



BARGE "HTCO 3063"

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 | - 00-1/4 | 00-1/4 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-7/8 | 00-7/8 | - 01-1/8 | 01-1/8 | - 01-3/8 | 01-3/8 |
| 1 STBD | - 00-1/4 | 00-1/4 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-7/8 | 00-7/8 | - 01-1/8 | 01-1/8 | - 01-3/8 | 01-3/8 |
| 2 PORT | 00-0/8 | - 00-0/8 | 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 |
| 2 STBD | 00-0/8 | - 00-0/8 | 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 |
| 3 PORT | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 |
| 3 STBD | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 |
| 4 PORT | 00-1/2 | - 00-1/2 | 00-7/8 | - 00-7/8 | 01-3/8 | - 01-3/8 | 01-7/8 | - 01-7/8 | 02-1/4 | - 02-1/4 | 02-3/4 | - 02-3/4 |
| 4 STBD | 00-1/2 | - 00-1/2 | 00-7/8 | - 00-7/8 | 01-3/8 | - 01-3/8 | 01-7/8 | - 01-7/8 | 02-1/4 | - 02-1/4 | 02-3/4 | - 02-3/4 |

(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 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 278'-00"

June 7, 2023

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BARGE "HTCO 3063"

1 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,189.96 | 0 | 2,945.28 | 0 | 2,691.07 | 0 | 2,436.86 | 0 | 2,182.65 | 0 | 1,928.44 | 0 | 1,674.23 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,186.95 | 1/4 | 2,939.98 | 1/4 | 2,685.77 | 1/4 | 2,431.56 | 1/4 | 2,177.36 | 1/4 | 1,923.15 | 1/4 | 1,668.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,183.02 | 1/2 | 2,934.69 | 1/2 | 2,680.47 | 1/2 | 2,426.26 | 1/2 | 2,172.06 | 1/2 | 1,917.85 | 1/2 | 1,663.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,179.10 | 3/4 | 2,929.39 | 3/4 | 2,675.18 | 3/4 | 2,420.97 | 3/4 | 2,166.76 | 3/4 | 1,912.55 | 3/4 | 1,658.35 |
| 1 | | 1 | | 1 | | 1 | 3,175.17 | 1 | 2,924.10 | 1 | 2,669.88 | 1 | 2,415.67 | 1 | 2,161.47 | 1 | 1,907.26 | 1 | 1,653.05 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,171.24 | 1/4 | 2,918.80 | 1/4 | 2,664.59 | 1/4 | 2,410.38 | 1/4 | 2,156.17 | 1/4 | 1,901.96 | 1/4 | 1,647.76 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,166.39 | 1/2 | 2,913.50 | 1/2 | 2,659.29 | 1/2 | 2,405.08 | 1/2 | 2,150.87 | 1/2 | 1,896.66 | 1/2 | 1,642.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,161.53 | 3/4 | 2,908.21 | 3/4 | 2,653.99 | 3/4 | 2,399.79 | 3/4 | 2,145.58 | 3/4 | 1,891.37 | 3/4 | 1,637.16 |
| 2 | | 2 | | 2 | | 2 | 3,156.68 | 2 | 2,902.91 | 2 | 2,648.70 | 2 | 2,394.49 | 2 | 2,140.28 | 2 | 1,886.07 | 2 | 1,631.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,151.82 | 1/4 | 2,897.61 | 1/4 | 2,643.40 | 1/4 | 2,389.20 | 1/4 | 2,134.99 | 1/4 | 1,880.78 | 1/4 | 1,626.57 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,146.53 | 1/2 | 2,892.32 | 1/2 | 2,638.10 | 1/2 | 2,383.90 | 1/2 | 2,129.69 | 1/2 | 1,875.48 | 1/2 | 1,621.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,141.23 | 3/4 | 2,887.02 | 3/4 | 2,632.81 | 3/4 | 2,378.60 | 3/4 | 2,124.39 | 3/4 | 1,870.19 | 3/4 | 1,615.98 |
| 3 | | 3 | | 3 | | 3 | 3,135.94 | 3 | 2,881.73 | 3 | 2,627.51 | 3 | 2,373.31 | 3 | 2,119.10 | 3 | 1,864.89 | 3 | 1,610.68 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,130.64 | 1/4 | 2,876.43 | 1/4 | 2,622.22 | 1/4 | 2,368.01 | 1/4 | 2,113.80 | 1/4 | 1,859.60 | 1/4 | 1,605.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,125.34 | 1/2 | 2,871.13 | 1/2 | 2,616.92 | 1/2 | 2,362.71 | 1/2 | 2,108.50 | 1/2 | 1,854.30 | 1/2 | 1,600.09 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,120.05 | 3/4 | 2,865.84 | 3/4 | 2,611.63 | 3/4 | 2,357.42 | 3/4 | 2,103.21 | 3/4 | 1,849.00 | 3/4 | 1,594.79 |
| 4 | | 4 | | 4 | | 4 | 3,114.75 | 4 | 2,860.54 | 4 | 2,606.33 | 4 | 2,352.12 | 4 | 2,097.91 | 4 | 1,843.71 | 4 | 1,589.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,109.45 | 1/4 | 2,855.24 | 1/4 | 2,601.04 | 1/4 | 2,346.83 | 1/4 | 2,092.62 | 1/4 | 1,838.41 | 1/4 | 1,584.20 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,104.16 | 1/2 | 2,849.95 | 1/2 | 2,595.74 | 1/2 | 2,341.53 | 1/2 | 2,087.32 | 1/2 | 1,833.11 | 1/2 | 1,578.90 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,098.86 | 3/4 | 2,844.65 | 3/4 | 2,590.44 | 3/4 | 2,336.23 | 3/4 | 2,082.03 | 3/4 | 1,827.82 | 3/4 | 1,573.61 |
| 5 | | 5 | | 5 | | 5 | 3,093.57 | 5 | 2,839.36 | 5 | 2,585.15 | 5 | 2,330.94 | 5 | 2,076.73 | 5 | 1,822.52 | 5 | 1,568.31 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,088.27 | 1/4 | 2,834.06 | 1/4 | 2,579.85 | 1/4 | 2,325.64 | 1/4 | 2,071.44 | 1/4 | 1,817.23 | 1/4 | 1,563.02 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,082.97 | 1/2 | 2,828.76 | 1/2 | 2,574.55 | 1/2 | 2,320.34 | 1/2 | 2,066.14 | 1/2 | 1,811.93 | 1/2 | 1,557.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,077.68 | 3/4 | 2,823.47 | 3/4 | 2,569.26 | 3/4 | 2,315.05 | 3/4 | 2,060.84 | 3/4 | 1,806.63 | 3/4 | 1,552.43 |
| 6 | | 6 | | 6 | | 6 | 3,072.38 | 6 | 2,818.17 | 6 | 2,563.96 | 6 | 2,309.75 | 6 | 2,055.55 | 6 | 1,801.34 | 6 | 1,547.13 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,067.08 | 1/4 | 2,812.88 | 1/4 | 2,558.67 | 1/4 | 2,304.46 | 1/4 | 2,050.25 | 1/4 | 1,796.04 | 1/4 | 1,541.84 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,061.79 | 1/2 | 2,807.58 | 1/2 | 2,553.37 | 1/2 | 2,299.16 | 1/2 | 2,044.95 | 1/2 | 1,790.74 | 1/2 | 1,536.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,056.49 | 3/4 | 2,802.28 | 3/4 | 2,548.07 | 3/4 | 2,293.87 | 3/4 | 2,039.66 | 3/4 | 1,785.45 | 3/4 | 1,531.24 |
| 7 | | 7 | | 7 | | 7 | 3,051.20 | 7 | 2,796.99 | 7 | 2,542.78 | 7 | 2,288.57 | 7 | 2,034.36 | 7 | 1,780.15 | 7 | 1,525.95 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,045.90 | 1/4 | 2,791.69 | 1/4 | 2,537.48 | 1/4 | 2,283.28 | 1/4 | 2,029.07 | 1/4 | 1,774.86 | 1/4 | 1,520.65 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,040.61 | 1/2 | 2,786.39 | 1/2 | 2,532.18 | 1/2 | 2,277.98 | 1/2 | 2,023.77 | 1/2 | 1,769.56 | 1/2 | 1,515.35 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,035.31 | 3/4 | 2,781.10 | 3/4 | 2,526.89 | 3/4 | 2,272.68 | 3/4 | 2,018.47 | 3/4 | 1,764.27 | 3/4 | 1,510.06 |
| 8 | | 8 | | 8 | | 8 | 3,030.02 | 8 | 2,775.80 | 8 | 2,521.59 | 8 | 2,267.39 | 8 | 2,013.18 | 8 | 1,758.97 | 8 | 1,504.76 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,024.72 | 1/4 | 2,770.51 | 1/4 | 2,516.30 | 1/4 | 2,262.09 | 1/4 | 2,007.88 | 1/4 | 1,753.68 | 1/4 | 1,499.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,019.42 | 1/2 | 2,765.21 | 1/2 | 2,511.00 | 1/2 | 2,256.79 | 1/2 | 2,002.58 | 1/2 | 1,748.38 | 1/2 | 1,494.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,014.13 | 3/4 | 2,759.91 | 3/4 | 2,505.71 | 3/4 | 2,251.50 | 3/4 | 1,997.29 | 3/4 | 1,743.08 | 3/4 | 1,488.87 |
| 9 | | 9 | | 9 | | 9 | 3,008.83 | 9 | 2,754.62 | 9 | 2,500.41 | 9 | 2,246.20 | 9 | 1,991.99 | 9 | 1,737.79 | 9 | 1,483.58 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,003.53 | 1/4 | 2,749.32 | 1/4 | 2,495.12 | 1/4 | 2,240.91 | 1/4 | 1,986.70 | 1/4 | 1,732.49 | 1/4 | 1,478.28 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,998.24 | 1/2 | 2,744.02 | 1/2 | 2,489.82 | 1/2 | 2,235.61 | 1/2 | 1,981.50 | 1/2 | 1,727.19 | 1/2 | 1,472.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,992.94 | 3/4 | 2,738.73 | 3/4 | 2,484.52 | 3/4 | 2,230.31 | 3/4 | 1,976.21 | 3/4 | 1,721.90 | 3/4 | 1,467.69 |
| 10 | | 10 | | 10 | | 10 | 2,987.65 | 10 | 2,733.43 | 10 | 2,479.23 | 10 | 2,225.02 | 10 | 1,971.56 | 10 | 1,716.60 | 10 | 1,462.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,982.35 | 1/4 | 2,728.14 | 1/4 | 2,473.93 | 1/4 | 2,219.72 | 1/4 | 1,966.26 | 1/4 | 1,711.31 | 1/4 | 1,457.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,977.05 | 1/2 | 2,722.84 | 1/2 | 2,468.63 | 1/2 | 2,214.42 | 1/2 | 1,960.97 | 1/2 | 1,706.01 | 1/2 | 1,451.80 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,971.76 | 3/4 | 2,717.55 | 3/4 | 2,463.34 | 3/4 | 2,209.13 | 3/4 | 1,955.42 | 3/4 | 1,700.71 | 3/4 | 1,446.51 |
| 11 | | 11 | | 11 | | 11 | 2,966.46 | 11 | 2,712.25 | 11 | 2,458.04 | 11 | 2,203.83 | 11 | 1,949.88 | 11 | 1,695.42 | 11 | 1,441.21 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,961.16 | 1/4 | 2,706.96 | 1/4 | 2,452.75 | 1/4 | 2,198.54 | 1/4 | 1,944.33 | 1/4 | 1,690.12 | 1/4 | 1,435.92 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,955.87 | 1/2 | 2,701.66 | 1/2 | 2,447.45 | 1/2 | 2,193.24 | 1/2 | 1,939.03 | 1/2 | 1,684.82 | 1/2 | 1,430.62 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,192.96 | 3/4 | 2,950.57 | 3/4 | 2,696.36 | 3/4 | 2,442.15 | 3/4 | 2,187.95 | 3/4 | 1,933.74 | 3/4 | 1,425.32 |

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 10'-09" OFF CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "HTCO 3063"

1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,420.03 | 0 | 1,165.82 | 0 | 911.78 | 0 | 657.83 | 0 | 402.67 | 0 | 149.67 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,414.73 | 1/4 | 1,160.52 | 1/4 | 906.50 | 1/4 | 652.52 | 1/4 | 397.35 | 1/4 | 144.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,409.43 | 1/2 | 1,155.22 | 1/2 | 901.22 | 1/2 | 647.20 | 1/2 | 392.03 | 1/2 | 139.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,404.14 | 3/4 | 1,149.93 | 3/4 | 895.93 | 3/4 | 641.89 | 3/4 | 386.72 | 3/4 | 134.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,398.84 | 1 | 1,144.63 | 1 | 890.65 | 1 | 636.57 | 1 | 381.40 | 1 | 129.13 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,393.55 | 1/4 | 1,139.34 | 1/4 | 885.37 | 1/4 | 631.26 | 1/4 | 376.09 | 1/4 | 124.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,388.25 | 1/2 | 1,134.04 | 1/2 | 880.09 | 1/2 | 625.94 | 1/2 | 370.77 | 1/2 | 118.86 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,382.95 | 3/4 | 1,128.75 | 3/4 | 874.80 | 3/4 | 620.62 | 3/4 | 365.45 | 3/4 | 113.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,377.66 | 2 | 1,123.45 | 2 | 869.52 | 2 | 615.31 | 2 | 360.14 | 2 | 108.59 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,372.36 | 1/4 | 1,118.16 | 1/4 | 864.24 | 1/4 | 609.99 | 1/4 | 354.82 | 1/4 | 103.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,367.06 | 1/2 | 1,112.86 | 1/2 | 858.96 | 1/2 | 604.67 | 1/2 | 349.50 | 1/2 | 98.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,361.77 | 3/4 | 1,107.56 | 3/4 | 853.67 | 3/4 | 599.36 | 3/4 | 344.19 | 3/4 | 93.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,356.47 | 3 | 1,102.27 | 3 | 848.39 | 3 | 594.04 | 3 | 338.87 | 3 | 87.92 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,351.18 | 1/4 | 1,096.97 | 1/4 | 843.11 | 1/4 | 588.73 | 1/4 | 333.56 | 1/4 | 82.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,345.88 | 1/2 | 1,091.67 | 1/2 | 837.83 | 1/2 | 583.41 | 1/2 | 328.24 | 1/2 | 77.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,340.59 | 3/4 | 1,086.38 | 3/4 | 832.55 | 3/4 | 578.09 | 3/4 | 322.93 | 3/4 | 72.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,335.29 | 4 | 1,081.08 | 4 | 827.27 | 4 | 572.78 | 4 | 317.61 | 4 | 66.79 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,330.00 | 1/4 | 1,075.79 | 1/4 | 821.99 | 1/4 | 567.46 | 1/4 | 312.30 | 1/4 | 61.47 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,324.70 | 1/2 | 1,070.49 | 1/2 | 816.71 | 1/2 | 562.14 | 1/2 | 306.98 | 1/2 | 56.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,319.40 | 3/4 | 1,065.19 | 3/4 | 811.42 | 3/4 | 556.83 | 3/4 | 301.66 | 3/4 | 50.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,314.11 | 5 | 1,059.90 | 5 | 806.14 | 5 | 551.51 | 5 | 296.35 | 5 | 45.52 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,308.81 | 1/4 | 1,054.60 | 1/4 | 800.86 | 1/4 | 546.20 | 1/4 | 291.03 | 1/4 | 40.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,303.51 | 1/2 | 1,049.30 | 1/2 | 795.58 | 1/2 | 540.88 | 1/2 | 285.71 | 1/2 | 35.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,298.22 | 3/4 | 1,044.01 | 3/4 | 790.29 | 3/4 | 535.57 | 3/4 | 280.40 | 3/4 | 31.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,292.92 | 6 | 1,038.71 | 6 | 785.01 | 6 | 530.25 | 6 | 275.08 | 6 | 26.78 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,287.63 | 1/4 | 1,033.42 | 1/4 | 779.73 | 1/4 | 524.94 | 1/4 | 269.77 | 1/4 | 22.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,282.33 | 1/2 | 1,028.12 | 1/2 | 774.45 | 1/2 | 519.62 | 1/2 | 264.45 | 1/2 | 19.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,277.03 | 3/4 | 1,022.83 | 3/4 | 769.16 | 3/4 | 514.30 | 3/4 | 259.13 | 3/4 | 15.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,271.74 | 7 | 1,017.53 | 7 | 763.88 | 7 | 508.99 | 7 | 253.82 | 7 | 12.74 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,266.44 | 1/4 | 1,012.24 | 1/4 | 758.60 | 1/4 | 503.67 | 1/4 | 248.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,261.14 | 1/2 | 1,006.94 | 1/2 | 753.32 | 1/2 | 498.35 | 1/2 | 243.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,255.85 | 3/4 | 1,001.64 | 3/4 | 748.03 | 3/4 | 493.04 | 3/4 | 237.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,250.55 | 8 | 996.35 | 8 | 742.75 | 8 | 487.72 | 8 | 232.55 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,245.26 | 1/4 | 991.05 | 1/4 | 737.47 | 1/4 | 482.41 | 1/4 | 227.24 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,239.96 | 1/2 | 985.76 | 1/2 | 732.18 | 1/2 | 477.09 | 1/2 | 221.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,234.67 | 3/4 | 980.46 | 3/4 | 726.89 | 3/4 | 471.77 | 3/4 | 216.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,229.37 | 9 | 975.17 | 9 | 721.60 | 9 | 466.46 | 9 | 211.43 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,224.08 | 1/4 | 969.88 | 1/4 | 716.31 | 1/4 | 461.14 | 1/4 | 206.16 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,218.78 | 1/2 | 964.60 | 1/2 | 710.99 | 1/2 | 455.82 | 1/2 | 201.02 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,213.48 | 3/4 | 959.31 | 3/4 | 705.68 | 3/4 | 450.51 | 3/4 | 195.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,208.19 | 10 | 954.03 | 10 | 700.36 | 10 | 445.19 | 10 | 190.75 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,202.89 | 1/4 | 948.75 | 1/4 | 695.05 | 1/4 | 439.88 | 1/4 | 185.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,197.59 | 1/2 | 943.47 | 1/2 | 689.73 | 1/2 | 434.56 | 1/2 | 180.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,192.30 | 3/4 | 938.19 | 3/4 | 684.41 | 3/4 | 429.25 | 3/4 | 175.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,187.00 | 11 | 932.91 | 11 | 679.10 | 11 | 423.93 | 11 | 170.21 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,181.71 | 1/4 | 927.63 | 1/4 | 673.78 | 1/4 | 418.62 | 1/4 | 165.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,176.41 | 1/2 | 922.35 | 1/2 | 668.46 | 1/2 | 413.30 | 1/2 | 159.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,171.11 | 3/4 | 917.06 | 3/4 | 663.15 | 3/4 | 407.98 | 3/4 | 154.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "HTCO 3063"

1 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

| 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 | 3,189.96 | 0 | 2,945.28 | 0 | 2,691.07 | 0 | 2,436.86 | 0 | 2,182.65 | 0 | 1,928.44 | 0 | 1,674.23 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,186.95 | 1/4 | 2,939.98 | 1/4 | 2,685.77 | 1/4 | 2,431.56 | 1/4 | 2,177.36 | 1/4 | 1,923.15 | 1/4 | 1,668.94 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,183.02 | 1/2 | 2,934.69 | 1/2 | 2,680.47 | 1/2 | 2,426.26 | 1/2 | 2,172.06 | 1/2 | 1,917.85 | 1/2 | 1,663.64 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,179.10 | 3/4 | 2,929.39 | 3/4 | 2,675.18 | 3/4 | 2,420.97 | 3/4 | 2,166.76 | 3/4 | 1,912.55 | 3/4 | 1,658.35 |
| 1 | | 1 | | 1 | | 1 | 3,175.17 | 1 | 2,924.10 | 1 | 2,669.88 | 1 | 2,415.67 | 1 | 2,161.47 | 1 | 1,907.26 | 1 | 1,653.05 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,171.24 | 1/4 | 2,918.80 | 1/4 | 2,664.59 | 1/4 | 2,410.38 | 1/4 | 2,156.17 | 1/4 | 1,901.96 | 1/4 | 1,647.76 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,166.39 | 1/2 | 2,913.50 | 1/2 | 2,659.29 | 1/2 | 2,405.08 | 1/2 | 2,150.87 | 1/2 | 1,896.66 | 1/2 | 1,642.46 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,161.53 | 3/4 | 2,908.21 | 3/4 | 2,653.99 | 3/4 | 2,399.79 | 3/4 | 2,145.58 | 3/4 | 1,891.37 | 3/4 | 1,637.16 |
| 2 | | 2 | | 2 | | 2 | 3,156.68 | 2 | 2,902.91 | 2 | 2,648.70 | 2 | 2,394.49 | 2 | 2,140.28 | 2 | 1,886.07 | 2 | 1,631.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,151.82 | 1/4 | 2,897.61 | 1/4 | 2,643.40 | 1/4 | 2,389.20 | 1/4 | 2,134.99 | 1/4 | 1,880.78 | 1/4 | 1,626.57 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,146.53 | 1/2 | 2,892.32 | 1/2 | 2,638.10 | 1/2 | 2,383.90 | 1/2 | 2,129.69 | 1/2 | 1,875.48 | 1/2 | 1,621.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,141.23 | 3/4 | 2,887.02 | 3/4 | 2,632.81 | 3/4 | 2,378.60 | 3/4 | 2,124.39 | 3/4 | 1,870.19 | 3/4 | 1,615.98 |
| 3 | | 3 | | 3 | | 3 | 3,135.94 | 3 | 2,881.73 | 3 | 2,627.51 | 3 | 2,373.31 | 3 | 2,119.10 | 3 | 1,864.89 | 3 | 1,610.68 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,130.64 | 1/4 | 2,876.43 | 1/4 | 2,622.22 | 1/4 | 2,368.01 | 1/4 | 2,113.80 | 1/4 | 1,859.60 | 1/4 | 1,605.39 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,125.34 | 1/2 | 2,871.13 | 1/2 | 2,616.92 | 1/2 | 2,362.71 | 1/2 | 2,108.50 | 1/2 | 1,854.30 | 1/2 | 1,600.09 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,120.05 | 3/4 | 2,865.84 | 3/4 | 2,611.63 | 3/4 | 2,357.42 | 3/4 | 2,103.21 | 3/4 | 1,849.00 | 3/4 | 1,594.79 |
| 4 | | 4 | | 4 | | 4 | 3,114.75 | 4 | 2,860.54 | 4 | 2,606.33 | 4 | 2,352.12 | 4 | 2,097.91 | 4 | 1,843.71 | 4 | 1,589.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,109.45 | 1/4 | 2,855.24 | 1/4 | 2,601.04 | 1/4 | 2,346.83 | 1/4 | 2,092.62 | 1/4 | 1,838.41 | 1/4 | 1,584.20 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,104.16 | 1/2 | 2,849.95 | 1/2 | 2,595.74 | 1/2 | 2,341.53 | 1/2 | 2,087.32 | 1/2 | 1,833.11 | 1/2 | 1,578.90 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,098.86 | 3/4 | 2,844.65 | 3/4 | 2,590.44 | 3/4 | 2,336.23 | 3/4 | 2,082.03 | 3/4 | 1,827.82 | 3/4 | 1,573.61 |
| 5 | | 5 | | 5 | | 5 | 3,093.57 | 5 | 2,839.36 | 5 | 2,585.15 | 5 | 2,330.94 | 5 | 2,076.73 | 5 | 1,822.52 | 5 | 1,568.31 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,088.27 | 1/4 | 2,834.06 | 1/4 | 2,579.85 | 1/4 | 2,325.64 | 1/4 | 2,071.44 | 1/4 | 1,817.23 | 1/4 | 1,563.02 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,082.97 | 1/2 | 2,828.76 | 1/2 | 2,574.55 | 1/2 | 2,320.34 | 1/2 | 2,066.14 | 1/2 | 1,811.93 | 1/2 | 1,557.72 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,077.68 | 3/4 | 2,823.47 | 3/4 | 2,569.26 | 3/4 | 2,315.05 | 3/4 | 2,060.84 | 3/4 | 1,806.63 | 3/4 | 1,552.43 |
| 6 | | 6 | | 6 | | 6 | 3,072.38 | 6 | 2,818.17 | 6 | 2,563.96 | 6 | 2,309.75 | 6 | 2,055.55 | 6 | 1,801.34 | 6 | 1,547.13 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,067.08 | 1/4 | 2,812.88 | 1/4 | 2,558.67 | 1/4 | 2,304.46 | 1/4 | 2,050.25 | 1/4 | 1,796.04 | 1/4 | 1,541.84 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,061.79 | 1/2 | 2,807.58 | 1/2 | 2,553.37 | 1/2 | 2,299.16 | 1/2 | 2,044.95 | 1/2 | 1,790.74 | 1/2 | 1,536.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,056.49 | 3/4 | 2,802.28 | 3/4 | 2,548.07 | 3/4 | 2,293.87 | 3/4 | 2,039.66 | 3/4 | 1,785.45 | 3/4 | 1,531.24 |
| 7 | | 7 | | 7 | | 7 | 3,051.20 | 7 | 2,796.99 | 7 | 2,542.78 | 7 | 2,288.57 | 7 | 2,034.36 | 7 | 1,780.15 | 7 | 1,525.95 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,045.90 | 1/4 | 2,791.69 | 1/4 | 2,537.48 | 1/4 | 2,283.28 | 1/4 | 2,029.07 | 1/4 | 1,774.86 | 1/4 | 1,520.65 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,040.61 | 1/2 | 2,786.39 | 1/2 | 2,532.18 | 1/2 | 2,277.98 | 1/2 | 2,023.77 | 1/2 | 1,769.56 | 1/2 | 1,515.35 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,035.31 | 3/4 | 2,781.10 | 3/4 | 2,526.89 | 3/4 | 2,272.68 | 3/4 | 2,018.47 | 3/4 | 1,764.27 | 3/4 | 1,510.06 |
| 8 | | 8 | | 8 | | 8 | 3,030.02 | 8 | 2,775.80 | 8 | 2,521.59 | 8 | 2,267.39 | 8 | 2,013.18 | 8 | 1,758.97 | 8 | 1,504.76 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,024.72 | 1/4 | 2,770.51 | 1/4 | 2,516.30 | 1/4 | 2,262.09 | 1/4 | 2,007.88 | 1/4 | 1,753.68 | 1/4 | 1,499.47 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,019.42 | 1/2 | 2,765.21 | 1/2 | 2,511.00 | 1/2 | 2,256.79 | 1/2 | 2,002.58 | 1/2 | 1,748.38 | 1/2 | 1,494.17 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,014.13 | 3/4 | 2,759.91 | 3/4 | 2,505.71 | 3/4 | 2,251.50 | 3/4 | 1,997.29 | 3/4 | 1,743.08 | 3/4 | 1,488.87 |
| 9 | | 9 | | 9 | | 9 | 3,008.83 | 9 | 2,754.62 | 9 | 2,500.41 | 9 | 2,246.20 | 9 | 1,991.99 | 9 | 1,737.79 | 9 | 1,483.58 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,003.53 | 1/4 | 2,749.32 | 1/4 | 2,495.12 | 1/4 | 2,240.91 | 1/4 | 1,986.70 | 1/4 | 1,732.49 | 1/4 | 1,478.28 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,998.24 | 1/2 | 2,744.02 | 1/2 | 2,489.82 | 1/2 | 2,235.61 | 1/2 | 1,981.50 | 1/2 | 1,727.19 | 1/2 | 1,472.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,992.94 | 3/4 | 2,738.73 | 3/4 | 2,484.52 | 3/4 | 2,230.31 | 3/4 | 1,976.21 | 3/4 | 1,721.90 | 3/4 | 1,467.69 |
| 10 | | 10 | | 10 | | 10 | 2,987.65 | 10 | 2,733.43 | 10 | 2,479.23 | 10 | 2,225.02 | 10 | 1,971.50 | 10 | 1,716.60 | 10 | 1,462.39 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,982.35 | 1/4 | 2,728.14 | 1/4 | 2,473.93 | 1/4 | 2,219.72 | 1/4 | 1,966.21 | 1/4 | 1,711.31 | 1/4 | 1,457.10 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,977.05 | 1/2 | 2,722.84 | 1/2 | 2,468.63 | 1/2 | 2,214.42 | 1/2 | 1,960.91 | 1/2 | 1,706.01 | 1/2 | 1,451.80 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,971.76 | 3/4 | 2,717.55 | 3/4 | 2,463.34 | 3/4 | 2,209.13 | 3/4 | 1,955.62 | 3/4 | 1,700.71 | 3/4 | 1,446.51 |
| 11 | | 11 | | 11 | | 11 | 2,966.46 | 11 | 2,712.25 | 11 | 2,458.04 | 11 | 2,203.83 | 11 | 1,949.88 | 11 | 1,695.42 | 11 | 1,441.21 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,961.16 | 1/4 | 2,706.96 | 1/4 | 2,452.75 | 1/4 | 2,198.54 | 1/4 | 1,944.33 | 1/4 | 1,690.12 | 1/4 | 1,435.92 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,955.87 | 1/2 | 2,701.66 | 1/2 | 2,447.45 | 1/2 | 2,193.24 | 1/2 | 1,939.03 | 1/2 | 1,684.82 | 1/2 | 1,430.62 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,192.96 | 3/4 | 2,950.57 | 3/4 | 2,696.36 | 3/4 | 2,442.15 | 3/4 | 2,187.95 | 3/4 | 1,933.74 | 3/4 | 1,425.32 |

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 10'-09" OFF CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3063"

1 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,420.03 | 0 | 1,165.82 | 0 | 911.78 | 0 | 657.83 | 0 | 402.67 | 0 | 149.67 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,414.73 | 1/4 | 1,160.52 | 1/4 | 906.50 | 1/4 | 652.52 | 1/4 | 397.35 | 1/4 | 144.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,409.43 | 1/2 | 1,155.22 | 1/2 | 901.22 | 1/2 | 647.20 | 1/2 | 392.03 | 1/2 | 139.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,404.14 | 3/4 | 1,149.93 | 3/4 | 895.93 | 3/4 | 641.89 | 3/4 | 386.72 | 3/4 | 134.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,398.84 | 1 | 1,144.63 | 1 | 890.65 | 1 | 636.57 | 1 | 381.40 | 1 | 129.13 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,393.55 | 1/4 | 1,139.34 | 1/4 | 885.37 | 1/4 | 631.26 | 1/4 | 376.09 | 1/4 | 124.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,388.25 | 1/2 | 1,134.04 | 1/2 | 880.09 | 1/2 | 625.94 | 1/2 | 370.77 | 1/2 | 118.86 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,382.95 | 3/4 | 1,128.75 | 3/4 | 874.80 | 3/4 | 620.62 | 3/4 | 365.45 | 3/4 | 113.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,377.66 | 2 | 1,123.45 | 2 | 869.52 | 2 | 615.31 | 2 | 360.14 | 2 | 108.59 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,372.36 | 1/4 | 1,118.16 | 1/4 | 864.24 | 1/4 | 609.99 | 1/4 | 354.82 | 1/4 | 103.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,367.06 | 1/2 | 1,112.86 | 1/2 | 858.96 | 1/2 | 604.67 | 1/2 | 349.50 | 1/2 | 98.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,361.77 | 3/4 | 1,107.56 | 3/4 | 853.67 | 3/4 | 599.36 | 3/4 | 344.19 | 3/4 | 93.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,356.47 | 3 | 1,102.27 | 3 | 848.39 | 3 | 594.04 | 3 | 338.87 | 3 | 87.92 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,351.18 | 1/4 | 1,096.97 | 1/4 | 843.11 | 1/4 | 588.73 | 1/4 | 333.56 | 1/4 | 82.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,345.88 | 1/2 | 1,091.67 | 1/2 | 837.83 | 1/2 | 583.41 | 1/2 | 328.24 | 1/2 | 77.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,340.59 | 3/4 | 1,086.38 | 3/4 | 832.55 | 3/4 | 578.09 | 3/4 | 322.93 | 3/4 | 72.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,335.29 | 4 | 1,081.08 | 4 | 827.27 | 4 | 572.78 | 4 | 317.61 | 4 | 66.79 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,330.00 | 1/4 | 1,075.79 | 1/4 | 821.99 | 1/4 | 567.46 | 1/4 | 312.30 | 1/4 | 61.47 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,324.70 | 1/2 | 1,070.49 | 1/2 | 816.71 | 1/2 | 562.14 | 1/2 | 306.98 | 1/2 | 56.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,319.40 | 3/4 | 1,065.19 | 3/4 | 811.42 | 3/4 | 556.83 | 3/4 | 301.66 | 3/4 | 50.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,314.11 | 5 | 1,059.90 | 5 | 806.14 | 5 | 551.51 | 5 | 296.35 | 5 | 45.52 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,308.81 | 1/4 | 1,054.60 | 1/4 | 800.86 | 1/4 | 546.20 | 1/4 | 291.03 | 1/4 | 40.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,303.51 | 1/2 | 1,049.30 | 1/2 | 795.58 | 1/2 | 540.88 | 1/2 | 285.71 | 1/2 | 35.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,298.22 | 3/4 | 1,044.01 | 3/4 | 790.29 | 3/4 | 535.57 | 3/4 | 280.40 | 3/4 | 31.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,292.92 | 6 | 1,038.71 | 6 | 785.01 | 6 | 530.25 | 6 | 275.08 | 6 | 26.78 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,287.63 | 1/4 | 1,033.42 | 1/4 | 779.73 | 1/4 | 524.94 | 1/4 | 269.77 | 1/4 | 22.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,282.33 | 1/2 | 1,028.12 | 1/2 | 774.45 | 1/2 | 519.62 | 1/2 | 264.45 | 1/2 | 19.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,277.03 | 3/4 | 1,022.83 | 3/4 | 769.16 | 3/4 | 514.30 | 3/4 | 259.13 | 3/4 | 15.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,271.74 | 7 | 1,017.53 | 7 | 763.88 | 7 | 508.99 | 7 | 253.82 | 7 | 12.74 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,266.44 | 1/4 | 1,012.24 | 1/4 | 758.60 | 1/4 | 503.67 | 1/4 | 248.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,261.14 | 1/2 | 1,006.94 | 1/2 | 753.32 | 1/2 | 498.35 | 1/2 | 243.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,255.85 | 3/4 | 1,001.64 | 3/4 | 748.03 | 3/4 | 493.04 | 3/4 | 237.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,250.55 | 8 | 996.35 | 8 | 742.75 | 8 | 487.72 | 8 | 232.55 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,245.26 | 1/4 | 991.05 | 1/4 | 737.47 | 1/4 | 482.41 | 1/4 | 227.24 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,239.96 | 1/2 | 985.76 | 1/2 | 732.18 | 1/2 | 477.09 | 1/2 | 221.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,234.67 | 3/4 | 980.46 | 3/4 | 726.89 | 3/4 | 471.77 | 3/4 | 216.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,229.37 | 9 | 975.17 | 9 | 721.60 | 9 | 466.46 | 9 | 211.43 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,224.08 | 1/4 | 969.88 | 1/4 | 716.31 | 1/4 | 461.14 | 1/4 | 206.16 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,218.78 | 1/2 | 964.60 | 1/2 | 710.99 | 1/2 | 455.82 | 1/2 | 201.02 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,213.48 | 3/4 | 959.31 | 3/4 | 705.68 | 3/4 | 450.51 | 3/4 | 195.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,208.19 | 10 | 954.03 | 10 | 700.36 | 10 | 445.19 | 10 | 190.75 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,202.89 | 1/4 | 948.75 | 1/4 | 695.05 | 1/4 | 439.88 | 1/4 | 185.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,197.59 | 1/2 | 943.47 | 1/2 | 689.73 | 1/2 | 434.56 | 1/2 | 180.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,192.30 | 3/4 | 938.19 | 3/4 | 684.41 | 3/4 | 429.25 | 3/4 | 175.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,187.00 | 11 | 932.91 | 11 | 679.10 | 11 | 423.93 | 11 | 170.21 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,181.71 | 1/4 | 927.63 | 1/4 | 673.78 | 1/4 | 418.62 | 1/4 | 165.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,176.41 | 1/2 | 922.35 | 1/2 | 668.46 | 1/2 | 413.30 | 1/2 | 159.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,171.11 | 3/4 | 917.06 | 3/4 | 663.15 | 3/4 | 407.98 | 3/4 | 154.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "HTCO 3063"

2 PORT
ULLAGE TABLE

HERMETIC
GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | | | |
|-------|--|-------|--|-------|--|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-----|----------|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | | |
| 0 | | 0 | | 0 | | 0 | 3,180.79 | 0 | 2,936.21 | 0 | 2,681.52 | 0 | 2,426.83 | 0 | 2,172.15 | 0 | 1,917.46 | 0 | 1,662.77 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,177.82 | 1/4 | 2,930.90 | 1/4 | 2,676.21 | 1/4 | 2,421.52 | 1/4 | 2,166.84 | 1/4 | 1,912.15 | 1/4 | 1,657.46 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,173.94 | 1/2 | 2,925.60 | 1/2 | 2,670.91 | 1/2 | 2,416.22 | 1/2 | 2,161.53 | 1/2 | 1,906.84 | 1/2 | 1,652.16 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,170.06 | 3/4 | 2,920.29 | 3/4 | 2,665.60 | 3/4 | 2,410.91 | 3/4 | 2,156.23 | 3/4 | 1,901.54 | 3/4 | 1,646.85 | | |
| 1 | | 1 | | 1 | | 1 | 2,914.99 | 1 | 2,660.30 | 1 | 2,405.61 | 1 | 2,150.92 | 1 | 1,896.23 | 1 | 1,641.55 | | | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,162.30 | 1/4 | 2,909.68 | 1/4 | 2,654.99 | 1/4 | 2,400.30 | 1/4 | 2,145.61 | 1/4 | 1,890.92 | 1/4 | 1,636.24 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,157.51 | 1/2 | 2,904.37 | 1/2 | 2,649.68 | 1/2 | 2,395.00 | 1/2 | 2,140.31 | 1/2 | 1,885.62 | 1/2 | 1,630.93 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,152.72 | 3/4 | 2,899.07 | 3/4 | 2,644.38 | 3/4 | 2,389.69 | 3/4 | 2,135.00 | 3/4 | 1,880.31 | 3/4 | 1,625.63 | | |
| 2 | | 2 | | 2 | | 2 | 3,147.93 | 2 | 2,893.76 | 2 | 2,639.07 | 2 | 2,384.39 | 2 | 2,129.70 | 2 | 1,875.01 | 2 | 1,620.32 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,143.14 | 1/4 | 2,888.45 | 1/4 | 2,633.76 | 1/4 | 2,379.08 | 1/4 | 2,124.39 | 1/4 | 1,869.70 | 1/4 | 1,615.01 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,137.84 | 1/2 | 2,883.15 | 1/2 | 2,628.46 | 1/2 | 2,373.77 | 1/2 | 2,119.08 | 1/2 | 1,864.40 | 1/2 | 1,609.71 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,132.53 | 3/4 | 2,877.84 | 3/4 | 2,623.15 | 3/4 | 2,368.47 | 3/4 | 2,113.78 | 3/4 | 1,859.09 | 3/4 | 1,604.40 | | |
| 3 | | 3 | | 3 | | 3 | 3,127.23 | 3 | 2,872.54 | 3 | 2,617.85 | 3 | 2,363.16 | 3 | 2,108.47 | 3 | 1,853.79 | 3 | 1,599.10 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,121.92 | 1/4 | 2,867.23 | 1/4 | 2,612.54 | 1/4 | 2,357.85 | 1/4 | 2,103.16 | 1/4 | 1,848.48 | 1/4 | 1,593.79 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,116.61 | 1/2 | 2,861.92 | 1/2 | 2,607.24 | 1/2 | 2,352.55 | 1/2 | 2,097.86 | 1/2 | 1,843.17 | 1/2 | 1,588.48 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,111.31 | 3/4 | 2,856.62 | 3/4 | 2,601.93 | 3/4 | 2,347.24 | 3/4 | 2,092.55 | 3/4 | 1,837.87 | 3/4 | 1,583.18 | | |
| 4 | | 4 | | 4 | | 4 | 3,106.00 | 4 | 2,851.31 | 4 | 2,596.63 | 4 | 2,341.94 | 4 | 2,087.25 | 4 | 1,832.56 | 4 | 1,577.87 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,100.69 | 1/4 | 2,846.00 | 1/4 | 2,591.32 | 1/4 | 2,336.63 | 1/4 | 2,081.94 | 1/4 | 1,827.25 | 1/4 | 1,572.56 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,095.39 | 1/2 | 2,840.70 | 1/2 | 2,586.01 | 1/2 | 2,331.32 | 1/2 | 2,076.64 | 1/2 | 1,821.95 | 1/2 | 1,567.26 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,090.08 | 3/4 | 2,835.39 | 3/4 | 2,580.71 | 3/4 | 2,326.02 | 3/4 | 2,071.33 | 3/4 | 1,816.64 | 3/4 | 1,561.95 | | |
| 5 | | 5 | | 5 | | 5 | 3,084.78 | 5 | 2,830.09 | 5 | 2,575.40 | 5 | 2,320.71 | 5 | 2,066.03 | 5 | 1,811.34 | 5 | 1,556.65 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,079.47 | 1/4 | 2,824.78 | 1/4 | 2,570.09 | 1/4 | 2,315.40 | 1/4 | 2,060.72 | 1/4 | 1,806.03 | 1/4 | 1,551.34 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,074.16 | 1/2 | 2,819.48 | 1/2 | 2,564.79 | 1/2 | 2,310.10 | 1/2 | 2,055.41 | 1/2 | 1,800.72 | 1/2 | 1,546.04 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,068.86 | 3/4 | 2,814.17 | 3/4 | 2,559.48 | 3/4 | 2,304.79 | 3/4 | 2,050.11 | 3/4 | 1,795.42 | 3/4 | 1,540.73 | | |
| 6 | | 6 | | 6 | | 6 | 3,063.55 | 6 | 2,808.87 | 6 | 2,554.18 | 6 | 2,299.49 | 6 | 2,044.80 | 6 | 1,790.11 | 6 | 1,535.43 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,058.24 | 1/4 | 2,803.56 | 1/4 | 2,548.87 | 1/4 | 2,294.18 | 1/4 | 2,039.49 | 1/4 | 1,784.80 | 1/4 | 1,530.12 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,052.94 | 1/2 | 2,798.25 | 1/2 | 2,543.56 | 1/2 | 2,288.88 | 1/2 | 2,034.19 | 1/2 | 1,779.50 | 1/2 | 1,524.81 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,047.63 | 3/4 | 2,792.95 | 3/4 | 2,538.26 | 3/4 | 2,283.57 | 3/4 | 2,028.88 | 3/4 | 1,774.19 | 3/4 | 1,519.51 | | |
| 7 | | 7 | | 7 | | 7 | 3,042.33 | 7 | 2,787.64 | 7 | 2,532.95 | 7 | 2,278.27 | 7 | 2,023.58 | 7 | 1,768.89 | 7 | 1,514.20 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,037.02 | 1/4 | 2,782.33 | 1/4 | 2,527.64 | 1/4 | 2,272.96 | 1/4 | 2,018.27 | 1/4 | 1,763.58 | 1/4 | 1,508.89 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,031.72 | 1/2 | 2,777.03 | 1/2 | 2,522.34 | 1/2 | 2,267.65 | 1/2 | 2,012.96 | 1/2 | 1,758.28 | 1/2 | 1,503.59 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,026.41 | 3/4 | 2,771.72 | 3/4 | 2,517.03 | 3/4 | 2,262.35 | 3/4 | 2,007.66 | 3/4 | 1,752.97 | 3/4 | 1,498.28 | | |
| 8 | | 8 | | 8 | | 8 | 3,021.11 | 8 | 2,766.42 | 8 | 2,511.73 | 8 | 2,257.04 | 8 | 2,002.35 | 8 | 1,747.67 | 8 | 1,492.98 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,015.80 | 1/4 | 2,761.11 | 1/4 | 2,506.42 | 1/4 | 2,251.73 | 1/4 | 1,997.04 | 1/4 | 1,742.36 | 1/4 | 1,487.67 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,010.49 | 1/2 | 2,755.80 | 1/2 | 2,501.12 | 1/2 | 2,246.43 | 1/2 | 1,991.74 | 1/2 | 1,737.05 | 1/2 | 1,482.36 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,005.19 | 3/4 | 2,750.50 | 3/4 | 2,495.81 | 3/4 | 2,241.12 | 3/4 | 1,986.43 | 3/4 | 1,731.75 | 3/4 | 1,477.06 | | |
| 9 | | 9 | | 9 | | 9 | 2,999.88 | 9 | 2,745.19 | 9 | 2,490.51 | 9 | 2,235.82 | 9 | 1,981.13 | 9 | 1,726.44 | 9 | 1,471.75 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,994.57 | 1/4 | 2,739.88 | 1/4 | 2,485.20 | 1/4 | 2,230.51 | 1/4 | 1,975.82 | 1/4 | 1,721.13 | 1/4 | 1,466.44 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,989.27 | 1/2 | 2,734.58 | 1/2 | 2,479.89 | 1/2 | 2,225.20 | 1/2 | 1,970.52 | 1/2 | 1,715.83 | 1/2 | 1,461.14 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,983.96 | 3/4 | 2,729.27 | 3/4 | 2,474.59 | 3/4 | 2,219.90 | 3/4 | 1,965.21 | 3/4 | 1,710.52 | 3/4 | 1,455.83 | | |
| 10 | | 10 | | 10 | | 10 | 2,978.66 | 10 | 2,723.97 | 10 | 2,469.28 | 10 | 2,214.59 | 10 | 1,959.91 | 10 | 1,705.22 | 10 | 1,450.53 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,973.35 | 1/4 | 2,718.66 | 1/4 | 2,463.97 | 1/4 | 2,209.28 | 1/4 | 1,954.60 | 1/4 | 1,699.91 | 1/4 | 1,445.22 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,968.04 | 1/2 | 2,713.36 | 1/2 | 2,458.67 | 1/2 | 2,203.98 | 1/2 | 1,949.29 | 1/2 | 1,694.60 | 1/2 | 1,439.92 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,962.74 | 3/4 | 2,708.05 | 3/4 | 2,453.36 | 3/4 | 2,198.67 | 3/4 | 1,943.99 | 3/4 | 1,689.30 | 3/4 | 1,434.61 | | |
| 11 | | 11 | | 11 | | 11 | 2,957.43 | 11 | 2,702.75 | 11 | 2,448.06 | 11 | 2,193.37 | 11 | 1,938.68 | 11 | 1,683.99 | 11 | 1,429.31 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,952.12 | 1/4 | 2,697.44 | 1/4 | 2,442.75 | 1/4 | 2,188.06 | 1/4 | 1,933.37 | 1/4 | 1,678.68 | 1/4 | 1,424.00 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,946.82 | 1/2 | 2,692.13 | 1/2 | 2,437.44 | 1/2 | 2,182.76 | 1/2 | 1,928.07 | 1/2 | 1,673.38 | 1/2 | 1,418.69 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,183.75 | 3/4 | 2,941.51 | 3/4 | 2,686.83 | 3/4 | 2,432.14 | 3/4 | 2,177.45 | 3/4 | 1,922.76 | 3/4 | 1,668.07 | 3/4 | 1,413.39 |

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 10'-09" OFF CENTERLINE AND 34'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "HTCO 3063"

2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,408.08 | 0 | 1,153.39 | 0 | 899.82 | 0 | 649.20 | 0 | 397.39 | 0 | 147.72 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,402.77 | 1/4 | 1,148.08 | 1/4 | 894.60 | 1/4 | 643.95 | 1/4 | 392.14 | 1/4 | 142.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,397.47 | 1/2 | 1,142.78 | 1/2 | 889.39 | 1/2 | 638.71 | 1/2 | 386.90 | 1/2 | 137.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,392.16 | 3/4 | 1,137.47 | 3/4 | 884.18 | 3/4 | 633.46 | 3/4 | 381.65 | 3/4 | 132.52 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,386.86 | 1 | 1,132.17 | 1 | 878.96 | 1 | 628.22 | 1 | 376.41 | 1 | 127.45 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,381.55 | 1/4 | 1,126.86 | 1/4 | 873.75 | 1/4 | 622.97 | 1/4 | 371.16 | 1/4 | 122.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,376.24 | 1/2 | 1,121.56 | 1/2 | 868.54 | 1/2 | 617.72 | 1/2 | 365.92 | 1/2 | 117.31 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,370.94 | 3/4 | 1,116.25 | 3/4 | 863.33 | 3/4 | 612.48 | 3/4 | 360.67 | 3/4 | 112.25 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,365.63 | 2 | 1,110.95 | 2 | 858.11 | 2 | 607.23 | 2 | 355.43 | 2 | 107.18 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,360.32 | 1/4 | 1,105.64 | 1/4 | 852.90 | 1/4 | 601.98 | 1/4 | 350.18 | 1/4 | 102.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,355.02 | 1/2 | 1,100.33 | 1/2 | 847.69 | 1/2 | 596.74 | 1/2 | 344.93 | 1/2 | 97.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,349.71 | 3/4 | 1,095.03 | 3/4 | 842.48 | 3/4 | 591.49 | 3/4 | 339.69 | 3/4 | 91.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,344.41 | 3 | 1,089.72 | 3 | 837.26 | 3 | 586.25 | 3 | 334.44 | 3 | 86.77 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,339.10 | 1/4 | 1,084.41 | 1/4 | 832.05 | 1/4 | 581.00 | 1/4 | 329.19 | 1/4 | 81.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,333.80 | 1/2 | 1,079.11 | 1/2 | 826.85 | 1/2 | 575.75 | 1/2 | 323.95 | 1/2 | 76.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,328.49 | 3/4 | 1,073.80 | 3/4 | 821.65 | 3/4 | 570.51 | 3/4 | 318.70 | 3/4 | 71.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,323.19 | 4 | 1,068.50 | 4 | 816.44 | 4 | 565.26 | 4 | 313.46 | 4 | 65.92 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,317.88 | 1/4 | 1,063.19 | 1/4 | 811.24 | 1/4 | 560.01 | 1/4 | 308.21 | 1/4 | 60.67 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,312.57 | 1/2 | 1,057.88 | 1/2 | 806.02 | 1/2 | 554.77 | 1/2 | 302.96 | 1/2 | 55.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,307.27 | 3/4 | 1,052.58 | 3/4 | 800.79 | 3/4 | 549.52 | 3/4 | 297.72 | 3/4 | 50.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,301.96 | 5 | 1,047.27 | 5 | 795.57 | 5 | 544.28 | 5 | 292.47 | 5 | 44.94 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,296.65 | 1/4 | 1,041.96 | 1/4 | 790.34 | 1/4 | 539.03 | 1/4 | 287.22 | 1/4 | 39.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,291.35 | 1/2 | 1,036.66 | 1/2 | 785.13 | 1/2 | 533.79 | 1/2 | 281.98 | 1/2 | 35.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,286.04 | 3/4 | 1,031.35 | 3/4 | 779.92 | 3/4 | 528.54 | 3/4 | 276.73 | 3/4 | 30.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,280.74 | 6 | 1,026.05 | 6 | 774.70 | 6 | 523.30 | 6 | 271.49 | 6 | 26.45 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,275.43 | 1/4 | 1,020.74 | 1/4 | 769.49 | 1/4 | 518.05 | 1/4 | 266.24 | 1/4 | 22.03 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,270.12 | 1/2 | 1,015.43 | 1/2 | 764.28 | 1/2 | 512.80 | 1/2 | 261.00 | 1/2 | 18.88 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,264.82 | 3/4 | 1,010.13 | 3/4 | 759.07 | 3/4 | 507.56 | 3/4 | 255.75 | 3/4 | 15.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,259.51 | 7 | 1,004.82 | 7 | 753.85 | 7 | 502.31 | 7 | 250.51 | 7 | 12.58 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,254.20 | 1/4 | 999.51 | 1/4 | 748.64 | 1/4 | 497.06 | 1/4 | 245.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,248.90 | 1/2 | 994.21 | 1/2 | 743.43 | 1/2 | 491.82 | 1/2 | 240.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,243.59 | 3/4 | 988.90 | 3/4 | 738.22 | 3/4 | 486.57 | 3/4 | 234.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,238.29 | 8 | 983.60 | 8 | 733.00 | 8 | 481.33 | 8 | 229.52 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,232.98 | 1/4 | 978.29 | 1/4 | 727.79 | 1/4 | 476.08 | 1/4 | 224.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,227.68 | 1/2 | 973.01 | 1/2 | 722.57 | 1/2 | 470.84 | 1/2 | 219.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,222.37 | 3/4 | 967.73 | 3/4 | 717.35 | 3/4 | 465.59 | 3/4 | 213.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,217.07 | 9 | 962.44 | 9 | 712.12 | 9 | 460.35 | 9 | 208.67 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,211.76 | 1/4 | 957.16 | 1/4 | 706.90 | 1/4 | 455.10 | 1/4 | 203.47 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,206.45 | 1/2 | 951.95 | 1/2 | 701.66 | 1/2 | 449.85 | 1/2 | 198.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,201.15 | 3/4 | 946.74 | 3/4 | 696.41 | 3/4 | 444.61 | 3/4 | 193.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,195.84 | 10 | 941.52 | 10 | 691.17 | 10 | 439.36 | 10 | 188.26 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,190.53 | 1/4 | 936.31 | 1/4 | 685.92 | 1/4 | 434.11 | 1/4 | 183.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,185.23 | 1/2 | 931.10 | 1/2 | 680.67 | 1/2 | 428.87 | 1/2 | 178.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,179.92 | 3/4 | 925.89 | 3/4 | 675.43 | 3/4 | 423.62 | 3/4 | 173.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,174.62 | 11 | 920.67 | 11 | 670.18 | 11 | 418.38 | 11 | 167.99 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,169.31 | 1/4 | 915.46 | 1/4 | 664.93 | 1/4 | 413.13 | 1/4 | 162.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,164.00 | 1/2 | 910.25 | 1/2 | 659.69 | 1/2 | 407.88 | 1/2 | 157.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,158.70 | 3/4 | 905.03 | 3/4 | 654.44 | 3/4 | 402.64 | 3/4 | 152.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3063"

2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

| 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 | 3,180.79 | 0 | 2,936.21 | 0 | 2,681.52 | 0 | 2,426.83 | 0 | 2,172.15 | 0 | 1,917.46 | 0 | 1,662.77 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,177.82 | 1/4 | 2,930.90 | 1/4 | 2,676.21 | 1/4 | 2,421.52 | 1/4 | 2,166.84 | 1/4 | 1,912.15 | 1/4 | 1,657.46 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,173.94 | 1/2 | 2,925.60 | 1/2 | 2,670.91 | 1/2 | 2,416.22 | 1/2 | 2,161.53 | 1/2 | 1,906.84 | 1/2 | 1,652.16 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,170.06 | 3/4 | 2,920.29 | 3/4 | 2,665.60 | 3/4 | 2,410.91 | 3/4 | 2,156.23 | 3/4 | 1,901.54 | 3/4 | 1,646.85 |
| 1 | | 1 | | 1 | | 1 | 2,914.99 | 1 | 2,660.30 | 1 | 2,405.61 | 1 | 2,150.92 | 1 | 1,896.23 | 1 | 1,641.55 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,162.30 | 1/4 | 2,909.68 | 1/4 | 2,654.99 | 1/4 | 2,400.30 | 1/4 | 2,145.61 | 1/4 | 1,890.92 | 1/4 | 1,636.24 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,157.51 | 1/2 | 2,904.37 | 1/2 | 2,649.68 | 1/2 | 2,395.00 | 1/2 | 2,140.31 | 1/2 | 1,885.62 | 1/2 | 1,630.93 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,152.72 | 3/4 | 2,899.07 | 3/4 | 2,644.38 | 3/4 | 2,389.69 | 3/4 | 2,135.00 | 3/4 | 1,880.31 | 3/4 | 1,625.63 |
| 2 | | 2 | | 2 | | 2 | 3,147.93 | 2 | 2,893.76 | 2 | 2,639.07 | 2 | 2,384.39 | 2 | 2,129.70 | 2 | 1,875.01 | 2 | 1,620.32 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,143.14 | 1/4 | 2,888.45 | 1/4 | 2,633.76 | 1/4 | 2,379.08 | 1/4 | 2,124.39 | 1/4 | 1,869.70 | 1/4 | 1,615.01 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,137.84 | 1/2 | 2,883.15 | 1/2 | 2,628.46 | 1/2 | 2,373.77 | 1/2 | 2,119.08 | 1/2 | 1,864.40 | 1/2 | 1,609.71 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,132.53 | 3/4 | 2,877.84 | 3/4 | 2,623.15 | 3/4 | 2,368.47 | 3/4 | 2,113.78 | 3/4 | 1,859.09 | 3/4 | 1,604.40 |
| 3 | | 3 | | 3 | | 3 | 3,127.23 | 3 | 2,872.54 | 3 | 2,617.85 | 3 | 2,363.16 | 3 | 2,108.47 | 3 | 1,853.79 | 3 | 1,599.10 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,121.92 | 1/4 | 2,867.23 | 1/4 | 2,612.54 | 1/4 | 2,357.85 | 1/4 | 2,103.16 | 1/4 | 1,848.48 | 1/4 | 1,593.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,116.61 | 1/2 | 2,861.92 | 1/2 | 2,607.24 | 1/2 | 2,352.55 | 1/2 | 2,097.86 | 1/2 | 1,843.17 | 1/2 | 1,588.48 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,111.31 | 3/4 | 2,856.62 | 3/4 | 2,601.93 | 3/4 | 2,347.24 | 3/4 | 2,092.55 | 3/4 | 1,837.87 | 3/4 | 1,583.18 |
| 4 | | 4 | | 4 | | 4 | 3,106.00 | 4 | 2,851.31 | 4 | 2,596.63 | 4 | 2,341.94 | 4 | 2,087.25 | 4 | 1,832.56 | 4 | 1,577.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,100.69 | 1/4 | 2,846.00 | 1/4 | 2,591.32 | 1/4 | 2,336.63 | 1/4 | 2,081.94 | 1/4 | 1,827.25 | 1/4 | 1,572.56 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,095.39 | 1/2 | 2,840.70 | 1/2 | 2,586.01 | 1/2 | 2,331.32 | 1/2 | 2,076.64 | 1/2 | 1,821.95 | 1/2 | 1,567.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,090.08 | 3/4 | 2,835.39 | 3/4 | 2,580.71 | 3/4 | 2,326.02 | 3/4 | 2,071.33 | 3/4 | 1,816.64 | 3/4 | 1,561.95 |
| 5 | | 5 | | 5 | | 5 | 3,084.78 | 5 | 2,830.09 | 5 | 2,575.40 | 5 | 2,320.71 | 5 | 2,066.03 | 5 | 1,811.34 | 5 | 1,556.65 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,079.47 | 1/4 | 2,824.78 | 1/4 | 2,570.09 | 1/4 | 2,315.40 | 1/4 | 2,060.72 | 1/4 | 1,806.03 | 1/4 | 1,551.34 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,074.16 | 1/2 | 2,819.48 | 1/2 | 2,564.79 | 1/2 | 2,310.10 | 1/2 | 2,055.41 | 1/2 | 1,800.72 | 1/2 | 1,546.04 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,068.86 | 3/4 | 2,814.17 | 3/4 | 2,559.48 | 3/4 | 2,304.79 | 3/4 | 2,050.11 | 3/4 | 1,795.42 | 3/4 | 1,540.73 |
| 6 | | 6 | | 6 | | 6 | 3,063.55 | 6 | 2,808.87 | 6 | 2,554.18 | 6 | 2,299.49 | 6 | 2,044.80 | 6 | 1,790.11 | 6 | 1,535.43 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,058.24 | 1/4 | 2,803.56 | 1/4 | 2,548.87 | 1/4 | 2,294.18 | 1/4 | 2,039.49 | 1/4 | 1,784.80 | 1/4 | 1,530.12 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,052.94 | 1/2 | 2,798.25 | 1/2 | 2,543.56 | 1/2 | 2,288.88 | 1/2 | 2,034.19 | 1/2 | 1,779.50 | 1/2 | 1,524.81 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,047.63 | 3/4 | 2,792.95 | 3/4 | 2,538.26 | 3/4 | 2,283.57 | 3/4 | 2,028.88 | 3/4 | 1,774.19 | 3/4 | 1,519.51 |
| 7 | | 7 | | 7 | | 7 | 3,042.33 | 7 | 2,787.64 | 7 | 2,532.95 | 7 | 2,278.27 | 7 | 2,023.58 | 7 | 1,768.89 | 7 | 1,514.20 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,037.02 | 1/4 | 2,782.33 | 1/4 | 2,527.64 | 1/4 | 2,272.96 | 1/4 | 2,018.27 | 1/4 | 1,763.58 | 1/4 | 1,508.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,031.72 | 1/2 | 2,777.03 | 1/2 | 2,522.34 | 1/2 | 2,267.65 | 1/2 | 2,012.96 | 1/2 | 1,758.28 | 1/2 | 1,503.59 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,026.41 | 3/4 | 2,771.72 | 3/4 | 2,517.03 | 3/4 | 2,262.35 | 3/4 | 2,007.66 | 3/4 | 1,752.97 | 3/4 | 1,498.28 |
| 8 | | 8 | | 8 | | 8 | 3,021.11 | 8 | 2,766.42 | 8 | 2,511.73 | 8 | 2,257.04 | 8 | 2,002.35 | 8 | 1,747.67 | 8 | 1,492.98 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,015.80 | 1/4 | 2,761.11 | 1/4 | 2,506.42 | 1/4 | 2,251.73 | 1/4 | 1,997.04 | 1/4 | 1,742.36 | 1/4 | 1,487.67 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,010.49 | 1/2 | 2,755.80 | 1/2 | 2,501.12 | 1/2 | 2,246.43 | 1/2 | 1,991.74 | 1/2 | 1,737.05 | 1/2 | 1,482.36 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,005.19 | 3/4 | 2,750.50 | 3/4 | 2,495.81 | 3/4 | 2,241.12 | 3/4 | 1,986.43 | 3/4 | 1,731.75 | 3/4 | 1,477.06 |
| 9 | | 9 | | 9 | | 9 | 2,999.88 | 9 | 2,745.19 | 9 | 2,490.51 | 9 | 2,235.82 | 9 | 1,981.13 | 9 | 1,726.44 | 9 | 1,471.75 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,994.57 | 1/4 | 2,739.88 | 1/4 | 2,485.20 | 1/4 | 2,230.51 | 1/4 | 1,975.82 | 1/4 | 1,721.13 | 1/4 | 1,466.44 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,989.27 | 1/2 | 2,734.58 | 1/2 | 2,479.89 | 1/2 | 2,225.20 | 1/2 | 1,970.52 | 1/2 | 1,715.83 | 1/2 | 1,461.14 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,983.96 | 3/4 | 2,729.27 | 3/4 | 2,474.59 | 3/4 | 2,219.90 | 3/4 | 1,965.21 | 3/4 | 1,710.52 | 3/4 | 1,455.83 |
| 10 | | 10 | | 10 | | 10 | 2,978.66 | 10 | 2,723.97 | 10 | 2,469.28 | 10 | 2,214.59 | 10 | 1,959.91 | 10 | 1,705.22 | 10 | 1,450.53 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,973.35 | 1/4 | 2,718.66 | 1/4 | 2,463.97 | 1/4 | 2,209.28 | 1/4 | 1,954.60 | 1/4 | 1,699.91 | 1/4 | 1,445.22 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,968.04 | 1/2 | 2,713.36 | 1/2 | 2,458.67 | 1/2 | 2,203.98 | 1/2 | 1,949.29 | 1/2 | 1,694.60 | 1/2 | 1,439.92 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 2,962.74 | 3/4 | 2,708.05 | 3/4 | 2,453.36 | 3/4 | 2,198.67 | 3/4 | 1,943.99 | 3/4 | 1,689.30 | 3/4 | 1,434.61 |
| 11 | | 11 | | 11 | | 11 | 2,957.43 | 11 | 2,702.75 | 11 | 2,448.06 | 11 | 2,193.37 | 11 | 1,938.68 | 11 | 1,683.99 | 11 | 1,429.31 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 2,952.12 | 1/4 | 2,697.44 | 1/4 | 2,442.75 | 1/4 | 2,188.06 | 1/4 | 1,933.37 | 1/4 | 1,678.68 | 1/4 | 1,424.00 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 2,946.82 | 1/2 | 2,692.13 | 1/2 | 2,437.44 | 1/2 | 2,182.76 | 1/2 | 1,928.07 | 1/2 | 1,673.38 | 1/2 | 1,418.69 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,183.75 | 3/4 | 2,941.51 | 3/4 | 2,686.83 | 3/4 | 2,432.14 | 3/4 | 2,177.45 | 3/4 | 1,922.76 | 3/4 | 1,668.07 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 34'-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 "HTCO 3063"

2 STBD
ULLAGE TABLE
HERMETIC
GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,408.08 | 0 | 1,153.39 | 0 | 899.82 | 0 | 649.20 | 0 | 397.39 | 0 | 147.72 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,402.77 | 1/4 | 1,148.08 | 1/4 | 894.60 | 1/4 | 643.95 | 1/4 | 392.14 | 1/4 | 142.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,397.47 | 1/2 | 1,142.78 | 1/2 | 889.39 | 1/2 | 638.71 | 1/2 | 386.90 | 1/2 | 137.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,392.16 | 3/4 | 1,137.47 | 3/4 | 884.18 | 3/4 | 633.46 | 3/4 | 381.65 | 3/4 | 132.52 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,386.86 | 1 | 1,132.17 | 1 | 878.96 | 1 | 628.22 | 1 | 376.41 | 1 | 127.45 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,381.55 | 1/4 | 1,126.86 | 1/4 | 873.75 | 1/4 | 622.97 | 1/4 | 371.16 | 1/4 | 122.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,376.24 | 1/2 | 1,121.56 | 1/2 | 868.54 | 1/2 | 617.72 | 1/2 | 365.92 | 1/2 | 117.31 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,370.94 | 3/4 | 1,116.25 | 3/4 | 863.33 | 3/4 | 612.48 | 3/4 | 360.67 | 3/4 | 112.25 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,365.63 | 2 | 1,110.95 | 2 | 858.11 | 2 | 607.23 | 2 | 355.43 | 2 | 107.18 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,360.32 | 1/4 | 1,105.64 | 1/4 | 852.90 | 1/4 | 601.98 | 1/4 | 350.18 | 1/4 | 102.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,355.02 | 1/2 | 1,100.33 | 1/2 | 847.69 | 1/2 | 596.74 | 1/2 | 344.93 | 1/2 | 97.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,349.71 | 3/4 | 1,095.03 | 3/4 | 842.48 | 3/4 | 591.49 | 3/4 | 339.69 | 3/4 | 91.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,344.41 | 3 | 1,089.72 | 3 | 837.26 | 3 | 586.25 | 3 | 334.44 | 3 | 86.77 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,339.10 | 1/4 | 1,084.41 | 1/4 | 832.05 | 1/4 | 581.00 | 1/4 | 329.19 | 1/4 | 81.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,333.80 | 1/2 | 1,079.11 | 1/2 | 826.85 | 1/2 | 575.75 | 1/2 | 323.95 | 1/2 | 76.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,328.49 | 3/4 | 1,073.80 | 3/4 | 821.65 | 3/4 | 570.51 | 3/4 | 318.70 | 3/4 | 71.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,323.19 | 4 | 1,068.50 | 4 | 816.44 | 4 | 565.26 | 4 | 313.46 | 4 | 65.92 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,317.88 | 1/4 | 1,063.19 | 1/4 | 811.24 | 1/4 | 560.01 | 1/4 | 308.21 | 1/4 | 60.67 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,312.57 | 1/2 | 1,057.88 | 1/2 | 806.02 | 1/2 | 554.77 | 1/2 | 302.96 | 1/2 | 55.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,307.27 | 3/4 | 1,052.58 | 3/4 | 800.79 | 3/4 | 549.52 | 3/4 | 297.72 | 3/4 | 50.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,301.96 | 5 | 1,047.27 | 5 | 795.57 | 5 | 544.28 | 5 | 292.47 | 5 | 44.94 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,296.65 | 1/4 | 1,041.96 | 1/4 | 790.34 | 1/4 | 539.03 | 1/4 | 287.22 | 1/4 | 39.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,291.35 | 1/2 | 1,036.66 | 1/2 | 785.13 | 1/2 | 533.79 | 1/2 | 281.98 | 1/2 | 35.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,286.04 | 3/4 | 1,031.35 | 3/4 | 779.92 | 3/4 | 528.54 | 3/4 | 276.73 | 3/4 | 30.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,280.74 | 6 | 1,026.05 | 6 | 774.70 | 6 | 523.30 | 6 | 271.49 | 6 | 26.45 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,275.43 | 1/4 | 1,020.74 | 1/4 | 769.49 | 1/4 | 518.05 | 1/4 | 266.24 | 1/4 | 22.03 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,270.12 | 1/2 | 1,015.43 | 1/2 | 764.28 | 1/2 | 512.80 | 1/2 | 261.00 | 1/2 | 18.88 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,264.82 | 3/4 | 1,010.13 | 3/4 | 759.07 | 3/4 | 507.56 | 3/4 | 255.75 | 3/4 | 15.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,259.51 | 7 | 1,004.82 | 7 | 753.85 | 7 | 502.31 | 7 | 250.51 | 7 | 12.58 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,254.20 | 1/4 | 999.51 | 1/4 | 748.64 | 1/4 | 497.06 | 1/4 | 245.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,248.90 | 1/2 | 994.21 | 1/2 | 743.43 | 1/2 | 491.82 | 1/2 | 240.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,243.59 | 3/4 | 988.90 | 3/4 | 738.22 | 3/4 | 486.57 | 3/4 | 234.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,238.29 | 8 | 983.60 | 8 | 733.00 | 8 | 481.33 | 8 | 229.52 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,232.98 | 1/4 | 978.29 | 1/4 | 727.79 | 1/4 | 476.08 | 1/4 | 224.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,227.68 | 1/2 | 973.01 | 1/2 | 722.57 | 1/2 | 470.84 | 1/2 | 219.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,222.37 | 3/4 | 967.73 | 3/4 | 717.35 | 3/4 | 465.59 | 3/4 | 213.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,217.07 | 9 | 962.44 | 9 | 712.12 | 9 | 460.35 | 9 | 208.67 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,211.76 | 1/4 | 957.16 | 1/4 | 706.90 | 1/4 | 455.10 | 1/4 | 203.47 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,206.45 | 1/2 | 951.95 | 1/2 | 701.66 | 1/2 | 449.85 | 1/2 | 198.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,201.15 | 3/4 | 946.74 | 3/4 | 696.41 | 3/4 | 444.61 | 3/4 | 193.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,195.84 | 10 | 941.52 | 10 | 691.17 | 10 | 439.36 | 10 | 188.26 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,190.53 | 1/4 | 936.31 | 1/4 | 685.92 | 1/4 | 434.11 | 1/4 | 183.19 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,185.23 | 1/2 | 931.10 | 1/2 | 680.67 | 1/2 | 428.87 | 1/2 | 178.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,179.92 | 3/4 | 925.89 | 3/4 | 675.43 | 3/4 | 423.62 | 3/4 | 173.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,174.62 | 11 | 920.67 | 11 | 670.18 | 11 | 418.38 | 11 | 167.99 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,169.31 | 1/4 | 915.46 | 1/4 | 664.93 | 1/4 | 413.13 | 1/4 | 162.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,164.00 | 1/2 | 910.25 | 1/2 | 659.69 | 1/2 | 407.88 | 1/2 | 157.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,158.70 | 3/4 | 905.03 | 3/4 | 654.44 | 3/4 | 402.64 | 3/4 | 152.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3063"

3 PORT ULLAGE TABLE

HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,490.99 | 0 | 3,222.86 | 0 | 2,943.93 | 0 | 2,665.01 | 0 | 2,386.08 | 0 | 2,107.15 | 0 | 1,828.22 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,487.72 | 1/4 | 3,217.05 | 1/4 | 2,938.12 | 1/4 | 2,659.20 | 1/4 | 2,380.27 | 1/4 | 2,101.34 | 1/4 | 1,822.41 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,483.45 | 1/2 | 3,211.24 | 1/2 | 2,932.31 | 1/2 | 2,653.39 | 1/2 | 2,374.46 | 1/2 | 2,095.53 | 1/2 | 1,816.60 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,479.17 | 3/4 | 3,205.43 | 3/4 | 2,926.50 | 3/4 | 2,647.58 | 3/4 | 2,368.65 | 3/4 | 2,089.72 | 3/4 | 1,810.79 | | |
| 1 | | 1 | | 1 | | 1 | 3,474.90 | 1 | 3,199.62 | 1 | 2,920.69 | 1 | 2,641.76 | 1 | 2,362.83 | 1 | 2,083.91 | 1 | 1,804.98 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,470.62 | 1/4 | 3,193.81 | 1/4 | 2,914.88 | 1/4 | 2,635.95 | 1/4 | 2,357.02 | 1/4 | 2,078.10 | 1/4 | 1,799.17 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,465.34 | 1/2 | 3,188.00 | 1/2 | 2,909.07 | 1/2 | 2,630.14 | 1/2 | 2,351.21 | 1/2 | 2,072.29 | 1/2 | 1,793.36 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,460.06 | 3/4 | 3,182.19 | 3/4 | 2,903.26 | 3/4 | 2,624.33 | 3/4 | 2,345.40 | 3/4 | 2,066.48 | 3/4 | 1,787.55 | | |
| 2 | | 2 | | 2 | | 2 | 3,454.77 | 2 | 3,176.37 | 2 | 2,897.45 | 2 | 2,618.52 | 2 | 2,339.59 | 2 | 2,060.66 | 2 | 1,781.73 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,449.49 | 1/4 | 3,170.56 | 1/4 | 2,891.64 | 1/4 | 2,612.71 | 1/4 | 2,333.78 | 1/4 | 2,054.85 | 1/4 | 1,775.92 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,443.68 | 1/2 | 3,164.75 | 1/2 | 2,885.83 | 1/2 | 2,606.90 | 1/2 | 2,327.97 | 1/2 | 2,049.04 | 1/2 | 1,770.11 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,437.87 | 3/4 | 3,158.94 | 3/4 | 2,880.02 | 3/4 | 2,601.09 | 3/4 | 2,322.16 | 3/4 | 2,043.23 | 3/4 | 1,764.30 | | |
| 3 | | 3 | | 3 | | 3 | 3,432.06 | 3 | 3,153.13 | 3 | 2,874.20 | 3 | 2,595.27 | 3 | 2,316.35 | 3 | 2,037.42 | 3 | 1,758.49 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,426.25 | 1/4 | 3,147.32 | 1/4 | 2,868.39 | 1/4 | 2,589.46 | 1/4 | 2,310.54 | 1/4 | 2,031.61 | 1/4 | 1,752.68 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,420.44 | 1/2 | 3,141.51 | 1/2 | 2,862.58 | 1/2 | 2,583.65 | 1/2 | 2,304.73 | 1/2 | 2,025.80 | 1/2 | 1,746.87 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,414.63 | 3/4 | 3,135.70 | 3/4 | 2,856.77 | 3/4 | 2,577.84 | 3/4 | 2,298.92 | 3/4 | 2,019.99 | 3/4 | 1,741.06 | | |
| 4 | | 4 | | 4 | | 4 | 3,408.81 | 4 | 3,129.89 | 4 | 2,850.96 | 4 | 2,572.03 | 4 | 2,293.10 | 4 | 2,014.17 | 4 | 1,735.25 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,403.00 | 1/4 | 3,124.08 | 1/4 | 2,845.15 | 1/4 | 2,566.22 | 1/4 | 2,287.29 | 1/4 | 2,008.36 | 1/4 | 1,729.44 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,397.19 | 1/2 | 3,118.27 | 1/2 | 2,839.34 | 1/2 | 2,560.41 | 1/2 | 2,281.48 | 1/2 | 2,002.55 | 1/2 | 1,723.63 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,391.38 | 3/4 | 3,112.46 | 3/4 | 2,833.53 | 3/4 | 2,554.60 | 3/4 | 2,275.67 | 3/4 | 1,996.74 | 3/4 | 1,717.82 | | |
| 5 | | 5 | | 5 | | 5 | 3,385.57 | 5 | 3,106.64 | 5 | 2,827.71 | 5 | 2,548.79 | 5 | 2,269.86 | 5 | 1,990.93 | 5 | 1,712.00 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,379.76 | 1/4 | 3,100.83 | 1/4 | 2,821.90 | 1/4 | 2,542.98 | 1/4 | 2,264.05 | 1/4 | 1,985.12 | 1/4 | 1,706.19 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,373.95 | 1/2 | 3,095.02 | 1/2 | 2,816.09 | 1/2 | 2,537.17 | 1/2 | 2,258.24 | 1/2 | 1,979.31 | 1/2 | 1,700.38 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,368.14 | 3/4 | 3,089.21 | 3/4 | 2,810.28 | 3/4 | 2,531.36 | 3/4 | 2,252.43 | 3/4 | 1,973.50 | 3/4 | 1,694.57 | | |
| 6 | | 6 | | 6 | | 6 | 3,362.33 | 6 | 3,083.40 | 6 | 2,804.47 | 6 | 2,525.54 | 6 | 2,246.61 | 6 | 1,967.69 | 6 | 1,688.76 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,356.52 | 1/4 | 3,077.59 | 1/4 | 2,798.66 | 1/4 | 2,519.73 | 1/4 | 2,240.80 | 1/4 | 1,961.88 | 1/4 | 1,682.95 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,350.71 | 1/2 | 3,071.78 | 1/2 | 2,792.85 | 1/2 | 2,513.92 | 1/2 | 2,234.99 | 1/2 | 1,956.07 | 1/2 | 1,677.14 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,344.90 | 3/4 | 3,065.97 | 3/4 | 2,787.04 | 3/4 | 2,508.11 | 3/4 | 2,229.18 | 3/4 | 1,950.26 | 3/4 | 1,671.33 | | |
| 7 | | 7 | | 7 | | 7 | 3,339.08 | 7 | 3,060.15 | 7 | 2,781.23 | 7 | 2,502.30 | 7 | 2,223.37 | 7 | 1,944.44 | 7 | 1,665.51 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,333.27 | 1/4 | 3,054.34 | 1/4 | 2,775.42 | 1/4 | 2,496.49 | 1/4 | 2,217.56 | 1/4 | 1,938.63 | 1/4 | 1,659.70 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,327.46 | 1/2 | 3,048.53 | 1/2 | 2,769.61 | 1/2 | 2,490.68 | 1/2 | 2,211.75 | 1/2 | 1,932.82 | 1/2 | 1,653.89 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,321.65 | 3/4 | 3,042.72 | 3/4 | 2,763.80 | 3/4 | 2,484.87 | 3/4 | 2,205.94 | 3/4 | 1,927.01 | 3/4 | 1,648.08 | | |
| 8 | | 8 | | 8 | | 8 | 3,315.84 | 8 | 3,036.91 | 8 | 2,757.98 | 8 | 2,479.05 | 8 | 2,200.13 | 8 | 1,921.20 | 8 | 1,642.27 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,310.03 | 1/4 | 3,031.10 | 1/4 | 2,752.17 | 1/4 | 2,473.24 | 1/4 | 2,194.32 | 1/4 | 1,915.39 | 1/4 | 1,636.46 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,304.22 | 1/2 | 3,025.29 | 1/2 | 2,746.36 | 1/2 | 2,467.43 | 1/2 | 2,188.51 | 1/2 | 1,909.58 | 1/2 | 1,630.65 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,298.41 | 3/4 | 3,019.48 | 3/4 | 2,740.55 | 3/4 | 2,461.62 | 3/4 | 2,182.70 | 3/4 | 1,903.77 | 3/4 | 1,624.84 | | |
| 9 | | 9 | | 9 | | 9 | 3,292.59 | 9 | 3,013.67 | 9 | 2,734.74 | 9 | 2,455.81 | 9 | 2,176.88 | 9 | 1,897.95 | 9 | 1,619.03 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,286.78 | 1/4 | 3,007.86 | 1/4 | 2,728.93 | 1/4 | 2,450.00 | 1/4 | 2,171.07 | 1/4 | 1,892.14 | 1/4 | 1,613.22 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,280.97 | 1/2 | 3,002.05 | 1/2 | 2,723.12 | 1/2 | 2,444.19 | 1/2 | 2,165.26 | 1/2 | 1,886.33 | 1/2 | 1,607.41 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,275.16 | 3/4 | 2,996.24 | 3/4 | 2,717.31 | 3/4 | 2,438.38 | 3/4 | 2,159.45 | 3/4 | 1,880.52 | 3/4 | 1,601.60 | | |
| 10 | | 10 | | 10 | | 10 | 3,269.35 | 10 | 2,990.42 | 10 | 2,711.49 | 10 | 2,432.57 | 10 | 2,153.64 | 10 | 1,874.71 | 10 | 1,595.78 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,263.54 | 1/4 | 2,984.61 | 1/4 | 2,705.68 | 1/4 | 2,426.76 | 1/4 | 2,147.83 | 1/4 | 1,868.90 | 1/4 | 1,589.97 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,257.73 | 1/2 | 2,978.80 | 1/2 | 2,699.87 | 1/2 | 2,420.95 | 1/2 | 2,142.02 | 1/2 | 1,863.09 | 1/2 | 1,584.16 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,251.92 | 3/4 | 2,972.99 | 3/4 | 2,694.06 | 3/4 | 2,415.14 | 3/4 | 2,136.21 | 3/4 | 1,857.28 | 3/4 | 1,578.35 | | |
| 11 | | 11 | | 11 | | 11 | 3,246.11 | 11 | 2,967.18 | 11 | 2,688.25 | 11 | 2,409.32 | 11 | 2,130.39 | 11 | 1,851.47 | 11 | 1,572.54 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,240.30 | 1/4 | 2,961.37 | 1/4 | 2,682.44 | 1/4 | 2,403.51 | 1/4 | 2,124.58 | 1/4 | 1,845.66 | 1/4 | 1,566.73 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,234.49 | 1/2 | 2,955.56 | 1/2 | 2,676.63 | 1/2 | 2,397.70 | 1/2 | 2,118.77 | 1/2 | 1,839.85 | 1/2 | 1,560.92 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,494.26 | 3/4 | 3,228.68 | 3/4 | 2,949.75 | 3/4 | 2,670.82 | 3/4 | 2,391.89 | 3/4 | 2,112.96 | 3/4 | 1,834.04 | 3/4 | 1,555.11 |

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 10'-09" OFF CENTERLINE AND 34'-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 "HTCO 3063"

3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 1,549.29 | 0 | 1,270.37 | 0 | 992.20 | 0 | 715.85 | 0 | 438.17 | 0 | 162.85 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,543.48 | 1/4 | 1,264.56 | 1/4 | 986.45 | 1/4 | 710.06 | 1/4 | 432.38 | 1/4 | 157.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,537.67 | 1/2 | 1,258.75 | 1/2 | 980.70 | 1/2 | 704.28 | 1/2 | 426.60 | 1/2 | 151.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,531.86 | 3/4 | 1,252.94 | 3/4 | 974.96 | 3/4 | 698.49 | 3/4 | 420.81 | 3/4 | 146.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,526.05 | 1 | 1,247.12 | 1 | 969.21 | 1 | 692.71 | 1 | 415.03 | 1 | 140.50 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,520.24 | 1/4 | 1,241.31 | 1/4 | 963.46 | 1/4 | 686.92 | 1/4 | 409.24 | 1/4 | 134.91 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,514.43 | 1/2 | 1,235.50 | 1/2 | 957.71 | 1/2 | 681.14 | 1/2 | 403.46 | 1/2 | 129.32 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,508.62 | 3/4 | 1,229.69 | 3/4 | 951.96 | 3/4 | 675.35 | 3/4 | 397.67 | 3/4 | 123.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,502.81 | 2 | 1,223.88 | 2 | 946.21 | 2 | 669.57 | 2 | 391.89 | 2 | 118.15 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,497.00 | 1/4 | 1,218.07 | 1/4 | 940.46 | 1/4 | 663.78 | 1/4 | 386.10 | 1/4 | 112.56 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,491.19 | 1/2 | 1,212.26 | 1/2 | 934.71 | 1/2 | 658.00 | 1/2 | 380.32 | 1/2 | 106.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,485.38 | 3/4 | 1,206.45 | 3/4 | 928.97 | 3/4 | 652.21 | 3/4 | 374.53 | 3/4 | 101.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,479.56 | 3 | 1,200.63 | 3 | 923.22 | 3 | 646.43 | 3 | 368.75 | 3 | 95.65 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,473.75 | 1/4 | 1,194.82 | 1/4 | 917.47 | 1/4 | 640.64 | 1/4 | 362.96 | 1/4 | 90.01 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,467.94 | 1/2 | 1,189.01 | 1/2 | 911.72 | 1/2 | 634.86 | 1/2 | 357.18 | 1/2 | 84.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,462.13 | 3/4 | 1,183.20 | 3/4 | 905.98 | 3/4 | 629.07 | 3/4 | 351.39 | 3/4 | 78.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,456.32 | 4 | 1,177.39 | 4 | 900.23 | 4 | 623.29 | 4 | 345.61 | 4 | 72.66 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,450.51 | 1/4 | 1,171.58 | 1/4 | 894.48 | 1/4 | 617.50 | 1/4 | 339.82 | 1/4 | 66.87 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,444.70 | 1/2 | 1,165.77 | 1/2 | 888.73 | 1/2 | 611.72 | 1/2 | 333.96 | 1/2 | 61.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,438.89 | 3/4 | 1,159.96 | 3/4 | 882.99 | 3/4 | 605.93 | 3/4 | 328.10 | 3/4 | 55.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,433.07 | 5 | 1,154.15 | 5 | 877.24 | 5 | 600.15 | 5 | 322.24 | 5 | 49.52 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,427.26 | 1/4 | 1,148.34 | 1/4 | 871.49 | 1/4 | 594.36 | 1/4 | 316.38 | 1/4 | 43.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,421.45 | 1/2 | 1,142.53 | 1/2 | 865.74 | 1/2 | 588.58 | 1/2 | 310.67 | 1/2 | 38.86 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,415.64 | 3/4 | 1,136.72 | 3/4 | 860.00 | 3/4 | 582.79 | 3/4 | 304.96 | 3/4 | 34.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,409.83 | 6 | 1,130.90 | 6 | 854.25 | 6 | 577.01 | 6 | 299.25 | 6 | 29.13 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,404.02 | 1/4 | 1,125.09 | 1/4 | 848.50 | 1/4 | 571.22 | 1/4 | 293.54 | 1/4 | 24.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,398.21 | 1/2 | 1,119.28 | 1/2 | 842.75 | 1/2 | 565.44 | 1/2 | 287.76 | 1/2 | 20.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,392.40 | 3/4 | 1,113.47 | 3/4 | 837.00 | 3/4 | 559.65 | 3/4 | 281.97 | 3/4 | 17.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,386.59 | 7 | 1,107.66 | 7 | 831.25 | 7 | 553.87 | 7 | 276.19 | 7 | 13.84 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,380.78 | 1/4 | 1,101.85 | 1/4 | 825.50 | 1/4 | 548.08 | 1/4 | 270.40 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,374.97 | 1/2 | 1,096.04 | 1/2 | 819.78 | 1/2 | 542.30 | 1/2 | 264.62 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,369.16 | 3/4 | 1,090.23 | 3/4 | 814.06 | 3/4 | 536.51 | 3/4 | 258.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,363.34 | 8 | 1,084.41 | 8 | 808.33 | 8 | 530.73 | 8 | 253.05 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,357.53 | 1/4 | 1,078.60 | 1/4 | 802.61 | 1/4 | 524.94 | 1/4 | 247.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,351.72 | 1/2 | 1,072.81 | 1/2 | 796.83 | 1/2 | 519.16 | 1/2 | 241.53 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,345.91 | 3/4 | 1,067.01 | 3/4 | 791.05 | 3/4 | 513.37 | 3/4 | 235.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,340.10 | 9 | 1,061.22 | 9 | 785.26 | 9 | 507.59 | 9 | 230.06 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,334.29 | 1/4 | 1,055.42 | 1/4 | 779.48 | 1/4 | 501.80 | 1/4 | 224.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,328.48 | 1/2 | 1,049.67 | 1/2 | 773.70 | 1/2 | 496.02 | 1/2 | 218.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,322.67 | 3/4 | 1,043.93 | 3/4 | 767.91 | 3/4 | 490.23 | 3/4 | 213.15 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,316.85 | 10 | 1,038.18 | 10 | 762.13 | 10 | 484.45 | 10 | 207.56 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,311.04 | 1/4 | 1,032.43 | 1/4 | 756.34 | 1/4 | 478.66 | 1/4 | 201.97 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,305.23 | 1/2 | 1,026.68 | 1/2 | 750.56 | 1/2 | 472.88 | 1/2 | 196.38 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,299.42 | 3/4 | 1,020.94 | 3/4 | 744.77 | 3/4 | 467.09 | 3/4 | 190.80 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,293.61 | 11 | 1,015.19 | 11 | 738.99 | 11 | 461.31 | 11 | 185.21 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,287.80 | 1/4 | 1,009.44 | 1/4 | 733.20 | 1/4 | 455.52 | 1/4 | 179.62 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,281.99 | 1/2 | 1,003.69 | 1/2 | 727.42 | 1/2 | 449.74 | 1/2 | 174.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,276.18 | 3/4 | 997.95 | 3/4 | 721.63 | 3/4 | 443.95 | 3/4 | 168.44 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "HTCO 3063"

3 STBD ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | | 0 | | 0 | | 0 | 3,234.49 | 0 | 2,955.56 | 0 | 2,676.63 | 0 | 2,397.70 | 0 | 2,118.77 | 0 | 1,839.85 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,494.26 | 1/4 | 3,228.68 | 1/4 | 2,949.75 | 1/4 | 2,670.82 | 1/4 | 2,391.89 | 1/4 | 2,112.96 | 1/4 | 1,834.04 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,490.99 | 1/2 | 3,222.86 | 1/2 | 2,943.93 | 1/2 | 2,665.01 | 1/2 | 2,386.08 | 1/2 | 2,107.15 | 1/2 | 1,828.22 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,487.72 | 3/4 | 3,217.05 | 3/4 | 2,938.12 | 3/4 | 2,659.20 | 3/4 | 2,380.27 | 3/4 | 2,101.34 | 3/4 | 1,822.41 |
| 1 | | 1 | | 1 | | 1 | 3,483.45 | 1 | 3,211.24 | 1 | 2,932.31 | 1 | 2,653.39 | 1 | 2,374.46 | 1 | 2,095.53 | 1 | 1,816.60 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,479.17 | 1/4 | 3,205.43 | 1/4 | 2,926.50 | 1/4 | 2,647.58 | 1/4 | 2,368.65 | 1/4 | 2,089.72 | 1/4 | 1,810.79 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,474.90 | 1/2 | 3,199.62 | 1/2 | 2,920.69 | 1/2 | 2,641.76 | 1/2 | 2,362.83 | 1/2 | 2,083.91 | 1/2 | 1,804.98 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,470.62 | 3/4 | 3,193.81 | 3/4 | 2,914.88 | 3/4 | 2,635.95 | 3/4 | 2,357.02 | 3/4 | 2,078.10 | 3/4 | 1,799.17 |
| 2 | | 2 | | 2 | | 2 | 3,465.34 | 2 | 3,188.00 | 2 | 2,909.07 | 2 | 2,630.14 | 2 | 2,351.21 | 2 | 2,072.29 | 2 | 1,793.36 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,460.06 | 1/4 | 3,182.19 | 1/4 | 2,903.26 | 1/4 | 2,624.33 | 1/4 | 2,345.40 | 1/4 | 2,066.48 | 1/4 | 1,787.55 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,454.77 | 1/2 | 3,176.37 | 1/2 | 2,897.45 | 1/2 | 2,618.52 | 1/2 | 2,339.59 | 1/2 | 2,060.66 | 1/2 | 1,781.73 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,449.49 | 3/4 | 3,170.56 | 3/4 | 2,891.64 | 3/4 | 2,612.71 | 3/4 | 2,333.78 | 3/4 | 2,054.85 | 3/4 | 1,775.92 |
| 3 | | 3 | | 3 | | 3 | 3,443.68 | 3 | 3,164.75 | 3 | 2,885.83 | 3 | 2,606.90 | 3 | 2,327.97 | 3 | 2,049.04 | 3 | 1,770.11 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,437.87 | 1/4 | 3,158.94 | 1/4 | 2,880.02 | 1/4 | 2,601.09 | 1/4 | 2,322.16 | 1/4 | 2,043.23 | 1/4 | 1,764.30 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,432.06 | 1/2 | 3,153.13 | 1/2 | 2,874.20 | 1/2 | 2,595.27 | 1/2 | 2,316.35 | 1/2 | 2,037.42 | 1/2 | 1,758.49 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,426.25 | 3/4 | 3,147.32 | 3/4 | 2,868.39 | 3/4 | 2,589.46 | 3/4 | 2,310.54 | 3/4 | 2,031.61 | 3/4 | 1,752.68 |
| 4 | | 4 | | 4 | | 4 | 3,420.44 | 4 | 3,141.51 | 4 | 2,862.58 | 4 | 2,583.65 | 4 | 2,304.73 | 4 | 2,025.80 | 4 | 1,746.87 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,414.63 | 1/4 | 3,135.70 | 1/4 | 2,856.77 | 1/4 | 2,577.84 | 1/4 | 2,298.92 | 1/4 | 2,019.99 | 1/4 | 1,741.06 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,408.81 | 1/2 | 3,129.89 | 1/2 | 2,850.96 | 1/2 | 2,572.03 | 1/2 | 2,293.10 | 1/2 | 2,014.17 | 1/2 | 1,735.25 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,403.00 | 3/4 | 3,124.08 | 3/4 | 2,845.15 | 3/4 | 2,566.22 | 3/4 | 2,287.29 | 3/4 | 2,008.36 | 3/4 | 1,729.44 |
| 5 | | 5 | | 5 | | 5 | 3,397.19 | 5 | 3,118.27 | 5 | 2,839.34 | 5 | 2,560.41 | 5 | 2,281.48 | 5 | 2,002.55 | 5 | 1,723.63 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,391.38 | 1/4 | 3,112.46 | 1/4 | 2,833.53 | 1/4 | 2,554.60 | 1/4 | 2,275.67 | 1/4 | 1,996.74 | 1/4 | 1,717.82 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,385.57 | 1/2 | 3,106.64 | 1/2 | 2,827.71 | 1/2 | 2,548.79 | 1/2 | 2,269.86 | 1/2 | 1,990.93 | 1/2 | 1,712.00 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,379.76 | 3/4 | 3,100.83 | 3/4 | 2,821.90 | 3/4 | 2,542.98 | 3/4 | 2,264.05 | 3/4 | 1,985.12 | 3/4 | 1,706.19 |
| 6 | | 6 | | 6 | | 6 | 3,373.95 | 6 | 3,095.02 | 6 | 2,816.09 | 6 | 2,537.17 | 6 | 2,258.24 | 6 | 1,979.31 | 6 | 1,700.38 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,368.14 | 1/4 | 3,089.21 | 1/4 | 2,810.28 | 1/4 | 2,531.36 | 1/4 | 2,252.43 | 1/4 | 1,973.50 | 1/4 | 1,694.57 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,362.33 | 1/2 | 3,083.40 | 1/2 | 2,804.47 | 1/2 | 2,525.54 | 1/2 | 2,246.61 | 1/2 | 1,967.69 | 1/2 | 1,688.76 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,356.52 | 3/4 | 3,077.59 | 3/4 | 2,798.66 | 3/4 | 2,519.73 | 3/4 | 2,240.80 | 3/4 | 1,961.88 | 3/4 | 1,682.95 |
| 7 | | 7 | | 7 | | 7 | 3,350.71 | 7 | 3,071.78 | 7 | 2,792.85 | 7 | 2,513.92 | 7 | 2,234.99 | 7 | 1,956.07 | 7 | 1,677.14 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,344.90 | 1/4 | 3,065.97 | 1/4 | 2,787.04 | 1/4 | 2,508.11 | 1/4 | 2,229.18 | 1/4 | 1,950.26 | 1/4 | 1,671.33 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,339.08 | 1/2 | 3,060.15 | 1/2 | 2,781.23 | 1/2 | 2,502.30 | 1/2 | 2,223.37 | 1/2 | 1,944.44 | 1/2 | 1,665.51 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,333.27 | 3/4 | 3,054.34 | 3/4 | 2,775.42 | 3/4 | 2,496.49 | 3/4 | 2,217.56 | 3/4 | 1,938.63 | 3/4 | 1,659.70 |
| 8 | | 8 | | 8 | | 8 | 3,327.46 | 8 | 3,048.53 | 8 | 2,769.61 | 8 | 2,490.68 | 8 | 2,211.75 | 8 | 1,932.82 | 8 | 1,653.89 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,321.65 | 1/4 | 3,042.72 | 1/4 | 2,763.80 | 1/4 | 2,484.87 | 1/4 | 2,205.94 | 1/4 | 1,927.01 | 1/4 | 1,648.08 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,315.84 | 1/2 | 3,036.91 | 1/2 | 2,757.98 | 1/2 | 2,479.05 | 1/2 | 2,200.13 | 1/2 | 1,921.20 | 1/2 | 1,642.27 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,310.03 | 3/4 | 3,031.10 | 3/4 | 2,752.17 | 3/4 | 2,473.24 | 3/4 | 2,194.32 | 3/4 | 1,915.39 | 3/4 | 1,636.46 |
| 9 | | 9 | | 9 | | 9 | 3,304.22 | 9 | 3,025.29 | 9 | 2,746.36 | 9 | 2,467.43 | 9 | 2,188.51 | 9 | 1,909.58 | 9 | 1,630.65 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,298.41 | 1/4 | 3,019.48 | 1/4 | 2,740.55 | 1/4 | 2,461.62 | 1/4 | 2,182.70 | 1/4 | 1,903.77 | 1/4 | 1,624.84 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,292.59 | 1/2 | 3,013.67 | 1/2 | 2,734.74 | 1/2 | 2,455.81 | 1/2 | 2,176.88 | 1/2 | 1,897.95 | 1/2 | 1,619.03 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,286.78 | 3/4 | 3,007.86 | 3/4 | 2,728.93 | 3/4 | 2,450.00 | 3/4 | 2,171.07 | 3/4 | 1,892.14 | 3/4 | 1,613.22 |
| 10 | | 10 | | 10 | | 10 | 3,280.97 | 10 | 3,002.05 | 10 | 2,723.12 | 10 | 2,444.19 | 10 | 2,165.26 | 10 | 1,886.33 | 10 | 1,607.41 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,275.16 | 1/4 | 2,996.24 | 1/4 | 2,717.31 | 1/4 | 2,438.38 | 1/4 | 2,159.45 | 1/4 | 1,880.52 | 1/4 | 1,601.60 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,269.35 | 1/2 | 2,990.42 | 1/2 | 2,711.49 | 1/2 | 2,432.57 | 1/2 | 2,153.64 | 1/2 | 1,874.71 | 1/2 | 1,595.78 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,263.54 | 3/4 | 2,984.61 | 3/4 | 2,705.68 | 3/4 | 2,426.76 | 3/4 | 2,147.83 | 3/4 | 1,868.90 | 3/4 | 1,589.97 |
| 11 | | 11 | | 11 | | 11 | 3,257.73 | 11 | 2,978.80 | 11 | 2,699.87 | 11 | 2,420.95 | 11 | 2,142.02 | 11 | 1,863.09 | 11 | 1,584.16 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,251.92 | 1/4 | 2,972.99 | 1/4 | 2,694.06 | 1/4 | 2,415.14 | 1/4 | 2,136.21 | 1/4 | 1,857.28 | 1/4 | 1,578.35 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,246.11 | 1/2 | 2,967.18 | 1/2 | 2,688.25 | 1/2 | 2,409.32 | 1/2 | 2,130.39 | 1/2 | 1,851.47 | 1/2 | 1,572.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,240.30 | 3/4 | 2,961.37 | 3/4 | 2,682.44 | 3/4 | 2,403.51 | 3/4 | 2,124.58 | 3/4 | 1,845.66 | 3/4 | 1,566.73 |

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 10'-09" OFF CENTERLINE AND 34'-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 "HTCO 3063"

3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,560.92 | 0 | 1,281.99 | 0 | 1,003.69 | 0 | 727.42 | 0 | 449.74 | 0 | 174.03 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,555.11 | 1/4 | 1,276.18 | 1/4 | 997.95 | 1/4 | 721.63 | 1/4 | 443.95 | 1/4 | 168.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,549.29 | 1/2 | 1,270.37 | 1/2 | 992.20 | 1/2 | 715.85 | 1/2 | 438.17 | 1/2 | 162.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,543.48 | 3/4 | 1,264.56 | 3/4 | 986.45 | 3/4 | 710.06 | 3/4 | 432.38 | 3/4 | 157.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,537.67 | 1 | 1,258.75 | 1 | 980.70 | 1 | 704.28 | 1 | 426.60 | 1 | 151.67 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,531.86 | 1/4 | 1,252.94 | 1/4 | 974.96 | 1/4 | 698.49 | 1/4 | 420.81 | 1/4 | 146.09 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,526.05 | 1/2 | 1,247.12 | 1/2 | 969.21 | 1/2 | 692.71 | 1/2 | 415.03 | 1/2 | 140.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,520.24 | 3/4 | 1,241.31 | 3/4 | 963.46 | 3/4 | 686.92 | 3/4 | 409.24 | 3/4 | 134.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,514.43 | 2 | 1,235.50 | 2 | 957.71 | 2 | 681.14 | 2 | 403.46 | 2 | 129.32 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,508.62 | 1/4 | 1,229.69 | 1/4 | 951.96 | 1/4 | 675.35 | 1/4 | 397.67 | 1/4 | 123.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,502.81 | 1/2 | 1,223.88 | 1/2 | 946.21 | 1/2 | 669.57 | 1/2 | 391.89 | 1/2 | 118.15 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,497.00 | 3/4 | 1,218.07 | 3/4 | 940.46 | 3/4 | 663.78 | 3/4 | 386.10 | 3/4 | 112.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,491.19 | 3 | 1,212.26 | 3 | 934.71 | 3 | 658.00 | 3 | 380.32 | 3 | 106.92 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,485.38 | 1/4 | 1,206.45 | 1/4 | 928.97 | 1/4 | 652.21 | 1/4 | 374.53 | 1/4 | 101.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,479.56 | 1/2 | 1,200.63 | 1/2 | 923.22 | 1/2 | 646.43 | 1/2 | 368.75 | 1/2 | 95.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,473.75 | 3/4 | 1,194.82 | 3/4 | 917.47 | 3/4 | 640.64 | 3/4 | 362.96 | 3/4 | 90.01 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,467.94 | 4 | 1,189.01 | 4 | 911.72 | 4 | 634.86 | 4 | 357.18 | 4 | 84.23 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,462.13 | 1/4 | 1,183.20 | 1/4 | 905.98 | 1/4 | 629.07 | 1/4 | 351.39 | 1/4 | 78.44 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,456.32 | 1/2 | 1,177.39 | 1/2 | 900.23 | 1/2 | 623.29 | 1/2 | 345.61 | 1/2 | 72.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,450.51 | 3/4 | 1,171.58 | 3/4 | 894.48 | 3/4 | 617.50 | 3/4 | 339.82 | 3/4 | 66.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,444.70 | 5 | 1,165.77 | 5 | 888.73 | 5 | 611.72 | 5 | 333.96 | 5 | 61.09 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,438.89 | 1/4 | 1,159.96 | 1/4 | 882.99 | 1/4 | 605.93 | 1/4 | 328.10 | 1/4 | 55.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,433.07 | 1/2 | 1,154.15 | 1/2 | 877.24 | 1/2 | 600.15 | 1/2 | 322.24 | 1/2 | 49.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,427.26 | 3/4 | 1,148.34 | 3/4 | 871.49 | 3/4 | 594.36 | 3/4 | 316.38 | 3/4 | 43.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,421.45 | 6 | 1,142.53 | 6 | 865.74 | 6 | 588.58 | 6 | 310.67 | 6 | 38.86 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,415.64 | 1/4 | 1,136.72 | 1/4 | 860.00 | 1/4 | 582.79 | 1/4 | 304.96 | 1/4 | 34.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,409.83 | 1/2 | 1,130.90 | 1/2 | 854.25 | 1/2 | 577.01 | 1/2 | 299.25 | 1/2 | 29.13 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,404.02 | 3/4 | 1,125.09 | 3/4 | 848.50 | 3/4 | 571.22 | 3/4 | 293.54 | 3/4 | 24.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,398.21 | 7 | 1,119.28 | 7 | 842.75 | 7 | 565.44 | 7 | 287.76 | 7 | 20.79 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,392.40 | 1/4 | 1,113.47 | 1/4 | 837.00 | 1/4 | 559.65 | 1/4 | 281.97 | 1/4 | 17.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,386.59 | 1/2 | 1,107.66 | 1/2 | 831.25 | 1/2 | 553.87 | 1/2 | 276.19 | 1/2 | 13.84 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,380.78 | 3/4 | 1,101.85 | 3/4 | 825.50 | 3/4 | 548.08 | 3/4 | 270.40 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,374.97 | 8 | 1,096.04 | 8 | 819.78 | 8 | 542.30 | 8 | 264.62 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,369.16 | 1/4 | 1,090.23 | 1/4 | 814.06 | 1/4 | 536.51 | 1/4 | 258.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,363.34 | 1/2 | 1,084.41 | 1/2 | 808.33 | 1/2 | 530.73 | 1/2 | 253.05 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,357.53 | 3/4 | 1,078.60 | 3/4 | 802.61 | 3/4 | 524.94 | 3/4 | 247.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,351.72 | 9 | 1,072.81 | 9 | 796.83 | 9 | 519.16 | 9 | 241.53 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,345.91 | 1/4 | 1,067.01 | 1/4 | 791.05 | 1/4 | 513.37 | 1/4 | 235.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,340.10 | 1/2 | 1,061.22 | 1/2 | 785.26 | 1/2 | 507.59 | 1/2 | 230.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,334.29 | 3/4 | 1,055.42 | 3/4 | 779.48 | 3/4 | 501.80 | 3/4 | 224.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,328.48 | 10 | 1,049.67 | 10 | 773.70 | 10 | 496.02 | 10 | 218.73 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,322.67 | 1/4 | 1,043.93 | 1/4 | 767.91 | 1/4 | 490.23 | 1/4 | 213.15 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,316.85 | 1/2 | 1,038.18 | 1/2 | 762.13 | 1/2 | 484.45 | 1/2 | 207.56 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,311.04 | 3/4 | 1,032.43 | 3/4 | 756.34 | 3/4 | 478.66 | 3/4 | 201.97 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,305.23 | 11 | 1,026.68 | 11 | 750.56 | 11 | 472.88 | 11 | 196.38 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,299.42 | 1/4 | 1,020.94 | 1/4 | 744.77 | 1/4 | 467.09 | 1/4 | 190.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,293.61 | 1/2 | 1,015.19 | 1/2 | 738.99 | 1/2 | 461.31 | 1/2 | 185.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,287.80 | 3/4 | 1,009.44 | 3/4 | 733.20 | 3/4 | 455.52 | 3/4 | 179.62 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "HTCO 3063"

4 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| 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 | 3,157.42 | 0 | 3,060.84 | 0 | 2,925.79 | 0 | 2,648.45 | 0 | 2,370.39 | 0 | 2,092.32 | 0 | 1,814.26 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,155.88 | 1/4 | 3,058.77 | 1/4 | 2,920.18 | 1/4 | 2,642.66 | 1/4 | 2,364.60 | 1/4 | 2,086.53 | 1/4 | 1,808.47 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,154.35 | 1/2 | 3,056.70 | 1/2 | 2,914.57 | 1/2 | 2,636.87 | 1/2 | 2,358.80 | 1/2 | 2,080.74 | 1/2 | 1,802.68 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,152.82 | 3/4 | 3,054.63 | 3/4 | 2,908.96 | 3/4 | 2,631.08 | 3/4 | 2,353.01 | 3/4 | 2,074.95 | 3/4 | 1,796.89 | | |
| 1 | | 1 | | 1 | | 1 | 3,151.29 | 1 | 3,052.55 | 1 | 2,903.34 | 1 | 2,625.28 | 1 | 2,347.21 | 1 | 2,069.15 | 1 | 1,791.09 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,149.40 | 1/4 | 3,050.48 | 1/4 | 2,897.55 | 1/4 | 2,619.49 | 1/4 | 2,341.42 | 1/4 | 2,063.36 | 1/4 | 1,785.30 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,147.51 | 1/2 | 3,048.41 | 1/2 | 2,891.76 | 1/2 | 2,613.70 | 1/2 | 2,335.63 | 1/2 | 2,057.57 | 1/2 | 1,779.50 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,145.62 | 3/4 | 3,046.34 | 3/4 | 2,885.97 | 3/4 | 2,607.91 | 3/4 | 2,329.84 | 3/4 | 2,051.78 | 3/4 | 1,773.71 | | |
| 2 | | 2 | | 2 | | 2 | 3,143.73 | 2 | 3,044.26 | 2 | 2,880.17 | 2 | 2,602.11 | 2 | 2,324.04 | 2 | 2,045.98 | 2 | 1,767.91 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,141.65 | 1/4 | 3,042.19 | 1/4 | 2,874.38 | 1/4 | 2,596.32 | 1/4 | 2,318.25 | 1/4 | 2,040.19 | 1/4 | 1,762.12 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,139.58 | 1/2 | 3,040.12 | 1/2 | 2,868.59 | 1/2 | 2,590.52 | 1/2 | 2,312.46 | 1/2 | 2,034.40 | 1/2 | 1,756.33 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,137.51 | 3/4 | 3,038.05 | 3/4 | 2,862.80 | 3/4 | 2,584.73 | 3/4 | 2,306.67 | 3/4 | 2,028.61 | 3/4 | 1,750.54 | | |
| 3 | | 3 | | 3 | | 3 | 3,135.44 | 3 | 3,035.97 | 3 | 2,857.00 | 3 | 2,578.93 | 3 | 2,300.87 | 3 | 2,022.81 | 3 | 1,744.74 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,133.36 | 1/4 | 3,033.90 | 1/4 | 2,851.21 | 1/4 | 2,573.14 | 1/4 | 2,295.08 | 1/4 | 2,017.02 | 1/4 | 1,738.95 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,131.29 | 1/2 | 3,031.83 | 1/2 | 2,845.42 | 1/2 | 2,567.35 | 1/2 | 2,289.29 | 1/2 | 2,011.22 | 1/2 | 1,733.16 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,129.22 | 3/4 | 3,029.76 | 3/4 | 2,839.63 | 3/4 | 2,561.56 | 3/4 | 2,283.50 | 3/4 | 2,005.43 | 3/4 | 1,727.37 | | |
| 4 | | 4 | | 4 | | 4 | 3,127.15 | 4 | 3,027.68 | 4 | 2,833.83 | 4 | 2,555.76 | 4 | 2,277.70 | 4 | 1,999.63 | 4 | 1,721.57 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,125.07 | 1/4 | 3,025.61 | 1/4 | 2,828.04 | 1/4 | 2,549.97 | 1/4 | 2,271.91 | 1/4 | 1,993.84 | 1/4 | 1,715.78 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,123.00 | 1/2 | 3,023.54 | 1/2 | 2,822.24 | 1/2 | 2,544.18 | 1/2 | 2,266.12 | 1/2 | 1,988.05 | 1/2 | 1,709.99 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,120.93 | 3/4 | 3,021.47 | 3/4 | 2,816.45 | 3/4 | 2,538.39 | 3/4 | 2,260.33 | 3/4 | 1,982.26 | 3/4 | 1,704.20 | | |
| 5 | | 5 | | 5 | | 5 | 3,118.86 | 5 | 3,019.40 | 5 | 2,810.65 | 5 | 2,532.59 | 5 | 2,254.53 | 5 | 1,976.46 | 5 | 1,698.40 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,116.78 | 1/4 | 3,017.33 | 1/4 | 2,804.86 | 1/4 | 2,526.80 | 1/4 | 2,248.74 | 1/4 | 1,970.67 | 1/4 | 1,692.61 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,114.71 | 1/2 | 3,015.26 | 1/2 | 2,799.07 | 1/2 | 2,521.01 | 1/2 | 2,242.94 | 1/2 | 1,964.88 | 1/2 | 1,686.82 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,112.64 | 3/4 | 3,013.19 | 3/4 | 2,793.28 | 3/4 | 2,515.22 | 3/4 | 2,237.15 | 3/4 | 1,959.09 | 3/4 | 1,681.03 | | |
| 6 | | 6 | | 6 | | 6 | 3,110.57 | 6 | 3,011.11 | 6 | 2,787.48 | 6 | 2,509.42 | 6 | 2,231.35 | 6 | 1,953.29 | 6 | 1,675.23 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,108.50 | 1/4 | 3,008.98 | 1/4 | 2,781.69 | 1/4 | 2,503.63 | 1/4 | 2,225.56 | 1/4 | 1,947.50 | 1/4 | 1,669.44 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,106.43 | 1/2 | 3,006.85 | 1/2 | 2,775.90 | 1/2 | 2,497.84 | 1/2 | 2,219.77 | 1/2 | 1,941.71 | 1/2 | 1,663.64 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,104.36 | 3/4 | 3,004.72 | 3/4 | 2,770.11 | 3/4 | 2,492.05 | 3/4 | 2,213.98 | 3/4 | 1,935.92 | 3/4 | 1,657.85 | | |
| 7 | | 7 | | 7 | | 7 | 3,102.29 | 7 | 3,002.58 | 7 | 2,764.31 | 7 | 2,486.25 | 7 | 2,208.18 | 7 | 1,930.12 | 7 | 1,652.05 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,100.21 | 1/4 | 2,999.99 | 1/4 | 2,758.52 | 1/4 | 2,480.46 | 1/4 | 2,202.39 | 1/4 | 1,924.33 | 1/4 | 1,646.26 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,098.14 | 1/2 | 2,997.40 | 1/2 | 2,752.73 | 1/2 | 2,474.66 | 1/2 | 2,196.60 | 1/2 | 1,918.54 | 1/2 | 1,640.47 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,096.07 | 3/4 | 2,994.81 | 3/4 | 2,746.94 | 3/4 | 2,468.87 | 3/4 | 2,190.81 | 3/4 | 1,912.75 | 3/4 | 1,634.68 | | |
| 8 | | 8 | | 8 | | 8 | 3,094.00 | 8 | 2,992.21 | 8 | 2,741.14 | 8 | 2,463.07 | 8 | 2,185.01 | 8 | 1,906.95 | 8 | 1,628.88 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,091.92 | 1/4 | 2,989.02 | 1/4 | 2,735.35 | 1/4 | 2,457.28 | 1/4 | 2,179.22 | 1/4 | 1,901.16 | 1/4 | 1,622.84 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,089.85 | 1/2 | 2,985.83 | 1/2 | 2,729.56 | 1/2 | 2,451.49 | 1/2 | 2,173.43 | 1/2 | 1,895.36 | 1/2 | 1,616.80 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,087.78 | 3/4 | 2,982.64 | 3/4 | 2,723.77 | 3/4 | 2,445.70 | 3/4 | 2,167.64 | 3/4 | 1,889.57 | 3/4 | 1,610.76 | | |
| 9 | | 9 | | 9 | | 9 | 3,085.71 | 9 | 2,979.44 | 9 | 2,717.97 | 9 | 2,439.90 | 9 | 2,161.84 | 9 | 1,883.77 | 9 | 1,604.71 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,083.63 | 1/4 | 2,975.61 | 1/4 | 2,712.18 | 1/4 | 2,434.11 | 1/4 | 2,156.05 | 1/4 | 1,877.98 | 1/4 | 1,599.17 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,081.56 | 1/2 | 2,971.78 | 1/2 | 2,706.38 | 1/2 | 2,428.32 | 1/2 | 2,150.26 | 1/2 | 1,872.19 | 1/2 | 1,593.63 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,079.49 | 3/4 | 2,967.95 | 3/4 | 2,700.59 | 3/4 | 2,422.53 | 3/4 | 2,144.47 | 3/4 | 1,866.40 | 3/4 | 1,588.09 | | |
| 10 | | 10 | | 10 | | 10 | 3,077.41 | 10 | 2,964.12 | 10 | 2,694.79 | 10 | 2,416.73 | 10 | 2,138.67 | 10 | 1,860.60 | 10 | 1,582.54 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,075.34 | 1/4 | 2,959.65 | 1/4 | 2,689.00 | 1/4 | 2,410.94 | 1/4 | 2,132.88 | 1/4 | 1,854.81 | 1/4 | 1,576.75 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,073.27 | 1/2 | 2,955.18 | 1/2 | 2,683.21 | 1/2 | 2,405.15 | 1/2 | 2,127.08 | 1/2 | 1,849.02 | 1/2 | 1,570.96 | | |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,071.20 | 3/4 | 2,950.71 | 3/4 | 2,677.42 | 3/4 | 2,399.36 | 3/4 | 2,121.29 | 3/4 | 1,843.23 | 3/4 | 1,565.17 | | |
| 11 | | 11 | | 11 | | 11 | 3,069.12 | 11 | 2,946.23 | 11 | 2,671.62 | 11 | 2,393.56 | 11 | 2,115.49 | 11 | 1,837.43 | 11 | 1,559.37 | | |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,067.05 | 1/4 | 2,941.12 | 1/4 | 2,665.83 | 1/4 | 2,387.77 | 1/4 | 2,109.70 | 1/4 | 1,831.64 | 1/4 | 1,553.58 | | |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,159.76 | 1/2 | 3,064.98 | 1/2 | 2,936.01 | 1/2 | 2,660.04 | 1/2 | 2,381.98 | 1/2 | 2,103.91 | 1/2 | 1,825.85 | 1/2 | 1,547.78 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,158.59 | 3/4 | 3,062.91 | 3/4 | 2,930.90 | 3/4 | 2,654.25 | 3/4 | 2,376.19 | 3/4 | 2,098.12 | 3/4 | 1,820.06 | 3/4 | 1,541.99 |

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 10'-09" OFF CENTERLINE AND 46'-09" 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 "HTCO 3063"

4 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,536.19 | 0 | 1,258.13 | 0 | 981.07 | 0 | 706.24 | 0 | 430.20 | 0 | 156.50 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,530.40 | 1/4 | 1,252.34 | 1/4 | 975.36 | 1/4 | 700.49 | 1/4 | 424.45 | 1/4 | 150.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,524.61 | 1/2 | 1,246.55 | 1/2 | 969.64 | 1/2 | 694.74 | 1/2 | 418.70 | 1/2 | 145.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,518.82 | 3/4 | 1,240.76 | 3/4 | 963.92 | 3/4 | 688.99 | 3/4 | 412.95 | 3/4 | 139.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,513.02 | 1 | 1,234.96 | 1 | 958.20 | 1 | 683.24 | 1 | 407.19 | 1 | 134.22 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,507.23 | 1/4 | 1,229.17 | 1/4 | 952.49 | 1/4 | 677.49 | 1/4 | 401.44 | 1/4 | 128.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,501.44 | 1/2 | 1,223.38 | 1/2 | 946.77 | 1/2 | 671.74 | 1/2 | 395.69 | 1/2 | 123.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,495.65 | 3/4 | 1,217.59 | 3/4 | 941.06 | 3/4 | 665.99 | 3/4 | 389.94 | 3/4 | 117.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,489.85 | 2 | 1,211.79 | 2 | 935.34 | 2 | 660.24 | 2 | 384.19 | 2 | 111.94 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,484.06 | 1/4 | 1,206.00 | 1/4 | 929.63 | 1/4 | 654.49 | 1/4 | 378.44 | 1/4 | 106.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,478.27 | 1/2 | 1,200.20 | 1/2 | 923.91 | 1/2 | 648.74 | 1/2 | 372.69 | 1/2 | 100.71 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,472.48 | 3/4 | 1,194.41 | 3/4 | 918.19 | 3/4 | 642.99 | 3/4 | 366.94 | 3/4 | 95.10 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,466.68 | 3 | 1,188.61 | 3 | 912.47 | 3 | 637.23 | 3 | 361.18 | 3 | 89.48 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,460.89 | 1/4 | 1,182.82 | 1/4 | 906.76 | 1/4 | 631.48 | 1/4 | 355.43 | 1/4 | 83.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,455.10 | 1/2 | 1,177.03 | 1/2 | 901.04 | 1/2 | 625.73 | 1/2 | 349.68 | 1/2 | 77.98 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,449.31 | 3/4 | 1,171.24 | 3/4 | 895.33 | 3/4 | 619.98 | 3/4 | 343.93 | 3/4 | 72.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,443.51 | 4 | 1,165.44 | 4 | 889.61 | 4 | 614.23 | 4 | 338.18 | 4 | 66.48 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,437.72 | 1/4 | 1,159.65 | 1/4 | 883.90 | 1/4 | 608.48 | 1/4 | 332.43 | 1/4 | 60.73 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,431.92 | 1/2 | 1,153.86 | 1/2 | 878.18 | 1/2 | 602.73 | 1/2 | 326.68 | 1/2 | 54.98 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,426.13 | 3/4 | 1,148.07 | 3/4 | 872.47 | 3/4 | 596.98 | 3/4 | 320.93 | 3/4 | 49.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,420.33 | 5 | 1,142.27 | 5 | 866.75 | 5 | 591.22 | 5 | 315.18 | 5 | 43.47 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,414.54 | 1/4 | 1,136.48 | 1/4 | 861.04 | 1/4 | 585.47 | 1/4 | 309.43 | 1/4 | 38.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,408.75 | 1/2 | 1,130.69 | 1/2 | 855.32 | 1/2 | 579.72 | 1/2 | 303.68 | 1/2 | 33.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,402.96 | 3/4 | 1,124.90 | 3/4 | 849.60 | 3/4 | 573.97 | 3/4 | 297.93 | 3/4 | 28.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,397.16 | 6 | 1,119.10 | 6 | 843.88 | 6 | 568.22 | 6 | 292.17 | 6 | 24.11 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,391.37 | 1/4 | 1,113.31 | 1/4 | 838.17 | 1/4 | 562.47 | 1/4 | 286.42 | 1/4 | 20.66 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,385.58 | 1/2 | 1,107.52 | 1/2 | 832.45 | 1/2 | 556.72 | 1/2 | 280.67 | 1/2 | 17.21 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,379.79 | 3/4 | 1,101.73 | 3/4 | 826.74 | 3/4 | 550.97 | 3/4 | 274.92 | 3/4 | 13.76 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,373.99 | 7 | 1,095.93 | 7 | 821.02 | 7 | 545.22 | 7 | 269.17 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,368.20 | 1/4 | 1,090.14 | 1/4 | 815.31 | 1/4 | 539.47 | 1/4 | 263.42 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,362.41 | 1/2 | 1,084.34 | 1/2 | 809.59 | 1/2 | 533.72 | 1/2 | 257.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,356.62 | 3/4 | 1,078.55 | 3/4 | 803.87 | 3/4 | 527.97 | 3/4 | 251.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,350.82 | 8 | 1,072.75 | 8 | 798.15 | 8 | 522.21 | 8 | 246.16 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,345.03 | 1/4 | 1,066.98 | 1/4 | 792.43 | 1/4 | 516.46 | 1/4 | 240.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,339.24 | 1/2 | 1,061.21 | 1/2 | 786.71 | 1/2 | 510.71 | 1/2 | 234.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,333.45 | 3/4 | 1,055.44 | 3/4 | 780.99 | 3/4 | 504.96 | 3/4 | 229.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,327.65 | 9 | 1,049.66 | 9 | 775.26 | 9 | 499.21 | 9 | 223.34 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,321.86 | 1/4 | 1,043.95 | 1/4 | 769.51 | 1/4 | 493.46 | 1/4 | 217.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,316.06 | 1/2 | 1,038.23 | 1/2 | 763.76 | 1/2 | 487.71 | 1/2 | 212.20 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,310.27 | 3/4 | 1,032.52 | 3/4 | 758.01 | 3/4 | 481.96 | 3/4 | 206.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,304.47 | 10 | 1,026.80 | 10 | 752.25 | 10 | 476.20 | 10 | 201.06 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,298.68 | 1/4 | 1,021.09 | 1/4 | 746.50 | 1/4 | 470.45 | 1/4 | 195.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,292.89 | 1/2 | 1,015.37 | 1/2 | 740.75 | 1/2 | 464.70 | 1/2 | 189.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,287.10 | 3/4 | 1,009.65 | 3/4 | 735.00 | 3/4 | 458.95 | 3/4 | 184.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,281.30 | 11 | 1,003.93 | 11 | 729.25 | 11 | 453.20 | 11 | 178.78 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,275.51 | 1/4 | 998.22 | 1/4 | 723.50 | 1/4 | 447.45 | 1/4 | 173.21 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,269.72 | 1/2 | 992.50 | 1/2 | 717.75 | 1/2 | 441.70 | 1/2 | 167.64 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,263.93 | 3/4 | 986.79 | 3/4 | 712.00 | 3/4 | 435.95 | 3/4 | 162.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "HTCO 3063"

4 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| 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 | 3,159.76 | 0 | 3,064.98 | 0 | 2,936.01 | 0 | 2,660.04 | 0 | 2,381.98 | 0 | 2,103.91 | 0 | 1,825.85 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,158.59 | 1/4 | 3,062.91 | 1/4 | 2,930.90 | 1/4 | 2,654.25 | 1/4 | 2,376.19 | 1/4 | 2,098.12 | 1/4 | 1,820.06 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,157.42 | 1/2 | 3,060.84 | 1/2 | 2,925.79 | 1/2 | 2,648.45 | 1/2 | 2,370.39 | 1/2 | 2,092.32 | 1/2 | 1,814.26 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,155.88 | 3/4 | 3,058.77 | 3/4 | 2,920.18 | 3/4 | 2,642.66 | 3/4 | 2,364.60 | 3/4 | 2,086.53 | 3/4 | 1,808.47 |
| 1 | | 1 | | 1 | | 1 | 3,154.35 | 1 | 3,056.70 | 1 | 2,914.57 | 1 | 2,636.87 | 1 | 2,358.80 | 1 | 2,080.74 | 1 | 1,802.68 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,152.82 | 1/4 | 3,054.63 | 1/4 | 2,908.96 | 1/4 | 2,631.08 | 1/4 | 2,353.01 | 1/4 | 2,074.95 | 1/4 | 1,796.89 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,151.29 | 1/2 | 3,052.55 | 1/2 | 2,903.34 | 1/2 | 2,625.28 | 1/2 | 2,347.21 | 1/2 | 2,069.15 | 1/2 | 1,791.09 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,149.40 | 3/4 | 3,050.48 | 3/4 | 2,897.55 | 3/4 | 2,619.49 | 3/4 | 2,341.42 | 3/4 | 2,063.36 | 3/4 | 1,785.30 |
| 2 | | 2 | | 2 | | 2 | 3,147.51 | 2 | 3,048.41 | 2 | 2,891.76 | 2 | 2,613.70 | 2 | 2,335.63 | 2 | 2,057.57 | 2 | 1,779.50 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,145.62 | 1/4 | 3,046.34 | 1/4 | 2,885.97 | 1/4 | 2,607.91 | 1/4 | 2,329.84 | 1/4 | 2,051.78 | 1/4 | 1,773.71 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,143.73 | 1/2 | 3,044.26 | 1/2 | 2,880.17 | 1/2 | 2,602.11 | 1/2 | 2,324.04 | 1/2 | 2,045.98 | 1/2 | 1,767.91 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,141.65 | 3/4 | 3,042.19 | 3/4 | 2,874.38 | 3/4 | 2,596.32 | 3/4 | 2,318.25 | 3/4 | 2,040.19 | 3/4 | 1,762.12 |
| 3 | | 3 | | 3 | | 3 | 3,139.58 | 3 | 3,040.12 | 3 | 2,868.59 | 3 | 2,590.52 | 3 | 2,312.46 | 3 | 2,034.40 | 3 | 1,756.33 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,137.51 | 1/4 | 3,038.05 | 1/4 | 2,862.80 | 1/4 | 2,584.73 | 1/4 | 2,306.67 | 1/4 | 2,028.61 | 1/4 | 1,750.54 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,135.44 | 1/2 | 3,035.97 | 1/2 | 2,857.00 | 1/2 | 2,578.93 | 1/2 | 2,300.87 | 1/2 | 2,022.81 | 1/2 | 1,744.74 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,133.36 | 3/4 | 3,033.90 | 3/4 | 2,851.21 | 3/4 | 2,573.14 | 3/4 | 2,295.08 | 3/4 | 2,017.02 | 3/4 | 1,738.95 |
| 4 | | 4 | | 4 | | 4 | 3,131.29 | 4 | 3,031.83 | 4 | 2,845.42 | 4 | 2,567.35 | 4 | 2,289.29 | 4 | 2,011.22 | 4 | 1,733.16 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,129.22 | 1/4 | 3,029.76 | 1/4 | 2,839.63 | 1/4 | 2,561.56 | 1/4 | 2,283.50 | 1/4 | 2,005.43 | 1/4 | 1,727.37 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,127.15 | 1/2 | 3,027.68 | 1/2 | 2,833.83 | 1/2 | 2,555.76 | 1/2 | 2,277.70 | 1/2 | 1,999.63 | 1/2 | 1,721.57 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,125.07 | 3/4 | 3,025.61 | 3/4 | 2,828.04 | 3/4 | 2,549.97 | 3/4 | 2,271.91 | 3/4 | 1,993.84 | 3/4 | 1,715.78 |
| 5 | | 5 | | 5 | | 5 | 3,123.00 | 5 | 3,023.54 | 5 | 2,822.24 | 5 | 2,544.18 | 5 | 2,266.12 | 5 | 1,988.05 | 5 | 1,709.99 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,120.93 | 1/4 | 3,021.47 | 1/4 | 2,816.45 | 1/4 | 2,538.39 | 1/4 | 2,260.33 | 1/4 | 1,982.26 | 1/4 | 1,704.20 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,118.86 | 1/2 | 3,019.40 | 1/2 | 2,810.65 | 1/2 | 2,532.59 | 1/2 | 2,254.53 | 1/2 | 1,976.46 | 1/2 | 1,698.40 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,116.78 | 3/4 | 3,017.33 | 3/4 | 2,804.86 | 3/4 | 2,526.80 | 3/4 | 2,248.74 | 3/4 | 1,970.67 | 3/4 | 1,692.61 |
| 6 | | 6 | | 6 | | 6 | 3,114.71 | 6 | 3,015.26 | 6 | 2,799.07 | 6 | 2,521.01 | 6 | 2,242.94 | 6 | 1,964.88 | 6 | 1,686.82 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,112.64 | 1/4 | 3,013.19 | 1/4 | 2,793.28 | 1/4 | 2,515.22 | 1/4 | 2,237.15 | 1/4 | 1,959.09 | 1/4 | 1,681.03 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,110.57 | 1/2 | 3,011.11 | 1/2 | 2,787.48 | 1/2 | 2,509.42 | 1/2 | 2,231.35 | 1/2 | 1,953.29 | 1/2 | 1,675.23 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,108.50 | 3/4 | 3,008.98 | 3/4 | 2,781.69 | 3/4 | 2,503.63 | 3/4 | 2,225.56 | 3/4 | 1,947.50 | 3/4 | 1,669.44 |
| 7 | | 7 | | 7 | | 7 | 3,106.43 | 7 | 3,006.85 | 7 | 2,775.90 | 7 | 2,497.84 | 7 | 2,219.77 | 7 | 1,941.71 | 7 | 1,663.64 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,104.36 | 1/4 | 3,004.72 | 1/4 | 2,770.11 | 1/4 | 2,492.05 | 1/4 | 2,213.98 | 1/4 | 1,935.92 | 1/4 | 1,657.85 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,102.29 | 1/2 | 3,002.58 | 1/2 | 2,764.31 | 1/2 | 2,486.25 | 1/2 | 2,208.18 | 1/2 | 1,930.12 | 1/2 | 1,652.05 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,100.21 | 3/4 | 2,999.99 | 3/4 | 2,758.52 | 3/4 | 2,480.46 | 3/4 | 2,202.39 | 3/4 | 1,924.33 | 3/4 | 1,646.26 |
| 8 | | 8 | | 8 | | 8 | 3,098.14 | 8 | 2,997.40 | 8 | 2,752.73 | 8 | 2,474.66 | 8 | 2,196.60 | 8 | 1,918.54 | 8 | 1,640.47 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,096.07 | 1/4 | 2,994.81 | 1/4 | 2,746.94 | 1/4 | 2,468.87 | 1/4 | 2,190.81 | 1/4 | 1,912.75 | 1/4 | 1,634.68 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,094.00 | 1/2 | 2,992.21 | 1/2 | 2,741.14 | 1/2 | 2,463.07 | 1/2 | 2,185.01 | 1/2 | 1,906.95 | 1/2 | 1,628.88 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,091.92 | 3/4 | 2,989.02 | 3/4 | 2,735.35 | 3/4 | 2,457.28 | 3/4 | 2,179.22 | 3/4 | 1,901.16 | 3/4 | 1,622.84 |
| 9 | | 9 | | 9 | | 9 | 3,089.85 | 9 | 2,985.83 | 9 | 2,729.56 | 9 | 2,451.49 | 9 | 2,173.43 | 9 | 1,895.36 | 9 | 1,616.80 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,087.78 | 1/4 | 2,982.64 | 1/4 | 2,723.77 | 1/4 | 2,445.70 | 1/4 | 2,167.64 | 1/4 | 1,889.57 | 1/4 | 1,610.76 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,085.71 | 1/2 | 2,979.44 | 1/2 | 2,717.97 | 1/2 | 2,439.90 | 1/2 | 2,161.84 | 1/2 | 1,883.77 | 1/2 | 1,604.71 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,083.63 | 3/4 | 2,975.61 | 3/4 | 2,712.18 | 3/4 | 2,434.11 | 3/4 | 2,156.05 | 3/4 | 1,877.98 | 3/4 | 1,599.17 |
| 10 | | 10 | | 10 | | 10 | 3,081.56 | 10 | 2,971.78 | 10 | 2,706.38 | 10 | 2,428.32 | 10 | 2,150.26 | 10 | 1,872.19 | 10 | 1,593.63 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,079.49 | 1/4 | 2,967.95 | 1/4 | 2,700.59 | 1/4 | 2,422.53 | 1/4 | 2,144.47 | 1/4 | 1,866.40 | 1/4 | 1,588.09 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,077.41 | 1/2 | 2,964.12 | 1/2 | 2,694.79 | 1/2 | 2,416.73 | 1/2 | 2,138.67 | 1/2 | 1,860.60 | 1/2 | 1,582.54 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,075.34 | 3/4 | 2,959.65 | 3/4 | 2,689.00 | 3/4 | 2,410.94 | 3/4 | 2,132.88 | 3/4 | 1,854.81 | 3/4 | 1,576.75 |
| 11 | | 11 | | 11 | | 11 | 3,073.27 | 11 | 2,955.18 | 11 | 2,683.21 | 11 | 2,405.15 | 11 | 2,127.08 | 11 | 1,849.02 | 11 | 1,570.96 |
| 1/4 | | 1/4 | | 1/4 | | 1/4 | 3,071.20 | 1/4 | 2,950.71 | 1/4 | 2,677.42 | 1/4 | 2,399.36 | 1/4 | 2,121.29 | 1/4 | 1,843.23 | 1/4 | 1,565.17 |
| 1/2 | | 1/2 | | 1/2 | | 1/2 | 3,069.12 | 1/2 | 2,946.23 | 1/2 | 2,671.62 | 1/2 | 2,393.56 | 1/2 | 2,115.49 | 1/2 | 1,837.43 | 1/2 | 1,559.37 |
| 3/4 | | 3/4 | | 3/4 | | 3/4 | 3,067.05 | 3/4 | 2,941.12 | 3/4 | 2,665.83 | 3/4 | 2,387.77 | 3/4 | 2,109.70 | 3/4 | 1,831.64 | 3/4 | 1,553.58 |

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 10'-09" OFF CENTERLINE AND 46'-09" 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 "HTCO 3063"

4 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,547.78 | 0 | 1,269.72 | 0 | 992.50 | 0 | 717.75 | 0 | 441.70 | 0 | 167.64 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,541.99 | 1/4 | 1,263.93 | 1/4 | 986.79 | 1/4 | 712.00 | 1/4 | 435.95 | 1/4 | 162.07 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,536.19 | 1/2 | 1,258.13 | 1/2 | 981.07 | 1/2 | 706.24 | 1/2 | 430.20 | 1/2 | 156.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,530.40 | 3/4 | 1,252.34 | 3/4 | 975.36 | 3/4 | 700.49 | 3/4 | 424.45 | 3/4 | 150.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 1,524.61 | 1 | 1,246.55 | 1 | 969.64 | 1 | 694.74 | 1 | 418.70 | 1 | 145.36 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,518.82 | 1/4 | 1,240.76 | 1/4 | 963.92 | 1/4 | 688.99 | 1/4 | 412.95 | 1/4 | 139.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,513.02 | 1/2 | 1,234.96 | 1/2 | 958.20 | 1/2 | 683.24 | 1/2 | 407.19 | 1/2 | 134.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,507.23 | 3/4 | 1,229.17 | 3/4 | 952.49 | 3/4 | 677.49 | 3/4 | 401.44 | 3/4 | 128.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 1,501.44 | 2 | 1,223.38 | 2 | 946.77 | 2 | 671.74 | 2 | 395.69 | 2 | 123.08 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,495.65 | 1/4 | 1,217.59 | 1/4 | 941.06 | 1/4 | 665.99 | 1/4 | 389.94 | 1/4 | 117.51 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,489.85 | 1/2 | 1,211.79 | 1/2 | 935.34 | 1/2 | 660.24 | 1/2 | 384.19 | 1/2 | 111.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,484.06 | 3/4 | 1,206.00 | 3/4 | 929.63 | 3/4 | 654.49 | 3/4 | 378.44 | 3/4 | 106.33 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 1,478.27 | 3 | 1,200.20 | 3 | 923.91 | 3 | 648.74 | 3 | 372.69 | 3 | 100.71 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,472.48 | 1/4 | 1,194.41 | 1/4 | 918.19 | 1/4 | 642.99 | 1/4 | 366.94 | 1/4 | 95.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,466.68 | 1/2 | 1,188.61 | 1/2 | 912.47 | 1/2 | 637.23 | 1/2 | 361.18 | 1/2 | 89.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,460.89 | 3/4 | 1,182.82 | 3/4 | 906.76 | 3/4 | 631.48 | 3/4 | 355.43 | 3/4 | 83.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 1,455.10 | 4 | 1,177.03 | 4 | 901.04 | 4 | 625.73 | 4 | 349.68 | 4 | 77.98 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,449.31 | 1/4 | 1,171.24 | 1/4 | 895.33 | 1/4 | 619.98 | 1/4 | 343.93 | 1/4 | 72.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,443.51 | 1/2 | 1,165.44 | 1/2 | 889.61 | 1/2 | 614.23 | 1/2 | 338.18 | 1/2 | 66.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,437.72 | 3/4 | 1,159.65 | 3/4 | 883.90 | 3/4 | 608.48 | 3/4 | 332.43 | 3/4 | 60.73 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 1,431.92 | 5 | 1,153.86 | 5 | 878.18 | 5 | 602.73 | 5 | 326.68 | 5 | 54.98 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,426.13 | 1/4 | 1,148.07 | 1/4 | 872.47 | 1/4 | 596.98 | 1/4 | 320.93 | 1/4 | 49.23 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,420.33 | 1/2 | 1,142.27 | 1/2 | 866.75 | 1/2 | 591.22 | 1/2 | 315.18 | 1/2 | 43.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,414.54 | 3/4 | 1,136.48 | 3/4 | 861.04 | 3/4 | 585.47 | 3/4 | 309.43 | 3/4 | 38.63 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 1,408.75 | 6 | 1,130.69 | 6 | 855.32 | 6 | 579.72 | 6 | 303.68 | 6 | 33.79 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,402.96 | 1/4 | 1,124.90 | 1/4 | 849.60 | 1/4 | 573.97 | 1/4 | 297.93 | 1/4 | 28.95 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,397.16 | 1/2 | 1,119.10 | 1/2 | 843.88 | 1/2 | 568.22 | 1/2 | 292.17 | 1/2 | 24.11 | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,391.37 | 3/4 | 1,113.31 | 3/4 | 838.17 | 3/4 | 562.47 | 3/4 | 286.42 | 3/4 | 20.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 1,385.58 | 7 | 1,107.52 | 7 | 832.45 | 7 | 556.72 | 7 | 280.67 | 7 | 17.21 | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,379.79 | 1/4 | 1,101.73 | 1/4 | 826.74 | 1/4 | 550.97 | 1/4 | 274.92 | 1/4 | 13.76 | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,373.99 | 1/2 | 1,095.93 | 1/2 | 821.02 | 1/2 | 545.22 | 1/2 | 269.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,368.20 | 3/4 | 1,090.14 | 3/4 | 815.31 | 3/4 | 539.47 | 3/4 | 263.42 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 1,362.41 | 8 | 1,084.34 | 8 | 809.59 | 8 | 533.72 | 8 | 257.67 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,356.62 | 1/4 | 1,078.55 | 1/4 | 803.87 | 1/4 | 527.97 | 1/4 | 251.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,350.82 | 1/2 | 1,072.75 | 1/2 | 798.15 | 1/2 | 522.21 | 1/2 | 246.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,345.03 | 3/4 | 1,066.98 | 3/4 | 792.43 | 3/4 | 516.46 | 3/4 | 240.46 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 1,339.24 | 9 | 1,061.21 | 9 | 786.71 | 9 | 510.71 | 9 | 234.75 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,333.45 | 1/4 | 1,055.44 | 1/4 | 780.99 | 1/4 | 504.96 | 1/4 | 229.05 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,327.65 | 1/2 | 1,049.66 | 1/2 | 775.26 | 1/2 | 499.21 | 1/2 | 223.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,321.86 | 3/4 | 1,043.95 | 3/4 | 769.51 | 3/4 | 493.46 | 3/4 | 217.77 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 1,316.06 | 10 | 1,038.23 | 10 | 763.76 | 10 | 487.71 | 10 | 212.20 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,310.27 | 1/4 | 1,032.52 | 1/4 | 758.01 | 1/4 | 481.96 | 1/4 | 206.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,304.47 | 1/2 | 1,026.80 | 1/2 | 752.25 | 1/2 | 476.20 | 1/2 | 201.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,298.68 | 3/4 | 1,021.09 | 3/4 | 746.50 | 3/4 | 470.45 | 3/4 | 195.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 1,292.89 | 11 | 1,015.37 | 11 | 740.75 | 11 | 464.70 | 11 | 189.92 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,287.10 | 1/4 | 1,009.65 | 1/4 | 735.00 | 1/4 | 458.95 | 1/4 | 184.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1,281.30 | 1/2 | 1,003.93 | 1/2 | 729.25 | 1/2 | 453.20 | 1/2 | 178.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 1,275.51 | 3/4 | 998.22 | 3/4 | 723.50 | 3/4 | 447.45 | 3/4 | 173.21 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/06/2008 INSP.
RECALCULATED: 07/25/2018 SW
VERIFIED: 06/07/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
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