



BARGE "DBL 314"

INNAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 252'-09"

September 23, 2019

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

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BARGE "DBL 314"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

| 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 | 21.49 | 0 | 357.03 | 0 | 720.16 | 0 | 1,084.30 | 0 | 1,448.45 | 0 | 1,812.84 | 0 | 2,177.24 | 0 | 2,541.64 | 0 | 2,905.93 | 0 | 3,270.20 |
| 1/4 | 25.75 | 1/4 | 364.48 | 1/4 | 727.75 | 1/4 | 1,091.88 | 1/4 | 1,456.04 | 1/4 | 1,820.44 | 1/4 | 2,184.83 | 1/4 | 2,549.23 | 1/4 | 2,913.52 | 1/4 | 3,277.79 |
| 1/2 | 30.00 | 1/2 | 371.92 | 1/2 | 735.34 | 1/2 | 1,099.46 | 1/2 | 1,463.63 | 1/2 | 1,828.03 | 1/2 | 2,192.42 | 1/2 | 2,556.82 | 1/2 | 2,921.11 | 1/2 | 3,285.37 |
| 3/4 | 34.26 | 3/4 | 379.36 | 3/4 | 742.93 | 3/4 | 1,107.04 | 3/4 | 1,471.22 | 3/4 | 1,835.62 | 3/4 | 2,200.02 | 3/4 | 2,564.41 | 3/4 | 2,928.70 | 3/4 | 3,292.96 |
| 1 | 38.51 | 1 | 386.81 | 1 | 750.52 | 1 | 1,114.62 | 1 | 1,478.81 | 1 | 1,843.21 | 1 | 2,207.61 | 1 | 2,572.00 | 1 | 2,936.29 | 1 | 3,300.55 |
| 1/4 | 44.03 | 1/4 | 394.25 | 1/4 | 758.11 | 1/4 | 1,122.20 | 1/4 | 1,486.41 | 1/4 | 1,850.80 | 1/4 | 2,215.20 | 1/4 | 2,579.60 | 1/4 | 2,943.88 | 1/4 | 3,308.14 |
| 1/2 | 49.55 | 1/2 | 401.69 | 1/2 | 765.70 | 1/2 | 1,129.78 | 1/2 | 1,494.00 | 1/2 | 1,858.39 | 1/2 | 2,222.79 | 1/2 | 2,587.19 | 1/2 | 2,951.47 | 1/2 | 3,315.73 |
| 3/4 | 55.07 | 3/4 | 409.14 | 3/4 | 773.30 | 3/4 | 1,137.36 | 3/4 | 1,501.59 | 3/4 | 1,865.99 | 3/4 | 2,230.38 | 3/4 | 2,594.78 | 3/4 | 2,959.06 | 3/4 | 3,323.32 |
| 2 | 60.59 | 2 | 416.58 | 2 | 780.89 | 2 | 1,144.94 | 2 | 1,509.18 | 2 | 1,873.58 | 2 | 2,237.97 | 2 | 2,602.37 | 2 | 2,966.64 | 2 | 3,330.91 |
| 1/4 | 67.38 | 1/4 | 424.15 | 1/4 | 788.48 | 1/4 | 1,152.52 | 1/4 | 1,516.77 | 1/4 | 1,881.17 | 1/4 | 2,245.57 | 1/4 | 2,609.96 | 1/4 | 2,974.23 | 1/4 | 3,338.50 |
| 1/2 | 74.16 | 1/2 | 431.72 | 1/2 | 796.07 | 1/2 | 1,160.10 | 1/2 | 1,524.36 | 1/2 | 1,888.76 | 1/2 | 2,253.16 | 1/2 | 2,617.55 | 1/2 | 2,981.82 | 1/2 | 3,346.08 |
| 3/4 | 80.95 | 3/4 | 439.30 | 3/4 | 803.66 | 3/4 | 1,167.67 | 3/4 | 1,531.96 | 3/4 | 1,896.35 | 3/4 | 2,260.75 | 3/4 | 2,625.15 | 3/4 | 2,989.41 | 3/4 | 3,353.67 |
| 3 | 87.74 | 3 | 446.87 | 3 | 811.25 | 3 | 1,175.25 | 3 | 1,539.55 | 3 | 1,903.94 | 3 | 2,268.34 | 3 | 2,632.74 | 3 | 2,997.00 | 3 | 3,361.26 |
| 1/4 | 95.23 | 1/4 | 454.46 | 1/4 | 818.84 | 1/4 | 1,182.83 | 1/4 | 1,547.14 | 1/4 | 1,911.54 | 1/4 | 2,275.93 | 1/4 | 2,640.33 | 1/4 | 3,004.59 | 1/4 | 3,368.85 |
| 1/2 | 102.73 | 1/2 | 462.05 | 1/2 | 826.44 | 1/2 | 1,190.41 | 1/2 | 1,554.73 | 1/2 | 1,919.13 | 1/2 | 2,283.52 | 1/2 | 2,647.91 | 1/2 | 3,012.18 | 1/2 | 3,376.44 |
| 3/4 | 110.23 | 3/4 | 469.64 | 3/4 | 834.03 | 3/4 | 1,197.99 | 3/4 | 1,562.32 | 3/4 | 1,926.72 | 3/4 | 2,291.12 | 3/4 | 2,655.50 | 3/4 | 3,019.77 | 3/4 | 3,384.03 |
| 4 | 117.72 | 4 | 477.24 | 4 | 841.62 | 4 | 1,205.57 | 4 | 1,569.91 | 4 | 1,934.31 | 4 | 2,298.71 | 4 | 2,663.09 | 4 | 3,027.35 | 4 | 3,391.62 |
| 1/4 | 125.30 | 1/4 | 484.83 | 1/4 | 849.21 | 1/4 | 1,213.15 | 1/4 | 1,577.51 | 1/4 | 1,941.90 | 1/4 | 2,306.30 | 1/4 | 2,670.68 | 1/4 | 3,034.94 | 1/4 | 3,399.21 |
| 1/2 | 132.88 | 1/2 | 492.42 | 1/2 | 856.80 | 1/2 | 1,220.73 | 1/2 | 1,585.10 | 1/2 | 1,949.49 | 1/2 | 2,313.89 | 1/2 | 2,678.27 | 1/2 | 3,042.53 | 1/2 | 3,406.79 |
| 3/4 | 140.45 | 3/4 | 500.01 | 3/4 | 864.39 | 3/4 | 1,228.31 | 3/4 | 1,592.69 | 3/4 | 1,957.09 | 3/4 | 2,321.48 | 3/4 | 2,685.86 | 3/4 | 3,050.12 | 3/4 | 3,414.38 |
| 5 | 148.03 | 5 | 507.60 | 5 | 871.98 | 5 | 1,235.89 | 5 | 1,600.28 | 5 | 1,964.68 | 5 | 2,329.07 | 5 | 2,693.45 | 5 | 3,057.71 | 5 | 3,421.97 |
| 1/4 | 155.61 | 1/4 | 515.19 | 1/4 | 879.57 | 1/4 | 1,243.48 | 1/4 | 1,607.87 | 1/4 | 1,972.27 | 1/4 | 2,336.67 | 1/4 | 2,701.04 | 1/4 | 3,065.30 | 1/4 | 3,429.56 |
| 1/2 | 163.18 | 1/2 | 522.78 | 1/2 | 887.17 | 1/2 | 1,251.07 | 1/2 | 1,615.46 | 1/2 | 1,979.86 | 1/2 | 2,344.26 | 1/2 | 2,708.63 | 1/2 | 3,072.89 | 1/2 | 3,437.15 |
| 3/4 | 170.76 | 3/4 | 530.37 | 3/4 | 894.76 | 3/4 | 1,258.66 | 3/4 | 1,623.05 | 3/4 | 1,987.45 | 3/4 | 2,351.85 | 3/4 | 2,716.21 | 3/4 | 3,080.48 | 3/4 | 3,444.74 |
| 6 | 178.34 | 6 | 537.97 | 6 | 902.35 | 6 | 1,266.25 | 6 | 1,630.65 | 6 | 1,995.04 | 6 | 2,359.44 | 6 | 2,723.80 | 6 | 3,088.07 | 6 | 3,452.33 |
| 1/4 | 185.80 | 1/4 | 545.56 | 1/4 | 909.94 | 1/4 | 1,273.84 | 1/4 | 1,638.24 | 1/4 | 2,002.63 | 1/4 | 2,367.03 | 1/4 | 2,731.39 | 1/4 | 3,095.65 | 1/4 | 3,459.92 |
| 1/2 | 193.26 | 1/2 | 553.15 | 1/2 | 917.53 | 1/2 | 1,281.43 | 1/2 | 1,645.83 | 1/2 | 2,010.23 | 1/2 | 2,374.62 | 1/2 | 2,738.98 | 1/2 | 3,103.24 | 1/2 | 3,467.51 |
| 3/4 | 200.71 | 3/4 | 560.74 | 3/4 | 925.12 | 3/4 | 1,289.02 | 3/4 | 1,653.42 | 3/4 | 2,017.82 | 3/4 | 2,382.21 | 3/4 | 2,746.57 | 3/4 | 3,110.83 | 3/4 | 3,475.09 |
| 7 | 208.17 | 7 | 568.33 | 7 | 932.71 | 7 | 1,296.62 | 7 | 1,661.01 | 7 | 2,025.41 | 7 | 2,389.81 | 7 | 2,754.16 | 7 | 3,118.42 | 7 | 3,482.68 |
| 1/4 | 215.62 | 1/4 | 575.92 | 1/4 | 940.29 | 1/4 | 1,304.21 | 1/4 | 1,668.60 | 1/4 | 2,033.00 | 1/4 | 2,397.40 | 1/4 | 2,761.75 | 1/4 | 3,126.01 | 1/4 | 3,490.27 |
| 1/2 | 223.06 | 1/2 | 583.51 | 1/2 | 947.87 | 1/2 | 1,311.80 | 1/2 | 1,676.20 | 1/2 | 2,040.59 | 1/2 | 2,404.99 | 1/2 | 2,769.34 | 1/2 | 3,133.60 | 1/2 | 3,497.86 |
| 3/4 | 230.50 | 3/4 | 591.10 | 3/4 | 955.46 | 3/4 | 1,319.39 | 3/4 | 1,683.79 | 3/4 | 2,048.18 | 3/4 | 2,412.58 | 3/4 | 2,776.92 | 3/4 | 3,141.19 | 3/4 | 3,505.45 |
| 8 | 237.95 | 8 | 598.70 | 8 | 963.04 | 8 | 1,326.98 | 8 | 1,691.38 | 8 | 2,055.78 | 8 | 2,420.17 | 8 | 2,784.51 | 8 | 3,148.78 | 8 | 3,513.04 |
| 1/4 | 245.39 | 1/4 | 606.29 | 1/4 | 970.62 | 1/4 | 1,334.57 | 1/4 | 1,698.97 | 1/4 | 2,063.37 | 1/4 | 2,427.76 | 1/4 | 2,792.10 | 1/4 | 3,156.36 | 1/4 | 3,520.63 |
| 1/2 | 252.83 | 1/2 | 613.88 | 1/2 | 978.19 | 1/2 | 1,342.17 | 1/2 | 1,706.56 | 1/2 | 2,070.96 | 1/2 | 2,435.36 | 1/2 | 2,799.69 | 1/2 | 3,163.95 | 1/2 | 3,528.22 |
| 3/4 | 260.28 | 3/4 | 621.47 | 3/4 | 985.77 | 3/4 | 1,349.76 | 3/4 | 1,714.15 | 3/4 | 2,078.55 | 3/4 | 2,442.95 | 3/4 | 2,807.28 | 3/4 | 3,171.54 | 3/4 | 3,535.80 |
| 9 | 267.72 | 9 | 629.06 | 9 | 993.35 | 9 | 1,357.35 | 9 | 1,721.75 | 9 | 2,086.14 | 9 | 2,450.54 | 9 | 2,814.87 | 9 | 3,179.13 | 9 | 3,543.39 |
| 1/4 | 275.16 | 1/4 | 636.65 | 1/4 | 1,000.93 | 1/4 | 1,364.94 | 1/4 | 1,729.34 | 1/4 | 2,093.73 | 1/4 | 2,458.13 | 1/4 | 2,822.46 | 1/4 | 3,186.72 | 1/4 | 3,550.98 |
| 1/2 | 282.60 | 1/2 | 644.24 | 1/2 | 1,008.51 | 1/2 | 1,372.53 | 1/2 | 1,736.93 | 1/2 | 2,101.33 | 1/2 | 2,465.72 | 1/2 | 2,830.05 | 1/2 | 3,194.31 | 1/2 | 3,558.57 |
| 3/4 | 290.05 | 3/4 | 651.84 | 3/4 | 1,016.09 | 3/4 | 1,380.12 | 3/4 | 1,744.52 | 3/4 | 2,108.92 | 3/4 | 2,473.31 | 3/4 | 2,837.63 | 3/4 | 3,201.90 | 3/4 | 3,566.16 |
| 10 | 297.49 | 10 | 659.43 | 10 | 1,023.67 | 10 | 1,387.72 | 10 | 1,752.11 | 10 | 2,116.51 | 10 | 2,480.91 | 10 | 2,845.22 | 10 | 3,209.49 | 10 | 3,573.75 |
| 1/4 | 304.93 | 1/4 | 667.02 | 1/4 | 1,031.25 | 1/4 | 1,395.31 | 1/4 | 1,759.70 | 1/4 | 2,124.10 | 1/4 | 2,488.50 | 1/4 | 2,852.81 | 1/4 | 3,217.07 | 1/4 | 3,581.34 |
| 1/2 | 312.38 | 1/2 | 674.61 | 1/2 | 1,038.83 | 1/2 | 1,402.90 | 1/2 | 1,767.30 | 1/2 | 2,131.69 | 1/2 | 2,496.09 | 1/2 | 2,860.40 | 1/2 | 3,224.66 | 1/2 | 3,588.93 |
| 3/4 | 319.82 | 3/4 | 682.20 | 3/4 | 1,046.41 | 3/4 | 1,410.49 | 3/4 | 1,774.89 | 3/4 | 2,139.28 | 3/4 | 2,503.68 | 3/4 | 2,867.99 | 3/4 | 3,232.25 | 3/4 | 3,596.51 |
| 11 | 327.26 | 11 | 689.79 | 11 | 1,053.99 | 11 | 1,418.08 | 11 | 1,782.48 | 11 | 2,146.88 | 11 | 2,511.27 | 11 | 2,875.58 | 11 | 3,239.84 | 11 | 3,604.10 |
| 1/4 | 334.71 | 1/4 | 697.38 | 1/4 | 1,061.57 | 1/4 | 1,425.67 | 1/4 | 1,790.07 | 1/4 | 2,154.47 | 1/4 | 2,518.86 | 1/4 | 2,883.17 | 1/4 | 3,247.43 | 1/4 | 3,611.69 |
| 1/2 | 342.15 | 1/2 | 704.97 | 1/2 | 1,069.14 | 1/2 | 1,433.26 | 1/2 | 1,797.66 | 1/2 | 2,162.06 | 1/2 | 2,526.46 | 1/2 | 2,890.76 | 1/2 | 3,255.02 | 1/2 | 3,619.28 |
| 3/4 | 349.59 | 3/4 | 712.57 | 3/4 | 1,076.72 | 3/4 | 1,440.86 | 3/4 | 1,805.25 | 3/4 | 2,169.65 | 3/4 | 2,534.05 | 3/4 | 2,898.35 | 3/4 | 3,262.61 | 3/4 | 3,626.87 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "DBL 314"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,634.46 | 0 | 3,998.72 | 0 | 4,362.29 | 0 | 4,712.36 | 0 | 5,044.05 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,642.05 | 1/4 | 4,006.31 | 1/4 | 4,369.75 | 1/4 | 4,719.45 | 1/4 | 5,051.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,649.64 | 1/2 | 4,013.90 | 1/2 | 4,377.22 | 1/2 | 4,726.53 | 1/2 | 5,058.93 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.23 | 3/4 | 4,021.49 | 3/4 | 4,384.69 | 3/4 | 4,733.62 | 3/4 | 5,066.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,664.81 | 1 | 4,029.08 | 1 | 4,392.16 | 1 | 4,740.71 | 1 | 5,073.80 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,672.40 | 1/4 | 4,036.67 | 1/4 | 4,399.59 | 1/4 | 4,747.73 | 1/4 | 5,081.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,679.99 | 1/2 | 4,044.25 | 1/2 | 4,407.03 | 1/2 | 4,754.76 | 1/2 | 5,088.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,687.58 | 3/4 | 4,051.84 | 3/4 | 4,414.47 | 3/4 | 4,761.79 | 3/4 | 5,096.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,695.17 | 2 | 4,059.43 | 2 | 4,421.91 | 2 | 4,768.81 | 2 | 5,103.76 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,702.76 | 1/4 | 4,067.02 | 1/4 | 4,429.31 | 1/4 | 4,775.80 | 1/4 | 5,111.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,710.35 | 1/2 | 4,074.61 | 1/2 | 4,436.72 | 1/2 | 4,782.80 | 1/2 | 5,118.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,717.94 | 3/4 | 4,082.20 | 3/4 | 4,444.13 | 3/4 | 4,789.79 | 3/4 | 5,126.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,725.52 | 3 | 4,089.79 | 3 | 4,451.54 | 3 | 4,796.78 | 3 | 5,133.72 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,733.11 | 1/4 | 4,097.38 | 1/4 | 4,458.91 | 1/4 | 4,803.74 | 1/4 | 5,141.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,740.70 | 1/2 | 4,104.96 | 1/2 | 4,466.28 | 1/2 | 4,810.70 | 1/2 | 5,148.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,748.29 | 3/4 | 4,112.55 | 3/4 | 4,473.66 | 3/4 | 4,817.66 | 3/4 | 5,156.19 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,755.88 | 4 | 4,120.14 | 4 | 4,481.03 | 4 | 4,824.63 | 4 | 5,163.68 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,763.47 | 1/4 | 4,127.73 | 1/4 | 4,488.37 | 1/4 | 4,831.55 | 1/4 | 5,171.17 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,771.06 | 1/2 | 4,135.32 | 1/2 | 4,495.71 | 1/2 | 4,838.48 | 1/2 | 5,178.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,778.65 | 3/4 | 4,142.91 | 3/4 | 4,503.05 | 3/4 | 4,845.41 | 3/4 | 5,186.15 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,786.23 | 5 | 4,150.50 | 5 | 4,510.39 | 5 | 4,852.34 | 5 | 5,193.64 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,793.82 | 1/4 | 4,158.09 | 1/4 | 4,517.70 | 1/4 | 4,859.23 | 1/4 | 5,200.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,801.41 | 1/2 | 4,165.67 | 1/2 | 4,525.01 | 1/2 | 4,866.13 | 1/2 | 5,208.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,809.00 | 3/4 | 4,173.26 | 3/4 | 4,532.32 | 3/4 | 4,873.02 | 3/4 | 5,215.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,816.59 | 6 | 4,180.85 | 6 | 4,539.63 | 6 | 4,879.92 | 6 | 5,223.05 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,824.18 | 1/4 | 4,188.44 | 1/4 | 4,546.90 | 1/4 | 4,886.78 | 1/4 | 5,229.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,831.77 | 1/2 | 4,196.03 | 1/2 | 4,554.18 | 1/2 | 4,893.64 | 1/2 | 5,235.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,839.36 | 3/4 | 4,203.62 | 3/4 | 4,561.46 | 3/4 | 4,900.51 | 3/4 | 5,242.14 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,846.95 | 7 | 4,211.21 | 7 | 4,568.74 | 7 | 4,907.37 | 7 | 5,248.50 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,854.53 | 1/4 | 4,218.80 | 1/4 | 4,575.98 | 1/4 | 4,914.20 | 1/4 | 5,253.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,862.12 | 1/2 | 4,226.39 | 1/2 | 4,583.23 | 1/2 | 4,921.03 | 1/2 | 5,258.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,869.71 | 3/4 | 4,233.97 | 3/4 | 4,590.48 | 3/4 | 4,927.87 | 3/4 | 5,263.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,877.30 | 8 | 4,241.56 | 8 | 4,597.72 | 8 | 4,934.70 | 8 | 5,269.07 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,884.89 | 1/4 | 4,249.15 | 1/4 | 4,604.93 | 1/4 | 4,941.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,892.48 | 1/2 | 4,256.73 | 1/2 | 4,612.14 | 1/2 | 4,948.31 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,900.07 | 3/4 | 4,264.31 | 3/4 | 4,619.35 | 3/4 | 4,955.11 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,907.66 | 9 | 4,271.90 | 9 | 4,626.56 | 9 | 4,961.91 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,915.24 | 1/4 | 4,279.46 | 1/4 | 4,633.74 | 1/4 | 4,968.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,922.83 | 1/2 | 4,287.03 | 1/2 | 4,640.92 | 1/2 | 4,975.45 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,930.42 | 3/4 | 4,294.59 | 3/4 | 4,648.10 | 3/4 | 4,982.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,938.01 | 10 | 4,302.16 | 10 | 4,655.28 | 10 | 4,989.00 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,945.60 | 1/4 | 4,309.69 | 1/4 | 4,662.43 | 1/4 | 4,995.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,953.19 | 1/2 | 4,317.23 | 1/2 | 4,669.58 | 1/2 | 5,002.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,960.78 | 3/4 | 4,324.76 | 3/4 | 4,676.73 | 3/4 | 5,009.21 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,968.37 | 11 | 4,332.29 | 11 | 4,683.88 | 11 | 5,015.95 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,975.95 | 1/4 | 4,339.79 | 1/4 | 4,691.00 | 1/4 | 5,022.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,983.54 | 1/2 | 4,347.29 | 1/2 | 4,698.12 | 1/2 | 5,030.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,991.13 | 3/4 | 4,354.79 | 3/4 | 4,705.24 | 3/4 | 5,037.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2019 SW JS
CALCULATED: 09/25/2019 CL
PRINTED: 09/27/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "DBL 314"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| 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 | 21.37 | 0 | 355.01 | 0 | 716.08 | 0 | 1,077.23 | 0 | 1,438.35 | 0 | 1,800.68 | 0 | 2,163.01 | 0 | 2,525.35 | 0 | 2,887.38 | 0 | 3,249.58 |
| 1/4 | 25.60 | 1/4 | 362.41 | 1/4 | 723.62 | 1/4 | 1,084.73 | 1/4 | 1,445.90 | 1/4 | 1,808.23 | 1/4 | 2,170.56 | 1/4 | 2,532.90 | 1/4 | 2,894.93 | 1/4 | 3,257.12 |
| 1/2 | 29.83 | 1/2 | 369.81 | 1/2 | 731.17 | 1/2 | 1,092.23 | 1/2 | 1,453.45 | 1/2 | 1,815.78 | 1/2 | 2,178.11 | 1/2 | 2,540.44 | 1/2 | 2,902.47 | 1/2 | 3,264.67 |
| 3/4 | 34.06 | 3/4 | 377.21 | 3/4 | 738.72 | 3/4 | 1,099.72 | 3/4 | 1,460.99 | 3/4 | 1,823.33 | 3/4 | 2,185.66 | 3/4 | 2,547.99 | 3/4 | 2,910.02 | 3/4 | 3,272.22 |
| 1 | 38.30 | 1 | 384.61 | 1 | 746.27 | 1 | 1,107.22 | 1 | 1,468.54 | 1 | 1,830.88 | 1 | 2,193.21 | 1 | 2,555.54 | 1 | 2,917.56 | 1 | 3,279.76 |
| 1/4 | 43.78 | 1/4 | 392.02 | 1/4 | 753.82 | 1/4 | 1,114.72 | 1/4 | 1,476.09 | 1/4 | 1,838.42 | 1/4 | 2,200.76 | 1/4 | 2,563.09 | 1/4 | 2,925.11 | 1/4 | 3,287.31 |
| 1/2 | 49.27 | 1/2 | 399.42 | 1/2 | 761.37 | 1/2 | 1,122.21 | 1/2 | 1,483.64 | 1/2 | 1,845.97 | 1/2 | 2,208.31 | 1/2 | 2,570.64 | 1/2 | 2,932.65 | 1/2 | 3,294.85 |
| 3/4 | 54.76 | 3/4 | 406.82 | 3/4 | 768.91 | 3/4 | 1,129.71 | 3/4 | 1,491.19 | 3/4 | 1,853.52 | 3/4 | 2,215.85 | 3/4 | 2,578.19 | 3/4 | 2,940.20 | 3/4 | 3,302.40 |
| 2 | 60.25 | 2 | 414.22 | 2 | 776.46 | 2 | 1,137.21 | 2 | 1,498.74 | 2 | 1,861.07 | 2 | 2,223.40 | 2 | 2,585.74 | 2 | 2,947.75 | 2 | 3,309.94 |
| 1/4 | 67.00 | 1/4 | 421.75 | 1/4 | 784.01 | 1/4 | 1,144.71 | 1/4 | 1,506.29 | 1/4 | 1,868.62 | 1/4 | 2,230.95 | 1/4 | 2,593.28 | 1/4 | 2,955.29 | 1/4 | 3,317.49 |
| 1/2 | 73.74 | 1/2 | 429.28 | 1/2 | 791.56 | 1/2 | 1,152.20 | 1/2 | 1,513.83 | 1/2 | 1,876.17 | 1/2 | 2,238.50 | 1/2 | 2,600.83 | 1/2 | 2,962.84 | 1/2 | 3,325.04 |
| 3/4 | 80.49 | 3/4 | 436.81 | 3/4 | 799.11 | 3/4 | 1,159.70 | 3/4 | 1,521.38 | 3/4 | 1,883.72 | 3/4 | 2,246.05 | 3/4 | 2,608.38 | 3/4 | 2,970.38 | 3/4 | 3,332.58 |
| 3 | 87.24 | 3 | 444.34 | 3 | 806.66 | 3 | 1,167.20 | 3 | 1,528.93 | 3 | 1,891.26 | 3 | 2,253.60 | 3 | 2,615.93 | 3 | 2,977.93 | 3 | 3,340.13 |
| 1/4 | 94.69 | 1/4 | 451.89 | 1/4 | 814.20 | 1/4 | 1,174.69 | 1/4 | 1,536.48 | 1/4 | 1,898.81 | 1/4 | 2,261.15 | 1/4 | 2,623.48 | 1/4 | 2,985.48 | 1/4 | 3,347.67 |
| 1/2 | 102.15 | 1/2 | 459.43 | 1/2 | 821.75 | 1/2 | 1,182.19 | 1/2 | 1,544.03 | 1/2 | 1,906.36 | 1/2 | 2,268.69 | 1/2 | 2,631.02 | 1/2 | 2,993.02 | 1/2 | 3,355.22 |
| 3/4 | 109.60 | 3/4 | 466.98 | 3/4 | 829.30 | 3/4 | 1,189.69 | 3/4 | 1,551.58 | 3/4 | 1,913.91 | 3/4 | 2,276.24 | 3/4 | 2,638.57 | 3/4 | 3,000.57 | 3/4 | 3,362.77 |
| 4 | 117.06 | 4 | 474.53 | 4 | 836.85 | 4 | 1,197.18 | 4 | 1,559.13 | 4 | 1,921.46 | 4 | 2,283.79 | 4 | 2,646.11 | 4 | 3,008.11 | 4 | 3,370.31 |
| 1/4 | 124.59 | 1/4 | 482.08 | 1/4 | 844.40 | 1/4 | 1,204.68 | 1/4 | 1,566.67 | 1/4 | 1,929.01 | 1/4 | 2,291.34 | 1/4 | 2,653.65 | 1/4 | 3,015.66 | 1/4 | 3,377.86 |
| 1/2 | 132.12 | 1/2 | 489.63 | 1/2 | 851.95 | 1/2 | 1,212.18 | 1/2 | 1,574.22 | 1/2 | 1,936.56 | 1/2 | 2,298.89 | 1/2 | 2,661.18 | 1/2 | 3,023.20 | 1/2 | 3,385.40 |
| 3/4 | 139.66 | 3/4 | 497.18 | 3/4 | 859.49 | 3/4 | 1,219.67 | 3/4 | 1,581.77 | 3/4 | 1,944.10 | 3/4 | 2,306.44 | 3/4 | 2,668.72 | 3/4 | 3,030.75 | 3/4 | 3,392.95 |
| 5 | 147.19 | 5 | 504.72 | 5 | 867.04 | 5 | 1,227.17 | 5 | 1,589.32 | 5 | 1,951.65 | 5 | 2,313.99 | 5 | 2,676.25 | 5 | 3,038.30 | 5 | 3,400.49 |
| 1/4 | 154.72 | 1/4 | 512.27 | 1/4 | 874.59 | 1/4 | 1,234.68 | 1/4 | 1,596.87 | 1/4 | 1,959.20 | 1/4 | 2,321.53 | 1/4 | 2,683.78 | 1/4 | 3,045.84 | 1/4 | 3,408.04 |
| 1/2 | 162.26 | 1/2 | 519.82 | 1/2 | 882.14 | 1/2 | 1,242.19 | 1/2 | 1,604.42 | 1/2 | 1,966.75 | 1/2 | 2,329.08 | 1/2 | 2,691.32 | 1/2 | 3,053.39 | 1/2 | 3,415.59 |
| 3/4 | 169.79 | 3/4 | 527.37 | 3/4 | 889.69 | 3/4 | 1,249.69 | 3/4 | 1,611.97 | 3/4 | 1,974.30 | 3/4 | 2,336.63 | 3/4 | 2,698.85 | 3/4 | 3,060.93 | 3/4 | 3,423.13 |
| 6 | 177.33 | 6 | 534.92 | 6 | 897.24 | 6 | 1,257.20 | 6 | 1,619.51 | 6 | 1,981.85 | 6 | 2,344.18 | 6 | 2,706.38 | 6 | 3,068.48 | 6 | 3,430.68 |
| 1/4 | 184.74 | 1/4 | 542.47 | 1/4 | 904.75 | 1/4 | 1,264.75 | 1/4 | 1,627.06 | 1/4 | 1,989.40 | 1/4 | 2,351.73 | 1/4 | 2,713.92 | 1/4 | 3,076.03 | 1/4 | 3,438.22 |
| 1/2 | 192.16 | 1/2 | 550.01 | 1/2 | 912.26 | 1/2 | 1,272.29 | 1/2 | 1,634.61 | 1/2 | 1,996.94 | 1/2 | 2,359.28 | 1/2 | 2,721.45 | 1/2 | 3,083.57 | 1/2 | 3,445.77 |
| 3/4 | 199.58 | 3/4 | 557.56 | 3/4 | 919.78 | 3/4 | 1,279.83 | 3/4 | 1,642.16 | 3/4 | 2,004.49 | 3/4 | 2,366.83 | 3/4 | 2,728.99 | 3/4 | 3,091.12 | 3/4 | 3,453.32 |
| 7 | 207.00 | 7 | 565.11 | 7 | 927.29 | 7 | 1,287.38 | 7 | 1,649.71 | 7 | 2,012.04 | 7 | 2,374.37 | 7 | 2,736.52 | 7 | 3,098.66 | 7 | 3,460.86 |
| 1/4 | 214.40 | 1/4 | 572.66 | 1/4 | 934.79 | 1/4 | 1,294.93 | 1/4 | 1,657.26 | 1/4 | 2,019.59 | 1/4 | 2,381.92 | 1/4 | 2,744.05 | 1/4 | 3,106.21 | 1/4 | 3,468.41 |
| 1/2 | 221.80 | 1/2 | 580.21 | 1/2 | 942.29 | 1/2 | 1,302.47 | 1/2 | 1,664.81 | 1/2 | 2,027.14 | 1/2 | 2,389.47 | 1/2 | 2,751.59 | 1/2 | 3,113.75 | 1/2 | 3,475.95 |
| 3/4 | 229.20 | 3/4 | 587.75 | 3/4 | 949.78 | 3/4 | 1,310.02 | 3/4 | 1,672.36 | 3/4 | 2,034.69 | 3/4 | 2,397.02 | 3/4 | 2,759.12 | 3/4 | 3,121.30 | 3/4 | 3,483.50 |
| 8 | 236.60 | 8 | 595.30 | 8 | 957.28 | 8 | 1,317.57 | 8 | 1,679.90 | 8 | 2,042.24 | 8 | 2,404.57 | 8 | 2,766.65 | 8 | 3,128.85 | 8 | 3,491.04 |
| 1/4 | 244.00 | 1/4 | 602.85 | 1/4 | 964.78 | 1/4 | 1,325.12 | 1/4 | 1,687.45 | 1/4 | 2,049.79 | 1/4 | 2,412.12 | 1/4 | 2,774.20 | 1/4 | 3,136.39 | 1/4 | 3,498.59 |
| 1/2 | 251.40 | 1/2 | 610.40 | 1/2 | 972.28 | 1/2 | 1,332.67 | 1/2 | 1,695.00 | 1/2 | 2,057.33 | 1/2 | 2,419.67 | 1/2 | 2,781.74 | 1/2 | 3,143.94 | 1/2 | 3,506.14 |
| 3/4 | 258.80 | 3/4 | 617.95 | 3/4 | 979.77 | 3/4 | 1,340.22 | 3/4 | 1,702.55 | 3/4 | 2,064.88 | 3/4 | 2,427.22 | 3/4 | 2,789.29 | 3/4 | 3,151.48 | 3/4 | 3,513.68 |
| 9 | 266.20 | 9 | 625.50 | 9 | 987.27 | 9 | 1,347.77 | 9 | 1,710.10 | 9 | 2,072.43 | 9 | 2,434.76 | 9 | 2,796.83 | 9 | 3,159.03 | 9 | 3,521.23 |
| 1/4 | 273.60 | 1/4 | 633.04 | 1/4 | 994.77 | 1/4 | 1,355.31 | 1/4 | 1,717.65 | 1/4 | 2,079.98 | 1/4 | 2,442.31 | 1/4 | 2,804.38 | 1/4 | 3,166.57 | 1/4 | 3,528.77 |
| 1/2 | 281.00 | 1/2 | 640.59 | 1/2 | 1,002.26 | 1/2 | 1,362.86 | 1/2 | 1,725.20 | 1/2 | 2,087.53 | 1/2 | 2,449.86 | 1/2 | 2,811.92 | 1/2 | 3,174.12 | 1/2 | 3,536.32 |
| 3/4 | 288.40 | 3/4 | 648.14 | 3/4 | 1,009.76 | 3/4 | 1,370.41 | 3/4 | 1,732.74 | 3/4 | 2,095.08 | 3/4 | 2,457.41 | 3/4 | 2,819.47 | 3/4 | 3,181.67 | 3/4 | 3,543.86 |
| 10 | 295.80 | 10 | 655.69 | 10 | 1,017.26 | 10 | 1,377.96 | 10 | 1,740.29 | 10 | 2,102.63 | 10 | 2,464.96 | 10 | 2,827.01 | 10 | 3,189.21 | 10 | 3,551.41 |
| 1/4 | 303.21 | 1/4 | 663.24 | 1/4 | 1,024.75 | 1/4 | 1,385.51 | 1/4 | 1,747.84 | 1/4 | 2,110.17 | 1/4 | 2,472.51 | 1/4 | 2,834.56 | 1/4 | 3,196.76 | 1/4 | 3,558.96 |
| 1/2 | 310.61 | 1/2 | 670.79 | 1/2 | 1,032.25 | 1/2 | 1,393.06 | 1/2 | 1,755.39 | 1/2 | 2,117.72 | 1/2 | 2,480.06 | 1/2 | 2,842.11 | 1/2 | 3,204.30 | 1/2 | 3,566.50 |
| 3/4 | 318.01 | 3/4 | 678.33 | 3/4 | 1,039.75 | 3/4 | 1,400.61 | 3/4 | 1,762.94 | 3/4 | 2,125.27 | 3/4 | 2,487.60 | 3/4 | 2,849.65 | 3/4 | 3,211.85 | 3/4 | 3,574.05 |
| 11 | 325.41 | 11 | 685.88 | 11 | 1,047.25 | 11 | 1,408.15 | 11 | 1,770.49 | 11 | 2,132.82 | 11 | 2,495.15 | 11 | 2,857.20 | 11 | 3,219.40 | 11 | 3,581.59 |
| 1/4 | 332.81 | 1/4 | 693.43 | 1/4 | 1,054.74 | 1/4 | 1,415.70 | 1/4 | 1,778.04 | 1/4 | 2,140.37 | 1/4 | 2,502.70 | 1/4 | 2,864.74 | 1/4 | 3,226.94 | 1/4 | 3,589.14 |
| 1/2 | 340.21 | 1/2 | 700.98 | 1/2 | 1,062.24 | 1/2 | 1,423.25 | 1/2 | 1,785.58 | 1/2 | 2,147.92 | 1/2 | 2,510.25 | 1/2 | 2,872.29 | 1/2 | 3,234.49 | 1/2 | 3,596.69 |
| 3/4 | 347.61 | 3/4 | 708.53 | 3/4 | 1,069.74 | 3/4 | 1,430.80 | 3/4 | 1,793.13 | 3/4 | 2,155.47 | 3/4 | 2,517.80 | 3/4 | 2,879.83 | 3/4 | 3,242.03 | 3/4 | 3,604.23 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 314"

1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,611.78 | 0 | 3,973.98 | 0 | 4,335.48 | 0 | 4,683.57 | 0 | 5,013.37 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,619.32 | 1/4 | 3,981.52 | 1/4 | 4,342.91 | 1/4 | 4,690.62 | 1/4 | 5,020.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,626.87 | 1/2 | 3,989.07 | 1/2 | 4,350.33 | 1/2 | 4,697.66 | 1/2 | 5,028.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,634.41 | 3/4 | 3,996.61 | 3/4 | 4,357.76 | 3/4 | 4,704.71 | 3/4 | 5,035.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,641.96 | 1 | 4,004.16 | 1 | 4,365.18 | 1 | 4,711.75 | 1 | 5,042.95 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,649.51 | 1/4 | 4,011.70 | 1/4 | 4,372.58 | 1/4 | 4,718.74 | 1/4 | 5,050.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,657.05 | 1/2 | 4,019.25 | 1/2 | 4,379.97 | 1/2 | 4,725.73 | 1/2 | 5,057.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,664.60 | 3/4 | 4,026.80 | 3/4 | 4,387.37 | 3/4 | 4,732.71 | 3/4 | 5,065.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,672.14 | 2 | 4,034.34 | 2 | 4,394.76 | 2 | 4,739.70 | 2 | 5,072.74 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,679.69 | 1/4 | 4,041.89 | 1/4 | 4,402.13 | 1/4 | 4,746.65 | 1/4 | 5,080.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,687.23 | 1/2 | 4,049.43 | 1/2 | 4,409.49 | 1/2 | 4,753.60 | 1/2 | 5,087.64 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,694.78 | 3/4 | 4,056.98 | 3/4 | 4,416.86 | 3/4 | 4,760.56 | 3/4 | 5,095.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,702.33 | 3 | 4,064.52 | 3 | 4,424.23 | 3 | 4,767.51 | 3 | 5,102.53 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,709.87 | 1/4 | 4,072.07 | 1/4 | 4,431.56 | 1/4 | 4,774.43 | 1/4 | 5,109.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,717.42 | 1/2 | 4,079.62 | 1/2 | 4,438.89 | 1/2 | 4,781.35 | 1/2 | 5,117.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,724.96 | 3/4 | 4,087.16 | 3/4 | 4,446.22 | 3/4 | 4,788.27 | 3/4 | 5,124.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,732.51 | 4 | 4,094.71 | 4 | 4,453.55 | 4 | 4,795.20 | 4 | 5,132.32 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,740.06 | 1/4 | 4,102.25 | 1/4 | 4,460.85 | 1/4 | 4,802.09 | 1/4 | 5,139.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,747.60 | 1/2 | 4,109.80 | 1/2 | 4,468.15 | 1/2 | 4,808.97 | 1/2 | 5,147.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,755.15 | 3/4 | 4,117.35 | 3/4 | 4,475.45 | 3/4 | 4,815.86 | 3/4 | 5,154.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,762.69 | 5 | 4,124.89 | 5 | 4,482.74 | 5 | 4,822.75 | 5 | 5,162.11 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,770.24 | 1/4 | 4,132.44 | 1/4 | 4,490.01 | 1/4 | 4,829.61 | 1/4 | 5,169.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,777.78 | 1/2 | 4,139.98 | 1/2 | 4,497.28 | 1/2 | 4,836.46 | 1/2 | 5,176.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,785.33 | 3/4 | 4,147.53 | 3/4 | 4,504.55 | 3/4 | 4,843.32 | 3/4 | 5,184.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,792.88 | 6 | 4,155.07 | 6 | 4,511.81 | 6 | 4,850.17 | 6 | 5,191.35 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,800.42 | 1/4 | 4,162.62 | 1/4 | 4,519.05 | 1/4 | 4,856.99 | 1/4 | 5,197.67 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,807.97 | 1/2 | 4,170.17 | 1/2 | 4,526.29 | 1/2 | 4,863.82 | 1/2 | 5,204.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,815.51 | 3/4 | 4,177.71 | 3/4 | 4,533.53 | 3/4 | 4,870.64 | 3/4 | 5,210.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,823.06 | 7 | 4,185.26 | 7 | 4,540.76 | 7 | 4,877.47 | 7 | 5,216.65 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,830.61 | 1/4 | 4,192.80 | 1/4 | 4,547.97 | 1/4 | 4,884.26 | 1/4 | 5,221.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,838.15 | 1/2 | 4,200.35 | 1/2 | 4,555.17 | 1/2 | 4,891.06 | 1/2 | 5,226.88 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,845.70 | 3/4 | 4,207.89 | 3/4 | 4,562.38 | 3/4 | 4,897.85 | 3/4 | 5,231.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,853.24 | 8 | 4,215.44 | 8 | 4,569.58 | 8 | 4,904.64 | 8 | 5,237.11 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,860.79 | 1/4 | 4,222.98 | 1/4 | 4,576.75 | 1/4 | 4,911.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,868.33 | 1/2 | 4,230.52 | 1/2 | 4,583.92 | 1/2 | 4,918.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,875.88 | 3/4 | 4,238.06 | 3/4 | 4,591.09 | 3/4 | 4,924.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,883.43 | 9 | 4,245.61 | 9 | 4,598.26 | 9 | 4,931.70 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,890.97 | 1/4 | 4,253.13 | 1/4 | 4,605.40 | 1/4 | 4,938.43 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,898.52 | 1/2 | 4,260.65 | 1/2 | 4,612.54 | 1/2 | 4,945.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,906.06 | 3/4 | 4,268.17 | 3/4 | 4,619.68 | 3/4 | 4,951.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,913.61 | 10 | 4,275.70 | 10 | 4,626.82 | 10 | 4,958.63 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,921.15 | 1/4 | 4,283.19 | 1/4 | 4,633.93 | 1/4 | 4,965.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,928.70 | 1/2 | 4,290.68 | 1/2 | 4,641.04 | 1/2 | 4,972.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,936.25 | 3/4 | 4,298.17 | 3/4 | 4,648.14 | 3/4 | 4,978.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,943.79 | 11 | 4,305.66 | 11 | 4,655.25 | 11 | 4,985.43 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,951.34 | 1/4 | 4,313.11 | 1/4 | 4,662.33 | 1/4 | 4,992.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,958.88 | 1/2 | 4,320.57 | 1/2 | 4,669.41 | 1/2 | 4,999.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,966.43 | 3/4 | 4,328.02 | 3/4 | 4,676.49 | 3/4 | 5,006.39 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2019 SW JS
CALCULATED: 09/25/2019 CL
PRINTED: 09/27/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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



BARGE "DBL 314"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| 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 | 21.37 | 0 | 354.98 | 0 | 716.03 | 0 | 1,078.09 | 0 | 1,440.15 | 0 | 1,802.47 | 0 | 2,164.78 | 0 | 2,527.09 | 0 | 2,889.31 | 0 | 3,251.49 |
| 1/4 | 25.60 | 1/4 | 362.38 | 1/4 | 723.57 | 1/4 | 1,085.63 | 1/4 | 1,447.70 | 1/4 | 1,810.01 | 1/4 | 2,172.33 | 1/4 | 2,534.64 | 1/4 | 2,896.85 | 1/4 | 3,259.04 |
| 1/2 | 29.83 | 1/2 | 369.78 | 1/2 | 731.12 | 1/2 | 1,093.16 | 1/2 | 1,455.25 | 1/2 | 1,817.56 | 1/2 | 2,179.88 | 1/2 | 2,542.19 | 1/2 | 2,904.40 | 1/2 | 3,266.58 |
| 3/4 | 34.06 | 3/4 | 377.18 | 3/4 | 738.67 | 3/4 | 1,100.70 | 3/4 | 1,462.80 | 3/4 | 1,825.11 | 3/4 | 2,187.42 | 3/4 | 2,549.74 | 3/4 | 2,911.95 | 3/4 | 3,274.13 |
| 1 | 38.30 | 1 | 384.58 | 1 | 746.22 | 1 | 1,108.24 | 1 | 1,470.34 | 1 | 1,832.66 | 1 | 2,194.97 | 1 | 2,557.29 | 1 | 2,919.49 | 1 | 3,281.68 |
| 1/4 | 43.78 | 1/4 | 391.98 | 1/4 | 753.76 | 1/4 | 1,115.77 | 1/4 | 1,477.89 | 1/4 | 1,840.21 | 1/4 | 2,202.52 | 1/4 | 2,564.83 | 1/4 | 2,927.04 | 1/4 | 3,289.22 |
| 1/2 | 49.27 | 1/2 | 399.38 | 1/2 | 761.31 | 1/2 | 1,123.31 | 1/2 | 1,485.44 | 1/2 | 1,847.75 | 1/2 | 2,210.07 | 1/2 | 2,572.38 | 1/2 | 2,934.58 | 1/2 | 3,296.77 |
| 3/4 | 54.76 | 3/4 | 406.78 | 3/4 | 768.86 | 3/4 | 1,130.84 | 3/4 | 1,492.99 | 3/4 | 1,855.30 | 3/4 | 2,217.62 | 3/4 | 2,579.93 | 3/4 | 2,942.13 | 3/4 | 3,304.31 |
| 2 | 60.25 | 2 | 414.18 | 2 | 776.41 | 2 | 1,138.38 | 2 | 1,500.54 | 2 | 1,862.85 | 2 | 2,225.16 | 2 | 2,587.48 | 2 | 2,949.67 | 2 | 3,311.86 |
| 1/4 | 66.99 | 1/4 | 421.71 | 1/4 | 783.96 | 1/4 | 1,145.92 | 1/4 | 1,508.09 | 1/4 | 1,870.40 | 1/4 | 2,232.71 | 1/4 | 2,595.03 | 1/4 | 2,957.22 | 1/4 | 3,319.40 |
| 1/2 | 73.74 | 1/2 | 429.24 | 1/2 | 791.50 | 1/2 | 1,153.45 | 1/2 | 1,515.63 | 1/2 | 1,877.95 | 1/2 | 2,240.26 | 1/2 | 2,602.57 | 1/2 | 2,964.76 | 1/2 | 3,326.95 |
| 3/4 | 80.49 | 3/4 | 436.77 | 3/4 | 799.05 | 3/4 | 1,160.99 | 3/4 | 1,523.18 | 3/4 | 1,885.50 | 3/4 | 2,247.81 | 3/4 | 2,610.12 | 3/4 | 2,972.31 | 3/4 | 3,334.49 |
| 3 | 87.23 | 3 | 444.30 | 3 | 806.60 | 3 | 1,168.52 | 3 | 1,530.73 | 3 | 1,893.04 | 3 | 2,255.36 | 3 | 2,617.67 | 3 | 2,979.86 | 3 | 3,342.04 |
| 1/4 | 94.69 | 1/4 | 451.85 | 1/4 | 814.15 | 1/4 | 1,176.06 | 1/4 | 1,538.28 | 1/4 | 1,900.59 | 1/4 | 2,262.91 | 1/4 | 2,625.22 | 1/4 | 2,987.40 | 1/4 | 3,349.58 |
| 1/2 | 102.14 | 1/2 | 459.40 | 1/2 | 821.70 | 1/2 | 1,183.60 | 1/2 | 1,545.83 | 1/2 | 1,908.14 | 1/2 | 2,270.45 | 1/2 | 2,632.76 | 1/2 | 2,994.95 | 1/2 | 3,357.13 |
| 3/4 | 109.60 | 3/4 | 466.94 | 3/4 | 829.24 | 3/4 | 1,191.13 | 3/4 | 1,553.37 | 3/4 | 1,915.69 | 3/4 | 2,278.00 | 3/4 | 2,640.31 | 3/4 | 3,002.49 | 3/4 | 3,364.68 |
| 4 | 117.05 | 4 | 474.49 | 4 | 836.79 | 4 | 1,198.67 | 4 | 1,560.92 | 4 | 1,923.24 | 4 | 2,285.55 | 4 | 2,647.85 | 4 | 3,010.04 | 4 | 3,372.22 |
| 1/4 | 124.58 | 1/4 | 482.04 | 1/4 | 844.34 | 1/4 | 1,206.20 | 1/4 | 1,568.47 | 1/4 | 1,930.78 | 1/4 | 2,293.10 | 1/4 | 2,655.40 | 1/4 | 3,017.58 | 1/4 | 3,379.77 |
| 1/2 | 132.12 | 1/2 | 489.59 | 1/2 | 851.89 | 1/2 | 1,213.74 | 1/2 | 1,576.02 | 1/2 | 1,938.33 | 1/2 | 2,300.65 | 1/2 | 2,662.94 | 1/2 | 3,025.13 | 1/2 | 3,387.31 |
| 3/4 | 139.65 | 3/4 | 497.14 | 3/4 | 859.44 | 3/4 | 1,221.28 | 3/4 | 1,583.57 | 3/4 | 1,945.88 | 3/4 | 2,308.19 | 3/4 | 2,670.49 | 3/4 | 3,032.67 | 3/4 | 3,394.86 |
| 5 | 147.18 | 5 | 504.68 | 5 | 866.98 | 5 | 1,228.81 | 5 | 1,591.12 | 5 | 1,953.43 | 5 | 2,315.74 | 5 | 2,678.04 | 5 | 3,040.22 | 5 | 3,402.40 |
| 1/4 | 154.72 | 1/4 | 512.23 | 1/4 | 874.53 | 1/4 | 1,236.36 | 1/4 | 1,598.66 | 1/4 | 1,960.98 | 1/4 | 2,323.29 | 1/4 | 2,685.58 | 1/4 | 3,047.76 | 1/4 | 3,409.95 |
| 1/2 | 162.25 | 1/2 | 519.78 | 1/2 | 882.08 | 1/2 | 1,243.90 | 1/2 | 1,606.21 | 1/2 | 1,968.53 | 1/2 | 2,330.84 | 1/2 | 2,693.13 | 1/2 | 3,055.31 | 1/2 | 3,417.49 |
| 3/4 | 169.78 | 3/4 | 527.33 | 3/4 | 889.63 | 3/4 | 1,251.45 | 3/4 | 1,613.76 | 3/4 | 1,976.07 | 3/4 | 2,338.39 | 3/4 | 2,700.67 | 3/4 | 3,062.86 | 3/4 | 3,425.04 |
| 6 | 177.32 | 6 | 534.88 | 6 | 897.18 | 6 | 1,259.00 | 6 | 1,621.31 | 6 | 1,983.62 | 6 | 2,345.94 | 6 | 2,708.22 | 6 | 3,070.40 | 6 | 3,432.59 |
| 1/4 | 184.73 | 1/4 | 542.42 | 1/4 | 904.72 | 1/4 | 1,266.54 | 1/4 | 1,628.86 | 1/4 | 1,991.17 | 1/4 | 2,353.48 | 1/4 | 2,715.76 | 1/4 | 3,077.95 | 1/4 | 3,440.13 |
| 1/2 | 192.15 | 1/2 | 549.97 | 1/2 | 912.27 | 1/2 | 1,274.09 | 1/2 | 1,636.41 | 1/2 | 1,998.72 | 1/2 | 2,361.03 | 1/2 | 2,723.31 | 1/2 | 3,085.49 | 1/2 | 3,447.68 |
| 3/4 | 199.57 | 3/4 | 557.52 | 3/4 | 919.82 | 3/4 | 1,281.64 | 3/4 | 1,643.95 | 3/4 | 2,006.27 | 3/4 | 2,368.58 | 3/4 | 2,730.85 | 3/4 | 3,093.04 | 3/4 | 3,455.22 |
| 7 | 206.98 | 7 | 565.07 | 7 | 927.37 | 7 | 1,289.19 | 7 | 1,651.50 | 7 | 2,013.82 | 7 | 2,376.13 | 7 | 2,738.40 | 7 | 3,100.58 | 7 | 3,462.77 |
| 1/4 | 214.38 | 1/4 | 572.62 | 1/4 | 934.90 | 1/4 | 1,296.74 | 1/4 | 1,659.05 | 1/4 | 2,021.36 | 1/4 | 2,383.68 | 1/4 | 2,745.94 | 1/4 | 3,108.13 | 1/4 | 3,470.31 |
| 1/2 | 221.78 | 1/2 | 580.16 | 1/2 | 942.44 | 1/2 | 1,304.28 | 1/2 | 1,666.60 | 1/2 | 2,028.91 | 1/2 | 2,391.23 | 1/2 | 2,753.49 | 1/2 | 3,115.67 | 1/2 | 3,477.86 |
| 3/4 | 229.18 | 3/4 | 587.71 | 3/4 | 949.98 | 3/4 | 1,311.83 | 3/4 | 1,674.15 | 3/4 | 2,036.46 | 3/4 | 2,398.77 | 3/4 | 2,761.04 | 3/4 | 3,123.22 | 3/4 | 3,485.40 |
| 8 | 236.58 | 8 | 595.26 | 8 | 957.52 | 8 | 1,319.38 | 8 | 1,681.69 | 8 | 2,044.01 | 8 | 2,406.32 | 8 | 2,768.58 | 8 | 3,130.77 | 8 | 3,492.95 |
| 1/4 | 243.98 | 1/4 | 602.81 | 1/4 | 965.05 | 1/4 | 1,326.93 | 1/4 | 1,689.24 | 1/4 | 2,051.56 | 1/4 | 2,413.87 | 1/4 | 2,776.13 | 1/4 | 3,138.31 | 1/4 | 3,500.49 |
| 1/2 | 251.38 | 1/2 | 610.35 | 1/2 | 972.59 | 1/2 | 1,334.48 | 1/2 | 1,696.79 | 1/2 | 2,059.10 | 1/2 | 2,421.42 | 1/2 | 2,783.67 | 1/2 | 3,145.86 | 1/2 | 3,508.04 |
| 3/4 | 258.78 | 3/4 | 617.90 | 3/4 | 980.12 | 3/4 | 1,342.03 | 3/4 | 1,704.34 | 3/4 | 2,066.65 | 3/4 | 2,428.97 | 3/4 | 2,791.22 | 3/4 | 3,153.40 | 3/4 | 3,515.59 |
| 9 | 266.18 | 9 | 625.45 | 9 | 987.66 | 9 | 1,349.57 | 9 | 1,711.89 | 9 | 2,074.20 | 9 | 2,436.51 | 9 | 2,798.76 | 9 | 3,160.95 | 9 | 3,523.13 |
| 1/4 | 273.58 | 1/4 | 633.00 | 1/4 | 995.20 | 1/4 | 1,357.12 | 1/4 | 1,719.44 | 1/4 | 2,081.75 | 1/4 | 2,444.06 | 1/4 | 2,806.31 | 1/4 | 3,168.49 | 1/4 | 3,530.68 |
| 1/2 | 280.98 | 1/2 | 640.55 | 1/2 | 1,002.73 | 1/2 | 1,364.67 | 1/2 | 1,726.98 | 1/2 | 2,089.30 | 1/2 | 2,451.61 | 1/2 | 2,813.85 | 1/2 | 3,176.04 | 1/2 | 3,538.22 |
| 3/4 | 288.38 | 3/4 | 648.09 | 3/4 | 1,010.27 | 3/4 | 1,372.22 | 3/4 | 1,734.53 | 3/4 | 2,096.85 | 3/4 | 2,459.16 | 3/4 | 2,821.40 | 3/4 | 3,183.58 | 3/4 | 3,545.77 |
| 10 | 295.78 | 10 | 655.64 | 10 | 1,017.80 | 10 | 1,379.77 | 10 | 1,742.08 | 10 | 2,104.39 | 10 | 2,466.71 | 10 | 2,828.95 | 10 | 3,191.13 | 10 | 3,553.31 |
| 1/4 | 303.18 | 1/4 | 663.19 | 1/4 | 1,025.34 | 1/4 | 1,387.31 | 1/4 | 1,749.63 | 1/4 | 2,111.94 | 1/4 | 2,474.26 | 1/4 | 2,836.49 | 1/4 | 3,198.67 | 1/4 | 3,560.86 |
| 1/2 | 310.58 | 1/2 | 670.74 | 1/2 | 1,032.88 | 1/2 | 1,394.86 | 1/2 | 1,757.18 | 1/2 | 2,119.49 | 1/2 | 2,481.80 | 1/2 | 2,844.04 | 1/2 | 3,206.22 | 1/2 | 3,568.40 |
| 3/4 | 317.98 | 3/4 | 678.29 | 3/4 | 1,040.41 | 3/4 | 1,402.41 | 3/4 | 1,764.72 | 3/4 | 2,127.04 | 3/4 | 2,489.35 | 3/4 | 2,851.58 | 3/4 | 3,213.77 | 3/4 | 3,575.95 |
| 11 | 325.38 | 11 | 685.83 | 11 | 1,047.95 | 11 | 1,409.96 | 11 | 1,772.27 | 11 | 2,134.59 | 11 | 2,496.90 | 11 | 2,859.13 | 11 | 3,221.31 | 11 | 3,583.50 |
| 1/4 | 332.78 | 1/4 | 693.38 | 1/4 | 1,055.48 | 1/4 | 1,417.51 | 1/4 | 1,779.82 | 1/4 | 2,142.13 | 1/4 | 2,504.45 | 1/4 | 2,866.67 | 1/4 | 3,228.86 | 1/4 | 3,591.04 |
| 1/2 | 340.18 | 1/2 | 700.93 | 1/2 | 1,063.02 | 1/2 | 1,425.06 | 1/2 | 1,787.37 | 1/2 | 2,149.68 | 1/2 | 2,512.00 | 1/2 | 2,874.22 | 1/2 | 3,236.40 | 1/2 | 3,598.59 |
| 3/4 | 347.58 | 3/4 | 708.48 | 3/4 | 1,070.56 | 3/4 | 1,432.60 | 3/4 | 1,794.92 | 3/4 | 2,157.23 | 3/4 | 2,519.54 | 3/4 | 2,881.76 | 3/4 | 3,243.95 | 3/4 | 3,606.13 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 314"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,613.68 | 0 | 3,975.86 | 0 | 4,337.33 | 0 | 4,685.40 | 0 | 5,015.18 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,621.22 | 1/4 | 3,983.41 | 1/4 | 4,344.76 | 1/4 | 4,692.45 | 1/4 | 5,022.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.77 | 1/2 | 3,990.95 | 1/2 | 4,352.18 | 1/2 | 4,699.50 | 1/2 | 5,029.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,636.31 | 3/4 | 3,998.50 | 3/4 | 4,359.61 | 3/4 | 4,706.54 | 3/4 | 5,037.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,643.86 | 1 | 4,006.04 | 1 | 4,367.03 | 1 | 4,713.59 | 1 | 5,044.76 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,651.40 | 1/4 | 4,013.59 | 1/4 | 4,374.43 | 1/4 | 4,720.57 | 1/4 | 5,052.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,658.95 | 1/2 | 4,021.13 | 1/2 | 4,381.82 | 1/2 | 4,727.56 | 1/2 | 5,059.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,666.50 | 3/4 | 4,028.68 | 3/4 | 4,389.22 | 3/4 | 4,734.54 | 3/4 | 5,067.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,674.04 | 2 | 4,036.23 | 2 | 4,396.61 | 2 | 4,741.53 | 2 | 5,074.55 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,681.59 | 1/4 | 4,043.77 | 1/4 | 4,403.98 | 1/4 | 4,748.48 | 1/4 | 5,082.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,689.13 | 1/2 | 4,051.32 | 1/2 | 4,411.34 | 1/2 | 4,755.43 | 1/2 | 5,089.44 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,696.68 | 3/4 | 4,058.86 | 3/4 | 4,418.71 | 3/4 | 4,762.38 | 3/4 | 5,096.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,704.22 | 3 | 4,066.41 | 3 | 4,426.07 | 3 | 4,769.34 | 3 | 5,104.34 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,711.77 | 1/4 | 4,073.95 | 1/4 | 4,433.40 | 1/4 | 4,776.26 | 1/4 | 5,111.78 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,719.31 | 1/2 | 4,081.50 | 1/2 | 4,440.74 | 1/2 | 4,783.18 | 1/2 | 5,119.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,726.86 | 3/4 | 4,089.04 | 3/4 | 4,448.07 | 3/4 | 4,790.10 | 3/4 | 5,126.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,734.41 | 4 | 4,096.59 | 4 | 4,455.40 | 4 | 4,797.02 | 4 | 5,134.12 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,741.95 | 1/4 | 4,104.13 | 1/4 | 4,462.70 | 1/4 | 4,803.91 | 1/4 | 5,141.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,749.50 | 1/2 | 4,111.68 | 1/2 | 4,469.99 | 1/2 | 4,810.80 | 1/2 | 5,149.02 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,757.04 | 3/4 | 4,119.23 | 3/4 | 4,477.29 | 3/4 | 4,817.69 | 3/4 | 5,156.47 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,764.59 | 5 | 4,126.77 | 5 | 4,484.59 | 5 | 4,824.58 | 5 | 5,163.91 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,772.13 | 1/4 | 4,134.32 | 1/4 | 4,491.86 | 1/4 | 4,831.43 | 1/4 | 5,171.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,779.68 | 1/2 | 4,141.86 | 1/2 | 4,499.12 | 1/2 | 4,838.29 | 1/2 | 5,178.53 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,787.22 | 3/4 | 4,149.41 | 3/4 | 4,506.39 | 3/4 | 4,845.14 | 3/4 | 5,185.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,794.77 | 6 | 4,156.95 | 6 | 4,513.66 | 6 | 4,851.99 | 6 | 5,193.15 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,802.31 | 1/4 | 4,164.50 | 1/4 | 4,520.89 | 1/4 | 4,858.82 | 1/4 | 5,199.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,809.86 | 1/2 | 4,172.04 | 1/2 | 4,528.13 | 1/2 | 4,865.64 | 1/2 | 5,205.81 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,817.41 | 3/4 | 4,179.59 | 3/4 | 4,535.37 | 3/4 | 4,872.47 | 3/4 | 5,212.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,824.95 | 7 | 4,187.14 | 7 | 4,542.60 | 7 | 4,879.29 | 7 | 5,218.46 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,832.50 | 1/4 | 4,194.68 | 1/4 | 4,549.81 | 1/4 | 4,886.08 | 1/4 | 5,223.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,840.04 | 1/2 | 4,202.23 | 1/2 | 4,557.01 | 1/2 | 4,892.88 | 1/2 | 5,228.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,847.59 | 3/4 | 4,209.77 | 3/4 | 4,564.22 | 3/4 | 4,899.67 | 3/4 | 5,233.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,855.13 | 8 | 4,217.32 | 8 | 4,571.42 | 8 | 4,906.46 | 8 | 5,238.91 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,862.68 | 1/4 | 4,224.85 | 1/4 | 4,578.59 | 1/4 | 4,913.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,870.22 | 1/2 | 4,232.39 | 1/2 | 4,585.76 | 1/2 | 4,919.99 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,877.77 | 3/4 | 4,239.93 | 3/4 | 4,592.93 | 3/4 | 4,926.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,885.32 | 9 | 4,247.46 | 9 | 4,600.10 | 9 | 4,933.52 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,892.86 | 1/4 | 4,254.98 | 1/4 | 4,607.24 | 1/4 | 4,940.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,900.41 | 1/2 | 4,262.51 | 1/2 | 4,614.38 | 1/2 | 4,946.98 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,907.95 | 3/4 | 4,270.03 | 3/4 | 4,621.51 | 3/4 | 4,953.71 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,915.50 | 10 | 4,277.55 | 10 | 4,628.65 | 10 | 4,960.45 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,923.04 | 1/4 | 4,285.04 | 1/4 | 4,635.76 | 1/4 | 4,967.15 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,930.59 | 1/2 | 4,292.53 | 1/2 | 4,642.87 | 1/2 | 4,973.84 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,938.13 | 3/4 | 4,300.02 | 3/4 | 4,649.98 | 3/4 | 4,980.54 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,945.68 | 11 | 4,307.51 | 11 | 4,657.09 | 11 | 4,987.24 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,953.22 | 1/4 | 4,314.96 | 1/4 | 4,664.17 | 1/4 | 4,994.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,960.77 | 1/2 | 4,322.42 | 1/2 | 4,671.25 | 1/2 | 5,001.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,968.32 | 3/4 | 4,329.88 | 3/4 | 4,678.33 | 3/4 | 5,008.20 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2019 SW JS
CALCULATED: 09/25/2019 CL
PRINTED: 09/27/2019 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019



BARGE "DBL 314"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

| 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 | 21.33 | 0 | 354.32 | 0 | 714.70 | 0 | 1,068.31 | 0 | 1,421.59 | 0 | 1,783.24 | 0 | 2,144.88 | 0 | 2,506.52 | 0 | 2,866.36 | 0 | 3,227.86 |
| 1/4 | 25.55 | 1/4 | 361.71 | 1/4 | 722.23 | 1/4 | 1,075.50 | 1/4 | 1,429.13 | 1/4 | 1,790.77 | 1/4 | 2,152.41 | 1/4 | 2,514.05 | 1/4 | 2,873.89 | 1/4 | 3,235.39 |
| 1/2 | 29.78 | 1/2 | 369.10 | 1/2 | 729.77 | 1/2 | 1,082.70 | 1/2 | 1,436.66 | 1/2 | 1,798.30 | 1/2 | 2,159.95 | 1/2 | 2,521.59 | 1/2 | 2,881.42 | 1/2 | 3,242.93 |
| 3/4 | 34.00 | 3/4 | 376.48 | 3/4 | 737.30 | 3/4 | 1,089.89 | 3/4 | 1,444.20 | 3/4 | 1,805.84 | 3/4 | 2,167.48 | 3/4 | 2,529.12 | 3/4 | 2,888.95 | 3/4 | 3,250.46 |
| 1 | 38.22 | 1 | 383.87 | 1 | 744.83 | 1 | 1,097.08 | 1 | 1,451.73 | 1 | 1,813.37 | 1 | 2,175.01 | 1 | 2,536.66 | 1 | 2,896.48 | 1 | 3,257.99 |
| 1/4 | 43.70 | 1/4 | 391.26 | 1/4 | 752.37 | 1/4 | 1,104.27 | 1/4 | 1,459.27 | 1/4 | 1,820.91 | 1/4 | 2,182.55 | 1/4 | 2,544.19 | 1/4 | 2,904.01 | 1/4 | 3,265.52 |
| 1/2 | 49.18 | 1/2 | 398.64 | 1/2 | 759.90 | 1/2 | 1,111.46 | 1/2 | 1,466.80 | 1/2 | 1,828.44 | 1/2 | 2,190.08 | 1/2 | 2,551.72 | 1/2 | 2,911.54 | 1/2 | 3,273.05 |
| 3/4 | 54.66 | 3/4 | 406.03 | 3/4 | 767.43 | 3/4 | 1,118.65 | 3/4 | 1,474.33 | 3/4 | 1,835.98 | 3/4 | 2,197.62 | 3/4 | 2,559.26 | 3/4 | 2,919.08 | 3/4 | 3,280.58 |
| 2 | 60.14 | 2 | 413.42 | 2 | 774.97 | 2 | 1,125.84 | 2 | 1,481.87 | 2 | 1,843.51 | 2 | 2,205.15 | 2 | 2,566.79 | 2 | 2,926.61 | 2 | 3,288.11 |
| 1/4 | 66.87 | 1/4 | 420.93 | 1/4 | 782.50 | 1/4 | 1,133.03 | 1/4 | 1,489.40 | 1/4 | 1,851.04 | 1/4 | 2,212.69 | 1/4 | 2,574.33 | 1/4 | 2,934.14 | 1/4 | 3,295.65 |
| 1/2 | 73.60 | 1/2 | 428.45 | 1/2 | 790.04 | 1/2 | 1,140.22 | 1/2 | 1,496.94 | 1/2 | 1,858.58 | 1/2 | 2,220.22 | 1/2 | 2,581.86 | 1/2 | 2,941.67 | 1/2 | 3,303.18 |
| 3/4 | 80.34 | 3/4 | 435.96 | 3/4 | 797.57 | 3/4 | 1,147.41 | 3/4 | 1,504.47 | 3/4 | 1,866.11 | 3/4 | 2,227.75 | 3/4 | 2,589.40 | 3/4 | 2,949.20 | 3/4 | 3,310.71 |
| 3 | 87.07 | 3 | 443.48 | 3 | 805.10 | 3 | 1,154.61 | 3 | 1,512.00 | 3 | 1,873.65 | 3 | 2,235.29 | 3 | 2,596.93 | 3 | 2,956.73 | 3 | 3,318.24 |
| 1/4 | 94.51 | 1/4 | 451.01 | 1/4 | 812.64 | 1/4 | 1,161.80 | 1/4 | 1,519.54 | 1/4 | 1,881.18 | 1/4 | 2,242.82 | 1/4 | 2,604.46 | 1/4 | 2,964.26 | 1/4 | 3,325.77 |
| 1/2 | 101.95 | 1/2 | 458.55 | 1/2 | 820.17 | 1/2 | 1,168.99 | 1/2 | 1,527.07 | 1/2 | 1,888.71 | 1/2 | 2,250.36 | 1/2 | 2,611.99 | 1/2 | 2,971.80 | 1/2 | 3,333.30 |
| 3/4 | 109.39 | 3/4 | 466.08 | 3/4 | 827.71 | 3/4 | 1,176.18 | 3/4 | 1,534.61 | 3/4 | 1,896.25 | 3/4 | 2,257.89 | 3/4 | 2,619.52 | 3/4 | 2,979.33 | 3/4 | 3,340.83 |
| 4 | 116.83 | 4 | 473.61 | 4 | 835.24 | 4 | 1,183.37 | 4 | 1,542.14 | 4 | 1,903.78 | 4 | 2,265.42 | 4 | 2,627.05 | 4 | 2,986.86 | 4 | 3,348.37 |
| 1/4 | 124.35 | 1/4 | 481.15 | 1/4 | 842.77 | 1/4 | 1,190.56 | 1/4 | 1,549.68 | 1/4 | 1,911.32 | 1/4 | 2,272.96 | 1/4 | 2,634.49 | 1/4 | 2,994.39 | 1/4 | 3,355.90 |
| 1/2 | 131.87 | 1/2 | 488.68 | 1/2 | 850.31 | 1/2 | 1,197.75 | 1/2 | 1,557.21 | 1/2 | 1,918.85 | 1/2 | 2,280.49 | 1/2 | 2,641.93 | 1/2 | 3,001.92 | 1/2 | 3,363.43 |
| 3/4 | 139.39 | 3/4 | 496.21 | 3/4 | 857.84 | 3/4 | 1,204.94 | 3/4 | 1,564.74 | 3/4 | 1,926.39 | 3/4 | 2,288.03 | 3/4 | 2,649.37 | 3/4 | 3,009.45 | 3/4 | 3,370.96 |
| 5 | 146.91 | 5 | 503.75 | 5 | 865.38 | 5 | 1,212.13 | 5 | 1,572.28 | 5 | 1,933.92 | 5 | 2,295.56 | 5 | 2,656.81 | 5 | 3,016.98 | 5 | 3,378.49 |
| 1/4 | 154.43 | 1/4 | 511.28 | 1/4 | 872.91 | 1/4 | 1,219.33 | 1/4 | 1,579.81 | 1/4 | 1,941.45 | 1/4 | 2,303.10 | 1/4 | 2,664.23 | 1/4 | 3,024.52 | 1/4 | 3,386.02 |
| 1/2 | 161.95 | 1/2 | 518.82 | 1/2 | 880.44 | 1/2 | 1,226.54 | 1/2 | 1,587.35 | 1/2 | 1,948.99 | 1/2 | 2,310.63 | 1/2 | 2,671.66 | 1/2 | 3,032.05 | 1/2 | 3,393.55 |
| 3/4 | 169.47 | 3/4 | 526.35 | 3/4 | 887.98 | 3/4 | 1,233.74 | 3/4 | 1,594.88 | 3/4 | 1,956.52 | 3/4 | 2,318.16 | 3/4 | 2,679.08 | 3/4 | 3,039.58 | 3/4 | 3,401.09 |
| 6 | 176.99 | 6 | 533.88 | 6 | 895.51 | 6 | 1,240.94 | 6 | 1,602.42 | 6 | 1,964.06 | 6 | 2,325.70 | 6 | 2,686.51 | 6 | 3,047.11 | 6 | 3,408.62 |
| 1/4 | 184.39 | 1/4 | 541.42 | 1/4 | 902.76 | 1/4 | 1,248.43 | 1/4 | 1,609.95 | 1/4 | 1,971.59 | 1/4 | 2,333.23 | 1/4 | 2,693.93 | 1/4 | 3,054.64 | 1/4 | 3,416.15 |
| 1/2 | 191.79 | 1/2 | 548.95 | 1/2 | 910.00 | 1/2 | 1,255.92 | 1/2 | 1,617.48 | 1/2 | 1,979.13 | 1/2 | 2,340.77 | 1/2 | 2,701.36 | 1/2 | 3,062.17 | 1/2 | 3,423.68 |
| 3/4 | 199.20 | 3/4 | 556.49 | 3/4 | 917.24 | 3/4 | 1,263.42 | 3/4 | 1,625.02 | 3/4 | 1,986.66 | 3/4 | 2,348.30 | 3/4 | 2,708.78 | 3/4 | 3,069.70 | 3/4 | 3,431.21 |
| 7 | 206.60 | 7 | 564.02 | 7 | 924.49 | 7 | 1,270.91 | 7 | 1,632.55 | 7 | 1,994.19 | 7 | 2,355.84 | 7 | 2,716.21 | 7 | 3,077.23 | 7 | 3,438.74 |
| 1/4 | 213.99 | 1/4 | 571.55 | 1/4 | 931.68 | 1/4 | 1,278.44 | 1/4 | 1,640.09 | 1/4 | 2,001.73 | 1/4 | 2,363.37 | 1/4 | 2,723.63 | 1/4 | 3,084.77 | 1/4 | 3,446.27 |
| 1/2 | 221.37 | 1/2 | 579.09 | 1/2 | 938.87 | 1/2 | 1,285.98 | 1/2 | 1,647.62 | 1/2 | 2,009.26 | 1/2 | 2,370.90 | 1/2 | 2,731.06 | 1/2 | 3,092.30 | 1/2 | 3,453.80 |
| 3/4 | 228.76 | 3/4 | 586.62 | 3/4 | 946.06 | 3/4 | 1,293.51 | 3/4 | 1,655.15 | 3/4 | 2,016.80 | 3/4 | 2,378.44 | 3/4 | 2,738.48 | 3/4 | 3,099.83 | 3/4 | 3,461.34 |
| 8 | 236.14 | 8 | 594.16 | 8 | 953.26 | 8 | 1,301.05 | 8 | 1,662.69 | 8 | 2,024.33 | 8 | 2,385.97 | 8 | 2,745.91 | 8 | 3,107.36 | 8 | 3,468.87 |
| 1/4 | 243.53 | 1/4 | 601.69 | 1/4 | 960.45 | 1/4 | 1,308.58 | 1/4 | 1,670.22 | 1/4 | 2,031.86 | 1/4 | 2,393.51 | 1/4 | 2,753.42 | 1/4 | 3,114.89 | 1/4 | 3,476.40 |
| 1/2 | 250.92 | 1/2 | 609.22 | 1/2 | 967.64 | 1/2 | 1,316.12 | 1/2 | 1,677.76 | 1/2 | 2,039.40 | 1/2 | 2,401.04 | 1/2 | 2,760.94 | 1/2 | 3,122.42 | 1/2 | 3,483.93 |
| 3/4 | 258.30 | 3/4 | 616.76 | 3/4 | 974.83 | 3/4 | 1,323.65 | 3/4 | 1,685.29 | 3/4 | 2,046.93 | 3/4 | 2,408.57 | 3/4 | 2,768.46 | 3/4 | 3,129.95 | 3/4 | 3,491.46 |
| 9 | 265.69 | 9 | 624.29 | 9 | 982.02 | 9 | 1,331.18 | 9 | 1,692.83 | 9 | 2,054.47 | 9 | 2,416.11 | 9 | 2,775.98 | 9 | 3,137.49 | 9 | 3,498.99 |
| 1/4 | 273.08 | 1/4 | 631.82 | 1/4 | 989.21 | 1/4 | 1,338.72 | 1/4 | 1,700.36 | 1/4 | 2,062.00 | 1/4 | 2,423.64 | 1/4 | 2,783.51 | 1/4 | 3,145.02 | 1/4 | 3,506.52 |
| 1/2 | 280.46 | 1/2 | 639.36 | 1/2 | 996.40 | 1/2 | 1,346.25 | 1/2 | 1,707.89 | 1/2 | 2,069.54 | 1/2 | 2,431.18 | 1/2 | 2,791.04 | 1/2 | 3,152.55 | 1/2 | 3,514.06 |
| 3/4 | 287.85 | 3/4 | 646.89 | 3/4 | 1,003.59 | 3/4 | 1,353.79 | 3/4 | 1,715.43 | 3/4 | 2,077.07 | 3/4 | 2,438.71 | 3/4 | 2,798.57 | 3/4 | 3,160.08 | 3/4 | 3,521.59 |
| 10 | 295.23 | 10 | 654.43 | 10 | 1,010.79 | 10 | 1,361.32 | 10 | 1,722.96 | 10 | 2,084.60 | 10 | 2,446.25 | 10 | 2,806.10 | 10 | 3,167.61 | 10 | 3,529.12 |
| 1/4 | 302.62 | 1/4 | 661.96 | 1/4 | 1,017.98 | 1/4 | 1,368.86 | 1/4 | 1,730.50 | 1/4 | 2,092.14 | 1/4 | 2,453.78 | 1/4 | 2,813.64 | 1/4 | 3,175.14 | 1/4 | 3,536.65 |
| 1/2 | 310.01 | 1/2 | 669.49 | 1/2 | 1,025.17 | 1/2 | 1,376.39 | 1/2 | 1,738.03 | 1/2 | 2,099.67 | 1/2 | 2,461.31 | 1/2 | 2,821.17 | 1/2 | 3,182.67 | 1/2 | 3,544.18 |
| 3/4 | 317.39 | 3/4 | 677.03 | 3/4 | 1,032.36 | 3/4 | 1,383.92 | 3/4 | 1,745.57 | 3/4 | 2,107.21 | 3/4 | 2,468.85 | 3/4 | 2,828.70 | 3/4 | 3,190.21 | 3/4 | 3,551.71 |
| 11 | 324.78 | 11 | 684.56 | 11 | 1,039.55 | 11 | 1,391.46 | 11 | 1,753.10 | 11 | 2,114.74 | 11 | 2,476.38 | 11 | 2,836.23 | 11 | 3,197.74 | 11 | 3,559.24 |
| 1/4 | 332.17 | 1/4 | 692.10 | 1/4 | 1,046.74 | 1/4 | 1,398.99 | 1/4 | 1,760.63 | 1/4 | 2,122.28 | 1/4 | 2,483.92 | 1/4 | 2,843.76 | 1/4 | 3,205.27 | 1/4 | 3,566.78 |
| 1/2 | 339.55 | 1/2 | 699.63 | 1/2 | 1,053.93 | 1/2 | 1,406.53 | 1/2 | 1,768.17 | 1/2 | 2,129.81 | 1/2 | 2,491.45 | 1/2 | 2,851.29 | 1/2 | 3,212.80 | 1/2 | 3,574.31 |
| 3/4 | 346.94 | 3/4 | 707.16 | 3/4 | 1,061.12 | 3/4 | 1,414.06 | 3/4 | 1,775.70 | 3/4 | 2,137.34 | 3/4 | 2,498.99 | 3/4 | 2,858.82 | 3/4 | 3,220.33 | 3/4 | 3,581.84 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 42'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 314"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,589.37 | 0 | 3,950.88 | 0 | 4,311.69 | 0 | 4,659.12 | 0 | 4,988.30 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,596.90 | 1/4 | 3,958.41 | 1/4 | 4,319.10 | 1/4 | 4,666.16 | 1/4 | 4,995.68 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,604.43 | 1/2 | 3,965.94 | 1/2 | 4,326.51 | 1/2 | 4,673.19 | 1/2 | 5,003.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,611.96 | 3/4 | 3,973.47 | 3/4 | 4,333.93 | 3/4 | 4,680.22 | 3/4 | 5,010.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,619.50 | 1 | 3,981.00 | 1 | 4,341.34 | 1 | 4,687.25 | 1 | 5,017.83 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,627.03 | 1/4 | 3,988.53 | 1/4 | 4,348.72 | 1/4 | 4,694.23 | 1/4 | 5,025.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,634.56 | 1/2 | 3,996.07 | 1/2 | 4,356.10 | 1/2 | 4,701.20 | 1/2 | 5,032.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,642.09 | 3/4 | 4,003.60 | 3/4 | 4,363.48 | 3/4 | 4,708.17 | 3/4 | 5,040.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,649.62 | 2 | 4,011.13 | 2 | 4,370.86 | 2 | 4,715.15 | 2 | 5,047.56 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,657.15 | 1/4 | 4,018.66 | 1/4 | 4,378.21 | 1/4 | 4,722.08 | 1/4 | 5,054.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,664.68 | 1/2 | 4,026.19 | 1/2 | 4,385.57 | 1/2 | 4,729.02 | 1/2 | 5,062.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,672.22 | 3/4 | 4,033.72 | 3/4 | 4,393.92 | 3/4 | 4,735.96 | 3/4 | 5,069.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,679.75 | 3 | 4,041.25 | 3 | 4,400.27 | 3 | 4,742.90 | 3 | 5,077.29 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,687.28 | 1/4 | 4,048.79 | 1/4 | 4,407.59 | 1/4 | 4,749.81 | 1/4 | 5,084.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,694.81 | 1/2 | 4,056.32 | 1/2 | 4,414.90 | 1/2 | 4,756.72 | 1/2 | 5,092.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,702.34 | 3/4 | 4,063.85 | 3/4 | 4,422.22 | 3/4 | 4,763.63 | 3/4 | 5,099.59 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,709.87 | 4 | 4,071.38 | 4 | 4,429.54 | 4 | 4,770.54 | 4 | 5,107.02 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,717.40 | 1/4 | 4,078.91 | 1/4 | 4,436.82 | 1/4 | 4,777.41 | 1/4 | 5,114.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,724.94 | 1/2 | 4,086.44 | 1/2 | 4,444.11 | 1/2 | 4,784.29 | 1/2 | 5,121.89 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,732.47 | 3/4 | 4,093.97 | 3/4 | 4,451.39 | 3/4 | 4,791.17 | 3/4 | 5,129.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,740.00 | 5 | 4,101.51 | 5 | 4,458.68 | 5 | 4,798.04 | 5 | 5,136.76 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,747.53 | 1/4 | 4,109.04 | 1/4 | 4,465.93 | 1/4 | 4,804.88 | 1/4 | 5,144.05 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,755.06 | 1/2 | 4,116.57 | 1/2 | 4,473.18 | 1/2 | 4,811.73 | 1/2 | 5,151.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,762.59 | 3/4 | 4,124.10 | 3/4 | 4,480.44 | 3/4 | 4,818.57 | 3/4 | 5,158.64 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,770.12 | 6 | 4,131.63 | 6 | 4,487.69 | 6 | 4,825.41 | 6 | 5,165.94 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,777.65 | 1/4 | 4,139.16 | 1/4 | 4,494.91 | 1/4 | 4,832.22 | 1/4 | 5,172.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,785.19 | 1/2 | 4,146.69 | 1/2 | 4,502.14 | 1/2 | 4,839.03 | 1/2 | 5,178.57 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,792.72 | 3/4 | 4,154.22 | 3/4 | 4,509.36 | 3/4 | 4,845.84 | 3/4 | 5,184.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,800.25 | 7 | 4,161.76 | 7 | 4,516.59 | 7 | 4,852.65 | 7 | 5,191.20 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,807.78 | 1/4 | 4,169.29 | 1/4 | 4,523.78 | 1/4 | 4,859.44 | 1/4 | 5,196.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,815.31 | 1/2 | 4,176.82 | 1/2 | 4,530.97 | 1/2 | 4,866.22 | 1/2 | 5,201.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,822.84 | 3/4 | 4,184.35 | 3/4 | 4,538.16 | 3/4 | 4,873.00 | 3/4 | 5,206.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,830.37 | 8 | 4,191.88 | 8 | 4,545.35 | 8 | 4,879.78 | 8 | 5,211.61 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,837.91 | 1/4 | 4,199.41 | 1/4 | 4,552.50 | 1/4 | 4,886.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,845.44 | 1/2 | 4,206.94 | 1/2 | 4,559.66 | 1/2 | 4,893.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,852.97 | 3/4 | 4,214.46 | 3/4 | 4,566.82 | 3/4 | 4,900.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,860.50 | 9 | 4,221.99 | 9 | 4,573.97 | 9 | 4,906.78 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,868.03 | 1/4 | 4,229.50 | 1/4 | 4,581.10 | 1/4 | 4,913.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,875.56 | 1/2 | 4,237.01 | 1/2 | 4,588.22 | 1/2 | 4,920.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,883.09 | 3/4 | 4,244.51 | 3/4 | 4,595.35 | 3/4 | 4,926.94 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,890.63 | 10 | 4,252.02 | 10 | 4,602.48 | 10 | 4,933.66 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,898.16 | 1/4 | 4,259.50 | 1/4 | 4,609.57 | 1/4 | 4,940.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,905.69 | 1/2 | 4,266.97 | 1/2 | 4,616.67 | 1/2 | 4,947.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,913.22 | 3/4 | 4,274.45 | 3/4 | 4,623.76 | 3/4 | 4,953.72 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,920.75 | 11 | 4,281.92 | 11 | 4,630.86 | 11 | 4,960.41 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,928.28 | 1/4 | 4,289.37 | 1/4 | 4,637.93 | 1/4 | 4,967.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,935.81 | 1/2 | 4,296.81 | 1/2 | 4,644.99 | 1/2 | 4,974.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,943.35 | 3/4 | 4,304.25 | 3/4 | 4,652.06 | 3/4 | 4,981.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/23/2019 SW JS
CALCULATED: 09/25/2019 CL
PRINTED: 09/27/2019 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

PRECISION MEASUREMENT
& ANALYSIS, INC.

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



BARGE "DBL 314"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

| 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 | 21.30 | 0 | 353.70 | 0 | 713.44 | 0 | 1,074.24 | 0 | 1,435.09 | 0 | 1,796.10 | 0 | 2,157.09 | 0 | 2,518.02 | 0 | 2,878.75 | 0 | 3,238.61 |
| 1/4 | 25.51 | 1/4 | 361.07 | 1/4 | 720.96 | 1/4 | 1,081.75 | 1/4 | 1,442.61 | 1/4 | 1,803.62 | 1/4 | 2,164.61 | 1/4 | 2,525.54 | 1/4 | 2,886.26 | 1/4 | 3,246.08 |
| 1/2 | 29.73 | 1/2 | 368.44 | 1/2 | 728.48 | 1/2 | 1,089.26 | 1/2 | 1,450.13 | 1/2 | 1,811.15 | 1/2 | 2,172.12 | 1/2 | 2,533.06 | 1/2 | 2,893.76 | 1/2 | 3,253.55 |
| 3/4 | 33.94 | 3/4 | 375.82 | 3/4 | 736.01 | 3/4 | 1,096.77 | 3/4 | 1,457.65 | 3/4 | 1,818.67 | 3/4 | 2,179.64 | 3/4 | 2,540.58 | 3/4 | 2,901.27 | 3/4 | 3,261.02 |
| 1 | 38.16 | 1 | 383.19 | 1 | 743.53 | 1 | 1,104.28 | 1 | 1,465.17 | 1 | 1,826.19 | 1 | 2,187.16 | 1 | 2,548.09 | 1 | 2,908.77 | 1 | 3,268.49 |
| 1/4 | 43.63 | 1/4 | 390.56 | 1/4 | 751.05 | 1/4 | 1,111.80 | 1/4 | 1,472.69 | 1/4 | 1,833.71 | 1/4 | 2,194.68 | 1/4 | 2,555.61 | 1/4 | 2,916.28 | 1/4 | 3,275.96 |
| 1/2 | 49.10 | 1/2 | 397.94 | 1/2 | 758.57 | 1/2 | 1,119.31 | 1/2 | 1,480.21 | 1/2 | 1,841.23 | 1/2 | 2,202.20 | 1/2 | 2,566.13 | 1/2 | 2,923.78 | 1/2 | 3,283.43 |
| 3/4 | 54.57 | 3/4 | 405.31 | 3/4 | 766.09 | 3/4 | 1,126.82 | 3/4 | 1,487.73 | 3/4 | 1,848.75 | 3/4 | 2,209.72 | 3/4 | 2,570.65 | 3/4 | 2,931.29 | 3/4 | 3,290.90 |
| 2 | 60.03 | 2 | 412.68 | 2 | 773.61 | 2 | 1,134.33 | 2 | 1,495.25 | 2 | 1,856.27 | 2 | 2,217.24 | 2 | 2,578.17 | 2 | 2,938.79 | 2 | 3,298.37 |
| 1/4 | 66.76 | 1/4 | 420.18 | 1/4 | 781.13 | 1/4 | 1,141.84 | 1/4 | 1,502.78 | 1/4 | 1,863.79 | 1/4 | 2,224.76 | 1/4 | 2,585.69 | 1/4 | 2,946.30 | 1/4 | 3,305.84 |
| 1/2 | 73.48 | 1/2 | 427.69 | 1/2 | 788.65 | 1/2 | 1,149.35 | 1/2 | 1,510.30 | 1/2 | 1,871.31 | 1/2 | 2,232.28 | 1/2 | 2,593.21 | 1/2 | 2,953.80 | 1/2 | 3,313.32 |
| 3/4 | 80.20 | 3/4 | 435.19 | 3/4 | 796.17 | 3/4 | 1,156.87 | 3/4 | 1,517.82 | 3/4 | 1,878.84 | 3/4 | 2,239.80 | 3/4 | 2,600.73 | 3/4 | 2,961.31 | 3/4 | 3,320.79 |
| 3 | 86.92 | 3 | 442.69 | 3 | 803.69 | 3 | 1,164.38 | 3 | 1,525.34 | 3 | 1,886.36 | 3 | 2,247.32 | 3 | 2,608.25 | 3 | 2,968.81 | 3 | 3,328.26 |
| 1/4 | 94.35 | 1/4 | 450.21 | 1/4 | 811.21 | 1/4 | 1,171.89 | 1/4 | 1,532.86 | 1/4 | 1,893.88 | 1/4 | 2,254.84 | 1/4 | 2,615.77 | 1/4 | 2,976.32 | 1/4 | 3,335.74 |
| 1/2 | 101.78 | 1/2 | 457.73 | 1/2 | 818.74 | 1/2 | 1,179.40 | 1/2 | 1,540.38 | 1/2 | 1,901.40 | 1/2 | 2,262.36 | 1/2 | 2,623.28 | 1/2 | 2,983.82 | 1/2 | 3,343.23 |
| 3/4 | 109.21 | 3/4 | 465.25 | 3/4 | 826.26 | 3/4 | 1,186.91 | 3/4 | 1,547.90 | 3/4 | 1,908.92 | 3/4 | 2,269.88 | 3/4 | 2,630.80 | 3/4 | 2,991.33 | 3/4 | 3,350.71 |
| 4 | 116.63 | 4 | 472.77 | 4 | 833.78 | 4 | 1,194.42 | 4 | 1,555.42 | 4 | 1,916.44 | 4 | 2,277.40 | 4 | 2,638.32 | 4 | 2,998.83 | 4 | 3,358.19 |
| 1/4 | 124.14 | 1/4 | 480.29 | 1/4 | 841.30 | 1/4 | 1,201.94 | 1/4 | 1,562.95 | 1/4 | 1,923.96 | 1/4 | 2,284.92 | 1/4 | 2,645.84 | 1/4 | 3,006.34 | 1/4 | 3,365.68 |
| 1/2 | 131.65 | 1/2 | 487.82 | 1/2 | 848.82 | 1/2 | 1,209.46 | 1/2 | 1,570.47 | 1/2 | 1,931.48 | 1/2 | 2,292.44 | 1/2 | 2,653.35 | 1/2 | 3,013.84 | 1/2 | 3,373.17 |
| 3/4 | 139.15 | 3/4 | 495.34 | 3/4 | 856.34 | 3/4 | 1,216.98 | 3/4 | 1,577.99 | 3/4 | 1,939.01 | 3/4 | 2,299.95 | 3/4 | 2,660.87 | 3/4 | 3,021.35 | 3/4 | 3,380.65 |
| 5 | 146.66 | 5 | 502.86 | 5 | 863.86 | 5 | 1,224.49 | 5 | 1,585.51 | 5 | 1,946.53 | 5 | 2,307.47 | 5 | 2,668.39 | 5 | 3,028.85 | 5 | 3,388.14 |
| 1/4 | 154.16 | 1/4 | 510.38 | 1/4 | 871.38 | 1/4 | 1,232.01 | 1/4 | 1,593.03 | 1/4 | 1,954.05 | 1/4 | 2,314.99 | 1/4 | 2,675.91 | 1/4 | 3,036.36 | 1/4 | 3,395.63 |
| 1/2 | 161.67 | 1/2 | 517.90 | 1/2 | 878.90 | 1/2 | 1,239.53 | 1/2 | 1,600.55 | 1/2 | 1,961.57 | 1/2 | 2,322.51 | 1/2 | 2,683.43 | 1/2 | 3,043.86 | 1/2 | 3,403.11 |
| 3/4 | 169.18 | 3/4 | 525.42 | 3/4 | 886.42 | 3/4 | 1,247.06 | 3/4 | 1,608.07 | 3/4 | 1,969.09 | 3/4 | 2,330.03 | 3/4 | 2,690.94 | 3/4 | 3,051.37 | 3/4 | 3,410.60 |
| 6 | 176.68 | 6 | 532.94 | 6 | 893.94 | 6 | 1,254.58 | 6 | 1,615.59 | 6 | 1,976.61 | 6 | 2,337.55 | 6 | 2,698.46 | 6 | 3,058.87 | 6 | 3,418.09 |
| 1/4 | 184.07 | 1/4 | 540.46 | 1/4 | 901.46 | 1/4 | 1,262.10 | 1/4 | 1,623.12 | 1/4 | 1,984.13 | 1/4 | 2,345.07 | 1/4 | 2,705.98 | 1/4 | 3,066.38 | 1/4 | 3,425.57 |
| 1/2 | 191.46 | 1/2 | 547.98 | 1/2 | 908.97 | 1/2 | 1,269.62 | 1/2 | 1,630.64 | 1/2 | 1,991.65 | 1/2 | 2,352.59 | 1/2 | 2,713.50 | 1/2 | 3,073.88 | 1/2 | 3,433.06 |
| 3/4 | 198.85 | 3/4 | 555.50 | 3/4 | 916.49 | 3/4 | 1,277.14 | 3/4 | 1,638.16 | 3/4 | 1,999.18 | 3/4 | 2,360.11 | 3/4 | 2,721.02 | 3/4 | 3,081.39 | 3/4 | 3,440.55 |
| 7 | 206.24 | 7 | 563.02 | 7 | 924.00 | 7 | 1,284.66 | 7 | 1,645.68 | 7 | 2,006.70 | 7 | 2,367.63 | 7 | 2,728.53 | 7 | 3,088.89 | 7 | 3,448.03 |
| 1/4 | 213.61 | 1/4 | 570.55 | 1/4 | 931.51 | 1/4 | 1,292.18 | 1/4 | 1,653.20 | 1/4 | 2,014.22 | 1/4 | 2,375.15 | 1/4 | 2,736.05 | 1/4 | 3,096.40 | 1/4 | 3,455.52 |
| 1/2 | 220.99 | 1/2 | 578.07 | 1/2 | 939.03 | 1/2 | 1,299.70 | 1/2 | 1,660.72 | 1/2 | 2,021.74 | 1/2 | 2,382.67 | 1/2 | 2,743.57 | 1/2 | 3,103.90 | 1/2 | 3,463.01 |
| 3/4 | 228.36 | 3/4 | 585.59 | 3/4 | 946.54 | 3/4 | 1,307.22 | 3/4 | 1,668.24 | 3/4 | 2,029.26 | 3/4 | 2,390.19 | 3/4 | 2,751.09 | 3/4 | 3,111.41 | 3/4 | 3,470.49 |
| 8 | 235.73 | 8 | 593.11 | 8 | 954.05 | 8 | 1,314.75 | 8 | 1,675.76 | 8 | 2,036.78 | 8 | 2,397.71 | 8 | 2,758.61 | 8 | 3,118.92 | 8 | 3,477.98 |
| 1/4 | 243.11 | 1/4 | 600.63 | 1/4 | 961.56 | 1/4 | 1,322.27 | 1/4 | 1,683.28 | 1/4 | 2,044.30 | 1/4 | 2,405.23 | 1/4 | 2,766.13 | 1/4 | 3,126.42 | 1/4 | 3,485.47 |
| 1/2 | 250.48 | 1/2 | 608.15 | 1/2 | 969.07 | 1/2 | 1,329.79 | 1/2 | 1,690.81 | 1/2 | 2,051.82 | 1/2 | 2,412.75 | 1/2 | 2,773.64 | 1/2 | 3,133.93 | 1/2 | 3,492.95 |
| 3/4 | 257.85 | 3/4 | 615.67 | 3/4 | 976.58 | 3/4 | 1,337.31 | 3/4 | 1,698.33 | 3/4 | 2,059.34 | 3/4 | 2,420.26 | 3/4 | 2,781.16 | 3/4 | 3,141.43 | 3/4 | 3,500.44 |
| 9 | 265.22 | 9 | 623.19 | 9 | 984.10 | 9 | 1,344.83 | 9 | 1,705.85 | 9 | 2,066.85 | 9 | 2,427.78 | 9 | 2,788.68 | 9 | 3,148.94 | 9 | 3,507.92 |
| 1/4 | 272.60 | 1/4 | 630.71 | 1/4 | 991.61 | 1/4 | 1,352.35 | 1/4 | 1,713.37 | 1/4 | 2,074.37 | 1/4 | 2,435.30 | 1/4 | 2,796.19 | 1/4 | 3,156.41 | 1/4 | 3,512.40 |
| 1/2 | 279.97 | 1/2 | 638.23 | 1/2 | 999.12 | 1/2 | 1,359.87 | 1/2 | 1,720.89 | 1/2 | 2,081.89 | 1/2 | 2,442.82 | 1/2 | 2,803.70 | 1/2 | 3,163.89 | 1/2 | 3,516.88 |
| 3/4 | 287.34 | 3/4 | 645.75 | 3/4 | 1,006.63 | 3/4 | 1,367.39 | 3/4 | 1,728.41 | 3/4 | 2,089.41 | 3/4 | 2,450.34 | 3/4 | 2,811.20 | 3/4 | 3,171.36 | 3/4 | 3,521.36 |
| 10 | 294.72 | 10 | 653.28 | 10 | 1,014.14 | 10 | 1,374.92 | 10 | 1,735.93 | 10 | 2,096.93 | 10 | 2,457.86 | 10 | 2,818.71 | 10 | 3,178.84 | 10 | 3,525.84 |
| 1/4 | 302.09 | 1/4 | 660.80 | 1/4 | 1,021.66 | 1/4 | 1,382.44 | 1/4 | 1,743.45 | 1/4 | 2,104.45 | 1/4 | 2,465.38 | 1/4 | 2,826.22 | 1/4 | 3,186.31 | 1/4 | 3,529.89 |
| 1/2 | 309.46 | 1/2 | 668.32 | 1/2 | 1,029.17 | 1/2 | 1,389.96 | 1/2 | 1,750.98 | 1/2 | 2,111.97 | 1/2 | 2,472.90 | 1/2 | 2,833.72 | 1/2 | 3,193.78 | 1/2 | 3,533.94 |
| 3/4 | 316.83 | 3/4 | 675.84 | 3/4 | 1,036.68 | 3/4 | 1,397.48 | 3/4 | 1,758.50 | 3/4 | 2,119.49 | 3/4 | 2,480.42 | 3/4 | 2,841.23 | 3/4 | 3,201.25 | 3/4 | 3,537.99 |
| 11 | 324.21 | 11 | 683.36 | 11 | 1,044.19 | 11 | 1,405.00 | 11 | 1,766.02 | 11 | 2,127.01 | 11 | 2,487.94 | 11 | 2,848.73 | 11 | 3,208.72 | 11 | 3,542.04 |
| 1/4 | 331.58 | 1/4 | 690.88 | 1/4 | 1,051.70 | 1/4 | 1,412.52 | 1/4 | 1,773.54 | 1/4 | 2,134.53 | 1/4 | 2,495.46 | 1/4 | 2,856.24 | 1/4 | 3,216.19 | 1/4 | 3,546.09 |
| 1/2 | 338.95 | 1/2 | 698.40 | 1/2 | 1,059.21 | 1/2 | 1,420.04 | 1/2 | 1,781.06 | 1/2 | 2,142.05 | 1/2 | 2,502.98 | 1/2 | 2,863.74 | 1/2 | 3,223.66 | 1/2 | 3,550.13 |
| 3/4 | 346.33 | 3/4 | 705.92 | 3/4 | 1,066.73 | 3/4 | 1,427.56 | 3/4 | 1,788.58 | 3/4 | 2,149.57 | 3/4 | 2,510.50 | 3/4 | 2,871.25 | 3/4 | 3,231.14 | 3/4 | 3,554.18 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 314"

3 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

| 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 | 3,558.23 | 0 | 3,752.59 | 0 | 3,946.26 | 0 | 4,126.56 | 0 | 4,289.35 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,562.28 | 1/4 | 3,756.64 | 1/4 | 3,950.19 | 1/4 | 4,130.11 | 1/4 | 4,293.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,566.33 | 1/2 | 3,760.69 | 1/2 | 3,954.12 | 1/2 | 4,133.66 | 1/2 | 4,297.24 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,570.38 | 3/4 | 3,764.74 | 3/4 | 3,958.05 | 3/4 | 4,137.21 | 3/4 | 4,301.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,574.43 | 1 | 3,768.79 | 1 | 3,961.98 | 1 | 4,140.77 | 1 | 4,305.13 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,578.48 | 1/4 | 3,772.84 | 1/4 | 3,965.88 | 1/4 | 4,144.27 | 1/4 | 4,309.12 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,582.53 | 1/2 | 3,776.89 | 1/2 | 3,969.77 | 1/2 | 4,147.77 | 1/2 | 4,313.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,586.58 | 3/4 | 3,780.94 | 3/4 | 3,973.67 | 3/4 | 4,151.28 | 3/4 | 4,317.12 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,590.63 | 2 | 3,784.99 | 2 | 3,977.57 | 2 | 4,154.78 | 2 | 4,321.11 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,594.68 | 1/4 | 3,789.04 | 1/4 | 3,981.44 | 1/4 | 4,158.25 | 1/4 | 4,325.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,598.73 | 1/2 | 3,793.09 | 1/2 | 3,985.31 | 1/2 | 4,161.73 | 1/2 | 4,329.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,602.77 | 3/4 | 3,797.14 | 3/4 | 3,989.18 | 3/4 | 4,165.20 | 3/4 | 4,333.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,606.82 | 3 | 3,801.19 | 3 | 3,993.05 | 3 | 4,168.67 | 3 | 4,337.10 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,610.87 | 1/4 | 3,805.23 | 1/4 | 3,996.89 | 1/4 | 4,172.11 | 1/4 | 4,341.09 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,614.92 | 1/2 | 3,809.28 | 1/2 | 4,000.72 | 1/2 | 4,175.55 | 1/2 | 4,345.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,618.97 | 3/4 | 3,813.33 | 3/4 | 4,004.56 | 3/4 | 4,179.00 | 3/4 | 4,349.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,623.02 | 4 | 3,817.38 | 4 | 4,008.39 | 4 | 4,182.44 | 4 | 4,353.08 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,627.07 | 1/4 | 3,821.43 | 1/4 | 4,012.20 | 1/4 | 4,185.85 | 1/4 | 4,357.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,631.12 | 1/2 | 3,825.48 | 1/2 | 4,016.00 | 1/2 | 4,189.26 | 1/2 | 4,361.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,635.17 | 3/4 | 3,829.53 | 3/4 | 4,019.80 | 3/4 | 4,192.67 | 3/4 | 4,365.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,639.22 | 5 | 3,833.58 | 5 | 4,023.60 | 5 | 4,196.07 | 5 | 4,369.06 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,643.27 | 1/4 | 3,837.63 | 1/4 | 4,027.37 | 1/4 | 4,199.45 | 1/4 | 4,372.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,647.32 | 1/2 | 3,841.68 | 1/2 | 4,031.15 | 1/2 | 4,202.82 | 1/2 | 4,376.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,651.36 | 3/4 | 3,845.73 | 3/4 | 4,034.92 | 3/4 | 4,206.20 | 3/4 | 4,380.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,655.41 | 6 | 3,849.78 | 6 | 4,038.69 | 6 | 4,209.58 | 6 | 4,384.51 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,659.46 | 1/4 | 3,853.82 | 1/4 | 4,042.43 | 1/4 | 4,212.92 | 1/4 | 4,387.39 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,663.51 | 1/2 | 3,857.87 | 1/2 | 4,046.17 | 1/2 | 4,216.26 | 1/2 | 4,390.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,667.56 | 3/4 | 3,861.92 | 3/4 | 4,049.92 | 3/4 | 4,219.61 | 3/4 | 4,393.15 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,671.61 | 7 | 3,865.97 | 7 | 4,053.66 | 7 | 4,222.95 | 7 | 4,396.03 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,675.66 | 1/4 | 3,870.02 | 1/4 | 4,057.37 | 1/4 | 4,226.27 | 1/4 | 4,397.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,679.71 | 1/2 | 3,874.07 | 1/2 | 4,061.07 | 1/2 | 4,229.58 | 1/2 | 4,399.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,683.76 | 3/4 | 3,878.12 | 3/4 | 4,064.78 | 3/4 | 4,232.90 | 3/4 | 4,401.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,687.81 | 8 | 3,882.17 | 8 | 4,068.49 | 8 | 4,236.21 | 8 | 4,402.67 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,691.86 | 1/4 | 3,886.21 | 1/4 | 4,072.17 | 1/4 | 4,239.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,695.91 | 1/2 | 3,890.26 | 1/2 | 4,075.84 | 1/2 | 4,242.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,699.96 | 3/4 | 3,894.30 | 3/4 | 4,079.52 | 3/4 | 4,246.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,704.00 | 9 | 3,898.34 | 9 | 4,083.19 | 9 | 4,249.35 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,708.05 | 1/4 | 3,902.37 | 1/4 | 4,086.83 | 1/4 | 4,252.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,712.10 | 1/2 | 3,906.39 | 1/2 | 4,090.48 | 1/2 | 4,255.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,716.15 | 3/4 | 3,910.42 | 3/4 | 4,094.12 | 3/4 | 4,259.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,720.20 | 10 | 3,914.44 | 10 | 4,097.77 | 10 | 4,262.35 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,724.25 | 1/4 | 3,918.44 | 1/4 | 4,101.38 | 1/4 | 4,265.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,728.30 | 1/2 | 3,922.43 | 1/2 | 4,105.00 | 1/2 | 4,268.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,732.35 | 3/4 | 3,926.43 | 3/4 | 4,108.61 | 3/4 | 4,272.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,736.40 | 11 | 3,930.42 | 11 | 4,112.22 | 11 | 4,275.22 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,740.45 | 1/4 | 3,934.38 | 1/4 | 4,115.81 | 1/4 | 4,278.76 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,744.50 | 1/2 | 3,938.34 | 1/2 | 4,119.39 | 1/2 | 4,282.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,748.55 | 3/4 | 3,942.30 | 3/4 | 4,122.98 | 3/4 | 4,285.82 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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BARGE "DBL 314"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| 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 | 21.21 | 0 | 351.71 | 0 | 709.40 | 0 | 1,056.82 | 0 | 1,409.20 | 0 | 1,767.52 | 0 | 2,126.34 | 0 | 2,485.10 | 0 | 2,841.97 | 0 | 3,199.48 |
| 1/4 | 25.41 | 1/4 | 359.04 | 1/4 | 716.88 | 1/4 | 1,063.97 | 1/4 | 1,416.61 | 1/4 | 1,775.00 | 1/4 | 2,133.81 | 1/4 | 2,492.58 | 1/4 | 2,849.43 | 1/4 | 3,206.91 |
| 1/2 | 29.61 | 1/2 | 366.38 | 1/2 | 724.36 | 1/2 | 1,071.11 | 1/2 | 1,424.02 | 1/2 | 1,782.47 | 1/2 | 2,141.29 | 1/2 | 2,500.05 | 1/2 | 2,856.89 | 1/2 | 3,214.33 |
| 3/4 | 33.80 | 3/4 | 373.71 | 3/4 | 731.84 | 3/4 | 1,078.25 | 3/4 | 1,431.44 | 3/4 | 1,789.95 | 3/4 | 2,148.76 | 3/4 | 2,507.52 | 3/4 | 2,864.35 | 3/4 | 3,221.76 |
| 1 | 38.00 | 1 | 381.04 | 1 | 739.32 | 1 | 1,085.39 | 1 | 1,438.85 | 1 | 1,797.42 | 1 | 2,156.24 | 1 | 2,515.00 | 1 | 2,871.81 | 1 | 3,229.19 |
| 1/4 | 43.44 | 1/4 | 388.37 | 1/4 | 746.79 | 1/4 | 1,092.53 | 1/4 | 1,446.27 | 1/4 | 1,804.90 | 1/4 | 2,163.71 | 1/4 | 2,522.47 | 1/4 | 2,879.26 | 1/4 | 3,236.61 |
| 1/2 | 48.88 | 1/2 | 395.70 | 1/2 | 754.27 | 1/2 | 1,099.67 | 1/2 | 1,453.68 | 1/2 | 1,812.38 | 1/2 | 2,171.18 | 1/2 | 2,529.95 | 1/2 | 2,886.72 | 1/2 | 3,244.04 |
| 3/4 | 54.31 | 3/4 | 403.03 | 3/4 | 761.75 | 3/4 | 1,106.81 | 3/4 | 1,461.10 | 3/4 | 1,819.85 | 3/4 | 2,178.66 | 3/4 | 2,537.42 | 3/4 | 2,894.17 | 3/4 | 3,251.46 |
| 2 | 59.75 | 2 | 410.36 | 2 | 769.23 | 2 | 1,113.95 | 2 | 1,468.51 | 2 | 1,827.33 | 2 | 2,186.13 | 2 | 2,544.89 | 2 | 2,901.63 | 2 | 3,258.89 |
| 1/4 | 66.42 | 1/4 | 417.82 | 1/4 | 776.71 | 1/4 | 1,121.09 | 1/4 | 1,475.98 | 1/4 | 1,834.80 | 1/4 | 2,193.61 | 1/4 | 2,552.37 | 1/4 | 2,909.08 | 1/4 | 3,266.31 |
| 1/2 | 73.10 | 1/2 | 425.28 | 1/2 | 784.18 | 1/2 | 1,128.24 | 1/2 | 1,483.45 | 1/2 | 1,842.28 | 1/2 | 2,201.08 | 1/2 | 2,559.84 | 1/2 | 2,916.53 | 1/2 | 3,273.74 |
| 3/4 | 79.77 | 3/4 | 432.74 | 3/4 | 791.66 | 3/4 | 1,135.38 | 3/4 | 1,490.92 | 3/4 | 1,849.76 | 3/4 | 2,208.56 | 3/4 | 2,567.32 | 3/4 | 2,923.98 | 3/4 | 3,281.17 |
| 3 | 86.44 | 3 | 440.20 | 3 | 799.14 | 3 | 1,142.52 | 3 | 1,498.38 | 3 | 1,857.23 | 3 | 2,216.03 | 3 | 2,574.79 | 3 | 2,931.44 | 3 | 3,288.59 |
| 1/4 | 93.83 | 1/4 | 447.67 | 1/4 | 806.37 | 1/4 | 1,149.91 | 1/4 | 1,505.86 | 1/4 | 1,864.71 | 1/4 | 2,223.50 | 1/4 | 2,582.26 | 1/4 | 2,938.89 | 1/4 | 3,296.03 |
| 1/2 | 101.21 | 1/2 | 455.15 | 1/2 | 813.60 | 1/2 | 1,157.30 | 1/2 | 1,513.34 | 1/2 | 1,872.18 | 1/2 | 2,230.98 | 1/2 | 2,589.74 | 1/2 | 2,946.34 | 1/2 | 3,303.47 |
| 3/4 | 108.60 | 3/4 | 462.63 | 3/4 | 820.83 | 3/4 | 1,164.69 | 3/4 | 1,520.81 | 3/4 | 1,879.66 | 3/4 | 2,238.45 | 3/4 | 2,597.21 | 3/4 | 2,953.79 | 3/4 | 3,310.91 |
| 4 | 115.98 | 4 | 470.11 | 4 | 828.06 | 4 | 1,172.07 | 4 | 1,528.29 | 4 | 1,887.14 | 4 | 2,245.93 | 4 | 2,604.68 | 4 | 2,961.25 | 4 | 3,318.35 |
| 1/4 | 123.45 | 1/4 | 477.59 | 1/4 | 835.23 | 1/4 | 1,179.47 | 1/4 | 1,535.76 | 1/4 | 1,894.61 | 1/4 | 2,253.40 | 1/4 | 2,612.06 | 1/4 | 2,968.70 | 1/4 | 3,325.79 |
| 1/2 | 130.92 | 1/2 | 485.06 | 1/2 | 842.40 | 1/2 | 1,186.87 | 1/2 | 1,543.24 | 1/2 | 1,902.09 | 1/2 | 2,260.87 | 1/2 | 2,619.44 | 1/2 | 2,976.15 | 1/2 | 3,333.23 |
| 3/4 | 138.39 | 3/4 | 492.54 | 3/4 | 849.57 | 3/4 | 1,194.27 | 3/4 | 1,550.72 | 3/4 | 1,909.56 | 3/4 | 2,268.35 | 3/4 | 2,626.82 | 3/4 | 2,983.60 | 3/4 | 3,340.68 |
| 5 | 145.86 | 5 | 500.02 | 5 | 856.74 | 5 | 1,201.67 | 5 | 1,558.19 | 5 | 1,917.04 | 5 | 2,275.82 | 5 | 2,634.20 | 5 | 2,991.06 | 5 | 3,348.12 |
| 1/4 | 153.32 | 1/4 | 507.50 | 1/4 | 863.91 | 1/4 | 1,209.07 | 1/4 | 1,565.67 | 1/4 | 1,924.52 | 1/4 | 2,283.30 | 1/4 | 2,641.57 | 1/4 | 2,998.51 | 1/4 | 3,355.56 |
| 1/2 | 160.78 | 1/2 | 514.98 | 1/2 | 871.08 | 1/2 | 1,216.47 | 1/2 | 1,573.14 | 1/2 | 1,931.99 | 1/2 | 2,290.77 | 1/2 | 2,648.93 | 1/2 | 3,005.96 | 1/2 | 3,363.00 |
| 3/4 | 168.25 | 3/4 | 522.45 | 3/4 | 878.24 | 3/4 | 1,223.86 | 3/4 | 1,580.62 | 3/4 | 1,939.47 | 3/4 | 2,298.25 | 3/4 | 2,656.30 | 3/4 | 3,013.41 | 3/4 | 3,370.44 |
| 6 | 175.71 | 6 | 529.93 | 6 | 885.41 | 6 | 1,231.26 | 6 | 1,588.10 | 6 | 1,946.94 | 6 | 2,305.72 | 6 | 2,663.67 | 6 | 3,020.87 | 6 | 3,377.88 |
| 1/4 | 183.06 | 1/4 | 537.41 | 1/4 | 892.56 | 1/4 | 1,238.67 | 1/4 | 1,595.57 | 1/4 | 1,954.42 | 1/4 | 2,313.19 | 1/4 | 2,671.03 | 1/4 | 3,028.32 | 1/4 | 3,385.32 |
| 1/2 | 190.41 | 1/2 | 544.89 | 1/2 | 899.70 | 1/2 | 1,246.08 | 1/2 | 1,603.05 | 1/2 | 1,961.90 | 1/2 | 2,320.67 | 1/2 | 2,678.40 | 1/2 | 3,035.77 | 1/2 | 3,392.77 |
| 3/4 | 197.75 | 3/4 | 552.37 | 3/4 | 906.85 | 3/4 | 1,253.50 | 3/4 | 1,610.52 | 3/4 | 1,969.37 | 3/4 | 2,328.14 | 3/4 | 2,685.77 | 3/4 | 3,043.22 | 3/4 | 3,400.21 |
| 7 | 205.10 | 7 | 559.84 | 7 | 914.00 | 7 | 1,260.91 | 7 | 1,618.00 | 7 | 1,976.85 | 7 | 2,335.62 | 7 | 2,693.13 | 7 | 3,050.68 | 7 | 3,407.65 |
| 1/4 | 212.43 | 1/4 | 567.32 | 1/4 | 921.14 | 1/4 | 1,268.32 | 1/4 | 1,625.48 | 1/4 | 1,984.32 | 1/4 | 2,343.09 | 1/4 | 2,700.50 | 1/4 | 3,058.14 | 1/4 | 3,415.09 |
| 1/2 | 219.76 | 1/2 | 574.80 | 1/2 | 928.28 | 1/2 | 1,275.74 | 1/2 | 1,632.95 | 1/2 | 1,991.80 | 1/2 | 2,350.57 | 1/2 | 2,707.87 | 1/2 | 3,065.59 | 1/2 | 3,422.53 |
| 3/4 | 227.09 | 3/4 | 582.28 | 3/4 | 935.42 | 3/4 | 1,283.15 | 3/4 | 1,640.43 | 3/4 | 1,999.28 | 3/4 | 2,358.04 | 3/4 | 2,715.23 | 3/4 | 3,073.05 | 3/4 | 3,429.97 |
| 8 | 234.42 | 8 | 589.76 | 8 | 942.56 | 8 | 1,290.57 | 8 | 1,647.90 | 8 | 2,006.75 | 8 | 2,365.51 | 8 | 2,722.60 | 8 | 3,080.51 | 8 | 3,437.42 |
| 1/4 | 241.75 | 1/4 | 597.23 | 1/4 | 949.71 | 1/4 | 1,297.98 | 1/4 | 1,655.38 | 1/4 | 2,014.23 | 1/4 | 2,372.99 | 1/4 | 2,730.06 | 1/4 | 3,087.97 | 1/4 | 3,444.86 |
| 1/2 | 249.08 | 1/2 | 604.71 | 1/2 | 956.85 | 1/2 | 1,305.40 | 1/2 | 1,662.86 | 1/2 | 2,021.70 | 1/2 | 2,380.46 | 1/2 | 2,737.52 | 1/2 | 3,095.43 | 1/2 | 3,452.30 |
| 3/4 | 256.41 | 3/4 | 612.19 | 3/4 | 963.99 | 3/4 | 1,312.81 | 3/4 | 1,670.33 | 3/4 | 2,029.17 | 3/4 | 2,387.94 | 3/4 | 2,744.98 | 3/4 | 3,102.89 | 3/4 | 3,459.74 |
| 9 | 263.75 | 9 | 619.67 | 9 | 971.13 | 9 | 1,320.22 | 9 | 1,677.81 | 9 | 2,036.65 | 9 | 2,395.41 | 9 | 2,752.44 | 9 | 3,110.35 | 9 | 3,467.18 |
| 1/4 | 271.08 | 1/4 | 627.15 | 1/4 | 978.27 | 1/4 | 1,327.64 | 1/4 | 1,685.28 | 1/4 | 2,044.12 | 1/4 | 2,402.88 | 1/4 | 2,759.91 | 1/4 | 3,117.78 | 1/4 | 3,474.63 |
| 1/2 | 278.41 | 1/2 | 634.62 | 1/2 | 985.41 | 1/2 | 1,335.05 | 1/2 | 1,692.76 | 1/2 | 2,051.60 | 1/2 | 2,410.36 | 1/2 | 2,767.37 | 1/2 | 3,125.21 | 1/2 | 3,476.07 |
| 3/4 | 285.74 | 3/4 | 642.10 | 3/4 | 992.55 | 3/4 | 1,342.47 | 3/4 | 1,700.24 | 3/4 | 2,059.07 | 3/4 | 2,417.83 | 3/4 | 2,774.83 | 3/4 | 3,132.64 | 3/4 | 3,480.52 |
| 10 | 293.07 | 10 | 649.58 | 10 | 999.69 | 10 | 1,349.88 | 10 | 1,707.71 | 10 | 2,066.55 | 10 | 2,425.31 | 10 | 2,782.29 | 10 | 3,140.07 | 10 | 3,484.96 |
| 1/4 | 300.40 | 1/4 | 657.06 | 1/4 | 1,006.84 | 1/4 | 1,357.30 | 1/4 | 1,715.19 | 1/4 | 2,074.02 | 1/4 | 2,432.78 | 1/4 | 2,789.75 | 1/4 | 3,147.50 | 1/4 | 3,488.98 |
| 1/2 | 307.73 | 1/2 | 664.54 | 1/2 | 1,013.98 | 1/2 | 1,364.71 | 1/2 | 1,722.66 | 1/2 | 2,081.49 | 1/2 | 2,440.26 | 1/2 | 2,797.21 | 1/2 | 3,154.93 | 1/2 | 3,493.00 |
| 3/4 | 315.06 | 3/4 | 672.01 | 3/4 | 1,021.12 | 3/4 | 1,372.12 | 3/4 | 1,730.14 | 3/4 | 2,088.97 | 3/4 | 2,447.73 | 3/4 | 2,804.67 | 3/4 | 3,162.35 | 3/4 | 3,497.02 |
| 11 | 322.39 | 11 | 679.49 | 11 | 1,028.26 | 11 | 1,379.54 | 11 | 1,737.62 | 11 | 2,096.44 | 11 | 2,455.20 | 11 | 2,812.13 | 11 | 3,169.78 | 11 | 3,501.04 |
| 1/4 | 329.72 | 1/4 | 686.97 | 1/4 | 1,035.40 | 1/4 | 1,386.95 | 1/4 | 1,745.09 | 1/4 | 2,103.92 | 1/4 | 2,462.68 | 1/4 | 2,819.59 | 1/4 | 3,177.20 | 1/4 | 3,505.05 |
| 1/2 | 337.05 | 1/2 | 694.45 | 1/2 | 1,042.54 | 1/2 | 1,394.37 | 1/2 | 1,752.57 | 1/2 | 2,111.39 | 1/2 | 2,470.15 | 1/2 | 2,827.05 | 1/2 | 3,184.63 | 1/2 | 3,509.07 |
| 3/4 | 344.38 | 3/4 | 701.93 | 3/4 | 1,049.68 | 3/4 | 1,401.78 | 3/4 | 1,760.04 | 3/4 | 2,118.87 | 3/4 | 2,477.63 | 3/4 | 2,834.51 | 3/4 | 3,192.06 | 3/4 | 3,513.09 |

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 OF 2" DIAMETER "HERMETIC" VALVE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-06" OFF CENTERLINE AND 55'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "DBL 314"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,517.11 | 0 | 3,709.97 | 0 | 3,902.14 | 0 | 4,081.01 | 0 | 4,242.43 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,521.13 | 1/4 | 3,713.99 | 1/4 | 3,906.04 | 1/4 | 4,084.53 | 1/4 | 4,246.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,525.14 | 1/2 | 3,718.01 | 1/2 | 3,909.94 | 1/2 | 4,088.05 | 1/2 | 4,250.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,529.16 | 3/4 | 3,722.03 | 3/4 | 3,913.84 | 3/4 | 4,091.57 | 3/4 | 4,254.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,533.18 | 1 | 3,726.04 | 1 | 3,917.74 | 1 | 4,095.09 | 1 | 4,258.08 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,537.20 | 1/4 | 3,730.06 | 1/4 | 3,921.61 | 1/4 | 4,098.57 | 1/4 | 4,262.04 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,541.22 | 1/2 | 3,734.08 | 1/2 | 3,925.47 | 1/2 | 4,102.04 | 1/2 | 4,266.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,545.23 | 3/4 | 3,738.10 | 3/4 | 3,929.34 | 3/4 | 4,105.52 | 3/4 | 4,269.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,549.25 | 2 | 3,742.12 | 2 | 3,933.21 | 2 | 4,108.99 | 2 | 4,273.94 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,553.27 | 1/4 | 3,746.13 | 1/4 | 3,937.05 | 1/4 | 4,112.44 | 1/4 | 4,277.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,557.29 | 1/2 | 3,750.15 | 1/2 | 3,940.89 | 1/2 | 4,115.88 | 1/2 | 4,281.87 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,561.31 | 3/4 | 3,754.17 | 3/4 | 3,944.73 | 3/4 | 4,119.32 | 3/4 | 4,285.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,565.32 | 3 | 3,758.19 | 3 | 3,948.57 | 3 | 4,122.77 | 3 | 4,289.80 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,569.34 | 1/4 | 3,762.21 | 1/4 | 3,952.37 | 1/4 | 4,126.18 | 1/4 | 4,293.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,573.36 | 1/2 | 3,766.22 | 1/2 | 3,956.18 | 1/2 | 4,129.59 | 1/2 | 4,297.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,577.38 | 3/4 | 3,770.24 | 3/4 | 3,959.98 | 3/4 | 4,133.01 | 3/4 | 4,301.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,581.40 | 4 | 3,774.26 | 4 | 3,963.79 | 4 | 4,136.42 | 4 | 4,305.66 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,585.41 | 1/4 | 3,778.28 | 1/4 | 3,967.56 | 1/4 | 4,139.80 | 1/4 | 4,309.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,589.43 | 1/2 | 3,782.30 | 1/2 | 3,971.33 | 1/2 | 4,143.18 | 1/2 | 4,313.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,593.45 | 3/4 | 3,786.31 | 3/4 | 3,975.11 | 3/4 | 4,146.56 | 3/4 | 4,317.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,597.47 | 5 | 3,790.33 | 5 | 3,978.88 | 5 | 4,149.94 | 5 | 4,321.52 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,601.49 | 1/4 | 3,794.35 | 1/4 | 3,982.62 | 1/4 | 4,153.29 | 1/4 | 4,325.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,605.50 | 1/2 | 3,798.37 | 1/2 | 3,986.36 | 1/2 | 4,156.63 | 1/2 | 4,329.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,609.52 | 3/4 | 3,802.39 | 3/4 | 3,990.10 | 3/4 | 4,159.98 | 3/4 | 4,333.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,613.54 | 6 | 3,806.40 | 6 | 3,993.85 | 6 | 4,163.33 | 6 | 4,336.84 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,617.56 | 1/4 | 3,810.42 | 1/4 | 3,997.56 | 1/4 | 4,166.64 | 1/4 | 4,339.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,621.58 | 1/2 | 3,814.44 | 1/2 | 4,001.27 | 1/2 | 4,169.96 | 1/2 | 4,342.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,625.59 | 3/4 | 3,818.46 | 3/4 | 4,004.98 | 3/4 | 4,173.28 | 3/4 | 4,345.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,629.61 | 7 | 3,822.48 | 7 | 4,008.69 | 7 | 4,176.59 | 7 | 4,348.26 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,633.63 | 1/4 | 3,826.49 | 1/4 | 4,012.37 | 1/4 | 4,179.88 | 1/4 | 4,349.90 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,637.65 | 1/2 | 3,830.51 | 1/2 | 4,016.05 | 1/2 | 4,183.17 | 1/2 | 4,351.53 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,641.67 | 3/4 | 3,834.53 | 3/4 | 4,019.73 | 3/4 | 4,186.45 | 3/4 | 4,353.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,645.68 | 8 | 3,838.55 | 8 | 4,023.41 | 8 | 4,189.74 | 8 | 4,354.81 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,649.70 | 1/4 | 3,842.56 | 1/4 | 4,027.05 | 1/4 | 4,192.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,653.72 | 1/2 | 3,846.57 | 1/2 | 4,030.70 | 1/2 | 4,196.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.74 | 3/4 | 3,850.59 | 3/4 | 4,034.34 | 3/4 | 4,199.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,661.76 | 9 | 3,854.60 | 9 | 4,037.99 | 9 | 4,202.76 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,665.77 | 1/4 | 3,858.59 | 1/4 | 4,041.60 | 1/4 | 4,205.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,669.79 | 1/2 | 3,862.59 | 1/2 | 4,045.22 | 1/2 | 4,209.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,673.81 | 3/4 | 3,866.58 | 3/4 | 4,048.83 | 3/4 | 4,212.43 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,677.83 | 10 | 3,870.58 | 10 | 4,052.45 | 10 | 4,215.66 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,681.85 | 1/4 | 3,874.54 | 1/4 | 4,056.03 | 1/4 | 4,218.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,685.86 | 1/2 | 3,878.50 | 1/2 | 4,059.62 | 1/2 | 4,222.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,689.88 | 3/4 | 3,882.46 | 3/4 | 4,063.20 | 3/4 | 4,225.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,693.90 | 11 | 3,886.43 | 11 | 4,066.79 | 11 | 4,228.42 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,697.92 | 1/4 | 3,890.36 | 1/4 | 4,070.34 | 1/4 | 4,231.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,701.94 | 1/2 | 3,894.29 | 1/2 | 4,073.90 | 1/2 | 4,235.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,705.95 | 3/4 | 3,898.21 | 3/4 | 4,077.45 | 3/4 | 4,238.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2019

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