



BARGE "KIRBY 10258"

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 | 00-3/4 | - 00-3/4 |
| 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"

June 1, 2023

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

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BARGE "KIRBY 10258"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-06"

| 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 | 1,889.98 | 0 | 1,593.34 | 0 | 1,296.51 | 0 | 999.68 | 0 | 708.89 | 0 | 411.94 | 0 | 114.91 | 0 | | 0 | | 0 | |
| 1/4 | 1,883.81 | 1/4 | 1,587.15 | 1/4 | 1,290.33 | 1/4 | 993.50 | 1/4 | 702.72 | 1/4 | 405.75 | 1/4 | 108.75 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,877.63 | 1/2 | 1,580.97 | 1/2 | 1,284.14 | 1/2 | 987.31 | 1/2 | 696.55 | 1/2 | 399.56 | 1/2 | 102.59 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,871.46 | 3/4 | 1,574.79 | 3/4 | 1,277.96 | 3/4 | 981.13 | 3/4 | 690.38 | 3/4 | 393.37 | 3/4 | 96.43 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,865.28 | 1 | 1,568.60 | 1 | 1,271.77 | 1 | 974.95 | 1 | 684.21 | 1 | 387.18 | 1 | 90.27 | 1 | | 1 | | 1 | |
| 1/4 | 1,859.10 | 1/4 | 1,562.42 | 1/4 | 1,265.59 | 1/4 | 968.83 | 1/4 | 678.02 | 1/4 | 381.00 | 1/4 | 84.14 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,852.93 | 1/2 | 1,556.23 | 1/2 | 1,259.41 | 1/2 | 962.70 | 1/2 | 671.83 | 1/2 | 374.81 | 1/2 | 78.02 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,846.75 | 3/4 | 1,550.05 | 3/4 | 1,253.22 | 3/4 | 956.58 | 3/4 | 665.65 | 3/4 | 368.62 | 3/4 | 71.89 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,840.58 | 2 | 1,543.87 | 2 | 1,247.04 | 2 | 950.46 | 2 | 659.46 | 2 | 362.43 | 2 | 65.76 | 2 | | 2 | | 2 | |
| 1/4 | 1,834.40 | 1/4 | 1,537.68 | 1/4 | 1,240.85 | 1/4 | 944.40 | 1/4 | 653.27 | 1/4 | 356.24 | 1/4 | 59.69 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,828.23 | 1/2 | 1,531.50 | 1/2 | 1,234.67 | 1/2 | 938.35 | 1/2 | 647.09 | 1/2 | 350.06 | 1/2 | 53.62 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,822.05 | 3/4 | 1,525.31 | 3/4 | 1,228.49 | 3/4 | 932.29 | 3/4 | 640.90 | 3/4 | 343.87 | 3/4 | 47.54 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,815.88 | 3 | 1,519.13 | 3 | 1,222.30 | 3 | 926.23 | 3 | 634.71 | 3 | 337.68 | 3 | 41.47 | 3 | | 3 | | 3 | |
| 1/4 | 1,809.69 | 1/4 | 1,512.95 | 1/4 | 1,216.12 | 1/4 | 920.17 | 1/4 | 628.52 | 1/4 | 331.49 | 1/4 | 36.31 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,803.51 | 1/2 | 1,506.76 | 1/2 | 1,209.94 | 1/2 | 914.12 | 1/2 | 622.34 | 1/2 | 325.30 | 1/2 | 31.16 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,797.33 | 3/4 | 1,500.58 | 3/4 | 1,203.75 | 3/4 | 908.06 | 3/4 | 616.15 | 3/4 | 319.11 | 3/4 | 26.00 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,791.14 | 4 | 1,494.39 | 4 | 1,197.57 | 4 | 902.00 | 4 | 609.96 | 4 | 312.93 | 4 | 20.84 | 4 | | 4 | | 4 | |
| 1/4 | 1,784.96 | 1/4 | 1,488.21 | 1/4 | 1,191.38 | 1/4 | 895.96 | 1/4 | 603.77 | 1/4 | 306.74 | 1/4 | 17.74 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,778.78 | 1/2 | 1,482.03 | 1/2 | 1,185.20 | 1/2 | 889.92 | 1/2 | 597.58 | 1/2 | 300.55 | 1/2 | 14.64 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,772.59 | 3/4 | 1,475.84 | 3/4 | 1,179.02 | 3/4 | 883.88 | 3/4 | 591.40 | 3/4 | 294.36 | 3/4 | 11.54 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,766.41 | 5 | 1,469.66 | 5 | 1,172.83 | 5 | 877.84 | 5 | 585.21 | 5 | 288.17 | 5 | 8.44 | 5 | | 5 | | 5 | |
| 1/4 | 1,760.22 | 1/4 | 1,463.48 | 1/4 | 1,166.65 | 1/4 | 871.81 | 1/4 | 579.02 | 1/4 | 281.99 | 1/4 | 7.41 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,754.04 | 1/2 | 1,457.29 | 1/2 | 1,160.46 | 1/2 | 865.79 | 1/2 | 572.83 | 1/2 | 275.80 | 1/2 | 6.38 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,747.86 | 3/4 | 1,451.11 | 3/4 | 1,154.28 | 3/4 | 859.76 | 3/4 | 566.64 | 3/4 | 269.61 | 3/4 | 5.34 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,741.67 | 6 | 1,444.92 | 6 | 1,148.10 | 6 | 853.74 | 6 | 560.45 | 6 | 263.42 | 6 | 4.31 | 6 | | 6 | | 6 | |
| 1/4 | 1,735.49 | 1/4 | 1,438.74 | 1/4 | 1,141.91 | 1/4 | 847.71 | 1/4 | 554.27 | 1/4 | 257.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,729.31 | 1/2 | 1,432.56 | 1/2 | 1,135.73 | 1/2 | 841.69 | 1/2 | 548.08 | 1/2 | 251.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,723.13 | 3/4 | 1,426.37 | 3/4 | 1,129.54 | 3/4 | 835.66 | 3/4 | 541.89 | 3/4 | 244.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,716.94 | 7 | 1,420.19 | 7 | 1,123.36 | 7 | 829.64 | 7 | 535.70 | 7 | 238.67 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,710.76 | 1/4 | 1,414.00 | 1/4 | 1,117.18 | 1/4 | 823.61 | 1/4 | 529.51 | 1/4 | 232.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,704.58 | 1/2 | 1,407.82 | 1/2 | 1,110.99 | 1/2 | 817.59 | 1/2 | 523.33 | 1/2 | 226.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,698.40 | 3/4 | 1,401.64 | 3/4 | 1,104.81 | 3/4 | 811.56 | 3/4 | 517.14 | 3/4 | 220.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,692.22 | 8 | 1,395.45 | 8 | 1,098.62 | 8 | 805.54 | 8 | 510.95 | 8 | 213.92 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,686.04 | 1/4 | 1,389.27 | 1/4 | 1,092.44 | 1/4 | 799.52 | 1/4 | 504.76 | 1/4 | 207.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,679.86 | 1/2 | 1,383.08 | 1/2 | 1,086.26 | 1/2 | 793.49 | 1/2 | 498.57 | 1/2 | 201.54 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,673.68 | 3/4 | 1,376.90 | 3/4 | 1,080.07 | 3/4 | 787.47 | 3/4 | 492.38 | 3/4 | 195.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,667.50 | 9 | 1,370.72 | 9 | 1,073.89 | 9 | 781.44 | 9 | 486.20 | 9 | 189.16 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,661.32 | 1/4 | 1,364.53 | 1/4 | 1,067.71 | 1/4 | 775.42 | 1/4 | 480.01 | 1/4 | 182.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,655.14 | 1/2 | 1,358.35 | 1/2 | 1,061.52 | 1/2 | 769.39 | 1/2 | 473.82 | 1/2 | 176.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,648.96 | 3/4 | 1,352.16 | 3/4 | 1,055.34 | 3/4 | 763.37 | 3/4 | 467.63 | 3/4 | 170.60 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,642.78 | 10 | 1,345.98 | 10 | 1,049.15 | 10 | 757.34 | 10 | 461.44 | 10 | 164.41 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,636.60 | 1/4 | 1,339.80 | 1/4 | 1,042.97 | 1/4 | 751.32 | 1/4 | 455.26 | 1/4 | 158.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,630.42 | 1/2 | 1,333.61 | 1/2 | 1,036.79 | 1/2 | 745.29 | 1/2 | 449.07 | 1/2 | 152.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,624.24 | 3/4 | 1,327.43 | 3/4 | 1,030.60 | 3/4 | 739.27 | 3/4 | 442.88 | 3/4 | 145.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,618.06 | 11 | 1,321.25 | 11 | 1,024.42 | 11 | 733.24 | 11 | 436.69 | 11 | 139.64 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,611.88 | 1/4 | 1,315.06 | 1/4 | 1,018.23 | 1/4 | 727.15 | 1/4 | 430.50 | 1/4 | 133.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,605.70 | 1/2 | 1,308.88 | 1/2 | 1,012.05 | 1/2 | 721.07 | 1/2 | 424.31 | 1/2 | 127.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,599.52 | 3/4 | 1,302.69 | 3/4 | 1,005.87 | 3/4 | 714.98 | 3/4 | 418.13 | 3/4 | 121.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 10258"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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 | 3,252.64 | 0 | 2,990.91 | 0 | 2,729.17 | 0 | 2,467.00 | 0 | 2,203.86 | 0 | 1,940.73 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,473.72 | 1/4 | 3,247.19 | 1/4 | 2,985.45 | 1/4 | 2,723.72 | 1/4 | 2,461.52 | 1/4 | 2,198.38 | 1/4 | 1,935.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,472.80 | 1/2 | 3,241.73 | 1/2 | 2,980.00 | 1/2 | 2,718.27 | 1/2 | 2,456.03 | 1/2 | 2,192.90 | 1/2 | 1,929.76 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,471.89 | 3/4 | 3,236.28 | 3/4 | 2,974.55 | 3/4 | 2,712.81 | 3/4 | 2,450.55 | 3/4 | 2,187.42 | 3/4 | 1,924.28 |
| 1 | | 1 | | 1 | | 1 | 3,470.98 | 1 | 3,230.83 | 1 | 2,969.09 | 1 | 2,707.36 | 1 | 2,445.07 | 1 | 2,181.93 | 1 | 1,918.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,470.06 | 1/4 | 3,225.38 | 1/4 | 2,963.64 | 1/4 | 2,701.91 | 1/4 | 2,439.59 | 1/4 | 2,176.45 | 1/4 | 1,913.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,467.32 | 1/2 | 3,219.92 | 1/2 | 2,958.19 | 1/2 | 2,696.45 | 1/2 | 2,434.11 | 1/2 | 2,170.97 | 1/2 | 1,907.83 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,464.58 | 3/4 | 3,214.47 | 3/4 | 2,952.74 | 3/4 | 2,691.00 | 3/4 | 2,428.62 | 3/4 | 2,165.49 | 3/4 | 1,902.35 |
| 2 | | 2 | | 2 | | 2 | 3,461.83 | 2 | 3,209.02 | 2 | 2,947.28 | 2 | 2,685.55 | 2 | 2,423.14 | 2 | 2,160.01 | 2 | 1,896.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,459.09 | 1/4 | 3,203.56 | 1/4 | 2,941.83 | 1/4 | 2,680.10 | 1/4 | 2,417.66 | 1/4 | 2,154.52 | 1/4 | 1,891.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,454.65 | 1/2 | 3,198.11 | 1/2 | 2,936.38 | 1/2 | 2,674.64 | 1/2 | 2,412.18 | 1/2 | 2,149.04 | 1/2 | 1,885.91 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,450.21 | 3/4 | 3,192.66 | 3/4 | 2,930.92 | 3/4 | 2,669.19 | 3/4 | 2,406.70 | 3/4 | 2,143.56 | 3/4 | 1,880.42 |
| 3 | | 3 | | 3 | | 3 | 3,445.77 | 3 | 3,187.21 | 3 | 2,925.47 | 3 | 2,663.74 | 3 | 2,401.21 | 3 | 2,138.08 | 3 | 1,874.94 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,441.33 | 1/4 | 3,181.75 | 1/4 | 2,920.02 | 1/4 | 2,658.28 | 1/4 | 2,395.73 | 1/4 | 2,132.60 | 1/4 | 1,869.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,436.01 | 1/2 | 3,176.30 | 1/2 | 2,914.57 | 1/2 | 2,652.83 | 1/2 | 2,390.25 | 1/2 | 2,127.11 | 1/2 | 1,863.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,430.70 | 3/4 | 3,170.85 | 3/4 | 2,909.11 | 3/4 | 2,647.38 | 3/4 | 2,384.77 | 3/4 | 2,121.63 | 3/4 | 1,858.50 |
| 4 | | 4 | | 4 | | 4 | 3,425.38 | 4 | 3,165.39 | 4 | 2,903.66 | 4 | 2,641.93 | 4 | 2,379.29 | 4 | 2,116.15 | 4 | 1,853.01 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,420.07 | 1/4 | 3,159.94 | 1/4 | 2,898.21 | 1/4 | 2,636.47 | 1/4 | 2,373.80 | 1/4 | 2,110.67 | 1/4 | 1,847.53 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,414.73 | 1/2 | 3,154.49 | 1/2 | 2,892.75 | 1/2 | 2,631.02 | 1/2 | 2,368.32 | 1/2 | 2,105.19 | 1/2 | 1,842.05 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,409.38 | 3/4 | 3,149.04 | 3/4 | 2,887.30 | 3/4 | 2,625.57 | 3/4 | 2,362.84 | 3/4 | 2,099.70 | 3/4 | 1,836.57 |
| 5 | | 5 | | 5 | | 5 | 3,404.04 | 5 | 3,143.58 | 5 | 2,881.85 | 5 | 2,620.11 | 5 | 2,357.36 | 5 | 2,094.22 | 5 | 1,831.09 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,398.69 | 1/4 | 3,138.13 | 1/4 | 2,876.40 | 1/4 | 2,614.66 | 1/4 | 2,351.88 | 1/4 | 2,088.74 | 1/4 | 1,825.60 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,393.34 | 1/2 | 3,132.68 | 1/2 | 2,870.94 | 1/2 | 2,609.21 | 1/2 | 2,346.39 | 1/2 | 2,083.26 | 1/2 | 1,820.12 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,387.98 | 3/4 | 3,127.23 | 3/4 | 2,865.49 | 3/4 | 2,603.76 | 3/4 | 2,340.91 | 3/4 | 2,077.78 | 3/4 | 1,814.64 |
| 6 | | 6 | | 6 | | 6 | 3,382.62 | 6 | 3,121.77 | 6 | 2,860.04 | 6 | 2,598.30 | 6 | 2,335.43 | 6 | 2,072.29 | 6 | 1,809.16 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,377.27 | 1/4 | 3,116.32 | 1/4 | 2,854.59 | 1/4 | 2,592.85 | 1/4 | 2,329.95 | 1/4 | 2,066.81 | 1/4 | 1,803.68 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,371.91 | 1/2 | 3,110.87 | 1/2 | 2,849.13 | 1/2 | 2,587.40 | 1/2 | 2,324.47 | 1/2 | 2,061.33 | 1/2 | 1,798.19 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,366.56 | 3/4 | 3,105.41 | 3/4 | 2,843.68 | 3/4 | 2,581.95 | 3/4 | 2,318.98 | 3/4 | 2,055.85 | 3/4 | 1,792.71 |
| 7 | | 7 | | 7 | | 7 | 3,361.20 | 7 | 3,099.96 | 7 | 2,838.23 | 7 | 2,576.49 | 7 | 2,313.50 | 7 | 2,050.37 | 7 | 1,787.23 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,355.85 | 1/4 | 3,094.51 | 1/4 | 2,832.77 | 1/4 | 2,571.04 | 1/4 | 2,308.02 | 1/4 | 2,044.88 | 1/4 | 1,781.75 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,350.49 | 1/2 | 3,089.06 | 1/2 | 2,827.32 | 1/2 | 2,565.59 | 1/2 | 2,302.54 | 1/2 | 2,039.40 | 1/2 | 1,776.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,345.14 | 3/4 | 3,083.60 | 3/4 | 2,821.87 | 3/4 | 2,560.13 | 3/4 | 2,297.06 | 3/4 | 2,033.92 | 3/4 | 1,770.78 |
| 8 | | 8 | | 8 | | 8 | 3,339.79 | 8 | 3,078.15 | 8 | 2,816.42 | 8 | 2,554.68 | 8 | 2,291.57 | 8 | 2,028.44 | 8 | 1,765.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,334.43 | 1/4 | 3,072.70 | 1/4 | 2,810.96 | 1/4 | 2,549.23 | 1/4 | 2,286.09 | 1/4 | 2,022.96 | 1/4 | 1,759.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,328.98 | 1/2 | 3,067.24 | 1/2 | 2,805.51 | 1/2 | 2,543.75 | 1/2 | 2,280.61 | 1/2 | 2,017.47 | 1/2 | 1,754.34 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,323.53 | 3/4 | 3,061.79 | 3/4 | 2,800.06 | 3/4 | 2,538.26 | 3/4 | 2,275.13 | 3/4 | 2,011.99 | 3/4 | 1,748.86 |
| 9 | | 9 | | 9 | | 9 | 3,318.07 | 9 | 3,056.34 | 9 | 2,794.60 | 9 | 2,532.78 | 9 | 2,269.65 | 9 | 2,006.51 | 9 | 1,743.37 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,312.62 | 1/4 | 3,050.89 | 1/4 | 2,789.15 | 1/4 | 2,527.30 | 1/4 | 2,264.16 | 1/4 | 2,001.03 | 1/4 | 1,737.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,307.17 | 1/2 | 3,045.43 | 1/2 | 2,783.70 | 1/2 | 2,521.82 | 1/2 | 2,258.68 | 1/2 | 1,995.55 | 1/2 | 1,732.41 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,301.71 | 3/4 | 3,039.98 | 3/4 | 2,778.25 | 3/4 | 2,516.34 | 3/4 | 2,253.20 | 3/4 | 1,990.06 | 3/4 | 1,726.93 |
| 10 | | 10 | | 10 | | 10 | 3,296.26 | 10 | 3,034.53 | 10 | 2,772.79 | 10 | 2,510.85 | 10 | 2,247.72 | 10 | 1,984.58 | 10 | 1,721.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,290.81 | 1/4 | 3,029.07 | 1/4 | 2,767.34 | 1/4 | 2,505.37 | 1/4 | 2,242.24 | 1/4 | 1,979.10 | 1/4 | 1,715.96 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,285.36 | 1/2 | 3,023.62 | 1/2 | 2,761.89 | 1/2 | 2,499.89 | 1/2 | 2,236.75 | 1/2 | 1,973.62 | 1/2 | 1,710.48 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,279.90 | 3/4 | 3,018.17 | 3/4 | 2,756.43 | 3/4 | 2,494.41 | 3/4 | 2,231.27 | 3/4 | 1,968.14 | 3/4 | 1,705.00 |
| 11 | | 11 | | 11 | | 11 | 3,274.45 | 11 | 3,012.72 | 11 | 2,750.98 | 11 | 2,488.93 | 11 | 2,225.79 | 11 | 1,962.65 | 11 | 1,699.52 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,269.00 | 1/4 | 3,007.26 | 1/4 | 2,745.53 | 1/4 | 2,483.44 | 1/4 | 2,220.31 | 1/4 | 1,957.17 | 1/4 | 1,694.04 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,263.55 | 1/2 | 3,001.81 | 1/2 | 2,740.08 | 1/2 | 2,477.96 | 1/2 | 2,214.83 | 1/2 | 1,951.69 | 1/2 | 1,688.55 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,258.09 | 3/4 | 2,996.36 | 3/4 | 2,734.62 | 3/4 | 2,472.48 | 3/4 | 2,209.34 | 3/4 | 1,946.21 | 3/4 | 1,683.07 |

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 10258"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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 | 1,677.59 | 0 | 1,414.45 | 0 | 1,151.15 | 0 | 889.63 | 0 | 630.45 | 0 | 367.21 | 0 | 104.00 | 0 | | 0 | | 0 | |
| 1/4 | 1,672.11 | 1/4 | 1,408.97 | 1/4 | 1,145.67 | 1/4 | 884.23 | 1/4 | 625.01 | 1/4 | 361.72 | 1/4 | 98.53 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,666.63 | 1/2 | 1,403.49 | 1/2 | 1,140.18 | 1/2 | 878.83 | 1/2 | 619.52 | 1/2 | 356.24 | 1/2 | 93.08 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,661.14 | 3/4 | 1,398.00 | 3/4 | 1,134.70 | 3/4 | 873.43 | 3/4 | 614.04 | 3/4 | 350.75 | 3/4 | 87.63 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,655.66 | 1 | 1,392.52 | 1 | 1,129.21 | 1 | 868.03 | 1 | 608.55 | 1 | 345.27 | 1 | 82.18 | 1 | | 1 | | 1 | |
| 1/4 | 1,650.18 | 1/4 | 1,387.03 | 1/4 | 1,123.73 | 1/4 | 862.63 | 1/4 | 603.07 | 1/4 | 339.78 | 1/4 | 76.73 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,644.70 | 1/2 | 1,381.54 | 1/2 | 1,118.24 | 1/2 | 857.23 | 1/2 | 597.58 | 1/2 | 334.30 | 1/2 | 71.31 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,639.22 | 3/4 | 1,376.06 | 3/4 | 1,112.76 | 3/4 | 851.83 | 3/4 | 592.10 | 3/4 | 328.81 | 3/4 | 65.89 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,633.73 | 2 | 1,370.57 | 2 | 1,107.27 | 2 | 846.42 | 2 | 586.61 | 2 | 323.33 | 2 | 60.46 | 2 | | 2 | | 2 | |
| 1/4 | 1,628.25 | 1/4 | 1,365.09 | 1/4 | 1,101.78 | 1/4 | 841.02 | 1/4 | 581.13 | 1/4 | 317.84 | 1/4 | 55.04 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,622.77 | 1/2 | 1,359.60 | 1/2 | 1,096.30 | 1/2 | 835.62 | 1/2 | 575.64 | 1/2 | 312.36 | 1/2 | 49.67 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,617.29 | 3/4 | 1,354.12 | 3/4 | 1,090.81 | 3/4 | 830.22 | 3/4 | 570.16 | 3/4 | 306.87 | 3/4 | 44.30 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,611.81 | 3 | 1,348.63 | 3 | 1,085.33 | 3 | 824.82 | 3 | 564.67 | 3 | 301.39 | 3 | 38.93 | 3 | | 3 | | 3 | |
| 1/4 | 1,606.32 | 1/4 | 1,343.15 | 1/4 | 1,079.84 | 1/4 | 819.42 | 1/4 | 559.19 | 1/4 | 295.90 | 1/4 | 33.56 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,600.84 | 1/2 | 1,337.66 | 1/2 | 1,074.36 | 1/2 | 814.03 | 1/2 | 553.70 | 1/2 | 290.42 | 1/2 | 28.99 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,595.36 | 3/4 | 1,332.18 | 3/4 | 1,068.87 | 3/4 | 808.63 | 3/4 | 548.22 | 3/4 | 284.93 | 3/4 | 24.43 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,589.88 | 4 | 1,326.69 | 4 | 1,063.39 | 4 | 803.24 | 4 | 542.73 | 4 | 279.45 | 4 | 19.87 | 4 | | 4 | | 4 | |
| 1/4 | 1,584.40 | 1/4 | 1,321.20 | 1/4 | 1,057.90 | 1/4 | 797.84 | 1/4 | 537.25 | 1/4 | 273.96 | 1/4 | 15.30 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,578.91 | 1/2 | 1,315.72 | 1/2 | 1,052.41 | 1/2 | 792.44 | 1/2 | 531.76 | 1/2 | 268.48 | 1/2 | 12.56 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,573.43 | 3/4 | 1,310.23 | 3/4 | 1,046.93 | 3/4 | 787.05 | 3/4 | 526.28 | 3/4 | 262.99 | 3/4 | 9.82 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,567.95 | 5 | 1,304.75 | 5 | 1,041.44 | 5 | 781.65 | 5 | 520.79 | 5 | 257.51 | 5 | 7.08 | 5 | | 5 | | 5 | |
| 1/4 | 1,562.47 | 1/4 | 1,299.26 | 1/4 | 1,035.96 | 1/4 | 776.26 | 1/4 | 515.31 | 1/4 | 252.02 | 1/4 | 4.33 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,556.99 | 1/2 | 1,293.78 | 1/2 | 1,030.47 | 1/2 | 770.86 | 1/2 | 509.82 | 1/2 | 246.54 | 1/2 | 3.42 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,551.50 | 3/4 | 1,288.29 | 3/4 | 1,024.99 | 3/4 | 765.47 | 3/4 | 504.34 | 3/4 | 241.05 | 3/4 | 2.51 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,546.02 | 6 | 1,282.81 | 6 | 1,019.50 | 6 | 760.07 | 6 | 498.85 | 6 | 235.57 | 6 | 1.59 | 6 | | 6 | | 6 | |
| 1/4 | 1,540.54 | 1/4 | 1,277.32 | 1/4 | 1,014.02 | 1/4 | 754.68 | 1/4 | 493.37 | 1/4 | 230.08 | 1/4 | 0.68 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,535.06 | 1/2 | 1,271.83 | 1/2 | 1,008.57 | 1/2 | 749.28 | 1/2 | 487.88 | 1/2 | 224.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,529.58 | 3/4 | 1,266.35 | 3/4 | 1,003.13 | 3/4 | 743.89 | 3/4 | 482.40 | 3/4 | 219.11 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,524.09 | 7 | 1,260.86 | 7 | 997.68 | 7 | 738.49 | 7 | 476.91 | 7 | 213.63 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,518.61 | 1/4 | 1,255.38 | 1/4 | 992.24 | 1/4 | 733.10 | 1/4 | 471.43 | 1/4 | 208.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,513.13 | 1/2 | 1,249.89 | 1/2 | 986.84 | 1/2 | 727.70 | 1/2 | 465.94 | 1/2 | 202.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,507.65 | 3/4 | 1,244.41 | 3/4 | 981.44 | 3/4 | 722.30 | 3/4 | 460.46 | 3/4 | 197.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,502.17 | 8 | 1,238.92 | 8 | 976.04 | 8 | 716.91 | 8 | 454.97 | 8 | 191.69 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,496.68 | 1/4 | 1,233.44 | 1/4 | 970.64 | 1/4 | 711.51 | 1/4 | 449.49 | 1/4 | 186.20 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,491.20 | 1/2 | 1,227.95 | 1/2 | 965.24 | 1/2 | 706.12 | 1/2 | 444.00 | 1/2 | 180.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,485.72 | 3/4 | 1,222.47 | 3/4 | 959.84 | 3/4 | 700.72 | 3/4 | 438.52 | 3/4 | 175.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,480.24 | 9 | 1,216.98 | 9 | 954.44 | 9 | 695.33 | 9 | 433.03 | 9 | 169.75 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,474.76 | 1/4 | 1,211.49 | 1/4 | 949.04 | 1/4 | 689.93 | 1/4 | 427.55 | 1/4 | 164.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,469.27 | 1/2 | 1,206.01 | 1/2 | 943.64 | 1/2 | 684.54 | 1/2 | 422.06 | 1/2 | 158.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,463.79 | 3/4 | 1,200.52 | 3/4 | 938.24 | 3/4 | 679.14 | 3/4 | 416.57 | 3/4 | 153.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,458.31 | 10 | 1,195.04 | 10 | 932.83 | 10 | 673.75 | 10 | 411.09 | 10 | 147.81 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,452.83 | 1/4 | 1,189.55 | 1/4 | 927.43 | 1/4 | 668.35 | 1/4 | 405.60 | 1/4 | 142.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,447.35 | 1/2 | 1,184.07 | 1/2 | 922.03 | 1/2 | 662.96 | 1/2 | 400.12 | 1/2 | 136.84 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,441.86 | 3/4 | 1,178.58 | 3/4 | 916.63 | 3/4 | 657.56 | 3/4 | 394.63 | 3/4 | 131.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,436.38 | 11 | 1,173.10 | 11 | 911.23 | 11 | 652.17 | 11 | 389.15 | 11 | 125.88 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,430.90 | 1/4 | 1,167.61 | 1/4 | 905.83 | 1/4 | 646.77 | 1/4 | 383.66 | 1/4 | 120.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,425.42 | 1/2 | 1,162.12 | 1/2 | 900.43 | 1/2 | 641.33 | 1/2 | 378.18 | 1/2 | 114.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,419.94 | 3/4 | 1,156.64 | 3/4 | 895.03 | 3/4 | 635.89 | 3/4 | 372.69 | 3/4 | 109.47 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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 10258"

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 | 3,245.95 | 0 | 2,985.98 | 0 | 2,726.01 | 0 | 2,465.65 | 0 | 2,204.28 | 0 | 1,942.90 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,240.54 | 1/4 | 2,980.56 | 1/4 | 2,720.59 | 1/4 | 2,460.21 | 1/4 | 2,198.83 | 1/4 | 1,937.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,235.12 | 1/2 | 2,975.15 | 1/2 | 2,715.17 | 1/2 | 2,454.76 | 1/2 | 2,193.39 | 1/2 | 1,932.01 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,454.71 | 3/4 | 3,229.70 | 3/4 | 2,969.73 | 3/4 | 2,709.76 | 3/4 | 2,449.32 | 3/4 | 2,187.94 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,453.80 | 1 | 3,224.29 | 1 | 2,964.31 | 1 | 2,704.34 | 1 | 2,443.87 | 1 | 2,182.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,452.89 | 1/4 | 3,218.87 | 1/4 | 2,958.90 | 1/4 | 2,698.93 | 1/4 | 2,438.43 | 1/4 | 2,177.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,451.99 | 1/2 | 3,213.45 | 1/2 | 2,953.48 | 1/2 | 2,693.51 | 1/2 | 2,432.98 | 1/2 | 2,171.61 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,451.08 | 3/4 | 3,208.04 | 3/4 | 2,948.07 | 3/4 | 2,688.09 | 3/4 | 2,427.54 | 3/4 | 2,166.16 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,448.35 | 2 | 3,202.62 | 2 | 2,942.65 | 2 | 2,682.68 | 2 | 2,422.09 | 2 | 2,160.72 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,445.63 | 1/4 | 3,197.21 | 1/4 | 2,937.23 | 1/4 | 2,677.26 | 1/4 | 2,416.65 | 1/4 | 2,155.27 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,442.90 | 1/2 | 3,191.79 | 1/2 | 2,931.82 | 1/2 | 2,671.84 | 1/2 | 2,411.20 | 1/2 | 2,149.83 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,440.18 | 3/4 | 3,186.37 | 3/4 | 2,926.40 | 3/4 | 2,666.43 | 3/4 | 2,405.75 | 3/4 | 2,144.38 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,435.77 | 3 | 3,180.96 | 3 | 2,920.99 | 3 | 2,661.01 | 3 | 2,400.31 | 3 | 2,138.94 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,431.36 | 1/4 | 3,175.54 | 1/4 | 2,915.57 | 1/4 | 2,655.60 | 1/4 | 2,394.86 | 1/4 | 2,133.49 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,426.95 | 1/2 | 3,170.13 | 1/2 | 2,910.15 | 1/2 | 2,650.18 | 1/2 | 2,389.42 | 1/2 | 2,128.04 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,422.54 | 3/4 | 3,164.71 | 3/4 | 2,904.74 | 3/4 | 2,644.76 | 3/4 | 2,383.97 | 3/4 | 2,122.60 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,417.26 | 4 | 3,159.29 | 4 | 2,899.32 | 4 | 2,639.35 | 4 | 2,378.53 | 4 | 2,117.15 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,411.98 | 1/4 | 3,153.88 | 1/4 | 2,893.90 | 1/4 | 2,633.93 | 1/4 | 2,373.08 | 1/4 | 2,111.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,406.70 | 1/2 | 3,148.46 | 1/2 | 2,888.49 | 1/2 | 2,628.52 | 1/2 | 2,367.64 | 1/2 | 2,106.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,401.43 | 3/4 | 3,143.05 | 3/4 | 2,883.07 | 3/4 | 2,623.10 | 3/4 | 2,362.19 | 3/4 | 2,100.82 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,396.12 | 5 | 3,137.63 | 5 | 2,877.66 | 5 | 2,617.68 | 5 | 2,356.75 | 5 | 2,095.37 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,390.81 | 1/4 | 3,132.21 | 1/4 | 2,872.24 | 1/4 | 2,612.27 | 1/4 | 2,351.30 | 1/4 | 2,089.93 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,385.50 | 1/2 | 3,126.80 | 1/2 | 2,866.82 | 1/2 | 2,606.85 | 1/2 | 2,345.86 | 1/2 | 2,084.48 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,380.19 | 3/4 | 3,121.38 | 3/4 | 2,861.41 | 3/4 | 2,601.44 | 3/4 | 2,340.41 | 3/4 | 2,079.04 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,374.87 | 6 | 3,115.96 | 6 | 2,855.99 | 6 | 2,595.02 | 6 | 2,334.97 | 6 | 2,073.59 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,369.55 | 1/4 | 3,110.55 | 1/4 | 2,850.58 | 1/4 | 2,590.60 | 1/4 | 2,329.52 | 1/4 | 2,068.15 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,364.23 | 1/2 | 3,105.13 | 1/2 | 2,845.16 | 1/2 | 2,585.19 | 1/2 | 2,324.08 | 1/2 | 2,062.70 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,358.90 | 3/4 | 3,099.72 | 3/4 | 2,839.74 | 3/4 | 2,579.77 | 3/4 | 2,318.63 | 3/4 | 2,057.26 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,353.59 | 7 | 3,094.30 | 7 | 2,834.33 | 7 | 2,574.35 | 7 | 2,313.18 | 7 | 2,051.81 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,348.27 | 1/4 | 3,088.88 | 1/4 | 2,828.91 | 1/4 | 2,568.94 | 1/4 | 2,307.74 | 1/4 | 2,046.37 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,342.95 | 1/2 | 3,083.47 | 1/2 | 2,823.50 | 1/2 | 2,563.52 | 1/2 | 2,302.29 | 1/2 | 2,040.92 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,337.63 | 3/4 | 3,078.05 | 3/4 | 2,818.08 | 3/4 | 2,558.11 | 3/4 | 2,296.85 | 3/4 | 2,035.47 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,332.31 | 8 | 3,072.64 | 8 | 2,812.66 | 8 | 2,552.69 | 8 | 2,291.40 | 8 | 2,030.03 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,327.00 | 1/4 | 3,067.22 | 1/4 | 2,807.25 | 1/4 | 2,547.27 | 1/4 | 2,285.96 | 1/4 | 2,024.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,321.68 | 1/2 | 3,061.80 | 1/2 | 2,801.83 | 1/2 | 2,541.86 | 1/2 | 2,280.51 | 1/2 | 2,019.14 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,316.36 | 3/4 | 3,056.39 | 3/4 | 2,796.41 | 3/4 | 2,536.44 | 3/4 | 2,275.07 | 3/4 | 2,013.69 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,310.94 | 9 | 3,050.97 | 9 | 2,791.00 | 9 | 2,531.00 | 9 | 2,269.62 | 9 | 2,008.25 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,305.53 | 1/4 | 3,045.56 | 1/4 | 2,785.58 | 1/4 | 2,525.55 | 1/4 | 2,264.18 | 1/4 | 2,002.80 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,300.11 | 1/2 | 3,040.14 | 1/2 | 2,780.17 | 1/2 | 2,520.11 | 1/2 | 2,258.73 | 1/2 | 1,997.36 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,294.70 | 3/4 | 3,034.72 | 3/4 | 2,774.75 | 3/4 | 2,514.66 | 3/4 | 2,253.29 | 3/4 | 1,991.91 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,289.28 | 10 | 3,029.31 | 10 | 2,769.33 | 10 | 2,509.22 | 10 | 2,247.84 | 10 | 1,986.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,283.86 | 1/4 | 3,023.89 | 1/4 | 2,763.92 | 1/4 | 2,503.77 | 1/4 | 2,242.40 | 1/4 | 1,981.02 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,278.45 | 1/2 | 3,018.47 | 1/2 | 2,758.50 | 1/2 | 2,498.32 | 1/2 | 2,236.95 | 1/2 | 1,975.58 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,273.03 | 3/4 | 3,013.06 | 3/4 | 2,753.09 | 3/4 | 2,492.88 | 3/4 | 2,231.51 | 3/4 | 1,970.13 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,267.62 | 11 | 3,007.64 | 11 | 2,747.67 | 11 | 2,487.43 | 11 | 2,226.06 | 11 | 1,964.69 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,262.20 | 1/4 | 3,002.23 | 1/4 | 2,742.25 | 1/4 | 2,481.99 | 1/4 | 2,220.61 | 1/4 | 1,959.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,256.78 | 1/2 | 2,996.81 | 1/2 | 2,736.84 | 1/2 | 2,476.54 | 1/2 | 2,215.17 | 1/2 | 1,953.79 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,251.37 | 3/4 | 2,991.39 | 3/4 | 2,731.42 | 3/4 | 2,471.10 | 3/4 | 2,209.72 | 3/4 | 1,948.35 |

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'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 10258"

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 | 1,681.53 | 0 | 1,420.16 | 0 | 1,158.62 | 0 | 897.85 | 0 | 637.17 | 0 | 375.65 | 0 | 114.17 | 0 | | 0 | | 0 | |
| 1/4 | 1,676.08 | 1/4 | 1,414.71 | 1/4 | 1,153.17 | 1/4 | 892.43 | 1/4 | 631.72 | 1/4 | 370.21 | 1/4 | 108.74 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,670.64 | 1/2 | 1,409.26 | 1/2 | 1,147.73 | 1/2 | 887.02 | 1/2 | 626.28 | 1/2 | 364.76 | 1/2 | 103.31 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,665.19 | 3/4 | 1,403.82 | 3/4 | 1,142.28 | 3/4 | 881.61 | 3/4 | 620.83 | 3/4 | 359.31 | 3/4 | 97.88 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 1 | 1,659.75 | 1 | 1,398.37 | 1 | 1,136.83 | 1 | 876.20 | 1 | 615.38 | 1 | 353.86 | 1 | 92.46 | 1 | 1 | 1 | | 1 | 1 |
| 1/4 | 1,654.30 | 1/4 | 1,392.92 | 1/4 | 1,131.38 | 1/4 | 870.78 | 1/4 | 609.93 | 1/4 | 348.41 | 1/4 | 87.05 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,648.86 | 1/2 | 1,387.47 | 1/2 | 1,125.93 | 1/2 | 865.37 | 1/2 | 604.49 | 1/2 | 342.96 | 1/2 | 81.63 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,643.41 | 3/4 | 1,382.02 | 3/4 | 1,120.48 | 3/4 | 859.96 | 3/4 | 599.04 | 3/4 | 337.52 | 3/4 | 76.22 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 2 | 1,637.97 | 2 | 1,376.58 | 2 | 1,115.03 | 2 | 854.55 | 2 | 593.59 | 2 | 332.07 | 2 | 70.84 | 2 | 2 | 2 | | 2 | 2 |
| 1/4 | 1,632.52 | 1/4 | 1,371.13 | 1/4 | 1,109.58 | 1/4 | 849.13 | 1/4 | 588.14 | 1/4 | 326.62 | 1/4 | 65.45 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,627.08 | 1/2 | 1,365.68 | 1/2 | 1,104.14 | 1/2 | 843.72 | 1/2 | 582.69 | 1/2 | 321.17 | 1/2 | 60.06 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,621.63 | 3/4 | 1,360.23 | 3/4 | 1,098.69 | 3/4 | 838.31 | 3/4 | 577.25 | 3/4 | 315.72 | 3/4 | 54.68 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 3 | 1,616.19 | 3 | 1,354.78 | 3 | 1,093.24 | 3 | 832.90 | 3 | 571.80 | 3 | 310.27 | 3 | 49.34 | 3 | 3 | 3 | | 3 | 3 |
| 1/4 | 1,610.74 | 1/4 | 1,349.33 | 1/4 | 1,087.79 | 1/4 | 827.48 | 1/4 | 566.35 | 1/4 | 304.83 | 1/4 | 44.01 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,605.30 | 1/2 | 1,343.88 | 1/2 | 1,082.34 | 1/2 | 822.07 | 1/2 | 560.90 | 1/2 | 299.38 | 1/2 | 38.67 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,599.85 | 3/4 | 1,338.43 | 3/4 | 1,076.89 | 3/4 | 816.66 | 3/4 | 555.45 | 3/4 | 293.93 | 3/4 | 33.33 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 4 | 1,594.41 | 4 | 1,332.99 | 4 | 1,071.44 | 4 | 811.25 | 4 | 550.00 | 4 | 288.48 | 4 | 28.80 | 4 | 4 | 4 | | 4 | 4 |
| 1/4 | 1,588.96 | 1/4 | 1,327.54 | 1/4 | 1,065.99 | 1/4 | 805.85 | 1/4 | 544.55 | 1/4 | 283.03 | 1/4 | 24.27 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,583.51 | 1/2 | 1,322.09 | 1/2 | 1,060.55 | 1/2 | 800.44 | 1/2 | 539.11 | 1/2 | 277.58 | 1/2 | 19.74 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,578.07 | 3/4 | 1,316.64 | 3/4 | 1,055.10 | 3/4 | 795.03 | 3/4 | 533.66 | 3/4 | 272.13 | 3/4 | 15.21 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 5 | 1,572.62 | 5 | 1,311.19 | 5 | 1,049.65 | 5 | 789.59 | 5 | 528.21 | 5 | 266.69 | 5 | 12.48 | 5 | 5 | 5 | | 5 | 5 |
| 1/4 | 1,567.18 | 1/4 | 1,305.74 | 1/4 | 1,044.20 | 1/4 | 784.14 | 1/4 | 522.76 | 1/4 | 261.24 | 1/4 | 9.76 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,561.73 | 1/2 | 1,300.29 | 1/2 | 1,038.75 | 1/2 | 778.70 | 1/2 | 517.31 | 1/2 | 255.79 | 1/2 | 7.03 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,556.29 | 3/4 | 1,294.84 | 3/4 | 1,033.30 | 3/4 | 773.26 | 3/4 | 511.86 | 3/4 | 250.34 | 3/4 | 4.31 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 6 | 1,550.84 | 6 | 1,289.39 | 6 | 1,027.85 | 6 | 767.81 | 6 | 506.42 | 6 | 244.89 | 6 | 3.40 | 6 | 6 | 6 | | 6 | 6 |
| 1/4 | 1,545.40 | 1/4 | 1,283.95 | 1/4 | 1,022.40 | 1/4 | 762.37 | 1/4 | 500.97 | 1/4 | 239.44 | 1/4 | 2.49 | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,539.95 | 1/2 | 1,278.50 | 1/2 | 1,016.95 | 1/2 | 756.93 | 1/2 | 495.52 | 1/2 | 234.00 | 1/2 | 1.59 | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,534.51 | 3/4 | 1,273.05 | 3/4 | 1,011.51 | 3/4 | 751.48 | 3/4 | 490.07 | 3/4 | 228.55 | 3/4 | 0.68 | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 7 | 1,529.06 | 7 | 1,267.60 | 7 | 1,006.09 | 7 | 746.04 | 7 | 484.62 | 7 | 223.10 | 7 | | 7 | 7 | 7 | | 7 | 7 |
| 1/4 | 1,523.62 | 1/4 | 1,262.15 | 1/4 | 1,000.68 | 1/4 | 740.60 | 1/4 | 479.17 | 1/4 | 217.65 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,518.17 | 1/2 | 1,256.70 | 1/2 | 995.27 | 1/2 | 735.15 | 1/2 | 473.73 | 1/2 | 212.20 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,512.73 | 3/4 | 1,251.25 | 3/4 | 989.86 | 3/4 | 729.71 | 3/4 | 468.28 | 3/4 | 206.75 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 8 | 1,507.28 | 8 | 1,245.80 | 8 | 984.44 | 8 | 724.27 | 8 | 462.83 | 8 | 201.31 | 8 | | 8 | 8 | 8 | | 8 | 8 |
| 1/4 | 1,501.84 | 1/4 | 1,240.36 | 1/4 | 979.03 | 1/4 | 718.82 | 1/4 | 457.38 | 1/4 | 195.86 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,496.39 | 1/2 | 1,234.91 | 1/2 | 973.62 | 1/2 | 713.38 | 1/2 | 451.93 | 1/2 | 190.41 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,490.94 | 3/4 | 1,229.46 | 3/4 | 968.21 | 3/4 | 707.94 | 3/4 | 446.48 | 3/4 | 184.96 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 9 | 1,485.50 | 9 | 1,224.01 | 9 | 962.79 | 9 | 702.49 | 9 | 441.04 | 9 | 179.51 | 9 | | 9 | 9 | 9 | | 9 | 9 |
| 1/4 | 1,480.05 | 1/4 | 1,218.56 | 1/4 | 957.38 | 1/4 | 697.05 | 1/4 | 435.59 | 1/4 | 174.06 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,474.61 | 1/2 | 1,213.11 | 1/2 | 951.97 | 1/2 | 691.61 | 1/2 | 430.14 | 1/2 | 168.62 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,469.16 | 3/4 | 1,207.66 | 3/4 | 946.56 | 3/4 | 686.16 | 3/4 | 424.69 | 3/4 | 163.17 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 10 | 1,463.72 | 10 | 1,202.21 | 10 | 941.14 | 10 | 680.72 | 10 | 419.24 | 10 | 157.72 | 10 | | 10 | 10 | 10 | | 10 | 10 |
| 1/4 | 1,458.27 | 1/4 | 1,196.77 | 1/4 | 935.73 | 1/4 | 675.28 | 1/4 | 413.79 | 1/4 | 152.27 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,452.83 | 1/2 | 1,191.32 | 1/2 | 930.32 | 1/2 | 669.83 | 1/2 | 408.34 | 1/2 | 146.82 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,447.38 | 3/4 | 1,185.87 | 3/4 | 924.91 | 3/4 | 664.39 | 3/4 | 402.90 | 3/4 | 141.38 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |
| 11 | 1,441.94 | 11 | 1,180.42 | 11 | 919.50 | 11 | 658.95 | 11 | 397.45 | 11 | 135.93 | 11 | | 11 | 11 | 11 | | 11 | 11 |
| 1/4 | 1,436.49 | 1/4 | 1,174.97 | 1/4 | 914.08 | 1/4 | 653.50 | 1/4 | 392.00 | 1/4 | 130.49 | 1/4 | | 1/4 | 1/4 | 1/4 | | 1/4 | 1/4 |
| 1/2 | 1,431.05 | 1/2 | 1,169.52 | 1/2 | 908.67 | 1/2 | 648.06 | 1/2 | 386.55 | 1/2 | 125.05 | 1/2 | | 1/2 | 1/2 | 1/2 | | 1/2 | 1/2 |
| 3/4 | 1,425.60 | 3/4 | 1,164.07 | 3/4 | 903.26 | 3/4 | 642.62 | 3/4 | 381.10 | 3/4 | 119.60 | 3/4 | | 3/4 | 3/4 | 3/4 | | 3/4 | 3/4 |

STRAPPED: 05/09/2013 SW
CALCULATED: 05/09/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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