | 11 | 1,616.67 | 11 | 1,257.34 | 11 | 898.44 | 11 | 539.17 | 11 | 179.83 | 11 | | 11 | | 11 | |
| 1/4 | 2,327.85 | 1/4 | 1,968.52 | 1/4 | 1,609.18 | 1/4 | 1,249.85 | 1/4 | 890.97 | 1/4 | 531.68 | 1/4 | 172.35 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,320.36 | 1/2 | 1,961.03 | 1/2 | 1,601.70 | 1/2 | 1,242.36 | 1/2 | 883.50 | 1/2 | 524.19 | 1/2 | 164.86 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,312.88 | 3/4 | 1,953.54 | 3/4 | 1,594.21 | 3/4 | 1,234.88 | 3/4 | 876.02 | 3/4 | 516.71 | 3/4 | 157.38 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 PORT ULLAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,472.89 | 0 | 4,287.44 | 0 | 4,068.30 | 0 | 3,849.16 | 0 | 3,629.48 | 0 | 3,356.38 | 0 | 3,000.18 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,471.61 | 1/4 | 4,282.87 | 1/4 | 4,063.73 | 1/4 | 3,844.59 | 1/4 | 3,624.90 | 1/4 | 3,348.97 | 1/4 | 2,992.75 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,470.33 | 1/2 | 4,278.31 | 1/2 | 4,059.17 | 1/2 | 3,840.03 | 1/2 | 3,620.32 | 1/2 | 3,341.57 | 1/2 | 2,985.32 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,469.06 | 3/4 | 4,273.74 | 3/4 | 4,054.60 | 3/4 | 3,835.46 | 3/4 | 3,615.74 | 3/4 | 3,334.17 | 3/4 | 2,977.88 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,467.02 | 1 | 4,269.18 | 1 | 4,050.04 | 1 | 3,830.89 | 1 | 3,611.16 | 1 | 3,326.76 | 1 | 2,970.45 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,464.97 | 1/4 | 4,264.61 | 1/4 | 4,045.47 | 1/4 | 3,826.32 | 1/4 | 3,606.59 | 1/4 | 3,319.36 | 1/4 | 2,963.02 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,462.93 | 1/2 | 4,260.05 | 1/2 | 4,040.91 | 1/2 | 3,821.75 | 1/2 | 3,602.01 | 1/2 | 3,311.95 | 1/2 | 2,955.59 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,460.89 | 3/4 | 4,255.48 | 3/4 | 4,036.34 | 3/4 | 3,817.18 | 3/4 | 3,597.43 | 3/4 | 3,304.55 | 3/4 | 2,948.15 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,458.09 | 2 | 4,250.92 | 2 | 4,031.78 | 2 | 3,812.60 | 2 | 3,592.85 | 2 | 3,297.14 | 2 | 2,940.72 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,455.28 | 1/4 | 4,246.35 | 1/4 | 4,027.21 | 1/4 | 3,808.02 | 1/4 | 3,588.27 | 1/4 | 3,289.74 | 1/4 | 2,933.29 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,452.48 | 1/2 | 4,241.78 | 1/2 | 4,022.65 | 1/2 | 3,803.44 | 1/2 | 3,583.69 | 1/2 | 3,282.33 | 1/2 | 2,925.85 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,449.68 | 3/4 | 4,237.22 | 3/4 | 4,018.08 | 3/4 | 3,798.87 | 3/4 | 3,579.12 | 3/4 | 3,274.93 | 3/4 | 2,918.42 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,446.11 | 3 | 4,232.65 | 3 | 4,013.51 | 3 | 3,794.29 | 3 | 3,574.54 | 3 | 3,267.52 | 3 | 2,910.99 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,442.54 | 1/4 | 4,228.09 | 1/4 | 4,008.95 | 1/4 | 3,789.71 | 1/4 | 3,569.96 | 1/4 | 3,260.12 | 1/4 | 2,903.55 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,438.97 | 1/2 | 4,223.52 | 1/2 | 4,004.38 | 1/2 | 3,785.13 | 1/2 | 3,565.38 | 1/2 | 3,252.71 | 1/2 | 2,896.12 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,435.41 | 3/4 | 4,218.96 | 3/4 | 3,999.82 | 3/4 | 3,780.55 | 3/4 | 3,560.80 | 3/4 | 3,245.31 | 3/4 | 2,888.69 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,431.19 | 4 | 4,214.39 | 4 | 3,995.25 | 4 | 3,775.98 | 4 | 3,556.11 | 4 | 3,237.91 | 4 | 2,881.25 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,426.98 | 1/4 | 4,209.83 | 1/4 | 3,990.69 | 1/4 | 3,771.40 | 1/4 | 3,551.41 | 1/4 | 3,230.50 | 1/4 | 2,873.82 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,422.77 | 1/2 | 4,205.26 | 1/2 | 3,986.12 | 1/2 | 3,766.82 | 1/2 | 3,546.71 | 1/2 | 3,223.10 | 1/2 | 2,866.39 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,418.55 | 3/4 | 4,200.70 | 3/4 | 3,981.56 | 3/4 | 3,762.24 | 3/4 | 3,542.01 | 3/4 | 3,215.69 | 3/4 | 2,858.95 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,414.06 | 5 | 4,196.13 | 5 | 3,976.99 | 5 | 3,757.66 | 5 | 3,536.97 | 5 | 3,208.27 | 5 | 2,851.52 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,409.56 | 1/4 | 4,191.56 | 1/4 | 3,972.43 | 1/4 | 3,753.08 | 1/4 | 3,531.93 | 1/4 | 3,200.85 | 1/4 | 2,844.09 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,405.07 | 1/2 | 4,187.00 | 1/2 | 3,967.86 | 1/2 | 3,748.51 | 1/2 | 3,526.89 | 1/2 | 3,193.43 | 1/2 | 2,836.65 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,400.57 | 3/4 | 4,182.43 | 3/4 | 3,963.29 | 3/4 | 3,743.93 | 3/4 | 3,521.86 | 3/4 | 3,186.01 | 3/4 | 2,829.22 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,396.05 | 6 | 4,177.87 | 6 | 3,958.73 | 6 | 3,739.35 | 6 | 3,516.36 | 6 | 3,178.58 | 6 | 2,821.79 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,391.54 | 1/4 | 4,173.30 | 1/4 | 3,954.16 | 1/4 | 3,734.77 | 1/4 | 3,510.86 | 1/4 | 3,171.15 | 1/4 | 2,814.35 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,387.02 | 1/2 | 4,168.74 | 1/2 | 3,949.60 | 1/2 | 3,730.19 | 1/2 | 3,505.36 | 1/2 | 3,163.71 | 1/2 | 2,806.92 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,382.50 | 3/4 | 4,164.17 | 3/4 | 3,945.03 | 3/4 | 3,725.62 | 3/4 | 3,499.85 | 3/4 | 3,156.28 | 3/4 | 2,799.49 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,377.98 | 7 | 4,159.61 | 7 | 3,940.47 | 7 | 3,721.04 | 7 | 3,493.88 | 7 | 3,148.85 | 7 | 2,792.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,373.46 | 1/4 | 4,155.04 | 1/4 | 3,935.90 | 1/4 | 3,716.46 | 1/4 | 3,487.91 | 1/4 | 3,141.42 | 1/4 | 2,784.62 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,368.94 | 1/2 | 4,150.48 | 1/2 | 3,931.34 | 1/2 | 3,711.88 | 1/2 | 3,481.93 | 1/2 | 3,133.98 | 1/2 | 2,777.19 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,364.42 | 3/4 | 4,145.91 | 3/4 | 3,926.77 | 3/4 | 3,707.30 | 3/4 | 3,475.96 | 3/4 | 3,126.55 | 3/4 | 2,769.76 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,359.90 | 8 | 4,141.35 | 8 | 3,922.21 | 8 | 3,702.73 | 8 | 3,469.51 | 8 | 3,119.12 | 8 | 2,762.32 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,355.38 | 1/4 | 4,136.78 | 1/4 | 3,917.64 | 1/4 | 3,698.15 | 1/4 | 3,463.06 | 1/4 | 3,111.68 | 1/4 | 2,754.89 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,350.85 | 1/2 | 4,132.21 | 1/2 | 3,913.08 | 1/2 | 3,693.57 | 1/2 | 3,456.62 | 1/2 | 3,104.25 | 1/2 | 2,747.46 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,346.33 | 3/4 | 4,127.65 | 3/4 | 3,908.51 | 3/4 | 3,688.99 | 3/4 | 3,450.17 | 3/4 | 3,096.82 | 3/4 | 2,740.02 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,341.81 | 9 | 4,123.08 | 9 | 3,903.94 | 9 | 3,684.41 | 9 | 3,443.25 | 9 | 3,089.38 | 9 | 2,732.59 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,337.29 | 1/4 | 4,118.52 | 1/4 | 3,899.38 | 1/4 | 3,679.84 | 1/4 | 3,436.32 | 1/4 | 3,081.95 | 1/4 | 2,725.16 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,332.77 | 1/2 | 4,113.95 | 1/2 | 3,894.81 | 1/2 | 3,675.26 | 1/2 | 3,429.40 | 1/2 | 3,074.52 | 1/2 | 2,717.72 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,328.25 | 3/4 | 4,109.39 | 3/4 | 3,890.25 | 3/4 | 3,670.68 | 3/4 | 3,422.47 | 3/4 | 3,067.08 | 3/4 | 2,710.29 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,323.73 | 10 | 4,104.82 | 10 | 3,885.68 | 10 | 3,666.10 | 10 | 3,415.20 | 10 | 3,059.65 | 10 | 2,702.86 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,319.21 | 1/4 | 4,100.26 | 1/4 | 3,881.12 | 1/4 | 3,661.52 | 1/4 | 3,407.92 | 1/4 | 3,052.22 | 1/4 | 2,695.42 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,314.69 | 1/2 | 4,095.69 | 1/2 | 3,876.55 | 1/2 | 3,656.94 | 1/2 | 3,400.64 | 1/2 | 3,044.78 | 1/2 | 2,687.99 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,310.17 | 3/4 | 4,091.13 | 3/4 | 3,871.99 | 3/4 | 3,652.37 | 3/4 | 3,393.36 | 3/4 | 3,037.35 | 3/4 | 2,680.56 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,305.63 | 11 | 4,086.56 | 11 | 3,867.42 | 11 | 3,647.79 | 11 | 3,385.97 | 11 | 3,029.92 | 11 | 2,673.12 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,301.09 | 1/4 | 4,082.00 | 1/4 | 3,862.86 | 1/4 | 3,643.21 | 1/4 | 3,378.57 | 1/4 | 3,022.48 | 1/4 | 2,665.69 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,296.55 | 1/2 | 4,077.43 | 1/2 | 3,858.29 | 1/2 | 3,638.63 | 1/2 | 3,371.17 | 1/2 | 3,015.05 | 1/2 | 2,658.26 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,474.17 | 3/4 | 4,292.00 | 3/4 | 4,072.86 | 3/4 | 3,853.73 | 3/4 | 3,634.05 | 3/4 | 3,363.78 | 3/4 | 3,007.62 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

3 PORT

ULLAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,643.39 | 0 | 2,286.37 | 0 | 1,929.70 | 0 | 1,572.93 | 0 | 1,215.74 | 0 | 870.19 | 0 | 514.43 | 0 | 156.78 | 0 | | 0 | |
| 1/4 | 2,635.96 | 1/4 | 2,278.93 | 1/4 | 1,922.28 | 1/4 | 1,565.48 | 1/4 | 1,208.30 | 1/4 | 863.03 | 1/4 | 506.98 | 1/4 | 149.33 | 1/4 | | 1/4 | |
| 1/2 | 2,628.52 | 1/2 | 2,271.49 | 1/2 | 1,914.85 | 1/2 | 1,558.04 | 1/2 | 1,200.86 | 1/2 | 855.87 | 1/2 | 499.53 | 1/2 | 141.87 | 1/2 | | 1/2 | |
| 3/4 | 2,621.09 | 3/4 | 2,264.05 | 3/4 | 1,907.43 | 3/4 | 1,550.60 | 3/4 | 1,193.42 | 3/4 | 848.71 | 3/4 | 492.09 | 3/4 | 134.41 | 3/4 | | 3/4 | |
| 1 | 2,613.65 | 1 | 2,256.61 | 1 | 1,900.00 | 1 | 1,543.16 | 1 | 1,186.08 | 1 | 841.43 | 1 | 484.64 | 1 | 126.96 | 1 | | 1 | |
| 1/4 | 2,606.22 | 1/4 | 2,249.17 | 1/4 | 1,892.58 | 1/4 | 1,535.72 | 1/4 | 1,178.74 | 1/4 | 834.15 | 1/4 | 477.20 | 1/4 | 119.51 | 1/4 | | 1/4 | |
| 1/2 | 2,598.78 | 1/2 | 2,241.73 | 1/2 | 1,885.15 | 1/2 | 1,528.28 | 1/2 | 1,171.41 | 1/2 | 826.88 | 1/2 | 469.75 | 1/2 | 112.06 | 1/2 | | 1/2 | |
| 3/4 | 2,591.35 | 3/4 | 2,234.30 | 3/4 | 1,877.73 | 3/4 | 1,520.84 | 3/4 | 1,164.07 | 3/4 | 819.60 | 3/4 | 462.30 | 3/4 | 104.60 | 3/4 | | 3/4 | |
| 2 | 2,583.92 | 2 | 2,226.86 | 2 | 1,870.30 | 2 | 1,513.39 | 2 | 1,156.84 | 2 | 812.18 | 2 | 454.86 | 2 | 97.17 | 2 | | 2 | |
| 1/4 | 2,576.48 | 1/4 | 2,219.42 | 1/4 | 1,862.88 | 1/4 | 1,505.95 | 1/4 | 1,149.61 | 1/4 | 804.77 | 1/4 | 447.41 | 1/4 | 89.74 | 1/4 | | 1/4 | |
| 1/2 | 2,569.05 | 1/2 | 2,211.98 | 1/2 | 1,855.45 | 1/2 | 1,498.51 | 1/2 | 1,142.39 | 1/2 | 797.35 | 1/2 | 439.96 | 1/2 | 82.30 | 1/2 | | 1/2 | |
| 3/4 | 2,561.61 | 3/4 | 2,204.55 | 3/4 | 1,848.03 | 3/4 | 1,491.07 | 3/4 | 1,135.16 | 3/4 | 789.94 | 3/4 | 432.52 | 3/4 | 74.87 | 3/4 | | 3/4 | |
| 3 | 2,554.18 | 3 | 2,197.11 | 3 | 1,840.60 | 3 | 1,483.63 | 3 | 1,127.94 | 3 | 782.49 | 3 | 425.07 | 3 | 67.89 | 3 | | 3 | |
| 1/4 | 2,546.74 | 1/4 | 2,189.67 | 1/4 | 1,833.18 | 1/4 | 1,476.19 | 1/4 | 1,120.72 | 1/4 | 775.05 | 1/4 | 417.63 | 1/4 | 60.92 | 1/4 | | 1/4 | |
| 1/2 | 2,539.31 | 1/2 | 2,182.23 | 1/2 | 1,825.75 | 1/2 | 1,468.75 | 1/2 | 1,113.50 | 1/2 | 767.60 | 1/2 | 410.18 | 1/2 | 53.95 | 1/2 | | 1/2 | |
| 3/4 | 2,531.87 | 3/4 | 2,174.79 | 3/4 | 1,818.33 | 3/4 | 1,461.31 | 3/4 | 1,106.28 | 3/4 | 760.15 | 3/4 | 402.73 | 3/4 | 46.97 | 3/4 | | 3/4 | |
| 4 | 2,524.44 | 4 | 2,167.36 | 4 | 1,810.90 | 4 | 1,453.86 | 4 | 1,099.09 | 4 | 752.71 | 4 | 395.29 | 4 | 41.38 | 4 | | 4 | |
| 1/4 | 2,517.01 | 1/4 | 2,159.92 | 1/4 | 1,803.48 | 1/4 | 1,446.42 | 1/4 | 1,091.91 | 1/4 | 745.26 | 1/4 | 387.84 | 1/4 | 35.79 | 1/4 | | 1/4 | |
| 1/2 | 2,509.57 | 1/2 | 2,152.48 | 1/2 | 1,796.05 | 1/2 | 1,438.98 | 1/2 | 1,084.72 | 1/2 | 737.82 | 1/2 | 380.39 | 1/2 | 30.20 | 1/2 | | 1/2 | |
| 3/4 | 2,502.14 | 3/4 | 2,145.04 | 3/4 | 1,788.63 | 3/4 | 1,431.54 | 3/4 | 1,077.54 | 3/4 | 730.37 | 3/4 | 372.95 | 3/4 | 24.60 | 3/4 | | 3/4 | |
| 5 | 2,494.70 | 5 | 2,137.60 | 5 | 1,781.20 | 5 | 1,424.10 | 5 | 1,070.39 | 5 | 722.92 | 5 | 365.50 | 5 | 20.87 | 5 | | 5 | |
| 1/4 | 2,487.27 | 1/4 | 2,130.17 | 1/4 | 1,773.78 | 1/4 | 1,416.66 | 1/4 | 1,063.24 | 1/4 | 715.48 | 1/4 | 358.05 | 1/4 | 17.15 | 1/4 | | 1/4 | |
| 1/2 | 2,479.83 | 1/2 | 2,122.73 | 1/2 | 1,766.35 | 1/2 | 1,409.22 | 1/2 | 1,056.09 | 1/2 | 708.03 | 1/2 | 350.61 | 1/2 | 13.42 | 1/2 | | 1/2 | |
| 3/4 | 2,472.40 | 3/4 | 2,115.29 | 3/4 | 1,758.93 | 3/4 | 1,401.78 | 3/4 | 1,048.94 | 3/4 | 700.58 | 3/4 | 343.16 | 3/4 | 9.69 | 3/4 | | 3/4 | |
| 6 | 2,464.97 | 6 | 2,107.86 | 6 | 1,751.49 | 6 | 1,394.33 | 6 | 1,041.79 | 6 | 693.14 | 6 | 335.72 | 6 | 7.82 | 6 | | 6 | |
| 1/4 | 2,457.53 | 1/4 | 2,100.43 | 1/4 | 1,744.06 | 1/4 | 1,386.89 | 1/4 | 1,034.64 | 1/4 | 685.69 | 1/4 | 328.27 | 1/4 | 5.96 | 1/4 | | 1/4 | |
| 1/2 | 2,450.10 | 1/2 | 2,093.01 | 1/2 | 1,736.63 | 1/2 | 1,379.45 | 1/2 | 1,027.49 | 1/2 | 678.25 | 1/2 | 320.82 | 1/2 | 4.10 | 1/2 | | 1/2 | |
| 3/4 | 2,442.66 | 3/4 | 2,085.58 | 3/4 | 1,729.19 | 3/4 | 1,372.01 | 3/4 | 1,020.34 | 3/4 | 670.80 | 3/4 | 313.38 | 3/4 | 2.23 | 3/4 | | 3/4 | |
| 7 | 2,435.22 | 7 | 2,078.16 | 7 | 1,721.75 | 7 | 1,364.57 | 7 | 1,013.19 | 7 | 663.35 | 7 | 305.92 | 7 | | 7 | | 7 | |
| 1/4 | 2,427.78 | 1/4 | 2,070.74 | 1/4 | 1,714.31 | 1/4 | 1,357.13 | 1/4 | 1,006.04 | 1/4 | 655.91 | 1/4 | 298.47 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,420.35 | 1/2 | 2,063.33 | 1/2 | 1,706.87 | 1/2 | 1,349.69 | 1/2 | 998.89 | 1/2 | 648.46 | 1/2 | 291.02 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,412.91 | 3/4 | 2,055.91 | 3/4 | 1,699.43 | 3/4 | 1,342.24 | 3/4 | 991.74 | 3/4 | 641.01 | 3/4 | 283.57 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,405.46 | 8 | 2,048.49 | 8 | 1,691.99 | 8 | 1,334.80 | 8 | 984.60 | 8 | 633.57 | 8 | 276.11 | 8 | | 8 | | 8 | |
| 1/4 | 2,398.02 | 1/4 | 2,041.07 | 1/4 | 1,684.54 | 1/4 | 1,327.36 | 1/4 | 977.45 | 1/4 | 626.12 | 1/4 | 268.65 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,390.58 | 1/2 | 2,033.64 | 1/2 | 1,677.10 | 1/2 | 1,319.92 | 1/2 | 970.30 | 1/2 | 618.68 | 1/2 | 261.19 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,383.13 | 3/4 | 2,026.22 | 3/4 | 1,669.66 | 3/4 | 1,312.48 | 3/4 | 963.15 | 3/4 | 611.23 | 3/4 | 253.74 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,375.69 | 9 | 2,018.80 | 9 | 1,662.22 | 9 | 1,305.04 | 9 | 956.00 | 9 | 603.78 | 9 | 246.28 | 9 | | 9 | | 9 | |
| 1/4 | 2,368.25 | 1/4 | 2,011.37 | 1/4 | 1,654.78 | 1/4 | 1,297.60 | 1/4 | 948.85 | 1/4 | 596.34 | 1/4 | 238.82 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,360.80 | 1/2 | 2,003.95 | 1/2 | 1,647.34 | 1/2 | 1,290.16 | 1/2 | 941.70 | 1/2 | 588.89 | 1/2 | 231.36 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,353.36 | 3/4 | 1,996.52 | 3/4 | 1,639.90 | 3/4 | 1,282.71 | 3/4 | 934.55 | 3/4 | 581.44 | 3/4 | 223.90 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,345.91 | 10 | 1,989.10 | 10 | 1,632.46 | 10 | 1,275.27 | 10 | 927.40 | 10 | 574.00 | 10 | 216.45 | 10 | | 10 | | 10 | |
| 1/4 | 2,338.47 | 1/4 | 1,981.67 | 1/4 | 1,625.01 | 1/4 | 1,267.83 | 1/4 | 920.25 | 1/4 | 566.55 | 1/4 | 208.99 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,331.03 | 1/2 | 1,974.25 | 1/2 | 1,617.57 | 1/2 | 1,260.39 | 1/2 | 913.10 | 1/2 | 559.10 | 1/2 | 201.53 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,323.58 | 3/4 | 1,966.82 | 3/4 | 1,610.13 | 3/4 | 1,252.95 | 3/4 | 905.95 | 3/4 | 551.66 | 3/4 | 194.07 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,316.14 | 11 | 1,959.40 | 11 | 1,602.69 | 11 | 1,245.51 | 11 | 898.80 | 11 | 544.21 | 11 | 186.62 | 11 | | 11 | | 11 | |
| 1/4 | 2,308.70 | 1/4 | 1,951.97 | 1/4 | 1,595.25 | 1/4 | 1,238.07 | 1/4 | 891.65 | 1/4 | 536.77 | 1/4 | 179.16 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,301.25 | 1/2 | 1,944.55 | 1/2 | 1,587.81 | 1/2 | 1,230.63 | 1/2 | 884.50 | 1/2 | 529.32 | 1/2 | 171.70 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,293.81 | 3/4 | 1,937.12 | 3/4 | 1,580.37 | 3/4 | 1,223.18 | 3/4 | 877.35 | 3/4 | 521.87 | 3/4 | 164.24 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/08/2019 CL
PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 STBD ULLAGE TABLE

10" HATCH GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4,484.56 | 0 | 4,299.45 | 0 | 4,080.70 | 0 | 3,861.95 | 0 | 3,642.65 | 0 | 3,369.80 | 0 | 3,013.59 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,483.28 | 1/4 | 4,294.89 | 1/4 | 4,076.14 | 1/4 | 3,857.39 | 1/4 | 3,638.08 | 1/4 | 3,362.39 | 1/4 | 3,006.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,482.01 | 1/2 | 4,290.33 | 1/2 | 4,071.58 | 1/2 | 3,852.83 | 1/2 | 3,633.51 | 1/2 | 3,354.99 | 1/2 | 2,998.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,480.73 | 3/4 | 4,285.78 | 3/4 | 4,067.03 | 3/4 | 3,848.27 | 3/4 | 3,628.94 | 3/4 | 3,347.59 | 3/4 | 2,991.29 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,478.70 | 1 | 4,281.22 | 1 | 4,062.47 | 1 | 3,843.71 | 1 | 3,624.37 | 1 | 3,340.18 | 1 | 2,983.86 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,476.66 | 1/4 | 4,276.66 | 1/4 | 4,057.91 | 1/4 | 3,839.15 | 1/4 | 3,619.80 | 1/4 | 3,332.78 | 1/4 | 2,976.43 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,474.62 | 1/2 | 4,272.10 | 1/2 | 4,053.35 | 1/2 | 3,834.59 | 1/2 | 3,615.23 | 1/2 | 3,325.37 | 1/2 | 2,968.99 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,472.58 | 3/4 | 4,267.55 | 3/4 | 4,048.80 | 3/4 | 3,830.02 | 3/4 | 3,610.66 | 3/4 | 3,317.96 | 3/4 | 2,961.56 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,469.79 | 2 | 4,262.99 | 2 | 4,044.24 | 2 | 3,825.45 | 2 | 3,606.09 | 2 | 3,310.56 | 2 | 2,954.12 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,466.99 | 1/4 | 4,258.43 | 1/4 | 4,039.68 | 1/4 | 3,820.88 | 1/4 | 3,601.52 | 1/4 | 3,303.15 | 1/4 | 2,946.69 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,464.19 | 1/2 | 4,253.87 | 1/2 | 4,035.12 | 1/2 | 3,816.31 | 1/2 | 3,596.95 | 1/2 | 3,295.75 | 1/2 | 2,939.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,461.39 | 3/4 | 4,249.32 | 3/4 | 4,030.57 | 3/4 | 3,811.74 | 3/4 | 3,592.38 | 3/4 | 3,288.34 | 3/4 | 2,931.82 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,457.83 | 3 | 4,244.76 | 3 | 4,026.01 | 3 | 3,807.17 | 3 | 3,587.81 | 3 | 3,280.94 | 3 | 2,924.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,454.27 | 1/4 | 4,240.20 | 1/4 | 4,021.45 | 1/4 | 3,802.60 | 1/4 | 3,583.24 | 1/4 | 3,273.53 | 1/4 | 2,916.96 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,450.70 | 1/2 | 4,235.65 | 1/2 | 4,016.89 | 1/2 | 3,798.03 | 1/2 | 3,578.67 | 1/2 | 3,266.13 | 1/2 | 2,909.52 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,447.14 | 3/4 | 4,231.09 | 3/4 | 4,012.34 | 3/4 | 3,793.46 | 3/4 | 3,574.10 | 3/4 | 3,258.72 | 3/4 | 2,902.09 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,442.94 | 4 | 4,226.53 | 4 | 4,007.78 | 4 | 3,788.89 | 4 | 3,569.41 | 4 | 3,251.32 | 4 | 2,894.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,438.73 | 1/4 | 4,221.97 | 1/4 | 4,003.22 | 1/4 | 3,784.32 | 1/4 | 3,564.73 | 1/4 | 3,243.91 | 1/4 | 2,887.22 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,434.53 | 1/2 | 4,217.42 | 1/2 | 3,998.67 | 1/2 | 3,779.75 | 1/2 | 3,560.04 | 1/2 | 3,236.51 | 1/2 | 2,879.79 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,430.32 | 3/4 | 4,212.86 | 3/4 | 3,994.11 | 3/4 | 3,775.18 | 3/4 | 3,555.35 | 3/4 | 3,229.10 | 3/4 | 2,872.36 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,425.83 | 5 | 4,208.30 | 5 | 3,989.55 | 5 | 3,770.61 | 5 | 3,550.32 | 5 | 3,221.69 | 5 | 2,864.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,421.35 | 1/4 | 4,203.74 | 1/4 | 3,984.99 | 1/4 | 3,766.04 | 1/4 | 3,545.29 | 1/4 | 3,214.27 | 1/4 | 2,857.49 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,416.86 | 1/2 | 4,199.19 | 1/2 | 3,980.44 | 1/2 | 3,761.47 | 1/2 | 3,540.26 | 1/2 | 3,206.85 | 1/2 | 2,850.06 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,412.37 | 3/4 | 4,194.63 | 3/4 | 3,975.88 | 3/4 | 3,756.90 | 3/4 | 3,535.23 | 3/4 | 3,199.43 | 3/4 | 2,842.62 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,407.86 | 6 | 4,190.07 | 6 | 3,971.32 | 6 | 3,752.33 | 6 | 3,529.74 | 6 | 3,192.00 | 6 | 2,835.19 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,403.35 | 1/4 | 4,185.52 | 1/4 | 3,966.76 | 1/4 | 3,747.76 | 1/4 | 3,524.25 | 1/4 | 3,184.56 | 1/4 | 2,827.76 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,398.85 | 1/2 | 4,180.96 | 1/2 | 3,962.21 | 1/2 | 3,743.19 | 1/2 | 3,518.76 | 1/2 | 3,177.13 | 1/2 | 2,820.32 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,394.34 | 3/4 | 4,176.40 | 3/4 | 3,957.65 | 3/4 | 3,738.62 | 3/4 | 3,513.27 | 3/4 | 3,169.70 | 3/4 | 2,812.89 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,389.83 | 7 | 4,171.84 | 7 | 3,953.09 | 7 | 3,734.05 | 7 | 3,507.30 | 7 | 3,162.26 | 7 | 2,805.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,385.31 | 1/4 | 4,167.29 | 1/4 | 3,948.54 | 1/4 | 3,729.48 | 1/4 | 3,501.33 | 1/4 | 3,154.83 | 1/4 | 2,798.02 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,380.80 | 1/2 | 4,162.73 | 1/2 | 3,943.98 | 1/2 | 3,724.91 | 1/2 | 3,495.36 | 1/2 | 3,147.40 | 1/2 | 2,790.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,376.29 | 3/4 | 4,158.17 | 3/4 | 3,939.42 | 3/4 | 3,720.34 | 3/4 | 3,489.39 | 3/4 | 3,139.96 | 3/4 | 2,783.15 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,371.77 | 8 | 4,153.61 | 8 | 3,934.86 | 8 | 3,715.77 | 8 | 3,482.94 | 8 | 3,132.53 | 8 | 2,775.72 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,367.26 | 1/4 | 4,149.06 | 1/4 | 3,930.31 | 1/4 | 3,711.20 | 1/4 | 3,476.50 | 1/4 | 3,125.10 | 1/4 | 2,768.29 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,362.75 | 1/2 | 4,144.50 | 1/2 | 3,925.75 | 1/2 | 3,706.63 | 1/2 | 3,470.05 | 1/2 | 3,117.66 | 1/2 | 2,760.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,358.24 | 3/4 | 4,139.94 | 3/4 | 3,921.19 | 3/4 | 3,702.06 | 3/4 | 3,463.60 | 3/4 | 3,110.23 | 3/4 | 2,753.42 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,353.72 | 9 | 4,135.38 | 9 | 3,916.63 | 9 | 3,697.49 | 9 | 3,456.67 | 9 | 3,102.79 | 9 | 2,745.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,349.21 | 1/4 | 4,130.83 | 1/4 | 3,912.08 | 1/4 | 3,692.92 | 1/4 | 3,449.75 | 1/4 | 3,095.36 | 1/4 | 2,738.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,344.70 | 1/2 | 4,126.27 | 1/2 | 3,907.52 | 1/2 | 3,688.35 | 1/2 | 3,442.82 | 1/2 | 3,087.93 | 1/2 | 2,731.12 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,340.19 | 3/4 | 4,121.71 | 3/4 | 3,902.96 | 3/4 | 3,683.78 | 3/4 | 3,435.90 | 3/4 | 3,080.49 | 3/4 | 2,723.69 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,335.68 | 10 | 4,117.16 | 10 | 3,898.41 | 10 | 3,679.21 | 10 | 3,428.62 | 10 | 3,073.06 | 10 | 2,716.25 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,331.16 | 1/4 | 4,112.60 | 1/4 | 3,893.85 | 1/4 | 3,674.64 | 1/4 | 3,421.34 | 1/4 | 3,065.63 | 1/4 | 2,708.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,326.65 | 1/2 | 4,108.04 | 1/2 | 3,889.29 | 1/2 | 3,670.07 | 1/2 | 3,414.06 | 1/2 | 3,058.19 | 1/2 | 2,701.39 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,322.14 | 3/4 | 4,103.48 | 3/4 | 3,884.73 | 3/4 | 3,665.50 | 3/4 | 3,406.78 | 3/4 | 3,050.74 | 3/4 | 2,693.95 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,317.61 | 11 | 4,098.93 | 11 | 3,880.18 | 11 | 3,660.93 | 11 | 3,399.39 | 11 | 3,043.33 | 11 | 2,686.52 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,313.07 | 1/4 | 4,094.37 | 1/4 | 3,875.62 | 1/4 | 3,656.36 | 1/4 | 3,391.99 | 1/4 | 3,035.89 | 1/4 | 2,679.09 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,308.54 | 1/2 | 4,089.81 | 1/2 | 3,871.06 | 1/2 | 3,651.79 | 1/2 | 3,384.59 | 1/2 | 3,028.46 | 1/2 | 2,671.65 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,485.84 | 3/4 | 4,304.00 | 3/4 | 4,085.25 | 3/4 | 3,866.50 | 3/4 | 3,647.22 | 3/4 | 3,377.20 | 3/4 | 3,021.03 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP 10" HATCH ON EXPANSION DOME
 GAUGE POINT: (10" HATCH) LOCATED 3'-00" OFF CENTERLINE AND 82'-09" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29142"

3 STBD

ULLAGE TABLE

10" HATCH

GAUGE HEIGHT 17'-06 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,656.78 | 0 | 2,299.76 | 0 | 1,942.46 | 0 | 1,585.16 | 0 | 1,227.85 | 0 | 871.04 | 0 | 513.77 | 0 | 156.48 | 0 | | 0 | |
| 1/4 | 2,649.35 | 1/4 | 2,292.32 | 1/4 | 1,935.01 | 1/4 | 1,577.71 | 1/4 | 1,220.41 | 1/4 | 863.60 | 1/4 | 506.32 | 1/4 | 149.04 | 1/4 | | 1/4 | |
| 1/2 | 2,641.92 | 1/2 | 2,284.87 | 1/2 | 1,927.57 | 1/2 | 1,570.27 | 1/2 | 1,212.97 | 1/2 | 856.16 | 1/2 | 498.88 | 1/2 | 141.60 | 1/2 | | 1/2 | |
| 3/4 | 2,634.48 | 3/4 | 2,277.43 | 3/4 | 1,920.13 | 3/4 | 1,562.82 | 3/4 | 1,205.52 | 3/4 | 848.73 | 3/4 | 491.44 | 3/4 | 134.15 | 3/4 | | 3/4 | |
| 1 | 2,627.05 | 1 | 2,269.98 | 1 | 1,912.68 | 1 | 1,555.38 | 1 | 1,198.08 | 1 | 841.28 | 1 | 483.99 | 1 | 126.71 | 1 | | 1 | |
| 1/4 | 2,619.61 | 1/4 | 2,262.54 | 1/4 | 1,905.24 | 1/4 | 1,547.94 | 1/4 | 1,190.63 | 1/4 | 833.84 | 1/4 | 476.55 | 1/4 | 119.28 | 1/4 | | 1/4 | |
| 1/2 | 2,612.18 | 1/2 | 2,255.10 | 1/2 | 1,897.79 | 1/2 | 1,540.49 | 1/2 | 1,183.19 | 1/2 | 826.40 | 1/2 | 469.11 | 1/2 | 111.84 | 1/2 | | 1/2 | |
| 3/4 | 2,604.74 | 3/4 | 2,247.65 | 3/4 | 1,890.35 | 3/4 | 1,533.05 | 3/4 | 1,175.75 | 3/4 | 818.95 | 3/4 | 461.66 | 3/4 | 104.40 | 3/4 | | 3/4 | |
| 2 | 2,597.31 | 2 | 2,240.21 | 2 | 1,882.91 | 2 | 1,525.60 | 2 | 1,168.31 | 2 | 811.51 | 2 | 454.22 | 2 | 96.98 | 2 | | 2 | |
| 1/4 | 2,589.87 | 1/4 | 2,232.77 | 1/4 | 1,875.46 | 1/4 | 1,518.16 | 1/4 | 1,160.86 | 1/4 | 804.06 | 1/4 | 446.78 | 1/4 | 89.56 | 1/4 | | 1/4 | |
| 1/2 | 2,582.44 | 1/2 | 2,225.32 | 1/2 | 1,868.02 | 1/2 | 1,510.72 | 1/2 | 1,153.42 | 1/2 | 796.62 | 1/2 | 439.33 | 1/2 | 82.14 | 1/2 | | 1/2 | |
| 3/4 | 2,575.01 | 3/4 | 2,217.88 | 3/4 | 1,860.58 | 3/4 | 1,503.27 | 3/4 | 1,145.98 | 3/4 | 789.18 | 3/4 | 431.89 | 3/4 | 74.72 | 3/4 | | 3/4 | |
| 3 | 2,567.57 | 3 | 2,210.43 | 3 | 1,853.13 | 3 | 1,495.83 | 3 | 1,138.54 | 3 | 781.73 | 3 | 424.45 | 3 | 67.76 | 3 | | 3 | |
| 1/4 | 2,560.14 | 1/4 | 2,202.99 | 1/4 | 1,845.69 | 1/4 | 1,488.39 | 1/4 | 1,131.11 | 1/4 | 774.29 | 1/4 | 417.00 | 1/4 | 60.80 | 1/4 | | 1/4 | |
| 1/2 | 2,552.70 | 1/2 | 2,195.55 | 1/2 | 1,838.24 | 1/2 | 1,480.94 | 1/2 | 1,123.67 | 1/2 | 766.85 | 1/2 | 409.56 | 1/2 | 53.84 | 1/2 | | 1/2 | |
| 3/4 | 2,545.27 | 3/4 | 2,188.10 | 3/4 | 1,830.80 | 3/4 | 1,473.50 | 3/4 | 1,116.23 | 3/4 | 759.40 | 3/4 | 402.12 | 3/4 | 46.88 | 3/4 | | 3/4 | |
| 4 | 2,537.83 | 4 | 2,180.66 | 4 | 1,823.36 | 4 | 1,466.05 | 4 | 1,108.80 | 4 | 751.96 | 4 | 394.67 | 4 | 41.30 | 4 | | 4 | |
| 1/4 | 2,530.40 | 1/4 | 2,173.22 | 1/4 | 1,815.91 | 1/4 | 1,458.61 | 1/4 | 1,101.36 | 1/4 | 744.52 | 1/4 | 387.23 | 1/4 | 35.72 | 1/4 | | 1/4 | |
| 1/2 | 2,522.96 | 1/2 | 2,165.77 | 1/2 | 1,808.47 | 1/2 | 1,451.17 | 1/2 | 1,093.93 | 1/2 | 737.07 | 1/2 | 379.79 | 1/2 | 30.14 | 1/2 | | 1/2 | |
| 3/4 | 2,515.53 | 3/4 | 2,158.33 | 3/4 | 1,801.03 | 3/4 | 1,443.72 | 3/4 | 1,086.50 | 3/4 | 729.63 | 3/4 | 372.34 | 3/4 | 24.56 | 3/4 | | 3/4 | |
| 5 | 2,508.09 | 5 | 2,150.88 | 5 | 1,793.58 | 5 | 1,436.28 | 5 | 1,079.07 | 5 | 722.19 | 5 | 364.90 | 5 | 20.83 | 5 | | 5 | |
| 1/4 | 2,500.66 | 1/4 | 2,143.44 | 1/4 | 1,786.14 | 1/4 | 1,428.84 | 1/4 | 1,071.64 | 1/4 | 714.74 | 1/4 | 357.45 | 1/4 | 17.11 | 1/4 | | 1/4 | |
| 1/2 | 2,493.22 | 1/2 | 2,136.00 | 1/2 | 1,778.69 | 1/2 | 1,421.39 | 1/2 | 1,064.21 | 1/2 | 707.30 | 1/2 | 350.01 | 1/2 | 13.39 | 1/2 | | 1/2 | |
| 3/4 | 2,485.79 | 3/4 | 2,128.55 | 3/4 | 1,771.25 | 3/4 | 1,413.95 | 3/4 | 1,056.78 | 3/4 | 699.86 | 3/4 | 342.57 | 3/4 | 9.67 | 3/4 | | 3/4 | |
| 6 | 2,478.35 | 6 | 2,121.11 | 6 | 1,763.81 | 6 | 1,406.50 | 6 | 1,049.35 | 6 | 692.41 | 6 | 335.12 | 6 | 7.81 | 6 | | 6 | |
| 1/4 | 2,470.92 | 1/4 | 2,113.66 | 1/4 | 1,756.36 | 1/4 | 1,399.06 | 1/4 | 1,041.92 | 1/4 | 684.97 | 1/4 | 327.68 | 1/4 | 5.95 | 1/4 | | 1/4 | |
| 1/2 | 2,463.48 | 1/2 | 2,106.22 | 1/2 | 1,748.92 | 1/2 | 1,391.62 | 1/2 | 1,034.49 | 1/2 | 677.53 | 1/2 | 320.24 | 1/2 | 4.09 | 1/2 | | 1/2 | |
| 3/4 | 2,456.05 | 3/4 | 2,098.78 | 3/4 | 1,741.47 | 3/4 | 1,384.17 | 3/4 | 1,027.06 | 3/4 | 670.08 | 3/4 | 312.79 | 3/4 | 2.23 | 3/4 | | 3/4 | |
| 7 | 2,448.61 | 7 | 2,091.33 | 7 | 1,734.03 | 7 | 1,376.73 | 7 | 1,019.63 | 7 | 662.64 | 7 | 305.35 | 7 | | 7 | | 7 | |
| 1/4 | 2,441.18 | 1/4 | 2,083.89 | 1/4 | 1,726.59 | 1/4 | 1,369.28 | 1/4 | 1,012.20 | 1/4 | 655.19 | 1/4 | 297.91 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,433.74 | 1/2 | 2,076.45 | 1/2 | 1,719.14 | 1/2 | 1,361.84 | 1/2 | 1,004.77 | 1/2 | 647.75 | 1/2 | 290.46 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,426.30 | 3/4 | 2,069.00 | 3/4 | 1,711.70 | 3/4 | 1,354.40 | 3/4 | 997.34 | 3/4 | 640.31 | 3/4 | 283.02 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,418.86 | 8 | 2,061.56 | 8 | 1,704.26 | 8 | 1,346.95 | 8 | 989.91 | 8 | 632.86 | 8 | 275.58 | 8 | | 8 | | 8 | |
| 1/4 | 2,411.42 | 1/4 | 2,054.11 | 1/4 | 1,696.81 | 1/4 | 1,339.51 | 1/4 | 982.48 | 1/4 | 625.42 | 1/4 | 268.13 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,403.97 | 1/2 | 2,046.67 | 1/2 | 1,689.37 | 1/2 | 1,332.07 | 1/2 | 975.05 | 1/2 | 617.98 | 1/2 | 260.69 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,396.53 | 3/4 | 2,039.23 | 3/4 | 1,681.92 | 3/4 | 1,324.62 | 3/4 | 967.63 | 3/4 | 610.53 | 3/4 | 253.25 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,389.09 | 9 | 2,031.78 | 9 | 1,674.48 | 9 | 1,317.18 | 9 | 960.20 | 9 | 603.09 | 9 | 245.80 | 9 | | 9 | | 9 | |
| 1/4 | 2,381.64 | 1/4 | 2,024.34 | 1/4 | 1,667.04 | 1/4 | 1,309.73 | 1/4 | 952.77 | 1/4 | 595.65 | 1/4 | 238.36 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,374.20 | 1/2 | 2,016.90 | 1/2 | 1,659.59 | 1/2 | 1,302.29 | 1/2 | 945.34 | 1/2 | 588.20 | 1/2 | 230.92 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,366.75 | 3/4 | 2,009.45 | 3/4 | 1,652.15 | 3/4 | 1,294.85 | 3/4 | 937.91 | 3/4 | 580.76 | 3/4 | 223.47 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,359.31 | 10 | 2,002.01 | 10 | 1,644.71 | 10 | 1,287.40 | 10 | 930.48 | 10 | 573.32 | 10 | 216.03 | 10 | | 10 | | 10 | |
| 1/4 | 2,351.87 | 1/4 | 1,994.56 | 1/4 | 1,637.26 | 1/4 | 1,279.96 | 1/4 | 923.05 | 1/4 | 565.87 | 1/4 | 208.58 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,344.42 | 1/2 | 1,987.12 | 1/2 | 1,629.82 | 1/2 | 1,272.52 | 1/2 | 915.62 | 1/2 | 558.43 | 1/2 | 201.14 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,336.98 | 3/4 | 1,979.68 | 3/4 | 1,622.37 | 3/4 | 1,265.07 | 3/4 | 908.19 | 3/4 | 550.99 | 3/4 | 193.70 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,329.54 | 11 | 1,972.23 | 11 | 1,614.93 | 11 | 1,257.63 | 11 | 900.76 | 11 | 543.54 | 11 | 186.25 | 11 | | 11 | | 11 | |
| 1/4 | 2,322.09 | 1/4 | 1,964.79 | 1/4 | 1,607.49 | 1/4 | 1,250.18 | 1/4 | 893.33 | 1/4 | 536.10 | 1/4 | 178.81 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,314.65 | 1/2 | 1,957.35 | 1/2 | 1,600.04 | 1/2 | 1,242.74 | 1/2 | 885.90 | 1/2 | 528.66 | 1/2 | 171.37 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,307.20 | 3/4 | 1,949.90 | 3/4 | 1,592.60 | 3/4 | 1,235.30 | 3/4 | 878.47 | 3/4 | 521.21 | 3/4 | 163.92 | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
 CALCULATED: 01/08/2019 CL
 PRINTED: 01/08/2019 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

ULLAGE (HERMETIC)

| | 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 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 1 STBD | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 2 PORT | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 |
| 2 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 |
| 3 PORT | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |
| 3 STBD | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 6'-00"
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

January 7, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "CTC 29142"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|----------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| 0 | 0 | 0 | 0 | 0 | 4,852.12 | 0 | 4,496.21 | 0 | 4,139.41 | 0 | 3,782.00 | 0 | 3,424.15 | 0 | 3,066.30 | 0 | 2,708.45 | 0 | 2,350.53 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,844.76 | 1/4 | 4,488.77 | 1/4 | 4,131.97 | 1/4 | 3,774.54 | 1/4 | 3,416.69 | 1/4 | 3,058.84 | 1/4 | 2,700.99 | 1/4 | 2,343.08 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,837.40 | 1/2 | 4,481.34 | 1/2 | 4,124.54 | 1/2 | 3,767.09 | 1/2 | 3,409.24 | 1/2 | 3,051.39 | 1/2 | 2,693.54 | 1/2 | 2,335.62 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,830.04 | 3/4 | 4,473.91 | 3/4 | 4,117.11 | 3/4 | 3,759.63 | 3/4 | 3,401.78 | 3/4 | 3,043.93 | 3/4 | 2,686.08 | 3/4 | 2,328.16 |
| 1 | 1 | 1 | 1 | 1 | 4,822.68 | 1 | 4,466.47 | 1 | 4,109.67 | 1 | 3,752.18 | 1 | 3,394.33 | 1 | 3,036.48 | 1 | 2,678.63 | 1 | 2,320.70 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,815.32 | 1/4 | 4,459.04 | 1/4 | 4,102.24 | 1/4 | 3,744.72 | 1/4 | 3,386.87 | 1/4 | 3,029.02 | 1/4 | 2,671.17 | 1/4 | 2,313.25 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,807.96 | 1/2 | 4,451.61 | 1/2 | 4,094.81 | 1/2 | 3,737.26 | 1/2 | 3,379.42 | 1/2 | 3,021.57 | 1/2 | 2,663.72 | 1/2 | 2,305.79 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,800.60 | 3/4 | 4,444.17 | 3/4 | 4,087.37 | 3/4 | 3,729.81 | 3/4 | 3,371.96 | 3/4 | 3,014.11 | 3/4 | 2,656.26 | 3/4 | 2,298.33 |
| 2 | 2 | 2 | 2 | 2 | 4,793.24 | 2 | 4,436.74 | 2 | 4,079.94 | 2 | 3,722.35 | 2 | 3,364.50 | 2 | 3,006.66 | 2 | 2,648.81 | 2 | 2,290.88 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,785.88 | 1/4 | 4,429.31 | 1/4 | 4,072.51 | 1/4 | 3,714.90 | 1/4 | 3,357.05 | 1/4 | 2,999.20 | 1/4 | 2,641.35 | 1/4 | 2,283.42 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,778.52 | 1/2 | 4,421.87 | 1/2 | 4,065.07 | 1/2 | 3,707.44 | 1/2 | 3,349.59 | 1/2 | 2,991.74 | 1/2 | 2,633.90 | 1/2 | 2,275.96 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,771.16 | 3/4 | 4,414.44 | 3/4 | 4,057.64 | 3/4 | 3,699.99 | 3/4 | 3,342.14 | 3/4 | 2,984.29 | 3/4 | 2,626.44 | 3/4 | 2,268.50 |
| 3 | 3 | 3 | 3 | 3 | 4,763.80 | 3 | 4,407.01 | 3 | 4,050.21 | 3 | 3,692.53 | 3 | 3,334.68 | 3 | 2,976.83 | 3 | 2,618.98 | 3 | 2,261.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,756.37 | 1/4 | 4,399.57 | 1/4 | 4,042.77 | 1/4 | 3,685.08 | 1/4 | 3,327.23 | 1/4 | 2,969.38 | 1/4 | 2,611.53 | 1/4 | 2,253.59 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,748.94 | 1/2 | 4,392.14 | 1/2 | 4,035.34 | 1/2 | 3,677.62 | 1/2 | 3,319.77 | 1/2 | 2,961.92 | 1/2 | 2,604.07 | 1/2 | 2,246.13 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,741.50 | 3/4 | 4,384.71 | 3/4 | 4,027.91 | 3/4 | 3,670.17 | 3/4 | 3,312.32 | 3/4 | 2,954.47 | 3/4 | 2,596.62 | 3/4 | 2,238.68 |
| 4 | 4 | 4 | 4 | 4 | 4,734.07 | 4 | 4,377.27 | 4 | 4,020.47 | 4 | 3,662.71 | 4 | 3,304.86 | 4 | 2,947.01 | 4 | 2,589.16 | 4 | 2,231.22 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,726.64 | 1/4 | 4,369.84 | 1/4 | 4,013.04 | 1/4 | 3,655.26 | 1/4 | 3,297.41 | 1/4 | 2,939.56 | 1/4 | 2,581.71 | 1/4 | 2,223.76 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,719.20 | 1/2 | 4,362.41 | 1/2 | 4,005.61 | 1/2 | 3,647.80 | 1/2 | 3,289.95 | 1/2 | 2,932.10 | 1/2 | 2,574.25 | 1/2 | 2,216.30 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,711.77 | 3/4 | 4,354.97 | 3/4 | 3,998.17 | 3/4 | 3,640.35 | 3/4 | 3,282.50 | 3/4 | 2,924.65 | 3/4 | 2,566.79 | 3/4 | 2,208.85 |
| 5 | 5 | 5 | 5 | 5 | 4,704.34 | 5 | 4,347.54 | 5 | 3,990.74 | 5 | 3,632.89 | 5 | 3,275.04 | 5 | 2,917.19 | 5 | 2,559.34 | 5 | 2,201.39 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,696.91 | 1/4 | 4,340.11 | 1/4 | 3,983.29 | 1/4 | 3,625.44 | 1/4 | 3,267.59 | 1/4 | 2,909.74 | 1/4 | 2,551.88 | 1/4 | 2,193.93 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,689.47 | 1/2 | 4,332.67 | 1/2 | 3,975.83 | 1/2 | 3,617.98 | 1/2 | 3,260.13 | 1/2 | 2,902.28 | 1/2 | 2,544.42 | 1/2 | 2,186.48 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,682.04 | 3/4 | 4,325.24 | 3/4 | 3,968.38 | 3/4 | 3,610.53 | 3/4 | 3,252.68 | 3/4 | 2,894.83 | 3/4 | 2,536.96 | 3/4 | 2,179.02 |
| 6 | 6 | 5,016.02 | 6 | 4,674.61 | 6 | 4,317.81 | 6 | 3,960.92 | 6 | 3,603.07 | 6 | 3,245.22 | 6 | 2,887.37 | 6 | 2,529.51 | 6 | 2,171.56 | |
| 1/4 | 1/4 | 5,010.83 | 1/4 | 4,667.17 | 1/4 | 4,310.37 | 1/4 | 3,953.47 | 1/4 | 3,595.62 | 1/4 | 3,237.77 | 1/4 | 2,879.92 | 1/4 | 2,522.05 | 1/4 | 2,164.10 | |
| 1/2 | 1/2 | 5,005.65 | 1/2 | 4,659.74 | 1/2 | 4,302.94 | 1/2 | 3,946.01 | 1/2 | 3,588.16 | 1/2 | 3,230.31 | 1/2 | 2,872.46 | 1/2 | 2,514.59 | 1/2 | 2,156.65 | |
| 3/4 | 3/4 | 5,000.46 | 3/4 | 4,652.31 | 3/4 | 4,295.51 | 3/4 | 3,938.56 | 3/4 | 3,580.71 | 3/4 | 3,222.86 | 3/4 | 2,865.01 | 3/4 | 2,507.13 | 3/4 | 2,149.19 | |
| 7 | 7 | 4,995.27 | 7 | 4,644.87 | 7 | 4,288.07 | 7 | 3,931.10 | 7 | 3,573.25 | 7 | 3,215.40 | 7 | 2,857.55 | 7 | 2,499.68 | 7 | 2,141.73 | |
| 1/4 | 1/4 | 4,988.85 | 1/4 | 4,637.44 | 1/4 | 4,280.64 | 1/4 | 3,923.64 | 1/4 | 3,565.80 | 1/4 | 3,207.95 | 1/4 | 2,850.10 | 1/4 | 2,492.22 | 1/4 | 2,134.27 | |
| 1/2 | 1/2 | 4,982.42 | 1/2 | 4,630.01 | 1/2 | 4,273.21 | 1/2 | 3,916.19 | 1/2 | 3,558.34 | 1/2 | 3,200.49 | 1/2 | 2,842.64 | 1/2 | 2,484.76 | 1/2 | 2,126.82 | |
| 3/4 | 3/4 | 4,975.99 | 3/4 | 4,622.57 | 3/4 | 4,265.77 | 3/4 | 3,908.73 | 3/4 | 3,550.88 | 3/4 | 3,193.04 | 3/4 | 2,835.19 | 3/4 | 2,477.31 | 3/4 | 2,119.36 | |
| 8 | 8 | 4,969.56 | 8 | 4,615.14 | 8 | 4,258.34 | 8 | 3,901.28 | 8 | 3,543.43 | 8 | 3,185.58 | 8 | 2,827.73 | 8 | 2,469.85 | 8 | 2,111.90 | |
| 1/4 | 1/4 | 4,962.27 | 1/4 | 4,607.71 | 1/4 | 4,250.91 | 1/4 | 3,893.82 | 1/4 | 3,535.97 | 1/4 | 3,178.12 | 1/4 | 2,820.28 | 1/4 | 2,462.39 | 1/4 | 2,104.45 | |
| 1/2 | 1/2 | 4,954.97 | 1/2 | 4,600.27 | 1/2 | 4,243.47 | 1/2 | 3,886.37 | 1/2 | 3,528.52 | 1/2 | 3,170.67 | 1/2 | 2,812.82 | 1/2 | 2,454.93 | 1/2 | 2,096.99 | |
| 3/4 | 3/4 | 4,947.68 | 3/4 | 4,592.84 | 3/4 | 4,236.04 | 3/4 | 3,878.91 | 3/4 | 3,521.06 | 3/4 | 3,163.21 | 3/4 | 2,805.36 | 3/4 | 2,447.48 | 3/4 | 2,089.53 | |
| 9 | 9 | 4,940.39 | 9 | 4,585.41 | 9 | 4,228.61 | 9 | 3,871.46 | 9 | 3,513.61 | 9 | 3,155.76 | 9 | 2,797.91 | 9 | 2,440.02 | 9 | 2,082.07 | |
| 1/4 | 1/4 | 4,933.04 | 1/4 | 4,577.97 | 1/4 | 4,221.17 | 1/4 | 3,864.00 | 1/4 | 3,506.15 | 1/4 | 3,148.30 | 1/4 | 2,790.45 | 1/4 | 2,432.56 | 1/4 | 2,074.62 | |
| 1/2 | 1/2 | 4,925.70 | 1/2 | 4,570.54 | 1/2 | 4,213.74 | 1/2 | 3,856.55 | 1/2 | 3,498.70 | 1/2 | 3,140.85 | 1/2 | 2,783.00 | 1/2 | 2,425.11 | 1/2 | 2,067.16 | |
| 3/4 | 3/4 | 4,918.35 | 3/4 | 4,563.11 | 3/4 | 4,206.31 | 3/4 | 3,849.09 | 3/4 | 3,491.24 | 3/4 | 3,133.39 | 3/4 | 2,775.54 | 3/4 | 2,417.65 | 3/4 | 2,059.70 | |
| 10 | 10 | 4,911.00 | 10 | 4,555.67 | 10 | 4,198.87 | 10 | 3,841.64 | 10 | 3,483.79 | 10 | 3,125.94 | 10 | 2,768.09 | 10 | 2,410.19 | 10 | 2,052.25 | |
| 1/4 | 1/4 | 4,903.64 | 1/4 | 4,548.24 | 1/4 | 4,191.44 | 1/4 | 3,834.18 | 1/4 | 3,476.33 | 1/4 | 3,118.48 | 1/4 | 2,760.63 | 1/4 | 2,402.73 | 1/4 | 2,044.79 | |
| 1/2 | 1/2 | 4,896.29 | 1/2 | 4,540.81 | 1/2 | 4,184.01 | 1/2 | 3,826.73 | 1/2 | 3,468.88 | 1/2 | 3,111.03 | 1/2 | 2,753.18 | 1/2 | 2,395.28 | 1/2 | 2,037.33 | |
| 3/4 | 3/4 | 4,888.93 | 3/4 | 4,533.37 | 3/4 | 4,176.57 | 3/4 | 3,819.27 | 3/4 | 3,461.42 | 3/4 | 3,103.57 | 3/4 | 2,745.72 | 3/4 | 2,387.82 | 3/4 | 2,029.87 | |
| 11 | 11 | 4,881.57 | 11 | 4,525.94 | 11 | 4,169.14 | 11 | 3,811.82 | 11 | 3,453.97 | 11 | 3,096.12 | 11 | 2,738.27 | 11 | 2,380.36 | 11 | 2,022.42 | |
| 1/4 | 1/4 | 4,874.21 | 1/4 | 4,518.51 | 1/4 | 4,161.71 | 1/4 | 3,804.36 | 1/4 | 3,446.51 | 1/4 | 3,088.66 | 1/4 | 2,730.81 | 1/4 | 2,372.91 | 1/4 | 2,014.96 | |
| 1/2 | 1/2 | 4,866.85 | 1/2 | 4,511.07 | 1/2 | 4,154.27 | 1/2 | 3,796.91 | 1/2 | 3,439.06 | 1/2 | 3,081.21 | 1/2 | 2,723.36 | 1/2 | 2,365.45 | 1/2 | 2,007.50 | |
| 3/4 | 3/4 | 4,859.49 | 3/4 | 4,503.64 | 3/4 | 4,146.84 | 3/4 | 3,789.45 | 3/4 | 3,431.60 | 3/4 | 3,073.75 | 3/4 | 2,715.90 | 3/4 | 2,357.99 | 3/4 | 2,000.05 | |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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





BARGE "CTC 29142"

1 PORT
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,992.59 | 0 | 1,634.64 | 0 | 1,276.70 | 0 | 920.15 | 0 | 563.37 | 0 | 222.95 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,985.13 | 1/4 | 1,627.19 | 1/4 | 1,269.24 | 1/4 | 912.75 | 1/4 | 555.92 | 1/4 | 216.41 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,977.67 | 1/2 | 1,619.73 | 1/2 | 1,261.78 | 1/2 | 905.35 | 1/2 | 548.47 | 1/2 | 209.87 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,970.22 | 3/4 | 1,612.27 | 3/4 | 1,254.33 | 3/4 | 897.95 | 3/4 | 541.02 | 3/4 | 203.33 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,962.76 | 1 | 1,604.81 | 1 | 1,246.87 | 1 | 890.55 | 1 | 533.56 | 1 | 196.80 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,955.30 | 1/4 | 1,597.36 | 1/4 | 1,239.41 | 1/4 | 883.15 | 1/4 | 526.11 | 1/4 | 190.35 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,947.84 | 1/2 | 1,589.90 | 1/2 | 1,231.95 | 1/2 | 875.76 | 1/2 | 518.65 | 1/2 | 183.89 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,940.39 | 3/4 | 1,582.44 | 3/4 | 1,224.50 | 3/4 | 868.36 | 3/4 | 511.19 | 3/4 | 177.44 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,932.93 | 2 | 1,574.98 | 2 | 1,217.04 | 2 | 860.96 | 2 | 503.74 | 2 | 170.99 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,925.47 | 1/4 | 1,567.53 | 1/4 | 1,209.58 | 1/4 | 853.56 | 1/4 | 496.32 | 1/4 | 164.63 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,918.02 | 1/2 | 1,560.07 | 1/2 | 1,202.12 | 1/2 | 846.16 | 1/2 | 488.91 | 1/2 | 158.27 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,910.56 | 3/4 | 1,552.61 | 3/4 | 1,194.67 | 3/4 | 838.76 | 3/4 | 481.50 | 3/4 | 151.90 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,903.10 | 3 | 1,545.16 | 3 | 1,187.21 | 3 | 831.37 | 3 | 474.08 | 3 | 145.54 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,895.64 | 1/4 | 1,537.70 | 1/4 | 1,179.75 | 1/4 | 823.97 | 1/4 | 466.76 | 1/4 | 139.26 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,888.19 | 1/2 | 1,530.24 | 1/2 | 1,172.30 | 1/2 | 816.57 | 1/2 | 459.43 | 1/2 | 132.99 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,880.73 | 3/4 | 1,522.78 | 3/4 | 1,164.84 | 3/4 | 809.17 | 3/4 | 452.11 | 3/4 | 126.71 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,873.27 | 4 | 1,515.33 | 4 | 1,157.38 | 4 | 801.77 | 4 | 444.78 | 4 | 120.44 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,865.82 | 1/4 | 1,507.87 | 1/4 | 1,149.92 | 1/4 | 794.37 | 1/4 | 437.54 | 1/4 | 114.25 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,858.36 | 1/2 | 1,500.41 | 1/2 | 1,142.47 | 1/2 | 786.96 | 1/2 | 430.30 | 1/2 | 108.06 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,850.90 | 3/4 | 1,492.96 | 3/4 | 1,135.01 | 3/4 | 779.55 | 3/4 | 423.06 | 3/4 | 101.87 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,843.44 | 5 | 1,485.50 | 5 | 1,127.55 | 5 | 772.15 | 5 | 415.83 | 5 | 95.69 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,835.99 | 1/4 | 1,478.04 | 1/4 | 1,120.13 | 1/4 | 764.69 | 1/4 | 408.67 | 1/4 | 89.60 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,828.53 | 1/2 | 1,470.58 | 1/2 | 1,112.70 | 1/2 | 757.23 | 1/2 | 401.52 | 1/2 | 83.51 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,821.07 | 3/4 | 1,463.13 | 3/4 | 1,105.28 | 3/4 | 749.77 | 3/4 | 394.37 | 3/4 | 77.42 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,813.62 | 6 | 1,455.67 | 6 | 1,097.85 | 6 | 742.32 | 6 | 387.22 | 6 | 71.33 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,806.16 | 1/4 | 1,448.21 | 1/4 | 1,090.42 | 1/4 | 734.86 | 1/4 | 380.16 | 1/4 | 65.35 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,798.70 | 1/2 | 1,440.76 | 1/2 | 1,083.00 | 1/2 | 727.40 | 1/2 | 373.09 | 1/2 | 59.37 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,791.24 | 3/4 | 1,433.30 | 3/4 | 1,075.57 | 3/4 | 719.95 | 3/4 | 366.03 | 3/4 | 53.39 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,783.79 | 7 | 1,425.84 | 7 | 1,068.15 | 7 | 712.49 | 7 | 358.97 | 7 | 47.42 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,776.33 | 1/4 | 1,418.38 | 1/4 | 1,060.74 | 1/4 | 705.03 | 1/4 | 351.99 | 1/4 | 42.42 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,768.87 | 1/2 | 1,410.93 | 1/2 | 1,053.33 | 1/2 | 697.58 | 1/2 | 345.02 | 1/2 | 37.43 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,761.41 | 3/4 | 1,403.47 | 3/4 | 1,045.93 | 3/4 | 690.12 | 3/4 | 338.04 | 3/4 | 32.44 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,753.96 | 8 | 1,396.01 | 8 | 1,038.52 | 8 | 682.66 | 8 | 331.06 | 8 | 27.45 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,746.50 | 1/4 | 1,388.55 | 1/4 | 1,031.12 | 1/4 | 675.20 | 1/4 | 324.18 | 1/4 | 24.40 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,739.04 | 1/2 | 1,381.10 | 1/2 | 1,023.72 | 1/2 | 667.75 | 1/2 | 317.29 | 1/2 | 21.36 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,731.59 | 3/4 | 1,373.64 | 3/4 | 1,016.32 | 3/4 | 660.29 | 3/4 | 310.40 | 3/4 | 18.32 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,724.13 | 9 | 1,366.18 | 9 | 1,008.93 | 9 | 652.83 | 9 | 303.51 | 9 | 15.28 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,716.67 | 1/4 | 1,358.73 | 1/4 | 1,001.53 | 1/4 | 645.38 | 1/4 | 296.71 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,709.21 | 1/2 | 1,351.27 | 1/2 | 994.13 | 1/2 | 637.92 | 1/2 | 289.91 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,701.76 | 3/4 | 1,343.81 | 3/4 | 986.73 | 3/4 | 630.46 | 3/4 | 283.11 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,694.30 | 10 | 1,336.35 | 10 | 979.33 | 10 | 623.01 | 10 | 276.31 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,686.84 | 1/4 | 1,328.90 | 1/4 | 971.93 | 1/4 | 615.55 | 1/4 | 269.59 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,679.39 | 1/2 | 1,321.44 | 1/2 | 964.54 | 1/2 | 608.09 | 1/2 | 262.88 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,671.93 | 3/4 | 1,313.98 | 3/4 | 957.14 | 3/4 | 600.63 | 3/4 | 256.17 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,664.47 | 11 | 1,306.53 | 11 | 949.74 | 11 | 593.18 | 11 | 249.45 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,657.01 | 1/4 | 1,299.07 | 1/4 | 942.34 | 1/4 | 585.73 | 1/4 | 242.83 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,649.56 | 1/2 | 1,291.61 | 1/2 | 934.94 | 1/2 | 578.27 | 1/2 | 236.20 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,642.10 | 3/4 | 1,284.15 | 3/4 | 927.54 | 3/4 | 570.82 | 3/4 | 229.58 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

1 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 4,851.78 | 0 | 4,496.04 | 0 | 4,139.42 | 0 | 3,782.19 | 0 | 3,424.51 | 0 | 3,066.84 | 0 | 2,709.17 | 0 | 2,351.43 |
| 1/4 | | 1/4 | | 1/4 | 4,844.42 | 1/4 | 4,488.61 | 1/4 | 4,131.99 | 1/4 | 3,774.73 | 1/4 | 3,417.06 | 1/4 | 3,059.39 | 1/4 | 2,701.72 | 1/4 | 2,343.98 |
| 1/2 | | 1/2 | | 1/2 | 4,837.07 | 1/2 | 4,481.18 | 1/2 | 4,124.56 | 1/2 | 3,767.28 | 1/2 | 3,409.61 | 1/2 | 3,051.94 | 1/2 | 2,694.27 | 1/2 | 2,336.53 |
| 3/4 | | 3/4 | | 3/4 | 4,829.71 | 3/4 | 4,473.75 | 3/4 | 4,117.13 | 3/4 | 3,759.83 | 3/4 | 3,402.16 | 3/4 | 3,044.49 | 3/4 | 2,686.82 | 3/4 | 2,329.07 |
| 1 | 1 | 1 | 1 | 1 | 4,822.36 | 1 | 4,466.32 | 1 | 4,109.70 | 1 | 3,752.38 | 1 | 3,394.71 | 1 | 3,037.04 | 1 | 2,679.36 | 1 | 2,321.62 |
| 1/4 | | 1/4 | | 1/4 | 4,815.00 | 1/4 | 4,458.89 | 1/4 | 4,102.27 | 1/4 | 3,744.93 | 1/4 | 3,387.26 | 1/4 | 3,029.58 | 1/4 | 2,671.91 | 1/4 | 2,314.17 |
| 1/2 | | 1/2 | | 1/2 | 4,807.64 | 1/2 | 4,451.46 | 1/2 | 4,094.84 | 1/2 | 3,737.48 | 1/2 | 3,379.80 | 1/2 | 3,022.13 | 1/2 | 2,664.46 | 1/2 | 2,306.71 |
| 3/4 | | 3/4 | | 3/4 | 4,800.29 | 3/4 | 4,444.03 | 3/4 | 4,087.41 | 3/4 | 3,730.03 | 3/4 | 3,372.35 | 3/4 | 3,014.68 | 3/4 | 2,657.01 | 3/4 | 2,299.26 |
| 2 | 2 | 2 | 2 | 2 | 4,792.93 | 2 | 4,436.60 | 2 | 4,079.98 | 2 | 3,722.57 | 2 | 3,364.90 | 2 | 3,007.23 | 2 | 2,649.56 | 2 | 2,291.81 |
| 1/4 | | 1/4 | | 1/4 | 4,785.58 | 1/4 | 4,429.17 | 1/4 | 4,072.55 | 1/4 | 3,715.12 | 1/4 | 3,357.45 | 1/4 | 2,999.78 | 1/4 | 2,642.11 | 1/4 | 2,284.35 |
| 1/2 | | 1/2 | | 1/2 | 4,778.22 | 1/2 | 4,421.74 | 1/2 | 4,065.12 | 1/2 | 3,707.67 | 1/2 | 3,350.00 | 1/2 | 2,992.33 | 1/2 | 2,634.65 | 1/2 | 2,276.90 |
| 3/4 | | 3/4 | | 3/4 | 4,770.86 | 3/4 | 4,414.32 | 3/4 | 4,057.69 | 3/4 | 3,700.22 | 3/4 | 3,342.55 | 3/4 | 2,984.88 | 3/4 | 2,627.20 | 3/4 | 2,269.45 |
| 3 | 3 | 3 | 3 | 3 | 4,763.51 | 3 | 4,406.89 | 3 | 4,050.26 | 3 | 3,692.77 | 3 | 3,335.10 | 3 | 2,977.42 | 3 | 2,619.75 | 3 | 2,261.99 |
| 1/4 | | 1/4 | | 1/4 | 4,756.08 | 1/4 | 4,399.46 | 1/4 | 4,042.84 | 1/4 | 3,685.32 | 1/4 | 3,327.64 | 1/4 | 2,969.97 | 1/4 | 2,612.30 | 1/4 | 2,254.54 |
| 1/2 | | 1/2 | | 1/2 | 4,748.65 | 1/2 | 4,392.03 | 1/2 | 4,035.41 | 1/2 | 3,677.86 | 1/2 | 3,320.19 | 1/2 | 2,962.52 | 1/2 | 2,604.85 | 1/2 | 2,247.08 |
| 3/4 | | 3/4 | | 3/4 | 4,741.22 | 3/4 | 4,384.60 | 3/4 | 4,027.98 | 3/4 | 3,670.41 | 3/4 | 3,312.74 | 3/4 | 2,955.07 | 3/4 | 2,597.40 | 3/4 | 2,239.63 |
| 4 | 4 | 4 | 4 | 4 | 4,733.79 | 4 | 4,377.17 | 4 | 4,020.55 | 4 | 3,662.96 | 4 | 3,305.29 | 4 | 2,947.62 | 4 | 2,589.95 | 4 | 2,232.18 |
| 1/4 | | 1/4 | | 1/4 | 4,726.36 | 1/4 | 4,369.74 | 1/4 | 4,013.12 | 1/4 | 3,655.51 | 1/4 | 3,297.84 | 1/4 | 2,940.17 | 1/4 | 2,582.49 | 1/4 | 2,224.72 |
| 1/2 | | 1/2 | | 1/2 | 4,718.93 | 1/2 | 4,362.31 | 1/2 | 4,005.69 | 1/2 | 3,648.06 | 1/2 | 3,290.39 | 1/2 | 2,932.71 | 1/2 | 2,575.04 | 1/2 | 2,217.27 |
| 3/4 | | 3/4 | | 3/4 | 4,711.50 | 3/4 | 4,354.88 | 3/4 | 3,998.26 | 3/4 | 3,640.61 | 3/4 | 3,282.94 | 3/4 | 2,925.26 | 3/4 | 2,567.59 | 3/4 | 2,209.82 |
| 5 | 5 | 5 | 5 | 5 | 4,704.07 | 5 | 4,347.45 | 5 | 3,990.83 | 5 | 3,633.16 | 5 | 3,275.48 | 5 | 2,917.81 | 5 | 2,560.13 | 5 | 2,202.36 |
| 1/4 | | 1/4 | | 1/4 | 4,696.64 | 1/4 | 4,340.02 | 1/4 | 3,983.38 | 1/4 | 3,625.70 | 1/4 | 3,268.03 | 1/4 | 2,910.36 | 1/4 | 2,552.68 | 1/4 | 2,194.91 |
| 1/2 | | 1/2 | | 1/2 | 4,689.21 | 1/2 | 4,332.59 | 1/2 | 3,975.92 | 1/2 | 3,618.25 | 1/2 | 3,260.58 | 1/2 | 2,902.91 | 1/2 | 2,545.22 | 1/2 | 2,187.46 |
| 3/4 | | 3/4 | | 3/4 | 4,681.78 | 3/4 | 4,325.16 | 3/4 | 3,968.47 | 3/4 | 3,610.80 | 3/4 | 3,253.13 | 3/4 | 2,895.46 | 3/4 | 2,537.77 | 3/4 | 2,180.00 |
| 6 | 6 | 6 | 6 | 6 | 5,015.59 | 6 | 4,674.35 | 6 | 4,317.73 | 6 | 3,961.02 | 6 | 3,603.35 | 6 | 3,245.68 | 6 | 2,888.01 | 6 | 2,530.32 |
| 1/4 | | 1/4 | | 1/4 | 5,010.41 | 1/4 | 4,666.92 | 1/4 | 4,310.30 | 1/4 | 3,953.57 | 1/4 | 3,595.90 | 1/4 | 3,238.23 | 1/4 | 2,880.55 | 1/4 | 2,522.86 |
| 1/2 | | 1/2 | | 1/2 | 5,005.23 | 1/2 | 4,659.49 | 1/2 | 4,302.87 | 1/2 | 3,946.12 | 1/2 | 3,588.45 | 1/2 | 3,230.77 | 1/2 | 2,873.10 | 1/2 | 2,515.41 |
| 3/4 | | 3/4 | | 3/4 | 5,000.04 | 3/4 | 4,652.06 | 3/4 | 4,295.44 | 3/4 | 3,938.67 | 3/4 | 3,581.00 | 3/4 | 3,223.32 | 3/4 | 2,865.65 | 3/4 | 2,507.96 |
| 7 | 7 | 7 | 7 | 7 | 4,994.86 | 7 | 4,644.63 | 7 | 4,288.01 | 7 | 3,931.22 | 7 | 3,573.54 | 7 | 3,215.87 | 7 | 2,858.20 | 7 | 2,500.50 |
| 1/4 | | 1/4 | | 1/4 | 4,988.43 | 1/4 | 4,637.20 | 1/4 | 4,280.58 | 1/4 | 3,923.76 | 1/4 | 3,566.09 | 1/4 | 3,208.42 | 1/4 | 2,850.75 | 1/4 | 2,493.05 |
| 1/2 | | 1/2 | | 1/2 | 4,982.01 | 1/2 | 4,629.77 | 1/2 | 4,273.15 | 1/2 | 3,916.31 | 1/2 | 3,558.64 | 1/2 | 3,200.97 | 1/2 | 2,843.30 | 1/2 | 2,485.60 |
| 3/4 | | 3/4 | | 3/4 | 4,975.58 | 3/4 | 4,622.34 | 3/4 | 4,265.72 | 3/4 | 3,908.86 | 3/4 | 3,551.19 | 3/4 | 3,193.52 | 3/4 | 2,835.85 | 3/4 | 2,478.14 |
| 8 | 8 | 8 | 8 | 8 | 4,969.15 | 8 | 4,614.91 | 8 | 4,258.29 | 8 | 3,901.41 | 8 | 3,543.74 | 8 | 3,186.07 | 8 | 2,828.39 | 8 | 2,470.69 |
| 1/4 | | 1/4 | | 1/4 | 4,961.87 | 1/4 | 4,607.48 | 1/4 | 4,250.86 | 1/4 | 3,893.96 | 1/4 | 3,536.29 | 1/4 | 3,178.61 | 1/4 | 2,820.94 | 1/4 | 2,463.24 |
| 1/2 | | 1/2 | | 1/2 | 4,954.58 | 1/2 | 4,600.06 | 1/2 | 4,243.43 | 1/2 | 3,886.51 | 1/2 | 3,528.83 | 1/2 | 3,171.16 | 1/2 | 2,813.49 | 1/2 | 2,455.78 |
| 3/4 | | 3/4 | | 3/4 | 4,947.29 | 3/4 | 4,592.63 | 3/4 | 4,236.00 | 3/4 | 3,879.06 | 3/4 | 3,521.38 | 3/4 | 3,163.71 | 3/4 | 2,806.04 | 3/4 | 2,448.33 |
| 9 | 9 | 9 | 9 | 9 | 4,940.00 | 9 | 4,585.20 | 9 | 4,228.58 | 9 | 3,871.60 | 9 | 3,513.93 | 9 | 3,156.26 | 9 | 2,798.59 | 9 | 2,440.88 |
| 1/4 | | 1/4 | | 1/4 | 4,932.66 | 1/4 | 4,577.77 | 1/4 | 4,221.15 | 1/4 | 3,864.15 | 1/4 | 3,506.48 | 1/4 | 3,148.81 | 1/4 | 2,791.14 | 1/4 | 2,433.42 |
| 1/2 | | 1/2 | | 1/2 | 4,925.32 | 1/2 | 4,570.34 | 1/2 | 4,213.72 | 1/2 | 3,856.70 | 1/2 | 3,499.03 | 1/2 | 3,141.36 | 1/2 | 2,783.68 | 1/2 | 2,425.97 |
| 3/4 | | 3/4 | | 3/4 | 4,917.97 | 3/4 | 4,562.91 | 3/4 | 4,206.29 | 3/4 | 3,849.25 | 3/4 | 3,491.58 | 3/4 | 3,133.91 | 3/4 | 2,776.23 | 3/4 | 2,418.52 |
| 10 | 10 | 10 | 10 | 10 | 4,910.63 | 10 | 4,555.48 | 10 | 4,198.86 | 10 | 3,841.80 | 10 | 3,484.13 | 10 | 3,126.45 | 10 | 2,768.78 | 10 | 2,411.06 |
| 1/4 | | 1/4 | | 1/4 | 4,903.27 | 1/4 | 4,548.05 | 1/4 | 4,191.43 | 1/4 | 3,834.35 | 1/4 | 3,476.67 | 1/4 | 3,119.00 | 1/4 | 2,761.33 | 1/4 | 2,403.61 |
| 1/2 | | 1/2 | | 1/2 | 4,895.92 | 1/2 | 4,540.62 | 1/2 | 4,184.00 | 1/2 | 3,826.89 | 1/2 | 3,469.22 | 1/2 | 3,111.55 | 1/2 | 2,753.88 | 1/2 | 2,396.15 |
| 3/4 | | 3/4 | | 3/4 | 4,888.57 | 3/4 | 4,533.19 | 3/4 | 4,176.57 | 3/4 | 3,819.44 | 3/4 | 3,461.77 | 3/4 | 3,104.10 | 3/4 | 2,746.43 | 3/4 | 2,388.70 |
| 11 | 11 | 11 | 11 | 11 | 4,881.21 | 11 | 4,525.76 | 11 | 4,169.14 | 11 | 3,811.99 | 11 | 3,454.32 | 11 | 3,096.65 | 11 | 2,738.98 | 11 | 2,381.25 |
| 1/4 | | 1/4 | | 1/4 | 4,873.85 | 1/4 | 4,518.33 | 1/4 | 4,161.71 | 1/4 | 3,804.54 | 1/4 | 3,446.87 | 1/4 | 3,089.20 | 1/4 | 2,731.52 | 1/4 | 2,373.79 |
| 1/2 | | 1/2 | | 1/2 | 4,866.50 | 1/2 | 4,510.90 | 1/2 | 4,154.28 | 1/2 | 3,797.09 | 1/2 | 3,439.42 | 1/2 | 3,081.74 | 1/2 | 2,724.07 | 1/2 | 2,366.34 |
| 3/4 | | 3/4 | | 3/4 | 4,859.14 | 3/4 | 4,503.47 | 3/4 | 4,146.85 | 3/4 | 3,789.64 | 3/4 | 3,431.97 | 3/4 | 3,074.29 | 3/4 | 2,716.62 | 3/4 | 2,358.89 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

1 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,993.67 | 0 | 1,635.90 | 0 | 1,278.13 | 0 | 920.63 | 0 | 563.09 | 0 | 222.82 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,986.21 | 1/4 | 1,628.44 | 1/4 | 1,270.68 | 1/4 | 913.19 | 1/4 | 555.64 | 1/4 | 216.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,978.76 | 1/2 | 1,620.99 | 1/2 | 1,263.22 | 1/2 | 905.75 | 1/2 | 548.18 | 1/2 | 209.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,971.31 | 3/4 | 1,613.54 | 3/4 | 1,255.77 | 3/4 | 898.31 | 3/4 | 540.73 | 3/4 | 203.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,963.85 | 1 | 1,606.08 | 1 | 1,248.32 | 1 | 890.87 | 1 | 533.28 | 1 | 196.68 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,956.40 | 1/4 | 1,598.63 | 1/4 | 1,240.86 | 1/4 | 883.44 | 1/4 | 525.82 | 1/4 | 190.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,948.94 | 1/2 | 1,591.18 | 1/2 | 1,233.41 | 1/2 | 876.00 | 1/2 | 518.37 | 1/2 | 183.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,941.49 | 3/4 | 1,583.72 | 3/4 | 1,225.96 | 3/4 | 868.56 | 3/4 | 510.92 | 3/4 | 177.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,934.04 | 2 | 1,576.27 | 2 | 1,218.50 | 2 | 861.12 | 2 | 503.46 | 2 | 170.89 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,926.58 | 1/4 | 1,568.82 | 1/4 | 1,211.05 | 1/4 | 853.68 | 1/4 | 496.05 | 1/4 | 164.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,919.13 | 1/2 | 1,561.36 | 1/2 | 1,203.59 | 1/2 | 846.24 | 1/2 | 488.64 | 1/2 | 158.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,911.68 | 3/4 | 1,553.91 | 3/4 | 1,196.14 | 3/4 | 838.80 | 3/4 | 481.23 | 3/4 | 151.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,904.22 | 3 | 1,546.46 | 3 | 1,188.69 | 3 | 831.36 | 3 | 473.82 | 3 | 145.45 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,896.77 | 1/4 | 1,539.00 | 1/4 | 1,181.23 | 1/4 | 823.92 | 1/4 | 466.50 | 1/4 | 139.18 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,889.32 | 1/2 | 1,531.55 | 1/2 | 1,173.78 | 1/2 | 816.48 | 1/2 | 459.18 | 1/2 | 132.91 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,881.86 | 3/4 | 1,524.10 | 3/4 | 1,166.33 | 3/4 | 809.04 | 3/4 | 451.86 | 3/4 | 126.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,874.41 | 4 | 1,516.64 | 4 | 1,158.87 | 4 | 801.60 | 4 | 444.53 | 4 | 120.36 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,866.96 | 1/4 | 1,509.19 | 1/4 | 1,151.42 | 1/4 | 794.15 | 1/4 | 437.30 | 1/4 | 114.18 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,859.50 | 1/2 | 1,501.73 | 1/2 | 1,143.97 | 1/2 | 786.69 | 1/2 | 430.06 | 1/2 | 108.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,852.05 | 3/4 | 1,494.28 | 3/4 | 1,136.51 | 3/4 | 779.24 | 3/4 | 422.83 | 3/4 | 101.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,844.60 | 5 | 1,486.83 | 5 | 1,129.06 | 5 | 771.79 | 5 | 415.59 | 5 | 95.63 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,837.14 | 1/4 | 1,479.37 | 1/4 | 1,121.61 | 1/4 | 764.33 | 1/4 | 408.45 | 1/4 | 89.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,829.69 | 1/2 | 1,471.92 | 1/2 | 1,114.15 | 1/2 | 756.88 | 1/2 | 401.30 | 1/2 | 83.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,822.24 | 3/4 | 1,464.47 | 3/4 | 1,106.70 | 3/4 | 749.43 | 3/4 | 394.15 | 3/4 | 77.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,814.78 | 6 | 1,457.01 | 6 | 1,099.25 | 6 | 741.97 | 6 | 387.01 | 6 | 71.28 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,807.33 | 1/4 | 1,449.56 | 1/4 | 1,091.80 | 1/4 | 734.52 | 1/4 | 379.95 | 1/4 | 65.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,799.87 | 1/2 | 1,442.11 | 1/2 | 1,084.35 | 1/2 | 727.07 | 1/2 | 372.89 | 1/2 | 59.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,792.42 | 3/4 | 1,434.65 | 3/4 | 1,076.90 | 3/4 | 719.61 | 3/4 | 365.83 | 3/4 | 53.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,784.97 | 7 | 1,427.20 | 7 | 1,069.45 | 7 | 712.16 | 7 | 358.77 | 7 | 47.39 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,777.51 | 1/4 | 1,419.75 | 1/4 | 1,062.01 | 1/4 | 704.71 | 1/4 | 351.79 | 1/4 | 42.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,770.06 | 1/2 | 1,412.29 | 1/2 | 1,054.56 | 1/2 | 697.25 | 1/2 | 344.82 | 1/2 | 37.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,762.61 | 3/4 | 1,404.84 | 3/4 | 1,047.11 | 3/4 | 689.80 | 3/4 | 337.85 | 3/4 | 32.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,755.15 | 8 | 1,397.39 | 8 | 1,039.66 | 8 | 682.35 | 8 | 330.88 | 8 | 27.43 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,747.70 | 1/4 | 1,389.93 | 1/4 | 1,032.22 | 1/4 | 674.89 | 1/4 | 323.99 | 1/4 | 24.39 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,740.25 | 1/2 | 1,382.48 | 1/2 | 1,024.78 | 1/2 | 667.44 | 1/2 | 317.11 | 1/2 | 21.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,732.79 | 3/4 | 1,375.03 | 3/4 | 1,017.34 | 3/4 | 659.99 | 3/4 | 310.22 | 3/4 | 18.31 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,725.34 | 9 | 1,367.57 | 9 | 1,009.91 | 9 | 652.53 | 9 | 303.34 | 9 | 15.27 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,717.89 | 1/4 | 1,360.12 | 1/4 | 1,002.47 | 1/4 | 645.08 | 1/4 | 296.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,710.43 | 1/2 | 1,352.66 | 1/2 | 995.03 | 1/2 | 637.62 | 1/2 | 289.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,702.98 | 3/4 | 1,345.21 | 3/4 | 987.59 | 3/4 | 630.17 | 3/4 | 282.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,695.53 | 10 | 1,337.76 | 10 | 980.15 | 10 | 622.72 | 10 | 276.15 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,688.07 | 1/4 | 1,330.30 | 1/4 | 972.71 | 1/4 | 615.26 | 1/4 | 269.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,680.62 | 1/2 | 1,322.85 | 1/2 | 965.27 | 1/2 | 607.81 | 1/2 | 262.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,673.17 | 3/4 | 1,315.40 | 3/4 | 957.83 | 3/4 | 600.36 | 3/4 | 256.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,665.71 | 11 | 1,307.94 | 11 | 950.39 | 11 | 592.90 | 11 | 249.31 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,658.26 | 1/4 | 1,300.49 | 1/4 | 942.95 | 1/4 | 585.45 | 1/4 | 242.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,650.80 | 1/2 | 1,293.04 | 1/2 | 935.51 | 1/2 | 578.00 | 1/2 | 236.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,643.35 | 3/4 | 1,285.58 | 3/4 | 928.07 | 3/4 | 570.54 | 3/4 | 229.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 4,916.06 | 0 | 4,559.08 | 0 | 4,201.33 | 0 | 3,842.95 | 0 | 3,484.14 | 0 | 3,125.32 | 0 | 2,766.51 | 0 | 2,407.69 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,908.67 | 1/4 | 4,551.63 | 1/4 | 4,193.87 | 1/4 | 3,835.48 | 1/4 | 3,476.66 | 1/4 | 3,117.85 | 1/4 | 2,759.03 | 1/4 | 2,400.22 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,901.28 | 1/2 | 4,544.18 | 1/2 | 4,186.42 | 1/2 | 3,828.00 | 1/2 | 3,469.19 | 1/2 | 3,110.37 | 1/2 | 2,751.56 | 1/2 | 2,392.74 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,893.89 | 3/4 | 4,536.72 | 3/4 | 4,178.97 | 3/4 | 3,820.53 | 3/4 | 3,461.71 | 3/4 | 3,102.90 | 3/4 | 2,744.08 | 3/4 | 2,385.27 |
| 1 | 1 | 1 | 1 | 1 | 4,886.51 | 1 | 4,529.27 | 1 | 4,171.51 | 1 | 3,813.05 | 1 | 3,454.24 | 1 | 3,095.42 | 1 | 2,736.61 | 1 | 2,377.79 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,879.12 | 1/4 | 4,521.82 | 1/4 | 4,164.06 | 1/4 | 3,805.58 | 1/4 | 3,446.76 | 1/4 | 3,087.95 | 1/4 | 2,729.13 | 1/4 | 2,370.32 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,871.73 | 1/2 | 4,514.36 | 1/2 | 4,156.61 | 1/2 | 3,798.10 | 1/2 | 3,439.29 | 1/2 | 3,080.47 | 1/2 | 2,721.66 | 1/2 | 2,362.84 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,864.34 | 3/4 | 4,506.91 | 3/4 | 4,149.15 | 3/4 | 3,790.62 | 3/4 | 3,431.81 | 3/4 | 3,073.00 | 3/4 | 2,714.18 | 3/4 | 2,355.37 |
| 2 | 2 | 2 | 2 | 2 | 4,856.95 | 2 | 4,499.46 | 2 | 4,141.70 | 2 | 3,783.15 | 2 | 3,424.33 | 2 | 3,065.52 | 2 | 2,706.71 | 2 | 2,347.89 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,849.57 | 1/4 | 4,492.00 | 1/4 | 4,134.25 | 1/4 | 3,775.67 | 1/4 | 3,416.86 | 1/4 | 3,058.05 | 1/4 | 2,699.23 | 1/4 | 2,340.42 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,842.18 | 1/2 | 4,484.55 | 1/2 | 4,126.79 | 1/2 | 3,768.20 | 1/2 | 3,409.38 | 1/2 | 3,050.57 | 1/2 | 2,691.76 | 1/2 | 2,332.94 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,834.79 | 3/4 | 4,477.10 | 3/4 | 4,119.34 | 3/4 | 3,760.72 | 3/4 | 3,401.91 | 3/4 | 3,043.09 | 3/4 | 2,684.28 | 3/4 | 2,325.47 |
| 3 | 3 | 3 | 3 | 3 | 4,827.40 | 3 | 4,469.64 | 3 | 4,111.89 | 3 | 3,753.25 | 3 | 3,394.43 | 3 | 3,035.62 | 3 | 2,676.80 | 3 | 2,317.99 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,819.95 | 1/4 | 4,462.19 | 1/4 | 4,104.43 | 1/4 | 3,745.77 | 1/4 | 3,386.96 | 1/4 | 3,028.14 | 1/4 | 2,669.33 | 1/4 | 2,310.52 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,812.50 | 1/2 | 4,454.74 | 1/2 | 4,096.98 | 1/2 | 3,738.30 | 1/2 | 3,379.48 | 1/2 | 3,020.67 | 1/2 | 2,661.85 | 1/2 | 2,303.04 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,805.04 | 3/4 | 4,447.28 | 3/4 | 4,089.53 | 3/4 | 3,730.82 | 3/4 | 3,372.01 | 3/4 | 3,013.19 | 3/4 | 2,654.38 | 3/4 | 2,295.56 |
| 4 | 4 | 4 | 4 | 4 | 4,797.59 | 4 | 4,439.83 | 4 | 4,082.07 | 4 | 3,723.35 | 4 | 3,364.53 | 4 | 3,005.72 | 4 | 2,646.90 | 4 | 2,288.09 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,790.14 | 1/4 | 4,432.38 | 1/4 | 4,074.62 | 1/4 | 3,715.87 | 1/4 | 3,357.06 | 1/4 | 2,998.24 | 1/4 | 2,639.43 | 1/4 | 2,280.61 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,782.68 | 1/2 | 4,424.92 | 1/2 | 4,067.17 | 1/2 | 3,708.40 | 1/2 | 3,349.58 | 1/2 | 2,990.77 | 1/2 | 2,631.95 | 1/2 | 2,273.14 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,775.23 | 3/4 | 4,417.47 | 3/4 | 4,059.71 | 3/4 | 3,700.92 | 3/4 | 3,342.11 | 3/4 | 2,983.29 | 3/4 | 2,624.48 | 3/4 | 2,265.66 |
| 5 | 5 | 5 | 5 | 5 | 4,767.78 | 5 | 4,410.02 | 5 | 4,052.26 | 5 | 3,693.45 | 5 | 3,334.63 | 5 | 2,975.82 | 5 | 2,617.00 | 5 | 2,258.19 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,760.32 | 1/4 | 4,402.57 | 1/4 | 4,044.78 | 1/4 | 3,685.97 | 1/4 | 3,327.16 | 1/4 | 2,968.34 | 1/4 | 2,609.53 | 1/4 | 2,250.71 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,752.87 | 1/2 | 4,395.11 | 1/2 | 4,037.31 | 1/2 | 3,678.49 | 1/2 | 3,319.68 | 1/2 | 2,960.87 | 1/2 | 2,602.05 | 1/2 | 2,243.24 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,745.42 | 3/4 | 4,387.66 | 3/4 | 4,029.83 | 3/4 | 3,671.02 | 3/4 | 3,312.21 | 3/4 | 2,953.39 | 3/4 | 2,594.58 | 3/4 | 2,235.76 |
| 6 | 6 | 6 | 6 | 6 | 5,080.54 | 6 | 4,737.96 | 6 | 4,380.21 | 6 | 4,022.36 | 6 | 3,663.54 | 6 | 3,304.73 | 6 | 2,945.92 | 6 | 2,587.10 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,075.33 | 1/4 | 4,730.51 | 1/4 | 4,372.75 | 1/4 | 4,014.88 | 1/4 | 3,656.07 | 1/4 | 3,297.25 | 1/4 | 2,938.44 | 1/4 | 2,579.63 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,070.12 | 1/2 | 4,723.06 | 1/2 | 4,365.30 | 1/2 | 4,007.41 | 1/2 | 3,648.59 | 1/2 | 3,289.78 | 1/2 | 2,930.96 | 1/2 | 2,572.15 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,064.92 | 3/4 | 4,715.60 | 3/4 | 4,357.85 | 3/4 | 3,999.93 | 3/4 | 3,641.12 | 3/4 | 3,282.30 | 3/4 | 2,923.49 | 3/4 | 2,564.68 |
| 7 | 7 | 7 | 7 | 7 | 5,059.71 | 7 | 4,708.15 | 7 | 4,350.39 | 7 | 3,992.46 | 7 | 3,633.64 | 7 | 3,274.83 | 7 | 2,916.01 | 7 | 2,557.20 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,053.26 | 1/4 | 4,700.70 | 1/4 | 4,342.94 | 1/4 | 3,984.98 | 1/4 | 3,626.17 | 1/4 | 3,267.35 | 1/4 | 2,908.54 | 1/4 | 2,549.72 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,046.80 | 1/2 | 4,693.24 | 1/2 | 4,335.49 | 1/2 | 3,977.51 | 1/2 | 3,618.69 | 1/2 | 3,259.88 | 1/2 | 2,901.06 | 1/2 | 2,542.25 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,040.35 | 3/4 | 4,685.79 | 3/4 | 4,328.03 | 3/4 | 3,970.03 | 3/4 | 3,611.22 | 3/4 | 3,252.40 | 3/4 | 2,893.59 | 3/4 | 2,534.77 |
| 8 | 8 | 8 | 8 | 8 | 5,033.90 | 8 | 4,678.34 | 8 | 4,320.58 | 8 | 3,962.56 | 8 | 3,603.74 | 8 | 3,244.93 | 8 | 2,886.11 | 8 | 2,527.30 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,026.58 | 1/4 | 4,670.88 | 1/4 | 4,313.13 | 1/4 | 3,955.08 | 1/4 | 3,596.27 | 1/4 | 3,237.45 | 1/4 | 2,878.64 | 1/4 | 2,519.82 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,019.27 | 1/2 | 4,663.43 | 1/2 | 4,305.67 | 1/2 | 3,947.61 | 1/2 | 3,588.79 | 1/2 | 3,229.98 | 1/2 | 2,871.16 | 1/2 | 2,512.35 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,011.95 | 3/4 | 4,655.98 | 3/4 | 4,298.22 | 3/4 | 3,940.13 | 3/4 | 3,581.32 | 3/4 | 3,222.50 | 3/4 | 2,863.69 | 3/4 | 2,504.87 |
| 9 | 9 | 9 | 9 | 9 | 5,004.63 | 9 | 4,648.52 | 9 | 4,290.77 | 9 | 3,932.66 | 9 | 3,573.84 | 9 | 3,215.03 | 9 | 2,856.21 | 9 | 2,497.40 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,997.26 | 1/4 | 4,641.07 | 1/4 | 4,283.31 | 1/4 | 3,925.18 | 1/4 | 3,566.37 | 1/4 | 3,207.55 | 1/4 | 2,848.74 | 1/4 | 2,489.92 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,989.89 | 1/2 | 4,633.62 | 1/2 | 4,275.86 | 1/2 | 3,917.70 | 1/2 | 3,558.89 | 1/2 | 3,200.08 | 1/2 | 2,841.26 | 1/2 | 2,482.45 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,982.51 | 3/4 | 4,626.16 | 3/4 | 4,268.41 | 3/4 | 3,910.23 | 3/4 | 3,551.41 | 3/4 | 3,192.60 | 3/4 | 2,833.79 | 3/4 | 2,474.97 |
| 10 | 10 | 10 | 10 | 10 | 4,975.14 | 10 | 4,618.71 | 10 | 4,260.95 | 10 | 3,902.75 | 10 | 3,543.94 | 10 | 3,185.13 | 10 | 2,826.31 | 10 | 2,467.50 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,967.76 | 1/4 | 4,611.26 | 1/4 | 4,253.50 | 1/4 | 3,895.28 | 1/4 | 3,536.46 | 1/4 | 3,177.65 | 1/4 | 2,818.84 | 1/4 | 2,460.02 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,960.37 | 1/2 | 4,603.80 | 1/2 | 4,246.05 | 1/2 | 3,887.80 | 1/2 | 3,528.99 | 1/2 | 3,170.17 | 1/2 | 2,811.36 | 1/2 | 2,452.55 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,952.99 | 3/4 | 4,596.35 | 3/4 | 4,238.59 | 3/4 | 3,880.33 | 3/4 | 3,521.51 | 3/4 | 3,162.70 | 3/4 | 2,803.88 | 3/4 | 2,445.07 |
| 11 | 11 | 11 | 11 | 11 | 4,945.61 | 11 | 4,588.90 | 11 | 4,231.14 | 11 | 3,872.85 | 11 | 3,514.04 | 11 | 3,155.22 | 11 | 2,796.41 | 11 | 2,437.60 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,938.22 | 1/4 | 4,581.44 | 1/4 | 4,223.69 | 1/4 | 3,865.38 | 1/4 | 3,506.56 | 1/4 | 3,147.75 | 1/4 | 2,788.93 | 1/4 | 2,430.12 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,930.83 | 1/2 | 4,573.99 | 1/2 | 4,216.23 | 1/2 | 3,857.90 | 1/2 | 3,499.09 | 1/2 | 3,140.27 | 1/2 | 2,781.46 | 1/2 | 2,422.64 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,923.44 | 3/4 | 4,566.54 | 3/4 | 4,208.78 | 3/4 | 3,850.43 | 3/4 | 3,491.61 | 3/4 | 3,132.80 | 3/4 | 2,773.98 | 3/4 | 2,415.17 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-09"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,048.88 | 0 | 1,690.07 | 0 | 1,331.25 | 0 | 980.86 | 0 | 628.09 | 0 | 269.28 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,041.40 | 1/4 | 1,682.59 | 1/4 | 1,323.78 | 1/4 | 973.69 | 1/4 | 620.61 | 1/4 | 261.80 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,033.93 | 1/2 | 1,675.11 | 1/2 | 1,316.30 | 1/2 | 966.52 | 1/2 | 613.14 | 1/2 | 254.32 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,026.45 | 3/4 | 1,667.64 | 3/4 | 1,308.82 | 3/4 | 959.36 | 3/4 | 605.66 | 3/4 | 246.85 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 2,018.98 | 1 | 1,660.16 | 1 | 1,301.35 | 1 | 952.19 | 1 | 598.19 | 1 | 239.37 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 2,011.50 | 1/4 | 1,652.69 | 1/4 | 1,293.87 | 1/4 | 945.02 | 1/4 | 590.71 | 1/4 | 231.90 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,004.03 | 1/2 | 1,645.21 | 1/2 | 1,286.40 | 1/2 | 937.85 | 1/2 | 583.24 | 1/2 | 224.42 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,996.55 | 3/4 | 1,637.74 | 3/4 | 1,278.92 | 3/4 | 930.68 | 3/4 | 575.76 | 3/4 | 216.95 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,989.08 | 2 | 1,630.26 | 2 | 1,271.45 | 2 | 923.51 | 2 | 568.29 | 2 | 209.47 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,981.60 | 1/4 | 1,622.79 | 1/4 | 1,263.97 | 1/4 | 916.35 | 1/4 | 560.81 | 1/4 | 202.00 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,974.13 | 1/2 | 1,615.31 | 1/2 | 1,256.50 | 1/2 | 909.18 | 1/2 | 553.34 | 1/2 | 194.52 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,966.65 | 3/4 | 1,607.84 | 3/4 | 1,249.02 | 3/4 | 902.01 | 3/4 | 545.86 | 3/4 | 187.05 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,959.18 | 3 | 1,600.36 | 3 | 1,241.55 | 3 | 894.84 | 3 | 538.39 | 3 | 179.57 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,951.70 | 1/4 | 1,592.89 | 1/4 | 1,234.07 | 1/4 | 887.67 | 1/4 | 530.91 | 1/4 | 172.10 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,944.23 | 1/2 | 1,585.41 | 1/2 | 1,226.60 | 1/2 | 880.50 | 1/2 | 523.44 | 1/2 | 164.62 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,936.75 | 3/4 | 1,577.94 | 3/4 | 1,219.12 | 3/4 | 873.33 | 3/4 | 515.96 | 3/4 | 157.15 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,929.27 | 4 | 1,570.46 | 4 | 1,211.65 | 4 | 866.17 | 4 | 508.48 | 4 | 149.67 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,921.80 | 1/4 | 1,562.99 | 1/4 | 1,204.17 | 1/4 | 858.97 | 1/4 | 501.01 | 1/4 | 142.20 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,914.32 | 1/2 | 1,555.51 | 1/2 | 1,196.70 | 1/2 | 851.78 | 1/2 | 493.53 | 1/2 | 134.72 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,906.85 | 3/4 | 1,548.03 | 3/4 | 1,189.22 | 3/4 | 844.59 | 3/4 | 486.06 | 3/4 | 127.25 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,899.37 | 5 | 1,540.56 | 5 | 1,181.74 | 5 | 837.40 | 5 | 478.58 | 5 | 119.78 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,891.90 | 1/4 | 1,533.08 | 1/4 | 1,174.26 | 1/4 | 829.92 | 1/4 | 471.11 | 1/4 | 112.31 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,884.42 | 1/2 | 1,525.61 | 1/2 | 1,166.79 | 1/2 | 822.45 | 1/2 | 463.63 | 1/2 | 104.85 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,876.95 | 3/4 | 1,518.13 | 3/4 | 1,160.17 | 3/4 | 814.97 | 3/4 | 456.16 | 3/4 | 97.38 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,869.47 | 6 | 1,510.66 | 6 | 1,152.97 | 6 | 807.50 | 6 | 448.68 | 6 | 89.92 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,862.00 | 1/4 | 1,503.18 | 1/4 | 1,145.80 | 1/4 | 800.02 | 1/4 | 441.21 | 1/4 | 82.48 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,854.52 | 1/2 | 1,495.71 | 1/2 | 1,138.62 | 1/2 | 792.55 | 1/2 | 433.73 | 1/2 | 75.04 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,847.05 | 3/4 | 1,488.23 | 3/4 | 1,131.44 | 3/4 | 785.07 | 3/4 | 426.26 | 3/4 | 67.60 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,839.57 | 7 | 1,480.76 | 7 | 1,124.27 | 7 | 777.60 | 7 | 418.78 | 7 | 60.16 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,832.10 | 1/4 | 1,473.28 | 1/4 | 1,117.09 | 1/4 | 770.12 | 1/4 | 411.31 | 1/4 | 53.62 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,824.62 | 1/2 | 1,465.81 | 1/2 | 1,109.91 | 1/2 | 762.64 | 1/2 | 403.83 | 1/2 | 47.08 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,817.15 | 3/4 | 1,458.33 | 3/4 | 1,102.73 | 3/4 | 755.17 | 3/4 | 396.36 | 3/4 | 40.54 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,809.67 | 8 | 1,450.86 | 8 | 1,095.56 | 8 | 747.69 | 8 | 388.88 | 8 | 34.00 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,802.19 | 1/4 | 1,443.38 | 1/4 | 1,088.39 | 1/4 | 740.22 | 1/4 | 381.40 | 1/4 | 29.33 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,794.72 | 1/2 | 1,435.90 | 1/2 | 1,081.22 | 1/2 | 732.74 | 1/2 | 373.93 | 1/2 | 24.66 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,787.24 | 3/4 | 1,428.43 | 3/4 | 1,074.05 | 3/4 | 725.27 | 3/4 | 366.45 | 3/4 | 19.99 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,779.77 | 9 | 1,420.95 | 9 | 1,066.88 | 9 | 717.79 | 9 | 358.98 | 9 | 15.32 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,772.29 | 1/4 | 1,413.48 | 1/4 | 1,059.72 | 1/4 | 710.32 | 1/4 | 351.50 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,764.82 | 1/2 | 1,406.00 | 1/2 | 1,052.55 | 1/2 | 702.84 | 1/2 | 344.03 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,757.34 | 3/4 | 1,398.53 | 3/4 | 1,045.38 | 3/4 | 695.37 | 3/4 | 336.55 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,749.87 | 10 | 1,391.05 | 10 | 1,038.21 | 10 | 687.89 | 10 | 329.08 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,742.39 | 1/4 | 1,383.58 | 1/4 | 1,031.04 | 1/4 | 680.42 | 1/4 | 321.60 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,734.92 | 1/2 | 1,376.10 | 1/2 | 1,023.87 | 1/2 | 672.94 | 1/2 | 314.13 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,727.44 | 3/4 | 1,368.63 | 3/4 | 1,016.70 | 3/4 | 665.47 | 3/4 | 306.65 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,719.97 | 11 | 1,361.15 | 11 | 1,009.54 | 11 | 657.99 | 11 | 299.18 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,712.49 | 1/4 | 1,353.68 | 1/4 | 1,002.37 | 1/4 | 650.52 | 1/4 | 291.70 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,705.02 | 1/2 | 1,346.20 | 1/2 | 995.20 | 1/2 | 643.04 | 1/2 | 284.23 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,697.54 | 3/4 | 1,338.73 | 3/4 | 988.03 | 3/4 | 635.56 | 3/4 | 276.75 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

2 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. | | |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 4,951.25 | 0 | 4,594.08 | 0 | 4,235.89 | 0 | 3,877.13 | 0 | 3,517.91 | 0 | 3,158.68 | 0 | 2,799.45 | 0 | 2,440.16 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,943.86 | 1/4 | 4,586.62 | 1/4 | 4,228.43 | 1/4 | 3,869.65 | 1/4 | 3,510.42 | 1/4 | 3,151.20 | 1/4 | 2,791.97 | 1/4 | 2,432.67 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,936.47 | 1/2 | 4,579.16 | 1/2 | 4,220.96 | 1/2 | 3,862.17 | 1/2 | 3,502.94 | 1/2 | 3,143.71 | 1/2 | 2,784.49 | 1/2 | 2,425.18 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,929.08 | 3/4 | 4,571.70 | 3/4 | 4,213.50 | 3/4 | 3,854.68 | 3/4 | 3,495.46 | 3/4 | 3,136.23 | 3/4 | 2,777.00 | 3/4 | 2,417.70 | | |
| 1 | 1 | 1 | 1 | 1 | 4,921.69 | 1 | 4,564.23 | 1 | 4,206.04 | 1 | 3,847.20 | 1 | 3,487.97 | 1 | 3,128.74 | 1 | 2,769.52 | 1 | 2,410.21 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,914.30 | 1/4 | 4,556.77 | 1/4 | 4,198.58 | 1/4 | 3,839.72 | 1/4 | 3,480.49 | 1/4 | 3,121.26 | 1/4 | 2,762.03 | 1/4 | 2,402.73 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,906.91 | 1/2 | 4,549.31 | 1/2 | 4,191.11 | 1/2 | 3,832.23 | 1/2 | 3,473.00 | 1/2 | 3,113.78 | 1/2 | 2,754.55 | 1/2 | 2,395.24 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,899.52 | 3/4 | 4,541.85 | 3/4 | 4,183.65 | 3/4 | 3,824.75 | 3/4 | 3,465.52 | 3/4 | 3,106.29 | 3/4 | 2,747.07 | 3/4 | 2,387.75 | | |
| 2 | 2 | 2 | 2 | 2 | 4,892.14 | 2 | 4,534.39 | 2 | 4,176.19 | 2 | 3,817.26 | 2 | 3,458.04 | 2 | 3,098.81 | 2 | 2,739.58 | 2 | 2,380.27 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,884.75 | 1/4 | 4,526.92 | 1/4 | 4,168.73 | 1/4 | 3,809.78 | 1/4 | 3,450.55 | 1/4 | 3,091.33 | 1/4 | 2,732.10 | 1/4 | 2,372.78 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,877.36 | 1/2 | 4,519.46 | 1/2 | 4,161.27 | 1/2 | 3,802.30 | 1/2 | 3,443.07 | 1/2 | 3,083.84 | 1/2 | 2,724.61 | 1/2 | 2,365.30 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,869.97 | 3/4 | 4,512.00 | 3/4 | 4,153.80 | 3/4 | 3,794.81 | 3/4 | 3,435.58 | 3/4 | 3,076.36 | 3/4 | 2,717.13 | 3/4 | 2,357.81 | | |
| 3 | 3 | 3 | 3 | 3 | 4,862.58 | 3 | 4,504.54 | 3 | 4,146.34 | 3 | 3,787.33 | 3 | 3,428.10 | 3 | 3,068.87 | 3 | 2,709.65 | 3 | 2,350.32 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,855.19 | 1/4 | 4,497.07 | 1/4 | 4,138.88 | 1/4 | 3,779.84 | 1/4 | 3,420.62 | 1/4 | 3,061.39 | 1/4 | 2,702.16 | 1/4 | 2,342.84 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,847.81 | 1/2 | 4,489.61 | 1/2 | 4,131.42 | 1/2 | 3,772.36 | 1/2 | 3,413.13 | 1/2 | 3,053.91 | 1/2 | 2,694.68 | 1/2 | 2,335.35 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,840.34 | 3/4 | 4,482.15 | 3/4 | 4,123.95 | 3/4 | 3,764.88 | 3/4 | 3,405.65 | 3/4 | 3,046.42 | 3/4 | 2,687.19 | 3/4 | 2,327.86 | | |
| 4 | 4 | 4 | 4 | 4 | 4,832.88 | 4 | 4,474.69 | 4 | 4,116.49 | 4 | 3,757.39 | 4 | 3,398.17 | 4 | 3,038.94 | 4 | 2,679.71 | 4 | 2,320.38 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,825.42 | 1/4 | 4,467.22 | 1/4 | 4,109.03 | 1/4 | 3,749.91 | 1/4 | 3,390.68 | 1/4 | 3,031.45 | 1/4 | 2,672.23 | 1/4 | 2,312.89 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,817.96 | 1/2 | 4,459.76 | 1/2 | 4,101.57 | 1/2 | 3,742.42 | 1/2 | 3,383.20 | 1/2 | 3,023.97 | 1/2 | 2,664.74 | 1/2 | 2,305.41 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,810.49 | 3/4 | 4,452.30 | 3/4 | 4,094.10 | 3/4 | 3,734.94 | 3/4 | 3,375.71 | 3/4 | 3,016.49 | 3/4 | 2,657.26 | 3/4 | 2,297.92 | | |
| 5 | 5 | 5 | 5 | 5 | 4,803.03 | 5 | 4,444.84 | 5 | 4,086.64 | 5 | 3,727.46 | 5 | 3,368.23 | 5 | 3,009.00 | 5 | 2,649.77 | 5 | 2,290.43 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,795.57 | 1/4 | 4,437.37 | 1/4 | 4,079.18 | 1/4 | 3,719.97 | 1/4 | 3,360.75 | 1/4 | 3,001.52 | 1/4 | 2,642.28 | 1/4 | 2,282.95 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,788.11 | 1/2 | 4,429.91 | 1/2 | 4,071.72 | 1/2 | 3,712.49 | 1/2 | 3,353.26 | 1/2 | 2,994.03 | 1/2 | 2,634.80 | 1/2 | 2,275.46 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,780.64 | 3/4 | 4,422.45 | 3/4 | 4,064.23 | 3/4 | 3,705.01 | 3/4 | 3,345.78 | 3/4 | 2,986.55 | 3/4 | 2,627.31 | 3/4 | 2,267.97 | | |
| 6 | 6 | 6 | 6 | 6 | 4,773.18 | 6 | 4,414.99 | 6 | 4,056.75 | 6 | 3,697.52 | 6 | 3,338.29 | 6 | 2,979.07 | 6 | 2,619.83 | 6 | 2,260.49 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,765.72 | 1/4 | 4,407.52 | 1/4 | 4,049.26 | 1/4 | 3,690.04 | 1/4 | 3,330.81 | 1/4 | 2,971.58 | 1/4 | 2,612.34 | 1/4 | 2,253.00 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,101.02 | 1/2 | 4,758.26 | 1/2 | 4,400.06 | 1/2 | 4,041.78 | 1/2 | 3,682.55 | 1/2 | 3,323.33 | 1/2 | 2,964.10 | 1/2 | 2,604.85 | 1/2 | 2,245.52 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,095.81 | 3/4 | 4,750.79 | 3/4 | 4,392.60 | 3/4 | 4,034.30 | 3/4 | 3,675.07 | 3/4 | 3,315.84 | 3/4 | 2,956.62 | 3/4 | 2,597.37 | 3/4 | 2,238.03 |
| 7 | 7 | 7 | 7 | 7 | 5,090.60 | 7 | 4,743.33 | 7 | 4,385.14 | 7 | 4,026.81 | 7 | 3,667.59 | 7 | 3,308.36 | 7 | 2,949.13 | 7 | 2,589.88 | 7 | 2,230.54 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,085.39 | 1/4 | 4,735.87 | 1/4 | 4,377.67 | 1/4 | 4,019.33 | 1/4 | 3,660.10 | 1/4 | 3,300.87 | 1/4 | 2,941.65 | 1/4 | 2,582.39 | 1/4 | 2,223.06 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,080.19 | 1/2 | 4,728.41 | 1/2 | 4,370.21 | 1/2 | 4,011.85 | 1/2 | 3,652.62 | 1/2 | 3,293.39 | 1/2 | 2,934.16 | 1/2 | 2,574.91 | 1/2 | 2,215.57 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,073.73 | 3/4 | 4,720.95 | 3/4 | 4,362.75 | 3/4 | 4,004.36 | 3/4 | 3,645.13 | 3/4 | 3,285.91 | 3/4 | 2,926.68 | 3/4 | 2,567.42 | 3/4 | 2,208.08 |
| 8 | 8 | 8 | 8 | 8 | 5,067.28 | 8 | 4,713.48 | 8 | 4,355.29 | 8 | 3,996.88 | 8 | 3,637.65 | 8 | 3,278.42 | 8 | 2,919.20 | 8 | 2,559.94 | 8 | 2,200.60 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,060.82 | 1/4 | 4,706.02 | 1/4 | 4,347.83 | 1/4 | 3,989.39 | 1/4 | 3,630.17 | 1/4 | 3,270.94 | 1/4 | 2,911.71 | 1/4 | 2,552.45 | 1/4 | 2,193.11 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,054.37 | 1/2 | 4,698.56 | 1/2 | 4,340.36 | 1/2 | 3,981.91 | 1/2 | 3,622.68 | 1/2 | 3,263.46 | 1/2 | 2,904.23 | 1/2 | 2,544.96 | 1/2 | 2,185.63 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,047.05 | 3/4 | 4,691.10 | 3/4 | 4,332.90 | 3/4 | 3,974.43 | 3/4 | 3,615.20 | 3/4 | 3,255.97 | 3/4 | 2,896.74 | 3/4 | 2,537.48 | 3/4 | 2,178.14 |
| 9 | 9 | 9 | 9 | 9 | 5,039.73 | 9 | 4,683.63 | 9 | 4,325.44 | 9 | 3,966.94 | 9 | 3,607.71 | 9 | 3,248.49 | 9 | 2,889.26 | 9 | 2,529.99 | 9 | 2,170.65 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,032.41 | 1/4 | 4,676.17 | 1/4 | 4,317.98 | 1/4 | 3,959.46 | 1/4 | 3,600.23 | 1/4 | 3,241.00 | 1/4 | 2,881.78 | 1/4 | 2,522.51 | 1/4 | 2,163.17 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 5,025.09 | 1/2 | 4,668.71 | 1/2 | 4,310.51 | 1/2 | 3,951.97 | 1/2 | 3,592.75 | 1/2 | 3,233.52 | 1/2 | 2,874.29 | 1/2 | 2,515.02 | 1/2 | 2,155.68 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 5,017.71 | 3/4 | 4,661.25 | 3/4 | 4,303.05 | 3/4 | 3,944.49 | 3/4 | 3,585.26 | 3/4 | 3,226.04 | 3/4 | 2,866.81 | 3/4 | 2,507.53 | 3/4 | 2,148.20 |
| 10 | 10 | 10 | 10 | 10 | 5,010.34 | 10 | 4,653.78 | 10 | 4,295.59 | 10 | 3,937.01 | 10 | 3,577.78 | 10 | 3,218.55 | 10 | 2,859.32 | 10 | 2,500.05 | 10 | 2,140.71 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 5,002.96 | 1/4 | 4,646.32 | 1/4 | 4,288.13 | 1/4 | 3,929.52 | 1/4 | 3,570.29 | 1/4 | 3,211.07 | 1/4 | 2,851.84 | 1/4 | 2,492.56 | 1/4 | 2,133.22 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,995.58 | 1/2 | 4,638.86 | 1/2 | 4,280.66 | 1/2 | 3,922.04 | 1/2 | 3,562.81 | 1/2 | 3,203.58 | 1/2 | 2,844.36 | 1/2 | 2,485.07 | 1/2 | 2,125.74 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,988.20 | 3/4 | 4,631.40 | 3/4 | 4,273.20 | 3/4 | 3,914.55 | 3/4 | 3,555.33 | 3/4 | 3,196.10 | 3/4 | 2,836.87 | 3/4 | 2,477.59 | 3/4 | 2,118.25 |
| 11 | 11 | 11 | 11 | 11 | 4,980.81 | 11 | 4,623.93 | 11 | 4,265.74 | 11 | 3,907.07 | 11 | 3,547.84 | 11 | 3,188.62 | 11 | 2,829.39 | 11 | 2,470.10 | 11 | 2,110.76 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,973.42 | 1/4 | 4,616.47 | 1/4 | 4,258.28 | 1/4 | 3,899.59 | 1/4 | 3,540.36 | 1/4 | 3,181.13 | 1/4 | 2,821.90 | 1/4 | 2,462.62 | 1/4 | 2,103.28 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,966.03 | 1/2 | 4,609.01 | 1/2 | 4,250.81 | 1/2 | 3,892.10 | 1/2 | 3,532.88 | 1/2 | 3,173.65 | 1/2 | 2,814.42 | 1/2 | 2,455.13 | 1/2 | 2,095.79 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,958.64 | 3/4 | 4,601.55 | 3/4 | 4,243.35 | 3/4 | 3,884.62 | 3/4 | 3,525.39 | 3/4 | 3,166.16 | 3/4 | 2,806.94 | 3/4 | 2,447.64 | 3/4 | 2,088.31 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD

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



BARGE "CTC 29142"

2 STBD

ULLAGE TABLE
HERMETIC

GAUGE HEIGHT 15'-09 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,080.82 | 0 | 1,721.48 | 0 | 1,362.14 | 0 | 1,003.05 | 0 | 643.98 | 0 | 284.64 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,073.33 | 1/4 | 1,714.00 | 1/4 | 1,354.66 | 1/4 | 995.58 | 1/4 | 636.49 | 1/4 | 277.15 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,065.85 | 1/2 | 1,706.51 | 1/2 | 1,347.17 | 1/2 | 988.11 | 1/2 | 629.01 | 1/2 | 269.67 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,058.36 | 3/4 | 1,699.02 | 3/4 | 1,339.69 | 3/4 | 980.64 | 3/4 | 621.52 | 3/4 | 262.18 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 2,050.87 | 1 | 1,691.54 | 1 | 1,332.20 | 1 | 973.17 | 1 | 614.03 | 1 | 254.70 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 2,043.39 | 1/4 | 1,684.05 | 1/4 | 1,324.71 | 1/4 | 965.70 | 1/4 | 606.55 | 1/4 | 247.21 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,035.90 | 1/2 | 1,676.56 | 1/2 | 1,317.23 | 1/2 | 958.22 | 1/2 | 599.06 | 1/2 | 239.72 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,028.42 | 3/4 | 1,669.08 | 3/4 | 1,309.74 | 3/4 | 950.75 | 3/4 | 591.57 | 3/4 | 232.24 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 2,020.93 | 2 | 1,661.59 | 2 | 1,302.25 | 2 | 943.28 | 2 | 584.09 | 2 | 224.75 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 2,013.44 | 1/4 | 1,654.11 | 1/4 | 1,294.77 | 1/4 | 935.81 | 1/4 | 576.60 | 1/4 | 217.26 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,005.96 | 1/2 | 1,646.62 | 1/2 | 1,287.28 | 1/2 | 928.34 | 1/2 | 569.12 | 1/2 | 209.78 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,998.47 | 3/4 | 1,639.13 | 3/4 | 1,279.80 | 3/4 | 920.87 | 3/4 | 561.63 | 3/4 | 202.29 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,990.99 | 3 | 1,631.65 | 3 | 1,272.31 | 3 | 913.39 | 3 | 554.14 | 3 | 194.81 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,983.50 | 1/4 | 1,624.16 | 1/4 | 1,264.82 | 1/4 | 905.92 | 1/4 | 546.66 | 1/4 | 187.32 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,976.01 | 1/2 | 1,616.68 | 1/2 | 1,257.34 | 1/2 | 898.45 | 1/2 | 539.17 | 1/2 | 179.83 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,968.53 | 3/4 | 1,609.19 | 3/4 | 1,249.85 | 3/4 | 890.98 | 3/4 | 531.68 | 3/4 | 172.35 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,961.04 | 4 | 1,601.70 | 4 | 1,242.37 | 4 | 883.51 | 4 | 524.20 | 4 | 164.86 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,953.55 | 1/4 | 1,594.22 | 1/4 | 1,234.88 | 1/4 | 876.04 | 1/4 | 516.71 | 1/4 | 157.37 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,946.07 | 1/2 | 1,586.73 | 1/2 | 1,227.39 | 1/2 | 868.56 | 1/2 | 509.23 | 1/2 | 149.89 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,938.58 | 3/4 | 1,579.24 | 3/4 | 1,219.91 | 3/4 | 861.08 | 3/4 | 501.74 | 3/4 | 142.40 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,931.10 | 5 | 1,571.76 | 5 | 1,212.42 | 5 | 853.59 | 5 | 494.25 | 5 | 134.92 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,923.61 | 1/4 | 1,564.27 | 1/4 | 1,204.93 | 1/4 | 846.11 | 1/4 | 486.77 | 1/4 | 127.43 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,916.12 | 1/2 | 1,556.79 | 1/2 | 1,197.45 | 1/2 | 838.62 | 1/2 | 479.28 | 1/2 | 119.95 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,908.64 | 3/4 | 1,549.30 | 3/4 | 1,189.96 | 3/4 | 831.13 | 3/4 | 471.80 | 3/4 | 112.47 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,901.15 | 6 | 1,541.81 | 6 | 1,182.48 | 6 | 823.65 | 6 | 464.31 | 6 | 105.00 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,893.66 | 1/4 | 1,534.33 | 1/4 | 1,174.99 | 1/4 | 816.16 | 1/4 | 456.82 | 1/4 | 97.52 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,886.18 | 1/2 | 1,526.84 | 1/2 | 1,167.50 | 1/2 | 808.67 | 1/2 | 449.34 | 1/2 | 90.05 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,878.69 | 3/4 | 1,519.35 | 3/4 | 1,160.02 | 3/4 | 801.19 | 3/4 | 441.85 | 3/4 | 82.60 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,871.21 | 7 | 1,511.87 | 7 | 1,152.54 | 7 | 793.70 | 7 | 434.36 | 7 | 75.15 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,863.72 | 1/4 | 1,504.38 | 1/4 | 1,145.06 | 1/4 | 786.22 | 1/4 | 426.88 | 1/4 | 67.70 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,856.23 | 1/2 | 1,496.90 | 1/2 | 1,137.58 | 1/2 | 778.73 | 1/2 | 419.39 | 1/2 | 60.25 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,848.75 | 3/4 | 1,489.41 | 3/4 | 1,130.10 | 3/4 | 771.24 | 3/4 | 411.91 | 3/4 | 53.70 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,841.26 | 8 | 1,481.92 | 8 | 1,122.62 | 8 | 763.76 | 8 | 404.42 | 8 | 47.15 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,833.77 | 1/4 | 1,474.44 | 1/4 | 1,115.14 | 1/4 | 756.27 | 1/4 | 396.93 | 1/4 | 40.60 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,826.29 | 1/2 | 1,466.95 | 1/2 | 1,107.66 | 1/2 | 748.78 | 1/2 | 389.45 | 1/2 | 34.05 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,818.80 | 3/4 | 1,459.46 | 3/4 | 1,100.19 | 3/4 | 741.30 | 3/4 | 381.96 | 3/4 | 29.37 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,811.32 | 9 | 1,451.98 | 9 | 1,092.71 | 9 | 733.81 | 9 | 374.47 | 9 | 24.69 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,803.83 | 1/4 | 1,444.49 | 1/4 | 1,085.24 | 1/4 | 726.33 | 1/4 | 366.99 | 1/4 | 20.02 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,796.34 | 1/2 | 1,437.01 | 1/2 | 1,077.77 | 1/2 | 718.84 | 1/2 | 359.50 | 1/2 | 15.34 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,788.86 | 3/4 | 1,429.52 | 3/4 | 1,070.30 | 3/4 | 711.35 | 3/4 | 352.02 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,781.37 | 10 | 1,422.03 | 10 | 1,062.83 | 10 | 703.87 | 10 | 344.53 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,773.89 | 1/4 | 1,414.55 | 1/4 | 1,055.36 | 1/4 | 696.38 | 1/4 | 337.04 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,766.40 | 1/2 | 1,407.06 | 1/2 | 1,047.88 | 1/2 | 688.90 | 1/2 | 329.56 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,758.91 | 3/4 | 1,399.58 | 3/4 | 1,040.41 | 3/4 | 681.41 | 3/4 | 322.07 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,751.43 | 11 | 1,392.09 | 11 | 1,032.94 | 11 | 673.92 | 11 | 314.59 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,743.94 | 1/4 | 1,384.60 | 1/4 | 1,025.47 | 1/4 | 666.44 | 1/4 | 307.10 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,736.45 | 1/2 | 1,377.12 | 1/2 | 1,018.00 | 1/2 | 658.95 | 1/2 | 299.61 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,728.97 | 3/4 | 1,369.63 | 3/4 | 1,010.53 | 3/4 | 651.46 | 3/4 | 292.13 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. | | |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 4,346.33 | 0 | 4,127.64 | 0 | 3,908.51 | 0 | 3,688.99 | 0 | 3,450.17 | 0 | 3,096.82 | 0 | 2,740.02 | 0 | 2,383.13 | | |
| 1/4 | | 1/4 | | 1/4 | 4,341.81 | 1/4 | 4,123.08 | 1/4 | 3,903.94 | 1/4 | 3,684.41 | 1/4 | 3,443.49 | 1/4 | 3,089.38 | 1/4 | 2,732.59 | 1/4 | 2,375.69 | | |
| 1/2 | | 1/2 | | 1/2 | 4,337.29 | 1/2 | 4,118.51 | 1/2 | 3,899.38 | 1/2 | 3,679.83 | 1/2 | 3,436.80 | 1/2 | 3,081.95 | 1/2 | 2,725.16 | 1/2 | 2,368.25 | | |
| 3/4 | | 3/4 | | 3/4 | 4,332.77 | 3/4 | 4,113.95 | 3/4 | 3,894.81 | 3/4 | 3,675.26 | 3/4 | 3,429.64 | 3/4 | 3,074.52 | 3/4 | 2,717.72 | 3/4 | 2,360.80 | | |
| 1 | 1 | 1 | 1 | 1 | 4,328.25 | 1 | 4,109.38 | 1 | 3,890.25 | 1 | 3,670.68 | 1 | 3,422.47 | 1 | 3,067.08 | 1 | 2,710.29 | 1 | 2,353.36 | | |
| 1/4 | | 1/4 | | 1/4 | 4,323.73 | 1/4 | 4,104.82 | 1/4 | 3,885.68 | 1/4 | 3,666.10 | 1/4 | 3,415.31 | 1/4 | 3,059.65 | 1/4 | 2,702.86 | 1/4 | 2,345.92 | | |
| 1/2 | | 1/2 | | 1/2 | 4,319.21 | 1/2 | 4,100.25 | 1/2 | 3,881.12 | 1/2 | 3,661.52 | 1/2 | 3,408.14 | 1/2 | 3,052.22 | 1/2 | 2,695.42 | 1/2 | 2,338.47 | | |
| 3/4 | | 3/4 | | 3/4 | 4,314.69 | 3/4 | 4,095.69 | 3/4 | 3,876.55 | 3/4 | 3,656.94 | 3/4 | 3,400.75 | 3/4 | 3,044.78 | 3/4 | 2,687.99 | 3/4 | 2,331.03 | | |
| 2 | 2 | 2 | 2 | 2 | 4,310.17 | 2 | 4,091.12 | 2 | 3,871.99 | 2 | 3,652.37 | 2 | 3,393.36 | 2 | 3,037.35 | 2 | 2,680.56 | 2 | 2,323.59 | | |
| 1/4 | | 1/4 | | 1/4 | 4,305.65 | 1/4 | 4,086.56 | 1/4 | 3,867.42 | 1/4 | 3,647.79 | 1/4 | 3,385.97 | 1/4 | 3,029.92 | 1/4 | 2,673.12 | 1/4 | 2,316.14 | | |
| 1/2 | | 1/2 | | 1/2 | 4,301.13 | 1/2 | 4,081.99 | 1/2 | 3,862.86 | 1/2 | 3,643.21 | 1/2 | 3,378.58 | 1/2 | 3,022.48 | 1/2 | 2,665.69 | 1/2 | 2,308.70 | | |
| 3/4 | | 3/4 | | 3/4 | 4,296.56 | 3/4 | 4,077.43 | 3/4 | 3,858.29 | 3/4 | 3,638.63 | 3/4 | 3,371.18 | 3/4 | 3,015.05 | 3/4 | 2,658.26 | 3/4 | 2,301.25 | | |
| 3 | 3 | 3 | 3 | 3 | 4,291.99 | 3 | 4,072.86 | 3 | 3,853.73 | 3 | 3,634.05 | 3 | 3,363.78 | 3 | 3,007.62 | 3 | 2,650.82 | 3 | 2,293.81 | | |
| 1/4 | | 1/4 | | 1/4 | 4,287.43 | 1/4 | 4,068.29 | 1/4 | 3,849.16 | 1/4 | 3,629.48 | 1/4 | 3,356.38 | 1/4 | 3,000.18 | 1/4 | 2,643.39 | 1/4 | 2,286.37 | | |
| 1/2 | | 1/2 | | 1/2 | 4,282.86 | 1/2 | 4,063.73 | 1/2 | 3,844.60 | 1/2 | 3,624.90 | 1/2 | 3,348.98 | 1/2 | 2,992.75 | 1/2 | 2,635.96 | 1/2 | 2,278.92 | | |
| 3/4 | | 3/4 | | 3/4 | 4,278.30 | 3/4 | 4,059.16 | 3/4 | 3,840.03 | 3/4 | 3,620.32 | 3/4 | 3,341.57 | 3/4 | 2,985.32 | 3/4 | 2,628.52 | 3/4 | 2,271.49 | | |
| 4 | 4 | 4 | 4 | 4 | 4,273.73 | 4 | 4,054.60 | 4 | 3,835.46 | 4 | 3,615.74 | 4 | 3,334.17 | 4 | 2,977.88 | 4 | 2,621.09 | 4 | 2,264.05 | | |
| 1/4 | | 1/4 | | 1/4 | 4,269.17 | 1/4 | 4,050.03 | 1/4 | 3,830.90 | 1/4 | 3,611.16 | 1/4 | 3,326.76 | 1/4 | 2,970.45 | 1/4 | 2,613.65 | 1/4 | 2,256.61 | | |
| 1/2 | | 1/2 | | 1/2 | 4,264.60 | 1/2 | 4,045.47 | 1/2 | 3,826.33 | 1/2 | 3,606.59 | 1/2 | 3,319.36 | 1/2 | 2,963.02 | 1/2 | 2,606.22 | 1/2 | 2,249.17 | | |
| 3/4 | | 3/4 | | 3/4 | 4,260.04 | 3/4 | 4,040.90 | 3/4 | 3,821.76 | 3/4 | 3,602.01 | 3/4 | 3,311.95 | 3/4 | 2,955.58 | 3/4 | 2,598.79 | 3/4 | 2,241.73 | | |
| 5 | 5 | 5 | 5 | 5 | 4,255.47 | 5 | 4,036.34 | 5 | 3,817.18 | 5 | 3,597.43 | 5 | 3,304.55 | 5 | 2,948.15 | 5 | 2,591.35 | 5 | 2,234.30 | | |
| 1/4 | | 1/4 | | 1/4 | 4,250.91 | 1/4 | 4,031.77 | 1/4 | 3,812.60 | 1/4 | 3,592.85 | 1/4 | 3,297.14 | 1/4 | 2,940.72 | 1/4 | 2,583.92 | 1/4 | 2,226.86 | | |
| 1/2 | | 1/2 | | 1/2 | 4,456.05 | 1/2 | 4,246.34 | 1/2 | 4,027.21 | 1/2 | 3,808.02 | 1/2 | 3,588.27 | 1/2 | 3,289.74 | 1/2 | 2,933.29 | 1/2 | 2,576.48 | 1/2 | 2,219.42 |
| 3/4 | | 3/4 | | 3/4 | 4,452.86 | 3/4 | 4,241.78 | 3/4 | 4,022.64 | 3/4 | 3,803.44 | 3/4 | 3,583.69 | 3/4 | 3,282.33 | 3/4 | 2,925.85 | 3/4 | 2,569.05 | 3/4 | 2,211.98 |
| 6 | 6 | 6 | 6 | 6 | 4,449.68 | 6 | 4,237.21 | 6 | 4,018.08 | 6 | 3,798.87 | 6 | 3,579.12 | 6 | 3,274.93 | 6 | 2,918.42 | 6 | 2,561.61 | 6 | 2,204.55 |
| 1/4 | | 1/4 | | 1/4 | 4,446.49 | 1/4 | 4,232.65 | 1/4 | 4,013.51 | 1/4 | 3,794.29 | 1/4 | 3,574.54 | 1/4 | 3,267.52 | 1/4 | 2,910.99 | 1/4 | 2,554.18 | 1/4 | 2,197.11 |
| 1/2 | | 1/2 | | 1/2 | 4,443.30 | 1/2 | 4,228.08 | 1/2 | 4,008.95 | 1/2 | 3,789.71 | 1/2 | 3,569.96 | 1/2 | 3,260.12 | 1/2 | 2,903.55 | 1/2 | 2,546.74 | 1/2 | 2,189.67 |
| 3/4 | | 3/4 | | 3/4 | 4,439.36 | 3/4 | 4,223.52 | 3/4 | 4,004.38 | 3/4 | 3,785.13 | 3/4 | 3,565.38 | 3/4 | 3,252.71 | 3/4 | 2,896.12 | 3/4 | 2,539.31 | 3/4 | 2,182.23 |
| 7 | 7 | 7 | 7 | 7 | 4,435.41 | 7 | 4,218.95 | 7 | 3,999.82 | 7 | 3,780.55 | 7 | 3,560.80 | 7 | 3,245.31 | 7 | 2,888.69 | 7 | 2,531.88 | 7 | 2,174.79 |
| 1/4 | | 1/4 | | 1/4 | 4,431.46 | 1/4 | 4,214.38 | 1/4 | 3,995.25 | 1/4 | 3,775.97 | 1/4 | 3,556.23 | 1/4 | 3,237.90 | 1/4 | 2,881.25 | 1/4 | 2,524.44 | 1/4 | 2,167.36 |
| 1/2 | | 1/2 | | 1/2 | 4,427.51 | 1/2 | 4,209.82 | 1/2 | 3,990.68 | 1/2 | 3,771.40 | 1/2 | 3,551.65 | 1/2 | 3,230.50 | 1/2 | 2,873.82 | 1/2 | 2,517.01 | 1/2 | 2,159.92 |
| 3/4 | | 3/4 | | 3/4 | 4,423.03 | 3/4 | 4,205.25 | 3/4 | 3,986.12 | 3/4 | 3,766.82 | 3/4 | 3,546.83 | 3/4 | 3,223.10 | 3/4 | 2,866.39 | 3/4 | 2,509.57 | 3/4 | 2,152.48 |
| 8 | 8 | 8 | 8 | 8 | 4,418.55 | 8 | 4,200.69 | 8 | 3,981.55 | 8 | 3,762.24 | 8 | 3,542.01 | 8 | 3,215.69 | 8 | 2,858.95 | 8 | 2,502.14 | 8 | 2,145.04 |
| 1/4 | | 1/4 | | 1/4 | 4,414.07 | 1/4 | 4,196.12 | 1/4 | 3,976.99 | 1/4 | 3,757.66 | 1/4 | 3,537.19 | 1/4 | 3,208.29 | 1/4 | 2,851.52 | 1/4 | 2,494.70 | 1/4 | 2,137.60 |
| 1/2 | | 1/2 | | 1/2 | 4,409.60 | 1/2 | 4,191.56 | 1/2 | 3,972.42 | 1/2 | 3,753.08 | 1/2 | 3,532.38 | 1/2 | 3,200.88 | 1/2 | 2,844.09 | 1/2 | 2,487.27 | 1/2 | 2,130.17 |
| 3/4 | | 3/4 | | 3/4 | 4,405.08 | 3/4 | 4,186.99 | 3/4 | 3,967.86 | 3/4 | 3,748.51 | 3/4 | 3,527.12 | 3/4 | 3,193.45 | 3/4 | 2,836.65 | 3/4 | 2,479.83 | 3/4 | 2,122.73 |
| 9 | 9 | 9 | 9 | 9 | 4,400.57 | 9 | 4,182.43 | 9 | 3,963.29 | 9 | 3,743.93 | 9 | 3,521.86 | 9 | 3,186.01 | 9 | 2,829.22 | 9 | 2,472.40 | 9 | 2,115.29 |
| 1/4 | | 1/4 | | 1/4 | 4,396.06 | 1/4 | 4,177.86 | 1/4 | 3,958.73 | 1/4 | 3,739.35 | 1/4 | 3,516.60 | 1/4 | 3,178.58 | 1/4 | 2,821.79 | 1/4 | 2,464.97 | 1/4 | 2,107.85 |
| 1/2 | | 1/2 | | 1/2 | 4,391.55 | 1/2 | 4,173.30 | 1/2 | 3,954.16 | 1/2 | 3,734.77 | 1/2 | 3,511.33 | 1/2 | 3,171.15 | 1/2 | 2,814.35 | 1/2 | 2,457.53 | 1/2 | 2,100.41 |
| 3/4 | | 3/4 | | 3/4 | 4,387.02 | 3/4 | 4,168.73 | 3/4 | 3,949.60 | 3/4 | 3,730.19 | 3/4 | 3,505.59 | 3/4 | 3,163.71 | 3/4 | 2,806.92 | 3/4 | 2,450.10 | 3/4 | 2,093.00 |
| 10 | 10 | 10 | 10 | 10 | 4,382.50 | 10 | 4,164.17 | 10 | 3,945.03 | 10 | 3,725.62 | 10 | 3,499.85 | 10 | 3,156.28 | 10 | 2,799.49 | 10 | 2,442.66 | 10 | 2,085.58 |
| 1/4 | | 1/4 | | 1/4 | 4,377.98 | 1/4 | 4,159.60 | 1/4 | 3,940.47 | 1/4 | 3,721.04 | 1/4 | 3,494.11 | 1/4 | 3,148.85 | 1/4 | 2,792.05 | 1/4 | 2,435.23 | 1/4 | 2,078.16 |
| 1/2 | | 1/2 | | 1/2 | 4,373.46 | 1/2 | 4,155.04 | 1/2 | 3,935.90 | 1/2 | 3,716.46 | 1/2 | 3,488.37 | 1/2 | 3,141.41 | 1/2 | 2,784.62 | 1/2 | 2,427.79 | 1/2 | 2,070.74 |
| 3/4 | | 3/4 | | 3/4 | 4,368.94 | 3/4 | 4,150.47 | 3/4 | 3,931.34 | 3/4 | 3,711.88 | 3/4 | 3,482.17 | 3/4 | 3,133.98 | 3/4 | 2,777.19 | 3/4 | 2,420.35 | 3/4 | 2,063.32 |
| 11 | 11 | 11 | 11 | 11 | 4,364.42 | 11 | 4,145.91 | 11 | 3,926.77 | 11 | 3,707.30 | 11 | 3,475.96 | 11 | 3,126.55 | 11 | 2,769.75 | 11 | 2,412.91 | 11 | 2,055.91 |
| 1/4 | | 1/4 | | 1/4 | 4,359.90 | 1/4 | 4,141.34 | 1/4 | 3,922.21 | 1/4 | 3,702.73 | 1/4 | 3,469.75 | 1/4 | 3,119.12 | 1/4 | 2,762.32 | 1/4 | 2,405.46 | 1/4 | 2,048.49 |
| 1/2 | | 1/2 | | 1/2 | 4,355.37 | 1/2 | 4,136.77 | 1/2 | 3,917.64 | 1/2 | 3,698.15 | 1/2 | 3,463.54 | 1/2 | 3,111.68 | 1/2 | 2,754.89 | 1/2 | 2,398.02 | 1/2 | 2,041.07 |
| 3/4 | | 3/4 | | 3/4 | 4,350.85 | 3/4 | 4,132.21 | 3/4 | 3,913.07 | 3/4 | 3,693.57 | 3/4 | 3,456.86 | 3/4 | 3,104.25 | 3/4 | 2,747.46 | 3/4 | 2,390.58 | 3/4 | 2,033.65 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>





BARGE "CTC 29142"

3 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,026.22 | 0 | 1,669.66 | 0 | 1,312.48 | 0 | 963.15 | 0 | 611.23 | 0 | 253.74 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,018.80 | 1/4 | 1,662.22 | 1/4 | 1,305.04 | 1/4 | 956.00 | 1/4 | 603.78 | 1/4 | 246.28 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,011.37 | 1/2 | 1,654.78 | 1/2 | 1,297.60 | 1/2 | 948.85 | 1/2 | 596.34 | 1/2 | 238.82 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,003.95 | 3/4 | 1,647.34 | 3/4 | 1,290.16 | 3/4 | 941.70 | 3/4 | 588.89 | 3/4 | 231.36 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,996.52 | 1 | 1,639.90 | 1 | 1,282.71 | 1 | 934.55 | 1 | 581.44 | 1 | 223.90 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,989.10 | 1/4 | 1,632.46 | 1/4 | 1,275.27 | 1/4 | 927.40 | 1/4 | 574.00 | 1/4 | 216.45 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,981.67 | 1/2 | 1,625.01 | 1/2 | 1,267.83 | 1/2 | 920.25 | 1/2 | 566.55 | 1/2 | 208.99 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,974.25 | 3/4 | 1,617.57 | 3/4 | 1,260.39 | 3/4 | 913.10 | 3/4 | 559.10 | 3/4 | 201.53 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,966.82 | 2 | 1,610.13 | 2 | 1,252.95 | 2 | 905.95 | 2 | 551.66 | 2 | 194.07 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,959.40 | 1/4 | 1,602.69 | 1/4 | 1,245.51 | 1/4 | 898.80 | 1/4 | 544.21 | 1/4 | 186.62 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,951.97 | 1/2 | 1,595.25 | 1/2 | 1,238.07 | 1/2 | 891.65 | 1/2 | 536.77 | 1/2 | 179.16 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,944.55 | 3/4 | 1,587.81 | 3/4 | 1,230.63 | 3/4 | 884.50 | 3/4 | 529.32 | 3/4 | 171.70 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,937.12 | 3 | 1,580.37 | 3 | 1,223.18 | 3 | 877.35 | 3 | 521.87 | 3 | 164.24 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,929.70 | 1/4 | 1,572.93 | 1/4 | 1,215.74 | 1/4 | 870.20 | 1/4 | 514.43 | 1/4 | 156.78 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,922.27 | 1/2 | 1,565.48 | 1/2 | 1,208.30 | 1/2 | 863.05 | 1/2 | 506.98 | 1/2 | 149.33 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,914.85 | 3/4 | 1,558.04 | 3/4 | 1,200.86 | 3/4 | 855.88 | 3/4 | 499.53 | 3/4 | 141.87 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,907.42 | 4 | 1,550.60 | 4 | 1,193.42 | 4 | 848.71 | 4 | 492.09 | 4 | 134.41 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,900.00 | 1/4 | 1,543.16 | 1/4 | 1,185.98 | 1/4 | 841.54 | 1/4 | 484.64 | 1/4 | 126.96 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,892.57 | 1/2 | 1,535.72 | 1/2 | 1,178.54 | 1/2 | 834.36 | 1/2 | 477.19 | 1/2 | 119.50 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,885.15 | 3/4 | 1,528.28 | 3/4 | 1,171.30 | 3/4 | 826.98 | 3/4 | 469.75 | 3/4 | 112.05 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,877.72 | 5 | 1,520.84 | 5 | 1,164.07 | 5 | 819.60 | 5 | 462.30 | 5 | 104.60 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,870.30 | 1/4 | 1,513.39 | 1/4 | 1,156.83 | 1/4 | 812.21 | 1/4 | 454.86 | 1/4 | 97.16 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,862.87 | 1/2 | 1,505.95 | 1/2 | 1,149.60 | 1/2 | 804.83 | 1/2 | 447.41 | 1/2 | 89.71 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,855.45 | 3/4 | 1,498.51 | 3/4 | 1,142.38 | 3/4 | 797.39 | 3/4 | 439.96 | 3/4 | 82.29 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,848.02 | 6 | 1,491.07 | 6 | 1,135.16 | 6 | 789.94 | 6 | 432.52 | 6 | 74.87 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,840.60 | 1/4 | 1,483.63 | 1/4 | 1,127.94 | 1/4 | 782.49 | 1/4 | 425.07 | 1/4 | 67.44 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,833.17 | 1/2 | 1,476.19 | 1/2 | 1,120.72 | 1/2 | 775.05 | 1/2 | 417.62 | 1/2 | 60.02 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,825.75 | 3/4 | 1,468.75 | 3/4 | 1,113.50 | 3/4 | 767.60 | 3/4 | 410.18 | 3/4 | 53.50 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,818.32 | 7 | 1,461.31 | 7 | 1,106.28 | 7 | 760.15 | 7 | 402.73 | 7 | 46.97 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,810.90 | 1/4 | 1,453.86 | 1/4 | 1,099.06 | 1/4 | 752.71 | 1/4 | 395.29 | 1/4 | 40.45 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,803.47 | 1/2 | 1,446.42 | 1/2 | 1,091.84 | 1/2 | 745.26 | 1/2 | 387.84 | 1/2 | 33.93 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,796.05 | 3/4 | 1,438.98 | 3/4 | 1,084.69 | 3/4 | 737.82 | 3/4 | 380.39 | 3/4 | 29.26 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,788.62 | 8 | 1,431.54 | 8 | 1,077.54 | 8 | 730.37 | 8 | 372.95 | 8 | 24.60 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,781.20 | 1/4 | 1,424.10 | 1/4 | 1,070.39 | 1/4 | 722.92 | 1/4 | 365.50 | 1/4 | 19.94 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,773.77 | 1/2 | 1,416.66 | 1/2 | 1,063.24 | 1/2 | 715.48 | 1/2 | 358.05 | 1/2 | 15.28 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,766.35 | 3/4 | 1,409.22 | 3/4 | 1,056.09 | 3/4 | 708.03 | 3/4 | 350.61 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,758.93 | 9 | 1,401.78 | 9 | 1,048.94 | 9 | 700.58 | 9 | 343.16 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,751.50 | 1/4 | 1,394.33 | 1/4 | 1,041.79 | 1/4 | 693.14 | 1/4 | 335.72 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,744.08 | 1/2 | 1,386.89 | 1/2 | 1,034.64 | 1/2 | 685.69 | 1/2 | 328.27 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,736.63 | 3/4 | 1,379.45 | 3/4 | 1,027.49 | 3/4 | 678.24 | 3/4 | 320.82 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,729.19 | 10 | 1,372.01 | 10 | 1,020.34 | 10 | 670.80 | 10 | 313.38 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,721.75 | 1/4 | 1,364.57 | 1/4 | 1,013.19 | 1/4 | 663.35 | 1/4 | 305.93 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,714.31 | 1/2 | 1,357.13 | 1/2 | 1,006.04 | 1/2 | 655.91 | 1/2 | 298.48 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,706.87 | 3/4 | 1,349.69 | 3/4 | 998.89 | 3/4 | 648.46 | 3/4 | 291.03 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,699.43 | 11 | 1,342.25 | 11 | 991.74 | 11 | 641.01 | 11 | 283.57 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,691.99 | 1/4 | 1,334.80 | 1/4 | 984.60 | 1/4 | 633.57 | 1/4 | 276.11 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,684.54 | 1/2 | 1,327.36 | 1/2 | 977.45 | 1/2 | 626.12 | 1/2 | 268.65 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,677.10 | 3/4 | 1,319.92 | 3/4 | 970.30 | 3/4 | 618.67 | 3/4 | 261.19 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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



BARGE "CTC 29142"

3 STBD ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | 0 | 0 | 0 | 0 | 4,358.24 | 0 | 4,139.94 | 0 | 3,921.19 | 0 | 3,702.06 | 0 | 3,463.60 | 0 | 3,110.23 | 0 | 2,753.42 | 0 | 2,396.53 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,353.73 | 1/4 | 4,135.38 | 1/4 | 3,916.63 | 1/4 | 3,697.49 | 1/4 | 3,456.91 | 1/4 | 3,102.79 | 1/4 | 2,745.99 | 1/4 | 2,389.09 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,349.21 | 1/2 | 4,130.83 | 1/2 | 3,912.08 | 1/2 | 3,692.92 | 1/2 | 3,450.23 | 1/2 | 3,095.36 | 1/2 | 2,738.55 | 1/2 | 2,381.64 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,344.70 | 3/4 | 4,126.27 | 3/4 | 3,907.52 | 3/4 | 3,688.35 | 3/4 | 3,443.06 | 3/4 | 3,087.93 | 3/4 | 2,731.12 | 3/4 | 2,374.20 |
| 1 | 1 | 1 | 1 | 1 | 4,340.19 | 1 | 4,121.71 | 1 | 3,902.96 | 1 | 3,683.78 | 1 | 3,435.90 | 1 | 3,080.49 | 1 | 2,723.68 | 1 | 2,366.75 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,335.68 | 1/4 | 4,117.15 | 1/4 | 3,898.40 | 1/4 | 3,679.21 | 1/4 | 3,428.73 | 1/4 | 3,073.06 | 1/4 | 2,716.25 | 1/4 | 2,359.31 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,331.17 | 1/2 | 4,112.60 | 1/2 | 3,893.85 | 1/2 | 3,674.64 | 1/2 | 3,421.57 | 1/2 | 3,065.63 | 1/2 | 2,708.82 | 1/2 | 2,351.87 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,326.65 | 3/4 | 4,108.04 | 3/4 | 3,889.29 | 3/4 | 3,670.07 | 3/4 | 3,414.17 | 3/4 | 3,058.19 | 3/4 | 2,701.38 | 3/4 | 2,344.42 |
| 2 | 2 | 2 | 2 | 2 | 4,322.14 | 2 | 4,103.48 | 2 | 3,884.73 | 2 | 3,665.50 | 2 | 3,406.78 | 2 | 3,050.76 | 2 | 2,693.95 | 2 | 2,336.98 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,317.63 | 1/4 | 4,098.92 | 1/4 | 3,880.17 | 1/4 | 3,660.93 | 1/4 | 3,399.39 | 1/4 | 3,043.33 | 1/4 | 2,686.52 | 1/4 | 2,329.54 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,313.12 | 1/2 | 4,094.37 | 1/2 | 3,875.62 | 1/2 | 3,656.36 | 1/2 | 3,392.00 | 1/2 | 3,035.89 | 1/2 | 2,679.08 | 1/2 | 2,322.09 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,308.56 | 3/4 | 4,089.81 | 3/4 | 3,871.06 | 3/4 | 3,651.79 | 3/4 | 3,384.60 | 3/4 | 3,028.46 | 3/4 | 2,671.65 | 3/4 | 2,314.65 |
| 3 | 3 | 3 | 3 | 3 | 4,304.00 | 3 | 4,085.25 | 3 | 3,866.50 | 3 | 3,647.22 | 3 | 3,377.20 | 3 | 3,021.02 | 3 | 2,664.22 | 3 | 2,307.20 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,299.45 | 1/4 | 4,080.70 | 1/4 | 3,861.95 | 1/4 | 3,642.65 | 1/4 | 3,369.80 | 1/4 | 3,013.59 | 1/4 | 2,656.78 | 1/4 | 2,299.76 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,294.89 | 1/2 | 4,076.14 | 1/2 | 3,857.39 | 1/2 | 3,638.08 | 1/2 | 3,362.40 | 1/2 | 3,006.16 | 1/2 | 2,649.35 | 1/2 | 2,292.32 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,290.33 | 3/4 | 4,071.58 | 3/4 | 3,852.83 | 3/4 | 3,633.51 | 3/4 | 3,354.99 | 3/4 | 2,998.72 | 3/4 | 2,641.92 | 3/4 | 2,284.87 |
| 4 | 4 | 4 | 4 | 4 | 4,285.77 | 4 | 4,067.02 | 4 | 3,848.27 | 4 | 3,628.94 | 4 | 3,347.59 | 4 | 2,991.29 | 4 | 2,634.48 | 4 | 2,277.43 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,281.22 | 1/4 | 4,062.47 | 1/4 | 3,843.72 | 1/4 | 3,624.37 | 1/4 | 3,340.18 | 1/4 | 2,983.86 | 1/4 | 2,627.05 | 1/4 | 2,269.98 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,276.66 | 1/2 | 4,057.91 | 1/2 | 3,839.16 | 1/2 | 3,619.80 | 1/2 | 3,332.78 | 1/2 | 2,976.42 | 1/2 | 2,619.61 | 1/2 | 2,262.54 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,272.10 | 3/4 | 4,053.35 | 3/4 | 3,834.59 | 3/4 | 3,615.23 | 3/4 | 3,325.37 | 3/4 | 2,968.99 | 3/4 | 2,612.18 | 3/4 | 2,255.10 |
| 5 | 5 | 5 | 5 | 5 | 4,267.54 | 5 | 4,048.79 | 5 | 3,830.02 | 5 | 3,610.66 | 5 | 3,317.97 | 5 | 2,961.56 | 5 | 2,604.74 | 5 | 2,247.65 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,262.99 | 1/4 | 4,044.24 | 1/4 | 3,825.45 | 1/4 | 3,606.09 | 1/4 | 3,310.56 | 1/4 | 2,954.12 | 1/4 | 2,597.31 | 1/4 | 2,240.21 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,467.75 | 1/2 | 4,258.43 | 1/2 | 4,039.68 | 1/2 | 3,820.88 | 1/2 | 3,601.52 | 1/2 | 3,303.16 | 1/2 | 2,946.69 | 1/2 | 2,589.88 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,464.57 | 3/4 | 4,253.87 | 3/4 | 4,035.12 | 3/4 | 3,816.31 | 3/4 | 3,596.95 | 3/4 | 3,295.75 | 3/4 | 2,939.26 | 3/4 | 2,582.44 |
| 6 | 6 | 6 | 6 | 6 | 4,461.39 | 6 | 4,249.32 | 6 | 4,030.57 | 6 | 3,811.74 | 6 | 3,592.38 | 6 | 3,288.35 | 6 | 2,931.82 | 6 | 2,575.01 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,458.21 | 1/4 | 4,244.76 | 1/4 | 4,026.01 | 1/4 | 3,807.17 | 1/4 | 3,587.81 | 1/4 | 3,280.94 | 1/4 | 2,924.39 | 1/4 | 2,567.57 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,455.03 | 1/2 | 4,240.20 | 1/2 | 4,021.45 | 1/2 | 3,802.60 | 1/2 | 3,583.24 | 1/2 | 3,273.54 | 1/2 | 2,916.96 | 1/2 | 2,560.14 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,451.09 | 3/4 | 4,235.64 | 3/4 | 4,016.89 | 3/4 | 3,798.03 | 3/4 | 3,578.67 | 3/4 | 3,266.13 | 3/4 | 2,909.52 | 3/4 | 2,552.71 |
| 7 | 7 | 7 | 7 | 7 | 4,447.14 | 7 | 4,231.09 | 7 | 4,012.34 | 7 | 3,793.46 | 7 | 3,574.10 | 7 | 3,258.73 | 7 | 2,902.09 | 7 | 2,545.27 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,443.20 | 1/4 | 4,226.53 | 1/4 | 4,007.78 | 1/4 | 3,788.89 | 1/4 | 3,569.53 | 1/4 | 3,251.32 | 1/4 | 2,894.66 | 1/4 | 2,537.84 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,439.26 | 1/2 | 4,221.97 | 1/2 | 4,003.22 | 1/2 | 3,784.32 | 1/2 | 3,564.96 | 1/2 | 3,243.92 | 1/2 | 2,887.22 | 1/2 | 2,530.40 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,434.79 | 3/4 | 4,217.41 | 3/4 | 3,998.66 | 3/4 | 3,779.75 | 3/4 | 3,560.16 | 3/4 | 3,236.51 | 3/4 | 2,879.79 | 3/4 | 2,522.97 |
| 8 | 8 | 8 | 8 | 8 | 4,430.32 | 8 | 4,212.86 | 8 | 3,994.11 | 8 | 3,775.18 | 8 | 3,555.35 | 8 | 3,229.11 | 8 | 2,872.35 | 8 | 2,515.53 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,425.85 | 1/4 | 4,208.30 | 1/4 | 3,989.55 | 1/4 | 3,770.61 | 1/4 | 3,550.54 | 1/4 | 3,221.70 | 1/4 | 2,864.92 | 1/4 | 2,508.10 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,421.38 | 1/2 | 4,203.74 | 1/2 | 3,984.99 | 1/2 | 3,766.04 | 1/2 | 3,545.73 | 1/2 | 3,214.30 | 1/2 | 2,857.49 | 1/2 | 2,500.67 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,416.88 | 3/4 | 4,199.19 | 3/4 | 3,980.44 | 3/4 | 3,761.47 | 3/4 | 3,540.48 | 3/4 | 3,206.86 | 3/4 | 2,850.05 | 3/4 | 2,493.23 |
| 9 | 9 | 9 | 9 | 9 | 4,412.37 | 9 | 4,194.63 | 9 | 3,975.88 | 9 | 3,756.90 | 9 | 3,535.23 | 9 | 3,199.43 | 9 | 2,842.62 | 9 | 2,485.80 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,407.87 | 1/4 | 4,190.07 | 1/4 | 3,971.32 | 1/4 | 3,752.33 | 1/4 | 3,529.98 | 1/4 | 3,192.00 | 1/4 | 2,835.19 | 1/4 | 2,478.36 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,403.36 | 1/2 | 4,185.51 | 1/2 | 3,966.76 | 1/2 | 3,747.76 | 1/2 | 3,524.72 | 1/2 | 3,184.56 | 1/2 | 2,827.75 | 1/2 | 2,470.93 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,398.85 | 3/4 | 4,180.96 | 3/4 | 3,962.21 | 3/4 | 3,743.19 | 3/4 | 3,519.00 | 3/4 | 3,177.13 | 3/4 | 2,820.32 | 3/4 | 2,463.49 |
| 10 | 10 | 10 | 10 | 10 | 4,394.34 | 10 | 4,176.40 | 10 | 3,957.65 | 10 | 3,738.62 | 10 | 3,513.27 | 10 | 3,169.69 | 10 | 2,812.89 | 10 | 2,456.06 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,389.83 | 1/4 | 4,171.84 | 1/4 | 3,953.09 | 1/4 | 3,734.05 | 1/4 | 3,507.54 | 1/4 | 3,162.26 | 1/4 | 2,805.45 | 1/4 | 2,448.63 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,385.31 | 1/2 | 4,167.28 | 1/2 | 3,948.53 | 1/2 | 3,729.48 | 1/2 | 3,501.81 | 1/2 | 3,154.83 | 1/2 | 2,798.02 | 1/2 | 2,441.19 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,380.80 | 3/4 | 4,162.73 | 3/4 | 3,943.98 | 3/4 | 3,724.91 | 3/4 | 3,495.60 | 3/4 | 3,147.39 | 3/4 | 2,790.59 | 3/4 | 2,433.75 |
| 11 | 11 | 11 | 11 | 11 | 4,376.29 | 11 | 4,158.17 | 11 | 3,939.42 | 11 | 3,720.34 | 11 | 3,489.39 | 11 | 3,139.96 | 11 | 2,783.15 | 11 | 2,426.30 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,371.77 | 1/4 | 4,153.61 | 1/4 | 3,934.86 | 1/4 | 3,715.77 | 1/4 | 3,483.18 | 1/4 | 3,132.53 | 1/4 | 2,775.72 | 1/4 | 2,418.86 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,367.26 | 1/2 | 4,149.06 | 1/2 | 3,930.30 | 1/2 | 3,711.20 | 1/2 | 3,476.97 | 1/2 | 3,125.09 | 1/2 | 2,768.29 | 1/2 | 2,411.42 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,362.75 | 3/4 | 4,144.50 | 3/4 | 3,925.75 | 3/4 | 3,706.63 | 3/4 | 3,470.29 | 3/4 | 3,117.66 | 3/4 | 2,760.85 | 3/4 | 2,403.97 |

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
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "CTC 29142"

3 STBD

ULLAGE TABLE HERMETIC

GAUGE HEIGHT 15'-08 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 2,039.23 | 0 | 1,681.92 | 0 | 1,324.62 | 0 | 967.63 | 0 | 610.54 | 0 | 253.25 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 2,031.78 | 1/4 | 1,674.48 | 1/4 | 1,317.18 | 1/4 | 960.20 | 1/4 | 603.10 | 1/4 | 245.80 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 2,024.34 | 1/2 | 1,667.04 | 1/2 | 1,309.73 | 1/2 | 952.77 | 1/2 | 595.65 | 1/2 | 238.36 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 2,016.90 | 3/4 | 1,659.59 | 3/4 | 1,302.29 | 3/4 | 945.34 | 3/4 | 588.21 | 3/4 | 230.92 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 2,009.45 | 1 | 1,652.15 | 1 | 1,294.85 | 1 | 937.91 | 1 | 580.77 | 1 | 223.47 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 2,002.01 | 1/4 | 1,644.71 | 1/4 | 1,287.40 | 1/4 | 930.48 | 1/4 | 573.32 | 1/4 | 216.03 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,994.56 | 1/2 | 1,637.26 | 1/2 | 1,279.96 | 1/2 | 923.05 | 1/2 | 565.88 | 1/2 | 208.59 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,987.12 | 3/4 | 1,629.82 | 3/4 | 1,272.52 | 3/4 | 915.63 | 3/4 | 558.43 | 3/4 | 201.14 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,979.68 | 2 | 1,622.37 | 2 | 1,265.07 | 2 | 908.20 | 2 | 550.99 | 2 | 193.70 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,972.23 | 1/4 | 1,614.93 | 1/4 | 1,257.63 | 1/4 | 900.77 | 1/4 | 543.55 | 1/4 | 186.25 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,964.79 | 1/2 | 1,607.49 | 1/2 | 1,250.18 | 1/2 | 893.34 | 1/2 | 536.10 | 1/2 | 178.81 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,957.35 | 3/4 | 1,600.04 | 3/4 | 1,242.74 | 3/4 | 885.91 | 3/4 | 528.66 | 3/4 | 171.37 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,949.90 | 3 | 1,592.60 | 3 | 1,235.30 | 3 | 878.48 | 3 | 521.22 | 3 | 163.92 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,942.46 | 1/4 | 1,585.16 | 1/4 | 1,227.85 | 1/4 | 871.05 | 1/4 | 513.77 | 1/4 | 156.48 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,935.01 | 1/2 | 1,577.71 | 1/2 | 1,220.41 | 1/2 | 863.62 | 1/2 | 506.33 | 1/2 | 149.04 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,927.57 | 3/4 | 1,570.27 | 3/4 | 1,212.97 | 3/4 | 856.18 | 3/4 | 498.89 | 3/4 | 141.59 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,920.13 | 4 | 1,562.82 | 4 | 1,205.52 | 4 | 848.73 | 4 | 491.44 | 4 | 134.15 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,912.68 | 1/4 | 1,555.38 | 1/4 | 1,198.08 | 1/4 | 841.29 | 1/4 | 484.00 | 1/4 | 126.71 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,905.24 | 1/2 | 1,547.94 | 1/2 | 1,190.63 | 1/2 | 833.85 | 1/2 | 476.55 | 1/2 | 119.27 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,897.79 | 3/4 | 1,540.49 | 3/4 | 1,183.19 | 3/4 | 826.40 | 3/4 | 469.11 | 3/4 | 111.83 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,890.35 | 5 | 1,533.05 | 5 | 1,175.75 | 5 | 818.96 | 5 | 461.67 | 5 | 104.40 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,882.91 | 1/4 | 1,525.60 | 1/4 | 1,168.30 | 1/4 | 811.52 | 1/4 | 454.22 | 1/4 | 96.97 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,875.46 | 1/2 | 1,518.16 | 1/2 | 1,160.86 | 1/2 | 804.07 | 1/2 | 446.78 | 1/2 | 89.54 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,868.02 | 3/4 | 1,510.72 | 3/4 | 1,153.42 | 3/4 | 796.63 | 3/4 | 439.34 | 3/4 | 82.13 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,860.58 | 6 | 1,503.27 | 6 | 1,145.98 | 6 | 789.19 | 6 | 431.89 | 6 | 74.72 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,853.13 | 1/4 | 1,495.83 | 1/4 | 1,138.54 | 1/4 | 781.74 | 1/4 | 424.45 | 1/4 | 67.31 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,845.69 | 1/2 | 1,488.39 | 1/2 | 1,131.11 | 1/2 | 774.30 | 1/2 | 417.01 | 1/2 | 59.91 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,838.24 | 3/4 | 1,480.94 | 3/4 | 1,123.67 | 3/4 | 766.86 | 3/4 | 409.56 | 3/4 | 53.40 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,830.80 | 7 | 1,473.50 | 7 | 1,116.23 | 7 | 759.41 | 7 | 402.12 | 7 | 46.88 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,823.36 | 1/4 | 1,466.05 | 1/4 | 1,108.79 | 1/4 | 751.97 | 1/4 | 394.68 | 1/4 | 40.37 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,815.91 | 1/2 | 1,458.61 | 1/2 | 1,101.35 | 1/2 | 744.52 | 1/2 | 387.23 | 1/2 | 33.86 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,808.47 | 3/4 | 1,451.17 | 3/4 | 1,093.92 | 3/4 | 737.08 | 3/4 | 379.79 | 3/4 | 29.21 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,801.03 | 8 | 1,443.72 | 8 | 1,086.49 | 8 | 729.64 | 8 | 372.34 | 8 | 24.56 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,793.58 | 1/4 | 1,436.28 | 1/4 | 1,079.07 | 1/4 | 722.19 | 1/4 | 364.90 | 1/4 | 19.90 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,786.14 | 1/2 | 1,428.84 | 1/2 | 1,071.64 | 1/2 | 714.75 | 1/2 | 357.46 | 1/2 | 15.25 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,778.69 | 3/4 | 1,421.39 | 3/4 | 1,064.21 | 3/4 | 707.31 | 3/4 | 350.01 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,771.25 | 9 | 1,413.95 | 9 | 1,056.78 | 9 | 699.86 | 9 | 342.57 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,763.81 | 1/4 | 1,406.50 | 1/4 | 1,049.35 | 1/4 | 692.42 | 1/4 | 335.13 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,756.36 | 1/2 | 1,399.06 | 1/2 | 1,041.92 | 1/2 | 684.98 | 1/2 | 327.68 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,748.92 | 3/4 | 1,391.62 | 3/4 | 1,034.49 | 3/4 | 677.53 | 3/4 | 320.24 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,741.48 | 10 | 1,384.17 | 10 | 1,027.06 | 10 | 670.09 | 10 | 312.80 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,734.03 | 1/4 | 1,376.73 | 1/4 | 1,019.63 | 1/4 | 662.64 | 1/4 | 305.35 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,726.59 | 1/2 | 1,369.29 | 1/2 | 1,012.20 | 1/2 | 655.20 | 1/2 | 297.91 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,719.14 | 3/4 | 1,361.84 | 3/4 | 1,004.77 | 3/4 | 647.76 | 3/4 | 290.46 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,711.70 | 11 | 1,354.40 | 11 | 997.35 | 11 | 640.31 | 11 | 283.02 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,704.26 | 1/4 | 1,346.95 | 1/4 | 989.92 | 1/4 | 632.87 | 1/4 | 275.58 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,696.81 | 1/2 | 1,339.51 | 1/2 | 982.49 | 1/2 | 625.43 | 1/2 | 268.13 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,689.37 | 3/4 | 1,332.07 | 3/4 | 975.06 | 3/4 | 617.98 | 3/4 | 260.69 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/21/2018 CL
CALCULATED: 01/07/2019 CL
PRINTED: 01/07/2019 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2019

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