



BARGE "KIRBY 10058"

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

(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"

April 7, 2015

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10058"

1 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 | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | | |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,555.68 | 0 | 3,303.04 | 0 | 3,050.40 | 0 | 2,792.98 | 0 | 2,497.73 | 0 | 2,201.74 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,550.42 | 1/4 | 3,297.78 | 1/4 | 3,045.14 | 1/4 | 2,786.83 | 1/4 | 2,491.56 | 1/4 | 2,195.57 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,545.16 | 1/2 | 3,292.52 | 1/2 | 3,039.88 | 1/2 | 2,780.68 | 1/2 | 2,485.39 | 1/2 | 2,189.41 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,760.49 | 3/4 | 3,539.89 | 3/4 | 3,287.25 | 3/4 | 3,034.62 | 3/4 | 2,774.54 | 3/4 | 2,479.23 | 3/4 | 2,183.24 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,759.46 | 1 | 3,534.63 | 1 | 3,281.99 | 1 | 3,029.35 | 1 | 2,768.39 | 1 | 2,473.06 | 1 | 2,177.07 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,758.43 | 1/4 | 3,529.37 | 1/4 | 3,276.73 | 1/4 | 3,024.09 | 1/4 | 2,762.24 | 1/4 | 2,466.89 | 1/4 | 2,170.91 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,757.40 | 1/2 | 3,524.10 | 1/2 | 3,271.46 | 1/2 | 3,018.83 | 1/2 | 2,756.09 | 1/2 | 2,460.73 | 1/2 | 2,164.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,756.37 | 3/4 | 3,518.84 | 3/4 | 3,266.20 | 3/4 | 3,013.56 | 3/4 | 2,749.95 | 3/4 | 2,454.56 | 3/4 | 2,158.57 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,753.27 | 2 | 3,513.58 | 2 | 3,260.94 | 2 | 3,008.30 | 2 | 2,743.80 | 2 | 2,448.39 | 2 | 2,152.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,750.18 | 1/4 | 3,508.31 | 1/4 | 3,255.67 | 1/4 | 3,003.04 | 1/4 | 2,737.65 | 1/4 | 2,442.23 | 1/4 | 2,146.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,747.08 | 1/2 | 3,503.05 | 1/2 | 3,250.41 | 1/2 | 2,997.77 | 1/2 | 2,731.50 | 1/2 | 2,436.06 | 1/2 | 2,140.07 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,743.98 | 3/4 | 3,497.79 | 3/4 | 3,245.15 | 3/4 | 2,992.51 | 3/4 | 2,725.36 | 3/4 | 2,429.90 | 3/4 | 2,133.91 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,739.84 | 3 | 3,492.52 | 3 | 3,239.88 | 3 | 2,987.25 | 3 | 2,719.21 | 3 | 2,423.73 | 3 | 2,127.74 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,735.69 | 1/4 | 3,487.26 | 1/4 | 3,234.62 | 1/4 | 2,981.98 | 1/4 | 2,713.06 | 1/4 | 2,417.56 | 1/4 | 2,121.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,731.55 | 1/2 | 3,482.00 | 1/2 | 3,229.36 | 1/2 | 2,976.72 | 1/2 | 2,706.91 | 1/2 | 2,411.40 | 1/2 | 2,115.41 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,727.40 | 3/4 | 3,476.73 | 3/4 | 3,224.09 | 3/4 | 2,971.46 | 3/4 | 2,700.77 | 3/4 | 2,405.23 | 3/4 | 2,109.24 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,722.28 | 4 | 3,471.47 | 4 | 3,218.83 | 4 | 2,966.19 | 4 | 2,694.62 | 4 | 2,399.06 | 4 | 2,103.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,717.15 | 1/4 | 3,466.21 | 1/4 | 3,213.57 | 1/4 | 2,960.93 | 1/4 | 2,688.47 | 1/4 | 2,392.90 | 1/4 | 2,096.91 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,712.02 | 1/2 | 3,460.94 | 1/2 | 3,208.30 | 1/2 | 2,955.67 | 1/2 | 2,682.32 | 1/2 | 2,386.73 | 1/2 | 2,090.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,706.89 | 3/4 | 3,455.68 | 3/4 | 3,203.04 | 3/4 | 2,950.40 | 3/4 | 2,676.18 | 3/4 | 2,380.56 | 3/4 | 2,084.58 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,701.72 | 5 | 3,450.42 | 5 | 3,197.78 | 5 | 2,945.14 | 5 | 2,670.03 | 5 | 2,374.40 | 5 | 2,078.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,696.56 | 1/4 | 3,445.15 | 1/4 | 3,192.51 | 1/4 | 2,939.88 | 1/4 | 2,663.88 | 1/4 | 2,368.23 | 1/4 | 2,072.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,691.39 | 1/2 | 3,439.89 | 1/2 | 3,187.25 | 1/2 | 2,934.61 | 1/2 | 2,657.73 | 1/2 | 2,362.06 | 1/2 | 2,066.08 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,686.23 | 3/4 | 3,434.63 | 3/4 | 3,181.99 | 3/4 | 2,929.35 | 3/4 | 2,651.58 | 3/4 | 2,355.90 | 3/4 | 2,059.91 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,681.05 | 6 | 3,429.36 | 6 | 3,176.72 | 6 | 2,924.09 | 6 | 2,645.44 | 6 | 2,349.73 | 6 | 2,053.74 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,675.87 | 1/4 | 3,424.10 | 1/4 | 3,171.46 | 1/4 | 2,918.82 | 1/4 | 2,639.29 | 1/4 | 2,343.57 | 1/4 | 2,047.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,670.69 | 1/2 | 3,418.84 | 1/2 | 3,166.20 | 1/2 | 2,913.56 | 1/2 | 2,633.14 | 1/2 | 2,337.40 | 1/2 | 2,041.41 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,665.51 | 3/4 | 3,413.57 | 3/4 | 3,160.93 | 3/4 | 2,908.30 | 3/4 | 2,626.99 | 3/4 | 2,331.23 | 3/4 | 2,035.25 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,660.34 | 7 | 3,408.31 | 7 | 3,155.67 | 7 | 2,903.03 | 7 | 2,620.85 | 7 | 2,325.07 | 7 | 2,029.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,655.16 | 1/4 | 3,403.05 | 1/4 | 3,150.41 | 1/4 | 2,897.77 | 1/4 | 2,614.70 | 1/4 | 2,318.90 | 1/4 | 2,022.91 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,649.99 | 1/2 | 3,397.78 | 1/2 | 3,145.14 | 1/2 | 2,892.51 | 1/2 | 2,608.55 | 1/2 | 2,312.73 | 1/2 | 2,016.75 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,644.81 | 3/4 | 3,392.52 | 3/4 | 3,139.88 | 3/4 | 2,887.24 | 3/4 | 2,602.40 | 3/4 | 2,306.57 | 3/4 | 2,010.58 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,639.63 | 8 | 3,387.26 | 8 | 3,134.62 | 8 | 2,881.98 | 8 | 2,596.26 | 8 | 2,300.40 | 8 | 2,004.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,634.46 | 1/4 | 3,381.99 | 1/4 | 3,129.35 | 1/4 | 2,876.72 | 1/4 | 2,590.11 | 1/4 | 2,294.23 | 1/4 | 1,998.25 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,629.28 | 1/2 | 3,376.73 | 1/2 | 3,124.09 | 1/2 | 2,871.45 | 1/2 | 2,583.96 | 1/2 | 2,288.07 | 1/2 | 1,992.08 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,624.10 | 3/4 | 3,371.47 | 3/4 | 3,118.83 | 3/4 | 2,866.19 | 3/4 | 2,577.81 | 3/4 | 2,281.90 | 3/4 | 1,985.91 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,618.84 | 9 | 3,366.20 | 9 | 3,113.56 | 9 | 2,860.90 | 9 | 2,571.67 | 9 | 2,275.74 | 9 | 1,979.75 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,613.58 | 1/4 | 3,360.94 | 1/4 | 3,108.30 | 1/4 | 2,855.61 | 1/4 | 2,565.52 | 1/4 | 2,269.57 | 1/4 | 1,973.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,608.31 | 1/2 | 3,355.68 | 1/2 | 3,103.04 | 1/2 | 2,850.32 | 1/2 | 2,559.37 | 1/2 | 2,263.40 | 1/2 | 1,967.42 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,603.05 | 3/4 | 3,350.41 | 3/4 | 3,097.77 | 3/4 | 2,845.04 | 3/4 | 2,553.22 | 3/4 | 2,257.24 | 3/4 | 1,961.25 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,597.79 | 10 | 3,345.15 | 10 | 3,092.51 | 10 | 2,839.75 | 10 | 2,547.06 | 10 | 2,251.07 | 10 | 1,955.08 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,592.52 | 1/4 | 3,339.89 | 1/4 | 3,087.25 | 1/4 | 2,834.46 | 1/4 | 2,540.89 | 1/4 | 2,244.90 | 1/4 | 1,948.92 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,587.26 | 1/2 | 3,334.62 | 1/2 | 3,081.98 | 1/2 | 2,829.17 | 1/2 | 2,534.72 | 1/2 | 2,238.74 | 1/2 | 1,942.75 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,582.00 | 3/4 | 3,329.36 | 3/4 | 3,076.72 | 3/4 | 2,823.88 | 3/4 | 2,528.56 | 3/4 | 2,232.57 | 3/4 | 1,936.58 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,576.74 | 11 | 3,324.10 | 11 | 3,071.46 | 11 | 2,817.69 | 11 | 2,522.39 | 11 | 2,226.40 | 11 | 1,930.42 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,571.47 | 1/4 | 3,318.83 | 1/4 | 3,066.19 | 1/4 | 2,811.51 | 1/4 | 2,516.22 | 1/4 | 2,220.24 | 1/4 | 1,924.25 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,566.21 | 1/2 | 3,313.57 | 1/2 | 3,060.93 | 1/2 | 2,805.32 | 1/2 | 2,510.06 | 1/2 | 2,214.07 | 1/2 | 1,918.08 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,560.95 | 3/4 | 3,308.31 | 3/4 | 3,055.67 | 3/4 | 2,799.13 | 3/4 | 2,503.89 | 3/4 | 2,207.90 | 3/4 | 1,911.92 |

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'-06" FORWARD OF AFT BULKHEAD

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 10058"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|---------|-----|--------|-----|--------|----|--------|
| 0 | 1,905.75 | 0 | 1,609.54 | 0 | 1,313.16 | 0 | 1,016.76 | 0 | 726.10 | 0 | 429.88 | 0 | 133.26 | 0 | | 0 | | | |
| 1/4 | 1,899.58 | 1/4 | 1,603.37 | 1/4 | 1,306.98 | 1/4 | 1,010.59 | 1/4 | 720.02 | 1/4 | 423.70 | 1/4 | 127.09 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,893.42 | 1/2 | 1,597.20 | 1/2 | 1,300.81 | 1/2 | 1,004.41 | 1/2 | 713.94 | 1/2 | 417.52 | 1/2 | 120.92 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,887.25 | 3/4 | 1,591.03 | 3/4 | 1,294.63 | 3/4 | 998.24 | 3/4 | 707.86 | 3/4 | 411.34 | 3/4 | 114.75 | 3/4 | | 3/4 | | | 3/4 |
| 1 | 1,881.09 | 1 | 1,584.85 | 1 | 1,288.46 | 1 | 992.06 | 1 | 701.70 | 1 | 405.16 | 1 | 108.60 | 1 | | 1 | | | 1 |
| 1/4 | 1,874.92 | 1/4 | 1,578.68 | 1/4 | 1,282.28 | 1/4 | 985.89 | 1/4 | 695.54 | 1/4 | 398.98 | 1/4 | 102.45 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,868.76 | 1/2 | 1,572.50 | 1/2 | 1,276.11 | 1/2 | 979.71 | 1/2 | 689.38 | 1/2 | 392.80 | 1/2 | 96.29 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,862.59 | 3/4 | 1,566.33 | 3/4 | 1,269.93 | 3/4 | 973.54 | 3/4 | 683.22 | 3/4 | 386.62 | 3/4 | 90.14 | 3/4 | | 3/4 | | | 3/4 |
| 2 | 1,856.42 | 2 | 1,560.15 | 2 | 1,263.76 | 2 | 967.43 | 2 | 677.04 | 2 | 380.44 | 2 | 84.02 | 2 | | 2 | | | 2 |
| 1/4 | 1,850.25 | 1/4 | 1,553.98 | 1/4 | 1,257.58 | 1/4 | 961.32 | 1/4 | 670.86 | 1/4 | 374.27 | 1/4 | 77.90 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,844.09 | 1/2 | 1,547.81 | 1/2 | 1,251.41 | 1/2 | 955.20 | 1/2 | 664.68 | 1/2 | 368.09 | 1/2 | 71.78 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,837.92 | 3/4 | 1,541.63 | 3/4 | 1,245.24 | 3/4 | 949.09 | 3/4 | 658.51 | 3/4 | 361.91 | 3/4 | 65.66 | 3/4 | | 3/4 | | | 3/4 |
| 3 | 1,831.75 | 3 | 1,535.46 | 3 | 1,239.06 | 3 | 943.04 | 3 | 652.33 | 3 | 355.73 | 3 | 59.60 | 3 | | 3 | | | 3 |
| 1/4 | 1,825.59 | 1/4 | 1,529.28 | 1/4 | 1,232.89 | 1/4 | 936.99 | 1/4 | 646.15 | 1/4 | 349.55 | 1/4 | 53.54 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,819.42 | 1/2 | 1,523.11 | 1/2 | 1,226.71 | 1/2 | 930.94 | 1/2 | 639.97 | 1/2 | 343.37 | 1/2 | 47.48 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,813.26 | 3/4 | 1,516.93 | 3/4 | 1,220.54 | 3/4 | 924.89 | 3/4 | 633.79 | 3/4 | 337.19 | 3/4 | 41.41 | 3/4 | | 3/4 | | | 3/4 |
| 4 | 1,807.08 | 4 | 1,510.76 | 4 | 1,214.36 | 4 | 918.84 | 4 | 627.61 | 4 | 331.01 | 4 | 35.26 | 4 | | 4 | | | 4 |
| 1/4 | 1,800.91 | 1/4 | 1,504.58 | 1/4 | 1,208.19 | 1/4 | 912.80 | 1/4 | 621.43 | 1/4 | 324.83 | 1/4 | 29.11 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,794.73 | 1/2 | 1,498.41 | 1/2 | 1,202.01 | 1/2 | 906.75 | 1/2 | 615.25 | 1/2 | 318.65 | 1/2 | 22.96 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,788.56 | 3/4 | 1,492.23 | 3/4 | 1,195.84 | 3/4 | 900.70 | 3/4 | 609.08 | 3/4 | 312.47 | 3/4 | 16.81 | 3/4 | | 3/4 | | | 3/4 |
| 5 | 1,782.38 | 5 | 1,486.06 | 5 | 1,189.66 | 5 | 894.67 | 5 | 602.90 | 5 | 306.29 | 5 | 10.66 | 5 | | 5 | | | 5 |
| 1/4 | 1,776.21 | 1/4 | 1,479.88 | 1/4 | 1,183.49 | 1/4 | 888.64 | 1/4 | 596.72 | 1/4 | 300.12 | 1/4 | 4.62 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,770.03 | 1/2 | 1,473.71 | 1/2 | 1,177.31 | 1/2 | 882.60 | 1/2 | 590.54 | 1/2 | 293.94 | 1/2 | -1.53 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,763.86 | 3/4 | 1,467.53 | 3/4 | 1,171.14 | 3/4 | 876.57 | 3/4 | 584.36 | 3/4 | 287.76 | 3/4 | -7.68 | 3/4 | | 3/4 | | | 3/4 |
| 6 | 1,757.68 | 6 | 1,461.36 | 6 | 1,164.96 | 6 | 870.55 | 6 | 578.18 | 6 | 281.58 | 6 | -13.83 | 6 | | 6 | | | 6 |
| 1/4 | 1,751.51 | 1/4 | 1,455.18 | 1/4 | 1,158.79 | 1/4 | 864.54 | 1/4 | 572.00 | 1/4 | 275.40 | 1/4 | -20.00 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,745.33 | 1/2 | 1,449.01 | 1/2 | 1,152.61 | 1/2 | 858.52 | 1/2 | 565.82 | 1/2 | 269.22 | 1/2 | -26.15 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,739.16 | 3/4 | 1,442.83 | 3/4 | 1,146.44 | 3/4 | 852.51 | 3/4 | 559.64 | 3/4 | 263.04 | 3/4 | -32.30 | 3/4 | | 3/4 | | | 3/4 |
| 7 | 1,732.99 | 7 | 1,436.66 | 7 | 1,140.26 | 7 | 846.49 | 7 | 553.46 | 7 | 256.86 | 7 | -38.45 | 7 | | 7 | | | 7 |
| 1/4 | 1,726.81 | 1/4 | 1,430.48 | 1/4 | 1,134.09 | 1/4 | 840.47 | 1/4 | 547.28 | 1/4 | 250.68 | 1/4 | -44.60 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,720.64 | 1/2 | 1,424.31 | 1/2 | 1,127.91 | 1/2 | 834.46 | 1/2 | 541.10 | 1/2 | 244.50 | 1/2 | -50.75 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,714.47 | 3/4 | 1,418.13 | 3/4 | 1,121.74 | 3/4 | 828.44 | 3/4 | 534.92 | 3/4 | 238.32 | 3/4 | -56.90 | 3/4 | | 3/4 | | | 3/4 |
| 8 | 1,708.29 | 8 | 1,411.96 | 8 | 1,115.56 | 8 | 822.43 | 8 | 528.75 | 8 | 232.14 | 8 | -63.05 | 8 | | 8 | | | 8 |
| 1/4 | 1,702.12 | 1/4 | 1,405.78 | 1/4 | 1,109.39 | 1/4 | 816.41 | 1/4 | 522.57 | 1/4 | 225.96 | 1/4 | -69.20 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,695.95 | 1/2 | 1,399.61 | 1/2 | 1,103.21 | 1/2 | 810.39 | 1/2 | 516.39 | 1/2 | 219.79 | 1/2 | -75.35 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,689.78 | 3/4 | 1,393.43 | 3/4 | 1,097.04 | 3/4 | 804.38 | 3/4 | 510.21 | 3/4 | 213.61 | 3/4 | -81.50 | 3/4 | | 3/4 | | | 3/4 |
| 9 | 1,683.61 | 9 | 1,387.26 | 9 | 1,090.86 | 9 | 798.36 | 9 | 504.03 | 9 | 207.43 | 9 | -87.65 | 9 | | 9 | | | 9 |
| 1/4 | 1,677.43 | 1/4 | 1,381.08 | 1/4 | 1,084.69 | 1/4 | 792.34 | 1/4 | 497.85 | 1/4 | 201.25 | 1/4 | -93.80 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,671.26 | 1/2 | 1,374.91 | 1/2 | 1,078.51 | 1/2 | 786.33 | 1/2 | 491.67 | 1/2 | 195.07 | 1/2 | -100.00 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,665.09 | 3/4 | 1,368.73 | 3/4 | 1,072.34 | 3/4 | 780.31 | 3/4 | 485.49 | 3/4 | 188.89 | 3/4 | -106.15 | 3/4 | | 3/4 | | | 3/4 |
| 10 | 1,658.92 | 10 | 1,362.56 | 10 | 1,066.16 | 10 | 774.30 | 10 | 479.31 | 10 | 182.71 | 10 | -112.30 | 10 | | 10 | | | 10 |
| 1/4 | 1,652.75 | 1/4 | 1,356.38 | 1/4 | 1,059.99 | 1/4 | 768.28 | 1/4 | 473.13 | 1/4 | 176.53 | 1/4 | -118.45 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,646.58 | 1/2 | 1,350.21 | 1/2 | 1,053.81 | 1/2 | 762.26 | 1/2 | 466.95 | 1/2 | 170.35 | 1/2 | -124.60 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,640.40 | 3/4 | 1,344.03 | 3/4 | 1,047.64 | 3/4 | 756.25 | 3/4 | 460.77 | 3/4 | 164.18 | 3/4 | -130.75 | 3/4 | | 3/4 | | | 3/4 |
| 11 | 1,634.23 | 11 | 1,337.86 | 11 | 1,041.46 | 11 | 750.23 | 11 | 454.60 | 11 | 157.99 | 11 | -136.90 | 11 | | 11 | | | 11 |
| 1/4 | 1,628.06 | 1/4 | 1,331.68 | 1/4 | 1,035.29 | 1/4 | 744.22 | 1/4 | 448.42 | 1/4 | 151.81 | 1/4 | -143.05 | 1/4 | | 1/4 | | | 1/4 |
| 1/2 | 1,621.89 | 1/2 | 1,325.51 | 1/2 | 1,029.11 | 1/2 | 738.20 | 1/2 | 442.24 | 1/2 | 145.62 | 1/2 | -149.20 | 1/2 | | 1/2 | | | 1/2 |
| 3/4 | 1,615.72 | 3/4 | 1,319.33 | 3/4 | 1,022.94 | 3/4 | 732.18 | 3/4 | 436.06 | 3/4 | 139.44 | 3/4 | -155.35 | 3/4 | | 3/4 | | | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2015 CL
CALCULATED: 04/06/2015 CL
PRINTED: 04/07/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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



BARGE "KIRBY 10058"

2 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 | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | | |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,263.69 | 0 | 3,001.95 | 0 | 2,740.21 | 0 | 2,478.08 | 0 | 2,214.93 | 0 | 1,951.78 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,258.24 | 1/4 | 2,996.50 | 1/4 | 2,734.75 | 1/4 | 2,472.60 | 1/4 | 2,209.45 | 1/4 | 1,946.30 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,252.79 | 1/2 | 2,991.04 | 1/2 | 2,729.30 | 1/2 | 2,467.12 | 1/2 | 2,203.97 | 1/2 | 1,940.82 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,473.88 | 3/4 | 3,247.34 | 3/4 | 2,985.59 | 3/4 | 2,723.85 | 3/4 | 2,461.63 | 3/4 | 2,198.48 | 3/4 | 1,935.33 |
| 1 | | 1 | | 1 | | 1 | | 1 | 3,472.96 | 1 | 3,241.88 | 1 | 2,980.14 | 1 | 2,718.39 | 1 | 2,456.15 | 1 | 2,193.00 | 1 | 1,929.85 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,472.05 | 1/4 | 3,236.43 | 1/4 | 2,974.69 | 1/4 | 2,712.94 | 1/4 | 2,450.67 | 1/4 | 2,187.52 | 1/4 | 1,924.37 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,471.13 | 1/2 | 3,230.98 | 1/2 | 2,969.23 | 1/2 | 2,707.49 | 1/2 | 2,445.19 | 1/2 | 2,182.04 | 1/2 | 1,918.89 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,470.22 | 3/4 | 3,225.52 | 3/4 | 2,963.78 | 3/4 | 2,702.04 | 3/4 | 2,439.71 | 3/4 | 2,176.55 | 3/4 | 1,913.40 |
| 2 | | 2 | | 2 | | 2 | | 2 | 3,467.48 | 2 | 3,220.07 | 2 | 2,958.33 | 2 | 2,696.58 | 2 | 2,434.22 | 2 | 2,171.07 | 2 | 1,907.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,464.73 | 1/4 | 3,214.62 | 1/4 | 2,952.87 | 1/4 | 2,691.13 | 1/4 | 2,428.74 | 1/4 | 2,165.59 | 1/4 | 1,902.44 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,461.99 | 1/2 | 3,209.16 | 1/2 | 2,947.42 | 1/2 | 2,685.68 | 1/2 | 2,423.26 | 1/2 | 2,160.11 | 1/2 | 1,896.96 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,459.25 | 3/4 | 3,203.71 | 3/4 | 2,941.97 | 3/4 | 2,680.22 | 3/4 | 2,417.78 | 3/4 | 2,154.63 | 3/4 | 1,891.48 |
| 3 | | 3 | | 3 | | 3 | | 3 | 3,454.81 | 3 | 3,198.26 | 3 | 2,936.51 | 3 | 2,674.77 | 3 | 2,412.29 | 3 | 2,149.14 | 3 | 1,885.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,450.36 | 1/4 | 3,192.81 | 1/4 | 2,931.06 | 1/4 | 2,669.32 | 1/4 | 2,406.81 | 1/4 | 2,143.66 | 1/4 | 1,880.51 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,445.92 | 1/2 | 3,187.35 | 1/2 | 2,925.61 | 1/2 | 2,663.86 | 1/2 | 2,401.33 | 1/2 | 2,138.18 | 1/2 | 1,875.03 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,441.48 | 3/4 | 3,181.90 | 3/4 | 2,920.16 | 3/4 | 2,658.41 | 3/4 | 2,395.85 | 3/4 | 2,132.70 | 3/4 | 1,869.55 |
| 4 | | 4 | | 4 | | 4 | | 4 | 3,436.17 | 4 | 3,176.45 | 4 | 2,914.70 | 4 | 2,652.96 | 4 | 2,390.36 | 4 | 2,127.21 | 4 | 1,864.06 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,430.85 | 1/4 | 3,170.99 | 1/4 | 2,909.25 | 1/4 | 2,647.51 | 1/4 | 2,384.88 | 1/4 | 2,121.73 | 1/4 | 1,858.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,425.54 | 1/2 | 3,165.54 | 1/2 | 2,903.80 | 1/2 | 2,642.05 | 1/2 | 2,379.40 | 1/2 | 2,116.25 | 1/2 | 1,853.10 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,420.23 | 3/4 | 3,160.09 | 3/4 | 2,898.34 | 3/4 | 2,636.60 | 3/4 | 2,373.92 | 3/4 | 2,110.77 | 3/4 | 1,847.62 |
| 5 | | 5 | | 5 | | 5 | | 5 | 3,414.88 | 5 | 3,154.63 | 5 | 2,892.89 | 5 | 2,631.15 | 5 | 2,368.44 | 5 | 2,105.28 | 5 | 1,842.13 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,409.54 | 1/4 | 3,149.18 | 1/4 | 2,887.44 | 1/4 | 2,625.69 | 1/4 | 2,362.95 | 1/4 | 2,099.80 | 1/4 | 1,836.65 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,404.19 | 1/2 | 3,143.73 | 1/2 | 2,881.98 | 1/2 | 2,620.24 | 1/2 | 2,357.47 | 1/2 | 2,094.32 | 1/2 | 1,831.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,398.85 | 3/4 | 3,138.28 | 3/4 | 2,876.53 | 3/4 | 2,614.79 | 3/4 | 2,351.99 | 3/4 | 2,088.84 | 3/4 | 1,825.69 |
| 6 | | 6 | | 6 | | 6 | | 6 | 3,393.49 | 6 | 3,132.82 | 6 | 2,871.08 | 6 | 2,609.33 | 6 | 2,346.51 | 6 | 2,083.36 | 6 | 1,820.21 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,388.13 | 1/4 | 3,127.37 | 1/4 | 2,865.63 | 1/4 | 2,603.88 | 1/4 | 2,341.02 | 1/4 | 2,077.87 | 1/4 | 1,814.72 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,382.77 | 1/2 | 3,121.92 | 1/2 | 2,860.17 | 1/2 | 2,598.43 | 1/2 | 2,335.54 | 1/2 | 2,072.39 | 1/2 | 1,809.24 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,377.42 | 3/4 | 3,116.46 | 3/4 | 2,854.72 | 3/4 | 2,592.98 | 3/4 | 2,330.06 | 3/4 | 2,066.91 | 3/4 | 1,803.76 |
| 7 | | 7 | | 7 | | 7 | | 7 | 3,372.06 | 7 | 3,111.01 | 7 | 2,849.27 | 7 | 2,587.52 | 7 | 2,324.58 | 7 | 2,061.43 | 7 | 1,798.28 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,366.71 | 1/4 | 3,105.56 | 1/4 | 2,843.81 | 1/4 | 2,582.07 | 1/4 | 2,319.09 | 1/4 | 2,055.94 | 1/4 | 1,792.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,361.35 | 1/2 | 3,100.10 | 1/2 | 2,838.36 | 1/2 | 2,576.62 | 1/2 | 2,313.61 | 1/2 | 2,050.46 | 1/2 | 1,787.31 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,356.00 | 3/4 | 3,094.65 | 3/4 | 2,832.91 | 3/4 | 2,571.16 | 3/4 | 2,308.13 | 3/4 | 2,044.98 | 3/4 | 1,781.83 |
| 8 | | 8 | | 8 | | 8 | | 8 | 3,350.65 | 8 | 3,089.20 | 8 | 2,827.45 | 8 | 2,565.71 | 8 | 2,302.65 | 8 | 2,039.50 | 8 | 1,776.35 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,345.29 | 1/4 | 3,083.75 | 1/4 | 2,822.00 | 1/4 | 2,560.26 | 1/4 | 2,297.17 | 1/4 | 2,034.01 | 1/4 | 1,770.86 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,339.94 | 1/2 | 3,078.29 | 1/2 | 2,816.55 | 1/2 | 2,554.80 | 1/2 | 2,291.68 | 1/2 | 2,028.53 | 1/2 | 1,765.38 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,334.58 | 3/4 | 3,072.84 | 3/4 | 2,811.10 | 3/4 | 2,549.35 | 3/4 | 2,286.20 | 3/4 | 2,023.05 | 3/4 | 1,759.90 |
| 9 | | 9 | | 9 | | 9 | | 9 | 3,329.13 | 9 | 3,067.39 | 9 | 2,805.64 | 9 | 2,543.87 | 9 | 2,280.72 | 9 | 2,017.57 | 9 | 1,754.42 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,323.68 | 1/4 | 3,061.93 | 1/4 | 2,800.19 | 1/4 | 2,538.39 | 1/4 | 2,275.24 | 1/4 | 2,012.09 | 1/4 | 1,748.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,318.22 | 1/2 | 3,056.48 | 1/2 | 2,794.74 | 1/2 | 2,532.90 | 1/2 | 2,269.75 | 1/2 | 2,006.60 | 1/2 | 1,743.45 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,312.77 | 3/4 | 3,051.03 | 3/4 | 2,789.28 | 3/4 | 2,527.42 | 3/4 | 2,264.27 | 3/4 | 2,001.12 | 3/4 | 1,737.97 |
| 10 | | 10 | | 10 | | 10 | | 10 | 3,307.32 | 10 | 3,045.57 | 10 | 2,783.83 | 10 | 2,521.94 | 10 | 2,258.79 | 10 | 1,995.64 | 10 | 1,732.49 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,301.87 | 1/4 | 3,040.12 | 1/4 | 2,778.38 | 1/4 | 2,516.46 | 1/4 | 2,253.31 | 1/4 | 1,990.16 | 1/4 | 1,727.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,296.41 | 1/2 | 3,034.67 | 1/2 | 2,772.92 | 1/2 | 2,510.98 | 1/2 | 2,247.82 | 1/2 | 1,984.67 | 1/2 | 1,721.52 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,290.96 | 3/4 | 3,029.22 | 3/4 | 2,767.47 | 3/4 | 2,505.49 | 3/4 | 2,242.34 | 3/4 | 1,979.19 | 3/4 | 1,716.04 |
| 11 | | 11 | | 11 | | 11 | | 11 | 3,285.51 | 11 | 3,023.76 | 11 | 2,762.02 | 11 | 2,500.01 | 11 | 2,236.86 | 11 | 1,973.71 | 11 | 1,710.56 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,280.05 | 1/4 | 3,018.31 | 1/4 | 2,756.57 | 1/4 | 2,494.53 | 1/4 | 2,231.38 | 1/4 | 1,968.23 | 1/4 | 1,705.08 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,274.60 | 1/2 | 3,012.86 | 1/2 | 2,751.11 | 1/2 | 2,489.05 | 1/2 | 2,225.90 | 1/2 | 1,962.74 | 1/2 | 1,699.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,269.15 | 3/4 | 3,007.40 | 3/4 | 2,745.66 | 3/4 | 2,483.56 | 3/4 | 2,220.41 | 3/4 | 1,957.26 | 3/4 | 1,694.11 |

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 24'-06" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10058"

2 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 | 1,688.63 | 0 | 1,425.48 | 0 | 1,162.18 | 0 | 900.47 | 0 | 641.36 | 0 | 378.19 | 0 | 114.94 | 0 | | 0 | | | |
| 1/4 | 1,683.15 | 1/4 | 1,420.00 | 1/4 | 1,156.69 | 1/4 | 895.07 | 1/4 | 635.92 | 1/4 | 372.71 | 1/4 | 109.47 | 1/4 | | 1/4 | | | |
| 1/2 | 1,677.67 | 1/2 | 1,414.52 | 1/2 | 1,151.20 | 1/2 | 889.67 | 1/2 | 630.48 | 1/2 | 367.22 | 1/2 | 104.00 | 1/2 | | 1/2 | | | |
| 3/4 | 1,672.18 | 3/4 | 1,409.03 | 3/4 | 1,145.72 | 3/4 | 884.27 | 3/4 | 625.03 | 3/4 | 361.74 | 3/4 | 98.54 | 3/4 | | 3/4 | | | |
| 1 | 1,666.70 | 1 | 1,403.55 | 1 | 1,140.23 | 1 | 878.87 | 1 | 619.55 | 1 | 356.25 | 1 | 93.08 | 1 | | 1 | | | |
| 1/4 | 1,661.22 | 1/4 | 1,398.06 | 1/4 | 1,134.75 | 1/4 | 873.47 | 1/4 | 614.06 | 1/4 | 350.77 | 1/4 | 87.63 | 1/4 | | 1/4 | | | |
| 1/2 | 1,655.74 | 1/2 | 1,392.58 | 1/2 | 1,129.26 | 1/2 | 868.07 | 1/2 | 608.58 | 1/2 | 345.28 | 1/2 | 82.18 | 1/2 | | 1/2 | | | |
| 3/4 | 1,650.25 | 3/4 | 1,387.09 | 3/4 | 1,123.78 | 3/4 | 862.67 | 3/4 | 603.09 | 3/4 | 339.80 | 3/4 | 76.73 | 3/4 | | 3/4 | | | |
| 2 | 1,644.77 | 2 | 1,381.60 | 2 | 1,118.29 | 2 | 857.26 | 2 | 597.61 | 2 | 334.31 | 2 | 71.31 | 2 | | 2 | | | |
| 1/4 | 1,639.29 | 1/4 | 1,376.12 | 1/4 | 1,112.80 | 1/4 | 851.86 | 1/4 | 592.12 | 1/4 | 328.83 | 1/4 | 65.89 | 1/4 | | 1/4 | | | |
| 1/2 | 1,633.81 | 1/2 | 1,370.63 | 1/2 | 1,107.32 | 1/2 | 846.46 | 1/2 | 586.64 | 1/2 | 323.34 | 1/2 | 60.47 | 1/2 | | 1/2 | | | |
| 3/4 | 1,628.32 | 3/4 | 1,365.15 | 3/4 | 1,101.83 | 3/4 | 841.06 | 3/4 | 581.15 | 3/4 | 317.86 | 3/4 | 55.04 | 3/4 | | 3/4 | | | |
| 3 | 1,622.84 | 3 | 1,359.66 | 3 | 1,096.35 | 3 | 835.66 | 3 | 575.67 | 3 | 312.37 | 3 | 49.67 | 3 | | 3 | | | |
| 1/4 | 1,617.36 | 1/4 | 1,354.18 | 1/4 | 1,090.86 | 1/4 | 830.26 | 1/4 | 570.18 | 1/4 | 306.89 | 1/4 | 44.30 | 1/4 | | 1/4 | | | |
| 1/2 | 1,611.88 | 1/2 | 1,348.69 | 1/2 | 1,085.38 | 1/2 | 824.86 | 1/2 | 564.69 | 1/2 | 301.40 | 1/2 | 38.93 | 1/2 | | 1/2 | | | |
| 3/4 | 1,606.40 | 3/4 | 1,343.20 | 3/4 | 1,079.89 | 3/4 | 819.46 | 3/4 | 559.21 | 3/4 | 295.92 | 3/4 | 33.56 | 3/4 | | 3/4 | | | |
| 4 | 1,600.91 | 4 | 1,337.72 | 4 | 1,074.41 | 4 | 814.06 | 4 | 553.72 | 4 | 290.43 | 4 | 28.99 | 4 | | 4 | | | |
| 1/4 | 1,595.43 | 1/4 | 1,332.23 | 1/4 | 1,068.92 | 1/4 | 808.67 | 1/4 | 548.24 | 1/4 | 284.94 | 1/4 | 24.43 | 1/4 | | 1/4 | | | |
| 1/2 | 1,589.95 | 1/2 | 1,326.75 | 1/2 | 1,063.43 | 1/2 | 803.27 | 1/2 | 542.75 | 1/2 | 279.46 | 1/2 | 19.87 | 1/2 | | 1/2 | | | |
| 3/4 | 1,584.47 | 3/4 | 1,321.26 | 3/4 | 1,057.95 | 3/4 | 797.88 | 3/4 | 537.27 | 3/4 | 273.97 | 3/4 | 15.30 | 3/4 | | 3/4 | | | |
| 5 | 1,578.98 | 5 | 1,315.78 | 5 | 1,052.46 | 5 | 792.48 | 5 | 531.78 | 5 | 268.49 | 5 | 12.56 | 5 | | 5 | | | |
| 1/4 | 1,573.50 | 1/4 | 1,310.29 | 1/4 | 1,046.98 | 1/4 | 787.08 | 1/4 | 526.30 | 1/4 | 263.00 | 1/4 | 9.82 | 1/4 | | 1/4 | | | |
| 1/2 | 1,568.02 | 1/2 | 1,304.80 | 1/2 | 1,041.49 | 1/2 | 781.69 | 1/2 | 520.81 | 1/2 | 257.52 | 1/2 | 7.08 | 1/2 | | 1/2 | | | |
| 3/4 | 1,562.54 | 3/4 | 1,299.32 | 3/4 | 1,036.01 | 3/4 | 776.29 | 3/4 | 515.33 | 3/4 | 252.03 | 3/4 | 4.33 | 3/4 | | 3/4 | | | |
| 6 | 1,557.05 | 6 | 1,293.83 | 6 | 1,030.52 | 6 | 770.90 | 6 | 509.84 | 6 | 246.55 | 6 | 3.42 | 6 | | 6 | | | |
| 1/4 | 1,551.57 | 1/4 | 1,288.35 | 1/4 | 1,025.03 | 1/4 | 765.50 | 1/4 | 504.36 | 1/4 | 241.06 | 1/4 | 2.51 | 1/4 | | 1/4 | | | |
| 1/2 | 1,546.09 | 1/2 | 1,282.86 | 1/2 | 1,019.55 | 1/2 | 760.11 | 1/2 | 498.87 | 1/2 | 235.58 | 1/2 | 1.59 | 1/2 | | 1/2 | | | |
| 3/4 | 1,540.61 | 3/4 | 1,277.38 | 3/4 | 1,014.06 | 3/4 | 754.71 | 3/4 | 493.39 | 3/4 | 230.09 | 3/4 | 0.68 | 3/4 | | 3/4 | | | |
| 7 | 1,535.13 | 7 | 1,271.89 | 7 | 1,008.62 | 7 | 749.32 | 7 | 487.90 | 7 | 224.61 | 7 | | 7 | | 7 | | | |
| 1/4 | 1,529.64 | 1/4 | 1,266.40 | 1/4 | 1,003.17 | 1/4 | 743.92 | 1/4 | 482.42 | 1/4 | 219.12 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,524.16 | 1/2 | 1,260.92 | 1/2 | 997.73 | 1/2 | 738.52 | 1/2 | 476.93 | 1/2 | 213.64 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,518.68 | 3/4 | 1,255.43 | 3/4 | 992.29 | 3/4 | 733.13 | 3/4 | 471.44 | 3/4 | 208.15 | 3/4 | | 3/4 | | 3/4 | | | |
| 8 | 1,513.20 | 8 | 1,249.95 | 8 | 986.89 | 8 | 727.73 | 8 | 465.96 | 8 | 202.67 | 8 | | 8 | | 8 | | | |
| 1/4 | 1,507.71 | 1/4 | 1,244.46 | 1/4 | 981.48 | 1/4 | 722.34 | 1/4 | 460.47 | 1/4 | 197.18 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,502.23 | 1/2 | 1,238.98 | 1/2 | 976.08 | 1/2 | 716.94 | 1/2 | 454.99 | 1/2 | 191.69 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,496.75 | 3/4 | 1,233.49 | 3/4 | 970.68 | 3/4 | 711.55 | 3/4 | 449.50 | 3/4 | 186.21 | 3/4 | | 3/4 | | 3/4 | | | |
| 9 | 1,491.27 | 9 | 1,228.00 | 9 | 965.28 | 9 | 706.15 | 9 | 444.02 | 9 | 180.72 | 9 | | 9 | | 9 | | | |
| 1/4 | 1,485.78 | 1/4 | 1,222.52 | 1/4 | 959.88 | 1/4 | 700.75 | 1/4 | 438.53 | 1/4 | 175.24 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,480.30 | 1/2 | 1,217.03 | 1/2 | 954.48 | 1/2 | 695.36 | 1/2 | 433.05 | 1/2 | 169.75 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,474.82 | 3/4 | 1,211.55 | 3/4 | 949.08 | 3/4 | 689.96 | 3/4 | 427.56 | 3/4 | 164.27 | 3/4 | | 3/4 | | 3/4 | | | |
| 10 | 1,469.34 | 10 | 1,206.06 | 10 | 943.68 | 10 | 684.57 | 10 | 422.08 | 10 | 158.78 | 10 | | 10 | | 10 | | | |
| 1/4 | 1,463.86 | 1/4 | 1,200.58 | 1/4 | 938.28 | 1/4 | 679.17 | 1/4 | 416.59 | 1/4 | 153.30 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,458.37 | 1/2 | 1,195.09 | 1/2 | 932.88 | 1/2 | 673.78 | 1/2 | 411.11 | 1/2 | 147.81 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,452.89 | 3/4 | 1,189.60 | 3/4 | 927.48 | 3/4 | 668.38 | 3/4 | 405.62 | 3/4 | 142.33 | 3/4 | | 3/4 | | 3/4 | | | |
| 11 | 1,447.41 | 11 | 1,184.12 | 11 | 922.08 | 11 | 662.99 | 11 | 400.14 | 11 | 136.85 | 11 | | 11 | | 11 | | | |
| 1/4 | 1,441.93 | 1/4 | 1,178.63 | 1/4 | 916.67 | 1/4 | 657.59 | 1/4 | 394.65 | 1/4 | 131.37 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,436.44 | 1/2 | 1,173.15 | 1/2 | 911.27 | 1/2 | 652.20 | 1/2 | 389.17 | 1/2 | 125.89 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,430.96 | 3/4 | 1,167.66 | 3/4 | 905.87 | 3/4 | 646.80 | 3/4 | 383.68 | 3/4 | 120.41 | 3/4 | | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2015 CL
CALCULATED: 04/06/2015 CL
PRINTED: 04/07/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

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



BARGE "KIRBY 10058"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|--|-------|--|-------|--|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----|----------|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | | 0 | | 0 | | 0 | | 0 | 3,247.68 | 0 | 2,988.00 | 0 | 2,728.32 | 0 | 2,468.29 | 0 | 2,207.21 | 0 | 1,946.13 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,242.27 | 1/4 | 2,982.59 | 1/4 | 2,722.91 | 1/4 | 2,462.85 | 1/4 | 2,201.77 | 1/4 | 1,940.70 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,236.86 | 1/2 | 2,977.18 | 1/2 | 2,717.50 | 1/2 | 2,457.41 | 1/2 | 2,196.33 | 1/2 | 1,935.26 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,231.45 | 3/4 | 2,971.77 | 3/4 | 2,712.09 | 3/4 | 2,451.97 | 3/4 | 2,190.89 | 3/4 | 1,929.82 | | |
| 1 | | 1 | | 1 | | 1 | 3,450.78 | 1 | 3,226.04 | 1 | 2,966.36 | 1 | 2,706.68 | 1 | 2,446.53 | 1 | 2,185.45 | 1 | 1,924.38 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,449.87 | 1/4 | 3,220.63 | 1/4 | 2,960.95 | 1/4 | 2,701.27 | 1/4 | 2,441.09 | 1/4 | 1,918.94 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,448.96 | 1/2 | 3,215.22 | 1/2 | 2,955.54 | 1/2 | 2,695.86 | 1/2 | 2,435.65 | 1/2 | 1,913.50 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,448.06 | 3/4 | 3,209.81 | 3/4 | 2,950.13 | 3/4 | 2,690.45 | 3/4 | 2,430.21 | 3/4 | 1,908.06 | | |
| 2 | | 2 | | 2 | | 2 | 3,447.15 | 2 | 3,204.40 | 2 | 2,944.72 | 2 | 2,685.04 | 2 | 2,424.77 | 2 | 2,163.70 | 2 | 1,902.62 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,444.43 | 1/4 | 3,198.99 | 1/4 | 2,939.31 | 1/4 | 2,679.63 | 1/4 | 2,419.34 | 1/4 | 1,897.18 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,441.71 | 1/2 | 3,193.58 | 1/2 | 2,933.90 | 1/2 | 2,674.22 | 1/2 | 2,413.90 | 1/2 | 1,891.74 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,438.99 | 3/4 | 3,188.17 | 3/4 | 2,928.49 | 3/4 | 2,668.81 | 3/4 | 2,408.46 | 3/4 | 1,886.30 | | |
| 3 | | 3 | | 3 | | 3 | 3,436.26 | 3 | 3,182.76 | 3 | 2,923.08 | 3 | 2,663.40 | 3 | 2,403.02 | 3 | 2,141.94 | 3 | 1,880.86 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,431.86 | 1/4 | 3,177.35 | 1/4 | 2,917.67 | 1/4 | 2,657.99 | 1/4 | 2,397.58 | 1/4 | 1,875.43 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,427.45 | 1/2 | 3,171.94 | 1/2 | 2,912.26 | 1/2 | 2,652.58 | 1/2 | 2,392.14 | 1/2 | 1,869.99 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,423.05 | 3/4 | 3,166.53 | 3/4 | 2,906.85 | 3/4 | 2,647.17 | 3/4 | 2,386.70 | 3/4 | 1,864.55 | | |
| 4 | | 4 | | 4 | | 4 | 3,418.64 | 4 | 3,161.12 | 4 | 2,901.44 | 4 | 2,641.76 | 4 | 2,381.26 | 4 | 2,120.19 | 4 | 1,859.11 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,413.37 | 1/4 | 3,155.71 | 1/4 | 2,896.03 | 1/4 | 2,636.35 | 1/4 | 2,375.82 | 1/4 | 1,853.67 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,408.10 | 1/2 | 3,150.30 | 1/2 | 2,890.62 | 1/2 | 2,630.94 | 1/2 | 2,370.38 | 1/2 | 1,848.23 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,402.83 | 3/4 | 3,144.89 | 3/4 | 2,885.21 | 3/4 | 2,625.53 | 3/4 | 2,364.94 | 3/4 | 1,842.79 | | |
| 5 | | 5 | | 5 | | 5 | 3,397.56 | 5 | 3,139.48 | 5 | 2,879.80 | 5 | 2,620.12 | 5 | 2,359.51 | 5 | 2,098.43 | 5 | 1,837.35 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,392.25 | 1/4 | 3,134.07 | 1/4 | 2,874.39 | 1/4 | 2,614.71 | 1/4 | 2,354.07 | 1/4 | 2,092.99 | 1/4 | 1,831.91 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,386.95 | 1/2 | 3,128.66 | 1/2 | 2,868.98 | 1/2 | 2,609.30 | 1/2 | 2,348.63 | 1/2 | 2,087.55 | 1/2 | 1,826.47 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,381.65 | 3/4 | 3,123.25 | 3/4 | 2,863.57 | 3/4 | 2,603.89 | 3/4 | 2,343.19 | 3/4 | 2,082.11 | 3/4 | 1,821.03 |
| 6 | | 6 | | 6 | | 6 | 3,376.35 | 6 | 3,117.84 | 6 | 2,858.16 | 6 | 2,598.48 | 6 | 2,337.75 | 6 | 2,076.67 | 6 | 1,815.60 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,371.03 | 1/4 | 3,112.43 | 1/4 | 2,852.75 | 1/4 | 2,593.07 | 1/4 | 2,332.31 | 1/4 | 2,071.23 | 1/4 | 1,810.16 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,365.71 | 1/2 | 3,107.02 | 1/2 | 2,847.34 | 1/2 | 2,587.66 | 1/2 | 2,326.87 | 1/2 | 2,065.79 | 1/2 | 1,804.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,360.40 | 3/4 | 3,101.61 | 3/4 | 2,841.93 | 3/4 | 2,582.25 | 3/4 | 2,321.43 | 3/4 | 2,060.36 | 3/4 | 1,799.28 |
| 7 | | 7 | | 7 | | 7 | 3,355.08 | 7 | 3,096.20 | 7 | 2,836.52 | 7 | 2,576.84 | 7 | 2,315.99 | 7 | 2,054.92 | 7 | 1,793.84 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,349.77 | 1/4 | 3,090.79 | 1/4 | 2,831.11 | 1/4 | 2,571.43 | 1/4 | 2,310.55 | 1/4 | 2,049.48 | 1/4 | 1,788.40 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,344.46 | 1/2 | 3,085.38 | 1/2 | 2,825.70 | 1/2 | 2,566.02 | 1/2 | 2,305.11 | 1/2 | 2,044.04 | 1/2 | 1,782.96 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,339.15 | 3/4 | 3,079.97 | 3/4 | 2,820.29 | 3/4 | 2,560.61 | 3/4 | 2,299.68 | 3/4 | 2,038.60 | 3/4 | 1,777.52 |
| 8 | | 8 | | 8 | | 8 | 3,333.84 | 8 | 3,074.56 | 8 | 2,814.88 | 8 | 2,555.20 | 8 | 2,294.24 | 8 | 2,033.16 | 8 | 1,772.08 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,328.53 | 1/4 | 3,069.15 | 1/4 | 2,809.47 | 1/4 | 2,549.79 | 1/4 | 2,288.80 | 1/4 | 2,027.72 | 1/4 | 1,766.64 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,323.22 | 1/2 | 3,063.74 | 1/2 | 2,804.06 | 1/2 | 2,544.38 | 1/2 | 2,283.36 | 1/2 | 2,022.28 | 1/2 | 1,761.20 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,317.91 | 3/4 | 3,058.33 | 3/4 | 2,798.65 | 3/4 | 2,538.97 | 3/4 | 2,277.92 | 3/4 | 2,016.84 | 3/4 | 1,755.77 |
| 9 | | 9 | | 9 | | 9 | 3,312.60 | 9 | 3,052.92 | 9 | 2,793.24 | 9 | 2,533.56 | 9 | 2,272.48 | 9 | 2,011.40 | 9 | 1,750.33 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,307.19 | 1/4 | 3,047.51 | 1/4 | 2,787.83 | 1/4 | 2,528.12 | 1/4 | 2,267.04 | 1/4 | 2,005.96 | 1/4 | 1,744.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,301.78 | 1/2 | 3,042.10 | 1/2 | 2,782.42 | 1/2 | 2,522.68 | 1/2 | 2,261.60 | 1/2 | 2,000.53 | 1/2 | 1,739.45 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,296.37 | 3/4 | 3,036.69 | 3/4 | 2,777.01 | 3/4 | 2,517.24 | 3/4 | 2,256.16 | 3/4 | 1,995.09 | 3/4 | 1,734.01 |
| 10 | | 10 | | 10 | | 10 | 3,290.96 | 10 | 3,031.28 | 10 | 2,771.60 | 10 | 2,511.80 | 10 | 2,250.72 | 10 | 1,989.65 | 10 | 1,728.57 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,285.55 | 1/4 | 3,025.87 | 1/4 | 2,766.19 | 1/4 | 2,506.36 | 1/4 | 2,245.28 | 1/4 | 1,984.21 | 1/4 | 1,723.13 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,280.14 | 1/2 | 3,020.46 | 1/2 | 2,760.78 | 1/2 | 2,500.92 | 1/2 | 2,239.85 | 1/2 | 1,978.77 | 1/2 | 1,717.69 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,274.73 | 3/4 | 3,015.05 | 3/4 | 2,755.37 | 3/4 | 2,495.48 | 3/4 | 2,234.41 | 3/4 | 1,973.33 | 3/4 | 1,712.25 |
| 11 | | 11 | | 11 | | 11 | 3,269.32 | 11 | 3,009.64 | 11 | 2,749.96 | 11 | 2,490.04 | 11 | 2,228.97 | 11 | 1,967.89 | 11 | 1,706.81 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,263.91 | 1/4 | 3,004.23 | 1/4 | 2,744.55 | 1/4 | 2,484.61 | 1/4 | 2,223.53 | 1/4 | 1,962.45 | 1/4 | 1,701.37 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,258.50 | 1/2 | 2,998.82 | 1/2 | 2,739.14 | 1/2 | 2,479.17 | 1/2 | 2,218.09 | 1/2 | 1,957.01 | 1/2 | 1,695.94 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,253.09 | 3/4 | 2,993.41 | 3/4 | 2,733.73 | 3/4 | 2,473.73 | 3/4 | 2,212.65 | 3/4 | 1,951.57 | 3/4 | 1,690.50 |

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 24'-03" FORWARD OF AFT BULKHEAD

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



BARGE "KIRBY 10058"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,685.06 | 0 | 1,423.98 | 0 | 1,162.75 | 0 | 902.23 | 0 | 641.89 | 0 | 380.67 | 0 | 119.47 | 0 | | 0 | | 0 | |
| 1/4 | 1,679.62 | 1/4 | 1,418.54 | 1/4 | 1,157.31 | 1/4 | 896.82 | 1/4 | 636.45 | 1/4 | 375.23 | 1/4 | 114.04 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,674.18 | 1/2 | 1,413.10 | 1/2 | 1,151.86 | 1/2 | 891.42 | 1/2 | 631.01 | 1/2 | 369.78 | 1/2 | 108.62 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,668.74 | 3/4 | 1,407.66 | 3/4 | 1,146.42 | 3/4 | 886.01 | 3/4 | 625.56 | 3/4 | 364.34 | 3/4 | 103.19 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,663.30 | 1 | 1,402.22 | 1 | 1,140.98 | 1 | 880.61 | 1 | 620.12 | 1 | 358.90 | 1 | 97.76 | 1 | | 1 | | 1 | |
| 1/4 | 1,657.86 | 1/4 | 1,396.78 | 1/4 | 1,135.54 | 1/4 | 875.20 | 1/4 | 614.68 | 1/4 | 353.46 | 1/4 | 92.36 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,652.42 | 1/2 | 1,391.34 | 1/2 | 1,130.09 | 1/2 | 869.79 | 1/2 | 609.24 | 1/2 | 348.02 | 1/2 | 86.95 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,646.98 | 3/4 | 1,385.90 | 3/4 | 1,124.65 | 3/4 | 864.39 | 3/4 | 603.80 | 3/4 | 342.67 | 3/4 | 81.54 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,641.54 | 2 | 1,380.45 | 2 | 1,119.21 | 2 | 858.98 | 2 | 598.36 | 2 | 337.13 | 2 | 76.13 | 2 | | 2 | | 2 | |
| 1/4 | 1,636.11 | 1/4 | 1,375.01 | 1/4 | 1,113.77 | 1/4 | 853.57 | 1/4 | 592.91 | 1/4 | 331.69 | 1/4 | 70.75 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,630.67 | 1/2 | 1,369.57 | 1/2 | 1,108.32 | 1/2 | 848.17 | 1/2 | 587.47 | 1/2 | 326.25 | 1/2 | 65.38 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,625.23 | 3/4 | 1,364.13 | 3/4 | 1,102.88 | 3/4 | 842.76 | 3/4 | 582.03 | 3/4 | 320.80 | 3/4 | 60.00 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,619.79 | 3 | 1,358.68 | 3 | 1,097.44 | 3 | 837.36 | 3 | 576.59 | 3 | 315.36 | 3 | 54.62 | 3 | | 3 | | 3 | |
| 1/4 | 1,614.35 | 1/4 | 1,353.24 | 1/4 | 1,092.00 | 1/4 | 831.95 | 1/4 | 571.15 | 1/4 | 309.92 | 1/4 | 49.29 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,608.91 | 1/2 | 1,347.80 | 1/2 | 1,086.55 | 1/2 | 826.54 | 1/2 | 565.70 | 1/2 | 304.48 | 1/2 | 43.96 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,603.47 | 3/4 | 1,342.36 | 3/4 | 1,081.11 | 3/4 | 821.14 | 3/4 | 560.26 | 3/4 | 299.04 | 3/4 | 38.63 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,598.03 | 4 | 1,336.91 | 4 | 1,075.67 | 4 | 815.73 | 4 | 554.82 | 4 | 293.59 | 4 | 33.30 | 4 | | 4 | | 4 | |
| 1/4 | 1,592.59 | 1/4 | 1,331.47 | 1/4 | 1,070.23 | 1/4 | 810.33 | 1/4 | 549.38 | 1/4 | 288.15 | 1/4 | 28.77 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,587.15 | 1/2 | 1,326.03 | 1/2 | 1,064.78 | 1/2 | 804.93 | 1/2 | 543.93 | 1/2 | 282.71 | 1/2 | 24.24 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,581.71 | 3/4 | 1,320.59 | 3/4 | 1,059.34 | 3/4 | 799.53 | 3/4 | 538.49 | 3/4 | 277.27 | 3/4 | 19.72 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,576.28 | 5 | 1,315.14 | 5 | 1,053.90 | 5 | 794.13 | 5 | 533.05 | 5 | 271.82 | 5 | 15.19 | 5 | | 5 | | 5 | |
| 1/4 | 1,570.84 | 1/4 | 1,309.70 | 1/4 | 1,048.46 | 1/4 | 788.69 | 1/4 | 527.61 | 1/4 | 266.38 | 1/4 | 12.47 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,565.40 | 1/2 | 1,304.26 | 1/2 | 1,043.01 | 1/2 | 783.25 | 1/2 | 522.17 | 1/2 | 260.94 | 1/2 | 9.75 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,559.96 | 3/4 | 1,298.81 | 3/4 | 1,037.57 | 3/4 | 777.81 | 3/4 | 516.72 | 3/4 | 255.50 | 3/4 | 7.03 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,554.52 | 6 | 1,293.37 | 6 | 1,032.13 | 6 | 772.38 | 6 | 511.28 | 6 | 250.06 | 6 | 4.30 | 6 | | 6 | | 6 | |
| 1/4 | 1,549.08 | 1/4 | 1,287.93 | 1/4 | 1,026.68 | 1/4 | 766.94 | 1/4 | 505.84 | 1/4 | 244.61 | 1/4 | 3.40 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,543.64 | 1/2 | 1,282.49 | 1/2 | 1,021.24 | 1/2 | 761.50 | 1/2 | 500.40 | 1/2 | 239.17 | 1/2 | 2.49 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,538.20 | 3/4 | 1,277.04 | 3/4 | 1,015.80 | 3/4 | 756.06 | 3/4 | 494.96 | 3/4 | 233.73 | 3/4 | 1.58 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,532.76 | 7 | 1,271.60 | 7 | 1,010.36 | 7 | 750.63 | 7 | 489.51 | 7 | 228.29 | 7 | 0.68 | 7 | | 7 | | 7 | |
| 1/4 | 1,527.32 | 1/4 | 1,266.16 | 1/4 | 1,004.95 | 1/4 | 745.19 | 1/4 | 484.07 | 1/4 | 222.85 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,521.88 | 1/2 | 1,260.72 | 1/2 | 999.54 | 1/2 | 739.75 | 1/2 | 478.63 | 1/2 | 217.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,516.45 | 3/4 | 1,255.27 | 3/4 | 994.14 | 3/4 | 734.32 | 3/4 | 473.19 | 3/4 | 211.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,511.01 | 8 | 1,249.83 | 8 | 988.73 | 8 | 728.88 | 8 | 467.74 | 8 | 206.52 | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,505.57 | 1/4 | 1,244.39 | 1/4 | 983.33 | 1/4 | 723.44 | 1/4 | 462.30 | 1/4 | 201.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,500.13 | 1/2 | 1,238.95 | 1/2 | 977.92 | 1/2 | 718.00 | 1/2 | 456.86 | 1/2 | 195.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,494.69 | 3/4 | 1,233.50 | 3/4 | 972.51 | 3/4 | 712.57 | 3/4 | 451.42 | 3/4 | 190.19 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,489.25 | 9 | 1,228.06 | 9 | 967.11 | 9 | 707.13 | 9 | 445.98 | 9 | 184.75 | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,483.81 | 1/4 | 1,222.62 | 1/4 | 961.70 | 1/4 | 701.69 | 1/4 | 440.53 | 1/4 | 179.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,478.37 | 1/2 | 1,217.18 | 1/2 | 956.29 | 1/2 | 696.26 | 1/2 | 435.09 | 1/2 | 173.87 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,472.93 | 3/4 | 1,211.73 | 3/4 | 950.89 | 3/4 | 690.82 | 3/4 | 429.65 | 3/4 | 168.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,467.49 | 10 | 1,206.29 | 10 | 945.48 | 10 | 685.38 | 10 | 424.21 | 10 | 162.98 | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,462.05 | 1/4 | 1,200.85 | 1/4 | 940.08 | 1/4 | 679.94 | 1/4 | 418.76 | 1/4 | 157.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,456.62 | 1/2 | 1,195.41 | 1/2 | 934.67 | 1/2 | 674.51 | 1/2 | 413.32 | 1/2 | 152.10 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,451.18 | 3/4 | 1,189.96 | 3/4 | 929.26 | 3/4 | 669.07 | 3/4 | 407.88 | 3/4 | 146.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,445.74 | 11 | 1,184.52 | 11 | 923.86 | 11 | 663.63 | 11 | 402.44 | 11 | 141.21 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,440.30 | 1/4 | 1,179.08 | 1/4 | 918.45 | 1/4 | 658.20 | 1/4 | 397.00 | 1/4 | 135.78 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,434.86 | 1/2 | 1,173.63 | 1/2 | 913.04 | 1/2 | 652.76 | 1/2 | 391.55 | 1/2 | 130.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,429.42 | 3/4 | 1,168.19 | 3/4 | 907.64 | 3/4 | 647.32 | 3/4 | 386.11 | 3/4 | 124.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/06/2015 CL
CALCULATED: 04/06/2015 CL
PRINTED: 04/07/2015 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2015

PRECISION MEASUREMENT
& ANALYSIS, INC.
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