# BARGE "FMT 2048"

**PORT**

**HORIZONTAL**

## INNAGE TABLE

**BERGAN GAUGE**

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 | 0.12 | 0 | 187.87 | 0 | 524.65 | 0 | 949.39 | 0 | 1,436.50 | 0 | 1,969.58 | 0 | 2,536.01 | 0 | 3,125.18 | 0 | 3,727.58 | 0 | 4,334.27 |
| 1/4 | 1.27 | 1/4 | 193.77 | 1/4 | 532.78 | 1/4 | 959.01 | 1/4 | 1,447.22 | 1/4 | 1,981.10 | 1/4 | 2,548.10 | 1/4 | 3,137.63 | 1/4 | 3,740.21 | 1/4 | 4,346.89 |
| 1/2 | 2.41 | 1/2 | 199.68 | 1/2 | 540.90 | 1/2 | 968.63 | 1/2 | 1,457.93 | 1/2 | 1,992.62 | 1/2 | 2,560.19 | 1/2 | 3,150.09 | 1/2 | 3,752.84 | 1/2 | 4,359.51 |
| 3/4 | 3.55 | 3/4 | 205.58 | 3/4 | 549.02 | 3/4 | 978.24 | 3/4 | 1,468.65 | 3/4 | 2,004.14 | 3/4 | 2,572.28 | 3/4 | 3,162.54 | 3/4 | 3,765.46 | 3/4 | 4,372.13 |
| 1 | 4.69 | 1 | 211.49 | 1 | 557.15 | 1 | 987.86 | 1 | 1,479.36 | 1 | 2,015.67 | 1 | 2,584.37 | 1 | 3,175.00 | 1 | 3,778.09 | 1 | 4,384.75 |
| 1/4 | 6.78 | 1/4 | 217.61 | 1/4 | 565.42 | 1/4 | 997.59 | 1/4 | 1,490.16 | 1/4 | 2,027.24 | 1/4 | 2,596.50 | 1/4 | 3,187.47 | 1/4 | 3,790.73 | 1/4 | 4,397.36 |
| 1/2 | 8.87 | 1/2 | 223.74 | 1/2 | 573.68 | 1/2 | 1,007.31 | 1/2 | 1,500.95 | 1/2 | 2,038.82 | 1/2 | 2,608.63 | 1/2 | 3,199.95 | 1/2 | 3,803.36 | 1/2 | 4,409.97 |
| 3/4 | 10.96 | 3/4 | 229.87 | 3/4 | 581.95 | 3/4 | 1,017.03 | 3/4 | 1,511.74 | 3/4 | 2,050.40 | 3/4 | 2,620.76 | 3/4 | 3,212.43 | 3/4 | 3,816.00 | 3/4 | 4,422.58 |
| 2 | 13.04 | 2 | 235.99 | 2 | 590.22 | 2 | 1,026.75 | 2 | 1,522.53 | 2 | 2,061.97 | 2 | 2,632.89 | 2 | 3,224.90 | 2 | 3,828.63 | 2 | 4,435.19 |
| 1/4 | 15.75 | 1/4 | 242.36 | 1/4 | 598.63 | 1/4 | 1,036.58 | 1/4 | 1,533.40 | 1/4 | 2,073.61 | 1/4 | 2,645.06 | 1/4 | 3,237.40 | 1/4 | 3,841.27 | 1/4 | 4,447.79 |
| 1/2 | 18.45 | 1/2 | 248.72 | 1/2 | 607.04 | 1/2 | 1,046.40 | 1/2 | 1,544.27 | 1/2 | 2,085.24 | 1/2 | 2,657.22 | 1/2 | 3,249.90 | 1/2 | 3,853.91 | 1/2 | 4,460.39 |
| 3/4 | 21.15 | 3/4 | 255.08 | 3/4 | 615.44 | 3/4 | 1,056.23 | 3/4 | 1,555.13 | 3/4 | 2,096.87 | 3/4 | 2,669.39 | 3/4 | 3,262.40 | 3/4 | 3,866.55 | 3/4 | 4,472.99 |
| 3 | 23.85 | 3 | 261.45 | 3 | 623.85 | 3 | 1,066.05 | 3 | 1,566.00 | 3 | 2,108.50 | 3 | 2,681.55 | 3 | 3,274.89 | 3 | 3,879.19 | 3 | 4,485.59 |
| 1/4 | 27.05 | 1/4 | 268.04 | 1/4 | 632.40 | 1/4 | 1,075.98 | 1/4 | 1,576.94 | 1/4 | 2,120.18 | 1/4 | 2,693.76 | 1/4 | 3,287.41 | 1/4 | 3,891.84 | 1/4 | 4,498.18 |
| 1/2 | 30.24 | 1/2 | 274.63 | 1/2 | 640.94 | 1/2 | 1,085.90 | 1/2 | 1,587.88 | 1/2 | 2,131.87 | 1/2 | 2,705.96 | 1/2 | 3,299.92 | 1/2 | 3,904.48 | 1/2 | 4,510.77 |
| 3/4 | 33.44 | 3/4 | 281.22 | 3/4 | 649.49 | 3/4 | 1,095.83 | 3/4 | 1,598.83 | 3/4 | 2,143.55 | 3/4 | 2,718.16 | 3/4 | 3,312.44 | 3/4 | 3,917.12 | 3/4 | 4,523.36 |
| 4 | 36.64 | 4 | 287.82 | 4 | 658.03 | 4 | 1,105.75 | 4 | 1,609.77 | 4 | 2,155.24 | 4 | 2,730.36 | 4 | 3,324.96 | 4 | 3,929.77 | 4 | 4,535.94 |
| 1/4 | 40.26 | 1/4 | 294.60 | 1/4 | 666.71 | 1/4 | 1,115.77 | 1/4 | 1,620.78 | 1/4 | 2,166.97 | 1/4 | 2,742.59 | 1/4 | 3,337.49 | 1/4 | 3,942.41 | 1/4 | 4,548.52 |
| 1/2 | 43.88 | 1/2 | 301.39 | 1/2 | 675.38 | 1/2 | 1,125.79 | 1/2 | 1,631.79 | 1/2 | 2,178.71 | 1/2 | 2,754.83 | 1/2 | 3,350.02 | 1/2 | 3,955.06 | 1/2 | 4,561.09 |
| 3/4 | 47.50 | 3/4 | 308.18 | 3/4 | 684.06 | 3/4 | 1,135.81 | 3/4 | 1,642.80 | 3/4 | 2,190.45 | 3/4 | 2,767.06 | 3/4 | 3,362.56 | 3/4 | 3,967.70 | 3/4 | 4,573.67 |
| 5 | 51.12 | 5 | 314.97 | 5 | 692.74 | 5 | 1,145.83 | 5 | 1,653.82 | 5 | 2,202.18 | 5 | 2,779.30 | 5 | 3,375.09 | 5 | 3,980.35 | 5 | 4,586.25 |
| 1/4 | 55.12 | 1/4 | 321.94 | 1/4 | 701.54 | 1/4 | 1,155.95 | 1/4 | 1,664.90 | 1/4 | 2,213.97 | 1/4 | 2,791.56 | 1/4 | 3,387.64 | 1/4 | 3,993.00 | 1/4 | 4,598.81 |
| 1/2 | 59.12 | 1/2 | 328.92 | 1/2 | 710.35 | 1/2 | 1,166.07 | 1/2 | 1,675.98 | 1/2 | 2,225.75 | 1/2 | 2,803.83 | 1/2 | 3,400.19 | 1/2 | 4,005.64 | 1/2 | 4,611.37 |
| 3/4 | 63.12 | 3/4 | 335.89 | 3/4 | 719.15 | 3/4 | 1,176.18 | 3/4 | 1,687.06 | 3/4 | 2,237.54 | 3/4 | 2,816.10 | 3/4 | 3,412.74 | 3/4 | 4,018.29 | 3/4 | 4,623.93 |
| 6 | 67.12 | 6 | 342.87 | 6 | 727.96 | 6 | 1,186.30 | 6 | 1,698.15 | 6 | 2,249.32 | 6 | 2,828.36 | 6 | 3,425.29 | 6 | 4,030.94 | 6 | 4,636.49 |
| 1/4 | 71.46 | 1/4 | 350.02 | 1/4 | 736.89 | 1/4 | 1,196.50 | 1/4 | 1,709.30 | 1/4 | 2,261.16 | 1/4 | 2,840.66 | 1/4 | 3,437.86 | 1/4 | 4,043.58 | 1/4 | 4,649.04 |
| 1/2 | 75.80 | 1/2 | 357.18 | 1/2 | 745.82 | 1/2 | 1,206.71 | 1/2 | 1,720.45 | 1/2 | 2,272.99 | 1/2 | 2,852.96 | 1/2 | 3,450.42 | 1/2 | 4,056.23 | 1/2 | 4,661.58 |
| 3/4 | 80.14 | 3/4 | 364.34 | 3/4 | 754.75 | 3/4 | 1,216.92 | 3/4 | 1,731.60 | 3/4 | 2,284.82 | 3/4 | 2,865.26 | 3/4 | 3,462.99 | 3/4 | 4,068.88 | 3/4 | 4,674.13 |
| 7 | 84.48 | 7 | 371.49 | 7 | 763.69 | 7 | 1,227.13 | 7 | 1,742.75 | 7 | 2,296.66 | 7 | 2,877.55 | 7 | 3,475.55 | 7 | 4,081.52 | 7 | 4,686.68 |
| 1/4 | 89.14 | 1/4 | 378.82 | 1/4 | 772.74 | 1/4 | 1,237.43 | 1/4 | 1,753.96 | 1/4 | 2,308.54 | 1/4 | 2,889.88 | 1/4 | 3,488.13 | 1/4 | 4,094.17 | 1/4 | 4,699.20 |
| 1/2 | 93.79 | 1/2 | 386.15 | 1/2 | 781.79 | 1/2 | 1,247.72 | 1/2 | 1,765.18 | 1/2 | 2,320.42 | 1/2 | 2,902.21 | 1/2 | 3,500.71 | 1/2 | 4,106.81 | 1/2 | 4,711.73 |
| 3/4 | 98.45 | 3/4 | 393.49 | 3/4 | 790.85 | 3/4 | 1,258.02 | 3/4 | 1,776.40 | 3/4 | 2,332.30 | 3/4 | 2,914.54 | 3/4 | 3,513.29 | 3/4 | 4,119.46 | 3/4 | 4,724.26 |
| 8 | 103.10 | 8 | 400.82 | 8 | 799.90 | 8 | 1,268.32 | 8 | 1,787.61 | 8 | 2,344.18 | 8 | 2,926.86 | 8 | 3,525.87 | 8 | 4,132.11 | 8 | 4,736.79 |
| 1/4 | 108.02 | 1/4 | 408.32 | 1/4 | 809.07 | 1/4 | 1,278.70 | 1/4 | 1,798.89 | 1/4 | 2,356.10 | 1/4 | 2,939.22 | 1/4 | 3,538.46 | 1/4 | 4,144.75 | 1/4 | 4,749.30 |
| 1/2 | 112.95 | 1/2 | 415.82 | 1/2 | 818.24 | 1/2 | 1,289.09 | 1/2 | 1,810.17 | 1/2 | 2,368.03 | 1/2 | 2,951.57 | 1/2 | 3,551.05 | 1/2 | 4,157.39 | 1/2 | 4,761.82 |
| 3/4 | 117.87 | 3/4 | 423.32 | 3/4 | 827.42 | 3/4 | 1,299.47 | 3/4 | 1,821.45 | 3/4 | 2,379.95 | 3/4 | 2,963.93 | 3/4 | 3,563.64 | 3/4 | 4,170.03 | 3/4 | 4,774.33 |
| 9 | 122.79 | 9 | 430.82 | 9 | 836.59 | 9 | 1,309.86 | 9 | 1,832.73 | 9 | 2,391.88 | 9 | 2,976.29 | 9 | 3,576.23 | 9 | 4,182.68 | 9 | 4,786.84 |
| 1/4 | 127.96 | 1/4 | 438.48 | 1/4 | 845.88 | 1/4 | 1,320.33 | 1/4 | 1,844.08 | 1/4 | 2,403.85 | 1/4 | 2,988.67 | 1/4 | 3,588.83 | 1/4 | 4,195.31 | 1/4 | 4,799.33 |
| 1/2 | 133.13 | 1/2 | 446.14 | 1/2 | 855.17 | 1/2 | 1,330.80 | 1/2 | 1,855.42 | 1/2 | 2,415.82 | 1/2 | 3,001.05 | 1/2 | 3,601.44 | 1/2 | 4,207.95 | 1/2 | 4,811.82 |
| 3/4 | 138.30 | 3/4 | 453.81 | 3/4 | 864.45 | 3/4 | 1,341.27 | 3/4 | 1,866.76 | 3/4 | 2,427.79 | 3/4 | 3,013.43 | 3/4 | 3,614.04 | 3/4 | 4,220.59 | 3/4 | 4,824.31 |
| 10 | 143.47 | 10 | 461.47 | 10 | 873.74 | 10 | 1,351.74 | 10 | 1,878.11 | 10 | 2,439.76 | 10 | 3,025.82 | 10 | 3,626.64 | 10 | 4,233.23 | 10 | 4,836.81 |
| 1/4 | 148.90 | 1/4 | 469.29 | 1/4 | 883.14 | 1/4 | 1,362.30 | 1/4 | 1,889.51 | 1/4 | 2,451.77 | 1/4 | 3,038.22 | 1/4 | 3,639.26 | 1/4 | 4,245.86 | 1/4 | 4,849.28 |
| 1/2 | 154.32 | 1/2 | 477.11 | 1/2 | 892.54 | 1/2 | 1,372.85 | 1/2 | 1,900.92 | 1/2 | 2,463.78 | 1/2 | 3,050.63 | 1/2 | 3,651.87 | 1/2 | 4,258.50 | 1/2 | 4,861.75 |
| 3/4 | 159.75 | 3/4 | 484.93 | 3/4 | 901.94 | 3/4 | 1,383.41 | 3/4 | 1,912.32 | 3/4 | 2,475.79 | 3/4 | 3,063.04 | 3/4 | 3,664.48 | 3/4 | 4,271.13 | 3/4 | 4,874.22 |
| 11 | 165.18 | 11 | 492.75 | 11 | 911.35 | 11 | 1,393.96 | 11 | 1,923.73 | 11 | 2,487.80 | 11 | 3,075.45 | 11 | 3,677.09 | 11 | 4,283.76 | 11 | 4,886.69 |
| 1/4 | 170.85 | 1/4 | 500.73 | 1/4 | 920.86 | 1/4 | 1,404.60 | 1/4 | 1,935.19 | 1/4 | 2,499.85 | 1/4 | 3,087.88 | 1/4 | 3,689.71 | 1/4 | 4,296.39 | 1/4 | 4,899.14 |
| 1/2 | 176.53 | 1/2 | 508.70 | 1/2 | 930.37 | 1/2 | 1,415.23 | 1/2 | 1,946.65 | 1/2 | 2,511.90 | 1/2 | 3,100.31 | 1/2 | 3,702.34 | 1/2 | 4,309.02 | 1/2 | 4,911.59 |
| 3/4 | 182.20 | 3/4 | 516.68 | 3/4 | 939.88 | 3/4 | 1,425.87 | 3/4 | 1,958.12 | 3/4 | 2,523.96 | 3/4 | 3,112.74 | 3/4 | 3,714.96 | 3/4 | 4,321.64 | 3/4 | 4,924.04 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

**BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E**
**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**

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

# BARGE "FMT 2048"

## PORT

## HORIZONTAL

## INNAGE TABLE

**BERGAN GAUGE**

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 | 4,936.49 | 0 | 5,525.28 | 0 | 6,091.13 | 0 | 6,623.39 | 0 | 7,109.39 | 0 | 7,532.60 | 0 | 7,867.69 | 0 | | 0 | | 0 | |
| 1/4 | 4,948.92 | 1/4 | 5,537.33 | 1/4 | 6,102.58 | 1/4 | 6,634.00 | 1/4 | 7,118.87 | 1/4 | 7,540.54 | 1/4 | 7,873.35 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4,961.34 | 1/2 | 5,549.37 | 1/2 | 6,114.03 | 1/2 | 6,644.62 | 1/2 | 7,128.36 | 1/2 | 7,548.48 | 1/2 | 7,879.01 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 4,973.77 | 3/4 | 5,561.41 | 3/4 | 6,125.48 | 3/4 | 6,655.23 | 3/4 | 7,137.84 | 3/4 | 7,556.41 | 3/4 | 7,884.68 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 4,986.20 | 1 | 5,573.45 | 1 | 6,136.93 | 1 | 6,665.85 | 1 | 7,147.32 | 1 | 7,564.35 | 1 | 7,890.34 | 1 | | 1 | | 1 | |
| 1/4 | 4,998.60 | 1/4 | 5,585.45 | 1/4 | 6,148.32 | 1/4 | 6,676.38 | 1/4 | 7,156.70 | 1/4 | 7,572.13 | 1/4 | 7,895.76 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,011.00 | 1/2 | 5,597.45 | 1/2 | 6,159.71 | 1/2 | 6,686.92 | 1/2 | 7,166.07 | 1/2 | 7,579.92 | 1/2 | 7,901.18 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,023.40 | 3/4 | 5,609.46 | 3/4 | 6,171.10 | 3/4 | 6,697.45 | 3/4 | 7,175.44 | 3/4 | 7,587.70 | 3/4 | 7,906.59 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 5,035.80 | 2 | 5,621.46 | 2 | 6,182.48 | 2 | 6,707.98 | 2 | 7,184.82 | 2 | 7,595.48 | 2 | 7,912.01 | 2 | | 2 | | 2 | |
| 1/4 | 5,048.18 | 1/4 | 5,633.41 | 1/4 | 6,193.81 | 1/4 | 6,718.43 | 1/4 | 7,194.08 | 1/4 | 7,603.10 | 1/4 | 7,917.16 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,060.55 | 1/2 | 5,645.37 | 1/2 | 6,205.14 | 1/2 | 6,728.88 | 1/2 | 7,203.33 | 1/2 | 7,610.73 | 1/2 | 7,922.32 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,072.93 | 3/4 | 5,657.33 | 3/4 | 6,216.47 | 3/4 | 6,739.33 | 3/4 | 7,212.59 | 3/4 | 7,618.35 | 3/4 | 7,927.47 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 5,085.31 | 3 | 5,669.29 | 3 | 6,227.80 | 3 | 6,749.78 | 3 | 7,221.85 | 3 | 7,625.97 | 3 | 7,932.63 | 3 | | 3 | | 3 | |
| 1/4 | 5,097.65 | 1/4 | 5,681.20 | 1/4 | 6,239.06 | 1/4 | 6,760.15 | 1/4 | 7,231.00 | 1/4 | 7,633.43 | 1/4 | 7,937.50 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,110.00 | 1/2 | 5,693.12 | 1/2 | 6,250.33 | 1/2 | 6,770.51 | 1/2 | 7,240.14 | 1/2 | 7,640.89 | 1/2 | 7,942.38 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,122.35 | 3/4 | 5,705.03 | 3/4 | 6,261.59 | 3/4 | 6,780.87 | 3/4 | 7,249.28 | 3/4 | 7,648.35 | 3/4 | 7,947.26 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 5,134.70 | 4 | 5,716.95 | 4 | 6,272.86 | 4 | 6,791.24 | 4 | 7,258.43 | 4 | 7,655.80 | 4 | 7,952.13 | 4 | | 4 | | 4 | |
| 1/4 | 5,147.02 | 1/4 | 5,728.82 | 1/4 | 6,284.06 | 1/4 | 6,801.51 | 1/4 | 7,267.45 | 1/4 | 7,663.09 | 1/4 | 7,956.71 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,159.34 | 1/2 | 5,740.68 | 1/2 | 6,295.25 | 1/2 | 6,811.79 | 1/2 | 7,276.47 | 1/2 | 7,670.38 | 1/2 | 7,961.29 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,171.66 | 3/4 | 5,752.55 | 3/4 | 6,306.45 | 3/4 | 6,822.06 | 3/4 | 7,285.50 | 3/4 | 7,677.67 | 3/4 | 7,965.87 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 5,183.98 | 5 | 5,764.42 | 5 | 6,317.65 | 5 | 6,832.34 | 5 | 7,294.52 | 5 | 7,684.96 | 5 | 7,970.45 | 5 | | 5 | | 5 | |
| 1/4 | 5,196.27 | 1/4 | 5,776.24 | 1/4 | 6,328.79 | 1/4 | 6,842.52 | 1/4 | 7,303.42 | 1/4 | 7,692.07 | 1/4 | 7,974.71 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,208.56 | 1/2 | 5,788.06 | 1/2 | 6,339.92 | 1/2 | 6,852.71 | 1/2 | 7,312.32 | 1/2 | 7,699.18 | 1/2 | 7,978.97 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,220.85 | 3/4 | 5,799.89 | 3/4 | 6,351.05 | 3/4 | 6,862.89 | 3/4 | 7,321.22 | 3/4 | 7,706.29 | 3/4 | 7,983.22 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 5,233.14 | 6 | 5,811.71 | 6 | 6,362.19 | 6 | 6,873.08 | 6 | 7,330.12 | 6 | 7,713.40 | 6 | 7,987.48 | 6 | | 6 | | 6 | |
| 1/4 | 5,245.40 | 1/4 | 5,823.48 | 1/4 | 6,373.25 | 1/4 | 6,883.17 | 1/4 | 7,338.89 | 1/4 | 7,720.33 | 1/4 | 7,991.39 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,257.66 | 1/2 | 5,835.25 | 1/2 | 6,384.32 | 1/2 | 6,893.26 | 1/2 | 7,347.67 | 1/2 | 7,727.26 | 1/2 | 7,995.30 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,269.92 | 3/4 | 5,847.03 | 3/4 | 6,395.38 | 3/4 | 6,903.36 | 3/4 | 7,356.44 | 3/4 | 7,734.19 | 3/4 | 7,999.21 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 5,282.18 | 7 | 5,858.80 | 7 | 6,406.45 | 7 | 6,913.45 | 7 | 7,365.22 | 7 | 7,741.12 | 7 | 8,003.11 | 7 | | 7 | | 7 | |
| 1/4 | 5,294.40 | 1/4 | 5,870.52 | 1/4 | 6,417.44 | 1/4 | 6,923.45 | 1/4 | 7,373.86 | 1/4 | 7,747.86 | 1/4 | 8,006.63 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,306.63 | 1/2 | 5,882.25 | 1/2 | 6,428.44 | 1/2 | 6,933.44 | 1/2 | 7,382.50 | 1/2 | 7,754.60 | 1/2 | 8,010.15 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,318.86 | 3/4 | 5,893.97 | 3/4 | 6,439.43 | 3/4 | 6,943.44 | 3/4 | 7,391.15 | 3/4 | 7,761.34 | 3/4 | 8,013.67 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 5,331.08 | 8 | 5,905.69 | 8 | 6,450.43 | 8 | 6,953.44 | 8 | 7,399.79 | 8 | 7,768.08 | 8 | 8,017.19 | 8 | | 8 | | 8 | |
| 1/4 | 5,343.27 | 1/4 | 5,917.36 | 1/4 | 6,461.35 | 1/4 | 6,963.34 | 1/4 | 7,408.30 | 1/4 | 7,774.62 | 1/4 | 8,020.27 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,355.47 | 1/2 | 5,929.03 | 1/2 | 6,472.27 | 1/2 | 6,973.24 | 1/2 | 7,416.81 | 1/2 | 7,781.16 | 1/2 | 8,023.36 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,367.66 | 3/4 | 5,940.71 | 3/4 | 6,483.20 | 3/4 | 6,983.14 | 3/4 | 7,425.32 | 3/4 | 7,787.71 | 3/4 | 8,026.44 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 5,379.85 | 9 | 5,952.38 | 9 | 6,494.12 | 9 | 6,993.04 | 9 | 7,433.83 | 9 | 7,794.25 | 9 | 8,029.52 | 9 | | 9 | | 9 | |
| 1/4 | 5,392.01 | 1/4 | 5,964.00 | 1/4 | 6,504.97 | 1/4 | 7,002.83 | 1/4 | 7,442.21 | 1/4 | 7,800.58 | 1/4 | 8,032.08 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,404.16 | 1/2 | 5,975.61 | 1/2 | 6,515.82 | 1/2 | 7,012.63 | 1/2 | 7,450.58 | 1/2 | 7,806.92 | 1/2 | 8,034.64 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,416.32 | 3/4 | 5,987.23 | 3/4 | 6,526.67 | 3/4 | 7,022.43 | 3/4 | 7,458.95 | 3/4 | 7,813.26 | 3/4 | 8,037.21 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 5,428.48 | 10 | 5,998.85 | 10 | 6,537.51 | 10 | 7,032.23 | 10 | 7,467.33 | 10 | 7,819.60 | 10 | 8,039.77 | 10 | | 10 | | 10 | |
| 1/4 | 5,440.60 | 1/4 | 6,010.41 | 1/4 | 6,548.29 | 1/4 | 7,041.93 | 1/4 | 7,475.56 | 1/4 | 7,825.72 | 1/4 | 8,041.67 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,452.72 | 1/2 | 6,021.98 | 1/2 | 6,559.06 | 1/2 | 7,051.63 | 1/2 | 7,483.79 | 1/2 | 7,831.84 | 1/2 | 8,043.57 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,464.84 | 3/4 | 6,033.54 | 3/4 | 6,569.83 | 3/4 | 7,061.32 | 3/4 | 7,492.02 | 3/4 | 7,837.97 | 3/4 | 8,045.48 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 5,476.96 | 11 | 6,045.10 | 11 | 6,580.61 | 11 | 7,071.02 | 11 | 7,500.26 | 11 | 7,844.09 | 11 | 8,047.38 | 11 | | 11 | | 11 | |
| 1/4 | 5,489.04 | 1/4 | 6,056.61 | 1/4 | 6,591.30 | 1/4 | 7,080.61 | 1/4 | 7,508.34 | 1/4 | 7,849.99 | 1/4 | 8,048.37 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,501.12 | 1/2 | 6,068.12 | 1/2 | 6,602.00 | 1/2 | 7,090.20 | 1/2 | 7,516.43 | 1/2 | 7,855.89 | 1/2 | 8,049.35 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,513.20 | 3/4 | 6,079.62 | 3/4 | 6,612.69 | 3/4 | 7,099.80 | 3/4 | 7,524.52 | 3/4 | 7,861.79 | 3/4 | 8,050.34 | 3/4 | | 3/4 | | 3/4 | |

**STRAPPED: 10/08/2015 SW**
**CALCULATED: 10/08/2015 CL**
**PRINTED: 10/08/2015 CL**

**CANCELS AND SUPERCEDES**
**ALL PRIOR TO 10/2015**

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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

# BARGE "FMT 2048"

## STBD

## HORIZONTAL

## INNAGE TABLE

### BERGAN GAUGE

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 | 0.12 | 0 | 187.89 | 0 | 524.70 | 0 | 949.45 | 0 | 1,436.57 | 0 | 1,969.64 | 0 | 2,536.06 | 0 | 3,125.21 | 0 | 3,727.59 | 0 | 4,334.26 |
| 1/4 | 1.27 | 1/4 | 193.80 | 1/4 | 532.82 | 1/4 | 959.07 | 1/4 | 1,447.28 | 1/4 | 1,981.16 | 1/4 | 2,548.15 | 1/4 | 3,137.66 | 1/4 | 3,740.22 | 1/4 | 4,346.88 |
| 1/2 | 2.41 | 1/2 | 199.70 | 1/2 | 540.95 | 1/2 | 968.69 | 1/2 | 1,458.00 | 1/2 | 1,992.68 | 1/2 | 2,560.24 | 1/2 | 3,150.12 | 1/2 | 3,752.85 | 1/2 | 4,359.50 |
| 3/4 | 3.55 | 3/4 | 205.61 | 3/4 | 549.07 | 3/4 | 978.31 | 3/4 | 1,468.71 | 3/4 | 2,004.20 | 3/4 | 2,572.33 | 3/4 | 3,162.57 | 3/4 | 3,765.47 | 3/4 | 4,372.12 |
| 1 | 4.69 | 1 | 211.51 | 1 | 557.20 | 1 | 987.93 | 1 | 1,479.43 | 1 | 2,015.73 | 1 | 2,584.42 | 1 | 3,175.03 | 1 | 3,778.10 | 1 | 4,384.74 |
| 1/4 | 6.78 | 1/4 | 217.64 | 1/4 | 565.46 | 1/4 | 997.65 | 1/4 | 1,490.22 | 1/4 | 2,027.30 | 1/4 | 2,596.55 | 1/4 | 3,187.50 | 1/4 | 3,790.74 | 1/4 | 4,397.35 |
| 1/2 | 8.87 | 1/2 | 223.77 | 1/2 | 573.73 | 1/2 | 1,007.37 | 1/2 | 1,501.01 | 1/2 | 2,038.88 | 1/2 | 2,608.68 | 1/2 | 3,199.98 | 1/2 | 3,803.37 | 1/2 | 4,409.96 |
| 3/4 | 10.96 | 3/4 | 229.89 | 3/4 | 582.00 | 3/4 | 1,017.09 | 3/4 | 1,511.81 | 3/4 | 2,050.46 | 3/4 | 2,620.81 | 3/4 | 3,212.46 | 3/4 | 3,816.01 | 3/4 | 4,422.57 |
| 2 | 13.05 | 2 | 236.02 | 2 | 590.27 | 2 | 1,026.82 | 2 | 1,522.60 | 2 | 2,062.03 | 2 | 2,632.94 | 2 | 3,224.93 | 2 | 3,828.64 | 2 | 4,435.18 |
| 1/4 | 15.75 | 1/4 | 242.38 | 1/4 | 598.68 | 1/4 | 1,036.64 | 1/4 | 1,533.47 | 1/4 | 2,073.67 | 1/4 | 2,645.10 | 1/4 | 3,237.43 | 1/4 | 3,841.28 | 1/4 | 4,447.77 |
| 1/2 | 18.45 | 1/2 | 248.75 | 1/2 | 607.09 | 1/2 | 1,046.47 | 1/2 | 1,544.33 | 1/2 | 2,085.30 | 1/2 | 2,657.27 | 1/2 | 3,249.93 | 1/2 | 3,853.92 | 1/2 | 4,460.37 |
| 3/4 | 21.15 | 3/4 | 255.11 | 3/4 | 615.49 | 3/4 | 1,056.29 | 3/4 | 1,555.20 | 3/4 | 2,096.93 | 3/4 | 2,669.43 | 3/4 | 3,262.42 | 3/4 | 3,866.56 | 3/4 | 4,472.97 |
| 3 | 23.86 | 3 | 261.48 | 3 | 623.90 | 3 | 1,066.12 | 3 | 1,566.07 | 3 | 2,108.56 | 3 | 2,681.60 | 3 | 3,274.92 | 3 | 3,879.20 | 3 | 4,485.57 |
| 1/4 | 27.05 | 1/4 | 268.07 | 1/4 | 632.45 | 1/4 | 1,076.04 | 1/4 | 1,577.01 | 1/4 | 2,120.24 | 1/4 | 2,693.80 | 1/4 | 3,287.44 | 1/4 | 3,891.84 | 1/4 | 4,498.16 |
| 1/2 | 30.25 | 1/2 | 274.66 | 1/2 | 640.99 | 1/2 | 1,085.97 | 1/2 | 1,587.95 | 1/2 | 2,131.93 | 1/2 | 2,706.00 | 1/2 | 3,299.95 | 1/2 | 3,904.48 | 1/2 | 4,510.75 |
| 3/4 | 33.45 | 3/4 | 281.25 | 3/4 | 649.54 | 3/4 | 1,095.89 | 3/4 | 1,598.89 | 3/4 | 2,143.61 | 3/4 | 2,718.20 | 3/4 | 3,312.47 | 3/4 | 3,917.13 | 3/4 | 4,523.34 |
| 4 | 36.64 | 4 | 287.85 | 4 | 658.08 | 4 | 1,105.81 | 4 | 1,609.83 | 4 | 2,155.30 | 4 | 2,730.40 | 4 | 3,324.98 | 4 | 3,929.77 | 4 | 4,535.92 |
| 1/4 | 40.27 | 1/4 | 294.64 | 1/4 | 666.76 | 1/4 | 1,115.84 | 1/4 | 1,620.84 | 1/4 | 2,167.03 | 1/4 | 2,742.64 | 1/4 | 3,337.51 | 1/4 | 3,942.41 | 1/4 | 4,548.50 |
| 1/2 | 43.89 | 1/2 | 301.42 | 1/2 | 675.44 | 1/2 | 1,125.86 | 1/2 | 1,631.86 | 1/2 | 2,178.77 | 1/2 | 2,754.87 | 1/2 | 3,350.05 | 1/2 | 3,955.06 | 1/2 | 4,561.07 |
| 3/4 | 47.51 | 3/4 | 308.21 | 3/4 | 684.11 | 3/4 | 1,135.88 | 3/4 | 1,642.87 | 3/4 | 2,190.50 | 3/4 | 2,767.10 | 3/4 | 3,362.58 | 3/4 | 3,967.71 | 3/4 | 4,573.65 |
| 5 | 51.13 | 5 | 315.00 | 5 | 692.79 | 5 | 1,145.90 | 5 | 1,653.88 | 5 | 2,202.24 | 5 | 2,779.34 | 5 | 3,375.11 | 5 | 3,980.35 | 5 | 4,586.23 |
| 1/4 | 55.13 | 1/4 | 321.98 | 1/4 | 701.60 | 1/4 | 1,156.01 | 1/4 | 1,664.96 | 1/4 | 2,214.02 | 1/4 | 2,791.61 | 1/4 | 3,387.66 | 1/4 | 3,993.00 | 1/4 | 4,598.79 |
| 1/2 | 59.13 | 1/2 | 328.95 | 1/2 | 710.40 | 1/2 | 1,166.13 | 1/2 | 1,676.05 | 1/2 | 2,225.81 | 1/2 | 2,803.87 | 1/2 | 3,400.21 | 1/2 | 4,005.64 | 1/2 | 4,611.35 |
| 3/4 | 63.13 | 3/4 | 335.93 | 3/4 | 719.21 | 3/4 | 1,176.25 | 3/4 | 1,687.13 | 3/4 | 2,237.59 | 3/4 | 2,816.14 | 3/4 | 3,412.76 | 3/4 | 4,018.29 | 3/4 | 4,623.91 |
| 6 | 67.13 | 6 | 342.90 | 6 | 728.02 | 6 | 1,186.36 | 6 | 1,698.21 | 6 | 2,249.38 | 6 | 2,828.40 | 6 | 3,425.31 | 6 | 4,030.94 | 6 | 4,636.47 |
| 1/4 | 71.47 | 1/4 | 350.06 | 1/4 | 736.95 | 1/4 | 1,196.57 | 1/4 | 1,709.36 | 1/4 | 2,261.21 | 1/4 | 2,840.70 | 1/4 | 3,437.88 | 1/4 | 4,043.58 | 1/4 | 4,649.01 |
| 1/2 | 75.81 | 1/2 | 357.22 | 1/2 | 745.88 | 1/2 | 1,206.78 | 1/2 | 1,720.51 | 1/2 | 2,273.05 | 1/2 | 2,853.00 | 1/2 | 3,450.44 | 1/2 | 4,056.23 | 1/2 | 4,661.56 |
| 3/4 | 80.15 | 3/4 | 364.37 | 3/4 | 754.81 | 3/4 | 1,216.99 | 3/4 | 1,731.66 | 3/4 | 2,284.88 | 3/4 | 2,865.30 | 3/4 | 3,463.01 | 3/4 | 4,068.88 | 3/4 | 4,674.11 |
| 7 | 84.49 | 7 | 371.53 | 7 | 763.74 | 7 | 1,227.19 | 7 | 1,742.81 | 7 | 2,296.71 | 7 | 2,877.59 | 7 | 3,475.57 | 7 | 4,081.52 | 7 | 4,686.65 |
| 1/4 | 89.15 | 1/4 | 378.86 | 1/4 | 772.80 | 1/4 | 1,237.49 | 1/4 | 1,754.03 | 1/4 | 2,308.59 | 1/4 | 2,889.92 | 1/4 | 3,488.15 | 1/4 | 4,094.17 | 1/4 | 4,699.18 |
| 1/2 | 93.80 | 1/2 | 386.19 | 1/2 | 781.85 | 1/2 | 1,247.79 | 1/2 | 1,765.24 | 1/2 | 2,320.47 | 1/2 | 2,902.25 | 1/2 | 3,500.73 | 1/2 | 4,106.81 | 1/2 | 4,711.71 |
| 3/4 | 98.46 | 3/4 | 393.52 | 3/4 | 790.90 | 3/4 | 1,258.09 | 3/4 | 1,776.46 | 3/4 | 2,332.35 | 3/4 | 2,914.58 | 3/4 | 3,513.31 | 3/4 | 4,119.46 | 3/4 | 4,724.24 |
| 8 | 103.12 | 8 | 400.86 | 8 | 799.96 | 8 | 1,268.38 | 8 | 1,787.68 | 8 | 2,344.23 | 8 | 2,926.90 | 8 | 3,525.88 | 8 | 4,132.10 | 8 | 4,736.77 |
| 1/4 | 108.04 | 1/4 | 408.36 | 1/4 | 809.13 | 1/4 | 1,278.77 | 1/4 | 1,798.96 | 1/4 | 2,356.16 | 1/4 | 2,939.26 | 1/4 | 3,538.48 | 1/4 | 4,144.74 | 1/4 | 4,749.28 |
| 1/2 | 112.96 | 1/2 | 415.86 | 1/2 | 818.30 | 1/2 | 1,289.16 | 1/2 | 1,810.24 | 1/2 | 2,368.08 | 1/2 | 2,951.61 | 1/2 | 3,551.07 | 1/2 | 4,157.39 | 1/2 | 4,761.79 |
| 3/4 | 117.88 | 3/4 | 423.36 | 3/4 | 827.47 | 3/4 | 1,299.54 | 3/4 | 1,821.52 | 3/4 | 2,380.01 | 3/4 | 2,963.97 | 3/4 | 3,563.66 | 3/4 | 4,170.03 | 3/4 | 4,774.30 |
| 9 | 122.81 | 9 | 430.86 | 9 | 836.65 | 9 | 1,309.93 | 9 | 1,832.80 | 9 | 2,391.93 | 9 | 2,976.32 | 9 | 3,576.25 | 9 | 4,182.67 | 9 | 4,786.81 |
| 1/4 | 127.98 | 1/4 | 438.52 | 1/4 | 845.94 | 1/4 | 1,320.40 | 1/4 | 1,844.14 | 1/4 | 2,403.90 | 1/4 | 2,988.71 | 1/4 | 3,588.85 | 1/4 | 4,195.31 | 1/4 | 4,799.30 |
| 1/2 | 133.15 | 1/2 | 446.18 | 1/2 | 855.22 | 1/2 | 1,330.87 | 1/2 | 1,855.49 | 1/2 | 2,415.87 | 1/2 | 3,001.09 | 1/2 | 3,601.45 | 1/2 | 4,207.95 | 1/2 | 4,811.79 |
| 3/4 | 138.32 | 3/4 | 453.85 | 3/4 | 864.51 | 3/4 | 1,341.34 | 3/4 | 1,866.83 | 3/4 | 2,427.84 | 3/4 | 3,013.47 | 3/4 | 3,614.06 | 3/4 | 4,220.58 | 3/4 | 4,824.29 |
| 10 | 143.49 | 10 | 461.51 | 10 | 873.80 | 10 | 1,351.81 | 10 | 1,878.17 | 10 | 2,439.81 | 10 | 3,025.85 | 10 | 3,626.66 | 10 | 4,233.22 | 10 | 4,836.78 |
| 1/4 | 148.92 | 1/4 | 469.33 | 1/4 | 883.20 | 1/4 | 1,362.36 | 1/4 | 1,889.58 | 1/4 | 2,451.82 | 1/4 | 3,038.26 | 1/4 | 3,639.27 | 1/4 | 4,245.86 | 1/4 | 4,849.25 |
| 1/2 | 154.34 | 1/2 | 477.16 | 1/2 | 892.60 | 1/2 | 1,372.92 | 1/2 | 1,900.98 | 1/2 | 2,463.83 | 1/2 | 3,050.67 | 1/2 | 3,651.88 | 1/2 | 4,258.49 | 1/2 | 4,861.72 |
| 3/4 | 159.77 | 3/4 | 484.98 | 3/4 | 902.01 | 3/4 | 1,383.47 | 3/4 | 1,912.38 | 3/4 | 2,475.84 | 3/4 | 3,063.07 | 3/4 | 3,664.49 | 3/4 | 4,271.12 | 3/4 | 4,874.19 |
| 11 | 165.20 | 11 | 492.80 | 11 | 911.41 | 11 | 1,394.03 | 11 | 1,923.79 | 11 | 2,487.85 | 11 | 3,075.48 | 11 | 3,677.11 | 11 | 4,283.75 | 11 | 4,886.66 |
| 1/4 | 170.87 | 1/4 | 500.78 | 1/4 | 920.92 | 1/4 | 1,404.66 | 1/4 | 1,935.25 | 1/4 | 2,499.90 | 1/4 | 3,087.91 | 1/4 | 3,689.73 | 1/4 | 4,296.38 | 1/4 | 4,899.11 |
| 1/2 | 176.55 | 1/2 | 508.75 | 1/2 | 930.43 | 1/2 | 1,415.30 | 1/2 | 1,946.72 | 1/2 | 2,511.95 | 1/2 | 3,100.35 | 1/2 | 3,702.35 | 1/2 | 4,309.01 | 1/2 | 4,911.56 |
| 3/4 | 182.22 | 3/4 | 516.73 | 3/4 | 939.94 | 3/4 | 1,425.93 | 3/4 | 1,958.18 | 3/4 | 2,524.01 | 3/4 | 3,112.78 | 3/4 | 3,714.97 | 3/4 | 4,321.63 | 3/4 | 4,924.01 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

**BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.2E**
**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**

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

# BARGE "FMT 2048"

## STBD

## HORIZONTAL

## INNAGE TABLE

**BERGAN GAUGE**

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 | 4,936.46 | 0 | 5,525.23 | 0 | 6,091.07 | 0 | 6,623.32 | 0 | 7,109.33 | 0 | 7,532.56 | 0 | 7,867.66 | 0 | | 0 | | 0 | |
| 1/4 | 4,948.88 | 1/4 | 5,537.28 | 1/4 | 6,102.52 | 1/4 | 6,633.94 | 1/4 | 7,118.81 | 1/4 | 7,540.49 | 1/4 | 7,873.33 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4,961.31 | 1/2 | 5,549.32 | 1/2 | 6,113.97 | 1/2 | 6,644.55 | 1/2 | 7,128.29 | 1/2 | 7,548.43 | 1/2 | 7,878.99 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 4,973.74 | 3/4 | 5,561.36 | 3/4 | 6,125.42 | 3/4 | 6,655.17 | 3/4 | 7,137.78 | 3/4 | 7,556.37 | 3/4 | 7,884.66 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 4,986.16 | 1 | 5,573.40 | 1 | 6,136.86 | 1 | 6,665.78 | 1 | 7,147.26 | 1 | 7,564.31 | 1 | 7,890.32 | 1 | | 1 | | 1 | |
| 1/4 | 4,998.56 | 1/4 | 5,585.40 | 1/4 | 6,148.25 | 1/4 | 6,676.32 | 1/4 | 7,156.64 | 1/4 | 7,572.09 | 1/4 | 7,895.74 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,010.96 | 1/2 | 5,597.40 | 1/2 | 6,159.64 | 1/2 | 6,686.85 | 1/2 | 7,166.01 | 1/2 | 7,579.87 | 1/2 | 7,901.16 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,023.37 | 3/4 | 5,609.40 | 3/4 | 6,171.03 | 3/4 | 6,697.39 | 3/4 | 7,175.38 | 3/4 | 7,587.66 | 3/4 | 7,906.57 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 5,035.77 | 2 | 5,621.40 | 2 | 6,182.42 | 2 | 6,707.92 | 2 | 7,184.76 | 2 | 7,595.44 | 2 | 7,911.99 | 2 | | 2 | | 2 | |
| 1/4 | 5,048.14 | 1/4 | 5,633.36 | 1/4 | 6,193.75 | 1/4 | 6,718.37 | 1/4 | 7,194.02 | 1/4 | 7,603.06 | 1/4 | 7,917.15 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,060.52 | 1/2 | 5,645.32 | 1/2 | 6,205.08 | 1/2 | 6,728.82 | 1/2 | 7,203.28 | 1/2 | 7,610.68 | 1/2 | 7,922.30 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,072.89 | 3/4 | 5,657.28 | 3/4 | 6,216.40 | 3/4 | 6,739.27 | 3/4 | 7,212.54 | 3/4 | 7,618.31 | 3/4 | 7,927.46 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 5,085.27 | 3 | 5,669.24 | 3 | 6,227.73 | 3 | 6,749.72 | 3 | 7,221.80 | 3 | 7,625.93 | 3 | 7,932.61 | 3 | | 3 | | 3 | |
| 1/4 | 5,097.62 | 1/4 | 5,681.15 | 1/4 | 6,239.00 | 1/4 | 6,760.08 | 1/4 | 7,230.94 | 1/4 | 7,633.39 | 1/4 | 7,937.49 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,109.97 | 1/2 | 5,693.06 | 1/2 | 6,250.26 | 1/2 | 6,770.45 | 1/2 | 7,240.08 | 1/2 | 7,640.85 | 1/2 | 7,942.37 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,122.31 | 3/4 | 5,704.98 | 3/4 | 6,261.53 | 3/4 | 6,780.81 | 3/4 | 7,249.23 | 3/4 | 7,648.31 | 3/4 | 7,947.24 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 5,134.66 | 4 | 5,716.89 | 4 | 6,272.79 | 4 | 6,791.17 | 4 | 7,258.37 | 4 | 7,655.77 | 4 | 7,952.12 | 4 | | 4 | | 4 | |
| 1/4 | 5,146.98 | 1/4 | 5,728.76 | 1/4 | 6,283.99 | 1/4 | 6,801.45 | 1/4 | 7,267.39 | 1/4 | 7,663.05 | 1/4 | 7,956.70 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,159.30 | 1/2 | 5,740.63 | 1/2 | 6,295.19 | 1/2 | 6,811.72 | 1/2 | 7,276.42 | 1/2 | 7,670.34 | 1/2 | 7,961.28 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,171.62 | 3/4 | 5,752.50 | 3/4 | 6,306.39 | 3/4 | 6,822.00 | 3/4 | 7,285.44 | 3/4 | 7,677.63 | 3/4 | 7,965.86 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 5,183.94 | 5 | 5,764.37 | 5 | 6,317.59 | 5 | 6,832.27 | 5 | 7,294.46 | 5 | 7,684.92 | 5 | 7,970.44 | 5 | | 5 | | 5 | |
| 1/4 | 5,196.23 | 1/4 | 5,776.19 | 1/4 | 6,328.72 | 1/4 | 6,842.46 | 1/4 | 7,303.36 | 1/4 | 7,692.03 | 1/4 | 7,974.70 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,208.52 | 1/2 | 5,788.01 | 1/2 | 6,339.86 | 1/2 | 6,852.64 | 1/2 | 7,312.26 | 1/2 | 7,699.14 | 1/2 | 7,978.96 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,220.81 | 3/4 | 5,799.83 | 3/4 | 6,350.99 | 3/4 | 6,862.83 | 3/4 | 7,321.16 | 3/4 | 7,706.26 | 3/4 | 7,983.21 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 5,233.10 | 6 | 5,811.65 | 6 | 6,362.12 | 6 | 6,873.02 | 6 | 7,330.06 | 6 | 7,713.37 | 6 | 7,987.47 | 6 | | 6 | | 6 | |
| 1/4 | 5,245.36 | 1/4 | 5,823.42 | 1/4 | 6,373.19 | 1/4 | 6,883.11 | 1/4 | 7,338.84 | 1/4 | 7,720.30 | 1/4 | 7,991.38 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,257.62 | 1/2 | 5,835.20 | 1/2 | 6,384.25 | 1/2 | 6,893.20 | 1/2 | 7,347.61 | 1/2 | 7,727.23 | 1/2 | 7,995.29 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,269.88 | 3/4 | 5,846.97 | 3/4 | 6,395.32 | 3/4 | 6,903.29 | 3/4 | 7,356.39 | 3/4 | 7,734.16 | 3/4 | 7,999.20 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 5,282.13 | 7 | 5,858.74 | 7 | 6,406.38 | 7 | 6,913.38 | 7 | 7,365.16 | 7 | 7,741.09 | 7 | 8,003.11 | 7 | | 7 | | 7 | |
| 1/4 | 5,294.36 | 1/4 | 5,870.47 | 1/4 | 6,417.38 | 1/4 | 6,923.38 | 1/4 | 7,373.81 | 1/4 | 7,747.83 | 1/4 | 8,006.63 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,306.59 | 1/2 | 5,882.19 | 1/2 | 6,428.37 | 1/2 | 6,933.38 | 1/2 | 7,382.45 | 1/2 | 7,754.57 | 1/2 | 8,010.15 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,318.81 | 3/4 | 5,893.91 | 3/4 | 6,439.37 | 3/4 | 6,943.38 | 3/4 | 7,391.09 | 3/4 | 7,761.31 | 3/4 | 8,013.67 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 5,331.04 | 8 | 5,905.63 | 8 | 6,450.36 | 8 | 6,953.37 | 8 | 7,399.74 | 8 | 7,768.05 | 8 | 8,017.19 | 8 | | 8 | | 8 | |
| 1/4 | 5,343.23 | 1/4 | 5,917.30 | 1/4 | 6,461.29 | 1/4 | 6,963.27 | 1/4 | 7,408.25 | 1/4 | 7,774.59 | 1/4 | 8,020.27 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,355.42 | 1/2 | 5,928.98 | 1/2 | 6,472.21 | 1/2 | 6,973.17 | 1/2 | 7,416.76 | 1/2 | 7,781.13 | 1/2 | 8,023.35 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,367.61 | 3/4 | 5,940.65 | 3/4 | 6,483.13 | 3/4 | 6,983.07 | 3/4 | 7,425.27 | 3/4 | 7,787.68 | 3/4 | 8,026.43 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 5,379.81 | 9 | 5,952.32 | 9 | 6,494.05 | 9 | 6,992.97 | 9 | 7,433.78 | 9 | 7,794.22 | 9 | 8,029.51 | 9 | | 9 | | 9 | |
| 1/4 | 5,391.96 | 1/4 | 5,963.94 | 1/4 | 6,504.90 | 1/4 | 7,002.77 | 1/4 | 7,442.16 | 1/4 | 7,800.56 | 1/4 | 8,032.08 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,404.12 | 1/2 | 5,975.55 | 1/2 | 6,515.75 | 1/2 | 7,012.57 | 1/2 | 7,450.53 | 1/2 | 7,806.89 | 1/2 | 8,034.64 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,416.27 | 3/4 | 5,987.17 | 3/4 | 6,526.60 | 3/4 | 7,022.37 | 3/4 | 7,458.90 | 3/4 | 7,813.23 | 3/4 | 8,037.20 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 5,428.43 | 10 | 5,998.79 | 10 | 6,537.45 | 10 | 7,032.17 | 10 | 7,467.28 | 10 | 7,819.57 | 10 | 8,039.77 | 10 | | 10 | | 10 | |
| 1/4 | 5,440.55 | 1/4 | 6,010.35 | 1/4 | 6,548.22 | 1/4 | 7,041.87 | 1/4 | 7,475.51 | 1/4 | 7,825.69 | 1/4 | 8,041.67 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,452.67 | 1/2 | 6,021.92 | 1/2 | 6,558.99 | 1/2 | 7,051.56 | 1/2 | 7,483.74 | 1/2 | 7,831.82 | 1/2 | 8,043.57 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,464.79 | 3/4 | 6,033.48 | 3/4 | 6,569.77 | 3/4 | 7,061.26 | 3/4 | 7,491.98 | 3/4 | 7,837.94 | 3/4 | 8,045.47 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 5,476.91 | 11 | 6,045.04 | 11 | 6,580.54 | 11 | 7,070.96 | 11 | 7,500.21 | 11 | 7,844.06 | 11 | 8,047.38 | 11 | | 11 | | 11 | |
| 1/4 | 5,488.99 | 1/4 | 6,056.55 | 1/4 | 6,591.24 | 1/4 | 7,080.55 | 1/4 | 7,508.30 | 1/4 | 7,849.96 | 1/4 | 8,048.37 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,501.07 | 1/2 | 6,068.06 | 1/2 | 6,601.93 | 1/2 | 7,090.14 | 1/2 | 7,516.38 | 1/2 | 7,855.86 | 1/2 | 8,049.35 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,513.15 | 3/4 | 6,079.56 | 3/4 | 6,612.63 | 3/4 | 7,099.73 | 3/4 | 7,524.47 | 3/4 | 7,861.76 | 3/4 | 8,050.34 | 3/4 | | 3/4 | | 3/4 | |

**STRAPPED: 10/08/2015 SW**
**CALCULATED: 10/08/2015 CL**
**PRINTED: 10/08/2015 CL**

**CANCELS AND SUPERCEDES**
**ALL PRIOR TO 10/2015**

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

**PRECISION MEASUREMENT**
**& ANALYSIS, INC.**
**P.O. Box 2092**
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**http://www.pmacorp.net**