



BARGE "KIRBY 10100"

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 | 00-1/2 | - 00-1/2 | 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"

March 5, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10100"

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 | 3,557.42 | 0 | 3,304.28 | 0 | 3,051.14 | 0 | 2,792.32 | 0 | 2,496.46 | 0 | 2,199.90 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,552.14 | 1/4 | 3,299.01 | 1/4 | 3,045.87 | 1/4 | 2,786.16 | 1/4 | 2,490.28 | 1/4 | 2,193.72 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,767.90 | 1/2 | 3,546.87 | 1/2 | 3,293.73 | 1/2 | 3,040.60 | 1/2 | 2,780.00 | 1/2 | 2,484.11 | 1/2 | 2,187.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,766.87 | 3/4 | 3,541.60 | 3/4 | 3,288.46 | 3/4 | 3,035.32 | 3/4 | 2,773.84 | 3/4 | 2,477.93 | 3/4 | 2,181.36 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,536.84 | 1 | 3,283.19 | 1 | 3,030.05 | 1 | 2,767.68 | 1 | 2,471.75 | 1 | 2,175.18 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,764.80 | 1/4 | 3,531.05 | 1/4 | 3,277.91 | 1/4 | 3,024.77 | 1/4 | 2,761.52 | 1/4 | 2,465.57 | 1/4 | 2,169.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,763.77 | 1/2 | 3,525.78 | 1/2 | 3,272.64 | 1/2 | 3,019.50 | 1/2 | 2,755.37 | 1/2 | 2,459.39 | 1/2 | 2,162.82 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,760.67 | 3/4 | 3,520.50 | 3/4 | 3,267.36 | 3/4 | 3,014.23 | 3/4 | 2,749.21 | 3/4 | 2,453.21 | 3/4 | 2,156.65 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,757.57 | 2 | 3,515.23 | 2 | 3,262.09 | 2 | 3,008.95 | 2 | 2,743.05 | 2 | 2,447.04 | 2 | 2,150.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,754.46 | 1/4 | 3,509.95 | 1/4 | 3,256.82 | 1/4 | 3,003.68 | 1/4 | 2,736.89 | 1/4 | 2,440.86 | 1/4 | 2,144.29 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,751.36 | 1/2 | 3,504.68 | 1/2 | 3,251.54 | 1/2 | 2,998.41 | 1/2 | 2,730.73 | 1/2 | 2,434.68 | 1/2 | 2,138.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,747.21 | 3/4 | 3,499.41 | 3/4 | 3,246.27 | 3/4 | 2,993.13 | 3/4 | 2,724.57 | 3/4 | 2,428.50 | 3/4 | 2,131.93 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,743.06 | 3 | 3,494.13 | 3 | 3,241.00 | 3 | 2,987.86 | 3 | 2,718.41 | 3 | 2,422.32 | 3 | 2,125.75 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,738.90 | 1/4 | 3,488.86 | 1/4 | 3,235.72 | 1/4 | 2,982.58 | 1/4 | 2,712.25 | 1/4 | 2,416.14 | 1/4 | 2,119.57 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,734.75 | 1/2 | 3,483.59 | 1/2 | 3,230.45 | 1/2 | 2,977.31 | 1/2 | 2,706.09 | 1/2 | 2,409.96 | 1/2 | 2,113.40 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,729.61 | 3/4 | 3,478.31 | 3/4 | 3,225.17 | 3/4 | 2,972.04 | 3/4 | 2,699.93 | 3/4 | 2,403.79 | 3/4 | 2,107.22 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,724.47 | 4 | 3,473.04 | 4 | 3,219.90 | 4 | 2,966.76 | 4 | 2,693.77 | 4 | 2,397.61 | 4 | 2,101.04 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,719.33 | 1/4 | 3,467.77 | 1/4 | 3,214.63 | 1/4 | 2,961.49 | 1/4 | 2,687.61 | 1/4 | 2,391.43 | 1/4 | 2,094.86 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,714.19 | 1/2 | 3,462.49 | 1/2 | 3,209.35 | 1/2 | 2,956.22 | 1/2 | 2,681.45 | 1/2 | 2,385.25 | 1/2 | 2,088.68 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,709.02 | 3/4 | 3,457.22 | 3/4 | 3,204.08 | 3/4 | 2,950.94 | 3/4 | 2,675.29 | 3/4 | 2,379.07 | 3/4 | 2,082.50 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,703.84 | 5 | 3,451.94 | 5 | 3,198.81 | 5 | 2,945.67 | 5 | 2,669.13 | 5 | 2,372.89 | 5 | 2,076.33 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,698.67 | 1/4 | 3,446.67 | 1/4 | 3,193.53 | 1/4 | 2,940.40 | 1/4 | 2,662.97 | 1/4 | 2,366.71 | 1/4 | 2,070.15 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,693.49 | 1/2 | 3,441.40 | 1/2 | 3,188.26 | 1/2 | 2,935.12 | 1/2 | 2,656.81 | 1/2 | 2,360.54 | 1/2 | 2,063.97 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,688.30 | 3/4 | 3,436.12 | 3/4 | 3,182.99 | 3/4 | 2,929.85 | 3/4 | 2,650.65 | 3/4 | 2,354.36 | 3/4 | 2,057.79 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,683.11 | 6 | 3,430.85 | 6 | 3,177.71 | 6 | 2,924.57 | 6 | 2,644.49 | 6 | 2,348.18 | 6 | 2,051.61 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,677.93 | 1/4 | 3,425.58 | 1/4 | 3,172.44 | 1/4 | 2,919.30 | 1/4 | 2,638.33 | 1/4 | 2,342.00 | 1/4 | 2,045.43 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,672.74 | 1/2 | 3,420.30 | 1/2 | 3,167.16 | 1/2 | 2,914.03 | 1/2 | 2,632.17 | 1/2 | 2,335.82 | 1/2 | 2,039.25 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,667.55 | 3/4 | 3,415.03 | 3/4 | 3,161.89 | 3/4 | 2,908.75 | 3/4 | 2,626.01 | 3/4 | 2,329.64 | 3/4 | 2,033.08 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,662.36 | 7 | 3,409.75 | 7 | 3,156.62 | 7 | 2,903.48 | 7 | 2,619.85 | 7 | 2,323.47 | 7 | 2,026.90 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,657.18 | 1/4 | 3,404.48 | 1/4 | 3,151.34 | 1/4 | 2,898.21 | 1/4 | 2,613.69 | 1/4 | 2,317.29 | 1/4 | 2,020.72 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,651.99 | 1/2 | 3,399.21 | 1/2 | 3,146.07 | 1/2 | 2,892.93 | 1/2 | 2,607.53 | 1/2 | 2,311.11 | 1/2 | 2,014.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,646.81 | 3/4 | 3,393.93 | 3/4 | 3,140.80 | 3/4 | 2,887.66 | 3/4 | 2,601.37 | 3/4 | 2,304.93 | 3/4 | 2,008.36 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,641.62 | 8 | 3,388.66 | 8 | 3,135.52 | 8 | 2,882.38 | 8 | 2,595.21 | 8 | 2,298.75 | 8 | 2,002.18 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,636.44 | 1/4 | 3,383.39 | 1/4 | 3,130.25 | 1/4 | 2,877.11 | 1/4 | 2,589.05 | 1/4 | 2,292.57 | 1/4 | 1,996.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,631.25 | 1/2 | 3,378.11 | 1/2 | 3,124.97 | 1/2 | 2,871.84 | 1/2 | 2,582.89 | 1/2 | 2,286.39 | 1/2 | 1,989.83 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,625.98 | 3/4 | 3,372.84 | 3/4 | 3,119.70 | 3/4 | 2,866.54 | 3/4 | 2,576.73 | 3/4 | 2,280.22 | 3/4 | 1,983.65 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,620.70 | 9 | 3,367.56 | 9 | 3,114.43 | 9 | 2,861.24 | 9 | 2,570.57 | 9 | 2,274.04 | 9 | 1,977.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,615.43 | 1/4 | 3,362.29 | 1/4 | 3,109.15 | 1/4 | 2,855.94 | 1/4 | 2,564.41 | 1/4 | 2,267.86 | 1/4 | 1,971.29 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,610.16 | 1/2 | 3,357.02 | 1/2 | 3,103.88 | 1/2 | 2,850.64 | 1/2 | 2,558.25 | 1/2 | 2,261.68 | 1/2 | 1,965.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,604.88 | 3/4 | 3,351.74 | 3/4 | 3,098.61 | 3/4 | 2,845.34 | 3/4 | 2,552.07 | 3/4 | 2,255.50 | 3/4 | 1,958.93 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,599.61 | 10 | 3,346.47 | 10 | 3,093.33 | 10 | 2,840.05 | 10 | 2,545.89 | 10 | 2,249.32 | 10 | 1,952.76 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,594.33 | 1/4 | 3,341.20 | 1/4 | 3,088.06 | 1/4 | 2,834.75 | 1/4 | 2,539.71 | 1/4 | 2,243.14 | 1/4 | 1,946.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,589.06 | 1/2 | 3,335.92 | 1/2 | 3,082.79 | 1/2 | 2,829.45 | 1/2 | 2,533.53 | 1/2 | 2,236.97 | 1/2 | 1,940.40 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,583.79 | 3/4 | 3,330.65 | 3/4 | 3,077.51 | 3/4 | 2,823.25 | 3/4 | 2,527.36 | 3/4 | 2,230.79 | 3/4 | 1,934.22 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,578.51 | 11 | 3,325.38 | 11 | 3,072.24 | 11 | 2,817.05 | 11 | 2,521.18 | 11 | 2,224.61 | 11 | 1,928.04 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,573.24 | 1/4 | 3,320.10 | 1/4 | 3,066.96 | 1/4 | 2,810.85 | 1/4 | 2,515.00 | 1/4 | 2,218.43 | 1/4 | 1,921.86 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,567.97 | 1/2 | 3,314.83 | 1/2 | 3,061.69 | 1/2 | 2,804.64 | 1/2 | 2,508.82 | 1/2 | 2,212.25 | 1/2 | 1,915.68 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,562.69 | 3/4 | 3,309.55 | 3/4 | 3,056.42 | 3/4 | 2,798.48 | 3/4 | 2,502.64 | 3/4 | 2,206.07 | 3/4 | 1,909.51 |

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.

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 10100"

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 | 1,903.33 | 0 | 1,606.54 | 0 | 1,309.56 | 0 | 1,012.58 | 0 | 721.44 | 0 | 424.53 | 0 | 127.34 | 0 | | 0 | | 0 | |
| 1/4 | 1,897.15 | 1/4 | 1,600.35 | 1/4 | 1,303.37 | 1/4 | 1,006.39 | 1/4 | 715.35 | 1/4 | 418.34 | 1/4 | 121.16 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,890.97 | 1/2 | 1,594.17 | 1/2 | 1,297.19 | 1/2 | 1,000.21 | 1/2 | 709.26 | 1/2 | 412.15 | 1/2 | 114.97 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,884.79 | 3/4 | 1,587.98 | 3/4 | 1,291.00 | 3/4 | 994.02 | 3/4 | 703.09 | 3/4 | 405.96 | 3/4 | 108.81 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 1 | 1,878.61 | 1 | 1,581.79 | 1 | 1,284.81 | 1 | 987.83 | 1 | 696.91 | 1 | 399.77 | 1 | 102.65 | 1 | 1 | 1 | | 1 | |
| 1/4 | 1,872.43 | 1/4 | 1,575.61 | 1/4 | 1,278.63 | 1/4 | 981.64 | 1/4 | 690.74 | 1/4 | 393.58 | 1/4 | 96.48 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,866.26 | 1/2 | 1,569.42 | 1/2 | 1,272.44 | 1/2 | 975.46 | 1/2 | 684.57 | 1/2 | 387.39 | 1/2 | 90.32 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,860.08 | 3/4 | 1,563.23 | 3/4 | 1,266.25 | 3/4 | 969.33 | 3/4 | 678.38 | 3/4 | 381.19 | 3/4 | 84.19 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 2 | 1,853.90 | 2 | 1,557.05 | 2 | 1,260.06 | 2 | 963.21 | 2 | 672.19 | 2 | 375.00 | 2 | 78.06 | 2 | 2 | 2 | | 2 | |
| 1/4 | 1,847.72 | 1/4 | 1,550.86 | 1/4 | 1,253.88 | 1/4 | 957.09 | 1/4 | 666.00 | 1/4 | 368.81 | 1/4 | 71.92 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,841.54 | 1/2 | 1,544.67 | 1/2 | 1,247.69 | 1/2 | 950.96 | 1/2 | 659.80 | 1/2 | 362.62 | 1/2 | 65.79 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,835.36 | 3/4 | 1,538.48 | 3/4 | 1,241.50 | 3/4 | 944.90 | 3/4 | 653.61 | 3/4 | 356.43 | 3/4 | 59.72 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 3 | 1,829.19 | 3 | 1,532.30 | 3 | 1,235.32 | 3 | 938.84 | 3 | 647.42 | 3 | 350.24 | 3 | 53.64 | 3 | 3 | 3 | | 3 | |
| 1/4 | 1,823.01 | 1/4 | 1,526.11 | 1/4 | 1,229.13 | 1/4 | 932.78 | 1/4 | 641.23 | 1/4 | 344.05 | 1/4 | 47.57 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,816.83 | 1/2 | 1,519.92 | 1/2 | 1,222.94 | 1/2 | 926.72 | 1/2 | 635.04 | 1/2 | 337.86 | 1/2 | 41.49 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,810.64 | 3/4 | 1,513.74 | 3/4 | 1,216.75 | 3/4 | 920.66 | 3/4 | 628.85 | 3/4 | 331.66 | 3/4 | 36.33 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 4 | 1,804.45 | 4 | 1,507.55 | 4 | 1,210.57 | 4 | 914.60 | 4 | 622.66 | 4 | 325.47 | 4 | 31.17 | 4 | 4 | 4 | | 4 | |
| 1/4 | 1,798.27 | 1/4 | 1,501.36 | 1/4 | 1,204.38 | 1/4 | 908.54 | 1/4 | 616.47 | 1/4 | 319.28 | 1/4 | 26.01 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,792.08 | 1/2 | 1,495.17 | 1/2 | 1,198.19 | 1/2 | 902.48 | 1/2 | 610.28 | 1/2 | 313.09 | 1/2 | 20.85 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,785.89 | 3/4 | 1,488.99 | 3/4 | 1,192.01 | 3/4 | 896.43 | 3/4 | 604.09 | 3/4 | 306.90 | 3/4 | 17.75 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 5 | 1,779.71 | 5 | 1,482.80 | 5 | 1,185.82 | 5 | 890.39 | 5 | 597.89 | 5 | 300.71 | 5 | 14.65 | 5 | 5 | 5 | | 5 | |
| 1/4 | 1,773.52 | 1/4 | 1,476.61 | 1/4 | 1,179.63 | 1/4 | 884.34 | 1/4 | 591.70 | 1/4 | 294.52 | 1/4 | 11.55 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,767.33 | 1/2 | 1,470.43 | 1/2 | 1,173.45 | 1/2 | 878.30 | 1/2 | 585.51 | 1/2 | 288.32 | 1/2 | 8.45 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,761.15 | 3/4 | 1,464.24 | 3/4 | 1,167.26 | 3/4 | 872.27 | 3/4 | 579.32 | 3/4 | 282.13 | 3/4 | 7.41 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 6 | 1,754.96 | 6 | 1,458.05 | 6 | 1,161.07 | 6 | 866.24 | 6 | 573.13 | 6 | 275.94 | 6 | 6.38 | 6 | 6 | 6 | | 6 | |
| 1/4 | 1,748.77 | 1/4 | 1,451.86 | 1/4 | 1,154.88 | 1/4 | 860.21 | 1/4 | 566.94 | 1/4 | 269.75 | 1/4 | 5.35 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,742.59 | 1/2 | 1,445.68 | 1/2 | 1,148.70 | 1/2 | 854.19 | 1/2 | 560.75 | 1/2 | 263.56 | 1/2 | 4.31 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,736.40 | 3/4 | 1,439.49 | 3/4 | 1,142.51 | 3/4 | 848.16 | 3/4 | 554.55 | 3/4 | 257.37 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 7 | 1,730.21 | 7 | 1,433.30 | 7 | 1,136.32 | 7 | 842.13 | 7 | 548.36 | 7 | 251.18 | 7 | | 7 | 7 | 7 | | 7 | |
| 1/4 | 1,724.03 | 1/4 | 1,427.12 | 1/4 | 1,130.14 | 1/4 | 836.10 | 1/4 | 542.17 | 1/4 | 244.98 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,717.84 | 1/2 | 1,420.93 | 1/2 | 1,123.95 | 1/2 | 830.07 | 1/2 | 535.98 | 1/2 | 238.79 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,711.66 | 3/4 | 1,414.74 | 3/4 | 1,117.76 | 3/4 | 824.05 | 3/4 | 529.79 | 3/4 | 232.60 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 8 | 1,705.48 | 8 | 1,408.55 | 8 | 1,111.57 | 8 | 818.02 | 8 | 523.60 | 8 | 226.41 | 8 | | 8 | 8 | 8 | | 8 | |
| 1/4 | 1,699.29 | 1/4 | 1,402.37 | 1/4 | 1,105.39 | 1/4 | 811.99 | 1/4 | 517.41 | 1/4 | 220.22 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,693.11 | 1/2 | 1,396.18 | 1/2 | 1,099.20 | 1/2 | 805.96 | 1/2 | 511.21 | 1/2 | 214.03 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,686.92 | 3/4 | 1,389.99 | 3/4 | 1,093.01 | 3/4 | 799.93 | 3/4 | 505.02 | 3/4 | 207.84 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 9 | 1,680.74 | 9 | 1,383.81 | 9 | 1,086.83 | 9 | 793.91 | 9 | 498.83 | 9 | 201.64 | 9 | | 9 | 9 | 9 | | 9 | |
| 1/4 | 1,674.56 | 1/4 | 1,377.62 | 1/4 | 1,080.64 | 1/4 | 787.88 | 1/4 | 492.64 | 1/4 | 195.45 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,668.37 | 1/2 | 1,371.43 | 1/2 | 1,074.45 | 1/2 | 781.85 | 1/2 | 486.45 | 1/2 | 189.26 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,662.19 | 3/4 | 1,365.25 | 3/4 | 1,068.26 | 3/4 | 775.82 | 3/4 | 480.26 | 3/4 | 183.07 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 10 | 1,656.01 | 10 | 1,359.06 | 10 | 1,062.08 | 10 | 769.79 | 10 | 474.07 | 10 | 176.88 | 10 | | 10 | 10 | 10 | | 10 | |
| 1/4 | 1,649.82 | 1/4 | 1,352.87 | 1/4 | 1,055.89 | 1/4 | 763.77 | 1/4 | 467.87 | 1/4 | 170.69 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,643.64 | 1/2 | 1,346.68 | 1/2 | 1,049.70 | 1/2 | 757.74 | 1/2 | 461.68 | 1/2 | 164.50 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,637.45 | 3/4 | 1,340.50 | 3/4 | 1,043.52 | 3/4 | 751.71 | 3/4 | 455.49 | 3/4 | 158.30 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 11 | 1,631.27 | 11 | 1,334.31 | 11 | 1,037.33 | 11 | 745.68 | 11 | 449.30 | 11 | 152.11 | 11 | | 11 | 11 | 11 | | 11 | |
| 1/4 | 1,625.09 | 1/4 | 1,328.12 | 1/4 | 1,031.14 | 1/4 | 739.65 | 1/4 | 443.11 | 1/4 | 145.91 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,618.90 | 1/2 | 1,321.94 | 1/2 | 1,024.95 | 1/2 | 733.63 | 1/2 | 436.92 | 1/2 | 139.71 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,612.72 | 3/4 | 1,315.75 | 3/4 | 1,018.77 | 3/4 | 727.53 | 3/4 | 430.73 | 3/4 | 133.53 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "KIRBY 10100"

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 | 3,260.80 | 0 | 2,998.85 | 0 | 2,736.90 | 0 | 2,474.54 | 0 | 2,211.18 | 0 | 1,947.82 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,255.34 | 1/4 | 2,993.39 | 1/4 | 2,731.44 | 1/4 | 2,469.05 | 1/4 | 2,205.69 | 1/4 | 1,942.34 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,476.60 | 1/2 | 3,249.88 | 1/2 | 2,987.93 | 1/2 | 2,725.98 | 1/2 | 2,463.56 | 1/2 | 2,200.21 | 1/2 | 1,936.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,475.68 | 3/4 | 3,244.43 | 3/4 | 2,982.48 | 3/4 | 2,720.53 | 3/4 | 2,458.08 | 3/4 | 2,194.72 | 3/4 | 1,931.36 |
| 1 | | 1 | | 1 | | 1 | 3,474.77 | 1 | 3,238.97 | 1 | 2,977.02 | 1 | 2,715.07 | 1 | 2,452.59 | 1 | 2,189.23 | 1 | 1,925.88 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,473.85 | 1/4 | 3,233.51 | 1/4 | 2,971.56 | 1/4 | 2,709.61 | 1/4 | 2,447.10 | 1/4 | 2,183.75 | 1/4 | 1,920.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,472.94 | 1/2 | 3,228.06 | 1/2 | 2,966.10 | 1/2 | 2,704.15 | 1/2 | 2,441.62 | 1/2 | 2,178.26 | 1/2 | 1,914.90 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,470.19 | 3/4 | 3,222.60 | 3/4 | 2,960.65 | 3/4 | 2,698.70 | 3/4 | 2,436.13 | 3/4 | 2,172.77 | 3/4 | 1,909.42 |
| 2 | | 2 | | 2 | | 2 | 3,467.45 | 2 | 3,217.14 | 2 | 2,955.19 | 2 | 2,693.24 | 2 | 2,430.64 | 2 | 2,167.29 | 2 | 1,903.93 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,464.70 | 1/4 | 3,211.68 | 1/4 | 2,949.73 | 1/4 | 2,687.78 | 1/4 | 2,425.16 | 1/4 | 2,161.80 | 1/4 | 1,898.44 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,461.96 | 1/2 | 3,206.23 | 1/2 | 2,944.28 | 1/2 | 2,682.33 | 1/2 | 2,419.67 | 1/2 | 2,156.31 | 1/2 | 1,892.96 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,457.51 | 3/4 | 3,200.77 | 3/4 | 2,938.82 | 3/4 | 2,676.87 | 3/4 | 2,414.19 | 3/4 | 2,150.83 | 3/4 | 1,887.47 |
| 3 | | 3 | | 3 | | 3 | 3,453.07 | 3 | 3,195.31 | 3 | 2,933.36 | 3 | 2,671.41 | 3 | 2,408.70 | 3 | 2,145.34 | 3 | 1,881.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,448.62 | 1/4 | 3,189.85 | 1/4 | 2,927.90 | 1/4 | 2,665.95 | 1/4 | 2,403.21 | 1/4 | 2,139.86 | 1/4 | 1,876.50 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,444.18 | 1/2 | 3,184.40 | 1/2 | 2,922.45 | 1/2 | 2,660.50 | 1/2 | 2,397.73 | 1/2 | 2,134.37 | 1/2 | 1,871.01 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,438.86 | 3/4 | 3,178.94 | 3/4 | 2,916.99 | 3/4 | 2,655.04 | 3/4 | 2,392.24 | 3/4 | 2,128.88 | 3/4 | 1,865.53 |
| 4 | | 4 | | 4 | | 4 | 3,433.54 | 4 | 3,173.48 | 4 | 2,911.53 | 4 | 2,649.58 | 4 | 2,386.75 | 4 | 2,123.40 | 4 | 1,860.04 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,428.22 | 1/4 | 3,168.03 | 1/4 | 2,906.07 | 1/4 | 2,644.12 | 1/4 | 2,381.27 | 1/4 | 2,117.91 | 1/4 | 1,854.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,422.91 | 1/2 | 3,162.57 | 1/2 | 2,900.62 | 1/2 | 2,638.67 | 1/2 | 2,375.78 | 1/2 | 2,112.42 | 1/2 | 1,849.07 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,417.56 | 3/4 | 3,157.11 | 3/4 | 2,895.16 | 3/4 | 2,633.21 | 3/4 | 2,370.29 | 3/4 | 2,106.94 | 3/4 | 1,843.58 |
| 5 | | 5 | | 5 | | 5 | 3,412.21 | 5 | 3,151.65 | 5 | 2,889.70 | 5 | 2,627.75 | 5 | 2,364.81 | 5 | 2,101.45 | 5 | 1,838.09 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,406.86 | 1/4 | 3,146.20 | 1/4 | 2,884.25 | 1/4 | 2,622.29 | 1/4 | 2,359.32 | 1/4 | 2,095.96 | 1/4 | 1,832.61 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,401.51 | 1/2 | 3,140.74 | 1/2 | 2,878.79 | 1/2 | 2,616.84 | 1/2 | 2,353.83 | 1/2 | 2,090.48 | 1/2 | 1,827.12 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,396.15 | 3/4 | 3,135.28 | 3/4 | 2,873.33 | 3/4 | 2,611.38 | 3/4 | 2,348.35 | 3/4 | 2,084.99 | 3/4 | 1,821.63 |
| 6 | | 6 | | 6 | | 6 | 3,390.79 | 6 | 3,129.82 | 6 | 2,867.87 | 6 | 2,605.92 | 6 | 2,342.86 | 6 | 2,079.50 | 6 | 1,816.15 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,385.43 | 1/4 | 3,124.37 | 1/4 | 2,862.42 | 1/4 | 2,600.47 | 1/4 | 2,337.37 | 1/4 | 2,074.02 | 1/4 | 1,810.66 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,380.07 | 1/2 | 3,118.91 | 1/2 | 2,856.96 | 1/2 | 2,595.01 | 1/2 | 2,331.89 | 1/2 | 2,068.53 | 1/2 | 1,805.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,374.71 | 3/4 | 3,113.45 | 3/4 | 2,851.50 | 3/4 | 2,589.55 | 3/4 | 2,326.40 | 3/4 | 2,063.04 | 3/4 | 1,799.69 |
| 7 | | 7 | | 7 | | 7 | 3,369.35 | 7 | 3,107.99 | 7 | 2,846.04 | 7 | 2,584.09 | 7 | 2,320.91 | 7 | 2,057.56 | 7 | 1,794.20 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,363.99 | 1/4 | 3,102.54 | 1/4 | 2,840.59 | 1/4 | 2,578.64 | 1/4 | 2,315.43 | 1/4 | 2,052.07 | 1/4 | 1,788.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,358.63 | 1/2 | 3,097.08 | 1/2 | 2,835.13 | 1/2 | 2,573.18 | 1/2 | 2,309.94 | 1/2 | 2,046.58 | 1/2 | 1,783.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,353.28 | 3/4 | 3,091.62 | 3/4 | 2,829.67 | 3/4 | 2,567.72 | 3/4 | 2,304.45 | 3/4 | 2,041.10 | 3/4 | 1,777.74 |
| 8 | | 8 | | 8 | | 8 | 3,347.92 | 8 | 3,086.17 | 8 | 2,824.22 | 8 | 2,562.26 | 8 | 2,298.97 | 8 | 2,035.61 | 8 | 1,772.25 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,342.56 | 1/4 | 3,080.71 | 1/4 | 2,818.76 | 1/4 | 2,556.81 | 1/4 | 2,293.48 | 1/4 | 2,030.12 | 1/4 | 1,766.77 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,337.20 | 1/2 | 3,075.25 | 1/2 | 2,813.30 | 1/2 | 2,551.35 | 1/2 | 2,287.99 | 1/2 | 2,024.64 | 1/2 | 1,761.28 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,331.74 | 3/4 | 3,069.79 | 3/4 | 2,807.84 | 3/4 | 2,545.86 | 3/4 | 2,282.51 | 3/4 | 2,019.15 | 3/4 | 1,755.79 |
| 9 | | 9 | | 9 | | 9 | 3,326.29 | 9 | 3,064.34 | 9 | 2,802.39 | 9 | 2,540.38 | 9 | 2,277.02 | 9 | 2,013.66 | 9 | 1,750.31 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,320.83 | 1/4 | 3,058.88 | 1/4 | 2,796.93 | 1/4 | 2,534.89 | 1/4 | 2,271.53 | 1/4 | 2,008.18 | 1/4 | 1,744.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,315.37 | 1/2 | 3,053.42 | 1/2 | 2,791.47 | 1/2 | 2,529.40 | 1/2 | 2,266.05 | 1/2 | 2,002.69 | 1/2 | 1,739.33 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,309.91 | 3/4 | 3,047.96 | 3/4 | 2,786.01 | 3/4 | 2,523.92 | 3/4 | 2,260.56 | 3/4 | 1,997.20 | 3/4 | 1,733.85 |
| 10 | | 10 | | 10 | | 10 | 3,304.46 | 10 | 3,042.51 | 10 | 2,780.56 | 10 | 2,518.43 | 10 | 2,255.07 | 10 | 1,991.72 | 10 | 1,728.36 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,299.00 | 1/4 | 3,037.05 | 1/4 | 2,775.10 | 1/4 | 2,512.94 | 1/4 | 2,249.59 | 1/4 | 1,986.23 | 1/4 | 1,722.87 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,293.54 | 1/2 | 3,031.59 | 1/2 | 2,769.64 | 1/2 | 2,507.46 | 1/2 | 2,244.10 | 1/2 | 1,980.74 | 1/2 | 1,717.39 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,288.09 | 3/4 | 3,026.14 | 3/4 | 2,764.18 | 3/4 | 2,501.97 | 3/4 | 2,238.61 | 3/4 | 1,975.26 | 3/4 | 1,711.90 |
| 11 | | 11 | | 11 | | 11 | 3,282.63 | 11 | 3,020.68 | 11 | 2,758.73 | 11 | 2,496.48 | 11 | 2,233.13 | 11 | 1,969.77 | 11 | 1,706.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,277.17 | 1/4 | 3,015.22 | 1/4 | 2,753.27 | 1/4 | 2,491.00 | 1/4 | 2,227.64 | 1/4 | 1,964.28 | 1/4 | 1,700.93 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,271.71 | 1/2 | 3,009.76 | 1/2 | 2,747.81 | 1/2 | 2,485.51 | 1/2 | 2,222.15 | 1/2 | 1,958.80 | 1/2 | 1,695.44 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,266.26 | 3/4 | 3,004.31 | 3/4 | 2,742.36 | 3/4 | 2,480.02 | 3/4 | 2,216.67 | 3/4 | 1,953.31 | 3/4 | 1,689.95 |

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'-06" 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 10100"

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 | 1,684.47 | 0 | 1,421.11 | 0 | 1,157.60 | 0 | 895.77 | 0 | 636.42 | 0 | 373.00 | 0 | 109.56 | 0 | | 0 | | 0 | |
| 1/4 | 1,678.98 | 1/4 | 1,415.62 | 1/4 | 1,152.11 | 1/4 | 890.37 | 1/4 | 630.97 | 1/4 | 367.51 | 1/4 | 104.09 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,673.49 | 1/2 | 1,410.14 | 1/2 | 1,146.62 | 1/2 | 884.96 | 1/2 | 625.52 | 1/2 | 362.02 | 1/2 | 98.61 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,668.01 | 3/4 | 1,404.65 | 3/4 | 1,141.13 | 3/4 | 879.56 | 3/4 | 620.03 | 3/4 | 356.53 | 3/4 | 93.16 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 1 | 1,662.52 | 1 | 1,399.16 | 1 | 1,135.64 | 1 | 874.15 | 1 | 614.54 | 1 | 351.04 | 1 | 87.70 | 1 | 1 | 1 | | 1 | |
| 1/4 | 1,657.03 | 1/4 | 1,393.67 | 1/4 | 1,130.15 | 1/4 | 868.75 | 1/4 | 609.05 | 1/4 | 345.55 | 1/4 | 82.25 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,651.55 | 1/2 | 1,388.18 | 1/2 | 1,124.66 | 1/2 | 863.34 | 1/2 | 603.56 | 1/2 | 340.06 | 1/2 | 76.79 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,646.06 | 3/4 | 1,382.69 | 3/4 | 1,119.17 | 3/4 | 857.94 | 3/4 | 598.07 | 3/4 | 334.57 | 3/4 | 71.37 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 2 | 1,640.57 | 2 | 1,377.20 | 2 | 1,113.68 | 2 | 852.53 | 2 | 592.59 | 2 | 329.08 | 2 | 65.94 | 2 | 2 | 2 | | 2 | |
| 1/4 | 1,635.09 | 1/4 | 1,371.71 | 1/4 | 1,108.19 | 1/4 | 847.13 | 1/4 | 587.10 | 1/4 | 323.59 | 1/4 | 60.51 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,629.60 | 1/2 | 1,366.22 | 1/2 | 1,102.70 | 1/2 | 841.72 | 1/2 | 581.61 | 1/2 | 318.11 | 1/2 | 55.09 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,624.11 | 3/4 | 1,360.73 | 3/4 | 1,097.21 | 3/4 | 836.31 | 3/4 | 576.12 | 3/4 | 312.62 | 3/4 | 49.71 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 3 | 1,618.63 | 3 | 1,355.24 | 3 | 1,091.72 | 3 | 830.91 | 3 | 570.63 | 3 | 307.13 | 3 | 44.34 | 3 | 3 | 3 | | 3 | |
| 1/4 | 1,613.14 | 1/4 | 1,349.75 | 1/4 | 1,086.23 | 1/4 | 825.50 | 1/4 | 565.14 | 1/4 | 301.64 | 1/4 | 38.96 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,607.65 | 1/2 | 1,344.26 | 1/2 | 1,080.74 | 1/2 | 820.10 | 1/2 | 559.65 | 1/2 | 296.15 | 1/2 | 33.58 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,602.17 | 3/4 | 1,338.77 | 3/4 | 1,075.25 | 3/4 | 814.70 | 3/4 | 554.16 | 3/4 | 290.66 | 3/4 | 29.02 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 4 | 1,596.68 | 4 | 1,333.28 | 4 | 1,069.76 | 4 | 809.30 | 4 | 548.67 | 4 | 285.17 | 4 | 24.45 | 4 | 4 | 4 | | 4 | |
| 1/4 | 1,591.20 | 1/4 | 1,327.79 | 1/4 | 1,064.27 | 1/4 | 803.90 | 1/4 | 543.18 | 1/4 | 279.68 | 1/4 | 19.88 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,585.71 | 1/2 | 1,322.30 | 1/2 | 1,058.78 | 1/2 | 798.50 | 1/2 | 537.69 | 1/2 | 274.19 | 1/2 | 15.32 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,580.22 | 3/4 | 1,316.81 | 3/4 | 1,053.29 | 3/4 | 793.10 | 3/4 | 532.20 | 3/4 | 268.70 | 3/4 | 12.57 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 5 | 1,574.74 | 5 | 1,311.32 | 5 | 1,047.80 | 5 | 787.70 | 5 | 526.71 | 5 | 263.21 | 5 | 9.83 | 5 | 5 | 5 | | 5 | |
| 1/4 | 1,569.25 | 1/4 | 1,305.83 | 1/4 | 1,042.31 | 1/4 | 782.30 | 1/4 | 521.22 | 1/4 | 257.72 | 1/4 | 7.08 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,563.76 | 1/2 | 1,300.34 | 1/2 | 1,036.82 | 1/2 | 776.90 | 1/2 | 515.73 | 1/2 | 252.23 | 1/2 | 4.34 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,558.28 | 3/4 | 1,294.85 | 3/4 | 1,031.33 | 3/4 | 771.50 | 3/4 | 510.24 | 3/4 | 246.74 | 3/4 | 3.42 | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 6 | 1,552.79 | 6 | 1,289.36 | 6 | 1,025.84 | 6 | 766.10 | 6 | 504.75 | 6 | 241.25 | 6 | 2.51 | 6 | 6 | 6 | | 6 | |
| 1/4 | 1,547.30 | 1/4 | 1,283.87 | 1/4 | 1,020.35 | 1/4 | 760.70 | 1/4 | 499.26 | 1/4 | 235.76 | 1/4 | 1.59 | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,541.82 | 1/2 | 1,278.38 | 1/2 | 1,014.86 | 1/2 | 755.30 | 1/2 | 493.77 | 1/2 | 230.27 | 1/2 | 0.68 | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,536.33 | 3/4 | 1,272.89 | 3/4 | 1,009.41 | 3/4 | 749.90 | 3/4 | 488.28 | 3/4 | 224.78 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 7 | 1,530.84 | 7 | 1,267.40 | 7 | 1,003.96 | 7 | 744.50 | 7 | 482.79 | 7 | 219.29 | 7 | | 7 | 7 | 7 | | 7 | |
| 1/4 | 1,525.36 | 1/4 | 1,261.91 | 1/4 | 998.51 | 1/4 | 739.10 | 1/4 | 477.30 | 1/4 | 213.80 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,519.87 | 1/2 | 1,256.42 | 1/2 | 993.07 | 1/2 | 733.70 | 1/2 | 471.81 | 1/2 | 208.31 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,514.38 | 3/4 | 1,250.93 | 3/4 | 987.66 | 3/4 | 728.30 | 3/4 | 466.32 | 3/4 | 202.82 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 8 | 1,508.90 | 8 | 1,245.44 | 8 | 982.26 | 8 | 722.90 | 8 | 460.83 | 8 | 197.33 | 8 | | 8 | 8 | 8 | | 8 | |
| 1/4 | 1,503.41 | 1/4 | 1,239.95 | 1/4 | 976.85 | 1/4 | 717.50 | 1/4 | 455.35 | 1/4 | 191.84 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,497.92 | 1/2 | 1,234.46 | 1/2 | 971.44 | 1/2 | 712.10 | 1/2 | 449.86 | 1/2 | 186.35 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,492.44 | 3/4 | 1,228.97 | 3/4 | 966.04 | 3/4 | 706.70 | 3/4 | 444.37 | 3/4 | 180.87 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 9 | 1,486.95 | 9 | 1,223.48 | 9 | 960.63 | 9 | 701.30 | 9 | 438.88 | 9 | 175.38 | 9 | | 9 | 9 | 9 | | 9 | |
| 1/4 | 1,481.46 | 1/4 | 1,217.99 | 1/4 | 955.23 | 1/4 | 695.90 | 1/4 | 433.39 | 1/4 | 169.89 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,475.98 | 1/2 | 1,212.50 | 1/2 | 949.82 | 1/2 | 690.50 | 1/2 | 427.90 | 1/2 | 164.40 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,470.49 | 3/4 | 1,207.01 | 3/4 | 944.42 | 3/4 | 685.10 | 3/4 | 422.41 | 3/4 | 158.91 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 10 | 1,465.00 | 10 | 1,201.52 | 10 | 939.01 | 10 | 679.70 | 10 | 416.92 | 10 | 153.42 | 10 | | 10 | 10 | 10 | | 10 | |
| 1/4 | 1,459.52 | 1/4 | 1,196.03 | 1/4 | 933.61 | 1/4 | 674.30 | 1/4 | 411.43 | 1/4 | 147.93 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,454.03 | 1/2 | 1,190.54 | 1/2 | 928.20 | 1/2 | 668.90 | 1/2 | 405.94 | 1/2 | 142.44 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,448.54 | 3/4 | 1,185.05 | 3/4 | 922.80 | 3/4 | 663.51 | 3/4 | 400.45 | 3/4 | 136.96 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |
| 11 | 1,443.06 | 11 | 1,179.56 | 11 | 917.39 | 11 | 658.11 | 11 | 394.96 | 11 | 131.47 | 11 | | 11 | 11 | 11 | | 11 | |
| 1/4 | 1,437.57 | 1/4 | 1,174.07 | 1/4 | 911.99 | 1/4 | 652.71 | 1/4 | 389.47 | 1/4 | 125.99 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | |
| 1/2 | 1,432.08 | 1/2 | 1,168.58 | 1/2 | 906.58 | 1/2 | 647.31 | 1/2 | 383.98 | 1/2 | 120.50 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | |
| 3/4 | 1,426.60 | 3/4 | 1,163.09 | 3/4 | 901.18 | 3/4 | 641.86 | 3/4 | 378.49 | 3/4 | 115.03 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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



BARGE "KIRBY 10100"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

| 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 | 3,244.16 | 0 | 2,984.34 | 0 | 2,724.51 | 0 | 2,464.30 | 0 | 2,203.07 | 0 | 1,941.84 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,238.75 | 1/4 | 2,978.92 | 1/4 | 2,719.09 | 1/4 | 2,458.86 | 1/4 | 2,197.63 | 1/4 | 1,936.40 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,233.34 | 1/2 | 2,973.51 | 1/2 | 2,713.68 | 1/2 | 2,453.41 | 1/2 | 2,192.18 | 1/2 | 1,930.95 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,452.81 | 3/4 | 3,227.92 | 3/4 | 2,968.10 | 3/4 | 2,708.27 | 3/4 | 2,447.97 | 3/4 | 2,186.74 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,451.90 | 1 | 3,222.51 | 1 | 2,962.68 | 1 | 2,702.85 | 1 | 2,442.53 | 1 | 2,181.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,450.99 | 1/4 | 3,217.10 | 1/4 | 2,957.27 | 1/4 | 2,697.44 | 1/4 | 2,437.09 | 1/4 | 2,175.86 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,450.09 | 1/2 | 3,211.69 | 1/2 | 2,951.86 | 1/2 | 2,692.03 | 1/2 | 2,431.64 | 1/2 | 2,170.41 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,449.18 | 3/4 | 3,206.27 | 3/4 | 2,946.44 | 3/4 | 2,686.61 | 3/4 | 2,426.20 | 3/4 | 2,164.97 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,446.45 | 2 | 3,200.86 | 2 | 2,941.03 | 2 | 2,681.20 | 2 | 2,420.76 | 2 | 2,159.53 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,443.73 | 1/4 | 3,195.45 | 1/4 | 2,935.62 | 1/4 | 2,675.79 | 1/4 | 2,415.32 | 1/4 | 2,154.09 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,441.01 | 1/2 | 3,190.03 | 1/2 | 2,930.20 | 1/2 | 2,670.38 | 1/2 | 2,409.88 | 1/2 | 2,148.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,438.29 | 3/4 | 3,184.62 | 3/4 | 2,924.79 | 3/4 | 2,664.96 | 3/4 | 2,404.43 | 3/4 | 2,143.20 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,433.88 | 3 | 3,179.21 | 3 | 2,919.38 | 3 | 2,659.55 | 3 | 2,398.99 | 3 | 2,137.76 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,429.47 | 1/4 | 3,173.79 | 1/4 | 2,913.97 | 1/4 | 2,654.14 | 1/4 | 2,393.55 | 1/4 | 2,132.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,425.06 | 1/2 | 3,168.38 | 1/2 | 2,908.55 | 1/2 | 2,648.72 | 1/2 | 2,388.11 | 1/2 | 2,126.88 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,420.65 | 3/4 | 3,162.97 | 3/4 | 2,903.14 | 3/4 | 2,643.31 | 3/4 | 2,382.66 | 3/4 | 2,121.43 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,415.38 | 4 | 3,157.55 | 4 | 2,897.73 | 4 | 2,637.90 | 4 | 2,377.22 | 4 | 2,115.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,410.10 | 1/4 | 3,152.14 | 1/4 | 2,892.31 | 1/4 | 2,632.48 | 1/4 | 2,371.78 | 1/4 | 2,110.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,404.83 | 1/2 | 3,146.73 | 1/2 | 2,886.90 | 1/2 | 2,627.07 | 1/2 | 2,366.34 | 1/2 | 2,105.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,399.55 | 3/4 | 3,141.32 | 3/4 | 2,881.49 | 3/4 | 2,621.66 | 3/4 | 2,360.89 | 3/4 | 2,099.66 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,394.25 | 5 | 3,135.90 | 5 | 2,876.07 | 5 | 2,616.24 | 5 | 2,355.45 | 5 | 2,094.22 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,388.94 | 1/4 | 3,130.49 | 1/4 | 2,870.66 | 1/4 | 2,610.83 | 1/4 | 2,350.01 | 1/4 | 2,088.78 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,383.64 | 1/2 | 3,125.08 | 1/2 | 2,865.25 | 1/2 | 2,605.42 | 1/2 | 2,344.57 | 1/2 | 2,083.34 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,378.33 | 3/4 | 3,119.66 | 3/4 | 2,859.83 | 3/4 | 2,600.01 | 3/4 | 2,339.13 | 3/4 | 2,077.89 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,373.01 | 6 | 3,114.25 | 6 | 2,854.42 | 6 | 2,594.59 | 6 | 2,333.68 | 6 | 2,072.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,367.69 | 1/4 | 3,108.84 | 1/4 | 2,849.01 | 1/4 | 2,589.18 | 1/4 | 2,328.24 | 1/4 | 2,067.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,362.37 | 1/2 | 3,103.42 | 1/2 | 2,843.59 | 1/2 | 2,583.77 | 1/2 | 2,322.80 | 1/2 | 2,061.57 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,357.05 | 3/4 | 3,098.01 | 3/4 | 2,838.18 | 3/4 | 2,578.35 | 3/4 | 2,317.36 | 3/4 | 2,056.13 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,351.74 | 7 | 3,092.60 | 7 | 2,832.77 | 7 | 2,572.94 | 7 | 2,311.91 | 7 | 2,050.68 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,346.42 | 1/4 | 3,087.18 | 1/4 | 2,827.36 | 1/4 | 2,567.53 | 1/4 | 2,306.47 | 1/4 | 2,045.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,341.11 | 1/2 | 3,081.77 | 1/2 | 2,821.94 | 1/2 | 2,562.11 | 1/2 | 2,301.03 | 1/2 | 2,039.80 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,335.79 | 3/4 | 3,076.36 | 3/4 | 2,816.53 | 3/4 | 2,556.70 | 3/4 | 2,295.59 | 3/4 | 2,034.36 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,330.48 | 8 | 3,070.94 | 8 | 2,811.12 | 8 | 2,551.29 | 8 | 2,290.14 | 8 | 2,028.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,325.16 | 1/4 | 3,065.53 | 1/4 | 2,805.70 | 1/4 | 2,545.87 | 1/4 | 2,284.70 | 1/4 | 2,023.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,319.85 | 1/2 | 3,060.12 | 1/2 | 2,800.29 | 1/2 | 2,540.46 | 1/2 | 2,279.26 | 1/2 | 2,018.03 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,314.53 | 3/4 | 3,054.71 | 3/4 | 2,794.88 | 3/4 | 2,535.05 | 3/4 | 2,273.82 | 3/4 | 2,012.59 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,309.12 | 9 | 3,049.29 | 9 | 2,789.46 | 9 | 2,529.61 | 9 | 2,268.38 | 9 | 2,007.14 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,303.71 | 1/4 | 3,043.88 | 1/4 | 2,784.05 | 1/4 | 2,524.16 | 1/4 | 2,262.93 | 1/4 | 2,001.70 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,298.30 | 1/2 | 3,038.47 | 1/2 | 2,778.64 | 1/2 | 2,518.72 | 1/2 | 2,257.49 | 1/2 | 1,996.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,292.88 | 3/4 | 3,033.05 | 3/4 | 2,773.22 | 3/4 | 2,513.28 | 3/4 | 2,252.05 | 3/4 | 1,990.82 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,287.47 | 10 | 3,027.64 | 10 | 2,767.81 | 10 | 2,507.84 | 10 | 2,246.61 | 10 | 1,985.38 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,282.06 | 1/4 | 3,022.23 | 1/4 | 2,762.40 | 1/4 | 2,502.39 | 1/4 | 2,241.16 | 1/4 | 1,979.93 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,276.64 | 1/2 | 3,016.81 | 1/2 | 2,756.99 | 1/2 | 2,496.95 | 1/2 | 2,235.72 | 1/2 | 1,974.49 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,271.23 | 3/4 | 3,011.40 | 3/4 | 2,751.57 | 3/4 | 2,491.51 | 3/4 | 2,230.28 | 3/4 | 1,969.05 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,265.82 | 11 | 3,005.99 | 11 | 2,746.16 | 11 | 2,486.07 | 11 | 2,224.84 | 11 | 1,963.61 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,260.40 | 1/4 | 3,000.57 | 1/4 | 2,740.75 | 1/4 | 2,480.63 | 1/4 | 2,219.39 | 1/4 | 1,958.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,254.99 | 1/2 | 2,995.16 | 1/2 | 2,735.33 | 1/2 | 2,475.18 | 1/2 | 2,213.95 | 1/2 | 1,952.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,249.58 | 3/4 | 2,989.75 | 3/4 | 2,729.92 | 3/4 | 2,469.74 | 3/4 | 2,208.51 | 3/4 | 1,947.28 |

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'-06" 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 10100"

3 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 | 1,680.61 | 0 | 1,419.38 | 0 | 1,157.99 | 0 | 897.35 | 0 | 636.82 | 0 | 375.45 | 0 | 114.11 | 0 | | 0 | | 0 | |
| 1/4 | 1,675.16 | 1/4 | 1,413.93 | 1/4 | 1,152.54 | 1/4 | 891.94 | 1/4 | 631.38 | 1/4 | 370.00 | 1/4 | 108.68 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,669.72 | 1/2 | 1,408.49 | 1/2 | 1,147.10 | 1/2 | 886.53 | 1/2 | 625.93 | 1/2 | 364.56 | 1/2 | 103.25 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,664.28 | 3/4 | 1,403.05 | 3/4 | 1,141.65 | 3/4 | 881.12 | 3/4 | 620.49 | 3/4 | 359.11 | 3/4 | 97.82 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 1,658.84 | 1 | 1,397.60 | 1 | 1,136.21 | 1 | 875.71 | 1 | 615.04 | 1 | 353.67 | 1 | 92.41 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 1,653.40 | 1/4 | 1,392.16 | 1/4 | 1,130.76 | 1/4 | 870.31 | 1/4 | 609.60 | 1/4 | 348.22 | 1/4 | 87.00 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,647.95 | 1/2 | 1,386.71 | 1/2 | 1,125.31 | 1/2 | 864.90 | 1/2 | 604.15 | 1/2 | 342.78 | 1/2 | 81.59 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,642.51 | 3/4 | 1,381.27 | 3/4 | 1,119.87 | 3/4 | 859.49 | 3/4 | 598.71 | 3/4 | 337.33 | 3/4 | 76.18 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 1,637.07 | 2 | 1,375.82 | 2 | 1,114.42 | 2 | 854.08 | 2 | 593.26 | 2 | 331.88 | 2 | 70.80 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 1,631.63 | 1/4 | 1,370.37 | 1/4 | 1,108.98 | 1/4 | 848.67 | 1/4 | 587.82 | 1/4 | 326.44 | 1/4 | 65.41 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,626.18 | 1/2 | 1,364.93 | 1/2 | 1,103.53 | 1/2 | 843.26 | 1/2 | 582.37 | 1/2 | 320.99 | 1/2 | 60.03 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,620.74 | 3/4 | 1,359.48 | 3/4 | 1,098.08 | 3/4 | 837.85 | 3/4 | 576.93 | 3/4 | 315.55 | 3/4 | 54.65 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 1,615.30 | 3 | 1,354.04 | 3 | 1,092.64 | 3 | 832.44 | 3 | 571.48 | 3 | 310.10 | 3 | 49.32 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 1,609.86 | 1/4 | 1,348.59 | 1/4 | 1,087.19 | 1/4 | 827.03 | 1/4 | 566.04 | 1/4 | 304.66 | 1/4 | 43.98 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,604.41 | 1/2 | 1,343.15 | 1/2 | 1,081.75 | 1/2 | 821.62 | 1/2 | 560.59 | 1/2 | 299.21 | 1/2 | 38.65 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,598.97 | 3/4 | 1,337.70 | 3/4 | 1,076.30 | 3/4 | 816.21 | 3/4 | 555.15 | 3/4 | 293.77 | 3/4 | 33.32 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 1,593.53 | 4 | 1,332.25 | 4 | 1,070.86 | 4 | 810.81 | 4 | 549.70 | 4 | 288.32 | 4 | 28.79 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 1,588.09 | 1/4 | 1,326.81 | 1/4 | 1,065.41 | 1/4 | 805.40 | 1/4 | 544.25 | 1/4 | 282.88 | 1/4 | 24.26 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,582.65 | 1/2 | 1,321.36 | 1/2 | 1,059.96 | 1/2 | 800.00 | 1/2 | 538.81 | 1/2 | 277.43 | 1/2 | 19.73 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,577.20 | 3/4 | 1,315.92 | 3/4 | 1,054.52 | 3/4 | 794.59 | 3/4 | 533.36 | 3/4 | 271.98 | 3/4 | 15.20 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 1,571.76 | 5 | 1,310.47 | 5 | 1,049.07 | 5 | 789.15 | 5 | 527.92 | 5 | 266.54 | 5 | 12.47 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 1,566.32 | 1/4 | 1,305.03 | 1/4 | 1,043.63 | 1/4 | 783.71 | 1/4 | 522.47 | 1/4 | 261.09 | 1/4 | 9.75 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,560.88 | 1/2 | 1,299.58 | 1/2 | 1,038.18 | 1/2 | 778.27 | 1/2 | 517.03 | 1/2 | 255.65 | 1/2 | 7.03 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,555.43 | 3/4 | 1,294.13 | 3/4 | 1,032.74 | 3/4 | 772.83 | 3/4 | 511.58 | 3/4 | 250.20 | 3/4 | 4.31 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 1,549.99 | 6 | 1,288.69 | 6 | 1,027.29 | 6 | 767.39 | 6 | 506.14 | 6 | 244.76 | 6 | 3.40 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 1,544.55 | 1/4 | 1,283.24 | 1/4 | 1,021.84 | 1/4 | 761.95 | 1/4 | 500.69 | 1/4 | 239.31 | 1/4 | 2.49 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,539.11 | 1/2 | 1,277.80 | 1/2 | 1,016.40 | 1/2 | 756.51 | 1/2 | 495.25 | 1/2 | 233.87 | 1/2 | 1.59 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,533.66 | 3/4 | 1,272.35 | 3/4 | 1,010.95 | 3/4 | 751.07 | 3/4 | 489.80 | 3/4 | 228.42 | 3/4 | 0.68 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 1,528.22 | 7 | 1,266.90 | 7 | 1,005.54 | 7 | 745.63 | 7 | 484.36 | 7 | 222.98 | 7 | | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 1,522.78 | 1/4 | 1,261.46 | 1/4 | 1,000.13 | 1/4 | 740.19 | 1/4 | 478.91 | 1/4 | 217.53 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,517.34 | 1/2 | 1,256.01 | 1/2 | 994.72 | 1/2 | 734.75 | 1/2 | 473.46 | 1/2 | 212.09 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,511.90 | 3/4 | 1,250.57 | 3/4 | 989.31 | 3/4 | 729.31 | 3/4 | 468.02 | 3/4 | 206.64 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 1,506.45 | 8 | 1,245.12 | 8 | 983.90 | 8 | 723.87 | 8 | 462.57 | 8 | 201.19 | 8 | | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 1,501.01 | 1/4 | 1,239.68 | 1/4 | 978.50 | 1/4 | 718.43 | 1/4 | 457.13 | 1/4 | 195.75 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,495.57 | 1/2 | 1,234.23 | 1/2 | 973.09 | 1/2 | 712.99 | 1/2 | 451.68 | 1/2 | 190.30 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,490.13 | 3/4 | 1,228.78 | 3/4 | 967.68 | 3/4 | 707.55 | 3/4 | 446.24 | 3/4 | 184.86 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 1,484.68 | 9 | 1,223.34 | 9 | 962.27 | 9 | 702.11 | 9 | 440.79 | 9 | 179.41 | 9 | | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 1,479.24 | 1/4 | 1,217.89 | 1/4 | 956.86 | 1/4 | 696.67 | 1/4 | 435.35 | 1/4 | 173.97 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,473.80 | 1/2 | 1,212.45 | 1/2 | 951.45 | 1/2 | 691.23 | 1/2 | 429.90 | 1/2 | 168.52 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,468.36 | 3/4 | 1,207.00 | 3/4 | 946.04 | 3/4 | 685.78 | 3/4 | 424.46 | 3/4 | 163.08 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 1,462.91 | 10 | 1,201.56 | 10 | 940.63 | 10 | 680.34 | 10 | 419.01 | 10 | 157.63 | 10 | | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 1,457.47 | 1/4 | 1,196.11 | 1/4 | 935.22 | 1/4 | 674.90 | 1/4 | 413.57 | 1/4 | 152.19 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,452.03 | 1/2 | 1,190.66 | 1/2 | 929.81 | 1/2 | 669.46 | 1/2 | 408.12 | 1/2 | 146.74 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,446.59 | 3/4 | 1,185.22 | 3/4 | 924.40 | 3/4 | 664.02 | 3/4 | 402.67 | 3/4 | 141.30 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 1,441.15 | 11 | 1,179.77 | 11 | 918.99 | 11 | 658.58 | 11 | 397.23 | 11 | 135.86 | 11 | | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 1,435.70 | 1/4 | 1,174.33 | 1/4 | 913.58 | 1/4 | 653.14 | 1/4 | 391.78 | 1/4 | 130.42 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,430.26 | 1/2 | 1,168.88 | 1/2 | 908.17 | 1/2 | 647.71 | 1/2 | 386.34 | 1/2 | 124.98 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,424.82 | 3/4 | 1,163.43 | 3/4 | 902.76 | 3/4 | 642.27 | 3/4 | 380.89 | 3/4 | 119.54 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/30/2014 SW
CALCULATED: 01/31/2014 CL
VERIFIED: 03/05/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2024

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