



# BARGE "KIRBY 16818"

**PORT  
HORIZONTAL**

## INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 2062"

| 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   | 187.93 | 0   | 524.77 | 0   | 949.53   | 0   | 1,436.65 | 0   | 1,969.73 | 0   | 2,536.18 | 0   | 3,125.39 | 0   | 3,727.90 | 0   | 4,334.78 |
| 1/4 | 1.27   | 1/4 | 193.84 | 1/4 | 532.89 | 1/4 | 959.15   | 1/4 | 1,447.36 | 1/4 | 1,981.25 | 1/4 | 2,548.27 | 1/4 | 3,137.85 | 1/4 | 3,740.53 | 1/4 | 4,347.40 |
| 1/2 | 2.41   | 1/2 | 199.74 | 1/2 | 541.01 | 1/2 | 968.76   | 1/2 | 1,458.08 | 1/2 | 1,992.77 | 1/2 | 2,560.36 | 1/2 | 3,150.31 | 1/2 | 3,753.16 | 1/2 | 4,360.03 |
| 3/4 | 3.55   | 3/4 | 205.65 | 3/4 | 549.14 | 3/4 | 978.38   | 3/4 | 1,468.79 | 3/4 | 2,004.29 | 3/4 | 2,572.45 | 3/4 | 3,162.76 | 3/4 | 3,765.80 | 3/4 | 4,372.65 |
| 1   | 4.69   | 1   | 211.55 | 1   | 557.26 | 1   | 988.00   | 1   | 1,479.51 | 1   | 2,015.81 | 1   | 2,584.54 | 1   | 3,175.22 | 1   | 3,778.43 | 1   | 4,385.28 |
| 1/4 | 6.78   | 1/4 | 217.68 | 1/4 | 565.53 | 1/4 | 997.72   | 1/4 | 1,490.30 | 1/4 | 2,027.39 | 1/4 | 2,596.67 | 1/4 | 3,187.70 | 1/4 | 3,791.07 | 1/4 | 4,397.89 |
| 1/2 | 8.87   | 1/2 | 223.81 | 1/2 | 573.80 | 1/2 | 1,007.45 | 1/2 | 1,501.09 | 1/2 | 2,038.97 | 1/2 | 2,608.80 | 1/2 | 3,200.18 | 1/2 | 3,803.70 | 1/2 | 4,410.51 |
| 3/4 | 10.96  | 3/4 | 229.94 | 3/4 | 582.07 | 3/4 | 1,017.17 | 3/4 | 1,511.88 | 3/4 | 2,050.55 | 3/4 | 2,620.93 | 3/4 | 3,212.66 | 3/4 | 3,816.34 | 3/4 | 4,423.12 |
| 2   | 13.05  | 2   | 236.06 | 2   | 590.34 | 2   | 1,026.89 | 2   | 1,522.68 | 2   | 2,062.12 | 2   | 2,633.06 | 2   | 3,225.14 | 2   | 3,828.98 | 2   | 4,435.74 |
| 1/4 | 15.75  | 1/4 | 242.43 | 1/4 | 598.75 | 1/4 | 1,036.72 | 1/4 | 1,533.54 | 1/4 | 2,073.76 | 1/4 | 2,645.23 | 1/4 | 3,237.63 | 1/4 | 3,841.62 | 1/4 | 4,448.34 |
| 1/2 | 18.46  | 1/2 | 248.79 | 1/2 | 607.15 | 1/2 | 1,046.54 | 1/2 | 1,544.41 | 1/2 | 2,085.39 | 1/2 | 2,657.40 | 1/2 | 3,250.13 | 1/2 | 3,854.27 | 1/2 | 4,460.95 |
| 3/4 | 21.16  | 3/4 | 255.16 | 3/4 | 615.56 | 3/4 | 1,056.37 | 3/4 | 1,555.28 | 3/4 | 2,097.02 | 3/4 | 2,669.56 | 3/4 | 3,262.63 | 3/4 | 3,866.91 | 3/4 | 4,473.55 |
| 3   | 23.86  | 3   | 261.52 | 3   | 623.97 | 3   | 1,066.19 | 3   | 1,566.15 | 3   | 2,108.65 | 3   | 2,681.73 | 3   | 3,275.13 | 3   | 3,879.55 | 3   | 4,486.16 |
| 1/4 | 27.06  | 1/4 | 268.12 | 1/4 | 632.52 | 1/4 | 1,076.12 | 1/4 | 1,577.09 | 1/4 | 2,120.34 | 1/4 | 2,693.93 | 1/4 | 3,287.65 | 1/4 | 3,892.20 | 1/4 | 4,498.75 |
| 1/2 | 30.26  | 1/2 | 274.71 | 1/2 | 641.06 | 1/2 | 1,086.04 | 1/2 | 1,588.03 | 1/2 | 2,132.02 | 1/2 | 2,706.13 | 1/2 | 3,300.17 | 1/2 | 3,904.85 | 1/2 | 4,511.35 |
| 3/4 | 33.46  | 3/4 | 281.30 | 3/4 | 649.61 | 3/4 | 1,095.97 | 3/4 | 1,598.97 | 3/4 | 2,143.71 | 3/4 | 2,718.34 | 3/4 | 3,312.68 | 3/4 | 3,917.49 | 3/4 | 4,523.94 |
| 4   | 36.65  | 4   | 287.90 | 4   | 658.15 | 4   | 1,105.89 | 4   | 1,609.91 | 4   | 2,155.39 | 4   | 2,730.54 | 4   | 3,325.20 | 4   | 3,930.14 | 4   | 4,536.53 |
| 1/4 | 40.28  | 1/4 | 294.69 | 1/4 | 666.83 | 1/4 | 1,115.91 | 1/4 | 1,620.92 | 1/4 | 2,167.13 | 1/4 | 2,742.77 | 1/4 | 3,337.74 | 1/4 | 3,942.79 | 1/4 | 4,549.11 |
| 1/2 | 43.90  | 1/2 | 301.47 | 1/2 | 675.51 | 1/2 | 1,125.93 | 1/2 | 1,631.94 | 1/2 | 2,178.86 | 1/2 | 2,755.01 | 1/2 | 3,350.27 | 1/2 | 3,955.44 | 1/2 | 4,561.70 |
| 3/4 | 47.52  | 3/4 | 308.26 | 3/4 | 684.18 | 3/4 | 1,135.95 | 3/4 | 1,642.95 | 3/4 | 2,190.60 | 3/4 | 2,767.24 | 3/4 | 3,362.81 | 3/4 | 3,968.09 | 3/4 | 4,574.28 |
| 5   | 51.15  | 5   | 315.05 | 5   | 692.86 | 5   | 1,145.98 | 5   | 1,653.96 | 5   | 2,202.33 | 5   | 2,779.48 | 5   | 3,375.34 | 5   | 3,980.74 | 5   | 4,586.86 |
| 1/4 | 55.15  | 1/4 | 322.03 | 1/4 | 701.67 | 1/4 | 1,156.09 | 1/4 | 1,665.05 | 1/4 | 2,214.12 | 1/4 | 2,791.75 | 1/4 | 3,387.90 | 1/4 | 3,993.39 | 1/4 | 4,599.43 |
| 1/2 | 59.15  | 1/2 | 329.00 | 1/2 | 710.47 | 1/2 | 1,166.21 | 1/2 | 1,676.13 | 1/2 | 2,225.91 | 1/2 | 2,804.01 | 1/2 | 3,400.45 | 1/2 | 4,006.04 | 1/2 | 4,611.99 |
| 3/4 | 63.15  | 3/4 | 335.98 | 3/4 | 719.28 | 3/4 | 1,176.32 | 3/4 | 1,687.21 | 3/4 | 2,237.69 | 3/4 | 2,816.28 | 3/4 | 3,413.00 | 3/4 | 4,018.69 | 3/4 | 4,624.56 |
| 6   | 67.15  | 6   | 342.96 | 6   | 728.09 | 6   | 1,186.44 | 6   | 1,698.29 | 6   | 2,249.48 | 6   | 2,828.55 | 6   | 3,425.55 | 6   | 4,031.34 | 6   | 4,637.13 |
| 1/4 | 71.49  | 1/4 | 350.11 | 1/4 | 737.02 | 1/4 | 1,196.65 | 1/4 | 1,709.44 | 1/4 | 2,261.31 | 1/4 | 2,840.85 | 1/4 | 3,438.12 | 1/4 | 4,043.99 | 1/4 | 4,649.68 |
| 1/2 | 75.83  | 1/2 | 357.27 | 1/2 | 745.95 | 1/2 | 1,206.85 | 1/2 | 1,720.59 | 1/2 | 2,273.15 | 1/2 | 2,853.15 | 1/2 | 3,450.69 | 1/2 | 4,056.64 | 1/2 | 4,662.23 |
| 3/4 | 80.17  | 3/4 | 364.43 | 3/4 | 754.88 | 3/4 | 1,217.06 | 3/4 | 1,731.74 | 3/4 | 2,284.98 | 3/4 | 2,865.45 | 3/4 | 3,463.25 | 3/4 | 4,069.29 | 3/4 | 4,674.78 |
| 7   | 84.51  | 7   | 371.59 | 7   | 763.81 | 7   | 1,227.27 | 7   | 1,742.89 | 7   | 2,296.81 | 7   | 2,877.75 | 7   | 3,475.82 | 7   | 4,081.94 | 7   | 4,687.34 |
| 1/4 | 89.17  | 1/4 | 378.92 | 1/4 | 772.87 | 1/4 | 1,237.57 | 1/4 | 1,754.11 | 1/4 | 2,308.69 | 1/4 | 2,890.07 | 1/4 | 3,488.40 | 1/4 | 4,094.59 | 1/4 | 4,699.87 |
| 1/2 | 93.83  | 1/2 | 386.25 | 1/2 | 781.92 | 1/2 | 1,247.87 | 1/2 | 1,765.33 | 1/2 | 2,320.57 | 1/2 | 2,902.40 | 1/2 | 3,500.98 | 1/2 | 4,107.24 | 1/2 | 4,712.41 |
| 3/4 | 98.48  | 3/4 | 393.58 | 3/4 | 790.98 | 3/4 | 1,258.16 | 3/4 | 1,776.54 | 3/4 | 2,332.45 | 3/4 | 2,914.73 | 3/4 | 3,513.57 | 3/4 | 4,119.89 | 3/4 | 4,724.94 |
| 8   | 103.14 | 8   | 400.91 | 8   | 800.03 | 8   | 1,268.46 | 8   | 1,787.76 | 8   | 2,344.34 | 8   | 2,927.06 | 8   | 3,526.15 | 8   | 4,132.54 | 8   | 4,737.48 |
| 1/4 | 108.06 | 1/4 | 408.42 | 1/4 | 809.20 | 1/4 | 1,278.85 | 1/4 | 1,799.04 | 1/4 | 2,356.26 | 1/4 | 2,939.42 | 1/4 | 3,538.74 | 1/4 | 4,145.19 | 1/4 | 4,750.00 |
| 1/2 | 112.99 | 1/2 | 415.92 | 1/2 | 818.38 | 1/2 | 1,289.23 | 1/2 | 1,810.32 | 1/2 | 2,368.19 | 1/2 | 2,951.77 | 1/2 | 3,551.33 | 1/2 | 4,157.83 | 1/2 | 4,762.51 |
| 3/4 | 117.91 | 3/4 | 423.42 | 3/4 | 827.55 | 3/4 | 1,299.62 | 3/4 | 1,821.60 | 3/4 | 2,380.11 | 3/4 | 2,964.13 | 3/4 | 3,563.93 | 3/4 | 4,170.48 | 3/4 | 4,775.03 |
| 9   | 122.83 | 9   | 430.92 | 9   | 836.72 | 9   | 1,310.00 | 9   | 1,832.88 | 9   | 2,392.04 | 9   | 2,976.49 | 9   | 3,576.52 | 9   | 4,183.13 | 9   | 4,787.55 |
| 1/4 | 128.01 | 1/4 | 438.58 | 1/4 | 846.01 | 1/4 | 1,320.47 | 1/4 | 1,844.23 | 1/4 | 2,404.01 | 1/4 | 2,988.87 | 1/4 | 3,589.13 | 1/4 | 4,195.77 | 1/4 | 4,800.05 |
| 1/2 | 133.18 | 1/2 | 446.25 | 1/2 | 855.30 | 1/2 | 1,330.95 | 1/2 | 1,855.57 | 1/2 | 2,415.98 | 1/2 | 3,001.25 | 1/2 | 3,601.73 | 1/2 | 4,208.41 | 1/2 | 4,812.55 |
| 3/4 | 138.35 | 3/4 | 453.91 | 3/4 | 864.59 | 3/4 | 1,341.42 | 3/4 | 1,866.91 | 3/4 | 2,427.95 | 3/4 | 3,013.64 | 3/4 | 3,614.34 | 3/4 | 4,221.06 | 3/4 | 4,825.05 |
| 10  | 143.52 | 10  | 461.57 | 10  | 873.88 | 10  | 1,351.89 | 10  | 1,878.26 | 10  | 2,439.92 | 10  | 3,026.02 | 10  | 3,626.94 | 10  | 4,233.70 | 10  | 4,837.54 |
| 1/4 | 148.95 | 1/4 | 469.40 | 1/4 | 883.28 | 1/4 | 1,362.44 | 1/4 | 1,889.66 | 1/4 | 2,451.93 | 1/4 | 3,038.43 | 1/4 | 3,639.56 | 1/4 | 4,246.34 | 1/4 | 4,850.02 |
| 1/2 | 154.38 | 1/2 | 477.22 | 1/2 | 892.68 | 1/2 | 1,373.00 | 1/2 | 1,901.07 | 1/2 | 2,463.94 | 1/2 | 3,050.84 | 1/2 | 3,652.17 | 1/2 | 4,258.98 | 1/2 | 4,862.50 |
| 3/4 | 159.81 | 3/4 | 485.04 | 3/4 | 902.08 | 3/4 | 1,383.55 | 3/4 | 1,912.47 | 3/4 | 2,475.95 | 3/4 | 3,063.25 | 3/4 | 3,664.79 | 3/4 | 4,271.61 | 3/4 | 4,874.98 |
| 11  | 165.24 | 11  | 492.86 | 11  | 911.48 | 11  | 1,394.11 | 11  | 1,923.87 | 11  | 2,487.96 | 11  | 3,075.66 | 11  | 3,677.40 | 11  | 4,284.25 | 11  | 4,887.46 |
| 1/4 | 170.91 | 1/4 | 500.84 | 1/4 | 920.99 | 1/4 | 1,404.74 | 1/4 | 1,935.34 | 1/4 | 2,500.02 | 1/4 | 3,088.09 | 1/4 | 3,690.03 | 1/4 | 4,296.88 | 1/4 | 4,899.92 |
| 1/2 | 176.58 | 1/2 | 508.81 | 1/2 | 930.50 | 1/2 | 1,415.38 | 1/2 | 1,946.80 | 1/2 | 2,512.07 | 1/2 | 3,100.53 | 1/2 | 3,702.65 | 1/2 | 4,309.52 | 1/2 | 4,912.37 |
| 3/4 | 182.26 | 3/4 | 516.79 | 3/4 | 940.02 | 3/4 | 1,426.01 | 3/4 | 1,958.27 | 3/4 | 2,524.12 | 3/4 | 3,112.96 | 3/4 | 3,715.28 | 3/4 | 4,322.15 | 3/4 | 4,924.83 |

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "KIRBY 16818"

## PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 2062"

| 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   | 4,937.29 | 0   | 5,526.50 | 0   | 6,092.95 | 0   | 6,626.03 | 0   | 7,113.15 | 0   | 7,537.91 | 0   | 7,875.27 | 0   | 8,063.80 | 0   |        | 0   |        |
| 1/4 | 4,949.72 | 1/4 | 5,538.56 | 1/4 | 6,104.41 | 1/4 | 6,636.67 | 1/4 | 7,122.66 | 1/4 | 7,545.89 | 1/4 | 7,880.99 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 4,962.15 | 1/2 | 5,550.61 | 1/2 | 6,115.88 | 1/2 | 6,647.30 | 1/2 | 7,132.18 | 1/2 | 7,553.87 | 1/2 | 7,886.72 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 4,974.59 | 3/4 | 5,562.66 | 3/4 | 6,127.34 | 3/4 | 6,657.94 | 3/4 | 7,141.69 | 3/4 | 7,561.84 | 3/4 | 7,892.44 | 3/4 |          | 3/4 |        | 3/4 |        |
| 1   | 4,987.02 | 1   | 5,574.72 | 1   | 6,138.81 | 1   | 6,668.57 | 1   | 7,151.20 | 1   | 7,569.82 | 1   | 7,898.17 | 1   |          | 1   |        | 1   |        |
| 1/4 | 4,999.43 | 1/4 | 5,586.73 | 1/4 | 6,150.21 | 1/4 | 6,679.13 | 1/4 | 7,160.60 | 1/4 | 7,577.64 | 1/4 | 7,903.65 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,011.84 | 1/2 | 5,598.74 | 1/2 | 6,161.61 | 1/2 | 6,689.68 | 1/2 | 7,170.00 | 1/2 | 7,585.46 | 1/2 | 7,909.13 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,024.25 | 3/4 | 5,610.75 | 3/4 | 6,173.02 | 3/4 | 6,700.24 | 3/4 | 7,179.40 | 3/4 | 7,593.28 | 3/4 | 7,914.61 | 3/4 |          | 3/4 |        | 3/4 |        |
| 2   | 5,036.66 | 2   | 5,622.76 | 2   | 6,184.42 | 2   | 6,710.79 | 2   | 7,188.80 | 2   | 7,601.11 | 2   | 7,920.09 | 2   |          | 2   |        | 2   |        |
| 1/4 | 5,049.04 | 1/4 | 5,634.73 | 1/4 | 6,195.77 | 1/4 | 6,721.26 | 1/4 | 7,198.09 | 1/4 | 7,608.77 | 1/4 | 7,925.31 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,061.43 | 1/2 | 5,646.70 | 1/2 | 6,207.11 | 1/2 | 6,731.73 | 1/2 | 7,207.38 | 1/2 | 7,616.43 | 1/2 | 7,930.54 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,073.81 | 3/4 | 5,658.67 | 3/4 | 6,218.45 | 3/4 | 6,742.20 | 3/4 | 7,216.67 | 3/4 | 7,624.10 | 3/4 | 7,935.76 | 3/4 |          | 3/4 |        | 3/4 |        |
| 3   | 5,086.19 | 3   | 5,670.64 | 3   | 6,229.80 | 3   | 6,752.68 | 3   | 7,225.96 | 3   | 7,631.76 | 3   | 7,940.98 | 3   |          | 3   |        | 3   |        |
| 1/4 | 5,098.55 | 1/4 | 5,682.57 | 1/4 | 6,241.08 | 1/4 | 6,763.06 | 1/4 | 7,235.13 | 1/4 | 7,639.26 | 1/4 | 7,945.93 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,110.91 | 1/2 | 5,694.49 | 1/2 | 6,252.36 | 1/2 | 6,773.45 | 1/2 | 7,244.30 | 1/2 | 7,646.76 | 1/2 | 7,950.88 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,123.26 | 3/4 | 5,706.42 | 3/4 | 6,263.64 | 3/4 | 6,783.83 | 3/4 | 7,253.48 | 3/4 | 7,654.26 | 3/4 | 7,955.83 | 3/4 |          | 3/4 |        | 3/4 |        |
| 4   | 5,135.62 | 4   | 5,718.34 | 4   | 6,274.92 | 4   | 6,794.22 | 4   | 7,262.65 | 4   | 7,661.77 | 4   | 7,960.78 | 4   |          | 4   |        | 4   |        |
| 1/4 | 5,147.95 | 1/4 | 5,730.22 | 1/4 | 6,286.14 | 1/4 | 6,804.52 | 1/4 | 7,271.70 | 1/4 | 7,669.10 | 1/4 | 7,965.44 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,160.28 | 1/2 | 5,742.11 | 1/2 | 6,297.35 | 1/2 | 6,814.81 | 1/2 | 7,280.76 | 1/2 | 7,676.43 | 1/2 | 7,970.09 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,172.61 | 3/4 | 5,753.99 | 3/4 | 6,308.57 | 3/4 | 6,825.11 | 3/4 | 7,289.81 | 3/4 | 7,683.76 | 3/4 | 7,974.75 | 3/4 |          | 3/4 |        | 3/4 |        |
| 5   | 5,184.93 | 5   | 5,765.87 | 5   | 6,319.79 | 5   | 6,835.41 | 5   | 7,298.87 | 5   | 7,691.09 | 5   | 7,979.41 | 5   |          | 5   |        | 5   |        |
| 1/4 | 5,197.23 | 1/4 | 5,777.70 | 1/4 | 6,330.94 | 1/4 | 6,845.62 | 1/4 | 7,307.80 | 1/4 | 7,698.25 | 1/4 | 7,983.75 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,209.53 | 1/2 | 5,789.53 | 1/2 | 6,342.09 | 1/2 | 6,855.82 | 1/2 | 7,316.73 | 1/2 | 7,705.41 | 1/2 | 7,988.09 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,221.83 | 3/4 | 5,801.37 | 3/4 | 6,353.24 | 3/4 | 6,866.03 | 3/4 | 7,325.66 | 3/4 | 7,712.57 | 3/4 | 7,992.43 | 3/4 |          | 3/4 |        | 3/4 |        |
| 6   | 5,234.13 | 6   | 5,813.20 | 6   | 6,364.39 | 6   | 6,876.24 | 6   | 7,334.59 | 6   | 7,719.72 | 6   | 7,996.78 | 6   |          | 6   |        | 6   |        |
| 1/4 | 5,246.40 | 1/4 | 5,824.99 | 1/4 | 6,375.47 | 1/4 | 6,886.36 | 1/4 | 7,343.40 | 1/4 | 7,726.70 | 1/4 | 8,000.78 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,258.67 | 1/2 | 5,836.77 | 1/2 | 6,386.55 | 1/2 | 6,896.47 | 1/2 | 7,352.20 | 1/2 | 7,733.68 | 1/2 | 8,004.78 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,270.93 | 3/4 | 5,848.56 | 3/4 | 6,397.63 | 3/4 | 6,906.59 | 3/4 | 7,361.01 | 3/4 | 7,740.65 | 3/4 | 8,008.78 | 3/4 |          | 3/4 |        | 3/4 |        |
| 7   | 5,283.20 | 7   | 5,860.35 | 7   | 6,408.72 | 7   | 6,916.70 | 7   | 7,369.82 | 7   | 7,747.63 | 7   | 8,012.78 | 7   |          | 7   |        | 7   |        |
| 1/4 | 5,295.44 | 1/4 | 5,872.08 | 1/4 | 6,419.73 | 1/4 | 6,926.73 | 1/4 | 7,378.50 | 1/4 | 7,754.42 | 1/4 | 8,016.40 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,307.67 | 1/2 | 5,883.82 | 1/2 | 6,430.74 | 1/2 | 6,936.75 | 1/2 | 7,387.17 | 1/2 | 7,761.21 | 1/2 | 8,020.02 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,319.91 | 3/4 | 5,895.55 | 3/4 | 6,441.76 | 3/4 | 6,946.77 | 3/4 | 7,395.85 | 3/4 | 7,767.99 | 3/4 | 8,023.64 | 3/4 |          | 3/4 |        | 3/4 |        |
| 8   | 5,332.14 | 8   | 5,907.29 | 8   | 6,452.77 | 8   | 6,956.79 | 8   | 7,404.53 | 8   | 7,774.78 | 8   | 8,027.27 | 8   |          | 8   |        | 8   |        |
| 1/4 | 5,344.35 | 1/4 | 5,918.97 | 1/4 | 6,463.71 | 1/4 | 6,966.71 | 1/4 | 7,413.07 | 1/4 | 7,781.38 | 1/4 | 8,030.46 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,356.55 | 1/2 | 5,930.66 | 1/2 | 6,474.65 | 1/2 | 6,976.64 | 1/2 | 7,421.62 | 1/2 | 7,787.97 | 1/2 | 8,033.66 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,368.75 | 3/4 | 5,942.34 | 3/4 | 6,485.59 | 3/4 | 6,986.56 | 3/4 | 7,430.16 | 3/4 | 7,794.56 | 3/4 | 8,036.86 | 3/4 |          | 3/4 |        | 3/4 |        |
| 9   | 5,380.95 | 9   | 5,954.03 | 9   | 6,496.53 | 9   | 6,996.49 | 9   | 7,438.71 | 9   | 7,801.16 | 9   | 8,040.06 | 9   |          | 9   |        | 9   |        |
| 1/4 | 5,393.12 | 1/4 | 5,965.66 | 1/4 | 6,507.40 | 1/4 | 7,006.31 | 1/4 | 7,447.12 | 1/4 | 7,807.55 | 1/4 | 8,042.76 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,405.28 | 1/2 | 5,977.29 | 1/2 | 6,518.27 | 1/2 | 7,016.14 | 1/2 | 7,455.53 | 1/2 | 7,813.94 | 1/2 | 8,045.46 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,417.45 | 3/4 | 5,988.92 | 3/4 | 6,529.14 | 3/4 | 7,025.96 | 3/4 | 7,463.93 | 3/4 | 7,820.33 | 3/4 | 8,048.17 | 3/4 |          | 3/4 |        | 3/4 |        |
| 10  | 5,429.62 | 10  | 6,000.56 | 10  | 6,540.00 | 10  | 7,035.79 | 10  | 7,472.34 | 10  | 7,826.72 | 10  | 8,050.87 | 10  |          | 10  |        | 10  |        |
| 1/4 | 5,441.75 | 1/4 | 6,012.13 | 1/4 | 6,550.80 | 1/4 | 7,045.51 | 1/4 | 7,480.61 | 1/4 | 7,832.90 | 1/4 | 8,052.96 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,453.88 | 1/2 | 6,023.71 | 1/2 | 6,561.59 | 1/2 | 7,055.23 | 1/2 | 7,488.88 | 1/2 | 7,839.08 | 1/2 | 8,055.05 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,466.01 | 3/4 | 6,035.29 | 3/4 | 6,572.38 | 3/4 | 7,064.96 | 3/4 | 7,497.15 | 3/4 | 7,845.26 | 3/4 | 8,057.14 | 3/4 |          | 3/4 |        | 3/4 |        |
| 11  | 5,478.14 | 11  | 6,046.87 | 11  | 6,583.17 | 11  | 7,074.68 | 11  | 7,505.42 | 11  | 7,851.44 | 11  | 8,059.23 | 11  |          | 11  |        | 11  |        |
| 1/4 | 5,490.23 | 1/4 | 6,058.39 | 1/4 | 6,593.89 | 1/4 | 7,084.30 | 1/4 | 7,513.54 | 1/4 | 7,857.39 | 1/4 | 8,060.37 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,502.32 | 1/2 | 6,069.91 | 1/2 | 6,604.60 | 1/2 | 7,093.92 | 1/2 | 7,521.67 | 1/2 | 7,863.35 | 1/2 | 8,061.51 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,514.41 | 3/4 | 6,081.43 | 3/4 | 6,615.32 | 3/4 | 7,103.53 | 3/4 | 7,529.79 | 3/4 | 7,869.31 | 3/4 | 8,062.65 | 3/4 |          | 3/4 |        | 3/4 |        |

STRAPPED: 01/29/2020 CL  
CALCULATED: 01/29/2020 CL  
VERIFIED: 05/15/2025 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092

Pearland, Texas 77588

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# BARGE "KIRBY 16818"

**STBD  
HORIZONTAL**

## INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 2062"

| 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   | 187.98 | 0   | 524.90 | 0   | 949.78   | 0   | 1,437.03 | 0   | 1,970.25 | 0   | 2,536.84 | 0   | 3,126.21 | 0   | 3,728.88 | 0   | 4,335.91 |
| 1/4 | 1.27   | 1/4 | 193.89 | 1/4 | 533.03 | 1/4 | 959.40   | 1/4 | 1,447.74 | 1/4 | 1,981.77 | 1/4 | 2,548.93 | 1/4 | 3,138.67 | 1/4 | 3,741.51 | 1/4 | 4,348.54 |
| 1/2 | 2.41   | 1/2 | 199.80 | 1/2 | 541.16 | 1/2 | 969.02   | 1/2 | 1,458.46 | 1/2 | 1,993.29 | 1/2 | 2,561.03 | 1/2 | 3,151.13 | 1/2 | 3,754.15 | 1/2 | 4,361.17 |
| 3/4 | 3.55   | 3/4 | 205.70 | 3/4 | 549.28 | 3/4 | 978.64   | 3/4 | 1,469.18 | 3/4 | 2,004.82 | 3/4 | 2,573.13 | 3/4 | 3,163.59 | 3/4 | 3,766.78 | 3/4 | 4,373.79 |
| 1   | 4.70   | 1   | 211.61 | 1   | 557.41 | 1   | 988.26   | 1   | 1,479.90 | 1   | 2,016.34 | 1   | 2,585.22 | 1   | 3,176.05 | 1   | 3,779.42 | 1   | 4,386.42 |
| 1/4 | 6.78   | 1/4 | 217.74 | 1/4 | 565.68 | 1/4 | 997.99   | 1/4 | 1,490.69 | 1/4 | 2,027.92 | 1/4 | 2,597.35 | 1/4 | 3,188.53 | 1/4 | 3,792.06 | 1/4 | 4,399.04 |
| 1/2 | 8.87   | 1/2 | 223.87 | 1/2 | 573.95 | 1/2 | 1,007.71 | 1/2 | 1,501.49 | 1/2 | 2,039.50 | 1/2 | 2,609.49 | 1/2 | 3,201.02 | 1/2 | 3,804.70 | 1/2 | 4,411.66 |
| 3/4 | 10.96  | 3/4 | 230.00 | 3/4 | 582.22 | 3/4 | 1,017.44 | 3/4 | 1,512.28 | 3/4 | 2,051.08 | 3/4 | 2,621.62 | 3/4 | 3,213.50 | 3/4 | 3,817.34 | 3/4 | 4,424.28 |
| 2   | 13.05  | 2   | 236.13 | 2   | 590.49 | 2   | 1,027.16 | 2   | 1,523.08 | 2   | 2,062.67 | 2   | 2,633.75 | 2   | 3,225.98 | 2   | 3,829.98 | 2   | 4,436.89 |
| 1/4 | 15.76  | 1/4 | 242.49 | 1/4 | 598.90 | 1/4 | 1,036.99 | 1/4 | 1,533.95 | 1/4 | 2,074.30 | 1/4 | 2,645.92 | 1/4 | 3,238.48 | 1/4 | 3,842.63 | 1/4 | 4,449.50 |
| 1/2 | 18.46  | 1/2 | 248.86 | 1/2 | 607.32 | 1/2 | 1,046.82 | 1/2 | 1,544.82 | 1/2 | 2,085.93 | 1/2 | 2,658.09 | 1/2 | 3,250.98 | 1/2 | 3,855.27 | 1/2 | 4,462.11 |
| 3/4 | 21.17  | 3/4 | 255.23 | 3/4 | 615.73 | 3/4 | 1,056.65 | 3/4 | 1,555.69 | 3/4 | 2,097.57 | 3/4 | 2,670.26 | 3/4 | 3,263.48 | 3/4 | 3,867.92 | 3/4 | 4,474.72 |
| 3   | 23.87  | 3   | 261.59 | 3   | 624.14 | 3   | 1,066.47 | 3   | 1,566.56 | 3   | 2,109.20 | 3   | 2,682.43 | 3   | 3,275.99 | 3   | 3,880.57 | 3   | 4,487.33 |
| 1/4 | 27.07  | 1/4 | 268.19 | 1/4 | 632.68 | 1/4 | 1,076.40 | 1/4 | 1,577.50 | 1/4 | 2,120.89 | 1/4 | 2,694.64 | 1/4 | 3,288.51 | 1/4 | 3,893.22 | 1/4 | 4,499.93 |
| 1/2 | 30.27  | 1/2 | 274.78 | 1/2 | 641.23 | 1/2 | 1,086.33 | 1/2 | 1,588.45 | 1/2 | 2,132.58 | 1/2 | 2,706.84 | 1/2 | 3,301.03 | 1/2 | 3,905.87 | 1/2 | 4,512.52 |
| 3/4 | 33.47  | 3/4 | 281.38 | 3/4 | 649.78 | 3/4 | 1,096.26 | 3/4 | 1,599.39 | 3/4 | 2,144.27 | 3/4 | 2,719.05 | 3/4 | 3,313.55 | 3/4 | 3,918.52 | 3/4 | 4,525.12 |
| 4   | 36.66  | 4   | 287.97 | 4   | 658.33 | 4   | 1,106.18 | 4   | 1,610.34 | 4   | 2,155.96 | 4   | 2,731.25 | 4   | 3,326.07 | 4   | 3,931.17 | 4   | 4,537.72 |
| 1/4 | 40.29  | 1/4 | 294.76 | 1/4 | 667.01 | 1/4 | 1,116.21 | 1/4 | 1,621.35 | 1/4 | 2,167.69 | 1/4 | 2,743.49 | 1/4 | 3,338.61 | 1/4 | 3,943.82 | 1/4 | 4,550.30 |
| 1/2 | 43.91  | 1/2 | 301.55 | 1/2 | 675.69 | 1/2 | 1,126.23 | 1/2 | 1,632.37 | 1/2 | 2,179.43 | 1/2 | 2,755.73 | 1/2 | 3,351.15 | 1/2 | 3,956.47 | 1/2 | 4,562.89 |
| 3/4 | 47.54  | 3/4 | 308.34 | 3/4 | 684.37 | 3/4 | 1,136.25 | 3/4 | 1,643.38 | 3/4 | 2,191.17 | 3/4 | 2,767.97 | 3/4 | 3,363.69 | 3/4 | 3,969.12 | 3/4 | 4,575.47 |
| 5   | 51.16  | 5   | 315.14 | 5   | 693.05 | 5   | 1,146.28 | 5   | 1,654.40 | 5   | 2,202.91 | 5   | 2,780.21 | 5   | 3,376.23 | 5   | 3,981.78 | 5   | 4,588.06 |
| 1/4 | 55.16  | 1/4 | 322.11 | 1/4 | 701.85 | 1/4 | 1,156.40 | 1/4 | 1,665.48 | 1/4 | 2,214.70 | 1/4 | 2,792.48 | 1/4 | 3,388.78 | 1/4 | 3,994.43 | 1/4 | 4,600.63 |
| 1/2 | 59.16  | 1/2 | 329.09 | 1/2 | 710.66 | 1/2 | 1,166.51 | 1/2 | 1,676.57 | 1/2 | 2,226.49 | 1/2 | 2,804.75 | 1/2 | 3,401.34 | 1/2 | 4,007.08 | 1/2 | 4,613.20 |
| 3/4 | 63.16  | 3/4 | 336.07 | 3/4 | 719.47 | 3/4 | 1,176.63 | 3/4 | 1,687.65 | 3/4 | 2,238.28 | 3/4 | 2,817.02 | 3/4 | 3,413.89 | 3/4 | 4,019.74 | 3/4 | 4,625.77 |
| 6   | 67.16  | 6   | 343.05 | 6   | 728.28 | 6   | 1,186.75 | 6   | 1,698.74 | 6   | 2,250.07 | 6   | 2,829.29 | 6   | 3,426.45 | 6   | 4,032.39 | 6   | 4,638.34 |
| 1/4 | 71.51  | 1/4 | 350.21 | 1/4 | 737.21 | 1/4 | 1,196.96 | 1/4 | 1,709.89 | 1/4 | 2,261.90 | 1/4 | 2,841.59 | 1/4 | 3,439.02 | 1/4 | 4,045.05 | 1/4 | 4,650.89 |
| 1/2 | 75.85  | 1/2 | 357.37 | 1/2 | 746.15 | 1/2 | 1,207.17 | 1/2 | 1,721.04 | 1/2 | 2,273.74 | 1/2 | 2,853.89 | 1/2 | 3,451.59 | 1/2 | 4,057.70 | 1/2 | 4,663.45 |
| 3/4 | 80.19  | 3/4 | 364.53 | 3/4 | 755.08 | 3/4 | 1,217.38 | 3/4 | 1,732.20 | 3/4 | 2,285.58 | 3/4 | 2,866.20 | 3/4 | 3,464.16 | 3/4 | 4,070.35 | 3/4 | 4,676.00 |
| 7   | 84.54  | 7   | 371.69 | 7   | 764.02 | 7   | 1,227.59 | 7   | 1,743.35 | 7   | 2,297.42 | 7   | 2,878.50 | 7   | 3,476.73 | 7   | 4,083.01 | 7   | 4,688.56 |
| 1/4 | 89.19  | 1/4 | 379.02 | 1/4 | 773.07 | 1/4 | 1,237.89 | 1/4 | 1,754.57 | 1/4 | 2,309.30 | 1/4 | 2,890.83 | 1/4 | 3,489.32 | 1/4 | 4,095.66 | 1/4 | 4,701.10 |
| 1/2 | 93.85  | 1/2 | 386.35 | 1/2 | 782.13 | 1/2 | 1,248.19 | 1/2 | 1,765.79 | 1/2 | 2,321.18 | 1/2 | 2,903.16 | 1/2 | 3,501.90 | 1/2 | 4,108.31 | 1/2 | 4,713.64 |
| 3/4 | 98.51  | 3/4 | 393.69 | 3/4 | 791.19 | 3/4 | 1,258.50 | 3/4 | 1,777.01 | 3/4 | 2,333.07 | 3/4 | 2,915.49 | 3/4 | 3,514.48 | 3/4 | 4,120.97 | 3/4 | 4,726.18 |
| 8   | 103.17 | 8   | 401.02 | 8   | 800.24 | 8   | 1,268.80 | 8   | 1,788.23 | 8   | 2,344.95 | 8   | 2,927.83 | 8   | 3,527.07 | 8   | 4,133.62 | 8   | 4,738.71 |
| 1/4 | 108.09 | 1/4 | 408.52 | 1/4 | 809.42 | 1/4 | 1,279.18 | 1/4 | 1,799.51 | 1/4 | 2,356.88 | 1/4 | 2,940.19 | 1/4 | 3,539.67 | 1/4 | 4,146.27 | 1/4 | 4,751.24 |
| 1/2 | 113.02 | 1/2 | 416.03 | 1/2 | 818.59 | 1/2 | 1,289.57 | 1/2 | 1,810.80 | 1/2 | 2,368.81 | 1/2 | 2,952.55 | 1/2 | 3,552.26 | 1/2 | 4,158.92 | 1/2 | 4,763.76 |
| 3/4 | 117.94 | 3/4 | 423.53 | 3/4 | 827.77 | 3/4 | 1,299.96 | 3/4 | 1,822.08 | 3/4 | 2,380.74 | 3/4 | 2,964.91 | 3/4 | 3,564.86 | 3/4 | 4,171.57 | 3/4 | 4,776.28 |
| 9   | 122.87 | 9   | 431.03 | 9   | 836.94 | 9   | 1,310.35 | 9   | 1,833.36 | 9   | 2,392.67 | 9   | 2,977.27 | 9   | 3,577.46 | 9   | 4,184.22 | 9   | 4,788.80 |
| 1/4 | 128.04 | 1/4 | 438.70 | 1/4 | 846.23 | 1/4 | 1,320.82 | 1/4 | 1,844.71 | 1/4 | 2,404.64 | 1/4 | 2,989.65 | 1/4 | 3,590.07 | 1/4 | 4,196.87 | 1/4 | 4,801.30 |
| 1/2 | 133.21 | 1/2 | 446.36 | 1/2 | 855.52 | 1/2 | 1,331.30 | 1/2 | 1,856.06 | 1/2 | 2,416.61 | 1/2 | 3,002.04 | 1/2 | 3,602.67 | 1/2 | 4,209.51 | 1/2 | 4,813.80 |
| 3/4 | 138.38 | 3/4 | 454.03 | 3/4 | 864.82 | 3/4 | 1,341.77 | 3/4 | 1,867.40 | 3/4 | 2,428.58 | 3/4 | 3,014.43 | 3/4 | 3,615.28 | 3/4 | 4,222.16 | 3/4 | 4,826.30 |
| 10  | 143.56 | 10  | 461.70 | 10  | 874.11 | 10  | 1,352.24 | 10  | 1,878.75 | 10  | 2,440.56 | 10  | 3,026.81 | 10  | 3,627.89 | 10  | 4,234.81 | 10  | 4,838.81 |
| 1/4 | 148.99 | 1/4 | 469.52 | 1/4 | 883.51 | 1/4 | 1,362.80 | 1/4 | 1,890.16 | 1/4 | 2,452.57 | 1/4 | 3,039.23 | 1/4 | 3,640.51 | 1/4 | 4,247.45 | 1/4 | 4,851.29 |
| 1/2 | 154.42 | 1/2 | 477.35 | 1/2 | 892.91 | 1/2 | 1,373.36 | 1/2 | 1,901.56 | 1/2 | 2,464.59 | 1/2 | 3,051.64 | 1/2 | 3,653.13 | 1/2 | 4,260.09 | 1/2 | 4,863.77 |
| 3/4 | 159.85 | 3/4 | 485.17 | 3/4 | 902.32 | 3/4 | 1,383.92 | 3/4 | 1,912.97 | 3/4 | 2,476.60 | 3/4 | 3,064.05 | 3/4 | 3,665.75 | 3/4 | 4,272.73 | 3/4 | 4,876.25 |
| 11  | 165.28 | 11  | 492.99 | 11  | 911.72 | 11  | 1,394.47 | 11  | 1,924.38 | 11  | 2,488.62 | 11  | 3,076.46 | 11  | 3,678.37 | 11  | 4,285.37 | 11  | 4,888.73 |
| 1/4 | 170.96 | 1/4 | 500.97 | 1/4 | 921.24 | 1/4 | 1,405.11 | 1/4 | 1,935.85 | 1/4 | 2,500.67 | 1/4 | 3,088.90 | 1/4 | 3,690.99 | 1/4 | 4,298.00 | 1/4 | 4,901.19 |
| 1/2 | 176.63 | 1/2 | 508.95 | 1/2 | 930.75 | 1/2 | 1,415.75 | 1/2 | 1,947.31 | 1/2 | 2,512.73 | 1/2 | 3,101.34 | 1/2 | 3,703.62 | 1/2 | 4,310.64 | 1/2 | 4,913.65 |
| 3/4 | 182.31 | 3/4 | 516.93 | 3/4 | 940.26 | 3/4 | 1,426.39 | 3/4 | 1,958.78 | 3/4 | 2,524.78 | 3/4 | 3,113.78 | 3/4 | 3,716.25 | 3/4 | 4,323.28 | 3/4 | 4,926.11 |

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.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "KIRBY 16818"

## STBD HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "FMT 2062"

| 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   | 4,938.57 | 0   | 5,527.95 | 0   | 6,094.54 | 0   | 6,627.76 | 0   | 7,115.01 | 0   | 7,539.88 | 0   | 7,877.32 | 0   | 8,065.90 | 0   |        | 0   |        |
| 1/4 | 4,951.01 | 1/4 | 5,540.00 | 1/4 | 6,106.01 | 1/4 | 6,638.40 | 1/4 | 7,124.52 | 1/4 | 7,547.86 | 1/4 | 7,883.05 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 4,963.45 | 1/2 | 5,552.06 | 1/2 | 6,117.47 | 1/2 | 6,649.04 | 1/2 | 7,134.04 | 1/2 | 7,555.84 | 1/2 | 7,888.77 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 4,975.88 | 3/4 | 5,564.11 | 3/4 | 6,128.94 | 3/4 | 6,659.67 | 3/4 | 7,143.55 | 3/4 | 7,563.81 | 3/4 | 7,894.50 | 3/4 |          | 3/4 |        | 3/4 |        |
| 1   | 4,988.32 | 1   | 5,576.17 | 1   | 6,140.41 | 1   | 6,670.31 | 1   | 7,153.06 | 1   | 7,571.79 | 1   | 7,900.23 | 1   |          | 1   |        | 1   |        |
| 1/4 | 5,000.73 | 1/4 | 5,588.18 | 1/4 | 6,151.81 | 1/4 | 6,680.87 | 1/4 | 7,162.47 | 1/4 | 7,579.62 | 1/4 | 7,905.71 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,013.15 | 1/2 | 5,600.20 | 1/2 | 6,163.22 | 1/2 | 6,691.43 | 1/2 | 7,171.87 | 1/2 | 7,587.44 | 1/2 | 7,911.19 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,025.56 | 3/4 | 5,612.21 | 3/4 | 6,174.63 | 3/4 | 6,701.98 | 3/4 | 7,181.28 | 3/4 | 7,595.26 | 3/4 | 7,916.68 | 3/4 |          | 3/4 |        | 3/4 |        |
| 2   | 5,037.97 | 2   | 5,624.23 | 2   | 6,186.04 | 2   | 6,712.54 | 2   | 7,190.68 | 2   | 7,603.09 | 2   | 7,922.16 | 2   |          | 2   |        | 2   |        |
| 1/4 | 5,050.36 | 1/4 | 5,636.20 | 1/4 | 6,197.38 | 1/4 | 6,723.02 | 1/4 | 7,199.97 | 1/4 | 7,610.75 | 1/4 | 7,927.38 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,062.75 | 1/2 | 5,648.17 | 1/2 | 6,208.73 | 1/2 | 6,733.49 | 1/2 | 7,209.26 | 1/2 | 7,618.42 | 1/2 | 7,932.61 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,075.13 | 3/4 | 5,660.15 | 3/4 | 6,220.08 | 3/4 | 6,743.96 | 3/4 | 7,218.55 | 3/4 | 7,626.09 | 3/4 | 7,937.83 | 3/4 |          | 3/4 |        | 3/4 |        |
| 3   | 5,087.52 | 3   | 5,672.12 | 3   | 6,231.42 | 3   | 6,754.44 | 3   | 7,227.84 | 3   | 7,633.75 | 3   | 7,943.06 | 3   |          | 3   |        | 3   |        |
| 1/4 | 5,099.88 | 1/4 | 5,684.05 | 1/4 | 6,242.71 | 1/4 | 6,764.82 | 1/4 | 7,237.02 | 1/4 | 7,641.26 | 1/4 | 7,948.01 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,112.24 | 1/2 | 5,695.98 | 1/2 | 6,253.99 | 1/2 | 6,775.21 | 1/2 | 7,246.19 | 1/2 | 7,648.76 | 1/2 | 7,952.96 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,124.60 | 3/4 | 5,707.91 | 3/4 | 6,265.27 | 3/4 | 6,785.60 | 3/4 | 7,255.37 | 3/4 | 7,656.26 | 3/4 | 7,957.91 | 3/4 |          | 3/4 |        | 3/4 |        |
| 4   | 5,136.96 | 4   | 5,719.84 | 4   | 6,276.56 | 4   | 6,795.99 | 4   | 7,264.54 | 4   | 7,663.76 | 4   | 7,962.86 | 4   |          | 4   |        | 4   |        |
| 1/4 | 5,149.29 | 1/4 | 5,731.72 | 1/4 | 6,287.78 | 1/4 | 6,806.29 | 1/4 | 7,273.60 | 1/4 | 7,671.10 | 1/4 | 7,967.52 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,161.62 | 1/2 | 5,743.60 | 1/2 | 6,299.00 | 1/2 | 6,816.59 | 1/2 | 7,282.66 | 1/2 | 7,678.43 | 1/2 | 7,972.17 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,173.96 | 3/4 | 5,755.49 | 3/4 | 6,310.22 | 3/4 | 6,826.89 | 3/4 | 7,291.71 | 3/4 | 7,685.77 | 3/4 | 7,976.83 | 3/4 |          | 3/4 |        | 3/4 |        |
| 5   | 5,186.29 | 5   | 5,767.37 | 5   | 6,321.43 | 5   | 6,837.19 | 5   | 7,300.77 | 5   | 7,693.10 | 5   | 7,981.49 | 5   |          | 5   |        | 5   |        |
| 1/4 | 5,198.59 | 1/4 | 5,779.21 | 1/4 | 6,332.59 | 1/4 | 6,847.40 | 1/4 | 7,309.70 | 1/4 | 7,700.26 | 1/4 | 7,985.83 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,210.89 | 1/2 | 5,791.04 | 1/2 | 6,343.74 | 1/2 | 6,857.61 | 1/2 | 7,318.64 | 1/2 | 7,707.42 | 1/2 | 7,990.18 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,223.19 | 3/4 | 5,802.88 | 3/4 | 6,354.89 | 3/4 | 6,867.82 | 3/4 | 7,327.57 | 3/4 | 7,714.58 | 3/4 | 7,994.52 | 3/4 |          | 3/4 |        | 3/4 |        |
| 6   | 5,235.50 | 6   | 5,814.72 | 6   | 6,366.05 | 6   | 6,878.03 | 6   | 7,336.51 | 6   | 7,721.74 | 6   | 7,998.86 | 6   |          | 6   |        | 6   |        |
| 1/4 | 5,247.77 | 1/4 | 5,826.51 | 1/4 | 6,377.13 | 1/4 | 6,888.15 | 1/4 | 7,345.31 | 1/4 | 7,728.72 | 1/4 | 8,002.86 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,260.04 | 1/2 | 5,838.30 | 1/2 | 6,388.22 | 1/2 | 6,898.27 | 1/2 | 7,354.12 | 1/2 | 7,735.69 | 1/2 | 8,006.87 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,272.31 | 3/4 | 5,850.08 | 3/4 | 6,399.30 | 3/4 | 6,908.39 | 3/4 | 7,362.93 | 3/4 | 7,742.67 | 3/4 | 8,010.87 | 3/4 |          | 3/4 |        | 3/4 |        |
| 7   | 5,284.58 | 7   | 5,861.87 | 7   | 6,410.39 | 7   | 6,918.51 | 7   | 7,371.74 | 7   | 7,749.65 | 7   | 8,014.87 | 7   |          | 7   |        | 7   |        |
| 1/4 | 5,296.82 | 1/4 | 5,873.61 | 1/4 | 6,421.40 | 1/4 | 6,928.53 | 1/4 | 7,380.42 | 1/4 | 7,756.44 | 1/4 | 8,018.49 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,309.06 | 1/2 | 5,885.35 | 1/2 | 6,432.42 | 1/2 | 6,938.56 | 1/2 | 7,389.10 | 1/2 | 7,763.23 | 1/2 | 8,022.11 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,321.30 | 3/4 | 5,897.09 | 3/4 | 6,443.43 | 3/4 | 6,948.58 | 3/4 | 7,397.78 | 3/4 | 7,770.02 | 3/4 | 8,025.74 | 3/4 |          | 3/4 |        | 3/4 |        |
| 8   | 5,333.53 | 8   | 5,908.83 | 8   | 6,454.45 | 8   | 6,958.60 | 8   | 7,406.46 | 8   | 7,776.81 | 8   | 8,029.36 | 8   |          | 8   |        | 8   |        |
| 1/4 | 5,345.74 | 1/4 | 5,920.52 | 1/4 | 6,465.39 | 1/4 | 6,968.53 | 1/4 | 7,415.01 | 1/4 | 7,783.41 | 1/4 | 8,032.56 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,357.94 | 1/2 | 5,932.21 | 1/2 | 6,476.34 | 1/2 | 6,978.46 | 1/2 | 7,423.55 | 1/2 | 7,790.00 | 1/2 | 8,035.76 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,370.15 | 3/4 | 5,943.89 | 3/4 | 6,487.28 | 3/4 | 6,988.38 | 3/4 | 7,432.10 | 3/4 | 7,796.60 | 3/4 | 8,038.96 | 3/4 |          | 3/4 |        | 3/4 |        |
| 9   | 5,382.35 | 9   | 5,955.58 | 9   | 6,498.23 | 9   | 6,998.31 | 9   | 7,440.65 | 9   | 7,803.19 | 9   | 8,042.16 | 9   |          | 9   |        | 9   |        |
| 1/4 | 5,394.52 | 1/4 | 5,967.22 | 1/4 | 6,509.10 | 1/4 | 7,008.14 | 1/4 | 7,449.06 | 1/4 | 7,809.59 | 1/4 | 8,044.86 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,406.69 | 1/2 | 5,978.85 | 1/2 | 6,519.97 | 1/2 | 7,017.97 | 1/2 | 7,457.47 | 1/2 | 7,815.98 | 1/2 | 8,047.57 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,418.86 | 3/4 | 5,990.49 | 3/4 | 6,530.84 | 3/4 | 7,027.79 | 3/4 | 7,465.88 | 3/4 | 7,822.37 | 3/4 | 8,050.27 | 3/4 |          | 3/4 |        | 3/4 |        |
| 10  | 5,431.03 | 10  | 6,002.12 | 10  | 6,541.71 | 10  | 7,037.62 | 10  | 7,474.29 | 10  | 7,828.76 | 10  | 8,052.97 | 10  |          | 10  |        | 10  |        |
| 1/4 | 5,443.17 | 1/4 | 6,013.70 | 1/4 | 6,552.50 | 1/4 | 7,047.35 | 1/4 | 7,482.56 | 1/4 | 7,834.94 | 1/4 | 8,055.06 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,455.30 | 1/2 | 6,025.28 | 1/2 | 6,563.30 | 1/2 | 7,057.07 | 1/2 | 7,490.83 | 1/2 | 7,841.12 | 1/2 | 8,057.15 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,467.43 | 3/4 | 6,036.86 | 3/4 | 6,574.09 | 3/4 | 7,066.80 | 3/4 | 7,499.10 | 3/4 | 7,847.30 | 3/4 | 8,059.24 | 3/4 |          | 3/4 |        | 3/4 |        |
| 11  | 5,479.57 | 11  | 6,048.44 | 11  | 6,584.89 | 11  | 7,076.52 | 11  | 7,507.38 | 11  | 7,853.48 | 11  | 8,061.33 | 11  |          | 11  |        | 11  |        |
| 1/4 | 5,491.66 | 1/4 | 6,059.97 | 1/4 | 6,595.61 | 1/4 | 7,086.14 | 1/4 | 7,515.50 | 1/4 | 7,859.44 | 1/4 | 8,062.47 | 1/4 |          | 1/4 |        | 1/4 |        |
| 1/2 | 5,503.76 | 1/2 | 6,071.49 | 1/2 | 6,606.32 | 1/2 | 7,095.77 | 1/2 | 7,523.63 | 1/2 | 7,865.40 | 1/2 | 8,063.62 | 1/2 |          | 1/2 |        | 1/2 |        |
| 3/4 | 5,515.85 | 3/4 | 6,083.02 | 3/4 | 6,617.04 | 3/4 | 7,105.39 | 3/4 | 7,531.75 | 3/4 | 7,871.36 | 3/4 | 8,064.76 | 3/4 |          | 3/4 |        | 3/4 |        |

STRAPPED: 01/29/2020 CL  
CALCULATED: 01/29/2020 CL  
VERIFIED: 05/15/2025 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 05/2025

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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