



BARGE "KIRBY 10318"

ULLAGE TRIM TABLE

FORMERLY "HW 1067"

| | 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 | - 00-3/8 | 00-3/8 |
| 3 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 |

(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: 155'-06"

April 22, 2024

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

<http://www.pmacorp.net>



BARGE "KIRBY 10318"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 3,387.90 | 0 | 3,158.98 | 0 | 2,930.05 | 0 | 2,701.12 | 0 | 2,463.00 | 0 | 2,215.69 | 0 | 1,968.38 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,383.14 | 1/4 | 3,154.21 | 1/4 | 2,925.28 | 1/4 | 2,696.35 | 1/4 | 2,457.85 | 1/4 | 2,210.54 | 1/4 | 1,963.23 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,378.37 | 1/2 | 3,149.44 | 1/2 | 2,920.51 | 1/2 | 2,691.58 | 1/2 | 2,452.70 | 1/2 | 2,205.38 | 1/2 | 1,958.07 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,373.60 | 3/4 | 3,144.67 | 3/4 | 2,915.74 | 3/4 | 2,686.82 | 3/4 | 2,447.55 | 3/4 | 2,200.23 | 3/4 | 1,952.92 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 3,368.83 | 1 | 3,139.90 | 1 | 2,910.98 | 1 | 2,682.05 | 1 | 2,442.41 | 1 | 2,195.07 | 1 | 1,947.76 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,364.06 | 1/4 | 3,135.14 | 1/4 | 2,906.21 | 1/4 | 2,677.28 | 1/4 | 2,437.25 | 1/4 | 2,189.92 | 1/4 | 1,942.61 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,359.29 | 1/2 | 3,130.37 | 1/2 | 2,901.44 | 1/2 | 2,672.51 | 1/2 | 2,432.10 | 1/2 | 2,184.77 | 1/2 | 1,937.46 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,354.51 | 3/4 | 3,125.60 | 3/4 | 2,896.67 | 3/4 | 2,667.74 | 3/4 | 2,426.94 | 3/4 | 2,179.63 | 3/4 | 1,932.32 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3,349.74 | 2 | 3,120.83 | 2 | 2,891.90 | 2 | 2,662.98 | 2 | 2,421.79 | 2 | 2,174.48 | 2 | 1,927.17 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,344.97 | 1/4 | 3,116.06 | 1/4 | 2,887.13 | 1/4 | 2,658.21 | 1/4 | 2,416.63 | 1/4 | 2,169.32 | 1/4 | 1,922.01 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,340.20 | 1/2 | 3,111.29 | 1/2 | 2,882.36 | 1/2 | 2,653.44 | 1/2 | 2,411.48 | 1/2 | 2,164.17 | 1/2 | 1,916.86 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,335.44 | 3/4 | 3,106.51 | 3/4 | 2,877.58 | 3/4 | 2,648.67 | 3/4 | 2,406.32 | 3/4 | 2,159.01 | 3/4 | 1,911.70 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3,330.67 | 3 | 3,101.74 | 3 | 2,872.81 | 3 | 2,643.90 | 3 | 2,401.17 | 3 | 2,153.86 | 3 | 1,906.55 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,325.90 | 1/4 | 3,096.97 | 1/4 | 2,868.04 | 1/4 | 2,639.13 | 1/4 | 2,395.90 | 1/4 | 2,148.71 | 1/4 | 1,901.39 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,321.13 | 1/2 | 3,092.20 | 1/2 | 2,863.27 | 1/2 | 2,634.36 | 1/2 | 2,390.63 | 1/2 | 2,143.56 | 1/2 | 1,896.24 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,316.36 | 3/4 | 3,087.44 | 3/4 | 2,858.51 | 3/4 | 2,629.58 | 3/4 | 2,385.56 | 3/4 | 2,138.41 | 3/4 | 1,891.08 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3,311.60 | 4 | 3,082.67 | 4 | 2,853.74 | 4 | 2,624.81 | 4 | 2,380.10 | 4 | 2,133.26 | 4 | 1,885.93 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,306.83 | 1/4 | 3,077.90 | 1/4 | 2,848.97 | 1/4 | 2,620.04 | 1/4 | 2,375.06 | 1/4 | 2,128.11 | 1/4 | 1,880.78 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,302.06 | 1/2 | 3,073.13 | 1/2 | 2,844.20 | 1/2 | 2,615.27 | 1/2 | 2,370.02 | 1/2 | 2,122.95 | 1/2 | 1,875.63 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,297.29 | 3/4 | 3,068.36 | 3/4 | 2,839.44 | 3/4 | 2,610.51 | 3/4 | 2,364.99 | 3/4 | 2,117.80 | 3/4 | 1,870.48 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 3,481.67 | 5 | 3,292.52 | 5 | 3,063.60 | 5 | 2,834.67 | 5 | 2,605.74 | 5 | 2,359.95 | 5 | 2,112.64 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,480.48 | 1/4 | 3,287.76 | 1/4 | 3,058.83 | 1/4 | 2,829.90 | 1/4 | 2,600.97 | 1/4 | 2,354.80 | 1/4 | 2,107.49 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,479.29 | 1/2 | 3,282.99 | 1/2 | 3,054.06 | 1/2 | 2,825.13 | 1/2 | 2,596.20 | 1/2 | 2,349.65 | 1/2 | 2,102.33 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,478.10 | 3/4 | 3,278.22 | 3/4 | 3,049.29 | 3/4 | 2,820.36 | 3/4 | 2,591.43 | 3/4 | 2,344.51 | 3/4 | 2,097.18 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 3,476.90 | 6 | 3,273.45 | 6 | 3,044.52 | 6 | 2,815.60 | 6 | 2,586.67 | 6 | 2,339.36 | 6 | 2,092.02 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,474.92 | 1/4 | 3,268.68 | 1/4 | 3,039.75 | 1/4 | 2,810.83 | 1/4 | 2,581.51 | 1/4 | 2,334.20 | 1/4 | 2,086.88 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,472.93 | 1/2 | 3,263.90 | 1/2 | 3,034.98 | 1/2 | 2,806.06 | 1/2 | 2,576.36 | 1/2 | 2,329.05 | 1/2 | 2,081.73 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,470.94 | 3/4 | 3,259.13 | 3/4 | 3,030.20 | 3/4 | 2,801.29 | 3/4 | 2,571.20 | 3/4 | 2,323.89 | 3/4 | 2,076.58 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 3,468.95 | 7 | 3,254.36 | 7 | 3,025.43 | 7 | 2,796.52 | 7 | 2,566.05 | 7 | 2,318.74 | 7 | 2,071.43 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,466.17 | 1/4 | 3,249.59 | 1/4 | 3,020.66 | 1/4 | 2,791.75 | 1/4 | 2,560.90 | 1/4 | 2,313.58 | 1/4 | 2,066.27 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,463.39 | 1/2 | 3,244.82 | 1/2 | 3,015.89 | 1/2 | 2,786.98 | 1/2 | 2,555.75 | 1/2 | 2,308.43 | 1/2 | 2,061.12 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,460.61 | 3/4 | 3,240.05 | 3/4 | 3,011.13 | 3/4 | 2,782.20 | 3/4 | 2,550.60 | 3/4 | 2,303.27 | 3/4 | 2,055.96 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 3,457.83 | 8 | 3,235.29 | 8 | 3,006.36 | 8 | 2,777.43 | 8 | 2,545.45 | 8 | 2,298.12 | 8 | 2,050.81 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,454.26 | 1/4 | 3,230.52 | 1/4 | 3,001.59 | 1/4 | 2,772.66 | 1/4 | 2,540.30 | 1/4 | 2,292.97 | 1/4 | 2,045.66 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,450.68 | 1/2 | 3,225.75 | 1/2 | 2,996.82 | 1/2 | 2,767.89 | 1/2 | 2,535.14 | 1/2 | 2,287.82 | 1/2 | 2,040.51 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,447.10 | 3/4 | 3,220.98 | 3/4 | 2,992.05 | 3/4 | 2,763.13 | 3/4 | 2,529.99 | 3/4 | 2,282.67 | 3/4 | 2,035.36 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 3,443.52 | 9 | 3,216.21 | 9 | 2,987.29 | 9 | 2,758.36 | 9 | 2,524.83 | 9 | 2,277.52 | 9 | 2,030.21 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,439.15 | 1/4 | 3,211.45 | 1/4 | 2,982.52 | 1/4 | 2,753.59 | 1/4 | 2,519.68 | 1/4 | 2,272.37 | 1/4 | 2,025.06 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,434.79 | 1/2 | 3,206.68 | 1/2 | 2,977.75 | 1/2 | 2,748.82 | 1/2 | 2,514.52 | 1/2 | 2,267.21 | 1/2 | 2,019.91 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,430.42 | 3/4 | 3,201.91 | 3/4 | 2,972.98 | 3/4 | 2,744.05 | 3/4 | 2,509.37 | 3/4 | 2,262.06 | 3/4 | 2,014.75 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 3,426.05 | 10 | 3,197.14 | 10 | 2,968.21 | 10 | 2,739.29 | 10 | 2,504.21 | 10 | 2,256.90 | 10 | 2,009.60 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,421.28 | 1/4 | 3,192.37 | 1/4 | 2,963.44 | 1/4 | 2,734.52 | 1/4 | 2,499.07 | 1/4 | 2,251.76 | 1/4 | 2,004.44 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,416.51 | 1/2 | 3,187.59 | 1/2 | 2,958.67 | 1/2 | 2,729.75 | 1/2 | 2,493.92 | 1/2 | 2,246.61 | 1/2 | 1,999.29 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,411.74 | 3/4 | 3,182.82 | 3/4 | 2,953.89 | 3/4 | 2,724.98 | 3/4 | 2,488.77 | 3/4 | 2,241.46 | 3/4 | 1,994.13 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 3,406.98 | 11 | 3,178.05 | 11 | 2,949.12 | 11 | 2,720.21 | 11 | 2,483.62 | 11 | 2,236.31 | 11 | 1,988.98 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 3,402.21 | 1/4 | 3,173.28 | 1/4 | 2,944.35 | 1/4 | 2,715.44 | 1/4 | 2,478.46 | 1/4 | 2,231.16 | 1/4 | 1,983.83 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 3,397.44 | 1/2 | 3,168.51 | 1/2 | 2,939.58 | 1/2 | 2,710.67 | 1/2 | 2,473.31 | 1/2 | 2,226.00 | 1/2 | 1,978.68 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3,392.67 | 3/4 | 3,163.74 | 3/4 | 2,934.82 | 3/4 | 2,705.89 | 3/4 | 2,468.15 | 3/4 | 2,220.85 | 3/4 | 1,973.53 |

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 28'-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 10318"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 1,721.07 | 0 | 1,473.74 | 0 | 1,226.43 | 0 | 979.12 | 0 | 732.05 | 0 | 485.12 | 0 | 237.86 | 0 | 4.07 | 0 | | | |
| 1/4 | 1,715.92 | 1/4 | 1,468.59 | 1/4 | 1,221.28 | 1/4 | 973.96 | 1/4 | 726.91 | 1/4 | 479.97 | 1/4 | 232.70 | 1/4 | 3.22 | 1/4 | | | |
| 1/2 | 1,710.76 | 1/2 | 1,463.44 | 1/2 | 1,216.13 | 1/2 | 968.81 | 1/2 | 721.77 | 1/2 | 474.82 | 1/2 | 227.55 | 1/2 | 2.37 | 1/2 | | | |
| 3/4 | 1,705.61 | 3/4 | 1,458.29 | 3/4 | 1,210.98 | 3/4 | 963.65 | 3/4 | 716.64 | 3/4 | 469.67 | 3/4 | 222.39 | 3/4 | 1.52 | 3/4 | | | |
| 1 | 1,700.45 | 1 | 1,453.14 | 1 | 1,205.83 | 1 | 958.50 | 1 | 711.50 | 1 | 464.52 | 1 | 217.24 | 1 | 0.67 | 1 | | | |
| 1/4 | 1,695.30 | 1/4 | 1,448.00 | 1/4 | 1,200.68 | 1/4 | 953.35 | 1/4 | 706.36 | 1/4 | 459.37 | 1/4 | 212.09 | 1/4 | | 1/4 | | | |
| 1/2 | 1,690.14 | 1/2 | 1,442.86 | 1/2 | 1,195.52 | 1/2 | 948.20 | 1/2 | 701.21 | 1/2 | 454.21 | 1/2 | 206.94 | 1/2 | | 1/2 | | | |
| 3/4 | 1,684.99 | 3/4 | 1,437.71 | 3/4 | 1,190.37 | 3/4 | 943.05 | 3/4 | 696.07 | 3/4 | 449.06 | 3/4 | 201.79 | 3/4 | | 3/4 | | | |
| 2 | 1,679.83 | 2 | 1,432.57 | 2 | 1,185.21 | 2 | 937.90 | 2 | 690.93 | 2 | 443.90 | 2 | 196.64 | 2 | | 2 | | | |
| 1/4 | 1,674.68 | 1/4 | 1,427.41 | 1/4 | 1,180.06 | 1/4 | 932.75 | 1/4 | 685.79 | 1/4 | 438.76 | 1/4 | 191.49 | 1/4 | | 1/4 | | | |
| 1/2 | 1,669.54 | 1/2 | 1,422.25 | 1/2 | 1,174.90 | 1/2 | 927.60 | 1/2 | 680.65 | 1/2 | 433.61 | 1/2 | 186.35 | 1/2 | | 1/2 | | | |
| 3/4 | 1,664.39 | 3/4 | 1,417.09 | 3/4 | 1,169.75 | 3/4 | 922.44 | 3/4 | 675.52 | 3/4 | 428.46 | 3/4 | 181.20 | 3/4 | | 3/4 | | | |
| 3 | 1,659.24 | 3 | 1,411.93 | 3 | 1,164.60 | 3 | 917.29 | 3 | 670.38 | 3 | 423.31 | 3 | 176.05 | 3 | | 3 | | | |
| 1/4 | 1,654.08 | 1/4 | 1,406.77 | 1/4 | 1,159.45 | 1/4 | 912.14 | 1/4 | 665.24 | 1/4 | 418.15 | 1/4 | 170.89 | 1/4 | | 1/4 | | | |
| 1/2 | 1,648.93 | 1/2 | 1,401.62 | 1/2 | 1,154.30 | 1/2 | 906.99 | 1/2 | 660.11 | 1/2 | 413.00 | 1/2 | 165.74 | 1/2 | | 1/2 | | | |
| 3/4 | 1,643.77 | 3/4 | 1,396.46 | 3/4 | 1,149.15 | 3/4 | 901.84 | 3/4 | 654.97 | 3/4 | 407.85 | 3/4 | 160.58 | 3/4 | | 3/4 | | | |
| 4 | 1,638.62 | 4 | 1,391.31 | 4 | 1,144.00 | 4 | 896.69 | 4 | 649.83 | 4 | 402.69 | 4 | 155.43 | 4 | | 4 | | | |
| 1/4 | 1,633.47 | 1/4 | 1,386.15 | 1/4 | 1,138.85 | 1/4 | 891.54 | 1/4 | 644.70 | 1/4 | 397.54 | 1/4 | 150.28 | 1/4 | | 1/4 | | | |
| 1/2 | 1,628.32 | 1/2 | 1,381.00 | 1/2 | 1,133.69 | 1/2 | 886.38 | 1/2 | 639.56 | 1/2 | 392.39 | 1/2 | 145.13 | 1/2 | | 1/2 | | | |
| 3/4 | 1,623.17 | 3/4 | 1,375.85 | 3/4 | 1,128.54 | 3/4 | 881.23 | 3/4 | 634.42 | 3/4 | 387.24 | 3/4 | 139.98 | 3/4 | | 3/4 | | | |
| 5 | 1,618.02 | 5 | 1,370.69 | 5 | 1,123.38 | 5 | 876.07 | 5 | 629.29 | 5 | 382.10 | 5 | 134.83 | 5 | | 5 | | | |
| 1/4 | 1,612.87 | 1/4 | 1,365.54 | 1/4 | 1,118.23 | 1/4 | 870.92 | 1/4 | 624.15 | 1/4 | 376.94 | 1/4 | 129.68 | 1/4 | | 1/4 | | | |
| 1/2 | 1,607.71 | 1/2 | 1,360.39 | 1/2 | 1,113.08 | 1/2 | 865.76 | 1/2 | 619.02 | 1/2 | 371.79 | 1/2 | 124.52 | 1/2 | | 1/2 | | | |
| 3/4 | 1,602.56 | 3/4 | 1,355.24 | 3/4 | 1,107.93 | 3/4 | 860.61 | 3/4 | 613.89 | 3/4 | 366.63 | 3/4 | 119.37 | 3/4 | | 3/4 | | | |
| 6 | 1,597.40 | 6 | 1,350.10 | 6 | 1,102.79 | 6 | 855.45 | 6 | 608.76 | 6 | 361.48 | 6 | 114.21 | 6 | | 6 | | | |
| 1/4 | 1,592.25 | 1/4 | 1,344.94 | 1/4 | 1,097.63 | 1/4 | 850.30 | 1/4 | 603.61 | 1/4 | 356.33 | 1/4 | 109.05 | 1/4 | | 1/4 | | | |
| 1/2 | 1,587.10 | 1/2 | 1,339.79 | 1/2 | 1,092.48 | 1/2 | 845.15 | 1/2 | 598.45 | 1/2 | 351.18 | 1/2 | 103.89 | 1/2 | | 1/2 | | | |
| 3/4 | 1,581.94 | 3/4 | 1,334.63 | 3/4 | 1,087.32 | 3/4 | 840.01 | 3/4 | 593.30 | 3/4 | 346.03 | 3/4 | 98.73 | 3/4 | | 3/4 | | | |
| 7 | 1,576.79 | 7 | 1,329.48 | 7 | 1,082.17 | 7 | 834.86 | 7 | 588.14 | 7 | 340.88 | 7 | 93.57 | 7 | | 7 | | | |
| 1/4 | 1,571.64 | 1/4 | 1,324.33 | 1/4 | 1,077.01 | 1/4 | 829.70 | 1/4 | 582.99 | 1/4 | 335.73 | 1/4 | 88.40 | 1/4 | | 1/4 | | | |
| 1/2 | 1,566.49 | 1/2 | 1,319.18 | 1/2 | 1,071.86 | 1/2 | 824.55 | 1/2 | 577.85 | 1/2 | 330.58 | 1/2 | 83.24 | 1/2 | | 1/2 | | | |
| 3/4 | 1,561.34 | 3/4 | 1,314.03 | 3/4 | 1,066.70 | 3/4 | 819.39 | 3/4 | 572.70 | 3/4 | 325.43 | 3/4 | 78.07 | 3/4 | | 3/4 | | | |
| 8 | 1,556.19 | 8 | 1,308.88 | 8 | 1,061.55 | 8 | 814.24 | 8 | 567.55 | 8 | 320.29 | 8 | 72.90 | 8 | | 8 | | | |
| 1/4 | 1,551.04 | 1/4 | 1,303.73 | 1/4 | 1,056.40 | 1/4 | 809.10 | 1/4 | 562.39 | 1/4 | 315.13 | 1/4 | 67.74 | 1/4 | | 1/4 | | | |
| 1/2 | 1,545.88 | 1/2 | 1,298.57 | 1/2 | 1,051.25 | 1/2 | 803.96 | 1/2 | 557.24 | 1/2 | 309.98 | 1/2 | 62.58 | 1/2 | | 1/2 | | | |
| 3/4 | 1,540.73 | 3/4 | 1,293.42 | 3/4 | 1,046.10 | 3/4 | 798.83 | 3/4 | 552.08 | 3/4 | 304.82 | 3/4 | 57.42 | 3/4 | | 3/4 | | | |
| 9 | 1,535.57 | 9 | 1,288.26 | 9 | 1,040.95 | 9 | 793.69 | 9 | 546.93 | 9 | 299.67 | 9 | 52.26 | 9 | | 9 | | | |
| 1/4 | 1,530.42 | 1/4 | 1,283.11 | 1/4 | 1,035.80 | 1/4 | 788.55 | 1/4 | 541.78 | 1/4 | 294.52 | 1/4 | 47.10 | 1/4 | | 1/4 | | | |
| 1/2 | 1,525.27 | 1/2 | 1,277.95 | 1/2 | 1,030.64 | 1/2 | 783.42 | 1/2 | 536.63 | 1/2 | 289.37 | 1/2 | 41.93 | 1/2 | | 1/2 | | | |
| 3/4 | 1,520.12 | 3/4 | 1,272.80 | 3/4 | 1,025.49 | 3/4 | 778.28 | 3/4 | 531.48 | 3/4 | 284.22 | 3/4 | 36.76 | 3/4 | | 3/4 | | | |
| 10 | 1,514.98 | 10 | 1,267.64 | 10 | 1,020.33 | 10 | 773.14 | 10 | 526.33 | 10 | 279.07 | 10 | 31.60 | 10 | | 10 | | | |
| 1/4 | 1,509.82 | 1/4 | 1,262.49 | 1/4 | 1,015.18 | 1/4 | 768.01 | 1/4 | 521.18 | 1/4 | 273.92 | 1/4 | 27.29 | 1/4 | | 1/4 | | | |
| 1/2 | 1,504.67 | 1/2 | 1,257.35 | 1/2 | 1,010.04 | 1/2 | 762.87 | 1/2 | 516.04 | 1/2 | 268.76 | 1/2 | 22.99 | 1/2 | | 1/2 | | | |
| 3/4 | 1,499.51 | 3/4 | 1,252.20 | 3/4 | 1,004.89 | 3/4 | 757.73 | 3/4 | 510.89 | 3/4 | 263.61 | 3/4 | 18.68 | 3/4 | | 3/4 | | | |
| 11 | 1,494.36 | 11 | 1,247.05 | 11 | 999.74 | 11 | 752.60 | 11 | 505.74 | 11 | 258.45 | 11 | 14.38 | 11 | | 11 | | | |
| 1/4 | 1,489.20 | 1/4 | 1,241.89 | 1/4 | 994.58 | 1/4 | 747.46 | 1/4 | 500.58 | 1/4 | 253.30 | 1/4 | 11.80 | 1/4 | | 1/4 | | | |
| 1/2 | 1,484.05 | 1/2 | 1,236.74 | 1/2 | 989.43 | 1/2 | 742.32 | 1/2 | 495.43 | 1/2 | 248.15 | 1/2 | 9.23 | 1/2 | | 1/2 | | | |
| 3/4 | 1,478.89 | 3/4 | 1,231.58 | 3/4 | 984.27 | 3/4 | 737.18 | 3/4 | 490.27 | 3/4 | 243.01 | 3/4 | 6.65 | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1993 SI
VERIFIED: 04/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10318"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 3,475.71 | 0 | 3,226.71 | 0 | 2,977.71 | 0 | 2,728.71 | 0 | 2,479.74 | 0 | 2,230.74 | 0 | 1,981.74 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,470.52 | 1/4 | 3,221.52 | 1/4 | 2,972.53 | 1/4 | 2,723.53 | 1/4 | 2,474.55 | 1/4 | 2,225.55 | 1/4 | 1,976.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,465.33 | 1/2 | 3,216.33 | 1/2 | 2,967.35 | 1/2 | 2,718.35 | 1/2 | 2,469.36 | 1/2 | 2,220.36 | 1/2 | 1,971.37 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,460.14 | 3/4 | 3,211.14 | 3/4 | 2,962.16 | 3/4 | 2,713.16 | 3/4 | 2,464.17 | 3/4 | 2,215.17 | 3/4 | 1,966.18 |
| 1 | | 1 | | 1 | | 1 | 3,454.95 | 1 | 3,205.95 | 1 | 2,956.98 | 1 | 2,707.98 | 1 | 2,458.98 | 1 | 2,209.98 | 1 | 1,961.00 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,449.77 | 1/4 | 3,200.77 | 1/4 | 2,951.79 | 1/4 | 2,702.79 | 1/4 | 2,453.79 | 1/4 | 2,204.79 | 1/4 | 1,955.81 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,444.58 | 1/2 | 3,195.58 | 1/2 | 2,946.60 | 1/2 | 2,697.60 | 1/2 | 2,448.61 | 1/2 | 2,199.61 | 1/2 | 1,950.62 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,439.40 | 3/4 | 3,190.40 | 3/4 | 2,941.40 | 3/4 | 2,692.40 | 3/4 | 2,443.42 | 3/4 | 2,194.42 | 3/4 | 1,945.43 |
| 2 | | 2 | | 2 | | 2 | 3,434.21 | 2 | 3,185.21 | 2 | 2,936.21 | 2 | 2,687.21 | 2 | 2,438.24 | 2 | 2,189.24 | 2 | 1,940.24 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,429.02 | 1/4 | 3,180.03 | 1/4 | 2,931.03 | 1/4 | 2,682.03 | 1/4 | 2,433.05 | 1/4 | 2,184.05 | 1/4 | 1,935.05 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,423.83 | 1/2 | 3,174.85 | 1/2 | 2,925.85 | 1/2 | 2,676.85 | 1/2 | 2,427.86 | 1/2 | 2,178.86 | 1/2 | 1,929.87 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,418.64 | 3/4 | 3,169.66 | 3/4 | 2,920.66 | 3/4 | 2,671.66 | 3/4 | 2,422.67 | 3/4 | 2,173.67 | 3/4 | 1,924.68 |
| 3 | | 3 | | 3 | | 3 | 3,413.45 | 3 | 3,164.48 | 3 | 2,915.48 | 3 | 2,666.48 | 3 | 2,417.48 | 3 | 2,168.48 | 3 | 1,919.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,408.27 | 1/4 | 3,159.29 | 1/4 | 2,910.29 | 1/4 | 2,661.29 | 1/4 | 2,412.29 | 1/4 | 2,163.29 | 1/4 | 1,914.31 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,403.08 | 1/2 | 3,154.10 | 1/2 | 2,905.10 | 1/2 | 2,656.11 | 1/2 | 2,407.11 | 1/2 | 2,158.11 | 1/2 | 1,909.12 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,397.90 | 3/4 | 3,148.90 | 3/4 | 2,899.90 | 3/4 | 2,650.92 | 3/4 | 2,401.92 | 3/4 | 2,152.92 | 3/4 | 1,903.93 |
| 4 | | 4 | | 4 | | 4 | 3,392.71 | 4 | 3,143.71 | 4 | 2,894.71 | 4 | 2,645.74 | 4 | 2,396.74 | 4 | 2,147.74 | 4 | 1,898.74 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,387.52 | 1/4 | 3,138.53 | 1/4 | 2,889.53 | 1/4 | 2,640.55 | 1/4 | 2,391.55 | 1/4 | 2,142.55 | 1/4 | 1,893.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,382.33 | 1/2 | 3,133.35 | 1/2 | 2,884.35 | 1/2 | 2,635.36 | 1/2 | 2,386.36 | 1/2 | 2,137.37 | 1/2 | 1,888.37 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,377.14 | 3/4 | 3,128.16 | 3/4 | 2,879.16 | 3/4 | 2,630.17 | 3/4 | 2,381.17 | 3/4 | 2,132.18 | 3/4 | 1,883.18 |
| 5 | | 5 | | 5 | 3,577.69 | 5 | 3,371.95 | 5 | 3,122.98 | 5 | 2,873.98 | 5 | 2,624.98 | 5 | 2,375.98 | 5 | 2,127.00 | 5 | 1,878.00 |
| 1/4 | | 1/4 | | 1/4 | 3,576.39 | 1/4 | 3,366.77 | 1/4 | 3,117.79 | 1/4 | 2,868.79 | 1/4 | 2,619.79 | 1/4 | 2,370.79 | 1/4 | 2,121.81 | 1/4 | 1,872.81 |
| 1/2 | | 1/2 | | 1/2 | 3,575.10 | 1/2 | 3,361.58 | 1/2 | 3,112.60 | 1/2 | 2,863.60 | 1/2 | 2,614.61 | 1/2 | 2,365.61 | 1/2 | 2,116.62 | 1/2 | 1,867.62 |
| 3/4 | | 3/4 | | 3/4 | 3,573.80 | 3/4 | 3,356.40 | 3/4 | 3,107.40 | 3/4 | 2,858.40 | 3/4 | 2,609.42 | 3/4 | 2,360.42 | 3/4 | 2,111.43 | 3/4 | 1,862.43 |
| 6 | | 6 | | 6 | 3,572.50 | 6 | 3,351.21 | 6 | 3,102.21 | 6 | 2,853.21 | 6 | 2,604.24 | 6 | 2,355.24 | 6 | 2,106.24 | 6 | 1,857.24 |
| 1/4 | | 1/4 | | 1/4 | 3,570.23 | 1/4 | 3,346.02 | 1/4 | 3,097.03 | 1/4 | 2,848.03 | 1/4 | 2,599.05 | 1/4 | 2,350.05 | 1/4 | 2,101.05 | 1/4 | 1,852.05 |
| 1/2 | | 1/2 | | 1/2 | 3,567.95 | 1/2 | 3,340.83 | 1/2 | 3,091.85 | 1/2 | 2,842.85 | 1/2 | 2,593.86 | 1/2 | 2,344.86 | 1/2 | 2,095.87 | 1/2 | 1,846.87 |
| 3/4 | | 3/4 | | 3/4 | 3,565.68 | 3/4 | 3,335.64 | 3/4 | 3,086.66 | 3/4 | 2,837.66 | 3/4 | 2,588.67 | 3/4 | 2,339.67 | 3/4 | 2,090.68 | 3/4 | 1,841.68 |
| 7 | | 7 | | 7 | 3,563.40 | 7 | 3,330.45 | 7 | 3,081.48 | 7 | 2,832.48 | 7 | 2,583.48 | 7 | 2,334.48 | 7 | 2,085.50 | 7 | 1,836.50 |
| 1/4 | | 1/4 | | 1/4 | 3,560.49 | 1/4 | 3,325.27 | 1/4 | 3,076.29 | 1/4 | 2,827.29 | 1/4 | 2,578.29 | 1/4 | 2,329.29 | 1/4 | 2,080.31 | 1/4 | 1,831.31 |
| 1/2 | | 1/2 | | 1/2 | 3,557.58 | 1/2 | 3,320.08 | 1/2 | 3,071.10 | 1/2 | 2,822.10 | 1/2 | 2,573.11 | 1/2 | 2,324.11 | 1/2 | 2,075.12 | 1/2 | 1,826.12 |
| 3/4 | | 3/4 | | 3/4 | 3,554.67 | 3/4 | 3,314.90 | 3/4 | 3,065.90 | 3/4 | 2,816.90 | 3/4 | 2,567.92 | 3/4 | 2,318.92 | 3/4 | 2,069.93 | 3/4 | 1,820.93 |
| 8 | | 8 | | 8 | 3,551.76 | 8 | 3,309.71 | 8 | 3,060.71 | 8 | 2,811.71 | 8 | 2,562.74 | 8 | 2,313.74 | 8 | 2,064.74 | 8 | 1,815.74 |
| 1/4 | | 1/4 | | 1/4 | 3,547.87 | 1/4 | 3,304.52 | 1/4 | 3,055.53 | 1/4 | 2,806.53 | 1/4 | 2,557.55 | 1/4 | 2,308.55 | 1/4 | 2,059.54 | 1/4 | 1,810.55 |
| 1/2 | | 1/2 | | 1/2 | 3,543.99 | 1/2 | 3,299.33 | 1/2 | 3,050.35 | 1/2 | 2,801.35 | 1/2 | 2,552.36 | 1/2 | 2,303.36 | 1/2 | 2,054.33 | 1/2 | 1,805.37 |
| 3/4 | | 3/4 | | 3/4 | 3,540.10 | 3/4 | 3,294.14 | 3/4 | 3,045.16 | 3/4 | 2,796.16 | 3/4 | 2,547.17 | 3/4 | 2,298.17 | 3/4 | 2,049.13 | 3/4 | 1,800.18 |
| 9 | | 9 | | 9 | 3,536.21 | 9 | 3,288.95 | 9 | 3,039.98 | 9 | 2,790.98 | 9 | 2,541.98 | 9 | 2,292.98 | 9 | 2,043.93 | 9 | 1,795.00 |
| 1/4 | | 1/4 | | 1/4 | 3,531.46 | 1/4 | 3,283.77 | 1/4 | 3,034.79 | 1/4 | 2,785.79 | 1/4 | 2,536.79 | 1/4 | 2,287.79 | 1/4 | 2,038.76 | 1/4 | 1,789.80 |
| 1/2 | | 1/2 | | 1/2 | 3,526.71 | 1/2 | 3,278.58 | 1/2 | 3,029.60 | 1/2 | 2,780.60 | 1/2 | 2,531.61 | 1/2 | 2,282.61 | 1/2 | 2,033.58 | 1/2 | 1,784.60 |
| 3/4 | | 3/4 | | 3/4 | 3,521.96 | 3/4 | 3,273.40 | 3/4 | 3,024.40 | 3/4 | 2,775.40 | 3/4 | 2,526.42 | 3/4 | 2,277.42 | 3/4 | 2,028.41 | 3/4 | 1,779.39 |
| 10 | | 10 | | 10 | 3,517.21 | 10 | 3,268.21 | 10 | 3,019.21 | 10 | 2,770.21 | 10 | 2,521.24 | 10 | 2,272.24 | 10 | 2,023.24 | 10 | 1,774.19 |
| 1/4 | | 1/4 | | 1/4 | 3,512.02 | 1/4 | 3,263.02 | 1/4 | 3,014.03 | 1/4 | 2,765.02 | 1/4 | 2,516.05 | 1/4 | 2,267.05 | 1/4 | 2,018.05 | 1/4 | 1,769.02 |
| 1/2 | | 1/2 | | 1/2 | 3,506.83 | 1/2 | 3,257.83 | 1/2 | 3,008.85 | 1/2 | 2,759.82 | 1/2 | 2,510.86 | 1/2 | 2,261.86 | 1/2 | 2,012.87 | 1/2 | 1,763.85 |
| 3/4 | | 3/4 | | 3/4 | 3,501.64 | 3/4 | 3,252.64 | 3/4 | 3,003.66 | 3/4 | 2,754.62 | 3/4 | 2,505.67 | 3/4 | 2,256.67 | 3/4 | 2,007.68 | 3/4 | 1,758.67 |
| 11 | | 11 | | 11 | 3,496.45 | 11 | 3,247.45 | 11 | 2,998.48 | 11 | 2,749.43 | 11 | 2,500.48 | 11 | 2,251.48 | 11 | 2,002.50 | 11 | 1,753.50 |
| 1/4 | | 1/4 | | 1/4 | 3,491.27 | 1/4 | 3,242.27 | 1/4 | 2,993.29 | 1/4 | 2,744.25 | 1/4 | 2,495.29 | 1/4 | 2,246.29 | 1/4 | 1,997.31 | 1/4 | 1,748.31 |
| 1/2 | | 1/2 | | 1/2 | 3,486.08 | 1/2 | 3,237.08 | 1/2 | 2,988.10 | 1/2 | 2,739.07 | 1/2 | 2,490.11 | 1/2 | 2,241.11 | 1/2 | 1,992.12 | 1/2 | 1,743.12 |
| 3/4 | | 3/4 | | 3/4 | 3,480.90 | 3/4 | 3,231.90 | 3/4 | 2,982.90 | 3/4 | 2,733.89 | 3/4 | 2,484.92 | 3/4 | 2,235.92 | 3/4 | 1,986.93 | 3/4 | 1,737.93 |

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 28'-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 10318"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 1,732.74 | 0 | 1,483.76 | 0 | 1,234.76 | 0 | 985.76 | 0 | 737.00 | 0 | 488.40 | 0 | 239.45 | 0 | 4.10 | 0 | | | |
| 1/4 | 1,727.55 | 1/4 | 1,478.57 | 1/4 | 1,229.57 | 1/4 | 980.58 | 1/4 | 731.83 | 1/4 | 483.21 | 1/4 | 234.26 | 1/4 | 3.23 | 1/4 | | | |
| 1/2 | 1,722.37 | 1/2 | 1,473.38 | 1/2 | 1,224.38 | 1/2 | 975.39 | 1/2 | 726.65 | 1/2 | 478.02 | 1/2 | 229.07 | 1/2 | 2.36 | 1/2 | | | |
| 3/4 | 1,717.18 | 3/4 | 1,468.19 | 3/4 | 1,219.19 | 3/4 | 970.21 | 3/4 | 721.48 | 3/4 | 472.83 | 3/4 | 223.88 | 3/4 | 1.49 | 3/4 | | | |
| 1 | 1,712.00 | 1 | 1,463.00 | 1 | 1,214.00 | 1 | 965.02 | 1 | 716.31 | 1 | 467.64 | 1 | 218.69 | 1 | 0.62 | 1 | | | |
| 1/4 | 1,706.81 | 1/4 | 1,457.82 | 1/4 | 1,208.82 | 1/4 | 959.83 | 1/4 | 711.15 | 1/4 | 462.46 | 1/4 | 213.51 | 1/4 | | 1/4 | | | |
| 1/2 | 1,701.62 | 1/2 | 1,452.63 | 1/2 | 1,203.63 | 1/2 | 954.64 | 1/2 | 706.00 | 1/2 | 457.27 | 1/2 | 208.33 | 1/2 | | 1/2 | | | |
| 3/4 | 1,696.43 | 3/4 | 1,447.45 | 3/4 | 1,198.45 | 3/4 | 949.45 | 3/4 | 700.85 | 3/4 | 452.09 | 3/4 | 203.15 | 3/4 | | 3/4 | | | |
| 2 | 1,691.24 | 2 | 1,442.26 | 2 | 1,193.26 | 2 | 944.26 | 2 | 695.69 | 2 | 446.90 | 2 | 197.98 | 2 | | 2 | | | |
| 1/4 | 1,686.05 | 1/4 | 1,437.07 | 1/4 | 1,188.07 | 1/4 | 939.08 | 1/4 | 690.50 | 1/4 | 441.72 | 1/4 | 192.79 | 1/4 | | 1/4 | | | |
| 1/2 | 1,680.87 | 1/2 | 1,431.88 | 1/2 | 1,182.88 | 1/2 | 933.89 | 1/2 | 685.31 | 1/2 | 436.54 | 1/2 | 187.60 | 1/2 | | 1/2 | | | |
| 3/4 | 1,675.68 | 3/4 | 1,426.69 | 3/4 | 1,177.69 | 3/4 | 928.71 | 3/4 | 680.12 | 3/4 | 431.35 | 3/4 | 182.40 | 3/4 | | 3/4 | | | |
| 3 | 1,670.50 | 3 | 1,421.50 | 3 | 1,172.50 | 3 | 923.52 | 3 | 674.93 | 3 | 426.17 | 3 | 177.21 | 3 | | 3 | | | |
| 1/4 | 1,665.31 | 1/4 | 1,416.32 | 1/4 | 1,167.32 | 1/4 | 918.33 | 1/4 | 669.76 | 1/4 | 420.98 | 1/4 | 172.03 | 1/4 | | 1/4 | | | |
| 1/2 | 1,660.12 | 1/2 | 1,411.13 | 1/2 | 1,162.13 | 1/2 | 913.14 | 1/2 | 664.58 | 1/2 | 415.79 | 1/2 | 166.85 | 1/2 | | 1/2 | | | |
| 3/4 | 1,654.93 | 3/4 | 1,405.95 | 3/4 | 1,156.95 | 3/4 | 907.95 | 3/4 | 659.41 | 3/4 | 410.60 | 3/4 | 161.66 | 3/4 | | 3/4 | | | |
| 4 | 1,649.74 | 4 | 1,400.76 | 4 | 1,151.76 | 4 | 902.76 | 4 | 654.24 | 4 | 405.40 | 4 | 156.48 | 4 | | 4 | | | |
| 1/4 | 1,644.55 | 1/4 | 1,395.57 | 1/4 | 1,146.57 | 1/4 | 897.58 | 1/4 | 649.07 | 1/4 | 400.22 | 1/4 | 151.29 | 1/4 | | 1/4 | | | |
| 1/2 | 1,639.37 | 1/2 | 1,390.38 | 1/2 | 1,141.38 | 1/2 | 892.39 | 1/2 | 643.90 | 1/2 | 395.04 | 1/2 | 146.11 | 1/2 | | 1/2 | | | |
| 3/4 | 1,634.18 | 3/4 | 1,385.19 | 3/4 | 1,136.19 | 3/4 | 887.21 | 3/4 | 638.74 | 3/4 | 389.85 | 3/4 | 140.92 | 3/4 | | 3/4 | | | |
| 5 | 1,629.00 | 5 | 1,380.00 | 5 | 1,131.00 | 5 | 882.02 | 5 | 633.57 | 5 | 384.67 | 5 | 135.74 | 5 | | 5 | | | |
| 1/4 | 1,623.82 | 1/4 | 1,374.82 | 1/4 | 1,125.82 | 1/4 | 876.83 | 1/4 | 628.39 | 1/4 | 379.48 | 1/4 | 130.55 | 1/4 | | 1/4 | | | |
| 1/2 | 1,618.63 | 1/2 | 1,369.63 | 1/2 | 1,120.63 | 1/2 | 871.64 | 1/2 | 623.21 | 1/2 | 374.30 | 1/2 | 125.37 | 1/2 | | 1/2 | | | |
| 3/4 | 1,613.45 | 3/4 | 1,364.45 | 3/4 | 1,115.45 | 3/4 | 866.45 | 3/4 | 618.04 | 3/4 | 369.11 | 3/4 | 120.18 | 3/4 | | 3/4 | | | |
| 6 | 1,608.26 | 6 | 1,359.26 | 6 | 1,110.26 | 6 | 861.26 | 6 | 612.86 | 6 | 363.93 | 6 | 115.00 | 6 | | 6 | | | |
| 1/4 | 1,603.07 | 1/4 | 1,354.07 | 1/4 | 1,105.08 | 1/4 | 856.08 | 1/4 | 607.67 | 1/4 | 358.74 | 1/4 | 109.80 | 1/4 | | 1/4 | | | |
| 1/2 | 1,597.88 | 1/2 | 1,348.88 | 1/2 | 1,099.89 | 1/2 | 850.89 | 1/2 | 602.49 | 1/2 | 353.56 | 1/2 | 104.60 | 1/2 | | 1/2 | | | |
| 3/4 | 1,592.69 | 3/4 | 1,343.69 | 3/4 | 1,094.71 | 3/4 | 845.71 | 3/4 | 597.30 | 3/4 | 348.38 | 3/4 | 99.39 | 3/4 | | 3/4 | | | |
| 7 | 1,587.50 | 7 | 1,338.50 | 7 | 1,089.52 | 7 | 840.52 | 7 | 592.12 | 7 | 343.19 | 7 | 94.19 | 7 | | 7 | | | |
| 1/4 | 1,582.32 | 1/4 | 1,333.32 | 1/4 | 1,084.33 | 1/4 | 835.33 | 1/4 | 586.93 | 1/4 | 338.00 | 1/4 | 88.99 | 1/4 | | 1/4 | | | |
| 1/2 | 1,577.13 | 1/2 | 1,328.13 | 1/2 | 1,079.14 | 1/2 | 830.14 | 1/2 | 581.75 | 1/2 | 332.81 | 1/2 | 83.80 | 1/2 | | 1/2 | | | |
| 3/4 | 1,571.95 | 3/4 | 1,322.95 | 3/4 | 1,073.95 | 3/4 | 824.95 | 3/4 | 576.57 | 3/4 | 327.62 | 3/4 | 78.60 | 3/4 | | 3/4 | | | |
| 8 | 1,566.76 | 8 | 1,317.76 | 8 | 1,068.76 | 8 | 819.76 | 8 | 571.38 | 8 | 322.43 | 8 | 73.40 | 8 | | 8 | | | |
| 1/4 | 1,561.57 | 1/4 | 1,312.57 | 1/4 | 1,063.58 | 1/4 | 814.59 | 1/4 | 566.19 | 1/4 | 317.24 | 1/4 | 68.20 | 1/4 | | 1/4 | | | |
| 1/2 | 1,556.38 | 1/2 | 1,307.38 | 1/2 | 1,058.39 | 1/2 | 809.42 | 1/2 | 561.00 | 1/2 | 312.06 | 1/2 | 63.00 | 1/2 | | 1/2 | | | |
| 3/4 | 1,551.19 | 3/4 | 1,302.19 | 3/4 | 1,053.21 | 3/4 | 804.24 | 3/4 | 555.81 | 3/4 | 306.88 | 3/4 | 57.80 | 3/4 | | 3/4 | | | |
| 9 | 1,546.00 | 9 | 1,297.00 | 9 | 1,048.02 | 9 | 799.07 | 9 | 550.62 | 9 | 301.69 | 9 | 52.60 | 9 | | 9 | | | |
| 1/4 | 1,540.82 | 1/4 | 1,291.82 | 1/4 | 1,042.83 | 1/4 | 793.90 | 1/4 | 545.43 | 1/4 | 296.51 | 1/4 | 47.40 | 1/4 | | 1/4 | | | |
| 1/2 | 1,535.63 | 1/2 | 1,286.63 | 1/2 | 1,037.64 | 1/2 | 788.73 | 1/2 | 540.25 | 1/2 | 291.32 | 1/2 | 42.20 | 1/2 | | 1/2 | | | |
| 3/4 | 1,530.45 | 3/4 | 1,281.45 | 3/4 | 1,032.45 | 3/4 | 783.55 | 3/4 | 535.07 | 3/4 | 286.14 | 3/4 | 37.01 | 3/4 | | 3/4 | | | |
| 10 | 1,525.26 | 10 | 1,276.26 | 10 | 1,027.26 | 10 | 778.38 | 10 | 529.88 | 10 | 280.95 | 10 | 31.81 | 10 | | 10 | | | |
| 1/4 | 1,520.07 | 1/4 | 1,271.07 | 1/4 | 1,022.08 | 1/4 | 773.21 | 1/4 | 524.70 | 1/4 | 275.77 | 1/4 | 27.48 | 1/4 | | 1/4 | | | |
| 1/2 | 1,514.88 | 1/2 | 1,265.88 | 1/2 | 1,016.89 | 1/2 | 768.04 | 1/2 | 519.51 | 1/2 | 270.58 | 1/2 | 23.14 | 1/2 | | 1/2 | | | |
| 3/4 | 1,509.69 | 3/4 | 1,260.69 | 3/4 | 1,011.71 | 3/4 | 762.86 | 3/4 | 514.33 | 3/4 | 265.40 | 3/4 | 18.81 | 3/4 | | 3/4 | | | |
| 11 | 1,504.50 | 11 | 1,255.50 | 11 | 1,006.52 | 11 | 757.69 | 11 | 509.14 | 11 | 260.21 | 11 | 14.48 | 11 | | 11 | | | |
| 1/4 | 1,499.32 | 1/4 | 1,250.32 | 1/4 | 1,001.33 | 1/4 | 752.52 | 1/4 | 503.96 | 1/4 | 255.02 | 1/4 | 11.88 | 1/4 | | 1/4 | | | |
| 1/2 | 1,494.13 | 1/2 | 1,245.13 | 1/2 | 996.14 | 1/2 | 747.34 | 1/2 | 498.77 | 1/2 | 249.83 | 1/2 | 9.29 | 1/2 | | 1/2 | | | |
| 3/4 | 1,488.95 | 3/4 | 1,239.95 | 3/4 | 990.95 | 3/4 | 742.17 | 3/4 | 493.59 | 3/4 | 244.64 | 3/4 | 6.69 | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1993 SI
VERIFIED: 04/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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



BARGE "KIRBY 10318"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 3,491.52 | 0 | 3,241.43 | 0 | 2,991.33 | 0 | 2,741.24 | 0 | 2,491.14 | 0 | 2,241.05 | 0 | 1,990.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,486.31 | 1/4 | 3,236.22 | 1/4 | 2,986.13 | 1/4 | 2,736.03 | 1/4 | 2,485.93 | 1/4 | 2,235.84 | 1/4 | 1,985.76 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,481.10 | 1/2 | 3,231.01 | 1/2 | 2,980.92 | 1/2 | 2,730.82 | 1/2 | 2,480.73 | 1/2 | 2,230.63 | 1/2 | 1,980.55 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,475.88 | 3/4 | 3,225.80 | 3/4 | 2,975.71 | 3/4 | 2,725.61 | 3/4 | 2,475.52 | 3/4 | 2,225.42 | 3/4 | 1,975.33 |
| 1 | | 1 | | 1 | | 1 | 3,470.67 | 1 | 3,220.60 | 1 | 2,970.50 | 1 | 2,720.40 | 1 | 2,470.31 | 1 | 2,220.21 | 1 | 1,970.12 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,465.46 | 1/4 | 3,215.38 | 1/4 | 2,965.29 | 1/4 | 2,715.20 | 1/4 | 2,465.10 | 1/4 | 2,215.01 | 1/4 | 1,964.91 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,460.25 | 1/2 | 3,210.17 | 1/2 | 2,960.07 | 1/2 | 2,709.99 | 1/2 | 2,459.89 | 1/2 | 2,209.80 | 1/2 | 1,959.70 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,455.04 | 3/4 | 3,204.95 | 3/4 | 2,954.86 | 3/4 | 2,704.78 | 3/4 | 2,454.68 | 3/4 | 2,204.59 | 3/4 | 1,954.49 |
| 2 | | 2 | | 2 | | 2 | 3,449.83 | 2 | 3,199.74 | 2 | 2,949.64 | 2 | 2,699.57 | 2 | 2,449.48 | 2 | 2,199.38 | 2 | 1,949.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,444.63 | 1/4 | 3,194.53 | 1/4 | 2,944.43 | 1/4 | 2,694.36 | 1/4 | 2,444.26 | 1/4 | 2,194.17 | 1/4 | 1,944.08 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,439.42 | 1/2 | 3,189.32 | 1/2 | 2,939.23 | 1/2 | 2,689.14 | 1/2 | 2,439.05 | 1/2 | 2,188.96 | 1/2 | 1,938.87 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,434.21 | 3/4 | 3,184.11 | 3/4 | 2,934.02 | 3/4 | 2,683.93 | 3/4 | 2,433.83 | 3/4 | 2,183.76 | 3/4 | 1,933.66 |
| 3 | | 3 | | 3 | | 3 | 3,429.00 | 3 | 3,178.90 | 3 | 2,928.81 | 3 | 2,678.71 | 3 | 2,428.62 | 3 | 2,178.55 | 3 | 1,928.45 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,423.79 | 1/4 | 3,173.70 | 1/4 | 2,923.60 | 1/4 | 2,673.51 | 1/4 | 2,423.41 | 1/4 | 2,173.33 | 1/4 | 1,923.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,418.57 | 1/2 | 3,168.49 | 1/2 | 2,918.39 | 1/2 | 2,668.30 | 1/2 | 2,418.20 | 1/2 | 2,168.12 | 1/2 | 1,918.02 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,413.36 | 3/4 | 3,163.28 | 3/4 | 2,913.18 | 3/4 | 2,663.09 | 3/4 | 2,412.99 | 3/4 | 2,162.90 | 3/4 | 1,912.81 |
| 4 | | 4 | | 4 | | 4 | 3,408.14 | 4 | 3,158.07 | 4 | 2,907.98 | 4 | 2,657.88 | 4 | 2,407.79 | 4 | 2,157.69 | 4 | 1,907.60 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,402.93 | 1/4 | 3,152.86 | 1/4 | 2,902.76 | 1/4 | 2,652.67 | 1/4 | 2,402.58 | 1/4 | 2,152.48 | 1/4 | 1,902.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,397.73 | 1/2 | 3,147.64 | 1/2 | 2,897.55 | 1/2 | 2,647.46 | 1/2 | 2,397.37 | 1/2 | 2,147.27 | 1/2 | 1,897.18 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,392.52 | 3/4 | 3,142.43 | 3/4 | 2,892.33 | 3/4 | 2,642.26 | 3/4 | 2,392.16 | 3/4 | 2,142.07 | 3/4 | 1,891.97 |
| 5 | | 5 | | 5 | 3,593.93 | 5 | 3,387.31 | 5 | 3,137.21 | 5 | 2,887.12 | 5 | 2,637.05 | 5 | 2,386.95 | 5 | 2,136.86 | 5 | 1,886.76 |
| 1/4 | | 1/4 | | 1/4 | 3,592.63 | 1/4 | 3,382.10 | 1/4 | 3,132.01 | 1/4 | 2,881.91 | 1/4 | 2,631.83 | 1/4 | 2,381.74 | 1/4 | 2,131.65 | 1/4 | 1,881.55 |
| 1/2 | | 1/2 | | 1/2 | 3,591.32 | 1/2 | 3,376.89 | 1/2 | 3,126.80 | 1/2 | 2,876.70 | 1/2 | 2,626.62 | 1/2 | 2,376.52 | 1/2 | 2,126.44 | 1/2 | 1,876.35 |
| 3/4 | | 3/4 | | 3/4 | 3,590.02 | 3/4 | 3,371.68 | 3/4 | 3,121.59 | 3/4 | 2,871.49 | 3/4 | 2,621.40 | 3/4 | 2,371.31 | 3/4 | 2,121.23 | 3/4 | 1,871.14 |
| 6 | | 6 | | 6 | 3,588.71 | 6 | 3,366.48 | 6 | 3,116.38 | 6 | 2,866.29 | 6 | 2,616.19 | 6 | 2,366.10 | 6 | 2,116.02 | 6 | 1,866.93 |
| 1/4 | | 1/4 | | 1/4 | 3,586.55 | 1/4 | 3,361.26 | 1/4 | 3,111.17 | 1/4 | 2,861.08 | 1/4 | 2,610.98 | 1/4 | 2,360.89 | 1/4 | 2,110.81 | 1/4 | 1,860.71 |
| 1/2 | | 1/2 | | 1/2 | 3,584.38 | 1/2 | 3,356.05 | 1/2 | 3,105.96 | 1/2 | 2,855.87 | 1/2 | 2,605.77 | 1/2 | 2,355.68 | 1/2 | 2,105.60 | 1/2 | 1,855.50 |
| 3/4 | | 3/4 | | 3/4 | 3,582.21 | 3/4 | 3,350.83 | 3/4 | 3,100.76 | 3/4 | 2,850.66 | 3/4 | 2,600.57 | 3/4 | 2,350.47 | 3/4 | 2,100.38 | 3/4 | 1,850.29 |
| 7 | | 7 | | 7 | 3,580.05 | 7 | 3,345.62 | 7 | 3,095.55 | 7 | 2,845.45 | 7 | 2,595.36 | 7 | 2,345.26 | 7 | 2,095.17 | 7 | 1,845.07 |
| 1/4 | | 1/4 | | 1/4 | 3,577.01 | 1/4 | 3,340.41 | 1/4 | 3,090.33 | 1/4 | 2,840.24 | 1/4 | 2,590.15 | 1/4 | 2,340.05 | 1/4 | 2,089.96 | 1/4 | 1,839.85 |
| 1/2 | | 1/2 | | 1/2 | 3,573.96 | 1/2 | 3,335.20 | 1/2 | 3,085.12 | 1/2 | 2,835.02 | 1/2 | 2,584.94 | 1/2 | 2,334.85 | 1/2 | 2,084.75 | 1/2 | 1,834.63 |
| 3/4 | | 3/4 | | 3/4 | 3,570.92 | 3/4 | 3,329.99 | 3/4 | 3,079.90 | 3/4 | 2,829.81 | 3/4 | 2,579.73 | 3/4 | 2,329.64 | 3/4 | 2,079.54 | 3/4 | 1,829.41 |
| 8 | | 8 | | 8 | 3,567.88 | 8 | 3,324.79 | 8 | 3,074.69 | 8 | 2,824.60 | 8 | 2,574.52 | 8 | 2,324.43 | 8 | 2,074.33 | 8 | 1,824.19 |
| 1/4 | | 1/4 | | 1/4 | 3,563.98 | 1/4 | 3,319.58 | 1/4 | 3,069.48 | 1/4 | 2,819.39 | 1/4 | 2,569.31 | 1/4 | 2,319.21 | 1/4 | 2,069.13 | 1/4 | 1,818.99 |
| 1/2 | | 1/2 | | 1/2 | 3,560.07 | 1/2 | 3,314.37 | 1/2 | 3,064.27 | 1/2 | 2,814.18 | 1/2 | 2,564.10 | 1/2 | 2,314.00 | 1/2 | 2,063.92 | 1/2 | 1,813.80 |
| 3/4 | | 3/4 | | 3/4 | 3,556.17 | 3/4 | 3,309.16 | 3/4 | 3,059.07 | 3/4 | 2,808.97 | 3/4 | 2,558.88 | 3/4 | 2,308.79 | 3/4 | 2,058.71 | 3/4 | 1,808.60 |
| 9 | | 9 | | 9 | 3,552.26 | 9 | 3,303.95 | 9 | 3,053.86 | 9 | 2,803.76 | 9 | 2,553.67 | 9 | 2,303.57 | 9 | 2,053.50 | 9 | 1,803.40 |
| 1/4 | | 1/4 | | 1/4 | 3,547.49 | 1/4 | 3,298.74 | 1/4 | 3,048.65 | 1/4 | 2,798.55 | 1/4 | 2,548.46 | 1/4 | 2,298.36 | 1/4 | 2,048.29 | 1/4 | 1,798.19 |
| 1/2 | | 1/2 | | 1/2 | 3,542.73 | 1/2 | 3,293.52 | 1/2 | 3,043.44 | 1/2 | 2,793.35 | 1/2 | 2,543.25 | 1/2 | 2,293.16 | 1/2 | 2,043.07 | 1/2 | 1,792.98 |
| 3/4 | | 3/4 | | 3/4 | 3,537.96 | 3/4 | 3,288.31 | 3/4 | 3,038.23 | 3/4 | 2,788.14 | 3/4 | 2,538.04 | 3/4 | 2,287.95 | 3/4 | 2,037.86 | 3/4 | 1,787.76 |
| 10 | | 10 | | 10 | 3,533.19 | 10 | 3,283.10 | 10 | 3,033.02 | 10 | 2,782.93 | 10 | 2,532.83 | 10 | 2,282.74 | 10 | 2,032.64 | 10 | 1,782.55 |
| 1/4 | | 1/4 | | 1/4 | 3,527.98 | 1/4 | 3,277.89 | 1/4 | 3,027.81 | 1/4 | 2,777.71 | 1/4 | 2,527.63 | 1/4 | 2,277.53 | 1/4 | 2,027.43 | 1/4 | 1,777.34 |
| 1/2 | | 1/2 | | 1/2 | 3,522.77 | 1/2 | 3,272.68 | 1/2 | 3,022.60 | 1/2 | 2,772.50 | 1/2 | 2,522.42 | 1/2 | 2,272.32 | 1/2 | 2,022.23 | 1/2 | 1,772.13 |
| 3/4 | | 3/4 | | 3/4 | 3,517.57 | 3/4 | 3,267.47 | 3/4 | 3,017.38 | 3/4 | 2,767.29 | 3/4 | 2,517.21 | 3/4 | 2,267.11 | 3/4 | 2,017.02 | 3/4 | 1,766.92 |
| 11 | | 11 | | 11 | 3,512.36 | 11 | 3,262.26 | 11 | 3,012.17 | 11 | 2,762.07 | 11 | 2,512.00 | 11 | 2,261.90 | 11 | 2,011.81 | 11 | 1,761.71 |
| 1/4 | | 1/4 | | 1/4 | 3,507.15 | 1/4 | 3,257.05 | 1/4 | 3,006.96 | 1/4 | 2,756.86 | 1/4 | 2,506.79 | 1/4 | 2,256.69 | 1/4 | 2,006.60 | 1/4 | 1,756.51 |
| 1/2 | | 1/2 | | 1/2 | 3,501.94 | 1/2 | 3,251.85 | 1/2 | 3,001.75 | 1/2 | 2,751.65 | 1/2 | 2,501.57 | 1/2 | 2,251.48 | 1/2 | 2,001.39 | 1/2 | 1,751.30 |
| 3/4 | | 3/4 | | 3/4 | 3,496.73 | 3/4 | 3,246.64 | 3/4 | 2,996.54 | 3/4 | 2,746.45 | 3/4 | 2,496.36 | 3/4 | 2,246.26 | 3/4 | 1,996.18 | 3/4 | 1,746.09 |

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 28'-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 10318"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

FORMERLY "HW 1067"

GAUGE HEIGHT 17'-01"

| 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 | 1,740.88 | 0 | 1,490.79 | 0 | 1,240.69 | 0 | 990.60 | 0 | 740.55 | 0 | 490.55 | 0 | 240.50 | 0 | 4.12 | 0 | | | |
| 1/4 | 1,735.67 | 1/4 | 1,485.58 | 1/4 | 1,235.48 | 1/4 | 985.39 | 1/4 | 735.34 | 1/4 | 485.33 | 1/4 | 235.29 | 1/4 | 3.24 | 1/4 | | | |
| 1/2 | 1,730.45 | 1/2 | 1,480.37 | 1/2 | 1,230.27 | 1/2 | 980.18 | 1/2 | 730.13 | 1/2 | 480.11 | 1/2 | 230.08 | 1/2 | 2.37 | 1/2 | | | |
| 3/4 | 1,725.24 | 3/4 | 1,475.16 | 3/4 | 1,225.07 | 3/4 | 974.97 | 3/4 | 724.92 | 3/4 | 474.89 | 3/4 | 224.87 | 3/4 | 1.49 | 3/4 | | | |
| 1 | 1,720.02 | 1 | 1,469.95 | 1 | 1,219.86 | 1 | 969.76 | 1 | 719.71 | 1 | 469.67 | 1 | 219.67 | 1 | 0.62 | 1 | | | |
| 1/4 | 1,714.82 | 1/4 | 1,464.74 | 1/4 | 1,214.64 | 1/4 | 964.55 | 1/4 | 714.51 | 1/4 | 464.47 | 1/4 | 214.46 | 1/4 | 0.67 | 1/4 | | | |
| 1/2 | 1,709.61 | 1/2 | 1,459.52 | 1/2 | 1,209.43 | 1/2 | 959.35 | 1/2 | 709.30 | 1/2 | 459.27 | 1/2 | 209.25 | 1/2 | | 1/2 | | | |
| 3/4 | 1,704.40 | 3/4 | 1,454.31 | 3/4 | 1,204.21 | 3/4 | 954.14 | 3/4 | 704.09 | 3/4 | 454.08 | 3/4 | 204.04 | 3/4 | | 3/4 | | | |
| 2 | 1,699.19 | 2 | 1,449.10 | 2 | 1,199.00 | 2 | 948.93 | 2 | 698.88 | 2 | 448.88 | 2 | 198.83 | 2 | | 2 | | | |
| 1/4 | 1,693.98 | 1/4 | 1,443.89 | 1/4 | 1,193.79 | 1/4 | 943.71 | 1/4 | 693.67 | 1/4 | 443.67 | 1/4 | 193.62 | 1/4 | | 1/4 | | | |
| 1/2 | 1,688.77 | 1/2 | 1,438.68 | 1/2 | 1,188.58 | 1/2 | 938.50 | 1/2 | 688.46 | 1/2 | 438.45 | 1/2 | 188.42 | 1/2 | | 1/2 | | | |
| 3/4 | 1,683.57 | 3/4 | 1,433.47 | 3/4 | 1,183.37 | 3/4 | 933.29 | 3/4 | 683.26 | 3/4 | 433.24 | 3/4 | 183.21 | 3/4 | | 3/4 | | | |
| 3 | 1,678.36 | 3 | 1,428.26 | 3 | 1,178.17 | 3 | 928.07 | 3 | 678.05 | 3 | 428.02 | 3 | 178.00 | 3 | | 3 | | | |
| 1/4 | 1,673.15 | 1/4 | 1,423.05 | 1/4 | 1,172.96 | 1/4 | 922.86 | 1/4 | 672.84 | 1/4 | 422.81 | 1/4 | 172.79 | 1/4 | | 1/4 | | | |
| 1/2 | 1,667.94 | 1/2 | 1,417.85 | 1/2 | 1,167.75 | 1/2 | 917.66 | 1/2 | 667.63 | 1/2 | 417.61 | 1/2 | 167.58 | 1/2 | | 1/2 | | | |
| 3/4 | 1,662.73 | 3/4 | 1,412.64 | 3/4 | 1,162.54 | 3/4 | 912.45 | 3/4 | 662.42 | 3/4 | 412.40 | 3/4 | 162.37 | 3/4 | | 3/4 | | | |
| 4 | 1,657.52 | 4 | 1,407.43 | 4 | 1,157.33 | 4 | 907.24 | 4 | 657.21 | 4 | 407.19 | 4 | 157.17 | 4 | | 4 | | | |
| 1/4 | 1,652.31 | 1/4 | 1,402.21 | 1/4 | 1,152.13 | 1/4 | 902.03 | 1/4 | 652.01 | 1/4 | 401.98 | 1/4 | 151.96 | 1/4 | | 1/4 | | | |
| 1/2 | 1,647.10 | 1/2 | 1,397.00 | 1/2 | 1,146.92 | 1/2 | 896.82 | 1/2 | 646.81 | 1/2 | 396.77 | 1/2 | 146.75 | 1/2 | | 1/2 | | | |
| 3/4 | 1,641.88 | 3/4 | 1,391.79 | 3/4 | 1,141.71 | 3/4 | 891.61 | 3/4 | 641.61 | 3/4 | 391.56 | 3/4 | 141.54 | 3/4 | | 3/4 | | | |
| 5 | 1,636.67 | 5 | 1,386.57 | 5 | 1,136.50 | 5 | 886.40 | 5 | 636.40 | 5 | 386.36 | 5 | 136.33 | 5 | | 5 | | | |
| 1/4 | 1,631.46 | 1/4 | 1,381.36 | 1/4 | 1,131.29 | 1/4 | 881.19 | 1/4 | 631.20 | 1/4 | 381.15 | 1/4 | 131.13 | 1/4 | | 1/4 | | | |
| 1/2 | 1,626.25 | 1/2 | 1,376.16 | 1/2 | 1,126.07 | 1/2 | 875.98 | 1/2 | 625.99 | 1/2 | 375.94 | 1/2 | 125.92 | 1/2 | | 1/2 | | | |
| 3/4 | 1,621.04 | 3/4 | 1,370.95 | 3/4 | 1,120.86 | 3/4 | 870.76 | 3/4 | 620.78 | 3/4 | 370.73 | 3/4 | 120.71 | 3/4 | | 3/4 | | | |
| 6 | 1,615.83 | 6 | 1,365.74 | 6 | 1,115.64 | 6 | 865.55 | 6 | 615.57 | 6 | 365.52 | 6 | 115.50 | 6 | | 6 | | | |
| 1/4 | 1,610.63 | 1/4 | 1,360.53 | 1/4 | 1,110.43 | 1/4 | 860.34 | 1/4 | 610.36 | 1/4 | 360.32 | 1/4 | 110.27 | 1/4 | | 1/4 | | | |
| 1/2 | 1,605.42 | 1/2 | 1,355.32 | 1/2 | 1,105.23 | 1/2 | 855.13 | 1/2 | 605.14 | 1/2 | 355.11 | 1/2 | 105.05 | 1/2 | | 1/2 | | | |
| 3/4 | 1,600.21 | 3/4 | 1,350.11 | 3/4 | 1,100.02 | 3/4 | 849.92 | 3/4 | 599.93 | 3/4 | 349.90 | 3/4 | 99.82 | 3/4 | | 3/4 | | | |
| 7 | 1,595.00 | 7 | 1,344.90 | 7 | 1,094.81 | 7 | 844.71 | 7 | 594.71 | 7 | 344.69 | 7 | 94.60 | 7 | | 7 | | | |
| 1/4 | 1,589.79 | 1/4 | 1,339.69 | 1/4 | 1,089.60 | 1/4 | 839.51 | 1/4 | 589.51 | 1/4 | 339.48 | 1/4 | 89.38 | 1/4 | | 1/4 | | | |
| 1/2 | 1,584.57 | 1/2 | 1,334.48 | 1/2 | 1,084.39 | 1/2 | 834.30 | 1/2 | 584.30 | 1/2 | 334.27 | 1/2 | 84.16 | 1/2 | | 1/2 | | | |
| 3/4 | 1,579.36 | 3/4 | 1,329.26 | 3/4 | 1,079.18 | 3/4 | 829.09 | 3/4 | 579.09 | 3/4 | 329.07 | 3/4 | 78.93 | 3/4 | | 3/4 | | | |
| 8 | 1,574.14 | 8 | 1,324.05 | 8 | 1,073.98 | 8 | 823.88 | 8 | 573.88 | 8 | 323.86 | 8 | 73.71 | 8 | | 8 | | | |
| 1/4 | 1,568.93 | 1/4 | 1,318.84 | 1/4 | 1,068.76 | 1/4 | 818.67 | 1/4 | 568.67 | 1/4 | 318.65 | 1/4 | 68.49 | 1/4 | | 1/4 | | | |
| 1/2 | 1,563.73 | 1/2 | 1,313.63 | 1/2 | 1,063.55 | 1/2 | 813.45 | 1/2 | 563.46 | 1/2 | 313.44 | 1/2 | 63.27 | 1/2 | | 1/2 | | | |
| 3/4 | 1,558.52 | 3/4 | 1,308.42 | 3/4 | 1,058.33 | 3/4 | 808.24 | 3/4 | 558.26 | 3/4 | 308.23 | 3/4 | 58.05 | 3/4 | | 3/4 | | | |
| 9 | 1,553.31 | 9 | 1,303.21 | 9 | 1,053.12 | 9 | 803.02 | 9 | 553.05 | 9 | 303.02 | 9 | 52.83 | 9 | | 9 | | | |
| 1/4 | 1,548.10 | 1/4 | 1,298.01 | 1/4 | 1,047.91 | 1/4 | 797.82 | 1/4 | 547.84 | 1/4 | 297.82 | 1/4 | 47.61 | 1/4 | | 1/4 | | | |
| 1/2 | 1,542.89 | 1/2 | 1,292.80 | 1/2 | 1,042.70 | 1/2 | 792.62 | 1/2 | 542.63 | 1/2 | 292.61 | 1/2 | 42.39 | 1/2 | | 1/2 | | | |
| 3/4 | 1,537.68 | 3/4 | 1,287.59 | 3/4 | 1,037.49 | 3/4 | 787.42 | 3/4 | 537.42 | 3/4 | 287.40 | 3/4 | 37.17 | 3/4 | | 3/4 | | | |
| 10 | 1,532.48 | 10 | 1,282.38 | 10 | 1,032.29 | 10 | 782.21 | 10 | 532.21 | 10 | 282.19 | 10 | 31.95 | 10 | | 10 | | | |
| 1/4 | 1,527.26 | 1/4 | 1,277.17 | 1/4 | 1,027.08 | 1/4 | 777.01 | 1/4 | 527.01 | 1/4 | 276.98 | 1/4 | 27.60 | 1/4 | | 1/4 | | | |
| 1/2 | 1,522.05 | 1/2 | 1,271.95 | 1/2 | 1,021.87 | 1/2 | 771.80 | 1/2 | 521.80 | 1/2 | 271.76 | 1/2 | 23.24 | 1/2 | | 1/2 | | | |
| 3/4 | 1,516.83 | 3/4 | 1,266.74 | 3/4 | 1,016.66 | 3/4 | 766.59 | 3/4 | 516.59 | 3/4 | 266.55 | 3/4 | 18.88 | 3/4 | | 3/4 | | | |
| 11 | 1,511.62 | 11 | 1,261.52 | 11 | 1,011.45 | 11 | 761.38 | 11 | 511.38 | 11 | 261.33 | 11 | 14.52 | 11 | | 11 | | | |
| 1/4 | 1,506.41 | 1/4 | 1,256.32 | 1/4 | 1,006.24 | 1/4 | 756.17 | 1/4 | 506.17 | 1/4 | 256.12 | 1/4 | 11.92 | 1/4 | | 1/4 | | | |
| 1/2 | 1,501.20 | 1/2 | 1,251.11 | 1/2 | 1,001.02 | 1/2 | 750.96 | 1/2 | 500.96 | 1/2 | 250.92 | 1/2 | 9.32 | 1/2 | | 1/2 | | | |
| 3/4 | 1,495.99 | 3/4 | 1,245.90 | 3/4 | 995.81 | 3/4 | 745.76 | 3/4 | 495.76 | 3/4 | 245.71 | 3/4 | 6.72 | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/1993 SI
VERIFIED: 04/22/2024 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2024

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