



BARGE "KIRBY 10103"

ULLAGE TRIM TABLE

| | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | |
|----------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 CENTER | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 | 00-3/4 | - 00-3/4 | 00-7/8 | - 00-7/8 |
| 2 CENTER | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 |
| 3 CENTER | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 163'-06"

February 20, 2024

PRECISION MEASUREMENT
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BARGE "KIRBY 10103"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | | 0 | | 0 | | 0 | 3,556.95 | 0 | 3,304.22 | 0 | 3,051.49 | 0 | 2,793.97 | 0 | 2,498.61 | 0 | 2,202.52 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,551.68 | 1/4 | 3,298.95 | 1/4 | 3,046.22 | 1/4 | 2,787.82 | 1/4 | 2,492.45 | 1/4 | 2,196.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,546.42 | 1/2 | 3,293.69 | 1/2 | 3,040.96 | 1/2 | 2,781.67 | 1/2 | 2,486.28 | 1/2 | 2,190.18 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,761.83 | 3/4 | 3,541.15 | 3/4 | 3,288.42 | 3/4 | 3,035.69 | 3/4 | 2,775.52 | 3/4 | 2,480.11 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,760.80 | 1 | 3,535.89 | 1 | 3,283.16 | 1 | 3,030.43 | 1 | 2,769.37 | 1 | 2,473.94 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,759.76 | 1/4 | 3,530.62 | 1/4 | 3,277.89 | 1/4 | 3,025.16 | 1/4 | 2,763.23 | 1/4 | 2,467.77 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,758.73 | 1/2 | 3,525.36 | 1/2 | 3,272.63 | 1/2 | 3,019.90 | 1/2 | 2,757.08 | 1/2 | 2,461.60 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,757.70 | 3/4 | 3,520.09 | 3/4 | 3,267.36 | 3/4 | 3,014.63 | 3/4 | 2,750.93 | 3/4 | 2,455.43 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,754.60 | 2 | 3,514.83 | 2 | 3,262.10 | 2 | 3,009.37 | 2 | 2,744.78 | 2 | 2,449.27 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,751.51 | 1/4 | 3,509.56 | 1/4 | 3,256.83 | 1/4 | 3,004.10 | 1/4 | 2,738.63 | 1/4 | 2,443.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,748.41 | 1/2 | 3,504.30 | 1/2 | 3,251.57 | 1/2 | 2,998.84 | 1/2 | 2,732.48 | 1/2 | 2,436.93 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,745.31 | 3/4 | 3,499.03 | 3/4 | 3,246.30 | 3/4 | 2,993.57 | 3/4 | 2,726.33 | 3/4 | 2,430.76 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,741.17 | 3 | 3,493.77 | 3 | 3,241.04 | 3 | 2,988.31 | 3 | 2,720.18 | 3 | 2,424.59 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,737.02 | 1/4 | 3,488.50 | 1/4 | 3,235.77 | 1/4 | 2,983.04 | 1/4 | 2,714.03 | 1/4 | 2,418.42 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,732.87 | 1/2 | 3,483.24 | 1/2 | 3,230.51 | 1/2 | 2,977.78 | 1/2 | 2,707.88 | 1/2 | 2,412.25 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,728.73 | 3/4 | 3,477.97 | 3/4 | 3,225.24 | 3/4 | 2,972.51 | 3/4 | 2,701.73 | 3/4 | 2,406.09 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,723.60 | 4 | 3,472.71 | 4 | 3,219.98 | 4 | 2,967.25 | 4 | 2,695.58 | 4 | 2,399.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,718.47 | 1/4 | 3,467.44 | 1/4 | 3,214.71 | 1/4 | 2,961.98 | 1/4 | 2,689.43 | 1/4 | 2,393.75 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,713.33 | 1/2 | 3,462.17 | 1/2 | 3,209.45 | 1/2 | 2,956.72 | 1/2 | 2,683.28 | 1/2 | 2,387.58 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,708.20 | 3/4 | 3,456.91 | 3/4 | 3,204.18 | 3/4 | 2,951.45 | 3/4 | 2,677.13 | 3/4 | 2,381.41 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,703.04 | 5 | 3,451.64 | 5 | 3,198.91 | 5 | 2,946.19 | 5 | 2,670.98 | 5 | 2,375.24 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,697.87 | 1/4 | 3,446.38 | 1/4 | 3,193.65 | 1/4 | 2,940.92 | 1/4 | 2,664.83 | 1/4 | 2,369.07 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,692.70 | 1/2 | 3,441.11 | 1/2 | 3,188.38 | 1/2 | 2,935.65 | 1/2 | 2,658.68 | 1/2 | 2,362.91 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,687.54 | 3/4 | 3,435.85 | 3/4 | 3,183.12 | 3/4 | 2,930.39 | 3/4 | 2,652.53 | 3/4 | 2,356.74 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,682.36 | 6 | 3,430.58 | 6 | 3,177.85 | 6 | 2,925.12 | 6 | 2,646.38 | 6 | 2,350.57 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,677.18 | 1/4 | 3,425.32 | 1/4 | 3,172.59 | 1/4 | 2,919.86 | 1/4 | 2,640.23 | 1/4 | 2,344.40 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,672.00 | 1/2 | 3,420.05 | 1/2 | 3,167.32 | 1/2 | 2,914.59 | 1/2 | 2,634.08 | 1/2 | 2,338.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,666.82 | 3/4 | 3,414.79 | 3/4 | 3,162.06 | 3/4 | 2,909.33 | 3/4 | 2,627.93 | 3/4 | 2,332.06 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,661.64 | 7 | 3,409.52 | 7 | 3,156.79 | 7 | 2,904.06 | 7 | 2,621.78 | 7 | 2,325.89 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,656.46 | 1/4 | 3,404.26 | 1/4 | 3,151.53 | 1/4 | 2,898.80 | 1/4 | 2,615.63 | 1/4 | 2,319.73 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,651.28 | 1/2 | 3,398.99 | 1/2 | 3,146.26 | 1/2 | 2,893.53 | 1/2 | 2,609.48 | 1/2 | 2,313.56 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,646.11 | 3/4 | 3,393.73 | 3/4 | 3,141.00 | 3/4 | 2,888.27 | 3/4 | 2,603.33 | 3/4 | 2,307.39 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,640.93 | 8 | 3,388.46 | 8 | 3,135.73 | 8 | 2,883.00 | 8 | 2,597.18 | 8 | 2,301.22 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,635.75 | 1/4 | 3,383.20 | 1/4 | 3,130.47 | 1/4 | 2,877.74 | 1/4 | 2,591.03 | 1/4 | 2,295.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,630.57 | 1/2 | 3,377.93 | 1/2 | 3,125.20 | 1/2 | 2,872.47 | 1/2 | 2,584.88 | 1/2 | 2,288.88 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,625.40 | 3/4 | 3,372.67 | 3/4 | 3,119.94 | 3/4 | 2,867.21 | 3/4 | 2,578.73 | 3/4 | 2,282.71 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,620.13 | 9 | 3,367.40 | 9 | 3,114.67 | 9 | 2,861.92 | 9 | 2,572.58 | 9 | 2,276.54 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,614.87 | 1/4 | 3,362.14 | 1/4 | 3,109.41 | 1/4 | 2,856.63 | 1/4 | 2,566.43 | 1/4 | 2,270.38 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,609.60 | 1/2 | 3,356.87 | 1/2 | 3,104.14 | 1/2 | 2,851.34 | 1/2 | 2,560.28 | 1/2 | 2,264.21 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,604.34 | 3/4 | 3,351.61 | 3/4 | 3,098.88 | 3/4 | 2,846.05 | 3/4 | 2,554.13 | 3/4 | 2,258.04 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,599.07 | 10 | 3,346.34 | 10 | 3,093.61 | 10 | 2,840.76 | 10 | 2,547.96 | 10 | 2,251.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,593.80 | 1/4 | 3,341.08 | 1/4 | 3,088.35 | 1/4 | 2,835.47 | 1/4 | 2,541.79 | 1/4 | 2,245.70 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,588.54 | 1/2 | 3,335.81 | 1/2 | 3,083.08 | 1/2 | 2,830.18 | 1/2 | 2,535.63 | 1/2 | 2,239.53 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,583.27 | 3/4 | 3,330.54 | 3/4 | 3,077.82 | 3/4 | 2,824.89 | 3/4 | 2,529.46 | 3/4 | 2,233.36 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,578.01 | 11 | 3,325.28 | 11 | 3,072.55 | 11 | 2,818.70 | 11 | 2,523.29 | 11 | 2,227.20 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,572.74 | 1/4 | 3,320.01 | 1/4 | 3,067.28 | 1/4 | 2,812.51 | 1/4 | 2,517.12 | 1/4 | 2,221.03 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,567.48 | 1/2 | 3,314.75 | 1/2 | 3,062.02 | 1/2 | 2,806.31 | 1/2 | 2,510.95 | 1/2 | 2,214.86 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,562.21 | 3/4 | 3,309.48 | 3/4 | 3,056.75 | 3/4 | 2,800.12 | 3/4 | 2,504.78 | 3/4 | 2,208.69 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 32'-00" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 10103"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,906.43 | 0 | 1,610.12 | 0 | 1,313.63 | 0 | 1,017.12 | 0 | 726.36 | 0 | 430.03 | 0 | 133.31 | 0 | | 0 | | 0 | |
| 1/4 | 1,900.26 | 1/4 | 1,603.94 | 1/4 | 1,307.45 | 1/4 | 1,010.95 | 1/4 | 720.28 | 1/4 | 423.85 | 1/4 | 127.14 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,894.09 | 1/2 | 1,597.77 | 1/2 | 1,301.27 | 1/2 | 1,004.77 | 1/2 | 714.20 | 1/2 | 417.67 | 1/2 | 120.96 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,887.92 | 3/4 | 1,591.60 | 3/4 | 1,295.09 | 3/4 | 998.59 | 3/4 | 708.12 | 3/4 | 411.49 | 3/4 | 114.79 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,881.75 | 1 | 1,585.42 | 1 | 1,288.92 | 1 | 992.42 | 1 | 701.95 | 1 | 405.31 | 1 | 108.64 | 1 | | 1 | | 1 | |
| 1/4 | 1,875.59 | 1/4 | 1,579.24 | 1/4 | 1,282.74 | 1/4 | 986.24 | 1/4 | 695.79 | 1/4 | 399.12 | 1/4 | 102.48 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,869.42 | 1/2 | 1,573.06 | 1/2 | 1,276.56 | 1/2 | 980.06 | 1/2 | 689.63 | 1/2 | 392.94 | 1/2 | 96.33 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,863.25 | 3/4 | 1,566.89 | 3/4 | 1,270.39 | 3/4 | 973.89 | 3/4 | 683.46 | 3/4 | 386.76 | 3/4 | 90.17 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,857.08 | 2 | 1,560.71 | 2 | 1,264.21 | 2 | 967.77 | 2 | 677.28 | 2 | 380.58 | 2 | 84.05 | 2 | | 2 | | 2 | |
| 1/4 | 1,850.91 | 1/4 | 1,554.53 | 1/4 | 1,258.03 | 1/4 | 961.66 | 1/4 | 671.10 | 1/4 | 374.40 | 1/4 | 77.93 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,844.74 | 1/2 | 1,548.36 | 1/2 | 1,251.85 | 1/2 | 955.54 | 1/2 | 664.92 | 1/2 | 368.22 | 1/2 | 71.81 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,838.57 | 3/4 | 1,542.18 | 3/4 | 1,245.68 | 3/4 | 949.43 | 3/4 | 658.74 | 3/4 | 362.04 | 3/4 | 65.69 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,832.41 | 3 | 1,536.00 | 3 | 1,239.50 | 3 | 943.38 | 3 | 652.56 | 3 | 355.85 | 3 | 59.62 | 3 | | 3 | | 3 | |
| 1/4 | 1,826.24 | 1/4 | 1,529.82 | 1/4 | 1,233.32 | 1/4 | 937.32 | 1/4 | 646.38 | 1/4 | 349.67 | 1/4 | 53.56 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,820.07 | 1/2 | 1,523.65 | 1/2 | 1,227.15 | 1/2 | 931.27 | 1/2 | 640.20 | 1/2 | 343.49 | 1/2 | 47.49 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,813.90 | 3/4 | 1,517.47 | 3/4 | 1,220.97 | 3/4 | 925.22 | 3/4 | 634.02 | 3/4 | 337.31 | 3/4 | 41.43 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,807.72 | 4 | 1,511.29 | 4 | 1,214.79 | 4 | 919.17 | 4 | 627.84 | 4 | 331.13 | 4 | 36.28 | 4 | | 4 | | 4 | |
| 1/4 | 1,801.55 | 1/4 | 1,505.12 | 1/4 | 1,208.61 | 1/4 | 913.12 | 1/4 | 621.65 | 1/4 | 324.95 | 1/4 | 31.12 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,795.37 | 1/2 | 1,498.94 | 1/2 | 1,202.44 | 1/2 | 907.07 | 1/2 | 615.47 | 1/2 | 318.77 | 1/2 | 25.97 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,789.19 | 3/4 | 1,492.76 | 3/4 | 1,196.26 | 3/4 | 901.02 | 3/4 | 609.29 | 3/4 | 312.58 | 3/4 | 20.82 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,783.01 | 5 | 1,486.58 | 5 | 1,190.08 | 5 | 894.99 | 5 | 603.11 | 5 | 306.40 | 5 | 17.72 | 5 | | 5 | | 5 | |
| 1/4 | 1,776.84 | 1/4 | 1,480.41 | 1/4 | 1,183.91 | 1/4 | 888.95 | 1/4 | 596.93 | 1/4 | 300.22 | 1/4 | 14.63 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,770.66 | 1/2 | 1,474.23 | 1/2 | 1,177.73 | 1/2 | 882.92 | 1/2 | 590.75 | 1/2 | 294.04 | 1/2 | 11.53 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,764.48 | 3/4 | 1,468.05 | 3/4 | 1,171.55 | 3/4 | 876.88 | 3/4 | 584.57 | 3/4 | 287.86 | 3/4 | 8.43 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,758.31 | 6 | 1,461.88 | 6 | 1,165.38 | 6 | 870.86 | 6 | 578.38 | 6 | 281.68 | 6 | 7.40 | 6 | | 6 | | 6 | |
| 1/4 | 1,752.13 | 1/4 | 1,455.70 | 1/4 | 1,159.20 | 1/4 | 864.84 | 1/4 | 572.20 | 1/4 | 275.50 | 1/4 | 6.37 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,745.95 | 1/2 | 1,449.52 | 1/2 | 1,153.02 | 1/2 | 858.83 | 1/2 | 566.02 | 1/2 | 269.31 | 1/2 | 5.34 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,739.78 | 3/4 | 1,443.34 | 3/4 | 1,146.84 | 3/4 | 852.81 | 3/4 | 559.84 | 3/4 | 263.13 | 3/4 | 4.31 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,733.60 | 7 | 1,437.17 | 7 | 1,140.67 | 7 | 846.79 | 7 | 553.66 | 7 | 256.95 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,727.42 | 1/4 | 1,430.99 | 1/4 | 1,134.49 | 1/4 | 840.77 | 1/4 | 547.48 | 1/4 | 250.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,721.25 | 1/2 | 1,424.81 | 1/2 | 1,128.31 | 1/2 | 834.75 | 1/2 | 541.30 | 1/2 | 244.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,715.07 | 3/4 | 1,418.64 | 3/4 | 1,122.14 | 3/4 | 828.74 | 3/4 | 535.12 | 3/4 | 238.41 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,708.90 | 8 | 1,412.46 | 8 | 1,115.96 | 8 | 822.72 | 8 | 528.93 | 8 | 232.23 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,702.73 | 1/4 | 1,406.28 | 1/4 | 1,109.78 | 1/4 | 816.70 | 1/4 | 522.75 | 1/4 | 226.05 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,696.55 | 1/2 | 1,400.10 | 1/2 | 1,103.60 | 1/2 | 810.68 | 1/2 | 516.57 | 1/2 | 219.86 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,690.38 | 3/4 | 1,393.93 | 3/4 | 1,097.43 | 3/4 | 804.66 | 3/4 | 510.39 | 3/4 | 213.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,684.20 | 9 | 1,387.75 | 9 | 1,091.25 | 9 | 798.64 | 9 | 504.21 | 9 | 207.50 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,678.03 | 1/4 | 1,381.57 | 1/4 | 1,085.07 | 1/4 | 792.63 | 1/4 | 498.03 | 1/4 | 201.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,671.86 | 1/2 | 1,375.40 | 1/2 | 1,078.90 | 1/2 | 786.61 | 1/2 | 491.85 | 1/2 | 195.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,665.68 | 3/4 | 1,369.22 | 3/4 | 1,072.72 | 3/4 | 780.59 | 3/4 | 485.66 | 3/4 | 188.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,659.51 | 10 | 1,363.04 | 10 | 1,066.54 | 10 | 774.57 | 10 | 479.48 | 10 | 182.78 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,653.33 | 1/4 | 1,356.87 | 1/4 | 1,060.36 | 1/4 | 768.55 | 1/4 | 473.30 | 1/4 | 176.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,647.16 | 1/2 | 1,350.69 | 1/2 | 1,054.19 | 1/2 | 762.54 | 1/2 | 467.12 | 1/2 | 170.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,640.99 | 3/4 | 1,344.51 | 3/4 | 1,048.01 | 3/4 | 756.52 | 3/4 | 460.94 | 3/4 | 164.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,634.81 | 11 | 1,338.33 | 11 | 1,041.83 | 11 | 750.50 | 11 | 454.76 | 11 | 158.05 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,628.64 | 1/4 | 1,332.16 | 1/4 | 1,035.66 | 1/4 | 744.48 | 1/4 | 448.58 | 1/4 | 151.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,622.46 | 1/2 | 1,325.98 | 1/2 | 1,029.48 | 1/2 | 738.46 | 1/2 | 442.39 | 1/2 | 145.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,616.29 | 3/4 | 1,319.80 | 3/4 | 1,023.30 | 3/4 | 732.44 | 3/4 | 436.21 | 3/4 | 139.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/12/2014 CL
CALCULATED: 02/13/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10103"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | | 0 | | 0 | | 0 | 3,272.37 | 0 | 3,010.37 | 0 | 2,748.36 | 0 | 2,486.01 | 0 | 2,222.60 | 0 | 1,959.19 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,266.91 | 1/4 | 3,004.91 | 1/4 | 2,742.91 | 1/4 | 2,480.52 | 1/4 | 2,217.11 | 1/4 | 1,953.70 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,261.45 | 1/2 | 2,999.45 | 1/2 | 2,737.45 | 1/2 | 2,475.03 | 1/2 | 2,211.62 | 1/2 | 1,948.21 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,255.99 | 3/4 | 2,993.99 | 3/4 | 2,731.99 | 3/4 | 2,469.55 | 3/4 | 2,206.14 | 3/4 | 1,942.73 |
| 1 | | 1 | | 1 | | 1 | 3,477.30 | 1 | 3,250.54 | 1 | 2,988.53 | 1 | 2,726.53 | 1 | 2,464.06 | 1 | 2,200.65 | 1 | 1,937.24 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,476.38 | 1/4 | 3,245.08 | 1/4 | 2,983.07 | 1/4 | 2,721.07 | 1/4 | 2,458.57 | 1/4 | 2,195.16 | 1/4 | 1,931.75 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,475.47 | 1/2 | 3,239.62 | 1/2 | 2,977.62 | 1/2 | 2,715.61 | 1/2 | 2,453.08 | 1/2 | 2,189.67 | 1/2 | 1,926.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,474.55 | 3/4 | 3,234.16 | 3/4 | 2,972.16 | 3/4 | 2,710.15 | 3/4 | 2,447.59 | 3/4 | 2,184.19 | 3/4 | 1,920.78 |
| 2 | | 2 | | 2 | | 2 | 3,473.63 | 2 | 3,228.70 | 2 | 2,966.70 | 2 | 2,704.70 | 2 | 2,442.11 | 2 | 2,178.70 | 2 | 1,915.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,470.89 | 1/4 | 3,223.24 | 1/4 | 2,961.24 | 1/4 | 2,699.24 | 1/4 | 2,436.62 | 1/4 | 2,173.21 | 1/4 | 1,909.80 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,468.14 | 1/2 | 3,217.79 | 1/2 | 2,955.78 | 1/2 | 2,693.78 | 1/2 | 2,431.13 | 1/2 | 2,167.72 | 1/2 | 1,904.31 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,465.40 | 3/4 | 3,212.33 | 3/4 | 2,950.32 | 3/4 | 2,688.32 | 3/4 | 2,425.64 | 3/4 | 2,162.23 | 3/4 | 1,898.82 |
| 3 | | 3 | | 3 | | 3 | 3,462.65 | 3 | 3,206.87 | 3 | 2,944.87 | 3 | 2,682.86 | 3 | 2,420.16 | 3 | 2,156.75 | 3 | 1,893.34 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,458.21 | 1/4 | 3,201.41 | 1/4 | 2,939.41 | 1/4 | 2,677.40 | 1/4 | 2,414.67 | 1/4 | 2,151.26 | 1/4 | 1,887.85 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,453.76 | 1/2 | 3,195.95 | 1/2 | 2,933.95 | 1/2 | 2,671.95 | 1/2 | 2,409.18 | 1/2 | 2,145.77 | 1/2 | 1,882.36 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,449.31 | 3/4 | 3,190.49 | 3/4 | 2,928.49 | 3/4 | 2,666.49 | 3/4 | 2,403.69 | 3/4 | 2,140.28 | 3/4 | 1,876.87 |
| 4 | | 4 | | 4 | | 4 | 3,444.87 | 4 | 3,185.04 | 4 | 2,923.03 | 4 | 2,661.03 | 4 | 2,398.21 | 4 | 2,134.80 | 4 | 1,871.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,439.55 | 1/4 | 3,179.58 | 1/4 | 2,917.57 | 1/4 | 2,655.57 | 1/4 | 2,392.72 | 1/4 | 2,129.31 | 1/4 | 1,865.90 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,434.23 | 1/2 | 3,174.12 | 1/2 | 2,912.12 | 1/2 | 2,650.11 | 1/2 | 2,387.23 | 1/2 | 2,123.82 | 1/2 | 1,860.41 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,428.91 | 3/4 | 3,168.66 | 3/4 | 2,906.66 | 3/4 | 2,644.65 | 3/4 | 2,381.74 | 3/4 | 2,118.33 | 3/4 | 1,854.92 |
| 5 | | 5 | | 5 | | 5 | 3,423.59 | 5 | 3,163.20 | 5 | 2,901.20 | 5 | 2,639.20 | 5 | 2,376.25 | 5 | 2,112.84 | 5 | 1,849.44 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,418.24 | 1/4 | 3,157.74 | 1/4 | 2,895.74 | 1/4 | 2,633.74 | 1/4 | 2,370.77 | 1/4 | 2,107.36 | 1/4 | 1,843.95 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,412.89 | 1/2 | 3,152.29 | 1/2 | 2,890.28 | 1/2 | 2,628.28 | 1/2 | 2,365.28 | 1/2 | 2,101.87 | 1/2 | 1,838.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,407.54 | 3/4 | 3,146.83 | 3/4 | 2,884.82 | 3/4 | 2,622.82 | 3/4 | 2,359.79 | 3/4 | 2,096.38 | 3/4 | 1,832.97 |
| 6 | | 6 | | 6 | | 6 | 3,402.19 | 6 | 3,141.37 | 6 | 2,879.37 | 6 | 2,617.36 | 6 | 2,354.30 | 6 | 2,090.89 | 6 | 1,827.48 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,396.83 | 1/4 | 3,135.91 | 1/4 | 2,873.91 | 1/4 | 2,611.90 | 1/4 | 2,348.82 | 1/4 | 2,085.41 | 1/4 | 1,822.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,391.47 | 1/2 | 3,130.45 | 1/2 | 2,868.45 | 1/2 | 2,606.45 | 1/2 | 2,343.33 | 1/2 | 2,079.92 | 1/2 | 1,816.51 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,386.10 | 3/4 | 3,124.99 | 3/4 | 2,862.99 | 3/4 | 2,600.99 | 3/4 | 2,337.84 | 3/4 | 2,074.43 | 3/4 | 1,811.02 |
| 7 | | 7 | | 7 | | 7 | 3,380.74 | 7 | 3,119.53 | 7 | 2,857.53 | 7 | 2,595.53 | 7 | 2,332.35 | 7 | 2,068.94 | 7 | 1,805.53 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,375.38 | 1/4 | 3,114.08 | 1/4 | 2,852.07 | 1/4 | 2,590.07 | 1/4 | 2,326.87 | 1/4 | 2,063.46 | 1/4 | 1,800.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,370.02 | 1/2 | 3,108.62 | 1/2 | 2,846.61 | 1/2 | 2,584.61 | 1/2 | 2,321.38 | 1/2 | 2,057.97 | 1/2 | 1,794.56 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,364.67 | 3/4 | 3,103.16 | 3/4 | 2,841.16 | 3/4 | 2,579.15 | 3/4 | 2,315.89 | 3/4 | 2,052.48 | 3/4 | 1,789.07 |
| 8 | | 8 | | 8 | | 8 | 3,359.31 | 8 | 3,097.70 | 8 | 2,835.70 | 8 | 2,573.69 | 8 | 2,310.40 | 8 | 2,046.99 | 8 | 1,783.58 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,353.95 | 1/4 | 3,092.24 | 1/4 | 2,830.24 | 1/4 | 2,568.24 | 1/4 | 2,304.91 | 1/4 | 2,041.50 | 1/4 | 1,778.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,348.59 | 1/2 | 3,086.78 | 1/2 | 2,824.78 | 1/2 | 2,562.78 | 1/2 | 2,299.43 | 1/2 | 2,036.02 | 1/2 | 1,772.61 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,343.23 | 3/4 | 3,081.33 | 3/4 | 2,819.32 | 3/4 | 2,557.32 | 3/4 | 2,293.94 | 3/4 | 2,030.53 | 3/4 | 1,767.12 |
| 9 | | 9 | | 9 | | 9 | 3,337.87 | 9 | 3,075.87 | 9 | 2,813.86 | 9 | 2,551.86 | 9 | 2,288.45 | 9 | 2,025.04 | 9 | 1,761.63 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,332.41 | 1/4 | 3,070.41 | 1/4 | 2,808.41 | 1/4 | 2,546.37 | 1/4 | 2,282.96 | 1/4 | 2,019.55 | 1/4 | 1,756.14 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,326.95 | 1/2 | 3,064.95 | 1/2 | 2,802.95 | 1/2 | 2,540.89 | 1/2 | 2,277.48 | 1/2 | 2,014.07 | 1/2 | 1,750.66 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,321.50 | 3/4 | 3,059.49 | 3/4 | 2,797.49 | 3/4 | 2,535.40 | 3/4 | 2,271.99 | 3/4 | 2,008.58 | 3/4 | 1,745.17 |
| 10 | | 10 | | 10 | | 10 | 3,316.04 | 10 | 3,054.03 | 10 | 2,792.03 | 10 | 2,529.91 | 10 | 2,266.50 | 10 | 2,003.09 | 10 | 1,739.68 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,310.58 | 1/4 | 3,048.58 | 1/4 | 2,786.57 | 1/4 | 2,524.42 | 1/4 | 2,261.01 | 1/4 | 1,997.60 | 1/4 | 1,734.19 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,305.12 | 1/2 | 3,043.12 | 1/2 | 2,781.11 | 1/2 | 2,518.93 | 1/2 | 2,255.53 | 1/2 | 1,992.12 | 1/2 | 1,728.71 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,299.66 | 3/4 | 3,037.66 | 3/4 | 2,775.66 | 3/4 | 2,513.45 | 3/4 | 2,250.04 | 3/4 | 1,986.63 | 3/4 | 1,723.22 |
| 11 | | 11 | | 11 | | 11 | 3,294.20 | 11 | 3,032.20 | 11 | 2,770.20 | 11 | 2,507.96 | 11 | 2,244.55 | 11 | 1,981.14 | 11 | 1,717.73 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,288.75 | 1/4 | 3,026.74 | 1/4 | 2,764.74 | 1/4 | 2,502.47 | 1/4 | 2,239.06 | 1/4 | 1,975.65 | 1/4 | 1,712.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,283.29 | 1/2 | 3,021.28 | 1/2 | 2,759.28 | 1/2 | 2,496.98 | 1/2 | 2,233.57 | 1/2 | 1,970.16 | 1/2 | 1,706.76 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,277.83 | 3/4 | 3,015.83 | 3/4 | 2,753.82 | 3/4 | 2,491.50 | 3/4 | 2,228.09 | 3/4 | 1,964.68 | 3/4 | 1,701.27 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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BARGE "KIRBY 10103"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,695.78 | 0 | 1,432.37 | 0 | 1,168.81 | 0 | 906.76 | 0 | 647.44 | 0 | 384.06 | 0 | 120.53 | 0 | | 0 | | 0 | |
| 1/4 | 1,690.29 | 1/4 | 1,426.88 | 1/4 | 1,163.32 | 1/4 | 901.36 | 1/4 | 641.99 | 1/4 | 378.57 | 1/4 | 115.05 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,684.80 | 1/2 | 1,421.39 | 1/2 | 1,157.83 | 1/2 | 895.95 | 1/2 | 636.54 | 1/2 | 373.08 | 1/2 | 109.58 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,679.32 | 3/4 | 1,415.91 | 3/4 | 1,152.34 | 3/4 | 890.54 | 3/4 | 631.10 | 3/4 | 367.59 | 3/4 | 104.11 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,673.83 | 1 | 1,410.42 | 1 | 1,146.85 | 1 | 885.14 | 1 | 625.65 | 1 | 362.09 | 1 | 98.63 | 1 | | 1 | | 1 | |
| 1/4 | 1,668.34 | 1/4 | 1,404.93 | 1/4 | 1,141.36 | 1/4 | 879.73 | 1/4 | 620.16 | 1/4 | 356.60 | 1/4 | 93.18 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,662.85 | 1/2 | 1,399.44 | 1/2 | 1,135.86 | 1/2 | 874.33 | 1/2 | 614.67 | 1/2 | 351.11 | 1/2 | 87.72 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,657.37 | 3/4 | 1,393.95 | 3/4 | 1,130.37 | 3/4 | 868.92 | 3/4 | 609.18 | 3/4 | 345.62 | 3/4 | 82.26 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,651.88 | 2 | 1,388.46 | 2 | 1,124.88 | 2 | 863.51 | 2 | 603.69 | 2 | 340.13 | 2 | 76.81 | 2 | | 2 | | 2 | |
| 1/4 | 1,646.39 | 1/4 | 1,382.96 | 1/4 | 1,119.39 | 1/4 | 858.11 | 1/4 | 598.19 | 1/4 | 334.64 | 1/4 | 71.38 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,640.90 | 1/2 | 1,377.47 | 1/2 | 1,113.90 | 1/2 | 852.70 | 1/2 | 592.70 | 1/2 | 329.15 | 1/2 | 65.95 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,635.42 | 3/4 | 1,371.98 | 3/4 | 1,108.41 | 3/4 | 847.30 | 3/4 | 587.21 | 3/4 | 323.66 | 3/4 | 60.53 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,629.93 | 3 | 1,366.49 | 3 | 1,102.92 | 3 | 841.89 | 3 | 581.72 | 3 | 318.17 | 3 | 55.10 | 3 | | 3 | | 3 | |
| 1/4 | 1,624.44 | 1/4 | 1,361.00 | 1/4 | 1,097.43 | 1/4 | 836.48 | 1/4 | 576.23 | 1/4 | 312.68 | 1/4 | 49.72 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,618.95 | 1/2 | 1,355.51 | 1/2 | 1,091.94 | 1/2 | 831.08 | 1/2 | 570.74 | 1/2 | 307.19 | 1/2 | 44.34 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,613.46 | 3/4 | 1,350.02 | 3/4 | 1,086.44 | 3/4 | 825.67 | 3/4 | 565.25 | 3/4 | 301.70 | 3/4 | 38.97 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,607.98 | 4 | 1,344.53 | 4 | 1,080.95 | 4 | 820.26 | 4 | 559.76 | 4 | 296.21 | 4 | 33.59 | 4 | | 4 | | 4 | |
| 1/4 | 1,602.49 | 1/4 | 1,339.04 | 1/4 | 1,075.46 | 1/4 | 814.86 | 1/4 | 554.27 | 1/4 | 290.72 | 1/4 | 29.02 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,597.00 | 1/2 | 1,333.54 | 1/2 | 1,069.97 | 1/2 | 809.46 | 1/2 | 548.78 | 1/2 | 285.22 | 1/2 | 24.45 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,591.51 | 3/4 | 1,328.05 | 3/4 | 1,064.48 | 3/4 | 804.06 | 3/4 | 543.29 | 3/4 | 279.73 | 3/4 | 19.89 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,586.03 | 5 | 1,322.56 | 5 | 1,058.99 | 5 | 798.66 | 5 | 537.80 | 5 | 274.24 | 5 | 15.32 | 5 | | 5 | | 5 | |
| 1/4 | 1,580.54 | 1/4 | 1,317.07 | 1/4 | 1,053.50 | 1/4 | 793.26 | 1/4 | 532.31 | 1/4 | 268.75 | 1/4 | 12.57 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,575.05 | 1/2 | 1,311.58 | 1/2 | 1,048.01 | 1/2 | 787.86 | 1/2 | 526.82 | 1/2 | 263.26 | 1/2 | 9.83 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,569.56 | 3/4 | 1,306.09 | 3/4 | 1,042.52 | 3/4 | 782.46 | 3/4 | 521.32 | 3/4 | 257.77 | 3/4 | 7.08 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,564.08 | 6 | 1,300.60 | 6 | 1,037.02 | 6 | 777.06 | 6 | 515.83 | 6 | 252.28 | 6 | 4.34 | 6 | | 6 | | 6 | |
| 1/4 | 1,558.59 | 1/4 | 1,295.11 | 1/4 | 1,031.53 | 1/4 | 771.66 | 1/4 | 510.34 | 1/4 | 246.79 | 1/4 | 3.42 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,553.10 | 1/2 | 1,289.62 | 1/2 | 1,026.04 | 1/2 | 766.26 | 1/2 | 504.85 | 1/2 | 241.30 | 1/2 | 2.51 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,547.61 | 3/4 | 1,284.12 | 3/4 | 1,020.55 | 3/4 | 760.85 | 3/4 | 499.36 | 3/4 | 235.81 | 3/4 | 1.59 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,542.12 | 7 | 1,278.63 | 7 | 1,015.06 | 7 | 755.45 | 7 | 493.87 | 7 | 230.32 | 7 | 0.68 | 7 | | 7 | | 7 | |
| 1/4 | 1,536.64 | 1/4 | 1,273.14 | 1/4 | 1,009.61 | 1/4 | 750.05 | 1/4 | 488.38 | 1/4 | 224.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,531.15 | 1/2 | 1,267.65 | 1/2 | 1,004.16 | 1/2 | 744.65 | 1/2 | 482.89 | 1/2 | 219.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,525.66 | 3/4 | 1,262.16 | 3/4 | 998.71 | 3/4 | 739.25 | 3/4 | 477.40 | 3/4 | 213.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,520.17 | 8 | 1,256.67 | 8 | 993.26 | 8 | 733.85 | 8 | 471.91 | 8 | 208.36 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,514.69 | 1/4 | 1,251.18 | 1/4 | 987.86 | 1/4 | 728.45 | 1/4 | 466.42 | 1/4 | 202.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,509.20 | 1/2 | 1,245.69 | 1/2 | 982.45 | 1/2 | 723.05 | 1/2 | 460.93 | 1/2 | 197.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,503.71 | 3/4 | 1,240.20 | 3/4 | 977.04 | 3/4 | 717.65 | 3/4 | 455.44 | 3/4 | 191.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,498.22 | 9 | 1,234.70 | 9 | 971.64 | 9 | 712.25 | 9 | 449.95 | 9 | 186.39 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,492.73 | 1/4 | 1,229.21 | 1/4 | 966.23 | 1/4 | 706.85 | 1/4 | 444.46 | 1/4 | 180.90 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,487.25 | 1/2 | 1,223.72 | 1/2 | 960.83 | 1/2 | 701.44 | 1/2 | 438.96 | 1/2 | 175.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,481.76 | 3/4 | 1,218.23 | 3/4 | 955.42 | 3/4 | 696.04 | 3/4 | 433.47 | 3/4 | 169.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,476.27 | 10 | 1,212.74 | 10 | 950.01 | 10 | 690.64 | 10 | 427.98 | 10 | 164.43 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,470.78 | 1/4 | 1,207.25 | 1/4 | 944.61 | 1/4 | 685.24 | 1/4 | 422.49 | 1/4 | 158.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,465.30 | 1/2 | 1,201.76 | 1/2 | 939.20 | 1/2 | 679.84 | 1/2 | 417.00 | 1/2 | 153.45 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,459.81 | 3/4 | 1,196.27 | 3/4 | 933.79 | 3/4 | 674.44 | 3/4 | 411.51 | 3/4 | 147.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,454.32 | 11 | 1,190.78 | 11 | 928.39 | 11 | 669.04 | 11 | 406.02 | 11 | 142.47 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,448.83 | 1/4 | 1,185.28 | 1/4 | 922.98 | 1/4 | 663.64 | 1/4 | 400.53 | 1/4 | 136.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,443.35 | 1/2 | 1,179.79 | 1/2 | 917.58 | 1/2 | 658.24 | 1/2 | 395.04 | 1/2 | 131.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,437.86 | 3/4 | 1,174.30 | 3/4 | 912.17 | 3/4 | 652.84 | 3/4 | 389.55 | 3/4 | 126.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/12/2014 CL
CALCULATED: 02/13/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024



BARGE "KIRBY 10103"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | | 0 | | 0 | | 0 | 3,265.96 | 0 | 3,005.26 | 0 | 2,744.56 | 0 | 2,483.53 | 0 | 2,221.42 | 0 | 1,959.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,260.53 | 1/4 | 2,999.83 | 1/4 | 2,739.13 | 1/4 | 2,478.07 | 1/4 | 2,215.96 | 1/4 | 1,953.84 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,255.10 | 1/2 | 2,994.40 | 1/2 | 2,733.69 | 1/2 | 2,472.61 | 1/2 | 2,210.50 | 1/2 | 1,948.38 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,249.67 | 3/4 | 2,988.96 | 3/4 | 2,728.26 | 3/4 | 2,467.15 | 3/4 | 2,205.03 | 3/4 | 1,942.92 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,244.24 | 1 | 2,983.53 | 1 | 2,722.83 | 1 | 2,461.69 | 1 | 2,199.57 | 1 | 1,937.46 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,464.44 | 1/4 | 3,238.80 | 1/4 | 2,978.10 | 1/4 | 2,717.40 | 1/4 | 2,456.23 | 1/4 | 2,194.11 | 1/4 | 1,932.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,463.53 | 1/2 | 3,233.37 | 1/2 | 2,972.67 | 1/2 | 2,711.97 | 1/2 | 2,450.77 | 1/2 | 2,188.65 | 1/2 | 1,926.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,462.62 | 3/4 | 3,227.94 | 3/4 | 2,967.24 | 3/4 | 2,706.54 | 3/4 | 2,445.31 | 3/4 | 2,183.19 | 3/4 | 1,921.08 |
| 2 | | 2 | | 2 | | 2 | 3,461.71 | 2 | 3,222.51 | 2 | 2,961.81 | 2 | 2,701.11 | 2 | 2,439.84 | 2 | 2,177.73 | 2 | 1,915.62 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,460.80 | 1/4 | 3,217.08 | 1/4 | 2,956.38 | 1/4 | 2,695.67 | 1/4 | 2,434.38 | 1/4 | 2,172.27 | 1/4 | 1,910.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,458.07 | 1/2 | 3,211.65 | 1/2 | 2,950.95 | 1/2 | 2,690.24 | 1/2 | 2,428.92 | 1/2 | 2,166.81 | 1/2 | 1,904.70 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,455.34 | 3/4 | 3,206.22 | 3/4 | 2,945.51 | 3/4 | 2,684.81 | 3/4 | 2,423.46 | 3/4 | 2,161.35 | 3/4 | 1,899.24 |
| 3 | | 3 | | 3 | | 3 | 3,452.60 | 3 | 3,200.79 | 3 | 2,940.08 | 3 | 2,679.38 | 3 | 2,418.00 | 3 | 2,155.89 | 3 | 1,893.77 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,449.87 | 1/4 | 3,195.35 | 1/4 | 2,934.65 | 1/4 | 2,673.95 | 1/4 | 2,412.54 | 1/4 | 2,150.43 | 1/4 | 1,888.31 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,445.45 | 1/2 | 3,189.92 | 1/2 | 2,929.22 | 1/2 | 2,668.52 | 1/2 | 2,407.08 | 1/2 | 2,144.97 | 1/2 | 1,882.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,441.02 | 3/4 | 3,184.49 | 3/4 | 2,923.79 | 3/4 | 2,663.09 | 3/4 | 2,401.62 | 3/4 | 2,139.51 | 3/4 | 1,877.39 |
| 4 | | 4 | | 4 | | 4 | 3,436.60 | 4 | 3,179.06 | 4 | 2,918.36 | 4 | 2,657.66 | 4 | 2,396.16 | 4 | 2,134.05 | 4 | 1,871.93 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,432.18 | 1/4 | 3,173.63 | 1/4 | 2,912.93 | 1/4 | 2,652.22 | 1/4 | 2,390.70 | 1/4 | 2,128.59 | 1/4 | 1,866.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,426.89 | 1/2 | 3,168.20 | 1/2 | 2,907.50 | 1/2 | 2,646.79 | 1/2 | 2,385.24 | 1/2 | 2,123.12 | 1/2 | 1,861.01 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,421.59 | 3/4 | 3,162.77 | 3/4 | 2,902.06 | 3/4 | 2,641.36 | 3/4 | 2,379.78 | 3/4 | 2,117.66 | 3/4 | 1,855.55 |
| 5 | | 5 | | 5 | | 5 | 3,416.30 | 5 | 3,157.34 | 5 | 2,896.63 | 5 | 2,635.93 | 5 | 2,374.32 | 5 | 2,112.20 | 5 | 1,850.09 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,411.01 | 1/4 | 3,151.90 | 1/4 | 2,891.20 | 1/4 | 2,630.50 | 1/4 | 2,368.86 | 1/4 | 2,106.74 | 1/4 | 1,844.63 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,405.69 | 1/2 | 3,146.47 | 1/2 | 2,885.77 | 1/2 | 2,625.07 | 1/2 | 2,363.40 | 1/2 | 2,101.28 | 1/2 | 1,839.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,400.36 | 3/4 | 3,141.04 | 3/4 | 2,880.34 | 3/4 | 2,619.64 | 3/4 | 2,357.93 | 3/4 | 2,095.82 | 3/4 | 1,833.71 |
| 6 | | 6 | | 6 | | 6 | 3,395.04 | 6 | 3,135.61 | 6 | 2,874.91 | 6 | 2,614.21 | 6 | 2,352.47 | 6 | 2,090.36 | 6 | 1,828.25 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,389.72 | 1/4 | 3,130.18 | 1/4 | 2,869.48 | 1/4 | 2,608.77 | 1/4 | 2,347.01 | 1/4 | 2,084.90 | 1/4 | 1,822.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,384.38 | 1/2 | 3,124.75 | 1/2 | 2,864.04 | 1/2 | 2,603.34 | 1/2 | 2,341.55 | 1/2 | 2,079.44 | 1/2 | 1,817.33 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,379.04 | 3/4 | 3,119.32 | 3/4 | 2,858.61 | 3/4 | 2,597.91 | 3/4 | 2,336.09 | 3/4 | 2,073.98 | 3/4 | 1,811.86 |
| 7 | | 7 | | 7 | | 7 | 3,373.70 | 7 | 3,113.88 | 7 | 2,853.18 | 7 | 2,592.48 | 7 | 2,330.63 | 7 | 2,068.52 | 7 | 1,806.40 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,368.36 | 1/4 | 3,108.45 | 1/4 | 2,847.75 | 1/4 | 2,587.05 | 1/4 | 2,325.17 | 1/4 | 2,063.06 | 1/4 | 1,800.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,363.03 | 1/2 | 3,103.02 | 1/2 | 2,842.32 | 1/2 | 2,581.62 | 1/2 | 2,319.71 | 1/2 | 2,057.60 | 1/2 | 1,795.48 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,357.70 | 3/4 | 3,097.59 | 3/4 | 2,836.89 | 3/4 | 2,576.19 | 3/4 | 2,314.25 | 3/4 | 2,052.14 | 3/4 | 1,790.02 |
| 8 | | 8 | | 8 | | 8 | 3,352.37 | 8 | 3,092.16 | 8 | 2,831.46 | 8 | 2,570.75 | 8 | 2,308.79 | 8 | 2,046.67 | 8 | 1,784.56 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,347.04 | 1/4 | 3,086.73 | 1/4 | 2,826.03 | 1/4 | 2,565.32 | 1/4 | 2,303.33 | 1/4 | 2,041.21 | 1/4 | 1,779.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,341.70 | 1/2 | 3,081.30 | 1/2 | 2,820.59 | 1/2 | 2,559.89 | 1/2 | 2,297.87 | 1/2 | 2,035.75 | 1/2 | 1,773.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,336.37 | 3/4 | 3,075.87 | 3/4 | 2,815.16 | 3/4 | 2,554.46 | 3/4 | 2,292.41 | 3/4 | 2,030.29 | 3/4 | 1,768.18 |
| 9 | | 9 | | 9 | | 9 | 3,331.04 | 9 | 3,070.43 | 9 | 2,809.73 | 9 | 2,549.03 | 9 | 2,286.95 | 9 | 2,024.83 | 9 | 1,762.72 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,325.71 | 1/4 | 3,065.00 | 1/4 | 2,804.30 | 1/4 | 2,543.60 | 1/4 | 2,281.48 | 1/4 | 2,019.37 | 1/4 | 1,757.26 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,320.27 | 1/2 | 3,059.57 | 1/2 | 2,798.87 | 1/2 | 2,538.14 | 1/2 | 2,276.02 | 1/2 | 2,013.91 | 1/2 | 1,751.80 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,314.84 | 3/4 | 3,054.14 | 3/4 | 2,793.44 | 3/4 | 2,532.68 | 3/4 | 2,270.56 | 3/4 | 2,008.45 | 3/4 | 1,746.34 |
| 10 | | 10 | | 10 | | 10 | 3,309.41 | 10 | 3,048.71 | 10 | 2,788.01 | 10 | 2,527.22 | 10 | 2,265.10 | 10 | 2,002.99 | 10 | 1,740.88 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,303.98 | 1/4 | 3,043.28 | 1/4 | 2,782.58 | 1/4 | 2,521.76 | 1/4 | 2,259.64 | 1/4 | 1,997.53 | 1/4 | 1,735.41 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,298.55 | 1/2 | 3,037.85 | 1/2 | 2,777.14 | 1/2 | 2,516.29 | 1/2 | 2,254.18 | 1/2 | 1,992.07 | 1/2 | 1,729.95 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,293.12 | 3/4 | 3,032.42 | 3/4 | 2,771.71 | 3/4 | 2,510.83 | 3/4 | 2,248.72 | 3/4 | 1,986.61 | 3/4 | 1,724.49 |
| 11 | | 11 | | 11 | | 11 | 3,287.69 | 11 | 3,026.98 | 11 | 2,766.28 | 11 | 2,505.37 | 11 | 2,243.26 | 11 | 1,981.15 | 11 | 1,719.03 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,282.26 | 1/4 | 3,021.55 | 1/4 | 2,760.85 | 1/4 | 2,499.91 | 1/4 | 2,237.80 | 1/4 | 1,975.69 | 1/4 | 1,713.57 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,276.82 | 1/2 | 3,016.12 | 1/2 | 2,755.42 | 1/2 | 2,494.45 | 1/2 | 2,232.34 | 1/2 | 1,970.22 | 1/2 | 1,708.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,271.39 | 3/4 | 3,010.69 | 3/4 | 2,749.99 | 3/4 | 2,488.99 | 3/4 | 2,226.88 | 3/4 | 1,964.76 | 3/4 | 1,702.65 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "KIRBY 10103"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,697.19 | 0 | 1,435.08 | 0 | 1,172.82 | 0 | 911.23 | 0 | 649.89 | 0 | 387.64 | 0 | 125.40 | 0 | | 0 | | 0 | |
| 1/4 | 1,691.73 | 1/4 | 1,429.62 | 1/4 | 1,167.35 | 1/4 | 905.80 | 1/4 | 644.43 | 1/4 | 382.17 | 1/4 | 119.94 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,686.27 | 1/2 | 1,424.15 | 1/2 | 1,161.89 | 1/2 | 900.38 | 1/2 | 638.97 | 1/2 | 376.71 | 1/2 | 114.49 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,680.81 | 3/4 | 1,418.69 | 3/4 | 1,156.42 | 3/4 | 894.95 | 3/4 | 633.50 | 3/4 | 371.25 | 3/4 | 109.05 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,675.35 | 1 | 1,413.23 | 1 | 1,150.96 | 1 | 889.52 | 1 | 628.04 | 1 | 365.78 | 1 | 103.60 | 1 | | 1 | | 1 | |
| 1/4 | 1,669.89 | 1/4 | 1,407.77 | 1/4 | 1,145.50 | 1/4 | 884.09 | 1/4 | 622.58 | 1/4 | 360.32 | 1/4 | 98.15 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,664.43 | 1/2 | 1,402.31 | 1/2 | 1,140.03 | 1/2 | 878.66 | 1/2 | 617.11 | 1/2 | 354.86 | 1/2 | 92.72 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,658.96 | 3/4 | 1,396.84 | 3/4 | 1,134.57 | 3/4 | 873.24 | 3/4 | 611.65 | 3/4 | 349.39 | 3/4 | 87.29 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,653.50 | 2 | 1,391.38 | 2 | 1,129.10 | 2 | 867.81 | 2 | 606.19 | 2 | 343.93 | 2 | 81.86 | 2 | | 2 | | 2 | |
| 1/4 | 1,648.04 | 1/4 | 1,385.92 | 1/4 | 1,123.64 | 1/4 | 862.38 | 1/4 | 600.72 | 1/4 | 338.46 | 1/4 | 76.44 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,642.58 | 1/2 | 1,380.45 | 1/2 | 1,118.18 | 1/2 | 856.95 | 1/2 | 595.26 | 1/2 | 333.00 | 1/2 | 71.03 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,637.12 | 3/4 | 1,374.99 | 3/4 | 1,112.71 | 3/4 | 851.53 | 3/4 | 589.79 | 3/4 | 327.54 | 3/4 | 65.63 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,631.66 | 3 | 1,369.52 | 3 | 1,107.25 | 3 | 846.10 | 3 | 584.33 | 3 | 322.07 | 3 | 60.23 | 3 | | 3 | | 3 | |
| 1/4 | 1,626.20 | 1/4 | 1,364.06 | 1/4 | 1,101.78 | 1/4 | 840.67 | 1/4 | 578.87 | 1/4 | 316.61 | 1/4 | 54.83 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,620.74 | 1/2 | 1,358.60 | 1/2 | 1,096.32 | 1/2 | 835.24 | 1/2 | 573.40 | 1/2 | 311.15 | 1/2 | 49.48 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,615.28 | 3/4 | 1,353.13 | 3/4 | 1,090.85 | 3/4 | 829.82 | 3/4 | 567.94 | 3/4 | 305.68 | 3/4 | 44.13 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,609.82 | 4 | 1,347.67 | 4 | 1,085.39 | 4 | 824.39 | 4 | 562.48 | 4 | 300.22 | 4 | 38.78 | 4 | | 4 | | 4 | |
| 1/4 | 1,604.36 | 1/4 | 1,342.20 | 1/4 | 1,079.93 | 1/4 | 818.96 | 1/4 | 557.01 | 1/4 | 294.76 | 1/4 | 33.43 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,598.90 | 1/2 | 1,336.74 | 1/2 | 1,074.46 | 1/2 | 813.54 | 1/2 | 551.55 | 1/2 | 289.29 | 1/2 | 28.88 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,593.44 | 3/4 | 1,331.28 | 3/4 | 1,069.00 | 3/4 | 808.11 | 3/4 | 546.09 | 3/4 | 283.83 | 3/4 | 24.34 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,587.98 | 5 | 1,325.81 | 5 | 1,063.53 | 5 | 802.69 | 5 | 540.62 | 5 | 278.36 | 5 | 19.79 | 5 | | 5 | | 5 | |
| 1/4 | 1,582.52 | 1/4 | 1,320.35 | 1/4 | 1,058.07 | 1/4 | 797.27 | 1/4 | 535.16 | 1/4 | 272.90 | 1/4 | 15.25 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,577.05 | 1/2 | 1,314.88 | 1/2 | 1,052.61 | 1/2 | 791.81 | 1/2 | 529.69 | 1/2 | 267.44 | 1/2 | 12.52 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,571.59 | 3/4 | 1,309.42 | 3/4 | 1,047.14 | 3/4 | 786.35 | 3/4 | 524.23 | 3/4 | 261.97 | 3/4 | 9.78 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,566.13 | 6 | 1,303.95 | 6 | 1,041.68 | 6 | 780.89 | 6 | 518.77 | 6 | 256.51 | 6 | 7.05 | 6 | | 6 | | 6 | |
| 1/4 | 1,560.67 | 1/4 | 1,298.49 | 1/4 | 1,036.21 | 1/4 | 775.43 | 1/4 | 513.30 | 1/4 | 251.05 | 1/4 | 4.32 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,555.21 | 1/2 | 1,293.03 | 1/2 | 1,030.75 | 1/2 | 769.98 | 1/2 | 507.84 | 1/2 | 245.58 | 1/2 | 3.41 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,549.75 | 3/4 | 1,287.56 | 3/4 | 1,025.29 | 3/4 | 764.52 | 3/4 | 502.38 | 3/4 | 240.12 | 3/4 | 2.50 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,544.29 | 7 | 1,282.10 | 7 | 1,019.82 | 7 | 759.06 | 7 | 496.91 | 7 | 234.65 | 7 | 1.59 | 7 | | 7 | | 7 | |
| 1/4 | 1,538.83 | 1/4 | 1,276.63 | 1/4 | 1,014.36 | 1/4 | 753.60 | 1/4 | 491.45 | 1/4 | 229.19 | 1/4 | 0.68 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,533.37 | 1/2 | 1,271.17 | 1/2 | 1,008.93 | 1/2 | 748.14 | 1/2 | 485.98 | 1/2 | 223.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,527.91 | 3/4 | 1,265.71 | 3/4 | 1,003.50 | 3/4 | 742.68 | 3/4 | 480.52 | 3/4 | 218.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,522.45 | 8 | 1,260.24 | 8 | 998.07 | 8 | 737.22 | 8 | 475.06 | 8 | 212.80 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,516.99 | 1/4 | 1,254.78 | 1/4 | 992.65 | 1/4 | 731.77 | 1/4 | 469.59 | 1/4 | 207.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,511.53 | 1/2 | 1,249.31 | 1/2 | 987.22 | 1/2 | 726.31 | 1/2 | 464.13 | 1/2 | 201.87 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,506.07 | 3/4 | 1,243.85 | 3/4 | 981.79 | 3/4 | 720.85 | 3/4 | 458.67 | 3/4 | 196.41 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,500.60 | 9 | 1,238.39 | 9 | 976.36 | 9 | 715.39 | 9 | 453.20 | 9 | 190.94 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,495.14 | 1/4 | 1,232.92 | 1/4 | 970.94 | 1/4 | 709.93 | 1/4 | 447.74 | 1/4 | 185.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,489.68 | 1/2 | 1,227.46 | 1/2 | 965.51 | 1/2 | 704.47 | 1/2 | 442.27 | 1/2 | 180.02 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,484.22 | 3/4 | 1,221.99 | 3/4 | 960.08 | 3/4 | 699.01 | 3/4 | 436.81 | 3/4 | 174.55 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,478.76 | 10 | 1,216.53 | 10 | 954.65 | 10 | 693.55 | 10 | 431.35 | 10 | 169.09 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,473.30 | 1/4 | 1,211.07 | 1/4 | 949.23 | 1/4 | 688.10 | 1/4 | 425.88 | 1/4 | 163.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,467.84 | 1/2 | 1,205.60 | 1/2 | 943.80 | 1/2 | 682.64 | 1/2 | 420.42 | 1/2 | 158.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,462.38 | 3/4 | 1,200.14 | 3/4 | 938.37 | 3/4 | 677.18 | 3/4 | 414.96 | 3/4 | 152.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,456.92 | 11 | 1,194.67 | 11 | 932.94 | 11 | 671.72 | 11 | 409.49 | 11 | 147.24 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,451.46 | 1/4 | 1,189.21 | 1/4 | 927.51 | 1/4 | 666.26 | 1/4 | 404.03 | 1/4 | 141.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,446.00 | 1/2 | 1,183.74 | 1/2 | 922.09 | 1/2 | 660.80 | 1/2 | 398.57 | 1/2 | 136.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,440.54 | 3/4 | 1,178.28 | 3/4 | 916.66 | 3/4 | 655.35 | 3/4 | 393.10 | 3/4 | 130.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 02/12/2014 CL
CALCULATED: 02/13/2014 CL
VERIFIED: 02/20/2024 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2024