



BARGE "KIRBY 28043"

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 PORT | - 00-1/8 | 00-1/8 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-7/8 | 00-7/8 | - 01-0/8 | 01-0/8 |
| 1 STBD | - 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 PORT | - 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 STBD | - 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 |
| 3 PORT | - 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 STBD | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-3/4 | 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 PORT IS 00-3/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 3/8"

LENGTH BETWEEN DRAFT MARKS: 236'-09"

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BARGE "KIRBY 28043"

1 PORT
ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| 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 | 4,363.85 | 0 | 4,063.95 | 0 | 3,767.32 | 0 | 3,455.99 | 0 | 3,131.10 | 0 | 2,799.06 | 0 | 2,467.00 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,358.66 | 1/4 | 4,057.93 | 1/4 | 3,760.97 | 1/4 | 3,449.36 | 1/4 | 3,124.19 | 1/4 | 2,792.15 | 1/4 | 2,460.09 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,353.46 | 1/2 | 4,051.90 | 1/2 | 3,754.62 | 1/2 | 3,442.74 | 1/2 | 3,117.29 | 1/2 | 2,785.23 | 1/2 | 2,453.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,346.55 | 3/4 | 4,045.84 | 3/4 | 3,748.25 | 3/4 | 3,436.09 | 3/4 | 3,110.37 | 3/4 | 2,778.31 | 3/4 | 2,446.25 |
| 1 | | 1 | | 1 | | 1 | 4,339.63 | 1 | 4,039.78 | 1 | 3,741.88 | 1 | 3,429.44 | 1 | 3,103.45 | 1 | 2,771.39 | 1 | 2,439.33 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,332.71 | 1/4 | 4,033.73 | 1/4 | 3,735.52 | 1/4 | 3,422.79 | 1/4 | 3,096.53 | 1/4 | 2,764.47 | 1/4 | 2,432.41 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,325.79 | 1/2 | 4,027.67 | 1/2 | 3,729.15 | 1/2 | 3,416.14 | 1/2 | 3,089.61 | 1/2 | 2,757.56 | 1/2 | 2,425.49 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,318.87 | 3/4 | 4,021.59 | 3/4 | 3,722.76 | 3/4 | 3,409.46 | 3/4 | 3,082.70 | 3/4 | 2,750.64 | 3/4 | 2,418.57 |
| 2 | | 2 | | 2 | | 2 | 4,311.95 | 2 | 4,015.52 | 2 | 3,716.37 | 2 | 3,402.79 | 2 | 3,075.78 | 2 | 2,743.72 | 2 | 2,411.65 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,305.03 | 1/4 | 4,009.44 | 1/4 | 3,709.98 | 1/4 | 3,396.11 | 1/4 | 3,068.86 | 1/4 | 2,736.80 | 1/4 | 2,404.73 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,298.11 | 1/2 | 4,003.37 | 1/2 | 3,703.59 | 1/2 | 3,389.43 | 1/2 | 3,061.94 | 1/2 | 2,729.88 | 1/2 | 2,397.82 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,291.19 | 3/4 | 3,997.27 | 3/4 | 3,697.17 | 3/4 | 3,382.74 | 3/4 | 3,055.03 | 3/4 | 2,722.97 | 3/4 | 2,390.90 |
| 3 | | 3 | | 3 | | 3 | 4,284.27 | 3 | 3,991.17 | 3 | 3,690.75 | 3 | 3,376.04 | 3 | 3,048.11 | 3 | 2,716.05 | 3 | 2,383.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,277.36 | 1/4 | 3,985.07 | 1/4 | 3,684.33 | 1/4 | 3,369.34 | 1/4 | 3,041.19 | 1/4 | 2,709.13 | 1/4 | 2,377.06 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,270.44 | 1/2 | 3,978.98 | 1/2 | 3,677.91 | 1/2 | 3,362.65 | 1/2 | 3,034.27 | 1/2 | 2,702.21 | 1/2 | 2,370.14 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,263.52 | 3/4 | 3,972.85 | 3/4 | 3,671.47 | 3/4 | 3,355.93 | 3/4 | 3,027.35 | 3/4 | 2,695.29 | 3/4 | 2,363.22 |
| 4 | | 4 | | 4 | | 4 | 4,256.60 | 4 | 3,966.73 | 4 | 3,665.04 | 4 | 3,349.21 | 4 | 3,020.44 | 4 | 2,688.38 | 4 | 2,356.30 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,249.68 | 1/4 | 3,960.60 | 1/4 | 3,658.60 | 1/4 | 3,342.49 | 1/4 | 3,013.52 | 1/4 | 2,681.46 | 1/4 | 2,349.38 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,242.76 | 1/2 | 3,954.47 | 1/2 | 3,652.16 | 1/2 | 3,335.77 | 1/2 | 3,006.60 | 1/2 | 2,674.54 | 1/2 | 2,342.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,236.86 | 3/4 | 3,948.33 | 3/4 | 3,645.70 | 3/4 | 3,329.03 | 3/4 | 2,999.68 | 3/4 | 2,667.62 | 3/4 | 2,335.54 |
| 5 | | 5 | | 5 | | 5 | 4,230.96 | 5 | 3,942.18 | 5 | 3,639.24 | 5 | 3,322.28 | 5 | 2,992.76 | 5 | 2,660.70 | 5 | 2,328.62 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,225.05 | 1/4 | 3,936.04 | 1/4 | 3,632.78 | 1/4 | 3,315.54 | 1/4 | 2,985.85 | 1/4 | 2,653.79 | 1/4 | 2,321.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,219.15 | 1/2 | 3,929.89 | 1/2 | 3,626.32 | 1/2 | 3,308.79 | 1/2 | 2,978.93 | 1/2 | 2,646.87 | 1/2 | 2,314.79 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,213.23 | 3/4 | 3,923.72 | 3/4 | 3,619.83 | 3/4 | 3,302.02 | 3/4 | 2,972.01 | 3/4 | 2,639.95 | 3/4 | 2,307.87 |
| 6 | | 6 | | 6 | | 6 | 4,207.30 | 6 | 3,917.56 | 6 | 3,613.34 | 6 | 3,295.26 | 6 | 2,965.09 | 6 | 2,633.03 | 6 | 2,300.95 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,201.38 | 1/4 | 3,911.39 | 1/4 | 3,606.86 | 1/4 | 3,288.49 | 1/4 | 2,958.17 | 1/4 | 2,626.12 | 1/4 | 2,294.03 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,195.46 | 1/2 | 3,905.22 | 1/2 | 3,600.37 | 1/2 | 3,281.72 | 1/2 | 2,951.26 | 1/2 | 2,619.20 | 1/2 | 2,287.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,189.52 | 3/4 | 3,899.03 | 3/4 | 3,593.86 | 3/4 | 3,274.92 | 3/4 | 2,944.34 | 3/4 | 2,612.28 | 3/4 | 2,280.19 |
| 7 | | 7 | | 7 | | 7 | 4,183.57 | 7 | 3,892.83 | 7 | 3,587.35 | 7 | 3,268.13 | 7 | 2,937.42 | 7 | 2,605.36 | 7 | 2,273.27 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,177.63 | 1/4 | 3,886.64 | 1/4 | 3,580.84 | 1/4 | 3,261.33 | 1/4 | 2,930.50 | 1/4 | 2,598.44 | 1/4 | 2,266.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,171.68 | 1/2 | 3,880.44 | 1/2 | 3,574.34 | 1/2 | 3,254.53 | 1/2 | 2,923.59 | 1/2 | 2,591.53 | 1/2 | 2,259.43 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,165.71 | 3/4 | 3,874.23 | 3/4 | 3,567.81 | 3/4 | 3,247.72 | 3/4 | 2,916.67 | 3/4 | 2,584.61 | 3/4 | 2,252.51 |
| 8 | | 8 | | 8 | | 8 | 4,159.74 | 8 | 3,868.01 | 8 | 3,561.28 | 8 | 3,240.90 | 8 | 2,909.75 | 8 | 2,577.69 | 8 | 2,245.59 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,153.77 | 1/4 | 3,861.79 | 1/4 | 3,554.74 | 1/4 | 3,234.09 | 1/4 | 2,902.83 | 1/4 | 2,570.77 | 1/4 | 2,238.68 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,147.80 | 1/2 | 3,855.58 | 1/2 | 3,548.21 | 1/2 | 3,227.27 | 1/2 | 2,895.91 | 1/2 | 2,563.85 | 1/2 | 2,231.76 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,141.84 | 3/4 | 3,849.31 | 3/4 | 3,541.66 | 3/4 | 3,220.44 | 3/4 | 2,889.00 | 3/4 | 2,556.94 | 3/4 | 2,224.84 |
| 9 | | 9 | | 9 | | 9 | 4,135.88 | 9 | 3,843.03 | 9 | 3,535.10 | 9 | 3,213.60 | 9 | 2,882.08 | 9 | 2,550.02 | 9 | 2,217.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,129.92 | 1/4 | 3,836.76 | 1/4 | 3,528.54 | 1/4 | 3,206.76 | 1/4 | 2,875.16 | 1/4 | 2,543.10 | 1/4 | 2,211.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,123.96 | 1/2 | 3,830.49 | 1/2 | 3,521.99 | 1/2 | 3,199.92 | 1/2 | 2,868.24 | 1/2 | 2,536.18 | 1/2 | 2,204.08 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,117.98 | 3/4 | 3,824.19 | 3/4 | 3,515.41 | 3/4 | 3,193.06 | 3/4 | 2,861.32 | 3/4 | 2,529.26 | 3/4 | 2,197.16 |
| 10 | | 10 | | 10 | | 10 | 4,112.00 | 10 | 3,817.89 | 10 | 3,508.83 | 10 | 3,186.19 | 10 | 2,854.41 | 10 | 2,522.35 | 10 | 2,190.24 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,106.02 | 1/4 | 3,811.60 | 1/4 | 3,502.25 | 1/4 | 3,179.33 | 1/4 | 2,847.49 | 1/4 | 2,515.43 | 1/4 | 2,183.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,100.04 | 1/2 | 3,805.30 | 1/2 | 3,495.67 | 1/2 | 3,172.46 | 1/2 | 2,840.57 | 1/2 | 2,508.51 | 1/2 | 2,176.40 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,094.03 | 3/4 | 3,798.98 | 3/4 | 3,489.07 | 3/4 | 3,165.57 | 3/4 | 2,833.65 | 3/4 | 2,501.59 | 3/4 | 2,169.48 |
| 11 | | 11 | | 11 | | 11 | 4,088.03 | 11 | 3,792.66 | 11 | 3,482.46 | 11 | 3,158.69 | 11 | 2,826.73 | 11 | 2,494.68 | 11 | 2,162.57 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,082.02 | 1/4 | 3,786.34 | 1/4 | 3,475.85 | 1/4 | 3,151.80 | 1/4 | 2,819.82 | 1/4 | 2,487.76 | 1/4 | 2,155.65 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,076.01 | 1/2 | 3,780.02 | 1/2 | 3,469.24 | 1/2 | 3,144.92 | 1/2 | 2,812.90 | 1/2 | 2,480.84 | 1/2 | 2,148.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,069.98 | 3/4 | 3,773.67 | 3/4 | 3,462.62 | 3/4 | 3,138.01 | 3/4 | 2,805.98 | 3/4 | 2,473.92 | 3/4 | 2,141.81 |

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 12'-09" OFF CENTERLINE AND 36'-05" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 28043"

1 PORT
ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|----|--------|
| 0 | 2,134.89 | 0 | 1,802.77 | 0 | 1,470.66 | 0 | 1,138.54 | 0 | 812.16 | 0 | 507.71 | 0 | 226.74 | 0 | | 0 | | | |
| 1/4 | 2,127.97 | 1/4 | 1,795.85 | 1/4 | 1,463.74 | 1/4 | 1,131.62 | 1/4 | 805.58 | 1/4 | 501.60 | 1/4 | 221.13 | 1/4 | | 1/4 | | | |
| 1/2 | 2,121.05 | 1/2 | 1,788.93 | 1/2 | 1,456.82 | 1/2 | 1,124.70 | 1/2 | 799.00 | 1/2 | 495.50 | 1/2 | 215.52 | 1/2 | | 1/2 | | | |
| 3/4 | 2,114.13 | 3/4 | 1,782.02 | 3/4 | 1,449.90 | 3/4 | 1,117.78 | 3/4 | 792.47 | 3/4 | 489.45 | 3/4 | 209.96 | 3/4 | | 3/4 | | | |
| 1 | 2,107.21 | 1 | 1,775.10 | 1 | 1,442.98 | 1 | 1,110.86 | 1 | 785.93 | 1 | 483.39 | 1 | 204.39 | 1 | | 1 | | | |
| 1/4 | 2,100.29 | 1/4 | 1,768.18 | 1/4 | 1,436.06 | 1/4 | 1,103.94 | 1/4 | 779.40 | 1/4 | 477.33 | 1/4 | 198.83 | 1/4 | | 1/4 | | | |
| 1/2 | 2,093.37 | 1/2 | 1,761.26 | 1/2 | 1,429.14 | 1/2 | 1,097.02 | 1/2 | 772.86 | 1/2 | 471.27 | 1/2 | 193.26 | 1/2 | | 1/2 | | | |
| 3/4 | 2,086.46 | 3/4 | 1,754.34 | 3/4 | 1,422.22 | 3/4 | 1,090.11 | 3/4 | 766.37 | 3/4 | 465.25 | 3/4 | 187.74 | 3/4 | | 3/4 | | | |
| 2 | 2,079.54 | 2 | 1,747.42 | 2 | 1,415.30 | 2 | 1,083.19 | 2 | 759.87 | 2 | 459.24 | 2 | 182.21 | 2 | | 2 | | | |
| 1/4 | 2,072.62 | 1/4 | 1,740.50 | 1/4 | 1,408.38 | 1/4 | 1,076.27 | 1/4 | 753.38 | 1/4 | 453.22 | 1/4 | 176.68 | 1/4 | | 1/4 | | | |
| 1/2 | 2,065.70 | 1/2 | 1,733.58 | 1/2 | 1,401.46 | 1/2 | 1,069.35 | 1/2 | 746.88 | 1/2 | 447.20 | 1/2 | 171.15 | 1/2 | | 1/2 | | | |
| 3/4 | 2,058.78 | 3/4 | 1,726.66 | 3/4 | 1,394.55 | 3/4 | 1,062.44 | 3/4 | 740.42 | 3/4 | 441.22 | 3/4 | 165.67 | 3/4 | | 3/4 | | | |
| 3 | 2,051.86 | 3 | 1,719.74 | 3 | 1,387.63 | 3 | 1,055.53 | 3 | 733.95 | 3 | 435.25 | 3 | 160.19 | 3 | | 3 | | | |
| 1/4 | 2,044.94 | 1/4 | 1,712.82 | 1/4 | 1,380.71 | 1/4 | 1,048.62 | 1/4 | 727.48 | 1/4 | 429.27 | 1/4 | 154.71 | 1/4 | | 1/4 | | | |
| 1/2 | 2,038.02 | 1/2 | 1,705.91 | 1/2 | 1,373.79 | 1/2 | 1,041.71 | 1/2 | 721.01 | 1/2 | 423.30 | 1/2 | 149.23 | 1/2 | | 1/2 | | | |
| 3/4 | 2,031.10 | 3/4 | 1,698.99 | 3/4 | 1,366.87 | 3/4 | 1,034.82 | 3/4 | 714.58 | 3/4 | 417.36 | 3/4 | 143.78 | 3/4 | | 3/4 | | | |
| 4 | 2,024.18 | 4 | 1,692.07 | 4 | 1,359.95 | 4 | 1,027.92 | 4 | 708.15 | 4 | 411.42 | 4 | 138.33 | 4 | | 4 | | | |
| 1/4 | 2,017.26 | 1/4 | 1,685.15 | 1/4 | 1,353.03 | 1/4 | 1,021.03 | 1/4 | 701.72 | 1/4 | 405.49 | 1/4 | 132.89 | 1/4 | | 1/4 | | | |
| 1/2 | 2,010.35 | 1/2 | 1,678.23 | 1/2 | 1,346.11 | 1/2 | 1,014.13 | 1/2 | 695.29 | 1/2 | 399.55 | 1/2 | 127.44 | 1/2 | | 1/2 | | | |
| 3/4 | 2,003.43 | 3/4 | 1,671.31 | 3/4 | 1,339.19 | 3/4 | 1,007.26 | 3/4 | 688.91 | 3/4 | 393.66 | 3/4 | 122.04 | 3/4 | | 3/4 | | | |
| 5 | 1,996.51 | 5 | 1,664.39 | 5 | 1,332.27 | 5 | 1,000.39 | 5 | 682.52 | 5 | 387.76 | 5 | 116.64 | 5 | | 5 | | | |
| 1/4 | 1,989.59 | 1/4 | 1,657.47 | 1/4 | 1,325.35 | 1/4 | 993.52 | 1/4 | 676.14 | 1/4 | 381.87 | 1/4 | 111.24 | 1/4 | | 1/4 | | | |
| 1/2 | 1,982.67 | 1/2 | 1,650.55 | 1/2 | 1,318.44 | 1/2 | 986.65 | 1/2 | 669.75 | 1/2 | 375.98 | 1/2 | 105.85 | 1/2 | | 1/2 | | | |
| 3/4 | 1,975.75 | 3/4 | 1,643.63 | 3/4 | 1,311.52 | 3/4 | 979.82 | 3/4 | 663.40 | 3/4 | 370.12 | 3/4 | 100.49 | 3/4 | | 3/4 | | | |
| 6 | 1,968.83 | 6 | 1,636.71 | 6 | 1,304.60 | 6 | 972.98 | 6 | 657.06 | 6 | 364.27 | 6 | 95.12 | 6 | | 6 | | | |
| 1/4 | 1,961.91 | 1/4 | 1,629.80 | 1/4 | 1,297.68 | 1/4 | 966.14 | 1/4 | 650.71 | 1/4 | 358.41 | 1/4 | 89.76 | 1/4 | | 1/4 | | | |
| 1/2 | 1,954.99 | 1/2 | 1,622.88 | 1/2 | 1,290.76 | 1/2 | 959.30 | 1/2 | 644.36 | 1/2 | 352.56 | 1/2 | 84.40 | 1/2 | | 1/2 | | | |
| 3/4 | 1,948.07 | 3/4 | 1,615.96 | 3/4 | 1,283.84 | 3/4 | 952.52 | 3/4 | 638.06 | 3/4 | 346.75 | 3/4 | 79.09 | 3/4 | | 3/4 | | | |
| 7 | 1,941.15 | 7 | 1,609.04 | 7 | 1,276.92 | 7 | 945.74 | 7 | 631.75 | 7 | 340.94 | 7 | 73.77 | 7 | | 7 | | | |
| 1/4 | 1,934.24 | 1/4 | 1,602.12 | 1/4 | 1,270.00 | 1/4 | 938.96 | 1/4 | 625.45 | 1/4 | 335.13 | 1/4 | 68.46 | 1/4 | | 1/4 | | | |
| 1/2 | 1,927.32 | 1/2 | 1,595.20 | 1/2 | 1,263.08 | 1/2 | 932.18 | 1/2 | 619.14 | 1/2 | 329.31 | 1/2 | 63.14 | 1/2 | | 1/2 | | | |
| 3/4 | 1,920.40 | 3/4 | 1,588.28 | 3/4 | 1,256.16 | 3/4 | 925.44 | 3/4 | 612.88 | 3/4 | 323.54 | 3/4 | 57.86 | 3/4 | | 3/4 | | | |
| 8 | 1,913.48 | 8 | 1,581.36 | 8 | 1,249.24 | 8 | 918.70 | 8 | 606.62 | 8 | 317.77 | 8 | 52.59 | 8 | | 8 | | | |
| 1/4 | 1,906.56 | 1/4 | 1,574.44 | 1/4 | 1,242.33 | 1/4 | 911.96 | 1/4 | 600.35 | 1/4 | 312.00 | 1/4 | 47.31 | 1/4 | | 1/4 | | | |
| 1/2 | 1,899.64 | 1/2 | 1,567.52 | 1/2 | 1,235.41 | 1/2 | 905.21 | 1/2 | 594.09 | 1/2 | 306.22 | 1/2 | 42.03 | 1/2 | | 1/2 | | | |
| 3/4 | 1,892.72 | 3/4 | 1,560.60 | 3/4 | 1,228.49 | 3/4 | 898.51 | 3/4 | 587.86 | 3/4 | 300.49 | 3/4 | 37.66 | 3/4 | | 3/4 | | | |
| 9 | 1,885.80 | 9 | 1,553.68 | 9 | 1,221.57 | 9 | 891.82 | 9 | 581.64 | 9 | 294.77 | 9 | 33.30 | 9 | | 9 | | | |
| 1/4 | 1,878.88 | 1/4 | 1,546.77 | 1/4 | 1,214.65 | 1/4 | 885.12 | 1/4 | 575.42 | 1/4 | 289.04 | 1/4 | 28.93 | 1/4 | | 1/4 | | | |
| 1/2 | 1,871.96 | 1/2 | 1,539.85 | 1/2 | 1,207.73 | 1/2 | 878.42 | 1/2 | 569.20 | 1/2 | 283.31 | 1/2 | 24.56 | 1/2 | | 1/2 | | | |
| 3/4 | 1,865.04 | 3/4 | 1,532.93 | 3/4 | 1,200.81 | 3/4 | 871.76 | 3/4 | 563.01 | 3/4 | 277.62 | 3/4 | 21.96 | 3/4 | | 3/4 | | | |
| 10 | 1,858.13 | 10 | 1,526.01 | 10 | 1,193.89 | 10 | 865.10 | 10 | 556.83 | 10 | 271.93 | 10 | 19.36 | 10 | | 10 | | | |
| 1/4 | 1,851.21 | 1/4 | 1,519.09 | 1/4 | 1,186.97 | 1/4 | 858.44 | 1/4 | 550.65 | 1/4 | 266.23 | 1/4 | 16.76 | 1/4 | | 1/4 | | | |
| 1/2 | 1,844.29 | 1/2 | 1,512.17 | 1/2 | 1,180.05 | 1/2 | 851.78 | 1/2 | 544.47 | 1/2 | 260.54 | 1/2 | 14.16 | 1/2 | | 1/2 | | | |
| 3/4 | 1,837.37 | 3/4 | 1,505.25 | 3/4 | 1,173.13 | 3/4 | 845.16 | 3/4 | 538.33 | 3/4 | 254.90 | 3/4 | | 3/4 | | 3/4 | | | |
| 11 | 1,830.45 | 11 | 1,498.33 | 11 | 1,166.22 | 11 | 838.55 | 11 | 532.19 | 11 | 249.25 | 11 | | 11 | | 11 | | | |
| 1/4 | 1,823.53 | 1/4 | 1,491.41 | 1/4 | 1,159.30 | 1/4 | 831.93 | 1/4 | 526.05 | 1/4 | 243.60 | 1/4 | | 1/4 | | 1/4 | | | |
| 1/2 | 1,816.61 | 1/2 | 1,484.49 | 1/2 | 1,152.38 | 1/2 | 825.31 | 1/2 | 519.91 | 1/2 | 237.96 | 1/2 | | 1/2 | | 1/2 | | | |
| 3/4 | 1,809.69 | 3/4 | 1,477.57 | 3/4 | 1,145.46 | 3/4 | 818.74 | 3/4 | 513.81 | 3/4 | 232.35 | 3/4 | | 3/4 | | 3/4 | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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



BARGE "KIRBY 28043"

1 STBD
ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| 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 | 0 | 0 | 4,354.65 | 0 | 4,055.27 | 0 | 3,759.14 | 0 | 3,448.34 | 0 | 3,124.01 | 0 | 2,792.54 | 0 | 2,461.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,349.47 | 1/4 | 4,049.25 | 1/4 | 3,752.80 | 1/4 | 3,441.72 | 1/4 | 3,117.11 | 1/4 | 2,785.63 | 1/4 | 2,454.14 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,344.29 | 1/2 | 4,043.23 | 1/2 | 3,746.46 | 1/2 | 3,435.11 | 1/2 | 3,110.22 | 1/2 | 2,778.73 | 1/2 | 2,447.23 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,337.38 | 3/4 | 4,037.19 | 3/4 | 3,740.10 | 3/4 | 3,428.47 | 3/4 | 3,103.31 | 3/4 | 2,771.82 | 3/4 | 2,440.33 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,330.48 | 1 | 4,031.14 | 1 | 3,733.75 | 1 | 3,421.83 | 1 | 3,096.41 | 1 | 2,764.91 | 1 | 2,433.42 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,323.57 | 1/4 | 4,025.10 | 1/4 | 3,727.39 | 1/4 | 3,415.20 | 1/4 | 3,089.50 | 1/4 | 2,758.01 | 1/4 | 2,426.51 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,316.66 | 1/2 | 4,019.05 | 1/2 | 3,721.03 | 1/2 | 3,408.56 | 1/2 | 3,082.59 | 1/2 | 2,751.10 | 1/2 | 2,419.60 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,309.75 | 3/4 | 4,012.98 | 3/4 | 3,714.65 | 3/4 | 3,401.89 | 3/4 | 3,075.69 | 3/4 | 2,744.20 | 3/4 | 2,412.70 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,302.85 | 2 | 4,006.92 | 2 | 3,708.27 | 2 | 3,395.23 | 2 | 3,068.78 | 2 | 2,737.29 | 2 | 2,405.79 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,295.94 | 1/4 | 4,000.85 | 1/4 | 3,701.89 | 1/4 | 3,388.56 | 1/4 | 3,061.88 | 1/4 | 2,730.38 | 1/4 | 2,398.88 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,289.03 | 1/2 | 3,994.79 | 1/2 | 3,695.52 | 1/2 | 3,381.90 | 1/2 | 3,054.97 | 1/2 | 2,723.48 | 1/2 | 2,391.97 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,282.12 | 3/4 | 3,988.70 | 3/4 | 3,689.11 | 3/4 | 3,375.21 | 3/4 | 3,048.06 | 3/4 | 2,716.57 | 3/4 | 2,385.07 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,275.22 | 3 | 3,982.61 | 3 | 3,682.70 | 3 | 3,368.53 | 3 | 3,041.16 | 3 | 2,709.66 | 3 | 2,378.16 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,268.31 | 1/4 | 3,976.53 | 1/4 | 3,676.29 | 1/4 | 3,361.84 | 1/4 | 3,034.25 | 1/4 | 2,702.76 | 1/4 | 2,371.25 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,261.40 | 1/2 | 3,970.44 | 1/2 | 3,669.89 | 1/2 | 3,355.16 | 1/2 | 3,027.35 | 1/2 | 2,695.85 | 1/2 | 2,364.34 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,254.50 | 3/4 | 3,964.32 | 3/4 | 3,663.46 | 3/4 | 3,348.45 | 3/4 | 3,020.44 | 3/4 | 2,688.95 | 3/4 | 2,357.44 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,247.59 | 4 | 3,958.21 | 4 | 3,657.03 | 4 | 3,341.74 | 4 | 3,013.53 | 4 | 2,682.04 | 4 | 2,350.53 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,240.68 | 1/4 | 3,952.09 | 1/4 | 3,650.60 | 1/4 | 3,335.03 | 1/4 | 3,006.63 | 1/4 | 2,675.13 | 1/4 | 2,343.62 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,233.77 | 1/2 | 3,945.98 | 1/2 | 3,644.18 | 1/2 | 3,328.33 | 1/2 | 2,999.72 | 1/2 | 2,668.23 | 1/2 | 2,336.71 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,227.88 | 3/4 | 3,939.84 | 3/4 | 3,637.73 | 3/4 | 3,321.59 | 3/4 | 2,992.82 | 3/4 | 2,661.32 | 3/4 | 2,329.81 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,221.99 | 5 | 3,933.71 | 5 | 3,631.28 | 5 | 3,314.86 | 5 | 2,985.91 | 5 | 2,654.42 | 5 | 2,322.90 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,216.10 | 1/4 | 3,927.57 | 1/4 | 3,624.83 | 1/4 | 3,308.12 | 1/4 | 2,979.00 | 1/4 | 2,647.51 | 1/4 | 2,315.99 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,210.20 | 1/2 | 3,921.44 | 1/2 | 3,618.38 | 1/2 | 3,301.39 | 1/2 | 2,972.10 | 1/2 | 2,640.60 | 1/2 | 2,309.09 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,204.29 | 3/4 | 3,915.28 | 3/4 | 3,611.90 | 3/4 | 3,294.63 | 3/4 | 2,965.19 | 3/4 | 2,633.70 | 3/4 | 2,302.18 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,198.38 | 6 | 3,909.12 | 6 | 3,605.43 | 6 | 3,287.88 | 6 | 2,958.28 | 6 | 2,626.79 | 6 | 2,295.27 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,192.47 | 1/4 | 3,902.96 | 1/4 | 3,598.95 | 1/4 | 3,281.12 | 1/4 | 2,951.38 | 1/4 | 2,619.89 | 1/4 | 2,288.36 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,186.55 | 1/2 | 3,896.81 | 1/2 | 3,592.47 | 1/2 | 3,274.37 | 1/2 | 2,944.47 | 1/2 | 2,612.98 | 1/2 | 2,281.46 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,180.62 | 3/4 | 3,890.62 | 3/4 | 3,585.98 | 3/4 | 3,267.58 | 3/4 | 2,937.57 | 3/4 | 2,606.07 | 3/4 | 2,274.55 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,174.68 | 7 | 3,884.44 | 7 | 3,579.48 | 7 | 3,260.80 | 7 | 2,930.66 | 7 | 2,599.17 | 7 | 2,267.64 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,168.75 | 1/4 | 3,878.25 | 1/4 | 3,572.98 | 1/4 | 3,254.01 | 1/4 | 2,923.75 | 1/4 | 2,592.26 | 1/4 | 2,260.73 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,162.82 | 1/2 | 3,872.07 | 1/2 | 3,566.48 | 1/2 | 3,247.22 | 1/2 | 2,916.85 | 1/2 | 2,585.36 | 1/2 | 2,253.83 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,156.85 | 3/4 | 3,865.86 | 3/4 | 3,559.97 | 3/4 | 3,240.42 | 3/4 | 2,909.94 | 3/4 | 2,578.45 | 3/4 | 2,246.92 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,150.89 | 8 | 3,859.66 | 8 | 3,553.45 | 8 | 3,233.62 | 8 | 2,903.04 | 8 | 2,571.54 | 8 | 2,240.01 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,144.93 | 1/4 | 3,853.45 | 1/4 | 3,546.93 | 1/4 | 3,226.81 | 1/4 | 2,896.13 | 1/4 | 2,564.64 | 1/4 | 2,233.10 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,138.97 | 1/2 | 3,847.25 | 1/2 | 3,540.41 | 1/2 | 3,220.01 | 1/2 | 2,889.22 | 1/2 | 2,557.73 | 1/2 | 2,226.20 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,133.02 | 3/4 | 3,840.99 | 3/4 | 3,533.86 | 3/4 | 3,213.19 | 3/4 | 2,882.32 | 3/4 | 2,550.82 | 3/4 | 2,219.29 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,127.07 | 9 | 3,834.73 | 9 | 3,527.32 | 9 | 3,206.36 | 9 | 2,875.41 | 9 | 2,543.92 | 9 | 2,212.38 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,121.12 | 1/4 | 3,828.47 | 1/4 | 3,520.77 | 1/4 | 3,199.53 | 1/4 | 2,868.51 | 1/4 | 2,537.01 | 1/4 | 2,205.47 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,115.18 | 1/2 | 3,822.20 | 1/2 | 3,514.23 | 1/2 | 3,192.71 | 1/2 | 2,861.60 | 1/2 | 2,530.11 | 1/2 | 2,198.57 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,109.21 | 3/4 | 3,815.92 | 3/4 | 3,507.66 | 3/4 | 3,185.85 | 3/4 | 2,854.69 | 3/4 | 2,523.20 | 3/4 | 2,191.66 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,103.24 | 10 | 3,809.63 | 10 | 3,501.09 | 10 | 3,179.00 | 10 | 2,847.79 | 10 | 2,516.29 | 10 | 2,184.75 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,097.27 | 1/4 | 3,803.34 | 1/4 | 3,494.52 | 1/4 | 3,172.15 | 1/4 | 2,840.88 | 1/4 | 2,509.39 | 1/4 | 2,177.84 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,091.29 | 1/2 | 3,797.05 | 1/2 | 3,487.96 | 1/2 | 3,165.29 | 1/2 | 2,833.97 | 1/2 | 2,502.48 | 1/2 | 2,170.94 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,085.30 | 3/4 | 3,790.74 | 3/4 | 3,481.36 | 3/4 | 3,158.42 | 3/4 | 2,827.07 | 3/4 | 2,495.58 | 3/4 | 2,164.03 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,079.30 | 11 | 3,784.44 | 11 | 3,474.76 | 11 | 3,151.54 | 11 | 2,820.16 | 11 | 2,488.67 | 11 | 2,157.12 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,073.30 | 1/4 | 3,778.13 | 1/4 | 3,468.17 | 1/4 | 3,144.67 | 1/4 | 2,813.26 | 1/4 | 2,481.76 | 1/4 | 2,150.21 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,067.31 | 1/2 | 3,771.82 | 1/2 | 3,461.57 | 1/2 | 3,137.80 | 1/2 | 2,806.35 | 1/2 | 2,474.86 | 1/2 | 2,143.31 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,061.29 | 3/4 | 3,765.48 | 3/4 | 3,454.95 | 3/4 | 3,130.90 | 3/4 | 2,799.44 | 3/4 | 2,467.95 | 3/4 | 2,136.40 |

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 12'-09" OFF CENTERLINE AND 36'-10" 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 28043"

1 STBD
ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|----|--------|----|--------|
| 0 | 2,129.49 | 0 | 1,797.94 | 0 | 1,466.38 | 0 | 1,134.83 | 0 | 810.12 | 0 | 506.83 | 0 | 226.35 | 0 | | 0 | | | |
| 1/4 | 2,122.59 | 1/4 | 1,791.03 | 1/4 | 1,459.47 | 1/4 | 1,127.92 | 1/4 | 803.59 | 1/4 | 500.74 | 1/4 | 220.75 | 1/4 | | | | | |
| 1/2 | 2,115.68 | 1/2 | 1,784.12 | 1/2 | 1,452.57 | 1/2 | 1,121.01 | 1/2 | 797.06 | 1/2 | 494.65 | 1/2 | 215.15 | 1/2 | | | | | |
| 3/4 | 2,108.77 | 3/4 | 1,777.22 | 3/4 | 1,445.66 | 3/4 | 1,114.10 | 3/4 | 790.58 | 3/4 | 488.61 | 3/4 | 209.60 | 3/4 | | | | | |
| 1 | 2,101.86 | 1 | 1,770.31 | 1 | 1,438.75 | 1 | 1,107.20 | 1 | 784.09 | 1 | 482.56 | 1 | 204.04 | 1 | | 1 | | | |
| 1/4 | 2,094.96 | 1/4 | 1,763.40 | 1/4 | 1,431.85 | 1/4 | 1,100.29 | 1/4 | 777.61 | 1/4 | 476.51 | 1/4 | 198.49 | 1/4 | | | | | |
| 1/2 | 2,088.05 | 1/2 | 1,756.49 | 1/2 | 1,424.94 | 1/2 | 1,093.38 | 1/2 | 771.12 | 1/2 | 470.46 | 1/2 | 192.93 | 1/2 | | | | | |
| 3/4 | 2,081.14 | 3/4 | 1,749.59 | 3/4 | 1,418.03 | 3/4 | 1,086.48 | 3/4 | 764.67 | 3/4 | 464.45 | 3/4 | 187.41 | 3/4 | | | | | |
| 2 | 2,074.23 | 2 | 1,742.68 | 2 | 1,411.12 | 2 | 1,079.57 | 2 | 758.23 | 2 | 458.45 | 2 | 181.90 | 2 | | 2 | | | |
| 1/4 | 2,067.33 | 1/4 | 1,735.77 | 1/4 | 1,404.22 | 1/4 | 1,072.66 | 1/4 | 751.78 | 1/4 | 452.44 | 1/4 | 176.38 | 1/4 | | | | | |
| 1/2 | 2,060.42 | 1/2 | 1,728.86 | 1/2 | 1,397.31 | 1/2 | 1,065.76 | 1/2 | 745.34 | 1/2 | 446.43 | 1/2 | 170.86 | 1/2 | | | | | |
| 3/4 | 2,053.51 | 3/4 | 1,721.96 | 3/4 | 1,390.40 | 3/4 | 1,058.86 | 3/4 | 738.92 | 3/4 | 440.47 | 3/4 | 165.39 | 3/4 | | | | | |
| 3 | 2,046.60 | 3 | 1,715.05 | 3 | 1,383.49 | 3 | 1,051.96 | 3 | 732.50 | 3 | 434.50 | 3 | 159.91 | 3 | | 3 | | | |
| 1/4 | 2,039.70 | 1/4 | 1,708.14 | 1/4 | 1,376.59 | 1/4 | 1,045.06 | 1/4 | 726.07 | 1/4 | 428.53 | 1/4 | 154.44 | 1/4 | | | | | |
| 1/2 | 2,032.79 | 1/2 | 1,701.23 | 1/2 | 1,369.68 | 1/2 | 1,038.16 | 1/2 | 719.65 | 1/2 | 422.57 | 1/2 | 148.97 | 1/2 | | | | | |
| 3/4 | 2,025.88 | 3/4 | 1,694.33 | 3/4 | 1,362.77 | 3/4 | 1,031.28 | 3/4 | 713.26 | 3/4 | 416.64 | 3/4 | 143.53 | 3/4 | | | | | |
| 4 | 2,018.97 | 4 | 1,687.42 | 4 | 1,355.86 | 4 | 1,024.40 | 4 | 706.88 | 4 | 410.72 | 4 | 138.10 | 4 | | 4 | | | |
| 1/4 | 2,012.07 | 1/4 | 1,680.51 | 1/4 | 1,348.96 | 1/4 | 1,017.52 | 1/4 | 700.49 | 1/4 | 404.79 | 1/4 | 132.66 | 1/4 | | | | | |
| 1/2 | 2,005.16 | 1/2 | 1,673.60 | 1/2 | 1,342.05 | 1/2 | 1,010.63 | 1/2 | 694.10 | 1/2 | 398.86 | 1/2 | 127.22 | 1/2 | | | | | |
| 3/4 | 1,998.25 | 3/4 | 1,666.70 | 3/4 | 1,335.14 | 3/4 | 1,003.81 | 3/4 | 687.72 | 3/4 | 392.98 | 3/4 | 121.83 | 3/4 | | | | | |
| 5 | 1,991.34 | 5 | 1,659.79 | 5 | 1,328.23 | 5 | 996.98 | 5 | 681.35 | 5 | 387.10 | 5 | 116.44 | 5 | | 5 | | | |
| 1/4 | 1,984.44 | 1/4 | 1,652.88 | 1/4 | 1,321.33 | 1/4 | 990.15 | 1/4 | 674.97 | 1/4 | 381.21 | 1/4 | 111.05 | 1/4 | | | | | |
| 1/2 | 1,977.53 | 1/2 | 1,645.97 | 1/2 | 1,314.42 | 1/2 | 983.32 | 1/2 | 668.60 | 1/2 | 375.33 | 1/2 | 105.66 | 1/2 | | | | | |
| 3/4 | 1,970.62 | 3/4 | 1,639.07 | 3/4 | 1,307.51 | 3/4 | 976.53 | 3/4 | 662.26 | 3/4 | 369.49 | 3/4 | 100.31 | 3/4 | | | | | |
| 6 | 1,963.72 | 6 | 1,632.16 | 6 | 1,300.60 | 6 | 969.74 | 6 | 655.93 | 6 | 363.64 | 6 | 94.96 | 6 | | 6 | | | |
| 1/4 | 1,956.81 | 1/4 | 1,625.25 | 1/4 | 1,293.70 | 1/4 | 962.95 | 1/4 | 649.59 | 1/4 | 357.80 | 1/4 | 89.61 | 1/4 | | | | | |
| 1/2 | 1,949.90 | 1/2 | 1,618.35 | 1/2 | 1,286.79 | 1/2 | 956.16 | 1/2 | 643.25 | 1/2 | 351.95 | 1/2 | 84.26 | 1/2 | | | | | |
| 3/4 | 1,942.99 | 3/4 | 1,611.44 | 3/4 | 1,279.88 | 3/4 | 949.43 | 3/4 | 636.96 | 3/4 | 346.15 | 3/4 | 78.95 | 3/4 | | | | | |
| 7 | 1,936.09 | 7 | 1,604.53 | 7 | 1,272.98 | 7 | 942.70 | 7 | 630.67 | 7 | 340.35 | 7 | 73.64 | 7 | | 7 | | | |
| 1/4 | 1,929.18 | 1/4 | 1,597.62 | 1/4 | 1,266.07 | 1/4 | 935.97 | 1/4 | 624.37 | 1/4 | 334.55 | 1/4 | 68.34 | 1/4 | | | | | |
| 1/2 | 1,922.27 | 1/2 | 1,590.72 | 1/2 | 1,259.16 | 1/2 | 929.24 | 1/2 | 618.08 | 1/2 | 328.75 | 1/2 | 63.03 | 1/2 | | | | | |
| 3/4 | 1,915.36 | 3/4 | 1,583.81 | 3/4 | 1,252.25 | 3/4 | 922.54 | 3/4 | 611.83 | 3/4 | 322.98 | 3/4 | 57.76 | 3/4 | | | | | |
| 8 | 1,908.46 | 8 | 1,576.90 | 8 | 1,245.35 | 8 | 915.85 | 8 | 605.57 | 8 | 317.22 | 8 | 52.50 | 8 | | 8 | | | |
| 1/4 | 1,901.55 | 1/4 | 1,569.99 | 1/4 | 1,238.44 | 1/4 | 909.16 | 1/4 | 599.32 | 1/4 | 311.46 | 1/4 | 47.23 | 1/4 | | | | | |
| 1/2 | 1,894.64 | 1/2 | 1,563.09 | 1/2 | 1,231.53 | 1/2 | 902.47 | 1/2 | 593.07 | 1/2 | 305.70 | 1/2 | 41.96 | 1/2 | | | | | |
| 3/4 | 1,887.73 | 3/4 | 1,556.18 | 3/4 | 1,224.62 | 3/4 | 895.82 | 3/4 | 586.85 | 3/4 | 299.98 | 3/4 | 37.60 | 3/4 | | | | | |
| 9 | 1,880.83 | 9 | 1,549.27 | 9 | 1,217.72 | 9 | 889.17 | 9 | 580.64 | 9 | 294.26 | 9 | 33.24 | 9 | | 9 | | | |
| 1/4 | 1,873.92 | 1/4 | 1,542.36 | 1/4 | 1,210.81 | 1/4 | 882.52 | 1/4 | 574.43 | 1/4 | 288.54 | 1/4 | 28.88 | 1/4 | | | | | |
| 1/2 | 1,867.01 | 1/2 | 1,535.46 | 1/2 | 1,203.90 | 1/2 | 875.88 | 1/2 | 568.22 | 1/2 | 282.82 | 1/2 | 24.52 | 1/2 | | | | | |
| 3/4 | 1,860.10 | 3/4 | 1,528.55 | 3/4 | 1,196.99 | 3/4 | 869.27 | 3/4 | 562.05 | 3/4 | 277.14 | 3/4 | 21.92 | 3/4 | | | | | |
| 10 | 1,853.20 | 10 | 1,521.64 | 10 | 1,190.09 | 10 | 862.66 | 10 | 555.87 | 10 | 271.46 | 10 | 19.33 | 10 | | 10 | | | |
| 1/4 | 1,846.29 | 1/4 | 1,514.73 | 1/4 | 1,183.18 | 1/4 | 856.05 | 1/4 | 549.70 | 1/4 | 265.78 | 1/4 | 16.73 | 1/4 | | | | | |
| 1/2 | 1,839.38 | 1/2 | 1,507.83 | 1/2 | 1,176.27 | 1/2 | 849.44 | 1/2 | 543.53 | 1/2 | 260.10 | 1/2 | 14.14 | 1/2 | | | | | |
| 3/4 | 1,832.47 | 3/4 | 1,500.92 | 3/4 | 1,169.36 | 3/4 | 842.87 | 3/4 | 537.40 | 3/4 | 254.46 | 3/4 | | 3/4 | | | | | |
| 11 | 1,825.57 | 11 | 1,494.01 | 11 | 1,162.46 | 11 | 836.31 | 11 | 531.27 | 11 | 248.82 | 11 | | 11 | | 11 | | | |
| 1/4 | 1,818.66 | 1/4 | 1,487.10 | 1/4 | 1,155.55 | 1/4 | 829.74 | 1/4 | 525.14 | 1/4 | 243.19 | 1/4 | | | | | | | |
| 1/2 | 1,811.75 | 1/2 | 1,480.20 | 1/2 | 1,148.64 | 1/2 | 823.17 | 1/2 | 519.01 | 1/2 | 237.55 | 1/2 | | | | | | | |
| 3/4 | 1,804.84 | 3/4 | 1,473.29 | 3/4 | 1,141.73 | 3/4 | 816.64 | 3/4 | 512.92 | 3/4 | 231.95 | 3/4 | | | | | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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



BARGE "KIRBY 28043"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| 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 | 5,275.25 | 0 | 4,924.87 | 0 | 4,578.97 | 0 | 4,214.82 | 0 | 3,834.82 | 0 | 3,446.44 | 0 | 3,058.04 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,269.18 | 1/4 | 4,917.85 | 1/4 | 4,571.55 | 1/4 | 4,207.07 | 1/4 | 3,828.74 | 1/4 | 3,438.35 | 1/4 | 3,049.95 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,263.11 | 1/2 | 4,910.83 | 1/2 | 4,564.12 | 1/2 | 4,199.32 | 1/2 | 3,818.66 | 1/2 | 3,430.26 | 1/2 | 3,041.86 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,255.02 | 3/4 | 4,903.78 | 3/4 | 4,556.67 | 3/4 | 4,191.55 | 3/4 | 3,810.57 | 3/4 | 3,422.17 | 3/4 | 3,033.76 |
| 1 | | 1 | | 1 | | 1 | 5,246.92 | 1 | 4,896.72 | 1 | 4,549.22 | 1 | 4,183.77 | 1 | 3,802.48 | 1 | 3,414.08 | 1 | 3,025.67 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,238.83 | 1/4 | 4,889.67 | 1/4 | 4,541.77 | 1/4 | 4,175.99 | 1/4 | 3,794.39 | 1/4 | 3,405.98 | 1/4 | 3,017.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,230.74 | 1/2 | 4,882.62 | 1/2 | 4,534.33 | 1/2 | 4,168.22 | 1/2 | 3,786.29 | 1/2 | 3,397.89 | 1/2 | 3,009.48 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,222.64 | 3/4 | 4,875.54 | 3/4 | 4,526.85 | 3/4 | 4,160.41 | 3/4 | 3,778.20 | 3/4 | 3,389.80 | 3/4 | 3,001.39 |
| 2 | | 2 | | 2 | | 2 | 5,214.55 | 2 | 4,868.47 | 2 | 4,519.38 | 2 | 4,152.60 | 2 | 3,770.11 | 2 | 3,381.71 | 2 | 2,993.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,206.45 | 1/4 | 4,861.39 | 1/4 | 4,511.90 | 1/4 | 4,144.79 | 1/4 | 3,762.02 | 1/4 | 3,373.62 | 1/4 | 2,985.20 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,198.36 | 1/2 | 4,854.32 | 1/2 | 4,504.43 | 1/2 | 4,136.98 | 1/2 | 3,753.93 | 1/2 | 3,365.53 | 1/2 | 2,977.11 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,190.27 | 3/4 | 4,847.22 | 3/4 | 4,496.92 | 3/4 | 4,129.14 | 3/4 | 3,745.84 | 3/4 | 3,357.43 | 3/4 | 2,969.01 |
| 3 | | 3 | | 3 | | 3 | 5,182.17 | 3 | 4,840.12 | 3 | 4,489.41 | 3 | 4,121.31 | 3 | 3,737.74 | 3 | 3,349.34 | 3 | 2,960.92 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,174.08 | 1/4 | 4,833.02 | 1/4 | 4,481.91 | 1/4 | 4,113.48 | 1/4 | 3,729.65 | 1/4 | 3,341.25 | 1/4 | 2,952.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,165.98 | 1/2 | 4,825.91 | 1/2 | 4,474.40 | 1/2 | 4,105.65 | 1/2 | 3,721.56 | 1/2 | 3,333.16 | 1/2 | 2,944.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,157.89 | 3/4 | 4,818.78 | 3/4 | 4,466.87 | 3/4 | 4,097.79 | 3/4 | 3,713.47 | 3/4 | 3,325.07 | 3/4 | 2,936.63 |
| 4 | | 4 | | 4 | | 4 | 5,149.79 | 4 | 4,811.65 | 4 | 4,459.34 | 4 | 4,089.93 | 4 | 3,705.38 | 4 | 3,316.98 | 4 | 2,928.54 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,141.70 | 1/4 | 4,804.51 | 1/4 | 4,451.81 | 1/4 | 4,082.07 | 1/4 | 3,697.29 | 1/4 | 3,308.88 | 1/4 | 2,920.45 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,133.61 | 1/2 | 4,797.38 | 1/2 | 4,444.28 | 1/2 | 4,074.21 | 1/2 | 3,689.19 | 1/2 | 3,300.79 | 1/2 | 2,912.35 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,126.70 | 3/4 | 4,790.22 | 3/4 | 4,436.72 | 3/4 | 4,066.32 | 3/4 | 3,681.10 | 3/4 | 3,292.70 | 3/4 | 2,904.26 |
| 5 | | 5 | | 5 | | 5 | 5,119.80 | 5 | 4,783.07 | 5 | 4,429.16 | 5 | 4,058.43 | 5 | 3,673.01 | 5 | 3,284.61 | 5 | 2,896.16 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,112.89 | 1/4 | 4,775.91 | 1/4 | 4,421.61 | 1/4 | 4,050.54 | 1/4 | 3,664.92 | 1/4 | 3,276.52 | 1/4 | 2,888.07 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,105.99 | 1/2 | 4,768.75 | 1/2 | 4,414.05 | 1/2 | 4,042.65 | 1/2 | 3,656.83 | 1/2 | 3,268.43 | 1/2 | 2,879.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,099.06 | 3/4 | 4,761.57 | 3/4 | 4,406.46 | 3/4 | 4,034.74 | 3/4 | 3,648.74 | 3/4 | 3,260.33 | 3/4 | 2,871.88 |
| 6 | | 6 | | 6 | | 6 | 5,092.13 | 6 | 4,754.39 | 6 | 4,398.88 | 6 | 4,026.82 | 6 | 3,640.64 | 6 | 3,252.24 | 6 | 2,863.79 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,085.20 | 1/4 | 4,747.20 | 1/4 | 4,391.29 | 1/4 | 4,018.91 | 1/4 | 3,632.55 | 1/4 | 3,244.15 | 1/4 | 2,855.69 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,078.27 | 1/2 | 4,740.02 | 1/2 | 4,383.70 | 1/2 | 4,010.99 | 1/2 | 3,624.46 | 1/2 | 3,236.06 | 1/2 | 2,847.60 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,071.32 | 3/4 | 4,732.81 | 3/4 | 4,376.09 | 3/4 | 4,003.04 | 3/4 | 3,616.37 | 3/4 | 3,227.97 | 3/4 | 2,839.51 |
| 7 | | 7 | | 7 | | 7 | 5,064.36 | 7 | 4,725.59 | 7 | 4,368.47 | 7 | 3,995.09 | 7 | 3,608.28 | 7 | 3,219.88 | 7 | 2,831.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,057.41 | 1/4 | 4,718.38 | 1/4 | 4,360.86 | 1/4 | 3,987.14 | 1/4 | 3,600.19 | 1/4 | 3,211.78 | 1/4 | 2,823.32 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,050.46 | 1/2 | 4,711.16 | 1/2 | 4,353.25 | 1/2 | 3,979.19 | 1/2 | 3,592.09 | 1/2 | 3,203.69 | 1/2 | 2,815.22 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,043.47 | 3/4 | 4,703.92 | 3/4 | 4,345.61 | 3/4 | 3,971.22 | 3/4 | 3,584.00 | 3/4 | 3,195.60 | 3/4 | 2,807.13 |
| 8 | | 8 | | 8 | | 8 | 5,036.49 | 8 | 4,696.68 | 8 | 4,337.97 | 8 | 3,963.25 | 8 | 3,575.91 | 8 | 3,187.51 | 8 | 2,799.03 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,029.50 | 1/4 | 4,689.45 | 1/4 | 4,330.33 | 1/4 | 3,955.27 | 1/4 | 3,567.82 | 1/4 | 3,179.42 | 1/4 | 2,790.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,022.51 | 1/2 | 4,682.21 | 1/2 | 4,322.70 | 1/2 | 3,947.30 | 1/2 | 3,559.73 | 1/2 | 3,171.33 | 1/2 | 2,782.85 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,015.58 | 3/4 | 4,674.87 | 3/4 | 4,315.03 | 3/4 | 3,939.31 | 3/4 | 3,551.63 | 3/4 | 3,163.23 | 3/4 | 2,774.75 |
| 9 | | 9 | | 9 | | 9 | 5,008.64 | 9 | 4,667.53 | 9 | 4,307.36 | 9 | 3,931.31 | 9 | 3,543.54 | 9 | 3,155.14 | 9 | 2,766.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,001.70 | 1/4 | 4,660.20 | 1/4 | 4,299.69 | 1/4 | 3,923.31 | 1/4 | 3,535.45 | 1/4 | 3,147.05 | 1/4 | 2,758.56 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,994.76 | 1/2 | 4,652.86 | 1/2 | 4,292.02 | 1/2 | 3,915.31 | 1/2 | 3,527.36 | 1/2 | 3,138.96 | 1/2 | 2,750.47 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,987.79 | 3/4 | 4,645.50 | 3/4 | 4,284.33 | 3/4 | 3,907.28 | 3/4 | 3,519.27 | 3/4 | 3,130.87 | 3/4 | 2,742.38 |
| 10 | | 10 | | 10 | | 10 | 4,980.83 | 10 | 4,638.13 | 10 | 4,276.63 | 10 | 3,899.25 | 10 | 3,511.18 | 10 | 3,122.77 | 10 | 2,734.28 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,973.86 | 1/4 | 4,630.76 | 1/4 | 4,268.94 | 1/4 | 3,891.22 | 1/4 | 3,503.08 | 1/4 | 3,114.68 | 1/4 | 2,726.19 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,966.90 | 1/2 | 4,623.40 | 1/2 | 4,261.24 | 1/2 | 3,883.19 | 1/2 | 3,494.99 | 1/2 | 3,106.59 | 1/2 | 2,718.09 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,959.90 | 3/4 | 4,616.00 | 3/4 | 4,253.51 | 3/4 | 3,875.14 | 3/4 | 3,486.90 | 3/4 | 3,098.50 | 3/4 | 2,710.00 |
| 11 | | 11 | | 11 | | 11 | 4,952.91 | 11 | 4,608.61 | 11 | 4,245.78 | 11 | 3,867.08 | 11 | 3,478.81 | 11 | 3,090.41 | 11 | 2,701.91 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,945.91 | 1/4 | 4,601.22 | 1/4 | 4,238.05 | 1/4 | 3,859.03 | 1/4 | 3,470.72 | 1/4 | 3,082.32 | 1/4 | 2,693.81 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,938.92 | 1/2 | 4,593.83 | 1/2 | 4,230.33 | 1/2 | 3,850.98 | 1/2 | 3,462.63 | 1/2 | 3,074.22 | 1/2 | 2,685.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,931.89 | 3/4 | 4,586.40 | 3/4 | 4,222.57 | 3/4 | 3,842.90 | 3/4 | 3,454.53 | 3/4 | 3,066.13 | 3/4 | 2,677.62 |

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 12'-09" OFF CENTERLINE AND 43'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28043"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|----|--------|----|--------|
| 0 | 2,669.53 | 0 | 2,281.01 | 0 | 1,892.50 | 0 | 1,503.98 | 0 | 1,115.46 | 0 | 727.43 | 0 | 339.52 | 0 | | 0 | | | |
| 1/4 | 2,661.44 | 1/4 | 2,272.92 | 1/4 | 1,884.40 | 1/4 | 1,495.88 | 1/4 | 1,107.37 | 1/4 | 719.36 | 1/4 | 331.44 | 1/4 | | | | | |
| 1/2 | 2,653.34 | 1/2 | 2,264.82 | 1/2 | 1,876.31 | 1/2 | 1,487.79 | 1/2 | 1,099.27 | 1/2 | 711.29 | 1/2 | 323.35 | 1/2 | | | | | |
| 3/4 | 2,645.25 | 3/4 | 2,256.73 | 3/4 | 1,868.21 | 3/4 | 1,479.70 | 3/4 | 1,091.18 | 3/4 | 703.22 | 3/4 | 315.26 | 3/4 | | | | | |
| 1 | 2,637.15 | 1 | 2,248.64 | 1 | 1,860.12 | 1 | 1,471.60 | 1 | 1,083.09 | 1 | 695.16 | 1 | 307.18 | 1 | | 1 | | | |
| 1/4 | 2,629.06 | 1/4 | 2,240.54 | 1/4 | 1,852.03 | 1/4 | 1,463.51 | 1/4 | 1,074.99 | 1/4 | 687.09 | 1/4 | 299.09 | 1/4 | | | | | |
| 1/2 | 2,620.96 | 1/2 | 2,232.45 | 1/2 | 1,843.93 | 1/2 | 1,455.41 | 1/2 | 1,066.90 | 1/2 | 679.02 | 1/2 | 291.01 | 1/2 | | | | | |
| 3/4 | 2,612.87 | 3/4 | 2,224.35 | 3/4 | 1,835.84 | 3/4 | 1,447.32 | 3/4 | 1,058.80 | 3/4 | 670.95 | 3/4 | 282.92 | 3/4 | | | | | |
| 2 | 2,604.78 | 2 | 2,216.26 | 2 | 1,827.74 | 2 | 1,439.23 | 2 | 1,050.71 | 2 | 662.88 | 2 | 274.84 | 2 | | 2 | | | |
| 1/4 | 2,596.68 | 1/4 | 2,208.17 | 1/4 | 1,819.65 | 1/4 | 1,431.13 | 1/4 | 1,042.62 | 1/4 | 654.81 | 1/4 | 266.75 | 1/4 | | | | | |
| 1/2 | 2,588.59 | 1/2 | 2,200.07 | 1/2 | 1,811.55 | 1/2 | 1,423.04 | 1/2 | 1,034.52 | 1/2 | 646.74 | 1/2 | 258.67 | 1/2 | | | | | |
| 3/4 | 2,580.49 | 3/4 | 2,191.98 | 3/4 | 1,803.46 | 3/4 | 1,414.94 | 3/4 | 1,026.43 | 3/4 | 638.66 | 3/4 | 250.58 | 3/4 | | | | | |
| 3 | 2,572.40 | 3 | 2,183.88 | 3 | 1,795.37 | 3 | 1,406.85 | 3 | 1,018.33 | 3 | 630.58 | 3 | 242.50 | 3 | | 3 | | | |
| 1/4 | 2,564.31 | 1/4 | 2,175.79 | 1/4 | 1,787.27 | 1/4 | 1,398.76 | 1/4 | 1,010.24 | 1/4 | 622.50 | 1/4 | 234.41 | 1/4 | | | | | |
| 1/2 | 2,556.21 | 1/2 | 2,167.70 | 1/2 | 1,779.18 | 1/2 | 1,390.66 | 1/2 | 1,002.14 | 1/2 | 614.42 | 1/2 | 226.33 | 1/2 | | | | | |
| 3/4 | 2,548.12 | 3/4 | 2,159.60 | 3/4 | 1,771.08 | 3/4 | 1,382.57 | 3/4 | 994.05 | 3/4 | 606.34 | 3/4 | 218.24 | 3/4 | | | | | |
| 4 | 2,540.02 | 4 | 2,151.51 | 4 | 1,762.99 | 4 | 1,374.47 | 4 | 985.96 | 4 | 598.25 | 4 | 210.15 | 4 | | 4 | | | |
| 1/4 | 2,531.93 | 1/4 | 2,143.41 | 1/4 | 1,754.90 | 1/4 | 1,366.38 | 1/4 | 977.86 | 1/4 | 590.17 | 1/4 | 202.07 | 1/4 | | | | | |
| 1/2 | 2,523.84 | 1/2 | 2,135.32 | 1/2 | 1,746.80 | 1/2 | 1,358.29 | 1/2 | 969.77 | 1/2 | 582.08 | 1/2 | 193.98 | 1/2 | | | | | |
| 3/4 | 2,515.74 | 3/4 | 2,127.22 | 3/4 | 1,738.71 | 3/4 | 1,350.19 | 3/4 | 961.67 | 3/4 | 574.00 | 3/4 | 185.90 | 3/4 | | | | | |
| 5 | 2,507.65 | 5 | 2,119.13 | 5 | 1,730.61 | 5 | 1,342.10 | 5 | 953.58 | 5 | 565.91 | 5 | 177.81 | 5 | | 5 | | | |
| 1/4 | 2,499.55 | 1/4 | 2,111.04 | 1/4 | 1,722.52 | 1/4 | 1,334.00 | 1/4 | 945.49 | 1/4 | 557.83 | 1/4 | 169.73 | 1/4 | | | | | |
| 1/2 | 2,491.46 | 1/2 | 2,102.94 | 1/2 | 1,714.43 | 1/2 | 1,325.91 | 1/2 | 937.39 | 1/2 | 549.74 | 1/2 | 161.64 | 1/2 | | | | | |
| 3/4 | 2,483.37 | 3/4 | 2,094.85 | 3/4 | 1,706.33 | 3/4 | 1,317.81 | 3/4 | 929.30 | 3/4 | 541.66 | 3/4 | 153.56 | 3/4 | | | | | |
| 6 | 2,475.27 | 6 | 2,086.75 | 6 | 1,698.24 | 6 | 1,309.72 | 6 | 921.20 | 6 | 533.57 | 6 | 145.47 | 6 | | 6 | | | |
| 1/4 | 2,467.18 | 1/4 | 2,078.66 | 1/4 | 1,690.14 | 1/4 | 1,301.63 | 1/4 | 913.11 | 1/4 | 525.48 | 1/4 | 137.39 | 1/4 | | | | | |
| 1/2 | 2,459.08 | 1/2 | 2,070.57 | 1/2 | 1,682.05 | 1/2 | 1,293.53 | 1/2 | 905.02 | 1/2 | 517.40 | 1/2 | 129.30 | 1/2 | | | | | |
| 3/4 | 2,450.99 | 3/4 | 2,062.47 | 3/4 | 1,673.96 | 3/4 | 1,285.44 | 3/4 | 896.93 | 3/4 | 509.31 | 3/4 | 121.21 | 3/4 | | | | | |
| 7 | 2,442.89 | 7 | 2,054.38 | 7 | 1,665.86 | 7 | 1,277.34 | 7 | 888.85 | 7 | 501.23 | 7 | 113.13 | 7 | | 7 | | | |
| 1/4 | 2,434.80 | 1/4 | 2,046.28 | 1/4 | 1,657.77 | 1/4 | 1,269.25 | 1/4 | 880.77 | 1/4 | 493.14 | 1/4 | 105.04 | 1/4 | | | | | |
| 1/2 | 2,426.71 | 1/2 | 2,038.19 | 1/2 | 1,649.67 | 1/2 | 1,261.16 | 1/2 | 872.69 | 1/2 | 485.06 | 1/2 | 96.96 | 1/2 | | | | | |
| 3/4 | 2,418.61 | 3/4 | 2,030.10 | 3/4 | 1,641.58 | 3/4 | 1,253.06 | 3/4 | 864.62 | 3/4 | 476.97 | 3/4 | 88.87 | 3/4 | | | | | |
| 8 | 2,410.52 | 8 | 2,022.00 | 8 | 1,633.48 | 8 | 1,244.97 | 8 | 856.55 | 8 | 468.89 | 8 | 80.79 | 8 | | 8 | | | |
| 1/4 | 2,402.42 | 1/4 | 2,013.91 | 1/4 | 1,625.39 | 1/4 | 1,236.87 | 1/4 | 848.48 | 1/4 | 460.80 | 1/4 | 72.70 | 1/4 | | | | | |
| 1/2 | 2,394.33 | 1/2 | 2,005.81 | 1/2 | 1,617.30 | 1/2 | 1,228.78 | 1/2 | 840.41 | 1/2 | 452.72 | 1/2 | 64.62 | 1/2 | | | | | |
| 3/4 | 2,386.24 | 3/4 | 1,997.72 | 3/4 | 1,609.20 | 3/4 | 1,220.69 | 3/4 | 832.34 | 3/4 | 444.63 | 3/4 | 57.54 | 3/4 | | | | | |
| 9 | 2,378.14 | 9 | 1,989.62 | 9 | 1,601.11 | 9 | 1,212.59 | 9 | 824.27 | 9 | 436.55 | 9 | 50.47 | 9 | | 9 | | | |
| 1/4 | 2,370.05 | 1/4 | 1,981.53 | 1/4 | 1,593.01 | 1/4 | 1,204.50 | 1/4 | 816.20 | 1/4 | 428.46 | 1/4 | 43.39 | 1/4 | | | | | |
| 1/2 | 2,361.95 | 1/2 | 1,973.44 | 1/2 | 1,584.92 | 1/2 | 1,196.40 | 1/2 | 808.13 | 1/2 | 420.37 | 1/2 | 36.32 | 1/2 | | | | | |
| 3/4 | 2,353.86 | 3/4 | 1,965.34 | 3/4 | 1,576.83 | 3/4 | 1,188.31 | 3/4 | 800.06 | 3/4 | 412.29 | 3/4 | 31.27 | 3/4 | | | | | |
| 10 | 2,345.77 | 10 | 1,957.25 | 10 | 1,568.73 | 10 | 1,180.21 | 10 | 791.99 | 10 | 404.20 | 10 | 26.22 | 10 | | 10 | | | |
| 1/4 | 2,337.67 | 1/4 | 1,949.15 | 1/4 | 1,560.64 | 1/4 | 1,172.12 | 1/4 | 783.92 | 1/4 | 396.12 | 1/4 | 21.17 | 1/4 | | | | | |
| 1/2 | 2,329.58 | 1/2 | 1,941.06 | 1/2 | 1,552.54 | 1/2 | 1,164.03 | 1/2 | 775.85 | 1/2 | 388.03 | 1/2 | 16.12 | 1/2 | | | | | |
| 3/4 | 2,321.48 | 3/4 | 1,932.97 | 3/4 | 1,544.45 | 3/4 | 1,155.93 | 3/4 | 767.78 | 3/4 | 379.95 | 3/4 | | 3/4 | | | | | |
| 11 | 2,313.39 | 11 | 1,924.87 | 11 | 1,536.36 | 11 | 1,147.84 | 11 | 759.71 | 11 | 371.86 | 11 | | 11 | | 11 | | | |
| 1/4 | 2,305.29 | 1/4 | 1,916.78 | 1/4 | 1,528.26 | 1/4 | 1,139.74 | 1/4 | 751.64 | 1/4 | 363.78 | 1/4 | | | | | | | |
| 1/2 | 2,297.20 | 1/2 | 1,908.68 | 1/2 | 1,520.17 | 1/2 | 1,131.65 | 1/2 | 743.57 | 1/2 | 355.69 | 1/2 | | | | | | | |
| 3/4 | 2,289.11 | 3/4 | 1,900.59 | 3/4 | 1,512.07 | 3/4 | 1,123.56 | 3/4 | 735.50 | 3/4 | 347.61 | 3/4 | | | | | | | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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



BARGE "KIRBY 28043"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| 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 | 5,251.86 | 0 | 4,902.10 | 0 | 4,556.81 | 0 | 4,193.31 | 0 | 3,813.99 | 0 | 3,426.31 | 0 | 3,038.60 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,245.80 | 1/4 | 4,895.09 | 1/4 | 4,549.40 | 1/4 | 4,185.58 | 1/4 | 3,805.93 | 1/4 | 3,418.23 | 1/4 | 3,030.53 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,239.74 | 1/2 | 4,888.08 | 1/2 | 4,541.99 | 1/2 | 4,177.84 | 1/2 | 3,797.86 | 1/2 | 3,410.16 | 1/2 | 3,022.45 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,231.66 | 3/4 | 4,881.04 | 3/4 | 4,534.55 | 3/4 | 4,170.08 | 3/4 | 3,789.78 | 3/4 | 3,402.08 | 3/4 | 3,014.37 |
| 1 | | 1 | | 1 | | 1 | 5,223.58 | 1 | 4,874.00 | 1 | 4,527.11 | 1 | 4,162.31 | 1 | 3,781.71 | 1 | 3,394.00 | 1 | 3,006.29 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,215.50 | 1/4 | 4,866.96 | 1/4 | 4,519.68 | 1/4 | 4,154.55 | 1/4 | 3,773.63 | 1/4 | 3,385.92 | 1/4 | 2,998.21 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,207.42 | 1/2 | 4,859.92 | 1/2 | 4,512.24 | 1/2 | 4,146.79 | 1/2 | 3,765.55 | 1/2 | 3,377.85 | 1/2 | 2,990.13 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,199.34 | 3/4 | 4,852.86 | 3/4 | 4,504.78 | 3/4 | 4,138.99 | 3/4 | 3,757.48 | 3/4 | 3,369.77 | 3/4 | 2,982.05 |
| 2 | | 2 | | 2 | | 2 | 5,191.26 | 2 | 4,845.79 | 2 | 4,497.32 | 2 | 4,131.20 | 2 | 3,749.40 | 2 | 3,361.69 | 2 | 2,973.97 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,183.18 | 1/4 | 4,838.73 | 1/4 | 4,489.86 | 1/4 | 4,123.40 | 1/4 | 3,741.32 | 1/4 | 3,353.62 | 1/4 | 2,965.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,175.10 | 1/2 | 4,831.67 | 1/2 | 4,482.40 | 1/2 | 4,115.61 | 1/2 | 3,733.24 | 1/2 | 3,345.54 | 1/2 | 2,957.81 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,167.02 | 3/4 | 4,824.58 | 3/4 | 4,474.91 | 3/4 | 4,107.79 | 3/4 | 3,725.17 | 3/4 | 3,337.46 | 3/4 | 2,949.74 |
| 3 | | 3 | | 3 | | 3 | 5,158.94 | 3 | 4,817.49 | 3 | 4,467.41 | 3 | 4,099.97 | 3 | 3,717.09 | 3 | 3,329.38 | 3 | 2,941.66 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,150.86 | 1/4 | 4,810.40 | 1/4 | 4,459.92 | 1/4 | 4,092.15 | 1/4 | 3,709.01 | 1/4 | 3,321.31 | 1/4 | 2,933.58 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,142.78 | 1/2 | 4,803.32 | 1/2 | 4,452.42 | 1/2 | 4,084.33 | 1/2 | 3,700.93 | 1/2 | 3,313.23 | 1/2 | 2,925.50 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,134.70 | 3/4 | 4,796.19 | 3/4 | 4,444.91 | 3/4 | 4,076.49 | 3/4 | 3,692.86 | 3/4 | 3,305.15 | 3/4 | 2,917.42 |
| 4 | | 4 | | 4 | | 4 | 5,126.62 | 4 | 4,789.07 | 4 | 4,437.39 | 4 | 4,068.64 | 4 | 3,684.78 | 4 | 3,297.07 | 4 | 2,909.34 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,118.54 | 1/4 | 4,781.95 | 1/4 | 4,429.87 | 1/4 | 4,060.80 | 1/4 | 3,676.70 | 1/4 | 3,289.00 | 1/4 | 2,901.26 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,110.47 | 1/2 | 4,774.83 | 1/2 | 4,422.36 | 1/2 | 4,052.95 | 1/2 | 3,668.63 | 1/2 | 3,280.92 | 1/2 | 2,893.18 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,103.57 | 3/4 | 4,767.69 | 3/4 | 4,414.81 | 3/4 | 4,045.08 | 3/4 | 3,660.55 | 3/4 | 3,272.84 | 3/4 | 2,885.10 |
| 5 | | 5 | | 5 | | 5 | 5,096.68 | 5 | 4,760.54 | 5 | 4,407.27 | 5 | 4,037.20 | 5 | 3,652.47 | 5 | 3,264.77 | 5 | 2,877.02 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,089.79 | 1/4 | 4,753.40 | 1/4 | 4,399.73 | 1/4 | 4,029.33 | 1/4 | 3,644.39 | 1/4 | 3,256.69 | 1/4 | 2,868.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,082.89 | 1/2 | 4,746.25 | 1/2 | 4,392.18 | 1/2 | 4,021.45 | 1/2 | 3,636.32 | 1/2 | 3,248.61 | 1/2 | 2,860.86 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,075.98 | 3/4 | 4,739.08 | 3/4 | 4,384.61 | 3/4 | 4,013.55 | 3/4 | 3,628.24 | 3/4 | 3,240.53 | 3/4 | 2,852.78 |
| 6 | | 6 | | 6 | | 6 | 5,069.06 | 6 | 4,731.91 | 6 | 4,377.04 | 6 | 4,005.65 | 6 | 3,620.16 | 6 | 3,232.46 | 6 | 2,844.70 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,062.15 | 1/4 | 4,724.74 | 1/4 | 4,369.46 | 1/4 | 3,997.75 | 1/4 | 3,612.09 | 1/4 | 3,224.38 | 1/4 | 2,836.62 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,055.23 | 1/2 | 4,717.57 | 1/2 | 4,361.89 | 1/2 | 3,989.85 | 1/2 | 3,604.01 | 1/2 | 3,216.30 | 1/2 | 2,828.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,048.29 | 3/4 | 4,710.37 | 3/4 | 4,354.29 | 3/4 | 3,981.91 | 3/4 | 3,595.93 | 3/4 | 3,208.23 | 3/4 | 2,820.47 |
| 7 | | 7 | | 7 | | 7 | 5,041.35 | 7 | 4,703.17 | 7 | 4,346.69 | 7 | 3,973.97 | 7 | 3,587.85 | 7 | 3,200.15 | 7 | 2,812.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,034.40 | 1/4 | 4,695.97 | 1/4 | 4,339.09 | 1/4 | 3,966.04 | 1/4 | 3,579.78 | 1/4 | 3,192.07 | 1/4 | 2,804.31 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 5,027.46 | 1/2 | 4,688.77 | 1/2 | 4,331.49 | 1/2 | 3,958.10 | 1/2 | 3,571.70 | 1/2 | 3,183.99 | 1/2 | 2,796.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 5,020.49 | 3/4 | 4,681.54 | 3/4 | 4,323.87 | 3/4 | 3,950.14 | 3/4 | 3,563.62 | 3/4 | 3,175.92 | 3/4 | 2,788.15 |
| 8 | | 8 | | 8 | | 8 | 5,013.52 | 8 | 4,674.31 | 8 | 4,316.24 | 8 | 3,942.19 | 8 | 3,555.55 | 8 | 3,167.84 | 8 | 2,780.07 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 5,006.54 | 1/4 | 4,667.09 | 1/4 | 4,308.62 | 1/4 | 3,934.23 | 1/4 | 3,547.47 | 1/4 | 3,159.76 | 1/4 | 2,771.99 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,999.57 | 1/2 | 4,659.86 | 1/2 | 4,300.99 | 1/2 | 3,926.27 | 1/2 | 3,539.39 | 1/2 | 3,151.69 | 1/2 | 2,763.91 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,992.64 | 3/4 | 4,652.54 | 3/4 | 4,293.34 | 3/4 | 3,918.29 | 3/4 | 3,531.31 | 3/4 | 3,143.61 | 3/4 | 2,755.83 |
| 9 | | 9 | | 9 | | 9 | 4,985.71 | 9 | 4,645.22 | 9 | 4,285.68 | 9 | 3,910.31 | 9 | 3,523.24 | 9 | 3,135.53 | 9 | 2,747.75 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,978.79 | 1/4 | 4,637.89 | 1/4 | 4,278.03 | 1/4 | 3,902.33 | 1/4 | 3,515.16 | 1/4 | 3,127.45 | 1/4 | 2,739.67 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,971.86 | 1/2 | 4,630.57 | 1/2 | 4,270.37 | 1/2 | 3,894.34 | 1/2 | 3,507.08 | 1/2 | 3,119.38 | 1/2 | 2,731.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,964.91 | 3/4 | 4,623.22 | 3/4 | 4,262.69 | 3/4 | 3,886.33 | 3/4 | 3,499.00 | 3/4 | 3,111.30 | 3/4 | 2,723.51 |
| 10 | | 10 | | 10 | | 10 | 4,957.96 | 10 | 4,615.86 | 10 | 4,255.01 | 10 | 3,878.31 | 10 | 3,490.93 | 10 | 3,103.22 | 10 | 2,715.43 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,951.00 | 1/4 | 4,608.51 | 1/4 | 4,247.33 | 1/4 | 3,870.29 | 1/4 | 3,482.85 | 1/4 | 3,095.14 | 1/4 | 2,707.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,944.05 | 1/2 | 4,601.16 | 1/2 | 4,239.65 | 1/2 | 3,862.28 | 1/2 | 3,474.77 | 1/2 | 3,087.07 | 1/2 | 2,699.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,937.07 | 3/4 | 4,593.78 | 3/4 | 4,231.93 | 3/4 | 3,854.24 | 3/4 | 3,466.70 | 3/4 | 3,078.99 | 3/4 | 2,691.19 |
| 11 | | 11 | | 11 | | 11 | 4,930.08 | 11 | 4,586.40 | 11 | 4,224.22 | 11 | 3,846.20 | 11 | 3,458.62 | 11 | 3,070.91 | 11 | 2,683.12 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 4,923.10 | 1/4 | 4,579.02 | 1/4 | 4,216.50 | 1/4 | 3,838.16 | 1/4 | 3,450.54 | 1/4 | 3,062.84 | 1/4 | 2,675.04 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 4,916.12 | 1/2 | 4,571.64 | 1/2 | 4,208.79 | 1/2 | 3,830.12 | 1/2 | 3,442.46 | 1/2 | 3,054.76 | 1/2 | 2,666.96 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 4,909.11 | 3/4 | 4,564.23 | 3/4 | 4,201.05 | 3/4 | 3,822.06 | 3/4 | 3,434.39 | 3/4 | 3,046.68 | 3/4 | 2,658.88 |

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 12'-09" OFF CENTERLINE AND 43'-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 28043"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|----|--------|----|--------|
| 0 | 2,650.80 | 0 | 2,262.99 | 0 | 1,875.18 | 0 | 1,487.36 | 0 | 1,099.55 | 0 | 720.89 | 0 | 339.61 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,642.72 | 1/4 | 2,254.91 | 1/4 | 1,867.10 | 1/4 | 1,479.28 | 1/4 | 1,091.47 | 1/4 | 713.14 | 1/4 | 331.54 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,634.64 | 1/2 | 2,246.83 | 1/2 | 1,859.02 | 1/2 | 1,471.21 | 1/2 | 1,083.39 | 1/2 | 705.39 | 1/2 | 323.46 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,626.56 | 3/4 | 2,238.75 | 3/4 | 1,850.94 | 3/4 | 1,463.13 | 3/4 | 1,075.31 | 3/4 | 697.65 | 3/4 | 315.38 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 1 | 2,618.48 | 1 | 2,230.67 | 1 | 1,842.86 | 1 | 1,455.05 | 1 | 1,067.24 | 1 | 689.91 | 1 | 307.30 | 1 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,610.40 | 1/4 | 2,222.59 | 1/4 | 1,834.78 | 1/4 | 1,446.97 | 1/4 | 1,059.16 | 1/4 | 682.16 | 1/4 | 299.22 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,602.32 | 1/2 | 2,214.51 | 1/2 | 1,826.70 | 1/2 | 1,438.89 | 1/2 | 1,051.08 | 1/2 | 674.42 | 1/2 | 291.14 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,594.24 | 3/4 | 2,206.43 | 3/4 | 1,818.62 | 3/4 | 1,430.81 | 3/4 | 1,043.00 | 3/4 | 666.68 | 3/4 | 283.07 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 2 | 2,586.16 | 2 | 2,198.35 | 2 | 1,810.54 | 2 | 1,422.73 | 2 | 1,034.92 | 2 | 658.93 | 2 | 274.99 | 2 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,578.08 | 1/4 | 2,190.27 | 1/4 | 1,802.46 | 1/4 | 1,414.65 | 1/4 | 1,026.84 | 1/4 | 651.19 | 1/4 | 266.91 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,570.00 | 1/2 | 2,182.19 | 1/2 | 1,794.38 | 1/2 | 1,406.57 | 1/2 | 1,018.76 | 1/2 | 643.44 | 1/2 | 258.83 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,561.92 | 3/4 | 2,174.11 | 3/4 | 1,786.30 | 3/4 | 1,398.49 | 3/4 | 1,010.68 | 3/4 | 635.69 | 3/4 | 250.75 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 3 | 2,553.84 | 3 | 2,166.03 | 3 | 1,778.22 | 3 | 1,390.41 | 3 | 1,002.60 | 3 | 627.94 | 3 | 242.67 | 3 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,545.77 | 1/4 | 2,157.95 | 1/4 | 1,770.14 | 1/4 | 1,382.33 | 1/4 | 994.52 | 1/4 | 620.18 | 1/4 | 234.59 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,537.69 | 1/2 | 2,149.87 | 1/2 | 1,762.06 | 1/2 | 1,374.25 | 1/2 | 986.44 | 1/2 | 612.43 | 1/2 | 226.52 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,529.61 | 3/4 | 2,141.80 | 3/4 | 1,753.98 | 3/4 | 1,366.17 | 3/4 | 978.36 | 3/4 | 604.66 | 3/4 | 218.44 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 4 | 2,521.53 | 4 | 2,133.72 | 4 | 1,745.90 | 4 | 1,358.09 | 4 | 970.28 | 4 | 596.89 | 4 | 210.36 | 4 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,513.45 | 1/4 | 2,125.64 | 1/4 | 1,737.83 | 1/4 | 1,350.01 | 1/4 | 962.20 | 1/4 | 589.13 | 1/4 | 202.28 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,505.37 | 1/2 | 2,117.56 | 1/2 | 1,729.75 | 1/2 | 1,341.93 | 1/2 | 954.12 | 1/2 | 581.36 | 1/2 | 194.20 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,497.29 | 3/4 | 2,109.48 | 3/4 | 1,721.67 | 3/4 | 1,333.86 | 3/4 | 946.20 | 3/4 | 573.43 | 3/4 | 186.12 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 5 | 2,489.21 | 5 | 2,101.40 | 5 | 1,713.59 | 5 | 1,325.78 | 5 | 938.27 | 5 | 565.51 | 5 | 178.04 | 5 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,481.13 | 1/4 | 2,093.32 | 1/4 | 1,705.51 | 1/4 | 1,317.70 | 1/4 | 930.34 | 1/4 | 557.58 | 1/4 | 169.97 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,473.05 | 1/2 | 2,085.24 | 1/2 | 1,697.43 | 1/2 | 1,309.62 | 1/2 | 922.41 | 1/2 | 549.66 | 1/2 | 161.89 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,464.97 | 3/4 | 2,077.16 | 3/4 | 1,689.35 | 3/4 | 1,301.54 | 3/4 | 914.64 | 3/4 | 541.58 | 3/4 | 153.81 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 6 | 2,456.89 | 6 | 2,069.08 | 6 | 1,681.27 | 6 | 1,293.46 | 6 | 906.87 | 6 | 533.50 | 6 | 145.73 | 6 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,448.81 | 1/4 | 2,061.00 | 1/4 | 1,673.19 | 1/4 | 1,285.38 | 1/4 | 899.10 | 1/4 | 525.42 | 1/4 | 137.65 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,440.73 | 1/2 | 2,052.92 | 1/2 | 1,665.11 | 1/2 | 1,277.30 | 1/2 | 891.33 | 1/2 | 517.34 | 1/2 | 129.57 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,432.65 | 3/4 | 2,044.84 | 3/4 | 1,657.03 | 3/4 | 1,269.22 | 3/4 | 883.58 | 3/4 | 509.26 | 3/4 | 121.50 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 7 | 2,424.57 | 7 | 2,036.76 | 7 | 1,648.95 | 7 | 1,261.14 | 7 | 875.82 | 7 | 501.18 | 7 | 113.42 | 7 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,416.50 | 1/4 | 2,028.68 | 1/4 | 1,640.87 | 1/4 | 1,253.06 | 1/4 | 868.06 | 1/4 | 493.11 | 1/4 | 105.34 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,408.42 | 1/2 | 2,020.60 | 1/2 | 1,632.79 | 1/2 | 1,244.98 | 1/2 | 860.31 | 1/2 | 485.03 | 1/2 | 97.26 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,400.34 | 3/4 | 2,012.53 | 3/4 | 1,624.71 | 3/4 | 1,236.90 | 3/4 | 852.56 | 3/4 | 476.95 | 3/4 | 89.18 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 8 | 2,392.26 | 8 | 2,004.45 | 8 | 1,616.63 | 8 | 1,228.82 | 8 | 844.82 | 8 | 468.87 | 8 | 81.10 | 8 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,384.18 | 1/4 | 1,996.37 | 1/4 | 1,608.56 | 1/4 | 1,220.74 | 1/4 | 837.07 | 1/4 | 460.79 | 1/4 | 73.02 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,376.10 | 1/2 | 1,988.29 | 1/2 | 1,600.48 | 1/2 | 1,212.66 | 1/2 | 829.32 | 1/2 | 452.71 | 1/2 | 64.95 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,368.02 | 3/4 | 1,980.21 | 3/4 | 1,592.40 | 3/4 | 1,204.59 | 3/4 | 821.58 | 3/4 | 444.64 | 3/4 | 57.88 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 9 | 2,359.94 | 9 | 1,972.13 | 9 | 1,584.32 | 9 | 1,196.51 | 9 | 813.83 | 9 | 436.56 | 9 | 50.81 | 9 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,351.86 | 1/4 | 1,964.05 | 1/4 | 1,576.24 | 1/4 | 1,188.43 | 1/4 | 806.09 | 1/4 | 428.48 | 1/4 | 43.74 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,343.78 | 1/2 | 1,955.97 | 1/2 | 1,568.16 | 1/2 | 1,180.35 | 1/2 | 798.34 | 1/2 | 420.40 | 1/2 | 36.67 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,335.70 | 3/4 | 1,947.89 | 3/4 | 1,560.08 | 3/4 | 1,172.27 | 3/4 | 790.60 | 3/4 | 412.32 | 3/4 | 31.62 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 10 | 2,327.62 | 10 | 1,939.81 | 10 | 1,552.00 | 10 | 1,164.19 | 10 | 782.85 | 10 | 404.24 | 10 | 26.57 | 10 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,319.54 | 1/4 | 1,931.73 | 1/4 | 1,543.92 | 1/4 | 1,156.11 | 1/4 | 775.11 | 1/4 | 396.16 | 1/4 | 21.52 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,311.46 | 1/2 | 1,923.65 | 1/2 | 1,535.84 | 1/2 | 1,148.03 | 1/2 | 767.36 | 1/2 | 388.09 | 1/2 | 16.47 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,303.38 | 3/4 | 1,915.57 | 3/4 | 1,527.76 | 3/4 | 1,139.95 | 3/4 | 759.61 | 3/4 | 380.01 | 3/4 | 0 | 3/4 | 0 | 0 | 0 | 0 | 0 |
| 11 | 2,295.30 | 11 | 1,907.49 | 11 | 1,519.68 | 11 | 1,131.87 | 11 | 751.87 | 11 | 371.93 | 11 | 0 | 11 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,287.22 | 1/4 | 1,899.41 | 1/4 | 1,511.60 | 1/4 | 1,123.79 | 1/4 | 744.12 | 1/4 | 363.85 | 1/4 | 0 | 1/4 | 0 | 0 | 0 | 0 | 0 |
| 1/2 | 2,279.15 | 1/2 | 1,891.33 | 1/2 | 1,503.52 | 1/2 | 1,115.71 | 1/2 | 736.38 | 1/2 | 355.77 | 1/2 | 0 | 1/2 | 0 | 0 | 0 | 0 | 0 |
| 3/4 | 2,271.07 | 3/4 | 1,883.25 | 3/4 | 1,495.44 | 3/4 | 1,107.63 | 3/4 | 728.63 | 3/4 | 347.69 | 3/4 | 0 | 3/4 | 0 | 0 | 0 | 0 | 0 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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



BARGE "KIRBY 28043"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| 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 | 4,632.81 | 0 | 4,366.64 | 0 | 4,103.50 | 0 | 3,827.09 | 0 | 3,538.65 | 0 | 3,210.40 | 0 | 2,848.67 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,628.20 | 1/4 | 4,361.29 | 1/4 | 4,097.87 | 1/4 | 3,821.21 | 1/4 | 3,532.51 | 1/4 | 3,202.86 | 1/4 | 2,841.14 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,623.59 | 1/2 | 4,355.94 | 1/2 | 4,092.23 | 1/2 | 3,815.33 | 1/2 | 3,526.38 | 1/2 | 3,195.33 | 1/2 | 2,833.60 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,617.44 | 3/4 | 4,350.57 | 3/4 | 4,086.58 | 3/4 | 3,809.42 | 3/4 | 3,520.24 | 3/4 | 3,187.79 | 3/4 | 2,826.07 | | |
| 1 | 1 | 1 | 1 | 1 | 4,611.30 | 1 | 4,345.20 | 1 | 4,080.92 | 1 | 3,803.52 | 1 | 3,514.10 | 1 | 3,180.25 | 1 | 2,818.53 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,605.16 | 1/4 | 4,339.83 | 1/4 | 4,075.27 | 1/4 | 3,797.62 | 1/4 | 3,507.95 | 1/4 | 3,172.72 | 1/4 | 2,810.99 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,599.01 | 1/2 | 4,334.46 | 1/2 | 4,069.61 | 1/2 | 3,791.71 | 1/2 | 3,501.81 | 1/2 | 3,165.18 | 1/2 | 2,803.45 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,592.87 | 3/4 | 4,329.07 | 3/4 | 4,063.94 | 3/4 | 3,785.79 | 3/4 | 3,495.67 | 3/4 | 3,157.65 | 3/4 | 2,795.92 | | |
| 2 | 2 | 2 | 2 | 2 | 4,586.73 | 2 | 4,323.69 | 2 | 4,058.27 | 2 | 3,779.86 | 2 | 3,489.53 | 2 | 3,150.11 | 2 | 2,788.38 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,580.58 | 1/4 | 4,318.30 | 1/4 | 4,052.59 | 1/4 | 3,773.93 | 1/4 | 3,483.39 | 1/4 | 3,142.57 | 1/4 | 2,780.84 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,574.44 | 1/2 | 4,312.91 | 1/2 | 4,046.92 | 1/2 | 3,768.00 | 1/2 | 3,477.24 | 1/2 | 3,135.04 | 1/2 | 2,773.30 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,568.30 | 3/4 | 4,307.51 | 3/4 | 4,041.22 | 3/4 | 3,762.06 | 3/4 | 3,471.10 | 3/4 | 3,127.50 | 3/4 | 2,765.77 | | |
| 3 | 3 | 3 | 3 | 3 | 4,562.15 | 3 | 4,302.10 | 3 | 4,035.52 | 3 | 3,756.11 | 3 | 3,464.96 | 3 | 3,119.97 | 3 | 2,758.23 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,556.01 | 1/4 | 4,296.69 | 1/4 | 4,029.83 | 1/4 | 3,750.17 | 1/4 | 3,458.82 | 1/4 | 3,112.43 | 1/4 | 2,750.69 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,549.87 | 1/2 | 4,291.28 | 1/2 | 4,024.13 | 1/2 | 3,744.22 | 1/2 | 3,452.68 | 1/2 | 3,104.89 | 1/2 | 2,743.16 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,543.72 | 3/4 | 4,285.85 | 3/4 | 4,018.41 | 3/4 | 3,738.26 | 3/4 | 3,446.39 | 3/4 | 3,097.36 | 3/4 | 2,735.62 | | |
| 4 | 4 | 4 | 4 | 4 | 4,537.58 | 4 | 4,280.42 | 4 | 4,012.69 | 4 | 3,732.29 | 4 | 3,440.11 | 4 | 3,089.82 | 4 | 2,728.08 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,531.44 | 1/4 | 4,274.99 | 1/4 | 4,006.98 | 1/4 | 3,726.32 | 1/4 | 3,433.83 | 1/4 | 3,082.29 | 1/4 | 2,720.54 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,525.29 | 1/2 | 4,269.56 | 1/2 | 4,001.26 | 1/2 | 3,720.36 | 1/2 | 3,427.55 | 1/2 | 3,074.75 | 1/2 | 2,713.01 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,520.05 | 3/4 | 4,264.11 | 3/4 | 3,995.53 | 3/4 | 3,714.37 | 3/4 | 3,420.99 | 3/4 | 3,067.22 | 3/4 | 2,705.47 | | |
| 5 | 5 | 5 | 5 | 5 | 4,514.81 | 5 | 4,258.66 | 5 | 3,989.79 | 5 | 3,708.38 | 5 | 3,414.43 | 5 | 3,059.68 | 5 | 2,697.93 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,509.57 | 1/4 | 4,253.21 | 1/4 | 3,984.05 | 1/4 | 3,702.39 | 1/4 | 3,407.87 | 1/4 | 3,052.14 | 1/4 | 2,690.40 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,504.33 | 1/2 | 4,247.76 | 1/2 | 3,978.32 | 1/2 | 3,696.40 | 1/2 | 3,401.31 | 1/2 | 3,044.61 | 1/2 | 2,682.86 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,499.07 | 3/4 | 4,242.29 | 3/4 | 3,972.56 | 3/4 | 3,690.40 | 3/4 | 3,394.47 | 3/4 | 3,037.07 | 3/4 | 2,675.32 | | |
| 6 | 6 | 6 | 6 | 6 | 4,493.81 | 6 | 4,236.82 | 6 | 3,966.80 | 6 | 3,684.39 | 6 | 3,387.63 | 6 | 3,029.54 | 6 | 2,667.78 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,488.56 | 1/4 | 4,231.35 | 1/4 | 3,961.04 | 1/4 | 3,678.38 | 1/4 | 3,380.79 | 1/4 | 3,022.00 | 1/4 | 2,660.25 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,483.30 | 1/2 | 4,225.88 | 1/2 | 3,955.28 | 1/2 | 3,672.37 | 1/2 | 3,373.95 | 1/2 | 3,014.46 | 1/2 | 2,652.71 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,478.02 | 3/4 | 4,220.39 | 3/4 | 3,949.50 | 3/4 | 3,666.34 | 3/4 | 3,366.84 | 3/4 | 3,006.93 | 3/4 | 2,645.17 | | |
| 7 | 7 | 7 | 7 | 7 | 4,472.74 | 7 | 4,214.90 | 7 | 3,943.72 | 7 | 3,660.30 | 7 | 3,359.72 | 7 | 2,999.39 | 7 | 2,637.64 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,467.46 | 1/4 | 4,209.41 | 1/4 | 3,937.95 | 1/4 | 3,654.27 | 1/4 | 3,352.60 | 1/4 | 2,991.86 | 1/4 | 2,630.10 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,462.19 | 1/2 | 4,203.91 | 1/2 | 3,932.17 | 1/2 | 3,648.23 | 1/2 | 3,345.48 | 1/2 | 2,984.32 | 1/2 | 2,622.56 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,456.88 | 3/4 | 4,198.40 | 3/4 | 3,926.37 | 3/4 | 3,642.18 | 3/4 | 3,338.09 | 3/4 | 2,976.78 | 3/4 | 2,615.02 | | |
| 8 | 8 | 8 | 8 | 8 | 4,451.58 | 8 | 4,192.89 | 8 | 3,920.57 | 8 | 3,636.13 | 8 | 3,330.69 | 8 | 2,969.25 | 8 | 2,607.49 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,446.28 | 1/4 | 4,187.38 | 1/4 | 3,914.77 | 1/4 | 3,630.08 | 1/4 | 3,323.30 | 1/4 | 2,961.71 | 1/4 | 2,599.95 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,440.98 | 1/2 | 4,181.86 | 1/2 | 3,908.98 | 1/2 | 3,624.03 | 1/2 | 3,315.90 | 1/2 | 2,954.18 | 1/2 | 2,592.41 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,435.69 | 3/4 | 4,176.30 | 3/4 | 3,903.15 | 3/4 | 3,617.96 | 3/4 | 3,308.36 | 3/4 | 2,946.64 | 3/4 | 2,584.87 | | |
| 9 | 9 | 9 | 9 | 9 | 4,430.41 | 9 | 4,170.73 | 9 | 3,897.33 | 9 | 3,611.89 | 9 | 3,300.83 | 9 | 2,939.11 | 9 | 2,577.34 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,425.13 | 1/4 | 4,165.16 | 1/4 | 3,891.51 | 1/4 | 3,605.82 | 1/4 | 3,293.29 | 1/4 | 2,931.57 | 1/4 | 2,569.80 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,419.84 | 1/2 | 4,159.59 | 1/2 | 3,885.69 | 1/2 | 3,599.75 | 1/2 | 3,285.76 | 1/2 | 2,924.03 | 1/2 | 2,562.26 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,414.54 | 3/4 | 4,154.00 | 3/4 | 3,879.85 | 3/4 | 3,593.65 | 3/4 | 3,278.22 | 3/4 | 2,916.50 | 3/4 | 2,554.73 | | |
| 10 | 10 | 10 | 10 | 10 | 4,409.24 | 10 | 4,148.41 | 10 | 3,874.01 | 10 | 3,587.55 | 10 | 3,270.68 | 10 | 2,908.96 | 10 | 2,547.19 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,403.94 | 1/4 | 4,142.82 | 1/4 | 3,868.17 | 1/4 | 3,581.46 | 1/4 | 3,263.15 | 1/4 | 2,901.43 | 1/4 | 2,539.65 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,398.63 | 1/2 | 4,137.22 | 1/2 | 3,862.33 | 1/2 | 3,575.36 | 1/2 | 3,255.61 | 1/2 | 2,893.89 | 1/2 | 2,532.11 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,393.31 | 3/4 | 4,131.61 | 3/4 | 3,856.46 | 3/4 | 3,569.25 | 3/4 | 3,248.08 | 3/4 | 2,886.35 | 3/4 | 2,524.58 | | |
| 11 | 11 | 11 | 11 | 11 | 4,387.98 | 11 | 4,126.00 | 11 | 3,850.59 | 11 | 3,563.14 | 11 | 3,240.54 | 11 | 2,878.82 | 11 | 2,517.04 | | |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,382.65 | 1/4 | 4,120.39 | 1/4 | 3,844.73 | 1/4 | 3,557.02 | 1/4 | 3,233.01 | 1/4 | 2,871.28 | 1/4 | 2,509.50 | | |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,377.33 | 1/2 | 4,114.78 | 1/2 | 3,838.86 | 1/2 | 3,550.91 | 1/2 | 3,225.47 | 1/2 | 2,863.75 | 1/2 | 2,501.97 | | |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,371.98 | 3/4 | 4,109.14 | 3/4 | 3,832.98 | 3/4 | 3,544.78 | 3/4 | 3,217.93 | 3/4 | 2,856.21 | 3/4 | 2,494.43 | | |

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 12'-09" OFF CENTERLINE AND 40'-06" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28043"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 2,486.89 | 0 | 2,125.11 | 0 | 1,763.32 | 0 | 1,401.53 | 0 | 1,040.00 | 0 | 678.77 | 0 | 317.00 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1/4 | 2,479.35 | 1/4 | 2,117.57 | 1/4 | 1,755.78 | 1/4 | 1,394.00 | 1/4 | 1,032.49 | 1/4 | 671.23 | 1/4 | 309.46 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,471.82 | 1/2 | 2,110.03 | 1/2 | 1,748.25 | 1/2 | 1,386.46 | 1/2 | 1,024.97 | 1/2 | 663.69 | 1/2 | 301.92 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,464.28 | 3/4 | 2,102.49 | 3/4 | 1,740.71 | 3/4 | 1,378.92 | 3/4 | 1,017.46 | 3/4 | 656.16 | 3/4 | 294.39 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 1 | 2,456.74 | 1 | 2,094.96 | 1 | 1,733.17 | 1 | 1,371.39 | 1 | 1,009.95 | 1 | 648.62 | 1 | 286.85 | 1 | 0 | 1 | 0 | 1 | 0 |
| 1/4 | 2,449.21 | 1/4 | 2,087.42 | 1/4 | 1,725.63 | 1/4 | 1,363.85 | 1/4 | 1,002.44 | 1/4 | 641.08 | 1/4 | 279.31 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,441.67 | 1/2 | 2,079.88 | 1/2 | 1,718.10 | 1/2 | 1,356.31 | 1/2 | 994.92 | 1/2 | 633.55 | 1/2 | 271.78 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,434.13 | 3/4 | 2,072.35 | 3/4 | 1,710.56 | 3/4 | 1,348.77 | 3/4 | 987.41 | 3/4 | 626.01 | 3/4 | 264.24 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 2 | 2,426.59 | 2 | 2,064.81 | 2 | 1,703.02 | 2 | 1,341.24 | 2 | 979.90 | 2 | 618.47 | 2 | 256.70 | 2 | 0 | 2 | 0 | 2 | 0 |
| 1/4 | 2,419.06 | 1/4 | 2,057.27 | 1/4 | 1,695.49 | 1/4 | 1,333.70 | 1/4 | 972.39 | 1/4 | 610.94 | 1/4 | 249.16 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,411.52 | 1/2 | 2,049.73 | 1/2 | 1,687.95 | 1/2 | 1,326.16 | 1/2 | 964.87 | 1/2 | 603.40 | 1/2 | 241.63 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,403.98 | 3/4 | 2,042.20 | 3/4 | 1,680.41 | 3/4 | 1,318.63 | 3/4 | 957.36 | 3/4 | 595.86 | 3/4 | 234.09 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 3 | 2,396.44 | 3 | 2,034.66 | 3 | 1,672.87 | 3 | 1,311.09 | 3 | 949.85 | 3 | 588.33 | 3 | 226.55 | 3 | 0 | 3 | 0 | 3 | 0 |
| 1/4 | 2,388.91 | 1/4 | 2,027.12 | 1/4 | 1,665.34 | 1/4 | 1,303.55 | 1/4 | 942.34 | 1/4 | 580.79 | 1/4 | 219.02 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,381.37 | 1/2 | 2,019.58 | 1/2 | 1,657.80 | 1/2 | 1,296.01 | 1/2 | 934.83 | 1/2 | 573.25 | 1/2 | 211.48 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,373.83 | 3/4 | 2,012.05 | 3/4 | 1,650.26 | 3/4 | 1,288.48 | 3/4 | 927.31 | 3/4 | 565.71 | 3/4 | 203.94 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 4 | 2,366.30 | 4 | 2,004.51 | 4 | 1,642.72 | 4 | 1,280.94 | 4 | 919.80 | 4 | 558.18 | 4 | 196.41 | 4 | 0 | 4 | 0 | 4 | 0 |
| 1/4 | 2,358.76 | 1/4 | 1,996.97 | 1/4 | 1,635.19 | 1/4 | 1,273.40 | 1/4 | 912.29 | 1/4 | 550.64 | 1/4 | 188.87 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,351.22 | 1/2 | 1,989.44 | 1/2 | 1,627.65 | 1/2 | 1,265.86 | 1/2 | 904.78 | 1/2 | 543.10 | 1/2 | 181.33 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,343.68 | 3/4 | 1,981.90 | 3/4 | 1,620.11 | 3/4 | 1,258.33 | 3/4 | 897.26 | 3/4 | 535.57 | 3/4 | 173.80 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 5 | 2,336.15 | 5 | 1,974.36 | 5 | 1,612.58 | 5 | 1,250.79 | 5 | 889.75 | 5 | 528.03 | 5 | 166.26 | 5 | 0 | 5 | 0 | 5 | 0 |
| 1/4 | 2,328.61 | 1/4 | 1,966.82 | 1/4 | 1,605.04 | 1/4 | 1,243.25 | 1/4 | 882.24 | 1/4 | 520.49 | 1/4 | 158.72 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,321.07 | 1/2 | 1,959.29 | 1/2 | 1,597.50 | 1/2 | 1,235.72 | 1/2 | 874.73 | 1/2 | 512.96 | 1/2 | 151.18 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,313.54 | 3/4 | 1,951.75 | 3/4 | 1,589.96 | 3/4 | 1,228.18 | 3/4 | 867.19 | 3/4 | 505.42 | 3/4 | 143.65 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 6 | 2,306.00 | 6 | 1,944.21 | 6 | 1,582.43 | 6 | 1,220.64 | 6 | 859.65 | 6 | 497.88 | 6 | 136.11 | 6 | 0 | 6 | 0 | 6 | 0 |
| 1/4 | 2,298.46 | 1/4 | 1,936.68 | 1/4 | 1,574.89 | 1/4 | 1,213.10 | 1/4 | 852.12 | 1/4 | 490.35 | 1/4 | 128.57 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,290.92 | 1/2 | 1,929.14 | 1/2 | 1,567.35 | 1/2 | 1,205.57 | 1/2 | 844.58 | 1/2 | 482.81 | 1/2 | 121.04 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,283.39 | 3/4 | 1,921.60 | 3/4 | 1,559.82 | 3/4 | 1,198.03 | 3/4 | 837.04 | 3/4 | 475.27 | 3/4 | 113.50 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 7 | 2,275.85 | 7 | 1,914.06 | 7 | 1,552.28 | 7 | 1,190.49 | 7 | 829.51 | 7 | 467.73 | 7 | 105.96 | 7 | 0 | 7 | 0 | 7 | 0 |
| 1/4 | 2,268.31 | 1/4 | 1,906.53 | 1/4 | 1,544.74 | 1/4 | 1,182.96 | 1/4 | 821.97 | 1/4 | 460.20 | 1/4 | 98.43 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,260.78 | 1/2 | 1,898.99 | 1/2 | 1,537.20 | 1/2 | 1,175.42 | 1/2 | 814.43 | 1/2 | 452.66 | 1/2 | 90.89 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,253.24 | 3/4 | 1,891.45 | 3/4 | 1,529.67 | 3/4 | 1,167.88 | 3/4 | 806.90 | 3/4 | 445.12 | 3/4 | 83.35 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 8 | 2,245.70 | 8 | 1,883.92 | 8 | 1,522.13 | 8 | 1,160.34 | 8 | 799.36 | 8 | 437.59 | 8 | 75.82 | 8 | 0 | 8 | 0 | 8 | 0 |
| 1/4 | 2,238.16 | 1/4 | 1,876.38 | 1/4 | 1,514.59 | 1/4 | 1,152.81 | 1/4 | 791.82 | 1/4 | 430.05 | 1/4 | 68.28 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,230.63 | 1/2 | 1,868.84 | 1/2 | 1,507.06 | 1/2 | 1,145.27 | 1/2 | 784.28 | 1/2 | 422.51 | 1/2 | 60.74 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,223.09 | 3/4 | 1,861.30 | 3/4 | 1,499.52 | 3/4 | 1,137.73 | 3/4 | 776.75 | 3/4 | 414.98 | 3/4 | 54.15 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 9 | 2,215.55 | 9 | 1,853.77 | 9 | 1,491.98 | 9 | 1,130.20 | 9 | 769.21 | 9 | 407.44 | 9 | 47.55 | 9 | 0 | 9 | 0 | 9 | 0 |
| 1/4 | 2,208.01 | 1/4 | 1,846.23 | 1/4 | 1,484.44 | 1/4 | 1,122.66 | 1/4 | 761.67 | 1/4 | 399.90 | 1/4 | 40.96 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,200.48 | 1/2 | 1,838.69 | 1/2 | 1,476.91 | 1/2 | 1,115.12 | 1/2 | 754.14 | 1/2 | 392.37 | 1/2 | 34.36 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,192.94 | 3/4 | 1,831.15 | 3/4 | 1,469.37 | 3/4 | 1,107.61 | 3/4 | 746.60 | 3/4 | 384.83 | 3/4 | 29.65 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 10 | 2,185.40 | 10 | 1,823.62 | 10 | 1,461.83 | 10 | 1,100.10 | 10 | 739.06 | 10 | 377.29 | 10 | 24.94 | 10 | 0 | 10 | 0 | 10 | 0 |
| 1/4 | 2,177.87 | 1/4 | 1,816.08 | 1/4 | 1,454.29 | 1/4 | 1,092.58 | 1/4 | 731.53 | 1/4 | 369.75 | 1/4 | 20.23 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,170.33 | 1/2 | 1,808.54 | 1/2 | 1,446.76 | 1/2 | 1,085.07 | 1/2 | 723.99 | 1/2 | 362.22 | 1/2 | 15.52 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,162.79 | 3/4 | 1,801.01 | 3/4 | 1,439.22 | 3/4 | 1,077.56 | 3/4 | 716.45 | 3/4 | 354.68 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |
| 11 | 2,155.25 | 11 | 1,793.47 | 11 | 1,431.68 | 11 | 1,070.05 | 11 | 708.92 | 11 | 347.14 | 11 | 0 | 11 | 0 | 11 | 0 | 11 | 0 |
| 1/4 | 2,147.72 | 1/4 | 1,785.93 | 1/4 | 1,424.15 | 1/4 | 1,062.53 | 1/4 | 701.38 | 1/4 | 339.61 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 | 1/4 | 0 |
| 1/2 | 2,140.18 | 1/2 | 1,778.39 | 1/2 | 1,416.61 | 1/2 | 1,055.02 | 1/2 | 693.84 | 1/2 | 332.07 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 | 1/2 | 0 |
| 3/4 | 2,132.64 | 3/4 | 1,770.86 | 3/4 | 1,409.07 | 3/4 | 1,047.51 | 3/4 | 686.30 | 3/4 | 324.53 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 | 3/4 | 0 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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



BARGE "KIRBY 28043"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 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 | 0 | 0 | 4,597.38 | 0 | 4,330.94 | 0 | 4,067.99 | 0 | 3,791.82 | 0 | 3,503.63 | 0 | 3,174.77 | 0 | 2,814.36 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,592.78 | 1/4 | 4,325.61 | 1/4 | 4,062.36 | 1/4 | 3,785.94 | 1/4 | 3,497.51 | 1/4 | 3,167.27 | 1/4 | 2,806.85 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,586.65 | 1/2 | 4,320.25 | 1/2 | 4,056.72 | 1/2 | 3,780.05 | 1/2 | 3,491.38 | 1/2 | 3,159.76 | 1/2 | 2,799.34 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,580.52 | 3/4 | 4,314.89 | 3/4 | 4,051.07 | 3/4 | 3,774.16 | 3/4 | 3,485.24 | 3/4 | 3,152.25 | 3/4 | 2,791.83 |
| 1 | 1 | 1 | 1 | 1 | 1 | 1 | 4,574.38 | 1 | 4,309.52 | 1 | 4,045.43 | 1 | 3,768.27 | 1 | 3,479.11 | 1 | 3,144.74 | 1 | 2,784.32 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,568.25 | 1/4 | 4,304.16 | 1/4 | 4,039.78 | 1/4 | 3,762.37 | 1/4 | 3,472.98 | 1/4 | 3,137.23 | 1/4 | 2,776.81 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,562.12 | 1/2 | 4,298.79 | 1/2 | 4,034.12 | 1/2 | 3,756.46 | 1/2 | 3,466.85 | 1/2 | 3,129.72 | 1/2 | 2,769.30 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,555.99 | 3/4 | 4,293.41 | 3/4 | 4,028.46 | 3/4 | 3,750.54 | 3/4 | 3,460.72 | 3/4 | 3,122.21 | 3/4 | 2,761.79 |
| 2 | 2 | 2 | 2 | 2 | 2 | 2 | 4,549.85 | 2 | 4,288.03 | 2 | 4,022.79 | 2 | 3,744.62 | 2 | 3,454.59 | 2 | 3,114.70 | 2 | 2,754.28 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,543.72 | 1/4 | 4,282.65 | 1/4 | 4,017.13 | 1/4 | 3,738.70 | 1/4 | 3,448.46 | 1/4 | 3,107.20 | 1/4 | 2,746.77 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,537.59 | 1/2 | 4,277.26 | 1/2 | 4,011.44 | 1/2 | 3,732.77 | 1/2 | 3,442.33 | 1/2 | 3,099.69 | 1/2 | 2,739.26 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,531.46 | 3/4 | 4,271.86 | 3/4 | 4,005.75 | 3/4 | 3,726.83 | 3/4 | 3,436.20 | 3/4 | 3,092.18 | 3/4 | 2,731.76 |
| 3 | 3 | 3 | 3 | 3 | 3 | 3 | 4,525.32 | 3 | 4,266.46 | 3 | 4,000.06 | 3 | 3,720.90 | 3 | 3,430.06 | 3 | 3,084.67 | 3 | 2,724.25 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,519.19 | 1/4 | 4,261.06 | 1/4 | 3,994.38 | 1/4 | 3,714.96 | 1/4 | 3,423.93 | 1/4 | 3,077.16 | 1/4 | 2,716.74 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,513.06 | 1/2 | 4,255.64 | 1/2 | 3,988.67 | 1/2 | 3,709.01 | 1/2 | 3,417.66 | 1/2 | 3,069.65 | 1/2 | 2,709.23 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,506.93 | 3/4 | 4,250.22 | 3/4 | 3,982.96 | 3/4 | 3,703.05 | 3/4 | 3,411.39 | 3/4 | 3,062.14 | 3/4 | 2,701.72 |
| 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4,500.79 | 4 | 4,244.80 | 4 | 3,977.26 | 4 | 3,697.10 | 4 | 3,405.12 | 4 | 3,054.64 | 4 | 2,694.21 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,494.66 | 1/4 | 4,239.37 | 1/4 | 3,971.55 | 1/4 | 3,691.14 | 1/4 | 3,398.85 | 1/4 | 3,047.13 | 1/4 | 2,686.70 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,489.43 | 1/2 | 4,233.93 | 1/2 | 3,965.83 | 1/2 | 3,685.17 | 1/2 | 3,392.30 | 1/2 | 3,039.62 | 1/2 | 2,679.19 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,484.20 | 3/4 | 4,228.49 | 3/4 | 3,960.10 | 3/4 | 3,679.19 | 3/4 | 3,385.75 | 3/4 | 3,032.11 | 3/4 | 2,671.68 |
| 5 | 5 | 5 | 5 | 5 | 5 | 5 | 4,478.97 | 5 | 4,223.05 | 5 | 3,954.37 | 5 | 3,673.21 | 5 | 3,379.20 | 5 | 3,024.60 | 5 | 2,664.17 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,473.73 | 1/4 | 4,217.62 | 1/4 | 3,948.65 | 1/4 | 3,667.23 | 1/4 | 3,372.66 | 1/4 | 3,017.09 | 1/4 | 2,656.66 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,468.49 | 1/2 | 4,212.16 | 1/2 | 3,942.90 | 1/2 | 3,661.23 | 1/2 | 3,365.83 | 1/2 | 3,009.58 | 1/2 | 2,649.15 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,463.24 | 3/4 | 4,206.70 | 3/4 | 3,937.15 | 3/4 | 3,655.24 | 3/4 | 3,359.00 | 3/4 | 3,002.08 | 3/4 | 2,641.64 |
| 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4,457.99 | 6 | 4,201.24 | 6 | 3,931.40 | 6 | 3,649.24 | 6 | 3,352.18 | 6 | 2,994.57 | 6 | 2,634.13 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,452.74 | 1/4 | 4,195.78 | 1/4 | 3,925.65 | 1/4 | 3,643.24 | 1/4 | 3,345.35 | 1/4 | 2,987.06 | 1/4 | 2,626.62 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,447.47 | 1/2 | 4,190.29 | 1/2 | 3,919.88 | 1/2 | 3,637.22 | 1/2 | 3,338.24 | 1/2 | 2,979.55 | 1/2 | 2,619.11 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,442.20 | 3/4 | 4,184.81 | 3/4 | 3,914.11 | 3/4 | 3,631.19 | 3/4 | 3,331.14 | 3/4 | 2,972.04 | 3/4 | 2,611.60 |
| 7 | 7 | 7 | 7 | 7 | 7 | 7 | 4,436.93 | 7 | 4,179.33 | 7 | 3,908.35 | 7 | 3,625.17 | 7 | 3,324.03 | 7 | 2,964.53 | 7 | 2,604.09 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,431.66 | 1/4 | 4,173.84 | 1/4 | 3,902.58 | 1/4 | 3,619.14 | 1/4 | 3,316.93 | 1/4 | 2,957.02 | 1/4 | 2,596.58 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,426.37 | 1/2 | 4,168.34 | 1/2 | 3,896.79 | 1/2 | 3,613.10 | 1/2 | 3,309.55 | 1/2 | 2,949.52 | 1/2 | 2,589.07 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,421.08 | 3/4 | 4,162.84 | 3/4 | 3,891.00 | 3/4 | 3,607.06 | 3/4 | 3,302.17 | 3/4 | 2,942.01 | 3/4 | 2,581.56 |
| 8 | 8 | 8 | 8 | 8 | 8 | 8 | 4,415.79 | 8 | 4,157.34 | 8 | 3,885.22 | 8 | 3,601.02 | 8 | 3,294.78 | 8 | 2,934.50 | 8 | 2,574.05 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,410.49 | 1/4 | 4,151.84 | 1/4 | 3,879.43 | 1/4 | 3,594.98 | 1/4 | 3,287.40 | 1/4 | 2,926.99 | 1/4 | 2,566.54 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,405.22 | 1/2 | 4,146.28 | 1/2 | 3,873.62 | 1/2 | 3,588.92 | 1/2 | 3,279.89 | 1/2 | 2,919.48 | 1/2 | 2,559.03 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,399.94 | 3/4 | 4,140.72 | 3/4 | 3,867.81 | 3/4 | 3,582.86 | 3/4 | 3,272.39 | 3/4 | 2,911.97 | 3/4 | 2,551.52 |
| 9 | 9 | 9 | 9 | 9 | 9 | 9 | 4,394.67 | 9 | 4,135.16 | 9 | 3,861.99 | 9 | 3,576.80 | 9 | 3,264.88 | 9 | 2,904.46 | 9 | 2,544.01 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,389.40 | 1/4 | 4,129.60 | 1/4 | 3,856.18 | 1/4 | 3,570.75 | 1/4 | 3,257.37 | 1/4 | 2,896.96 | 1/4 | 2,536.50 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,384.10 | 1/2 | 4,124.02 | 1/2 | 3,850.35 | 1/2 | 3,564.66 | 1/2 | 3,249.86 | 1/2 | 2,889.45 | 1/2 | 2,528.99 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,378.81 | 3/4 | 4,118.44 | 3/4 | 3,844.52 | 3/4 | 3,558.57 | 3/4 | 3,242.35 | 3/4 | 2,881.94 | 3/4 | 2,521.48 |
| 10 | 10 | 10 | 10 | 10 | 10 | 10 | 4,373.52 | 10 | 4,112.86 | 10 | 3,838.69 | 10 | 3,552.49 | 10 | 3,234.84 | 10 | 2,874.43 | 10 | 2,513.97 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,368.22 | 1/4 | 4,107.27 | 1/4 | 3,832.86 | 1/4 | 3,546.40 | 1/4 | 3,227.33 | 1/4 | 2,866.92 | 1/4 | 2,506.46 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,362.90 | 1/2 | 4,101.67 | 1/2 | 3,827.01 | 1/2 | 3,540.30 | 1/2 | 3,219.83 | 1/2 | 2,859.41 | 1/2 | 2,498.95 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,357.59 | 3/4 | 4,096.07 | 3/4 | 3,821.15 | 3/4 | 3,534.20 | 3/4 | 3,212.32 | 3/4 | 2,851.90 | 3/4 | 2,491.44 |
| 11 | 11 | 11 | 11 | 11 | 11 | 11 | 4,352.27 | 11 | 4,090.47 | 11 | 3,815.29 | 11 | 3,528.10 | 11 | 3,204.81 | 11 | 2,844.40 | 11 | 2,483.94 |
| 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 4,346.95 | 1/4 | 4,084.87 | 1/4 | 3,809.44 | 1/4 | 3,521.99 | 1/4 | 3,197.30 | 1/4 | 2,836.89 | 1/4 | 2,476.43 |
| 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 4,341.62 | 1/2 | 4,079.24 | 1/2 | 3,803.56 | 1/2 | 3,515.87 | 1/2 | 3,189.79 | 1/2 | 2,829.38 | 1/2 | 2,468.92 |
| 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 4,601.98 | 3/4 | 4,336.28 | 3/4 | 4,073.61 | 3/4 | 3,797.69 | 3/4 | 3,509.75 | 3/4 | 3,182.28 | 3/4 | 2,461.41 |

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 12'-09" OFF CENTERLINE AND 40'-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 28043"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-10 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 | 2,453.91 | 0 | 2,093.49 | 0 | 1,736.07 | 0 | 1,375.63 | 0 | 1,018.88 | 0 | 665.65 | 0 | 308.75 | 0 | | 0 | | 0 | |
| 1/4 | 2,446.40 | 1/4 | 2,085.98 | 1/4 | 1,728.63 | 1/4 | 1,368.12 | 1/4 | 1,011.51 | 1/4 | 658.31 | 1/4 | 301.23 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,438.89 | 1/2 | 2,078.54 | 1/2 | 1,721.12 | 1/2 | 1,360.61 | 1/2 | 1,004.15 | 1/2 | 650.97 | 1/2 | 293.72 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,431.39 | 3/4 | 2,071.09 | 3/4 | 1,713.61 | 3/4 | 1,353.10 | 3/4 | 996.78 | 3/4 | 643.62 | 3/4 | 286.21 | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2,423.88 | 1 | 2,063.65 | 1 | 1,706.10 | 1 | 1,345.59 | 1 | 989.41 | 1 | 636.28 | 1 | 278.70 | 1 | | 1 | | 1 | |
| 1/4 | 2,416.38 | 1/4 | 2,056.20 | 1/4 | 1,698.58 | 1/4 | 1,338.08 | 1/4 | 982.04 | 1/4 | 628.94 | 1/4 | 271.19 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,408.87 | 1/2 | 2,048.76 | 1/2 | 1,691.07 | 1/2 | 1,330.57 | 1/2 | 974.68 | 1/2 | 621.60 | 1/2 | 263.68 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,401.36 | 3/4 | 2,041.31 | 3/4 | 1,683.56 | 3/4 | 1,323.05 | 3/4 | 967.31 | 3/4 | 614.25 | 3/4 | 256.17 | 3/4 | | 3/4 | | 3/4 | |
| 2 | 2,393.86 | 2 | 2,033.87 | 2 | 1,676.05 | 2 | 1,315.54 | 2 | 959.94 | 2 | 606.91 | 2 | 248.65 | 2 | | 2 | | 2 | |
| 1/4 | 2,386.35 | 1/4 | 2,026.42 | 1/4 | 1,668.54 | 1/4 | 1,308.03 | 1/4 | 952.57 | 1/4 | 599.57 | 1/4 | 241.14 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,378.85 | 1/2 | 2,018.98 | 1/2 | 1,661.03 | 1/2 | 1,300.52 | 1/2 | 945.21 | 1/2 | 592.23 | 1/2 | 233.63 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,371.34 | 3/4 | 2,011.53 | 3/4 | 1,653.52 | 3/4 | 1,293.01 | 3/4 | 937.84 | 3/4 | 584.88 | 3/4 | 226.12 | 3/4 | | 3/4 | | 3/4 | |
| 3 | 2,363.83 | 3 | 2,004.09 | 3 | 1,646.01 | 3 | 1,285.50 | 3 | 930.47 | 3 | 577.54 | 3 | 218.61 | 3 | | 3 | | 3 | |
| 1/4 | 2,356.33 | 1/4 | 1,996.64 | 1/4 | 1,638.50 | 1/4 | 1,277.99 | 1/4 | 923.11 | 1/4 | 570.20 | 1/4 | 211.10 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,348.82 | 1/2 | 1,989.20 | 1/2 | 1,630.99 | 1/2 | 1,270.48 | 1/2 | 915.74 | 1/2 | 562.84 | 1/2 | 203.57 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,341.32 | 3/4 | 1,981.75 | 3/4 | 1,623.48 | 3/4 | 1,262.97 | 3/4 | 908.37 | 3/4 | 555.49 | 3/4 | 196.05 | 3/4 | | 3/4 | | 3/4 | |
| 4 | 2,333.81 | 4 | 1,974.31 | 4 | 1,615.97 | 4 | 1,255.46 | 4 | 901.00 | 4 | 548.13 | 4 | 188.53 | 4 | | 4 | | 4 | |
| 1/4 | 2,326.30 | 1/4 | 1,966.86 | 1/4 | 1,608.46 | 1/4 | 1,247.95 | 1/4 | 893.64 | 1/4 | 540.78 | 1/4 | 181.00 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,318.80 | 1/2 | 1,959.42 | 1/2 | 1,600.95 | 1/2 | 1,240.44 | 1/2 | 886.27 | 1/2 | 533.40 | 1/2 | 173.48 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,311.29 | 3/4 | 1,951.97 | 3/4 | 1,593.44 | 3/4 | 1,232.93 | 3/4 | 878.90 | 3/4 | 526.03 | 3/4 | 165.96 | 3/4 | | 3/4 | | 3/4 | |
| 5 | 2,303.79 | 5 | 1,944.53 | 5 | 1,585.93 | 5 | 1,225.42 | 5 | 871.54 | 5 | 518.66 | 5 | 158.43 | 5 | | 5 | | 5 | |
| 1/4 | 2,296.28 | 1/4 | 1,937.08 | 1/4 | 1,578.42 | 1/4 | 1,217.91 | 1/4 | 864.17 | 1/4 | 511.29 | 1/4 | 150.91 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,288.77 | 1/2 | 1,929.64 | 1/2 | 1,570.90 | 1/2 | 1,210.53 | 1/2 | 856.79 | 1/2 | 503.84 | 1/2 | 143.39 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,281.26 | 3/4 | 1,922.19 | 3/4 | 1,563.39 | 3/4 | 1,203.16 | 3/4 | 849.42 | 3/4 | 496.40 | 3/4 | 135.86 | 3/4 | | 3/4 | | 3/4 | |
| 6 | 2,273.75 | 6 | 1,914.75 | 6 | 1,555.88 | 6 | 1,195.78 | 6 | 842.05 | 6 | 488.96 | 6 | 128.34 | 6 | | 6 | | 6 | |
| 1/4 | 2,266.24 | 1/4 | 1,907.30 | 1/4 | 1,548.37 | 1/4 | 1,188.41 | 1/4 | 834.67 | 1/4 | 481.51 | 1/4 | 120.82 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,258.73 | 1/2 | 1,899.86 | 1/2 | 1,540.86 | 1/2 | 1,181.04 | 1/2 | 827.30 | 1/2 | 474.00 | 1/2 | 113.29 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,251.22 | 3/4 | 1,892.41 | 3/4 | 1,533.35 | 3/4 | 1,173.66 | 3/4 | 819.93 | 3/4 | 466.49 | 3/4 | 105.77 | 3/4 | | 3/4 | | 3/4 | |
| 7 | 2,243.70 | 7 | 1,884.97 | 7 | 1,525.84 | 7 | 1,166.29 | 7 | 812.56 | 7 | 458.98 | 7 | 98.25 | 7 | | 7 | | 7 | |
| 1/4 | 2,236.19 | 1/4 | 1,877.53 | 1/4 | 1,518.33 | 1/4 | 1,158.91 | 1/4 | 805.19 | 1/4 | 451.47 | 1/4 | 90.72 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,228.68 | 1/2 | 1,870.08 | 1/2 | 1,510.82 | 1/2 | 1,151.54 | 1/2 | 797.84 | 1/2 | 443.96 | 1/2 | 83.20 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,221.17 | 3/4 | 1,862.64 | 3/4 | 1,503.31 | 3/4 | 1,144.16 | 3/4 | 790.48 | 3/4 | 436.44 | 3/4 | 75.68 | 3/4 | | 3/4 | | 3/4 | |
| 8 | 2,213.66 | 8 | 1,855.19 | 8 | 1,495.80 | 8 | 1,136.79 | 8 | 783.13 | 8 | 428.93 | 8 | 68.15 | 8 | | 8 | | 8 | |
| 1/4 | 2,206.15 | 1/4 | 1,847.75 | 1/4 | 1,488.29 | 1/4 | 1,129.42 | 1/4 | 775.78 | 1/4 | 421.42 | 1/4 | 60.63 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,198.64 | 1/2 | 1,840.30 | 1/2 | 1,480.78 | 1/2 | 1,122.04 | 1/2 | 768.43 | 1/2 | 413.91 | 1/2 | 54.05 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,191.13 | 3/4 | 1,832.86 | 3/4 | 1,473.27 | 3/4 | 1,114.67 | 3/4 | 761.09 | 3/4 | 406.40 | 3/4 | 47.46 | 3/4 | | 3/4 | | 3/4 | |
| 9 | 2,183.62 | 9 | 1,825.41 | 9 | 1,465.76 | 9 | 1,107.29 | 9 | 753.75 | 9 | 398.89 | 9 | 40.88 | 9 | | 9 | | 9 | |
| 1/4 | 2,176.11 | 1/4 | 1,817.97 | 1/4 | 1,458.25 | 1/4 | 1,099.92 | 1/4 | 746.41 | 1/4 | 391.37 | 1/4 | 34.30 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,168.60 | 1/2 | 1,810.52 | 1/2 | 1,450.73 | 1/2 | 1,092.55 | 1/2 | 739.07 | 1/2 | 383.86 | 1/2 | 29.59 | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,161.09 | 3/4 | 1,803.08 | 3/4 | 1,443.22 | 3/4 | 1,085.18 | 3/4 | 731.73 | 3/4 | 376.35 | 3/4 | 24.89 | 3/4 | | 3/4 | | 3/4 | |
| 10 | 2,153.58 | 10 | 1,795.63 | 10 | 1,435.71 | 10 | 1,077.82 | 10 | 724.39 | 10 | 368.84 | 10 | 20.19 | 10 | | 10 | | 10 | |
| 1/4 | 2,146.07 | 1/4 | 1,788.19 | 1/4 | 1,428.20 | 1/4 | 1,070.45 | 1/4 | 717.05 | 1/4 | 361.33 | 1/4 | 15.49 | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,138.56 | 1/2 | 1,780.74 | 1/2 | 1,420.69 | 1/2 | 1,063.08 | 1/2 | 709.71 | 1/2 | 353.82 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,131.05 | 3/4 | 1,773.30 | 3/4 | 1,413.18 | 3/4 | 1,055.72 | 3/4 | 702.36 | 3/4 | 346.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 2,123.54 | 11 | 1,765.85 | 11 | 1,405.67 | 11 | 1,048.35 | 11 | 695.02 | 11 | 338.79 | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 2,116.02 | 1/4 | 1,758.41 | 1/4 | 1,398.16 | 1/4 | 1,040.98 | 1/4 | 687.68 | 1/4 | 331.28 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 2,108.51 | 1/2 | 1,750.96 | 1/2 | 1,390.65 | 1/2 | 1,033.61 | 1/2 | 680.34 | 1/2 | 323.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2,101.00 | 3/4 | 1,743.52 | 3/4 | 1,383.14 | 3/4 | 1,026.25 | 3/4 | 672.99 | 3/4 | 316.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/19/2005 CL - SW
CALCULATED: 12/20/2005 CL
VERIFIED: 02/24/2026 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 02/2026

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