



BARGE "KIRBY 16827"

PORT HORIZONTAL

INNAGE TABLE BERGAN GAUGE

FORMERLY "UTE"

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 | 187.98 | 0 | 524.87 | 0 | 949.69 | 0 | 1,436.86 | 0 | 1,969.98 | 0 | 2,536.46 | 0 | 3,125.71 | 0 | 3,728.24 | 0 | 4,335.14 |
| 1/4 | 1.27 | 1/4 | 193.89 | 1/4 | 533.00 | 1/4 | 959.31 | 1/4 | 1,447.58 | 1/4 | 1,981.51 | 1/4 | 2,548.56 | 1/4 | 3,138.17 | 1/4 | 3,740.87 | 1/4 | 4,347.77 |
| 1/2 | 2.41 | 1/2 | 199.79 | 1/2 | 541.13 | 1/2 | 968.93 | 1/2 | 1,458.29 | 1/2 | 1,993.03 | 1/2 | 2,560.65 | 1/2 | 3,150.62 | 1/2 | 3,753.51 | 1/2 | 4,360.39 |
| 3/4 | 3.55 | 3/4 | 205.70 | 3/4 | 549.25 | 3/4 | 978.55 | 3/4 | 1,469.01 | 3/4 | 2,004.55 | 3/4 | 2,572.74 | 3/4 | 3,163.08 | 3/4 | 3,766.14 | 3/4 | 4,373.01 |
| 1 | 4.70 | 1 | 211.61 | 1 | 557.38 | 1 | 988.17 | 1 | 1,479.73 | 1 | 2,016.07 | 1 | 2,584.83 | 1 | 3,175.54 | 1 | 3,778.77 | 1 | 4,385.64 |
| 1/4 | 6.79 | 1/4 | 217.74 | 1/4 | 565.65 | 1/4 | 997.90 | 1/4 | 1,490.52 | 1/4 | 2,027.65 | 1/4 | 2,596.96 | 1/4 | 3,188.02 | 1/4 | 3,791.41 | 1/4 | 4,398.26 |
| 1/2 | 8.87 | 1/2 | 223.86 | 1/2 | 573.92 | 1/2 | 1,007.62 | 1/2 | 1,501.31 | 1/2 | 2,039.23 | 1/2 | 2,609.10 | 1/2 | 3,200.50 | 1/2 | 3,804.05 | 1/2 | 4,410.87 |
| 3/4 | 10.96 | 3/4 | 229.99 | 3/4 | 582.19 | 3/4 | 1,017.34 | 3/4 | 1,512.11 | 3/4 | 2,050.81 | 3/4 | 2,621.23 | 3/4 | 3,212.98 | 3/4 | 3,816.69 | 3/4 | 4,423.49 |
| 2 | 13.05 | 2 | 236.12 | 2 | 590.46 | 2 | 1,027.07 | 2 | 1,522.90 | 2 | 2,062.39 | 2 | 2,633.36 | 2 | 3,225.46 | 2 | 3,829.32 | 2 | 4,436.10 |
| 1/4 | 15.76 | 1/4 | 242.49 | 1/4 | 598.87 | 1/4 | 1,036.89 | 1/4 | 1,533.77 | 1/4 | 2,074.02 | 1/4 | 2,645.52 | 1/4 | 3,237.95 | 1/4 | 3,841.97 | 1/4 | 4,448.71 |
| 1/2 | 18.46 | 1/2 | 248.85 | 1/2 | 607.28 | 1/2 | 1,046.72 | 1/2 | 1,544.64 | 1/2 | 2,085.65 | 1/2 | 2,657.69 | 1/2 | 3,250.45 | 1/2 | 3,854.61 | 1/2 | 4,461.31 |
| 3/4 | 21.17 | 3/4 | 255.22 | 3/4 | 615.69 | 3/4 | 1,056.55 | 3/4 | 1,555.50 | 3/4 | 2,097.28 | 3/4 | 2,669.86 | 3/4 | 3,262.95 | 3/4 | 3,867.25 | 3/4 | 4,473.92 |
| 3 | 23.87 | 3 | 261.58 | 3 | 624.10 | 3 | 1,066.37 | 3 | 1,566.37 | 3 | 2,108.92 | 3 | 2,682.03 | 3 | 3,275.45 | 3 | 3,879.90 | 3 | 4,486.53 |
| 1/4 | 27.07 | 1/4 | 268.18 | 1/4 | 632.64 | 1/4 | 1,076.30 | 1/4 | 1,577.32 | 1/4 | 2,120.60 | 1/4 | 2,694.23 | 1/4 | 3,287.97 | 1/4 | 3,892.55 | 1/4 | 4,499.12 |
| 1/2 | 30.27 | 1/2 | 274.77 | 1/2 | 641.19 | 1/2 | 1,086.22 | 1/2 | 1,588.26 | 1/2 | 2,132.29 | 1/2 | 2,706.43 | 1/2 | 3,300.49 | 1/2 | 3,905.19 | 1/2 | 4,511.71 |
| 3/4 | 33.47 | 3/4 | 281.37 | 3/4 | 649.73 | 3/4 | 1,096.15 | 3/4 | 1,599.20 | 3/4 | 2,143.97 | 3/4 | 2,718.63 | 3/4 | 3,313.01 | 3/4 | 3,917.84 | 3/4 | 4,524.31 |
| 4 | 36.67 | 4 | 287.96 | 4 | 658.28 | 4 | 1,106.07 | 4 | 1,610.14 | 4 | 2,155.66 | 4 | 2,730.83 | 4 | 3,325.53 | 4 | 3,930.49 | 4 | 4,536.90 |
| 1/4 | 40.29 | 1/4 | 294.75 | 1/4 | 666.96 | 1/4 | 1,116.10 | 1/4 | 1,621.15 | 1/4 | 2,167.39 | 1/4 | 2,743.07 | 1/4 | 3,338.06 | 1/4 | 3,943.14 | 1/4 | 4,549.48 |
| 1/2 | 43.91 | 1/2 | 301.54 | 1/2 | 675.64 | 1/2 | 1,126.12 | 1/2 | 1,632.17 | 1/2 | 2,179.13 | 1/2 | 2,755.31 | 1/2 | 3,350.60 | 1/2 | 3,955.79 | 1/2 | 4,562.07 |
| 3/4 | 47.54 | 3/4 | 308.33 | 3/4 | 684.32 | 3/4 | 1,136.14 | 3/4 | 1,643.18 | 3/4 | 2,190.87 | 3/4 | 2,767.54 | 3/4 | 3,363.13 | 3/4 | 3,968.44 | 3/4 | 4,574.65 |
| 5 | 51.16 | 5 | 315.12 | 5 | 693.00 | 5 | 1,146.16 | 5 | 1,654.20 | 5 | 2,202.60 | 5 | 2,779.78 | 5 | 3,375.67 | 5 | 3,981.09 | 5 | 4,587.23 |
| 1/4 | 55.16 | 1/4 | 322.10 | 1/4 | 701.80 | 1/4 | 1,156.28 | 1/4 | 1,665.28 | 1/4 | 2,214.39 | 1/4 | 2,792.05 | 1/4 | 3,388.22 | 1/4 | 3,993.74 | 1/4 | 4,599.80 |
| 1/2 | 59.16 | 1/2 | 329.08 | 1/2 | 710.61 | 1/2 | 1,166.40 | 1/2 | 1,676.36 | 1/2 | 2,226.18 | 1/2 | 2,804.32 | 1/2 | 3,400.78 | 1/2 | 4,006.39 | 1/2 | 4,612.37 |
| 3/4 | 63.16 | 3/4 | 336.06 | 3/4 | 719.42 | 3/4 | 1,176.51 | 3/4 | 1,687.44 | 3/4 | 2,237.96 | 3/4 | 2,816.58 | 3/4 | 3,413.33 | 3/4 | 4,019.04 | 3/4 | 4,624.93 |
| 6 | 67.16 | 6 | 343.04 | 6 | 728.23 | 6 | 1,186.63 | 6 | 1,698.53 | 6 | 2,249.75 | 6 | 2,828.85 | 6 | 3,425.88 | 6 | 4,031.69 | 6 | 4,637.50 |
| 1/4 | 71.51 | 1/4 | 350.19 | 1/4 | 737.16 | 1/4 | 1,196.84 | 1/4 | 1,709.68 | 1/4 | 2,261.58 | 1/4 | 2,841.15 | 1/4 | 3,438.45 | 1/4 | 4,044.34 | 1/4 | 4,650.05 |
| 1/2 | 75.85 | 1/2 | 357.35 | 1/2 | 746.09 | 1/2 | 1,207.05 | 1/2 | 1,720.83 | 1/2 | 2,273.42 | 1/2 | 2,853.45 | 1/2 | 3,451.02 | 1/2 | 4,056.99 | 1/2 | 4,662.61 |
| 3/4 | 80.19 | 3/4 | 364.51 | 3/4 | 755.02 | 3/4 | 1,217.26 | 3/4 | 1,731.98 | 3/4 | 2,285.25 | 3/4 | 2,865.75 | 3/4 | 3,463.58 | 3/4 | 4,069.64 | 3/4 | 4,675.16 |
| 7 | 84.54 | 7 | 371.67 | 7 | 763.96 | 7 | 1,227.47 | 7 | 1,743.13 | 7 | 2,297.09 | 7 | 2,878.05 | 7 | 3,476.15 | 7 | 4,082.30 | 7 | 4,687.71 |
| 1/4 | 89.20 | 1/4 | 379.00 | 1/4 | 773.01 | 1/4 | 1,237.76 | 1/4 | 1,754.35 | 1/4 | 2,308.97 | 1/4 | 2,890.38 | 1/4 | 3,488.73 | 1/4 | 4,094.95 | 1/4 | 4,700.25 |
| 1/2 | 93.85 | 1/2 | 386.34 | 1/2 | 782.07 | 1/2 | 1,248.06 | 1/2 | 1,765.57 | 1/2 | 2,320.85 | 1/2 | 2,902.71 | 1/2 | 3,501.32 | 1/2 | 4,107.60 | 1/2 | 4,712.78 |
| 3/4 | 98.51 | 3/4 | 393.67 | 3/4 | 791.12 | 3/4 | 1,258.36 | 3/4 | 1,776.78 | 3/4 | 2,332.73 | 3/4 | 2,915.04 | 3/4 | 3,513.90 | 3/4 | 4,120.24 | 3/4 | 4,725.32 |
| 8 | 103.17 | 8 | 401.00 | 8 | 800.18 | 8 | 1,268.66 | 8 | 1,788.00 | 8 | 2,344.61 | 8 | 2,927.37 | 8 | 3,526.48 | 8 | 4,132.89 | 8 | 4,737.86 |
| 1/4 | 108.09 | 1/4 | 408.51 | 1/4 | 809.35 | 1/4 | 1,279.05 | 1/4 | 1,799.28 | 1/4 | 2,356.54 | 1/4 | 2,939.72 | 1/4 | 3,539.07 | 1/4 | 4,145.54 | 1/4 | 4,750.37 |
| 1/2 | 113.02 | 1/2 | 416.01 | 1/2 | 818.53 | 1/2 | 1,289.43 | 1/2 | 1,810.56 | 1/2 | 2,368.47 | 1/2 | 2,952.08 | 1/2 | 3,551.67 | 1/2 | 4,158.19 | 1/2 | 4,762.89 |
| 3/4 | 117.94 | 3/4 | 423.51 | 3/4 | 827.70 | 3/4 | 1,299.82 | 3/4 | 1,821.85 | 3/4 | 2,380.39 | 3/4 | 2,964.44 | 3/4 | 3,564.26 | 3/4 | 4,170.84 | 3/4 | 4,775.41 |
| 9 | 122.87 | 9 | 431.01 | 9 | 836.87 | 9 | 1,310.21 | 9 | 1,833.13 | 9 | 2,392.32 | 9 | 2,976.80 | 9 | 3,576.86 | 9 | 4,183.48 | 9 | 4,787.93 |
| 1/4 | 128.04 | 1/4 | 438.68 | 1/4 | 846.16 | 1/4 | 1,320.68 | 1/4 | 1,844.47 | 1/4 | 2,404.29 | 1/4 | 2,989.18 | 1/4 | 3,589.46 | 1/4 | 4,196.13 | 1/4 | 4,800.43 |
| 1/2 | 133.21 | 1/2 | 446.34 | 1/2 | 855.45 | 1/2 | 1,331.15 | 1/2 | 1,855.82 | 1/2 | 2,416.26 | 1/2 | 3,001.56 | 1/2 | 3,602.07 | 1/2 | 4,208.77 | 1/2 | 4,812.93 |
| 3/4 | 138.38 | 3/4 | 454.01 | 3/4 | 864.74 | 3/4 | 1,341.62 | 3/4 | 1,867.16 | 3/4 | 2,428.23 | 3/4 | 3,013.95 | 3/4 | 3,614.67 | 3/4 | 4,221.41 | 3/4 | 4,825.43 |
| 10 | 143.56 | 10 | 461.67 | 10 | 874.03 | 10 | 1,352.09 | 10 | 1,878.50 | 10 | 2,440.20 | 10 | 3,026.33 | 10 | 3,627.28 | 10 | 4,234.06 | 10 | 4,837.93 |
| 1/4 | 148.99 | 1/4 | 469.50 | 1/4 | 883.43 | 1/4 | 1,362.65 | 1/4 | 1,889.91 | 1/4 | 2,452.21 | 1/4 | 3,038.74 | 1/4 | 3,639.89 | 1/4 | 4,246.70 | 1/4 | 4,850.41 |
| 1/2 | 154.42 | 1/2 | 477.32 | 1/2 | 892.84 | 1/2 | 1,373.21 | 1/2 | 1,901.32 | 1/2 | 2,464.23 | 1/2 | 3,051.15 | 1/2 | 3,652.51 | 1/2 | 4,259.33 | 1/2 | 4,862.88 |
| 3/4 | 159.85 | 3/4 | 485.14 | 3/4 | 902.24 | 3/4 | 1,383.76 | 3/4 | 1,912.72 | 3/4 | 2,476.24 | 3/4 | 3,063.56 | 3/4 | 3,665.13 | 3/4 | 4,271.97 | 3/4 | 4,875.36 |
| 11 | 165.28 | 11 | 492.97 | 11 | 911.64 | 11 | 1,394.32 | 11 | 1,924.13 | 11 | 2,488.25 | 11 | 3,075.97 | 11 | 3,677.74 | 11 | 4,284.61 | 11 | 4,887.84 |
| 1/4 | 170.95 | 1/4 | 500.94 | 1/4 | 921.15 | 1/4 | 1,404.95 | 1/4 | 1,935.59 | 1/4 | 2,500.30 | 1/4 | 3,088.41 | 1/4 | 3,690.37 | 1/4 | 4,297.24 | 1/4 | 4,900.30 |
| 1/2 | 176.63 | 1/2 | 508.92 | 1/2 | 930.67 | 1/2 | 1,415.59 | 1/2 | 1,947.05 | 1/2 | 2,512.36 | 1/2 | 3,100.84 | 1/2 | 3,702.99 | 1/2 | 4,309.88 | 1/2 | 4,912.76 |
| 3/4 | 182.30 | 3/4 | 516.90 | 3/4 | 940.18 | 3/4 | 1,426.23 | 3/4 | 1,958.52 | 3/4 | 2,524.41 | 3/4 | 3,113.28 | 3/4 | 3,715.62 | 3/4 | 4,322.51 | 3/4 | 4,925.21 |

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

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BARGE "KIRBY 16827"

PORT HORIZONTAL INNAGE TABLE BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "UTE"

| 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 | 4,937.67 | 0 | 5,526.92 | 0 | 6,093.40 | 0 | 6,626.52 | 0 | 7,113.69 | 0 | 7,538.51 | 0 | 7,875.92 | 0 | 8,064.50 | 0 | | 0 | |
| 1/4 | 4,950.11 | 1/4 | 5,538.97 | 1/4 | 6,104.86 | 1/4 | 6,637.16 | 1/4 | 7,123.20 | 1/4 | 7,546.48 | 1/4 | 7,881.65 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4,962.54 | 1/2 | 5,551.02 | 1/2 | 6,116.33 | 1/2 | 6,647.79 | 1/2 | 7,132.71 | 1/2 | 7,554.46 | 1/2 | 7,887.37 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 4,974.97 | 3/4 | 5,563.08 | 3/4 | 6,127.79 | 3/4 | 6,658.43 | 3/4 | 7,142.23 | 3/4 | 7,562.44 | 3/4 | 7,893.10 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 4,987.41 | 1 | 5,575.13 | 1 | 6,139.26 | 1 | 6,669.07 | 1 | 7,151.74 | 1 | 7,570.41 | 1 | 7,898.83 | 1 | | 1 | | 1 | |
| 1/4 | 4,999.82 | 1/4 | 5,587.14 | 1/4 | 6,150.66 | 1/4 | 6,679.62 | 1/4 | 7,161.14 | 1/4 | 7,578.24 | 1/4 | 7,904.31 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,012.23 | 1/2 | 5,599.16 | 1/2 | 6,162.07 | 1/2 | 6,690.18 | 1/2 | 7,170.54 | 1/2 | 7,586.06 | 1/2 | 7,909.79 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,024.64 | 3/4 | 5,611.17 | 3/4 | 6,173.47 | 3/4 | 6,700.73 | 3/4 | 7,179.95 | 3/4 | 7,593.89 | 3/4 | 7,915.27 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 5,037.05 | 2 | 5,623.18 | 2 | 6,184.88 | 2 | 6,711.29 | 2 | 7,189.35 | 2 | 7,601.71 | 2 | 7,920.76 | 2 | | 2 | | 2 | |
| 1/4 | 5,049.43 | 1/4 | 5,635.15 | 1/4 | 6,196.22 | 1/4 | 6,721.76 | 1/4 | 7,198.64 | 1/4 | 7,609.37 | 1/4 | 7,925.98 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,061.82 | 1/2 | 5,647.12 | 1/2 | 6,207.57 | 1/2 | 6,732.23 | 1/2 | 7,207.93 | 1/2 | 7,617.04 | 1/2 | 7,931.20 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,074.20 | 3/4 | 5,659.09 | 3/4 | 6,218.91 | 3/4 | 6,742.70 | 3/4 | 7,217.22 | 3/4 | 7,624.70 | 3/4 | 7,936.43 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 5,086.59 | 3 | 5,671.06 | 3 | 6,230.25 | 3 | 6,753.17 | 3 | 7,226.51 | 3 | 7,632.37 | 3 | 7,941.65 | 3 | | 3 | | 3 | |
| 1/4 | 5,098.94 | 1/4 | 5,682.99 | 1/4 | 6,241.54 | 1/4 | 6,763.56 | 1/4 | 7,235.68 | 1/4 | 7,639.87 | 1/4 | 7,946.60 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,111.30 | 1/2 | 5,694.92 | 1/2 | 6,252.82 | 1/2 | 6,773.95 | 1/2 | 7,244.86 | 1/2 | 7,647.37 | 1/2 | 7,951.55 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,123.66 | 3/4 | 5,706.84 | 3/4 | 6,264.10 | 3/4 | 6,784.33 | 3/4 | 7,254.03 | 3/4 | 7,654.88 | 3/4 | 7,956.50 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 5,136.02 | 4 | 5,718.77 | 4 | 6,275.38 | 4 | 6,794.72 | 4 | 7,263.20 | 4 | 7,662.38 | 4 | 7,961.45 | 4 | | 4 | | 4 | |
| 1/4 | 5,148.34 | 1/4 | 5,730.65 | 1/4 | 6,286.60 | 1/4 | 6,805.02 | 1/4 | 7,272.26 | 1/4 | 7,669.71 | 1/4 | 7,966.11 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,160.67 | 1/2 | 5,742.53 | 1/2 | 6,297.82 | 1/2 | 6,815.32 | 1/2 | 7,281.31 | 1/2 | 7,677.05 | 1/2 | 7,970.77 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,173.00 | 3/4 | 5,754.41 | 3/4 | 6,309.03 | 3/4 | 6,825.62 | 3/4 | 7,290.37 | 3/4 | 7,684.38 | 3/4 | 7,975.43 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 5,185.33 | 5 | 5,766.29 | 5 | 6,320.25 | 5 | 6,835.92 | 5 | 7,299.42 | 5 | 7,691.71 | 5 | 7,980.09 | 5 | | 5 | | 5 | |
| 1/4 | 5,197.63 | 1/4 | 5,778.13 | 1/4 | 6,331.40 | 1/4 | 6,846.12 | 1/4 | 7,308.36 | 1/4 | 7,698.87 | 1/4 | 7,984.43 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,209.93 | 1/2 | 5,789.96 | 1/2 | 6,342.55 | 1/2 | 6,856.33 | 1/2 | 7,317.29 | 1/2 | 7,706.03 | 1/2 | 7,988.77 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,222.23 | 3/4 | 5,801.80 | 3/4 | 6,353.70 | 3/4 | 6,866.54 | 3/4 | 7,326.22 | 3/4 | 7,713.19 | 3/4 | 7,993.12 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 5,234.53 | 6 | 5,813.63 | 6 | 6,364.85 | 6 | 6,876.75 | 6 | 7,335.16 | 6 | 7,720.35 | 6 | 7,997.46 | 6 | | 6 | | 6 | |
| 1/4 | 5,246.80 | 1/4 | 5,825.42 | 1/4 | 6,375.94 | 1/4 | 6,886.87 | 1/4 | 7,343.96 | 1/4 | 7,727.32 | 1/4 | 8,001.46 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,259.07 | 1/2 | 5,837.21 | 1/2 | 6,387.02 | 1/2 | 6,896.99 | 1/2 | 7,352.77 | 1/2 | 7,734.30 | 1/2 | 8,005.46 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,271.33 | 3/4 | 5,848.99 | 3/4 | 6,398.10 | 3/4 | 6,907.10 | 3/4 | 7,361.58 | 3/4 | 7,741.28 | 3/4 | 8,009.46 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 5,283.60 | 7 | 5,860.78 | 7 | 6,409.19 | 7 | 6,917.22 | 7 | 7,370.39 | 7 | 7,748.26 | 7 | 8,013.46 | 7 | | 7 | | 7 | |
| 1/4 | 5,295.84 | 1/4 | 5,872.51 | 1/4 | 6,420.20 | 1/4 | 6,927.24 | 1/4 | 7,379.06 | 1/4 | 7,755.05 | 1/4 | 8,017.09 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,308.08 | 1/2 | 5,884.25 | 1/2 | 6,431.21 | 1/2 | 6,937.26 | 1/2 | 7,387.74 | 1/2 | 7,761.84 | 1/2 | 8,020.71 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,320.31 | 3/4 | 5,895.99 | 3/4 | 6,442.23 | 3/4 | 6,947.29 | 3/4 | 7,396.42 | 3/4 | 7,768.63 | 3/4 | 8,024.33 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 5,332.55 | 8 | 5,907.72 | 8 | 6,453.24 | 8 | 6,957.31 | 8 | 7,405.10 | 8 | 7,775.42 | 8 | 8,027.96 | 8 | | 8 | | 8 | |
| 1/4 | 5,344.75 | 1/4 | 5,919.41 | 1/4 | 6,464.18 | 1/4 | 6,967.23 | 1/4 | 7,413.65 | 1/4 | 7,782.01 | 1/4 | 8,031.16 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,356.95 | 1/2 | 5,931.10 | 1/2 | 6,475.12 | 1/2 | 6,977.16 | 1/2 | 7,422.19 | 1/2 | 7,788.61 | 1/2 | 8,034.35 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,369.15 | 3/4 | 5,942.78 | 3/4 | 6,486.07 | 3/4 | 6,987.08 | 3/4 | 7,430.74 | 3/4 | 7,795.20 | 3/4 | 8,037.55 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 5,381.36 | 9 | 5,954.47 | 9 | 6,497.01 | 9 | 6,997.01 | 9 | 7,439.29 | 9 | 7,801.80 | 9 | 8,040.75 | 9 | | 9 | | 9 | |
| 1/4 | 5,393.52 | 1/4 | 5,966.10 | 1/4 | 6,507.88 | 1/4 | 7,006.84 | 1/4 | 7,447.70 | 1/4 | 7,808.19 | 1/4 | 8,043.46 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,405.69 | 1/2 | 5,977.73 | 1/2 | 6,518.75 | 1/2 | 7,016.66 | 1/2 | 7,456.11 | 1/2 | 7,814.58 | 1/2 | 8,046.16 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,417.86 | 3/4 | 5,989.36 | 3/4 | 6,529.61 | 3/4 | 7,026.49 | 3/4 | 7,464.52 | 3/4 | 7,820.97 | 3/4 | 8,048.86 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 5,430.03 | 10 | 6,001.00 | 10 | 6,540.48 | 10 | 7,036.31 | 10 | 7,472.93 | 10 | 7,827.36 | 10 | 8,051.57 | 10 | | 10 | | 10 | |
| 1/4 | 5,442.16 | 1/4 | 6,012.57 | 1/4 | 6,551.28 | 1/4 | 7,046.04 | 1/4 | 7,481.20 | 1/4 | 7,833.54 | 1/4 | 8,053.66 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,454.29 | 1/2 | 6,024.15 | 1/2 | 6,562.07 | 1/2 | 7,055.76 | 1/2 | 7,489.47 | 1/2 | 7,839.72 | 1/2 | 8,055.75 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,466.42 | 3/4 | 6,035.73 | 3/4 | 6,572.86 | 3/4 | 7,065.49 | 3/4 | 7,497.74 | 3/4 | 7,845.90 | 3/4 | 8,057.84 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 5,478.55 | 11 | 6,047.31 | 11 | 6,583.66 | 11 | 7,075.21 | 11 | 7,506.01 | 11 | 7,852.08 | 11 | 8,059.93 | 11 | | 11 | | 11 | |
| 1/4 | 5,490.64 | 1/4 | 6,058.83 | 1/4 | 6,594.37 | 1/4 | 7,084.83 | 1/4 | 7,514.13 | 1/4 | 7,858.04 | 1/4 | 8,061.07 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,502.73 | 1/2 | 6,070.35 | 1/2 | 6,605.09 | 1/2 | 7,094.45 | 1/2 | 7,522.26 | 1/2 | 7,864.00 | 1/2 | 8,062.21 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,514.83 | 3/4 | 6,081.88 | 3/4 | 6,615.80 | 3/4 | 7,104.07 | 3/4 | 7,530.38 | 3/4 | 7,869.96 | 3/4 | 8,063.36 | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/07/2014 CL -SW
CALCULATED: 05/08/2014 CL
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

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 16827"

STBD
HORIZONTAL

INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "UTE"

| 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 | 188.01 | 0 | 524.89 | 0 | 949.63 | 0 | 1,436.68 | 0 | 1,969.63 | 0 | 2,535.89 | 0 | 3,124.90 | 0 | 3,727.18 | 0 | 4,333.82 |
| 1/4 | 1.27 | 1/4 | 193.91 | 1/4 | 533.01 | 1/4 | 959.25 | 1/4 | 1,447.39 | 1/4 | 1,981.14 | 1/4 | 2,547.98 | 1/4 | 3,137.35 | 1/4 | 3,739.80 | 1/4 | 4,346.44 |
| 1/2 | 2.41 | 1/2 | 199.82 | 1/2 | 541.14 | 1/2 | 968.87 | 1/2 | 1,458.10 | 1/2 | 1,992.66 | 1/2 | 2,560.07 | 1/2 | 3,149.81 | 1/2 | 3,752.43 | 1/2 | 4,359.06 |
| 3/4 | 3.55 | 3/4 | 205.73 | 3/4 | 549.26 | 3/4 | 978.49 | 3/4 | 1,468.82 | 3/4 | 2,004.18 | 3/4 | 2,572.16 | 3/4 | 3,162.26 | 3/4 | 3,765.06 | 3/4 | 4,371.68 |
| 1 | 4.70 | 1 | 211.64 | 1 | 557.39 | 1 | 988.10 | 1 | 1,479.53 | 1 | 2,015.70 | 1 | 2,584.25 | 1 | 3,174.71 | 1 | 3,777.69 | 1 | 4,384.29 |
| 1/4 | 6.79 | 1/4 | 217.76 | 1/4 | 565.66 | 1/4 | 997.83 | 1/4 | 1,490.32 | 1/4 | 2,027.27 | 1/4 | 2,596.37 | 1/4 | 3,187.18 | 1/4 | 3,790.32 | 1/4 | 4,396.90 |
| 1/2 | 8.88 | 1/2 | 223.89 | 1/2 | 573.92 | 1/2 | 1,007.55 | 1/2 | 1,501.11 | 1/2 | 2,038.85 | 1/2 | 2,608.50 | 1/2 | 3,199.66 | 1/2 | 3,802.95 | 1/2 | 4,409.52 |
| 3/4 | 10.97 | 3/4 | 230.02 | 3/4 | 582.19 | 3/4 | 1,017.27 | 3/4 | 1,511.90 | 3/4 | 2,050.42 | 3/4 | 2,620.62 | 3/4 | 3,212.13 | 3/4 | 3,815.58 | 3/4 | 4,422.13 |
| 2 | 13.06 | 2 | 236.15 | 2 | 590.46 | 2 | 1,026.99 | 2 | 1,522.69 | 2 | 2,061.99 | 2 | 2,632.75 | 2 | 3,224.61 | 2 | 3,828.22 | 2 | 4,434.74 |
| 1/4 | 15.76 | 1/4 | 242.52 | 1/4 | 598.87 | 1/4 | 1,036.82 | 1/4 | 1,533.55 | 1/4 | 2,073.62 | 1/4 | 2,644.91 | 1/4 | 3,237.10 | 1/4 | 3,840.86 | 1/4 | 4,447.34 |
| 1/2 | 18.47 | 1/2 | 248.88 | 1/2 | 607.28 | 1/2 | 1,046.64 | 1/2 | 1,544.42 | 1/2 | 2,085.25 | 1/2 | 2,657.07 | 1/2 | 3,249.59 | 1/2 | 3,853.49 | 1/2 | 4,459.94 |
| 3/4 | 21.17 | 3/4 | 255.25 | 3/4 | 615.69 | 3/4 | 1,056.46 | 3/4 | 1,555.28 | 3/4 | 2,096.88 | 3/4 | 2,669.24 | 3/4 | 3,262.09 | 3/4 | 3,866.13 | 3/4 | 4,472.54 |
| 3 | 23.88 | 3 | 261.62 | 3 | 624.10 | 3 | 1,066.29 | 3 | 1,566.15 | 3 | 2,108.51 | 3 | 2,681.40 | 3 | 3,274.58 | 3 | 3,878.77 | 3 | 4,485.14 |
| 1/4 | 27.08 | 1/4 | 268.21 | 1/4 | 632.64 | 1/4 | 1,076.21 | 1/4 | 1,577.09 | 1/4 | 2,120.19 | 1/4 | 2,693.60 | 1/4 | 3,287.10 | 1/4 | 3,891.41 | 1/4 | 4,497.73 |
| 1/2 | 30.28 | 1/2 | 274.80 | 1/2 | 641.19 | 1/2 | 1,086.13 | 1/2 | 1,588.03 | 1/2 | 2,131.87 | 1/2 | 2,705.79 | 1/2 | 3,299.61 | 1/2 | 3,904.05 | 1/2 | 4,510.32 |
| 3/4 | 33.48 | 3/4 | 281.40 | 3/4 | 649.73 | 3/4 | 1,096.06 | 3/4 | 1,598.96 | 3/4 | 2,143.55 | 3/4 | 2,717.99 | 3/4 | 3,312.12 | 3/4 | 3,916.70 | 3/4 | 4,522.90 |
| 4 | 36.68 | 4 | 287.99 | 4 | 658.28 | 4 | 1,105.98 | 4 | 1,609.90 | 4 | 2,155.23 | 4 | 2,730.19 | 4 | 3,324.63 | 4 | 3,929.34 | 4 | 4,535.49 |
| 1/4 | 40.30 | 1/4 | 294.78 | 1/4 | 666.95 | 1/4 | 1,116.00 | 1/4 | 1,620.91 | 1/4 | 2,166.96 | 1/4 | 2,742.42 | 1/4 | 3,337.17 | 1/4 | 3,941.98 | 1/4 | 4,548.07 |
| 1/2 | 43.93 | 1/2 | 301.57 | 1/2 | 675.63 | 1/2 | 1,126.02 | 1/2 | 1,631.92 | 1/2 | 2,178.70 | 1/2 | 2,754.65 | 1/2 | 3,349.70 | 1/2 | 3,954.63 | 1/2 | 4,560.65 |
| 3/4 | 47.55 | 3/4 | 308.36 | 3/4 | 684.31 | 3/4 | 1,136.04 | 3/4 | 1,642.93 | 3/4 | 2,190.43 | 3/4 | 2,766.88 | 3/4 | 3,362.23 | 3/4 | 3,967.27 | 3/4 | 4,573.22 |
| 5 | 51.17 | 5 | 315.15 | 5 | 692.99 | 5 | 1,146.06 | 5 | 1,653.94 | 5 | 2,202.16 | 5 | 2,779.11 | 5 | 3,374.76 | 5 | 3,979.92 | 5 | 4,585.80 |
| 1/4 | 55.18 | 1/4 | 322.13 | 1/4 | 701.79 | 1/4 | 1,156.17 | 1/4 | 1,665.02 | 1/4 | 2,213.94 | 1/4 | 2,791.38 | 1/4 | 3,387.30 | 1/4 | 3,992.56 | 1/4 | 4,598.36 |
| 1/2 | 59.18 | 1/2 | 329.11 | 1/2 | 710.60 | 1/2 | 1,166.29 | 1/2 | 1,676.10 | 1/2 | 2,225.73 | 1/2 | 2,803.64 | 1/2 | 3,399.85 | 1/2 | 4,005.21 | 1/2 | 4,610.92 |
| 3/4 | 63.18 | 3/4 | 336.09 | 3/4 | 719.40 | 3/4 | 1,176.40 | 3/4 | 1,687.18 | 3/4 | 2,237.51 | 3/4 | 2,815.90 | 3/4 | 3,412.40 | 3/4 | 4,017.85 | 3/4 | 4,623.49 |
| 6 | 67.18 | 6 | 343.06 | 6 | 728.21 | 6 | 1,186.52 | 6 | 1,698.26 | 6 | 2,249.29 | 6 | 2,828.17 | 6 | 3,424.95 | 6 | 4,030.50 | 6 | 4,636.05 |
| 1/4 | 71.52 | 1/4 | 350.22 | 1/4 | 737.14 | 1/4 | 1,196.72 | 1/4 | 1,709.41 | 1/4 | 2,261.12 | 1/4 | 2,840.46 | 1/4 | 3,437.51 | 1/4 | 4,043.14 | 1/4 | 4,648.60 |
| 1/2 | 75.87 | 1/2 | 357.38 | 1/2 | 746.07 | 1/2 | 1,206.93 | 1/2 | 1,720.56 | 1/2 | 2,272.95 | 1/2 | 2,852.76 | 1/2 | 3,450.07 | 1/2 | 4,055.79 | 1/2 | 4,661.14 |
| 3/4 | 80.21 | 3/4 | 364.54 | 3/4 | 755.00 | 3/4 | 1,217.13 | 3/4 | 1,731.70 | 3/4 | 2,284.78 | 3/4 | 2,865.05 | 3/4 | 3,462.63 | 3/4 | 4,068.44 | 3/4 | 4,673.69 |
| 7 | 84.56 | 7 | 371.70 | 7 | 763.94 | 7 | 1,227.34 | 7 | 1,742.85 | 7 | 2,296.61 | 7 | 2,877.34 | 7 | 3,475.20 | 7 | 4,081.08 | 7 | 4,686.24 |
| 1/4 | 89.21 | 1/4 | 379.03 | 1/4 | 772.99 | 1/4 | 1,237.64 | 1/4 | 1,754.07 | 1/4 | 2,308.49 | 1/4 | 2,889.67 | 1/4 | 3,487.77 | 1/4 | 4,093.73 | 1/4 | 4,698.77 |
| 1/2 | 93.87 | 1/2 | 386.36 | 1/2 | 782.04 | 1/2 | 1,247.93 | 1/2 | 1,765.28 | 1/2 | 2,320.36 | 1/2 | 2,901.99 | 1/2 | 3,500.35 | 1/2 | 4,106.37 | 1/2 | 4,711.30 |
| 3/4 | 98.53 | 3/4 | 393.70 | 3/4 | 791.10 | 3/4 | 1,258.23 | 3/4 | 1,776.49 | 3/4 | 2,332.24 | 3/4 | 2,914.32 | 3/4 | 3,512.93 | 3/4 | 4,119.01 | 3/4 | 4,723.83 |
| 8 | 103.19 | 8 | 401.03 | 8 | 800.15 | 8 | 1,268.52 | 8 | 1,787.71 | 8 | 2,344.12 | 8 | 2,926.64 | 8 | 3,525.50 | 8 | 4,131.66 | 8 | 4,736.36 |
| 1/4 | 108.12 | 1/4 | 408.53 | 1/4 | 809.32 | 1/4 | 1,278.91 | 1/4 | 1,798.98 | 1/4 | 2,356.04 | 1/4 | 2,938.99 | 1/4 | 3,538.09 | 1/4 | 4,144.30 | 1/4 | 4,748.87 |
| 1/2 | 113.04 | 1/2 | 416.03 | 1/2 | 818.49 | 1/2 | 1,289.29 | 1/2 | 1,810.26 | 1/2 | 2,367.96 | 1/2 | 2,951.35 | 1/2 | 3,550.68 | 1/2 | 4,156.94 | 1/2 | 4,761.39 |
| 3/4 | 117.97 | 3/4 | 423.53 | 3/4 | 827.67 | 3/4 | 1,299.68 | 3/4 | 1,821.54 | 3/4 | 2,379.88 | 3/4 | 2,963.70 | 3/4 | 3,563.27 | 3/4 | 4,169.58 | 3/4 | 4,773.90 |
| 9 | 122.89 | 9 | 431.03 | 9 | 836.84 | 9 | 1,310.06 | 9 | 1,832.82 | 9 | 2,391.81 | 9 | 2,976.05 | 9 | 3,575.86 | 9 | 4,182.23 | 9 | 4,786.41 |
| 1/4 | 128.06 | 1/4 | 438.70 | 1/4 | 846.13 | 1/4 | 1,320.53 | 1/4 | 1,844.16 | 1/4 | 2,403.77 | 1/4 | 2,988.43 | 1/4 | 3,588.46 | 1/4 | 4,194.86 | 1/4 | 4,798.91 |
| 1/2 | 133.24 | 1/2 | 446.36 | 1/2 | 855.41 | 1/2 | 1,331.00 | 1/2 | 1,855.50 | 1/2 | 2,415.74 | 1/2 | 3,000.81 | 1/2 | 3,601.06 | 1/2 | 4,207.50 | 1/2 | 4,811.40 |
| 3/4 | 138.41 | 3/4 | 454.03 | 3/4 | 864.70 | 3/4 | 1,341.47 | 3/4 | 1,866.84 | 3/4 | 2,427.70 | 3/4 | 3,013.19 | 3/4 | 3,613.66 | 3/4 | 4,220.14 | 3/4 | 4,823.90 |
| 10 | 143.58 | 10 | 461.69 | 10 | 873.99 | 10 | 1,351.93 | 10 | 1,878.18 | 10 | 2,439.67 | 10 | 3,025.57 | 10 | 3,626.26 | 10 | 4,232.78 | 10 | 4,836.39 |
| 1/4 | 149.01 | 1/4 | 469.52 | 1/4 | 883.39 | 1/4 | 1,362.49 | 1/4 | 1,889.58 | 1/4 | 2,451.68 | 1/4 | 3,037.97 | 1/4 | 3,638.87 | 1/4 | 4,245.41 | 1/4 | 4,848.86 |
| 1/2 | 154.44 | 1/2 | 477.34 | 1/2 | 892.79 | 1/2 | 1,373.04 | 1/2 | 1,900.98 | 1/2 | 2,463.68 | 1/2 | 3,050.38 | 1/2 | 3,651.48 | 1/2 | 4,258.04 | 1/2 | 4,861.34 |
| 3/4 | 159.88 | 3/4 | 485.16 | 3/4 | 902.19 | 3/4 | 1,383.59 | 3/4 | 1,912.38 | 3/4 | 2,475.69 | 3/4 | 3,062.78 | 3/4 | 3,664.09 | 3/4 | 4,270.68 | 3/4 | 4,873.81 |
| 11 | 165.31 | 11 | 492.98 | 11 | 911.59 | 11 | 1,394.14 | 11 | 1,923.78 | 11 | 2,487.70 | 11 | 3,075.19 | 11 | 3,676.70 | 11 | 4,283.31 | 11 | 4,886.28 |
| 1/4 | 170.98 | 1/4 | 500.96 | 1/4 | 921.10 | 1/4 | 1,404.78 | 1/4 | 1,935.24 | 1/4 | 2,499.75 | 1/4 | 3,087.62 | 1/4 | 3,689.32 | 1/4 | 4,295.94 | 1/4 | 4,898.74 |
| 1/2 | 176.66 | 1/2 | 508.94 | 1/2 | 930.61 | 1/2 | 1,415.41 | 1/2 | 1,946.70 | 1/2 | 2,511.80 | 1/2 | 3,100.04 | 1/2 | 3,701.94 | 1/2 | 4,308.56 | 1/2 | 4,911.19 |
| 3/4 | 182.33 | 3/4 | 516.91 | 3/4 | 940.12 | 3/4 | 1,426.04 | 3/4 | 1,958.17 | 3/4 | 2,523.85 | 3/4 | 3,112.47 | 3/4 | 3,714.56 | 3/4 | 4,321.19 | 3/4 | 4,923.64 |

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 16827"

STBD
HORIZONTAL
INNAGE TABLE
BERGAN GAUGE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "UTE"

| 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 | 4,936.09 | 0 | 5,525.10 | 0 | 6,091.37 | 0 | 6,624.32 | 0 | 7,111.36 | 0 | 7,536.11 | 0 | 7,873.50 | 0 | 8,062.11 | 0 | | 0 | |
| 1/4 | 4,948.52 | 1/4 | 5,537.15 | 1/4 | 6,102.83 | 1/4 | 6,634.95 | 1/4 | 7,120.87 | 1/4 | 7,544.08 | 1/4 | 7,879.23 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4,960.95 | 1/2 | 5,549.20 | 1/2 | 6,114.29 | 1/2 | 6,645.58 | 1/2 | 7,130.38 | 1/2 | 7,552.06 | 1/2 | 7,884.96 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 4,973.38 | 3/4 | 5,561.25 | 3/4 | 6,125.75 | 3/4 | 6,656.22 | 3/4 | 7,139.89 | 3/4 | 7,560.04 | 3/4 | 7,890.69 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 4,985.81 | 1 | 5,573.30 | 1 | 6,137.21 | 1 | 6,666.85 | 1 | 7,149.40 | 1 | 7,568.01 | 1 | 7,896.41 | 1 | | 1 | | 1 | |
| 1/4 | 4,998.21 | 1/4 | 5,585.30 | 1/4 | 6,148.61 | 1/4 | 6,677.40 | 1/4 | 7,158.80 | 1/4 | 7,575.83 | 1/4 | 7,901.89 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,010.62 | 1/2 | 5,597.31 | 1/2 | 6,160.01 | 1/2 | 6,687.96 | 1/2 | 7,168.20 | 1/2 | 7,583.66 | 1/2 | 7,907.38 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,023.02 | 3/4 | 5,609.32 | 3/4 | 6,171.42 | 3/4 | 6,698.51 | 3/4 | 7,177.60 | 3/4 | 7,591.48 | 3/4 | 7,912.86 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 5,035.43 | 2 | 5,621.33 | 2 | 6,182.82 | 2 | 6,709.06 | 2 | 7,187.01 | 2 | 7,599.30 | 2 | 7,918.34 | 2 | | 2 | | 2 | |
| 1/4 | 5,047.81 | 1/4 | 5,633.29 | 1/4 | 6,194.16 | 1/4 | 6,719.53 | 1/4 | 7,196.29 | 1/4 | 7,606.97 | 1/4 | 7,923.57 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,060.19 | 1/2 | 5,645.26 | 1/2 | 6,205.50 | 1/2 | 6,730.00 | 1/2 | 7,205.58 | 1/2 | 7,614.63 | 1/2 | 7,928.79 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,072.57 | 3/4 | 5,657.22 | 3/4 | 6,216.84 | 3/4 | 6,740.47 | 3/4 | 7,214.87 | 3/4 | 7,622.30 | 3/4 | 7,934.02 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 5,084.95 | 3 | 5,669.19 | 3 | 6,228.18 | 3 | 6,750.94 | 3 | 7,224.16 | 3 | 7,629.96 | 3 | 7,939.24 | 3 | | 3 | | 3 | |
| 1/4 | 5,097.30 | 1/4 | 5,681.11 | 1/4 | 6,239.46 | 1/4 | 6,761.32 | 1/4 | 7,233.33 | 1/4 | 7,637.46 | 1/4 | 7,944.19 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,109.65 | 1/2 | 5,693.03 | 1/2 | 6,250.73 | 1/2 | 6,771.70 | 1/2 | 7,242.50 | 1/2 | 7,644.96 | 1/2 | 7,949.14 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,122.00 | 3/4 | 5,704.96 | 3/4 | 6,262.01 | 3/4 | 6,782.09 | 3/4 | 7,251.67 | 3/4 | 7,652.47 | 3/4 | 7,954.09 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 5,134.36 | 4 | 5,716.88 | 4 | 6,273.29 | 4 | 6,792.47 | 4 | 7,260.85 | 4 | 7,659.97 | 4 | 7,959.05 | 4 | | 4 | | 4 | |
| 1/4 | 5,146.68 | 1/4 | 5,728.75 | 1/4 | 6,284.50 | 1/4 | 6,802.77 | 1/4 | 7,269.90 | 1/4 | 7,667.30 | 1/4 | 7,963.70 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,159.00 | 1/2 | 5,740.63 | 1/2 | 6,295.72 | 1/2 | 6,813.06 | 1/2 | 7,278.95 | 1/2 | 7,674.63 | 1/2 | 7,968.36 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,171.33 | 3/4 | 5,752.51 | 3/4 | 6,306.93 | 3/4 | 6,823.36 | 3/4 | 7,288.01 | 3/4 | 7,681.97 | 3/4 | 7,973.02 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 5,183.65 | 5 | 5,764.38 | 5 | 6,318.14 | 5 | 6,833.66 | 5 | 7,297.06 | 5 | 7,689.30 | 5 | 7,977.68 | 5 | | 5 | | 5 | |
| 1/4 | 5,195.95 | 1/4 | 5,776.21 | 1/4 | 6,329.29 | 1/4 | 6,843.86 | 1/4 | 7,305.99 | 1/4 | 7,696.46 | 1/4 | 7,982.02 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,208.24 | 1/2 | 5,788.05 | 1/2 | 6,340.44 | 1/2 | 6,854.07 | 1/2 | 7,314.92 | 1/2 | 7,703.62 | 1/2 | 7,986.37 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,220.53 | 3/4 | 5,799.88 | 3/4 | 6,351.59 | 3/4 | 6,864.27 | 3/4 | 7,323.85 | 3/4 | 7,710.77 | 3/4 | 7,990.71 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 5,232.83 | 6 | 5,811.71 | 6 | 6,362.73 | 6 | 6,874.48 | 6 | 7,332.78 | 6 | 7,717.93 | 6 | 7,995.06 | 6 | | 6 | | 6 | |
| 1/4 | 5,245.09 | 1/4 | 5,823.49 | 1/4 | 6,373.81 | 1/4 | 6,884.59 | 1/4 | 7,341.59 | 1/4 | 7,724.91 | 1/4 | 7,999.06 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,257.36 | 1/2 | 5,835.27 | 1/2 | 6,384.89 | 1/2 | 6,894.71 | 1/2 | 7,350.40 | 1/2 | 7,731.89 | 1/2 | 8,003.06 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,269.62 | 3/4 | 5,847.05 | 3/4 | 6,395.97 | 3/4 | 6,904.82 | 3/4 | 7,359.20 | 3/4 | 7,738.86 | 3/4 | 8,007.06 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 5,281.88 | 7 | 5,858.83 | 7 | 6,407.05 | 7 | 6,914.94 | 7 | 7,368.01 | 7 | 7,745.84 | 7 | 8,011.06 | 7 | | 7 | | 7 | |
| 1/4 | 5,294.11 | 1/4 | 5,870.57 | 1/4 | 6,418.06 | 1/4 | 6,924.96 | 1/4 | 7,376.69 | 1/4 | 7,752.63 | 1/4 | 8,014.69 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,306.35 | 1/2 | 5,882.30 | 1/2 | 6,429.07 | 1/2 | 6,934.98 | 1/2 | 7,385.36 | 1/2 | 7,759.42 | 1/2 | 8,018.31 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,318.58 | 3/4 | 5,894.03 | 3/4 | 6,440.08 | 3/4 | 6,945.00 | 3/4 | 7,394.04 | 3/4 | 7,766.21 | 3/4 | 8,021.94 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 5,330.81 | 8 | 5,905.76 | 8 | 6,451.09 | 8 | 6,955.02 | 8 | 7,402.72 | 8 | 7,773.00 | 8 | 8,025.56 | 8 | | 8 | | 8 | |
| 1/4 | 5,343.00 | 1/4 | 5,917.44 | 1/4 | 6,462.03 | 1/4 | 6,964.94 | 1/4 | 7,411.26 | 1/4 | 7,779.60 | 1/4 | 8,028.76 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,355.20 | 1/2 | 5,929.13 | 1/2 | 6,472.97 | 1/2 | 6,974.86 | 1/2 | 7,419.81 | 1/2 | 7,786.19 | 1/2 | 8,031.96 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,367.40 | 3/4 | 5,940.81 | 3/4 | 6,483.91 | 3/4 | 6,984.79 | 3/4 | 7,428.35 | 3/4 | 7,792.79 | 3/4 | 8,035.16 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 5,379.60 | 9 | 5,952.49 | 9 | 6,494.85 | 9 | 6,994.71 | 9 | 7,436.90 | 9 | 7,799.38 | 9 | 8,038.36 | 9 | | 9 | | 9 | |
| 1/4 | 5,391.76 | 1/4 | 5,964.12 | 1/4 | 6,505.71 | 1/4 | 7,004.53 | 1/4 | 7,445.31 | 1/4 | 7,805.77 | 1/4 | 8,041.06 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,403.92 | 1/2 | 5,975.74 | 1/2 | 6,516.58 | 1/2 | 7,014.36 | 1/2 | 7,453.72 | 1/2 | 7,812.16 | 1/2 | 8,043.77 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,416.08 | 3/4 | 5,987.37 | 3/4 | 6,527.44 | 3/4 | 7,024.18 | 3/4 | 7,462.13 | 3/4 | 7,818.56 | 3/4 | 8,046.47 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 5,428.25 | 10 | 5,999.00 | 10 | 6,538.31 | 10 | 7,034.00 | 10 | 7,470.53 | 10 | 7,824.95 | 10 | 8,049.18 | 10 | | 10 | | 10 | |
| 1/4 | 5,440.37 | 1/4 | 6,010.58 | 1/4 | 6,549.10 | 1/4 | 7,043.73 | 1/4 | 7,478.80 | 1/4 | 7,831.13 | 1/4 | 8,051.27 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,452.50 | 1/2 | 6,022.15 | 1/2 | 6,559.89 | 1/2 | 7,053.45 | 1/2 | 7,487.07 | 1/2 | 7,837.31 | 1/2 | 8,053.36 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,464.62 | 3/4 | 6,033.72 | 3/4 | 6,570.68 | 3/4 | 7,063.17 | 3/4 | 7,495.34 | 3/4 | 7,843.49 | 3/4 | 8,055.45 | 3/4 | | 3/4 | | 3/4 | |
| 11 | 5,476.75 | 11 | 6,045.30 | 11 | 6,581.47 | 11 | 7,072.89 | 11 | 7,503.61 | 11 | 7,849.67 | 11 | 8,057.54 | 11 | | 11 | | 11 | |
| 1/4 | 5,488.84 | 1/4 | 6,056.82 | 1/4 | 6,592.18 | 1/4 | 7,082.51 | 1/4 | 7,511.73 | 1/4 | 7,855.63 | 1/4 | 8,058.68 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5,500.93 | 1/2 | 6,068.33 | 1/2 | 6,602.89 | 1/2 | 7,092.13 | 1/2 | 7,519.86 | 1/2 | 7,861.59 | 1/2 | 8,059.83 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5,513.01 | 3/4 | 6,079.85 | 3/4 | 6,613.60 | 3/4 | 7,101.74 | 3/4 | 7,527.98 | 3/4 | 7,867.55 | 3/4 | 8,060.97 | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/07/2014 CL -SW
CALCULATED: 05/08/2014 CL
VERIFIED: 05/08/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 05/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.
PRECISION MEASUREMENT
& ANALYSIS, INC.
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