



BARGE "KIRBY 10256"

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 | 00-3/8 | - 00-3/8 | 00-1/2 | - 00-1/2 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 |
| 2 CENTER | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 |
| 3 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 | 00-3/8 | - 00-3/8 |

(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"

June 5, 2023

PRECISION MEASUREMENT
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BARGE "KIRBY 10256"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,551.04 | 0 | 3,298.36 | 0 | 3,045.68 | 0 | 2,787.33 | 0 | 2,492.00 | 0 | 2,195.96 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,545.78 | 1/4 | 3,293.10 | 1/4 | 3,040.42 | 1/4 | 2,781.18 | 1/4 | 2,485.83 | 1/4 | 2,189.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,761.16 | 1/2 | 3,540.52 | 1/2 | 3,287.83 | 1/2 | 3,035.15 | 1/2 | 2,775.03 | 1/2 | 2,479.67 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,760.13 | 3/4 | 3,535.25 | 3/4 | 3,282.57 | 3/4 | 3,029.89 | 3/4 | 2,768.88 | 3/4 | 2,473.50 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,529.10 | 1 | 3,277.31 | 1 | 3,024.62 | 1 | 2,762.73 | 1 | 2,462.66 | 1 | 2,171.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,758.07 | 1/4 | 3,524.72 | 1/4 | 3,272.04 | 1/4 | 3,019.36 | 1/4 | 2,756.58 | 1/4 | 2,461.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,757.03 | 1/2 | 3,519.46 | 1/2 | 3,266.78 | 1/2 | 3,014.10 | 1/2 | 2,750.44 | 1/2 | 2,455.00 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,753.94 | 3/4 | 3,514.19 | 3/4 | 3,261.51 | 3/4 | 3,008.83 | 3/4 | 2,744.29 | 3/4 | 2,448.83 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,750.84 | 2 | 3,487.93 | 2 | 3,256.25 | 2 | 3,003.57 | 2 | 2,738.14 | 2 | 2,442.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,747.74 | 1/4 | 3,503.67 | 1/4 | 3,250.98 | 1/4 | 2,998.30 | 1/4 | 2,731.99 | 1/4 | 2,436.49 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,744.65 | 1/2 | 3,498.40 | 1/2 | 3,245.72 | 1/2 | 2,993.04 | 1/2 | 2,725.84 | 1/2 | 2,430.33 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,740.50 | 3/4 | 3,493.14 | 3/4 | 3,240.46 | 3/4 | 2,987.77 | 3/4 | 2,719.69 | 3/4 | 2,424.16 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,736.36 | 3 | 3,487.87 | 3 | 3,235.19 | 3 | 2,982.51 | 3 | 2,713.54 | 3 | 2,417.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,732.21 | 1/4 | 3,482.61 | 1/4 | 3,229.93 | 1/4 | 2,977.25 | 1/4 | 2,707.39 | 1/4 | 2,411.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,728.07 | 1/2 | 3,477.35 | 1/2 | 3,224.66 | 1/2 | 2,971.98 | 1/2 | 2,701.25 | 1/2 | 2,405.66 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,722.94 | 3/4 | 3,472.08 | 3/4 | 3,219.40 | 3/4 | 2,966.72 | 3/4 | 2,695.10 | 3/4 | 2,399.49 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,717.81 | 4 | 3,466.82 | 4 | 3,214.13 | 4 | 2,961.45 | 4 | 2,688.95 | 4 | 2,393.32 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,712.68 | 1/4 | 3,461.55 | 1/4 | 3,208.87 | 1/4 | 2,956.19 | 1/4 | 2,682.80 | 1/4 | 2,387.15 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,707.55 | 1/2 | 3,456.29 | 1/2 | 3,203.61 | 1/2 | 2,950.92 | 1/2 | 2,676.65 | 1/2 | 2,380.99 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,702.38 | 3/4 | 3,451.02 | 3/4 | 3,198.34 | 3/4 | 2,945.66 | 3/4 | 2,670.50 | 3/4 | 2,374.82 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,697.21 | 5 | 3,445.76 | 5 | 3,193.08 | 5 | 2,940.40 | 5 | 2,664.35 | 5 | 2,368.65 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,692.05 | 1/4 | 3,440.50 | 1/4 | 3,187.81 | 1/4 | 2,935.13 | 1/4 | 2,658.20 | 1/4 | 2,362.48 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,686.88 | 1/2 | 3,435.23 | 1/2 | 3,182.55 | 1/2 | 2,929.87 | 1/2 | 2,652.06 | 1/2 | 2,356.32 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,681.70 | 3/4 | 3,429.97 | 3/4 | 3,177.29 | 3/4 | 2,924.60 | 3/4 | 2,645.91 | 3/4 | 2,350.15 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,676.52 | 6 | 3,424.70 | 6 | 3,172.02 | 6 | 2,919.34 | 6 | 2,639.76 | 6 | 2,343.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,671.34 | 1/4 | 3,419.44 | 1/4 | 3,166.76 | 1/4 | 2,914.08 | 1/4 | 2,633.61 | 1/4 | 2,337.81 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,666.16 | 1/2 | 3,414.17 | 1/2 | 3,161.49 | 1/2 | 2,908.81 | 1/2 | 2,627.46 | 1/2 | 2,331.65 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,660.99 | 3/4 | 3,408.91 | 3/4 | 3,156.23 | 3/4 | 2,903.55 | 3/4 | 2,621.31 | 3/4 | 2,325.48 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,655.81 | 7 | 3,403.65 | 7 | 3,150.96 | 7 | 2,898.28 | 7 | 2,615.16 | 7 | 2,319.31 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,650.63 | 1/4 | 3,398.38 | 1/4 | 3,145.70 | 1/4 | 2,893.02 | 1/4 | 2,609.02 | 1/4 | 2,313.14 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,645.45 | 1/2 | 3,393.12 | 1/2 | 3,140.44 | 1/2 | 2,887.75 | 1/2 | 2,602.87 | 1/2 | 2,306.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,640.28 | 3/4 | 3,387.85 | 3/4 | 3,135.17 | 3/4 | 2,882.49 | 3/4 | 2,596.72 | 3/4 | 2,300.81 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,635.10 | 8 | 3,382.59 | 8 | 3,129.91 | 8 | 2,877.23 | 8 | 2,590.57 | 8 | 2,294.64 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,629.92 | 1/4 | 3,377.33 | 1/4 | 3,124.64 | 1/4 | 2,871.96 | 1/4 | 2,584.42 | 1/4 | 2,288.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,624.74 | 1/2 | 3,372.06 | 1/2 | 3,119.38 | 1/2 | 2,866.70 | 1/2 | 2,578.27 | 1/2 | 2,282.31 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,619.48 | 3/4 | 3,366.80 | 3/4 | 3,114.12 | 3/4 | 2,861.41 | 3/4 | 2,572.12 | 3/4 | 2,276.14 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,614.21 | 9 | 3,361.53 | 9 | 3,108.85 | 9 | 2,856.12 | 9 | 2,565.97 | 9 | 2,269.97 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,608.95 | 1/4 | 3,356.27 | 1/4 | 3,103.59 | 1/4 | 2,850.83 | 1/4 | 2,559.83 | 1/4 | 2,263.80 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,603.69 | 1/2 | 3,351.00 | 1/2 | 3,098.32 | 1/2 | 2,845.54 | 1/2 | 2,553.68 | 1/2 | 2,257.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,598.42 | 3/4 | 3,345.74 | 3/4 | 3,093.06 | 3/4 | 2,840.25 | 3/4 | 2,547.51 | 3/4 | 2,251.47 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,593.16 | 10 | 3,340.48 | 10 | 3,087.79 | 10 | 2,834.96 | 10 | 2,541.34 | 10 | 2,245.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,587.89 | 1/4 | 3,335.21 | 1/4 | 3,082.53 | 1/4 | 2,829.67 | 1/4 | 2,535.17 | 1/4 | 2,239.13 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,582.63 | 1/2 | 3,329.95 | 1/2 | 3,077.27 | 1/2 | 2,824.38 | 1/2 | 2,529.01 | 1/2 | 2,232.97 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,577.36 | 3/4 | 3,324.68 | 3/4 | 3,072.00 | 3/4 | 2,818.19 | 3/4 | 2,522.84 | 3/4 | 2,226.80 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,572.10 | 11 | 3,319.42 | 11 | 3,066.74 | 11 | 2,812.00 | 11 | 2,516.67 | 11 | 2,220.63 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,566.84 | 1/4 | 3,314.15 | 1/4 | 3,061.47 | 1/4 | 2,805.81 | 1/4 | 2,510.50 | 1/4 | 2,214.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,561.57 | 1/2 | 3,308.89 | 1/2 | 3,056.21 | 1/2 | 2,799.62 | 1/2 | 2,504.34 | 1/2 | 2,208.30 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,556.31 | 3/4 | 3,303.63 | 3/4 | 3,050.94 | 3/4 | 2,793.48 | 3/4 | 2,498.17 | 3/4 | 2,202.13 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 10256"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,899.92 | 0 | 1,603.66 | 0 | 1,307.22 | 0 | 1,010.77 | 0 | 720.15 | 0 | 423.77 | 0 | 127.12 | 0 | | 0 | | 0 | |
| 1/4 | 1,893.75 | 1/4 | 1,597.49 | 1/4 | 1,301.04 | 1/4 | 1,004.59 | 1/4 | 714.07 | 1/4 | 417.59 | 1/4 | 120.94 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,887.59 | 1/2 | 1,591.31 | 1/2 | 1,294.86 | 1/2 | 998.42 | 1/2 | 707.99 | 1/2 | 411.41 | 1/2 | 114.77 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,881.42 | 3/4 | 1,585.14 | 3/4 | 1,288.69 | 3/4 | 992.24 | 3/4 | 701.83 | 3/4 | 405.23 | 3/4 | 108.62 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 1,875.25 | 1 | 1,578.96 | 1 | 1,282.51 | 1 | 986.06 | 1 | 695.67 | 1 | 399.05 | 1 | 102.46 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 1,869.08 | 1/4 | 1,572.78 | 1/4 | 1,276.34 | 1/4 | 979.89 | 1/4 | 689.50 | 1/4 | 392.87 | 1/4 | 96.31 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,862.92 | 1/2 | 1,566.61 | 1/2 | 1,270.16 | 1/2 | 973.71 | 1/2 | 683.34 | 1/2 | 386.69 | 1/2 | 90.16 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,856.75 | 3/4 | 1,560.43 | 3/4 | 1,263.98 | 3/4 | 967.60 | 3/4 | 677.16 | 3/4 | 380.51 | 3/4 | 84.04 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 1,850.58 | 2 | 1,554.26 | 2 | 1,257.81 | 2 | 961.49 | 2 | 670.98 | 2 | 374.33 | 2 | 77.92 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 1,844.41 | 1/4 | 1,548.08 | 1/4 | 1,251.63 | 1/4 | 955.37 | 1/4 | 664.80 | 1/4 | 368.15 | 1/4 | 71.80 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,838.25 | 1/2 | 1,541.90 | 1/2 | 1,245.46 | 1/2 | 949.26 | 1/2 | 658.62 | 1/2 | 361.97 | 1/2 | 65.68 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,832.08 | 3/4 | 1,535.73 | 3/4 | 1,239.28 | 3/4 | 943.21 | 3/4 | 652.44 | 3/4 | 355.79 | 3/4 | 59.61 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 1,825.91 | 3 | 1,529.55 | 3 | 1,233.10 | 3 | 937.16 | 3 | 646.26 | 3 | 349.61 | 3 | 53.55 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 1,819.74 | 1/4 | 1,523.38 | 1/4 | 1,226.93 | 1/4 | 931.11 | 1/4 | 640.08 | 1/4 | 343.43 | 1/4 | 47.48 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,813.58 | 1/2 | 1,517.20 | 1/2 | 1,220.75 | 1/2 | 925.06 | 1/2 | 633.90 | 1/2 | 337.25 | 1/2 | 41.42 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,807.40 | 3/4 | 1,511.02 | 3/4 | 1,214.58 | 3/4 | 919.01 | 3/4 | 627.72 | 3/4 | 331.07 | 3/4 | 36.27 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 1,801.23 | 4 | 1,504.85 | 4 | 1,208.40 | 4 | 912.96 | 4 | 621.54 | 4 | 324.89 | 4 | 31.12 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 1,795.05 | 1/4 | 1,498.67 | 1/4 | 1,202.22 | 1/4 | 906.91 | 1/4 | 615.36 | 1/4 | 318.71 | 1/4 | 25.97 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,788.87 | 1/2 | 1,492.50 | 1/2 | 1,196.05 | 1/2 | 900.86 | 1/2 | 609.18 | 1/2 | 312.53 | 1/2 | 20.82 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,782.70 | 3/4 | 1,486.32 | 3/4 | 1,189.87 | 3/4 | 894.83 | 3/4 | 603.00 | 3/4 | 306.35 | 3/4 | 17.72 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 1,776.52 | 5 | 1,480.14 | 5 | 1,183.70 | 5 | 888.79 | 5 | 596.82 | 5 | 300.17 | 5 | 14.62 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 1,770.35 | 1/4 | 1,473.97 | 1/4 | 1,177.52 | 1/4 | 882.76 | 1/4 | 590.64 | 1/4 | 293.99 | 1/4 | 11.53 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,764.17 | 1/2 | 1,467.79 | 1/2 | 1,171.34 | 1/2 | 876.73 | 1/2 | 584.46 | 1/2 | 287.81 | 1/2 | 8.43 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,757.99 | 3/4 | 1,461.62 | 3/4 | 1,165.17 | 3/4 | 870.71 | 3/4 | 578.28 | 3/4 | 281.63 | 3/4 | 7.40 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 1,751.82 | 6 | 1,455.44 | 6 | 1,158.99 | 6 | 864.69 | 6 | 572.10 | 6 | 275.45 | 6 | 6.37 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 1,745.64 | 1/4 | 1,449.26 | 1/4 | 1,152.82 | 1/4 | 858.68 | 1/4 | 565.92 | 1/4 | 269.27 | 1/4 | 5.34 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,739.47 | 1/2 | 1,443.09 | 1/2 | 1,146.64 | 1/2 | 852.66 | 1/2 | 559.74 | 1/2 | 263.09 | 1/2 | 4.31 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,733.29 | 3/4 | 1,436.91 | 3/4 | 1,140.46 | 3/4 | 846.64 | 3/4 | 553.56 | 3/4 | 256.91 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 1,727.12 | 7 | 1,430.74 | 7 | 1,134.29 | 7 | 840.62 | 7 | 547.38 | 7 | 250.73 | 7 | | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 1,720.94 | 1/4 | 1,424.56 | 1/4 | 1,128.11 | 1/4 | 834.61 | 1/4 | 541.20 | 1/4 | 244.55 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,714.77 | 1/2 | 1,418.38 | 1/2 | 1,121.94 | 1/2 | 828.59 | 1/2 | 535.02 | 1/2 | 238.37 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,708.60 | 3/4 | 1,412.21 | 3/4 | 1,115.76 | 3/4 | 822.57 | 3/4 | 528.84 | 3/4 | 232.19 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 1,702.42 | 8 | 1,406.03 | 8 | 1,109.58 | 8 | 816.55 | 8 | 522.66 | 8 | 226.00 | 8 | | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 1,696.25 | 1/4 | 1,399.86 | 1/4 | 1,103.41 | 1/4 | 810.54 | 1/4 | 516.48 | 1/4 | 219.82 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,690.08 | 1/2 | 1,393.68 | 1/2 | 1,097.23 | 1/2 | 804.52 | 1/2 | 510.30 | 1/2 | 213.64 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,683.91 | 3/4 | 1,387.50 | 3/4 | 1,091.06 | 3/4 | 798.50 | 3/4 | 504.12 | 3/4 | 207.46 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 1,677.73 | 9 | 1,381.33 | 9 | 1,084.88 | 9 | 792.49 | 9 | 497.94 | 9 | 201.28 | 9 | | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 1,671.56 | 1/4 | 1,375.15 | 1/4 | 1,078.70 | 1/4 | 786.47 | 1/4 | 491.76 | 1/4 | 195.10 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,665.39 | 1/2 | 1,368.98 | 1/2 | 1,072.53 | 1/2 | 780.45 | 1/2 | 485.58 | 1/2 | 188.92 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,659.21 | 3/4 | 1,362.80 | 3/4 | 1,066.35 | 3/4 | 774.43 | 3/4 | 479.40 | 3/4 | 182.74 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 1,653.04 | 10 | 1,356.62 | 10 | 1,060.18 | 10 | 768.42 | 10 | 473.22 | 10 | 176.56 | 10 | | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 1,646.87 | 1/4 | 1,350.45 | 1/4 | 1,054.00 | 1/4 | 762.40 | 1/4 | 467.04 | 1/4 | 170.38 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,640.70 | 1/2 | 1,344.27 | 1/2 | 1,047.82 | 1/2 | 756.38 | 1/2 | 460.86 | 1/2 | 164.20 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,634.52 | 3/4 | 1,338.10 | 3/4 | 1,041.65 | 3/4 | 750.37 | 3/4 | 454.68 | 3/4 | 158.02 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 1,628.35 | 11 | 1,331.92 | 11 | 1,035.47 | 11 | 744.35 | 11 | 448.50 | 11 | 151.83 | 11 | | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 1,622.18 | 1/4 | 1,325.74 | 1/4 | 1,029.30 | 1/4 | 738.33 | 1/4 | 442.32 | 1/4 | 145.65 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,616.00 | 1/2 | 1,319.57 | 1/2 | 1,023.12 | 1/2 | 732.31 | 1/2 | 436.13 | 1/2 | 139.46 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,609.83 | 3/4 | 1,313.39 | 3/4 | 1,016.94 | 3/4 | 726.23 | 3/4 | 429.95 | 3/4 | 133.29 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/03/2013 CL - SW
CALCULATED: 05/04/2013 CL
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 10256"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,265.66 | 0 | 3,003.33 | 0 | 2,740.99 | 0 | 2,478.24 | 0 | 2,214.48 | 0 | 1,950.73 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,260.20 | 1/4 | 2,997.86 | 1/4 | 2,735.52 | 1/4 | 2,472.74 | 1/4 | 2,208.99 | 1/4 | 1,945.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,481.79 | 1/2 | 3,254.73 | 1/2 | 2,992.39 | 1/2 | 2,730.06 | 1/2 | 2,467.25 | 1/2 | 2,203.50 | 1/2 | 1,939.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,480.88 | 3/4 | 3,249.27 | 3/4 | 2,986.93 | 3/4 | 2,724.59 | 3/4 | 2,461.75 | 3/4 | 2,198.00 | 3/4 | 1,934.25 |
| 1 | | 1 | | 1 | | 1 | 3,479.96 | 1 | 3,243.80 | 1 | 2,981.46 | 1 | 2,719.12 | 1 | 2,456.26 | 1 | 2,192.51 | 1 | 1,928.76 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,479.04 | 1/4 | 3,238.34 | 1/4 | 2,976.00 | 1/4 | 2,713.66 | 1/4 | 2,450.76 | 1/4 | 2,187.01 | 1/4 | 1,923.26 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,478.13 | 1/2 | 3,232.87 | 1/2 | 2,970.53 | 1/2 | 2,708.19 | 1/2 | 2,445.27 | 1/2 | 2,181.52 | 1/2 | 1,917.77 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,475.38 | 3/4 | 3,227.41 | 3/4 | 2,965.07 | 3/4 | 2,702.73 | 3/4 | 2,439.77 | 3/4 | 2,176.02 | 3/4 | 1,912.27 |
| 2 | | 2 | | 2 | | 2 | 3,472.63 | 2 | 3,221.94 | 2 | 2,959.60 | 2 | 2,697.26 | 2 | 2,434.28 | 2 | 2,170.53 | 2 | 1,906.78 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,469.88 | 1/4 | 3,216.48 | 1/4 | 2,954.14 | 1/4 | 2,691.80 | 1/4 | 2,428.78 | 1/4 | 2,165.03 | 1/4 | 1,901.28 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,467.13 | 1/2 | 3,211.01 | 1/2 | 2,948.67 | 1/2 | 2,686.33 | 1/2 | 2,423.29 | 1/2 | 2,159.54 | 1/2 | 1,895.79 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,462.68 | 3/4 | 3,205.54 | 3/4 | 2,943.21 | 3/4 | 2,680.87 | 3/4 | 2,417.79 | 3/4 | 2,154.04 | 3/4 | 1,890.29 |
| 3 | | 3 | | 3 | | 3 | 3,458.23 | 3 | 3,200.08 | 3 | 2,937.74 | 3 | 2,675.40 | 3 | 2,412.30 | 3 | 2,148.55 | 3 | 1,884.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,453.78 | 1/4 | 3,194.61 | 1/4 | 2,932.27 | 1/4 | 2,669.94 | 1/4 | 2,406.80 | 1/4 | 2,143.05 | 1/4 | 1,879.30 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,449.32 | 1/2 | 3,189.15 | 1/2 | 2,926.81 | 1/2 | 2,664.47 | 1/2 | 2,401.31 | 1/2 | 2,137.56 | 1/2 | 1,873.81 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,444.00 | 3/4 | 3,183.68 | 3/4 | 2,921.34 | 3/4 | 2,659.00 | 3/4 | 2,395.81 | 3/4 | 2,132.06 | 3/4 | 1,868.31 |
| 4 | | 4 | | 4 | | 4 | 3,438.67 | 4 | 3,178.22 | 4 | 2,915.88 | 4 | 2,653.54 | 4 | 2,390.32 | 4 | 2,126.57 | 4 | 1,862.82 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,433.35 | 1/4 | 3,172.75 | 1/4 | 2,910.41 | 1/4 | 2,648.07 | 1/4 | 2,384.82 | 1/4 | 2,121.07 | 1/4 | 1,857.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,428.02 | 1/2 | 3,167.29 | 1/2 | 2,904.95 | 1/2 | 2,642.61 | 1/2 | 2,379.33 | 1/2 | 2,115.58 | 1/2 | 1,851.83 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,422.66 | 3/4 | 3,161.82 | 3/4 | 2,899.48 | 3/4 | 2,637.14 | 3/4 | 2,373.83 | 3/4 | 2,110.08 | 3/4 | 1,846.33 |
| 5 | | 5 | | 5 | | 5 | 3,417.31 | 5 | 3,156.36 | 5 | 2,894.02 | 5 | 2,631.68 | 5 | 2,368.34 | 5 | 2,104.59 | 5 | 1,840.84 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,411.95 | 1/4 | 3,150.89 | 1/4 | 2,888.55 | 1/4 | 2,626.21 | 1/4 | 2,362.84 | 1/4 | 2,099.09 | 1/4 | 1,835.34 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,406.59 | 1/2 | 3,145.43 | 1/2 | 2,883.09 | 1/2 | 2,620.75 | 1/2 | 2,357.35 | 1/2 | 2,093.60 | 1/2 | 1,829.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,401.22 | 3/4 | 3,139.96 | 3/4 | 2,877.62 | 3/4 | 2,615.28 | 3/4 | 2,351.85 | 3/4 | 2,088.10 | 3/4 | 1,824.35 |
| 6 | | 6 | | 6 | | 6 | 3,395.85 | 6 | 3,134.49 | 6 | 2,872.16 | 6 | 2,609.82 | 6 | 2,346.36 | 6 | 2,082.61 | 6 | 1,818.86 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,390.48 | 1/4 | 3,129.03 | 1/4 | 2,866.69 | 1/4 | 2,604.35 | 1/4 | 2,340.87 | 1/4 | 2,077.11 | 1/4 | 1,813.36 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,385.12 | 1/2 | 3,123.56 | 1/2 | 2,861.22 | 1/2 | 2,598.89 | 1/2 | 2,335.37 | 1/2 | 2,071.62 | 1/2 | 1,807.87 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,379.75 | 3/4 | 3,118.10 | 3/4 | 2,855.76 | 3/4 | 2,593.42 | 3/4 | 2,329.88 | 3/4 | 2,066.13 | 3/4 | 1,802.37 |
| 7 | | 7 | | 7 | | 7 | 3,374.38 | 7 | 3,112.63 | 7 | 2,850.29 | 7 | 2,587.95 | 7 | 2,324.38 | 7 | 2,060.63 | 7 | 1,796.88 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,369.01 | 1/4 | 3,107.17 | 1/4 | 2,844.83 | 1/4 | 2,582.49 | 1/4 | 2,318.89 | 1/4 | 2,055.14 | 1/4 | 1,791.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,363.65 | 1/2 | 3,101.70 | 1/2 | 2,839.36 | 1/2 | 2,577.02 | 1/2 | 2,313.39 | 1/2 | 2,049.64 | 1/2 | 1,785.89 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,358.28 | 3/4 | 3,096.24 | 3/4 | 2,833.90 | 3/4 | 2,571.56 | 3/4 | 2,307.90 | 3/4 | 2,044.15 | 3/4 | 1,780.40 |
| 8 | | 8 | | 8 | | 8 | 3,352.91 | 8 | 3,090.77 | 8 | 2,828.43 | 8 | 2,566.09 | 8 | 2,302.40 | 8 | 2,038.65 | 8 | 1,774.90 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,347.55 | 1/4 | 3,085.31 | 1/4 | 2,822.97 | 1/4 | 2,560.63 | 1/4 | 2,296.91 | 1/4 | 2,033.16 | 1/4 | 1,769.41 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,342.18 | 1/2 | 3,079.84 | 1/2 | 2,817.50 | 1/2 | 2,555.16 | 1/2 | 2,291.41 | 1/2 | 2,027.66 | 1/2 | 1,763.91 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,336.71 | 3/4 | 3,074.38 | 3/4 | 2,812.04 | 3/4 | 2,549.67 | 3/4 | 2,285.92 | 3/4 | 2,022.17 | 3/4 | 1,758.42 |
| 9 | | 9 | | 9 | | 9 | 3,331.25 | 9 | 3,068.91 | 9 | 2,806.57 | 9 | 2,544.17 | 9 | 2,280.42 | 9 | 2,016.67 | 9 | 1,752.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,325.78 | 1/4 | 3,063.44 | 1/4 | 2,801.11 | 1/4 | 2,538.68 | 1/4 | 2,274.93 | 1/4 | 2,011.18 | 1/4 | 1,747.43 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,320.32 | 1/2 | 3,057.98 | 1/2 | 2,795.64 | 1/2 | 2,533.18 | 1/2 | 2,269.43 | 1/2 | 2,005.68 | 1/2 | 1,741.93 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,314.85 | 3/4 | 3,052.51 | 3/4 | 2,790.17 | 3/4 | 2,527.69 | 3/4 | 2,263.94 | 3/4 | 2,000.19 | 3/4 | 1,736.44 |
| 10 | | 10 | | 10 | | 10 | 3,309.39 | 10 | 3,047.05 | 10 | 2,784.71 | 10 | 2,522.19 | 10 | 2,258.44 | 10 | 1,994.69 | 10 | 1,730.94 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,303.92 | 1/4 | 3,041.58 | 1/4 | 2,779.24 | 1/4 | 2,516.70 | 1/4 | 2,252.95 | 1/4 | 1,989.20 | 1/4 | 1,725.45 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,298.46 | 1/2 | 3,036.12 | 1/2 | 2,773.78 | 1/2 | 2,511.20 | 1/2 | 2,247.45 | 1/2 | 1,983.70 | 1/2 | 1,719.95 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,292.99 | 3/4 | 3,030.65 | 3/4 | 2,768.31 | 3/4 | 2,505.71 | 3/4 | 2,241.96 | 3/4 | 1,978.21 | 3/4 | 1,714.46 |
| 11 | | 11 | | 11 | | 11 | 3,287.53 | 11 | 3,025.19 | 11 | 2,762.85 | 11 | 2,500.21 | 11 | 2,236.46 | 11 | 1,972.71 | 11 | 1,708.96 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,282.06 | 1/4 | 3,019.72 | 1/4 | 2,757.38 | 1/4 | 2,494.72 | 1/4 | 2,230.97 | 1/4 | 1,967.22 | 1/4 | 1,703.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,276.60 | 1/2 | 3,014.26 | 1/2 | 2,751.92 | 1/2 | 2,489.22 | 1/2 | 2,225.47 | 1/2 | 1,961.72 | 1/2 | 1,697.97 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,271.13 | 3/4 | 3,008.79 | 3/4 | 2,746.45 | 3/4 | 2,483.73 | 3/4 | 2,219.98 | 3/4 | 1,956.23 | 3/4 | 1,692.48 |

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 25'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10256"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,686.98 | 0 | 1,423.23 | 0 | 1,159.33 | 0 | 897.11 | 0 | 637.37 | 0 | 373.56 | 0 | 109.72 | 0 | | 0 | | 0 | |
| 1/4 | 1,681.49 | 1/4 | 1,417.74 | 1/4 | 1,153.83 | 1/4 | 891.70 | 1/4 | 631.91 | 1/4 | 368.06 | 1/4 | 104.24 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,675.99 | 1/2 | 1,412.24 | 1/2 | 1,148.33 | 1/2 | 886.28 | 1/2 | 626.46 | 1/2 | 362.56 | 1/2 | 98.76 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,670.50 | 3/4 | 1,406.75 | 3/4 | 1,142.83 | 3/4 | 880.87 | 3/4 | 620.96 | 3/4 | 357.07 | 3/4 | 93.30 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 1 | 1,665.00 | 1 | 1,401.25 | 1 | 1,137.33 | 1 | 875.46 | 1 | 615.46 | 1 | 351.57 | 1 | 87.83 | 1 | 1 | 1 | | 1 | |
| 1/4 | 1,659.51 | 1/4 | 1,395.75 | 1/4 | 1,131.84 | 1/4 | 870.04 | 1/4 | 609.96 | 1/4 | 346.07 | 1/4 | 82.37 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,654.02 | 1/2 | 1,390.25 | 1/2 | 1,126.34 | 1/2 | 864.63 | 1/2 | 604.47 | 1/2 | 340.57 | 1/2 | 76.91 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,648.52 | 3/4 | 1,384.75 | 3/4 | 1,120.84 | 3/4 | 859.22 | 3/4 | 598.97 | 3/4 | 335.07 | 3/4 | 71.47 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 2 | 1,643.03 | 2 | 1,379.25 | 2 | 1,115.34 | 2 | 853.80 | 2 | 593.47 | 2 | 329.58 | 2 | 66.04 | 2 | 2 | 2 | | 2 | |
| 1/4 | 1,637.53 | 1/4 | 1,373.76 | 1/4 | 1,109.84 | 1/4 | 848.39 | 1/4 | 587.97 | 1/4 | 324.08 | 1/4 | 60.60 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,632.04 | 1/2 | 1,368.26 | 1/2 | 1,104.34 | 1/2 | 842.98 | 1/2 | 582.48 | 1/2 | 318.58 | 1/2 | 55.17 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,626.54 | 3/4 | 1,362.76 | 3/4 | 1,098.85 | 3/4 | 837.57 | 3/4 | 576.98 | 3/4 | 313.08 | 3/4 | 49.79 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 3 | 1,621.05 | 3 | 1,357.26 | 3 | 1,093.35 | 3 | 832.15 | 3 | 571.48 | 3 | 307.59 | 3 | 44.40 | 3 | 3 | 3 | | 3 | |
| 1/4 | 1,615.55 | 1/4 | 1,351.76 | 1/4 | 1,087.85 | 1/4 | 826.74 | 1/4 | 565.98 | 1/4 | 302.09 | 1/4 | 39.02 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,610.06 | 1/2 | 1,346.27 | 1/2 | 1,082.35 | 1/2 | 821.33 | 1/2 | 560.48 | 1/2 | 296.59 | 1/2 | 33.63 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,604.56 | 3/4 | 1,340.77 | 3/4 | 1,076.85 | 3/4 | 815.92 | 3/4 | 554.99 | 3/4 | 291.09 | 3/4 | 29.06 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 4 | 1,599.07 | 4 | 1,335.27 | 4 | 1,071.36 | 4 | 810.51 | 4 | 549.49 | 4 | 285.59 | 4 | 24.49 | 4 | 4 | 4 | | 4 | |
| 1/4 | 1,593.57 | 1/4 | 1,329.77 | 1/4 | 1,065.86 | 1/4 | 805.10 | 1/4 | 543.99 | 1/4 | 280.10 | 1/4 | 19.91 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,588.08 | 1/2 | 1,324.27 | 1/2 | 1,060.36 | 1/2 | 799.69 | 1/2 | 538.49 | 1/2 | 274.60 | 1/2 | 15.34 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,582.58 | 3/4 | 1,318.77 | 3/4 | 1,054.86 | 3/4 | 794.29 | 3/4 | 532.99 | 3/4 | 269.10 | 3/4 | 12.59 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 5 | 1,577.09 | 5 | 1,313.28 | 5 | 1,049.36 | 5 | 788.88 | 5 | 527.50 | 5 | 263.60 | 5 | 9.84 | 5 | 5 | 5 | | 5 | |
| 1/4 | 1,571.59 | 1/4 | 1,307.78 | 1/4 | 1,043.86 | 1/4 | 783.47 | 1/4 | 522.00 | 1/4 | 258.10 | 1/4 | 7.09 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,566.10 | 1/2 | 1,302.28 | 1/2 | 1,038.37 | 1/2 | 778.06 | 1/2 | 516.50 | 1/2 | 252.61 | 1/2 | 4.34 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,560.60 | 3/4 | 1,296.78 | 3/4 | 1,032.87 | 3/4 | 772.65 | 3/4 | 511.00 | 3/4 | 247.11 | 3/4 | 3.43 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 6 | 1,555.11 | 6 | 1,291.28 | 6 | 1,027.37 | 6 | 767.25 | 6 | 505.51 | 6 | 241.61 | 6 | 2.51 | 6 | 6 | 6 | | 6 | |
| 1/4 | 1,549.61 | 1/4 | 1,285.79 | 1/4 | 1,021.87 | 1/4 | 761.84 | 1/4 | 500.01 | 1/4 | 236.11 | 1/4 | 1.60 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,544.12 | 1/2 | 1,280.29 | 1/2 | 1,016.37 | 1/2 | 756.43 | 1/2 | 494.51 | 1/2 | 230.62 | 1/2 | 0.68 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,538.62 | 3/4 | 1,274.79 | 3/4 | 1,010.92 | 3/4 | 751.02 | 3/4 | 489.01 | 3/4 | 225.12 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 7 | 1,533.13 | 7 | 1,269.29 | 7 | 1,005.46 | 7 | 745.61 | 7 | 483.51 | 7 | 219.62 | 7 | | 7 | 7 | 7 | | 7 | |
| 1/4 | 1,527.63 | 1/4 | 1,263.79 | 1/4 | 1,000.00 | 1/4 | 740.21 | 1/4 | 478.02 | 1/4 | 214.12 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,522.14 | 1/2 | 1,258.29 | 1/2 | 994.55 | 1/2 | 734.80 | 1/2 | 472.52 | 1/2 | 208.62 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,516.65 | 3/4 | 1,252.80 | 3/4 | 989.13 | 3/4 | 729.39 | 3/4 | 467.02 | 3/4 | 203.13 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 8 | 1,511.15 | 8 | 1,247.30 | 8 | 983.72 | 8 | 723.98 | 8 | 461.52 | 8 | 197.63 | 8 | | 8 | 8 | 8 | | 8 | |
| 1/4 | 1,505.66 | 1/4 | 1,241.80 | 1/4 | 978.31 | 1/4 | 718.58 | 1/4 | 456.03 | 1/4 | 192.13 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,500.16 | 1/2 | 1,236.30 | 1/2 | 972.90 | 1/2 | 713.17 | 1/2 | 450.53 | 1/2 | 186.63 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,494.67 | 3/4 | 1,230.80 | 3/4 | 967.48 | 3/4 | 707.76 | 3/4 | 445.03 | 3/4 | 181.14 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 9 | 1,489.17 | 9 | 1,225.31 | 9 | 962.07 | 9 | 702.35 | 9 | 439.53 | 9 | 175.64 | 9 | | 9 | 9 | 9 | | 9 | |
| 1/4 | 1,483.68 | 1/4 | 1,219.81 | 1/4 | 956.66 | 1/4 | 696.94 | 1/4 | 434.03 | 1/4 | 170.14 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,478.18 | 1/2 | 1,214.31 | 1/2 | 951.24 | 1/2 | 691.54 | 1/2 | 428.54 | 1/2 | 164.64 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,472.69 | 3/4 | 1,208.81 | 3/4 | 945.83 | 3/4 | 686.13 | 3/4 | 423.04 | 3/4 | 159.15 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 10 | 1,467.19 | 10 | 1,203.31 | 10 | 940.42 | 10 | 680.72 | 10 | 417.54 | 10 | 153.65 | 10 | | 10 | 10 | 10 | | 10 | |
| 1/4 | 1,461.70 | 1/4 | 1,197.81 | 1/4 | 935.00 | 1/4 | 675.31 | 1/4 | 412.04 | 1/4 | 148.15 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,456.20 | 1/2 | 1,192.32 | 1/2 | 929.59 | 1/2 | 669.90 | 1/2 | 406.55 | 1/2 | 142.65 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,450.71 | 3/4 | 1,186.82 | 3/4 | 924.18 | 3/4 | 664.50 | 3/4 | 401.05 | 3/4 | 137.16 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 11 | 1,445.21 | 11 | 1,181.32 | 11 | 918.76 | 11 | 659.09 | 11 | 395.55 | 11 | 131.67 | 11 | | 11 | 11 | 11 | | 11 | |
| 1/4 | 1,439.72 | 1/4 | 1,175.82 | 1/4 | 913.35 | 1/4 | 653.68 | 1/4 | 390.05 | 1/4 | 126.18 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,434.22 | 1/2 | 1,170.32 | 1/2 | 907.94 | 1/2 | 648.28 | 1/2 | 384.55 | 1/2 | 120.68 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,428.73 | 3/4 | 1,164.82 | 3/4 | 902.52 | 3/4 | 642.82 | 3/4 | 379.06 | 3/4 | 115.20 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/03/2013 CL - SW
CALCULATED: 05/04/2013 CL
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 10256"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|-----|-------|-----|-------|-----|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----|----------|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | | |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,239.41 | 0 | 2,979.52 | 0 | 2,719.64 | 0 | 2,459.35 | 0 | 2,198.07 | 0 | 1,936.79 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,233.99 | 1/4 | 2,974.11 | 1/4 | 2,714.23 | 1/4 | 2,453.91 | 1/4 | 2,192.63 | 1/4 | 1,931.34 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,453.51 | 1/2 | 3,228.58 | 1/2 | 2,968.70 | 1/2 | 2,708.81 | 1/2 | 2,448.47 | 1/2 | 2,187.18 | 1/2 | 1,925.90 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,452.60 | 3/4 | 3,223.16 | 3/4 | 2,963.28 | 3/4 | 2,703.40 | 3/4 | 2,443.02 | 3/4 | 2,181.74 | 3/4 | 1,920.46 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,451.69 | 1 | 3,217.75 | 1 | 2,957.87 | 1 | 2,697.99 | 1 | 2,437.58 | 1 | 2,176.30 | 1 | 1,915.01 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,450.78 | 1/4 | 3,212.34 | 1/4 | 2,952.45 | 1/4 | 2,692.57 | 1/4 | 2,432.14 | 1/4 | 2,170.85 | 1/4 | 1,909.57 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,449.87 | 1/2 | 3,206.92 | 1/2 | 2,947.04 | 1/2 | 2,687.16 | 1/2 | 2,426.69 | 1/2 | 2,165.41 | 1/2 | 1,904.13 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,447.15 | 3/4 | 3,201.51 | 3/4 | 2,941.63 | 3/4 | 2,681.74 | 3/4 | 2,421.25 | 3/4 | 2,159.97 | 3/4 | 1,898.68 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,444.43 | 2 | 3,196.09 | 2 | 2,936.21 | 2 | 2,676.33 | 2 | 2,415.81 | 2 | 2,154.52 | 2 | 1,893.24 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,441.70 | 1/4 | 3,190.68 | 1/4 | 2,930.80 | 1/4 | 2,670.92 | 1/4 | 2,410.36 | 1/4 | 2,149.08 | 1/4 | 1,887.80 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,438.98 | 1/2 | 3,185.26 | 1/2 | 2,925.38 | 1/2 | 2,665.50 | 1/2 | 2,404.92 | 1/2 | 2,143.64 | 1/2 | 1,882.35 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,434.57 | 3/4 | 3,179.85 | 3/4 | 2,919.97 | 3/4 | 2,660.09 | 3/4 | 2,399.48 | 3/4 | 2,138.19 | 3/4 | 1,876.91 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,430.16 | 3 | 3,174.44 | 3 | 2,914.55 | 3 | 2,654.67 | 3 | 2,394.03 | 3 | 2,132.75 | 3 | 1,871.47 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,425.75 | 1/4 | 3,169.02 | 1/4 | 2,909.14 | 1/4 | 2,649.26 | 1/4 | 2,388.59 | 1/4 | 2,127.31 | 1/4 | 1,866.02 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,421.34 | 1/2 | 3,163.61 | 1/2 | 2,903.73 | 1/2 | 2,643.84 | 1/2 | 2,383.14 | 1/2 | 2,121.86 | 1/2 | 1,860.58 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,416.07 | 3/4 | 3,158.19 | 3/4 | 2,898.31 | 3/4 | 2,638.43 | 3/4 | 2,377.70 | 3/4 | 2,116.42 | 3/4 | 1,855.14 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,410.79 | 4 | 3,152.78 | 4 | 2,892.90 | 4 | 2,633.02 | 4 | 2,372.26 | 4 | 2,110.97 | 4 | 1,849.69 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,405.52 | 1/4 | 3,147.36 | 1/4 | 2,887.48 | 1/4 | 2,627.60 | 1/4 | 2,366.81 | 1/4 | 2,105.53 | 1/4 | 1,844.25 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,400.24 | 1/2 | 3,141.95 | 1/2 | 2,882.07 | 1/2 | 2,622.19 | 1/2 | 2,361.37 | 1/2 | 2,100.09 | 1/2 | 1,838.80 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,394.93 | 3/4 | 3,136.54 | 3/4 | 2,876.65 | 3/4 | 2,616.77 | 3/4 | 2,355.93 | 3/4 | 2,094.64 | 3/4 | 1,833.36 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,389.63 | 5 | 3,131.12 | 5 | 2,871.24 | 5 | 2,611.36 | 5 | 2,350.48 | 5 | 2,089.20 | 5 | 1,827.92 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,384.32 | 1/4 | 3,125.71 | 1/4 | 2,865.83 | 1/4 | 2,605.94 | 1/4 | 2,345.04 | 1/4 | 2,083.76 | 1/4 | 1,822.47 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,379.02 | 1/2 | 3,120.29 | 1/2 | 2,860.41 | 1/2 | 2,600.53 | 1/2 | 2,339.60 | 1/2 | 2,078.31 | 1/2 | 1,817.03 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,373.69 | 3/4 | 3,114.88 | 3/4 | 2,855.00 | 3/4 | 2,595.12 | 3/4 | 2,334.15 | 3/4 | 2,072.87 | 3/4 | 1,811.59 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,368.37 | 6 | 3,109.47 | 6 | 2,849.58 | 6 | 2,589.70 | 6 | 2,328.71 | 6 | 2,067.43 | 6 | 1,806.14 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,363.05 | 1/4 | 3,104.05 | 1/4 | 2,844.17 | 1/4 | 2,584.29 | 1/4 | 2,323.27 | 1/4 | 2,061.98 | 1/4 | 1,800.70 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,357.73 | 1/2 | 3,098.64 | 1/2 | 2,838.76 | 1/2 | 2,578.87 | 1/2 | 2,317.82 | 1/2 | 2,056.54 | 1/2 | 1,795.26 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,352.41 | 3/4 | 3,093.22 | 3/4 | 2,833.34 | 3/4 | 2,573.46 | 3/4 | 2,312.38 | 3/4 | 2,051.10 | 3/4 | 1,789.81 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,347.10 | 7 | 3,087.81 | 7 | 2,827.93 | 7 | 2,568.05 | 7 | 2,306.94 | 7 | 2,045.65 | 7 | 1,784.37 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,341.78 | 1/4 | 3,082.39 | 1/4 | 2,822.51 | 1/4 | 2,562.63 | 1/4 | 2,301.49 | 1/4 | 2,040.21 | 1/4 | 1,778.93 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,336.47 | 1/2 | 3,076.98 | 1/2 | 2,817.10 | 1/2 | 2,557.22 | 1/2 | 2,296.05 | 1/2 | 2,034.77 | 1/2 | 1,773.48 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,331.15 | 3/4 | 3,071.57 | 3/4 | 2,811.68 | 3/4 | 2,551.80 | 3/4 | 2,290.61 | 3/4 | 2,029.32 | 3/4 | 1,768.04 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,325.84 | 8 | 3,066.15 | 8 | 2,806.27 | 8 | 2,546.39 | 8 | 2,285.16 | 8 | 2,023.88 | 8 | 1,762.60 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,320.52 | 1/4 | 3,060.74 | 1/4 | 2,800.86 | 1/4 | 2,540.97 | 1/4 | 2,279.72 | 1/4 | 2,018.44 | 1/4 | 1,757.15 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,315.21 | 1/2 | 3,055.32 | 1/2 | 2,795.44 | 1/2 | 2,535.56 | 1/2 | 2,274.28 | 1/2 | 2,012.99 | 1/2 | 1,751.71 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,309.79 | 3/4 | 3,049.91 | 3/4 | 2,790.03 | 3/4 | 2,530.12 | 3/4 | 2,268.83 | 3/4 | 2,007.55 | 3/4 | 1,746.27 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,304.38 | 9 | 3,044.49 | 9 | 2,784.61 | 9 | 2,524.67 | 9 | 2,263.39 | 9 | 2,002.11 | 9 | 1,740.82 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,298.96 | 1/4 | 3,039.08 | 1/4 | 2,779.20 | 1/4 | 2,519.23 | 1/4 | 2,257.95 | 1/4 | 1,996.66 | 1/4 | 1,735.38 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,293.55 | 1/2 | 3,033.67 | 1/2 | 2,773.78 | 1/2 | 2,513.79 | 1/2 | 2,252.50 | 1/2 | 1,991.22 | 1/2 | 1,729.94 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,288.13 | 3/4 | 3,028.25 | 3/4 | 2,768.37 | 3/4 | 2,508.34 | 3/4 | 2,247.06 | 3/4 | 1,985.78 | 3/4 | 1,724.49 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,282.72 | 10 | 3,022.84 | 10 | 2,762.96 | 10 | 2,502.90 | 10 | 2,241.62 | 10 | 1,980.33 | 10 | 1,719.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,277.31 | 1/4 | 3,017.42 | 1/4 | 2,757.54 | 1/4 | 2,497.46 | 1/4 | 2,236.17 | 1/4 | 1,974.89 | 1/4 | 1,713.61 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,271.89 | 1/2 | 3,012.01 | 1/2 | 2,752.13 | 1/2 | 2,492.01 | 1/2 | 2,230.73 | 1/2 | 1,969.45 | 1/2 | 1,708.16 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,266.48 | 3/4 | 3,006.60 | 3/4 | 2,746.71 | 3/4 | 2,486.57 | 3/4 | 2,225.29 | 3/4 | 1,964.00 | 3/4 | 1,702.72 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,261.06 | 11 | 3,001.18 | 11 | 2,741.30 | 11 | 2,481.13 | 11 | 2,219.84 | 11 | 1,958.56 | 11 | 1,697.28 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,255.65 | 1/4 | 2,995.77 | 1/4 | 2,735.89 | 1/4 | 2,475.68 | 1/4 | 2,214.40 | 1/4 | 1,953.12 | 1/4 | 1,691.83 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,250.23 | 1/2 | 2,990.35 | 1/2 | 2,730.47 | 1/2 | 2,470.24 | 1/2 | 2,208.96 | 1/2 | 1,947.67 | 1/2 | 1,686.39 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,244.82 | 3/4 | 2,984.94 | 3/4 | 2,725.06 | 3/4 | 2,464.80 | 3/4 | 2,203.51 | 3/4 | 1,942.23 | 3/4 | 1,680.95 |

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'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10256"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,675.50 | 0 | 1,414.22 | 0 | 1,152.78 | 0 | 892.12 | 0 | 631.50 | 0 | 370.08 | 0 | 108.70 | 0 | | 0 | | 0 | |
| 1/4 | 1,670.06 | 1/4 | 1,408.78 | 1/4 | 1,147.33 | 1/4 | 886.71 | 1/4 | 626.06 | 1/4 | 364.63 | 1/4 | 103.27 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,664.62 | 1/2 | 1,403.33 | 1/2 | 1,141.88 | 1/2 | 881.30 | 1/2 | 620.61 | 1/2 | 359.18 | 1/2 | 97.84 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,659.17 | 3/4 | 1,397.89 | 3/4 | 1,136.43 | 3/4 | 875.89 | 3/4 | 615.17 | 3/4 | 353.74 | 3/4 | 92.43 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,653.73 | 1 | 1,392.44 | 1 | 1,130.99 | 1 | 870.48 | 1 | 609.72 | 1 | 348.29 | 1 | 87.02 | 1 | | 1 | | 1 | |
| 1/4 | 1,648.29 | 1/4 | 1,386.99 | 1/4 | 1,125.54 | 1/4 | 865.07 | 1/4 | 604.28 | 1/4 | 342.84 | 1/4 | 81.61 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,642.84 | 1/2 | 1,381.55 | 1/2 | 1,120.09 | 1/2 | 859.66 | 1/2 | 598.83 | 1/2 | 337.40 | 1/2 | 76.19 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,637.40 | 3/4 | 1,376.10 | 3/4 | 1,114.65 | 3/4 | 854.25 | 3/4 | 593.38 | 3/4 | 331.95 | 3/4 | 70.81 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,631.96 | 2 | 1,370.65 | 2 | 1,109.20 | 2 | 848.84 | 2 | 587.94 | 2 | 326.50 | 2 | 65.43 | 2 | | 2 | | 2 | |
| 1/4 | 1,626.51 | 1/4 | 1,365.20 | 1/4 | 1,103.75 | 1/4 | 843.43 | 1/4 | 582.49 | 1/4 | 321.06 | 1/4 | 60.04 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,621.07 | 1/2 | 1,359.76 | 1/2 | 1,098.31 | 1/2 | 838.02 | 1/2 | 577.04 | 1/2 | 315.61 | 1/2 | 54.66 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,615.63 | 3/4 | 1,354.31 | 3/4 | 1,092.86 | 3/4 | 832.61 | 3/4 | 571.60 | 3/4 | 310.17 | 3/4 | 49.33 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,610.18 | 3 | 1,348.86 | 3 | 1,087.41 | 3 | 827.20 | 3 | 566.15 | 3 | 304.72 | 3 | 43.99 | 3 | | 3 | | 3 | |
| 1/4 | 1,604.74 | 1/4 | 1,343.42 | 1/4 | 1,081.97 | 1/4 | 821.79 | 1/4 | 560.70 | 1/4 | 299.27 | 1/4 | 38.66 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,599.30 | 1/2 | 1,337.97 | 1/2 | 1,076.52 | 1/2 | 816.37 | 1/2 | 555.26 | 1/2 | 293.83 | 1/2 | 33.32 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,593.85 | 3/4 | 1,332.52 | 3/4 | 1,071.07 | 3/4 | 810.97 | 3/4 | 549.81 | 3/4 | 288.38 | 3/4 | 28.79 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,588.41 | 4 | 1,327.08 | 4 | 1,065.63 | 4 | 805.56 | 4 | 544.36 | 4 | 282.93 | 4 | 24.26 | 4 | | 4 | | 4 | |
| 1/4 | 1,582.97 | 1/4 | 1,321.63 | 1/4 | 1,060.18 | 1/4 | 800.16 | 1/4 | 538.92 | 1/4 | 277.49 | 1/4 | 19.73 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,577.52 | 1/2 | 1,316.18 | 1/2 | 1,054.73 | 1/2 | 794.75 | 1/2 | 533.47 | 1/2 | 272.04 | 1/2 | 15.20 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,572.08 | 3/4 | 1,310.74 | 3/4 | 1,049.28 | 3/4 | 789.31 | 3/4 | 528.03 | 3/4 | 266.59 | 3/4 | 12.48 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,566.63 | 5 | 1,305.29 | 5 | 1,043.84 | 5 | 783.87 | 5 | 522.58 | 5 | 261.15 | 5 | 9.75 | 5 | | 5 | | 5 | |
| 1/4 | 1,561.19 | 1/4 | 1,299.84 | 1/4 | 1,038.39 | 1/4 | 778.43 | 1/4 | 517.13 | 1/4 | 255.70 | 1/4 | 7.03 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,555.75 | 1/2 | 1,294.39 | 1/2 | 1,032.94 | 1/2 | 772.99 | 1/2 | 511.69 | 1/2 | 250.25 | 1/2 | 4.31 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,550.30 | 3/4 | 1,288.95 | 3/4 | 1,027.50 | 3/4 | 767.55 | 3/4 | 506.24 | 3/4 | 244.81 | 3/4 | 3.40 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,544.86 | 6 | 1,283.50 | 6 | 1,022.05 | 6 | 762.10 | 6 | 500.79 | 6 | 239.36 | 6 | 2.49 | 6 | | 6 | | 6 | |
| 1/4 | 1,539.42 | 1/4 | 1,278.05 | 1/4 | 1,016.60 | 1/4 | 756.66 | 1/4 | 495.35 | 1/4 | 233.91 | 1/4 | 1.59 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,533.97 | 1/2 | 1,272.61 | 1/2 | 1,011.16 | 1/2 | 751.22 | 1/2 | 489.90 | 1/2 | 228.47 | 1/2 | 0.68 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,528.53 | 3/4 | 1,267.16 | 3/4 | 1,005.75 | 3/4 | 745.78 | 3/4 | 484.45 | 3/4 | 223.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,523.09 | 7 | 1,261.71 | 7 | 1,000.33 | 7 | 740.34 | 7 | 479.01 | 7 | 217.57 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,517.64 | 1/4 | 1,256.27 | 1/4 | 994.92 | 1/4 | 734.90 | 1/4 | 473.56 | 1/4 | 212.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,512.20 | 1/2 | 1,250.82 | 1/2 | 989.51 | 1/2 | 729.45 | 1/2 | 468.11 | 1/2 | 206.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,506.76 | 3/4 | 1,245.37 | 3/4 | 984.10 | 3/4 | 724.01 | 3/4 | 462.67 | 3/4 | 201.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,501.31 | 8 | 1,239.93 | 8 | 978.69 | 8 | 718.57 | 8 | 457.22 | 8 | 195.79 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,495.87 | 1/4 | 1,234.48 | 1/4 | 973.28 | 1/4 | 713.13 | 1/4 | 451.77 | 1/4 | 190.34 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,490.43 | 1/2 | 1,229.03 | 1/2 | 967.87 | 1/2 | 707.69 | 1/2 | 446.33 | 1/2 | 184.90 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,484.98 | 3/4 | 1,223.59 | 3/4 | 962.46 | 3/4 | 702.25 | 3/4 | 440.88 | 3/4 | 179.45 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,479.54 | 9 | 1,218.14 | 9 | 957.05 | 9 | 696.81 | 9 | 435.43 | 9 | 174.00 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,474.10 | 1/4 | 1,212.69 | 1/4 | 951.64 | 1/4 | 691.36 | 1/4 | 429.99 | 1/4 | 168.56 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,468.65 | 1/2 | 1,207.24 | 1/2 | 946.23 | 1/2 | 685.92 | 1/2 | 424.54 | 1/2 | 163.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,463.21 | 3/4 | 1,201.80 | 3/4 | 940.82 | 3/4 | 680.48 | 3/4 | 419.10 | 3/4 | 157.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,457.77 | 10 | 1,196.35 | 10 | 935.41 | 10 | 675.04 | 10 | 413.65 | 10 | 152.22 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,452.32 | 1/4 | 1,190.90 | 1/4 | 930.00 | 1/4 | 669.60 | 1/4 | 408.20 | 1/4 | 146.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,446.88 | 1/2 | 1,185.46 | 1/2 | 924.59 | 1/2 | 664.16 | 1/2 | 402.76 | 1/2 | 141.33 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,441.44 | 3/4 | 1,180.01 | 3/4 | 919.18 | 3/4 | 658.72 | 3/4 | 397.31 | 3/4 | 135.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,435.99 | 11 | 1,174.56 | 11 | 913.77 | 11 | 653.28 | 11 | 391.86 | 11 | 130.44 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,430.55 | 1/4 | 1,169.12 | 1/4 | 908.35 | 1/4 | 647.84 | 1/4 | 386.42 | 1/4 | 125.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,425.11 | 1/2 | 1,163.67 | 1/2 | 902.94 | 1/2 | 642.40 | 1/2 | 380.97 | 1/2 | 119.56 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,419.66 | 3/4 | 1,158.22 | 3/4 | 897.53 | 3/4 | 636.95 | 3/4 | 375.52 | 3/4 | 114.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/03/2013 CL - SW
CALCULATED: 05/04/2013 CL
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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