



# BARGE "HTCO 3061"

## ULLAGE (HERMETIC)

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 01-0/8     | - 01-0/8     |
| 1 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 01-0/8     | - 01-0/8     |
| 2 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 2 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     | 00-7/8     | - 00-7/8     |
| 3 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-1/2     | - 00-1/2     | 00-3/4     | - 00-3/4     | 00-3/4     | - 00-3/4     |
| 3 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/2     | - 00-1/2     | 00-1/2     | - 00-1/2     | 00-3/4     | - 00-3/4     | 00-3/4     | - 00-3/4     |

(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 - 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 234'-09"

January 17, 2020

**PRECISION MEASUREMENT  
& ANALYSIS, INC.**

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# BARGE "HTCO 3061"

## 1 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 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   |          | 0   | 4,715.46 | 0   | 4,359.11 | 0   | 4,002.76 | 0   | 3,646.41 | 0   | 3,290.06 | 0   | 2,933.70 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,708.04 | 1/4 | 4,351.69 | 1/4 | 3,995.34 | 1/4 | 3,638.98 | 1/4 | 3,282.63 | 1/4 | 2,926.28 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,700.62 | 1/2 | 4,344.27 | 1/2 | 3,987.91 | 1/2 | 3,631.56 | 1/2 | 3,275.21 | 1/2 | 2,918.85 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,033.79 | 3/4 | 4,693.19 | 3/4 | 4,336.84 | 3/4 | 3,980.49 | 3/4 | 3,624.13 | 3/4 | 3,267.78 | 3/4 | 2,911.43 |
| 1   |       | 1   |       | 1   |       | 1   | 5,029.55 | 1   | 4,685.77 | 1   | 4,329.42 | 1   | 3,973.06 | 1   | 3,616.71 | 1   | 3,260.36 | 1   | 2,904.01 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,024.18 | 1/4 | 4,678.35 | 1/4 | 4,322.00 | 1/4 | 3,965.64 | 1/4 | 3,609.29 | 1/4 | 3,252.93 | 1/4 | 2,896.58 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,018.80 | 1/2 | 4,670.92 | 1/2 | 4,314.57 | 1/2 | 3,958.22 | 1/2 | 3,601.86 | 1/2 | 3,245.51 | 1/2 | 2,889.16 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,013.43 | 3/4 | 4,663.50 | 3/4 | 4,307.15 | 3/4 | 3,950.79 | 3/4 | 3,594.44 | 3/4 | 3,238.08 | 3/4 | 2,881.73 |
| 2   |       | 2   |       | 2   |       | 2   | 5,008.05 | 2   | 4,656.07 | 2   | 4,299.72 | 2   | 3,943.37 | 2   | 3,587.02 | 2   | 3,230.66 | 2   | 2,874.31 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,001.54 | 1/4 | 4,648.65 | 1/4 | 4,292.30 | 1/4 | 3,935.95 | 1/4 | 3,579.59 | 1/4 | 3,223.24 | 1/4 | 2,866.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,995.04 | 1/2 | 4,641.23 | 1/2 | 4,284.87 | 1/2 | 3,928.52 | 1/2 | 3,572.17 | 1/2 | 3,215.81 | 1/2 | 2,859.46 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,988.53 | 3/4 | 4,633.80 | 3/4 | 4,277.45 | 3/4 | 3,921.10 | 3/4 | 3,564.74 | 3/4 | 3,208.39 | 3/4 | 2,852.04 |
| 3   |       | 3   |       | 3   |       | 3   | 4,982.02 | 3   | 4,626.38 | 3   | 4,270.02 | 3   | 3,913.67 | 3   | 3,557.32 | 3   | 3,200.97 | 3   | 2,844.62 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,974.77 | 1/4 | 4,618.96 | 1/4 | 4,262.60 | 1/4 | 3,906.25 | 1/4 | 3,549.89 | 1/4 | 3,193.54 | 1/4 | 2,837.19 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,967.53 | 1/2 | 4,611.53 | 1/2 | 4,255.18 | 1/2 | 3,898.83 | 1/2 | 3,542.47 | 1/2 | 3,186.12 | 1/2 | 2,829.77 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,960.28 | 3/4 | 4,604.11 | 3/4 | 4,247.75 | 3/4 | 3,891.40 | 3/4 | 3,535.04 | 3/4 | 3,178.69 | 3/4 | 2,822.34 |
| 4   |       | 4   |       | 4   |       | 4   | 4,953.03 | 4   | 4,596.68 | 4   | 4,240.33 | 4   | 3,883.98 | 4   | 3,527.62 | 4   | 3,171.27 | 4   | 2,814.92 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,945.61 | 1/4 | 4,589.26 | 1/4 | 4,232.91 | 1/4 | 3,876.56 | 1/4 | 3,520.20 | 1/4 | 3,163.85 | 1/4 | 2,807.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,938.19 | 1/2 | 4,581.83 | 1/2 | 4,225.48 | 1/2 | 3,869.13 | 1/2 | 3,512.77 | 1/2 | 3,156.42 | 1/2 | 2,800.07 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,930.76 | 3/4 | 4,574.41 | 3/4 | 4,218.06 | 3/4 | 3,861.71 | 3/4 | 3,505.35 | 3/4 | 3,149.00 | 3/4 | 2,792.64 |
| 5   |       | 5   |       | 5   |       | 5   | 4,923.34 | 5   | 4,566.98 | 5   | 4,210.63 | 5   | 3,854.28 | 5   | 3,497.93 | 5   | 3,141.58 | 5   | 2,785.22 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,915.92 | 1/4 | 4,559.56 | 1/4 | 4,203.21 | 1/4 | 3,846.86 | 1/4 | 3,490.50 | 1/4 | 3,134.15 | 1/4 | 2,777.80 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,908.49 | 1/2 | 4,552.14 | 1/2 | 4,195.79 | 1/2 | 3,839.43 | 1/2 | 3,483.08 | 1/2 | 3,126.73 | 1/2 | 2,770.37 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,901.07 | 3/4 | 4,544.71 | 3/4 | 4,188.36 | 3/4 | 3,832.01 | 3/4 | 3,475.65 | 3/4 | 3,119.30 | 3/4 | 2,762.95 |
| 6   |       | 6   |       | 6   |       | 6   | 4,893.64 | 6   | 4,537.29 | 6   | 4,180.94 | 6   | 3,824.58 | 6   | 3,468.23 | 6   | 3,111.88 | 6   | 2,755.53 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,886.22 | 1/4 | 4,529.87 | 1/4 | 4,173.52 | 1/4 | 3,817.16 | 1/4 | 3,460.81 | 1/4 | 3,104.45 | 1/4 | 2,748.10 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,878.79 | 1/2 | 4,522.44 | 1/2 | 4,166.09 | 1/2 | 3,809.74 | 1/2 | 3,453.38 | 1/2 | 3,097.03 | 1/2 | 2,740.68 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,871.37 | 3/4 | 4,515.02 | 3/4 | 4,158.67 | 3/4 | 3,802.31 | 3/4 | 3,445.96 | 3/4 | 3,089.60 | 3/4 | 2,733.25 |
| 7   |       | 7   |       | 7   |       | 7   | 4,863.94 | 7   | 4,507.59 | 7   | 4,151.24 | 7   | 3,794.89 | 7   | 3,438.54 | 7   | 3,082.18 | 7   | 2,725.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,856.52 | 1/4 | 4,500.17 | 1/4 | 4,143.82 | 1/4 | 3,787.47 | 1/4 | 3,431.11 | 1/4 | 3,074.76 | 1/4 | 2,718.41 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,849.10 | 1/2 | 4,492.75 | 1/2 | 4,136.39 | 1/2 | 3,780.04 | 1/2 | 3,423.69 | 1/2 | 3,067.33 | 1/2 | 2,710.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,841.67 | 3/4 | 4,485.32 | 3/4 | 4,128.97 | 3/4 | 3,772.62 | 3/4 | 3,416.26 | 3/4 | 3,059.91 | 3/4 | 2,703.56 |
| 8   |       | 8   |       | 8   |       | 8   | 4,834.25 | 8   | 4,477.90 | 8   | 4,121.54 | 8   | 3,765.19 | 8   | 3,408.84 | 8   | 3,052.49 | 8   | 2,696.14 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,826.83 | 1/4 | 4,470.48 | 1/4 | 4,114.12 | 1/4 | 3,757.77 | 1/4 | 3,401.41 | 1/4 | 3,045.06 | 1/4 | 2,688.71 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,819.40 | 1/2 | 4,463.05 | 1/2 | 4,106.70 | 1/2 | 3,750.35 | 1/2 | 3,393.99 | 1/2 | 3,037.64 | 1/2 | 2,681.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,811.98 | 3/4 | 4,455.63 | 3/4 | 4,099.27 | 3/4 | 3,742.92 | 3/4 | 3,386.56 | 3/4 | 3,030.21 | 3/4 | 2,673.86 |
| 9   |       | 9   |       | 9   |       | 9   | 4,804.55 | 9   | 4,448.20 | 9   | 4,091.85 | 9   | 3,735.50 | 9   | 3,379.14 | 9   | 3,022.79 | 9   | 2,666.44 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,797.13 | 1/4 | 4,440.78 | 1/4 | 4,084.43 | 1/4 | 3,728.07 | 1/4 | 3,371.72 | 1/4 | 3,015.37 | 1/4 | 2,659.01 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,789.71 | 1/2 | 4,433.35 | 1/2 | 4,077.00 | 1/2 | 3,720.65 | 1/2 | 3,364.29 | 1/2 | 3,007.94 | 1/2 | 2,651.59 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,782.28 | 3/4 | 4,425.93 | 3/4 | 4,069.58 | 3/4 | 3,713.22 | 3/4 | 3,356.87 | 3/4 | 3,000.52 | 3/4 | 2,644.16 |
| 10  |       | 10  |       | 10  |       | 10  | 4,774.86 | 10  | 4,418.50 | 10  | 4,062.15 | 10  | 3,705.80 | 10  | 3,349.45 | 10  | 2,993.10 | 10  | 2,636.74 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,767.44 | 1/4 | 4,411.08 | 1/4 | 4,054.73 | 1/4 | 3,698.37 | 1/4 | 3,342.02 | 1/4 | 2,985.67 | 1/4 | 2,629.32 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,760.01 | 1/2 | 4,403.66 | 1/2 | 4,047.31 | 1/2 | 3,690.95 | 1/2 | 3,334.60 | 1/2 | 2,978.25 | 1/2 | 2,621.89 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,752.59 | 3/4 | 4,396.23 | 3/4 | 4,039.88 | 3/4 | 3,683.52 | 3/4 | 3,327.17 | 3/4 | 2,970.82 | 3/4 | 2,614.47 |
| 11  |       | 11  |       | 11  |       | 11  | 4,745.16 | 11  | 4,388.81 | 11  | 4,032.46 | 11  | 3,676.10 | 11  | 3,319.75 | 11  | 2,963.40 | 11  | 2,607.05 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,737.74 | 1/4 | 4,381.39 | 1/4 | 4,025.04 | 1/4 | 3,668.68 | 1/4 | 3,312.33 | 1/4 | 2,955.97 | 1/4 | 2,599.62 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,730.31 | 1/2 | 4,373.96 | 1/2 | 4,017.61 | 1/2 | 3,661.25 | 1/2 | 3,304.90 | 1/2 | 2,948.55 | 1/2 | 2,592.20 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,722.89 | 3/4 | 4,366.54 | 3/4 | 4,010.19 | 3/4 | 3,653.83 | 3/4 | 3,297.48 | 3/4 | 2,941.12 | 3/4 | 2,584.77 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "HTCO 3061"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,577.35 | 0   | 2,221.00 | 0   | 1,864.65 | 0   | 1,508.30 | 0   | 1,151.94 | 0   | 795.59 | 0   | 437.95 | 0   | 99.14  | 0   |        | 0   |        |
| 1/4 | 2,569.93 | 1/4 | 2,213.57 | 1/4 | 1,857.22 | 1/4 | 1,500.87 | 1/4 | 1,144.52 | 1/4 | 788.17 | 1/4 | 430.50 | 1/4 | 92.68  | 1/4 |        | 1/4 |        |
| 1/2 | 2,562.50 | 1/2 | 2,206.15 | 1/2 | 1,849.80 | 1/2 | 1,493.45 | 1/2 | 1,137.09 | 1/2 | 780.74 | 1/2 | 423.04 | 1/2 | 86.21  | 1/2 |        | 1/2 |        |
| 3/4 | 2,555.08 | 3/4 | 2,198.72 | 3/4 | 1,842.37 | 3/4 | 1,486.02 | 3/4 | 1,129.67 | 3/4 | 773.32 | 3/4 | 415.59 | 3/4 | 79.75  | 3/4 |        | 3/4 |        |
| 1   | 2,547.66 | 1   | 2,191.30 | 1   | 1,834.95 | 1   | 1,478.60 | 1   | 1,122.25 | 1   | 765.90 | 1   | 408.14 | 1   | 73.29  | 1   |        | 1   |        |
| 1/4 | 2,540.23 | 1/4 | 2,183.88 | 1/4 | 1,827.53 | 1/4 | 1,471.17 | 1/4 | 1,114.82 | 1/4 | 758.47 | 1/4 | 400.75 | 1/4 | 66.89  | 1/4 |        | 1/4 |        |
| 1/2 | 2,532.81 | 1/2 | 2,176.45 | 1/2 | 1,820.10 | 1/2 | 1,463.75 | 1/2 | 1,107.40 | 1/2 | 751.05 | 1/2 | 393.36 | 1/2 | 60.48  | 1/2 |        | 1/2 |        |
| 3/4 | 2,525.38 | 3/4 | 2,169.03 | 3/4 | 1,812.68 | 3/4 | 1,456.32 | 3/4 | 1,099.97 | 3/4 | 743.62 | 3/4 | 385.97 | 3/4 | 54.08  | 3/4 |        | 3/4 |        |
| 2   | 2,517.96 | 2   | 2,161.61 | 2   | 1,805.26 | 2   | 1,448.90 | 2   | 1,092.55 | 2   | 736.20 | 2   | 378.58 | 2   | 47.68  | 2   |        | 2   |        |
| 1/4 | 2,510.53 | 1/4 | 2,154.18 | 1/4 | 1,797.83 | 1/4 | 1,441.48 | 1/4 | 1,085.13 | 1/4 | 728.77 | 1/4 | 371.25 | 1/4 | 42.42  | 1/4 |        | 1/4 |        |
| 1/2 | 2,503.11 | 1/2 | 2,146.76 | 1/2 | 1,790.41 | 1/2 | 1,434.05 | 1/2 | 1,077.70 | 1/2 | 721.35 | 1/2 | 363.92 | 1/2 | 37.16  | 1/2 |        | 1/2 |        |
| 3/4 | 2,495.68 | 3/4 | 2,139.33 | 3/4 | 1,782.98 | 3/4 | 1,426.63 | 3/4 | 1,070.28 | 3/4 | 713.92 | 3/4 | 356.60 | 3/4 | 31.90  | 3/4 |        | 3/4 |        |
| 3   | 2,488.26 | 3   | 2,131.91 | 3   | 1,775.56 | 3   | 1,419.21 | 3   | 1,062.86 | 3   | 706.50 | 3   | 349.27 | 3   | 26.64  | 3   |        | 3   |        |
| 1/4 | 2,480.84 | 1/4 | 2,124.49 | 1/4 | 1,768.13 | 1/4 | 1,411.78 | 1/4 | 1,055.43 | 1/4 | 699.08 | 1/4 | 342.00 | 1/4 | 22.83  | 1/4 |        | 1/4 |        |
| 1/2 | 2,473.41 | 1/2 | 2,117.06 | 1/2 | 1,760.71 | 1/2 | 1,404.36 | 1/2 | 1,048.01 | 1/2 | 691.65 | 1/2 | 334.74 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,465.99 | 3/4 | 2,109.64 | 3/4 | 1,753.28 | 3/4 | 1,396.93 | 3/4 | 1,040.58 | 3/4 | 684.23 | 3/4 | 327.47 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,458.57 | 4   | 2,102.22 | 4   | 1,745.86 | 4   | 1,389.51 | 4   | 1,033.16 | 4   | 676.81 | 4   | 320.21 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,451.14 | 1/4 | 2,094.79 | 1/4 | 1,738.44 | 1/4 | 1,382.09 | 1/4 | 1,025.73 | 1/4 | 669.38 | 1/4 | 313.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,443.72 | 1/2 | 2,087.37 | 1/2 | 1,731.01 | 1/2 | 1,374.66 | 1/2 | 1,018.31 | 1/2 | 661.96 | 1/2 | 305.80 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,436.29 | 3/4 | 2,079.94 | 3/4 | 1,723.59 | 3/4 | 1,367.24 | 3/4 | 1,010.88 | 3/4 | 654.53 | 3/4 | 298.59 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,428.87 | 5   | 2,072.52 | 5   | 1,716.17 | 5   | 1,359.82 | 5   | 1,003.46 | 5   | 647.11 | 5   | 291.39 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,421.45 | 1/4 | 2,065.09 | 1/4 | 1,708.74 | 1/4 | 1,352.39 | 1/4 | 996.04   | 1/4 | 639.69 | 1/4 | 284.25 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,414.02 | 1/2 | 2,057.67 | 1/2 | 1,701.32 | 1/2 | 1,344.97 | 1/2 | 988.61   | 1/2 | 632.26 | 1/2 | 277.11 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,406.60 | 3/4 | 2,050.24 | 3/4 | 1,693.89 | 3/4 | 1,337.54 | 3/4 | 981.19   | 3/4 | 624.84 | 3/4 | 269.97 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,399.18 | 6   | 2,042.82 | 6   | 1,686.47 | 6   | 1,330.12 | 6   | 973.77   | 6   | 617.42 | 6   | 262.83 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,391.75 | 1/4 | 2,035.40 | 1/4 | 1,679.05 | 1/4 | 1,322.69 | 1/4 | 966.34   | 1/4 | 609.99 | 1/4 | 255.75 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,384.33 | 1/2 | 2,027.97 | 1/2 | 1,671.62 | 1/2 | 1,315.27 | 1/2 | 958.92   | 1/2 | 602.57 | 1/2 | 248.68 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,376.90 | 3/4 | 2,020.55 | 3/4 | 1,664.20 | 3/4 | 1,307.84 | 3/4 | 951.49   | 3/4 | 595.14 | 3/4 | 241.60 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,369.48 | 7   | 2,013.13 | 7   | 1,656.78 | 7   | 1,300.42 | 7   | 944.07   | 7   | 587.72 | 7   | 234.53 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,362.05 | 1/4 | 2,005.70 | 1/4 | 1,649.35 | 1/4 | 1,293.00 | 1/4 | 936.65   | 1/4 | 580.29 | 1/4 | 227.51 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,354.63 | 1/2 | 1,998.28 | 1/2 | 1,641.93 | 1/2 | 1,285.57 | 1/2 | 929.22   | 1/2 | 572.87 | 1/2 | 220.50 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,347.20 | 3/4 | 1,990.85 | 3/4 | 1,634.50 | 3/4 | 1,278.15 | 3/4 | 921.80   | 3/4 | 565.44 | 3/4 | 213.48 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,339.78 | 8   | 1,983.43 | 8   | 1,627.08 | 8   | 1,270.73 | 8   | 914.38   | 8   | 558.02 | 8   | 206.47 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,332.36 | 1/4 | 1,976.01 | 1/4 | 1,619.65 | 1/4 | 1,263.30 | 1/4 | 906.95   | 1/4 | 550.60 | 1/4 | 199.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,324.93 | 1/2 | 1,968.58 | 1/2 | 1,612.23 | 1/2 | 1,255.88 | 1/2 | 899.53   | 1/2 | 543.17 | 1/2 | 192.56 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,317.51 | 3/4 | 1,961.16 | 3/4 | 1,604.80 | 3/4 | 1,248.45 | 3/4 | 892.10   | 3/4 | 535.75 | 3/4 | 185.61 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,310.09 | 9   | 1,953.74 | 9   | 1,597.38 | 9   | 1,241.03 | 9   | 884.68   | 9   | 528.33 | 9   | 178.66 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,302.66 | 1/4 | 1,946.31 | 1/4 | 1,589.96 | 1/4 | 1,233.61 | 1/4 | 877.25   | 1/4 | 520.83 | 1/4 | 171.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,295.24 | 1/2 | 1,938.89 | 1/2 | 1,582.53 | 1/2 | 1,226.18 | 1/2 | 869.83   | 1/2 | 513.32 | 1/2 | 165.12 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,287.81 | 3/4 | 1,931.46 | 3/4 | 1,575.11 | 3/4 | 1,218.76 | 3/4 | 862.40   | 3/4 | 505.82 | 3/4 | 158.36 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,280.39 | 10  | 1,924.04 | 10  | 1,567.69 | 10  | 1,211.34 | 10  | 854.98   | 10  | 498.32 | 10  | 151.59 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,272.97 | 1/4 | 1,916.61 | 1/4 | 1,560.26 | 1/4 | 1,203.91 | 1/4 | 847.56   | 1/4 | 490.74 | 1/4 | 145.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,265.54 | 1/2 | 1,909.19 | 1/2 | 1,552.84 | 1/2 | 1,196.49 | 1/2 | 840.13   | 1/2 | 483.16 | 1/2 | 138.41 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,258.12 | 3/4 | 1,901.76 | 3/4 | 1,545.41 | 3/4 | 1,189.06 | 3/4 | 832.71   | 3/4 | 475.59 | 3/4 | 131.83 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,250.70 | 11  | 1,894.34 | 11  | 1,537.99 | 11  | 1,181.64 | 11  | 825.29   | 11  | 468.01 | 11  | 125.24 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,243.27 | 1/4 | 1,886.92 | 1/4 | 1,530.57 | 1/4 | 1,174.21 | 1/4 | 817.86   | 1/4 | 460.49 | 1/4 | 118.71 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,235.85 | 1/2 | 1,879.49 | 1/2 | 1,523.14 | 1/2 | 1,166.79 | 1/2 | 810.44   | 1/2 | 452.98 | 1/2 | 112.19 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,228.42 | 3/4 | 1,872.07 | 3/4 | 1,515.72 | 3/4 | 1,159.36 | 3/4 | 803.01   | 3/4 | 445.46 | 3/4 | 105.66 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "HTCO 3061"

## 1 STBD ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 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   |       | 0   | 4,715.46 | 0   | 4,359.11 | 0   | 4,002.76 | 0   | 3,646.41 | 0   | 3,290.06 | 0   | 2,933.70 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,708.04 | 1/4 | 4,351.69 | 1/4 | 3,995.34 | 1/4 | 3,638.98 | 1/4 | 3,282.63 | 1/4 | 2,926.28 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,700.62 | 1/2 | 4,344.27 | 1/2 | 3,987.91 | 1/2 | 3,631.56 | 1/2 | 3,275.21 | 1/2 | 2,918.85 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,033.79 | 3/4 | 4,693.19 | 3/4 | 4,336.84 | 3/4 | 3,980.49 | 3/4 | 3,624.13 | 3/4 | 3,267.78 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 5,029.55 | 1   | 4,685.77 | 1   | 4,329.42 | 1   | 3,973.06 | 1   | 3,616.71 | 1   | 2,904.01 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,024.18 | 1/4 | 4,678.35 | 1/4 | 4,322.00 | 1/4 | 3,965.64 | 1/4 | 3,609.29 | 1/4 | 2,896.58 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,018.80 | 1/2 | 4,670.92 | 1/2 | 4,314.57 | 1/2 | 3,958.22 | 1/2 | 3,601.86 | 1/2 | 2,889.16 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,013.43 | 3/4 | 4,663.50 | 3/4 | 4,307.15 | 3/4 | 3,950.79 | 3/4 | 3,594.44 | 3/4 | 2,881.73 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 5,008.05 | 2   | 4,656.07 | 2   | 4,299.72 | 2   | 3,943.37 | 2   | 3,587.02 | 2   | 2,874.31 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,001.54 | 1/4 | 4,648.65 | 1/4 | 4,292.30 | 1/4 | 3,935.95 | 1/4 | 3,579.59 | 1/4 | 2,866.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,995.04 | 1/2 | 4,641.23 | 1/2 | 4,284.87 | 1/2 | 3,928.52 | 1/2 | 3,572.17 | 1/2 | 2,859.46 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,988.53 | 3/4 | 4,633.80 | 3/4 | 4,277.45 | 3/4 | 3,921.10 | 3/4 | 3,564.74 | 3/4 | 2,852.04 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 4,982.02 | 3   | 4,626.38 | 3   | 4,270.02 | 3   | 3,913.67 | 3   | 3,557.32 | 3   | 2,844.62 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,974.77 | 1/4 | 4,618.96 | 1/4 | 4,262.60 | 1/4 | 3,906.25 | 1/4 | 3,549.89 | 1/4 | 2,837.19 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,967.53 | 1/2 | 4,611.53 | 1/2 | 4,255.18 | 1/2 | 3,898.83 | 1/2 | 3,542.47 | 1/2 | 2,829.77 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,960.28 | 3/4 | 4,604.11 | 3/4 | 4,247.75 | 3/4 | 3,891.40 | 3/4 | 3,535.04 | 3/4 | 2,822.34 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 4,953.03 | 4   | 4,596.68 | 4   | 4,240.33 | 4   | 3,883.98 | 4   | 3,527.62 | 4   | 2,814.92 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,945.61 | 1/4 | 4,589.26 | 1/4 | 4,232.91 | 1/4 | 3,876.56 | 1/4 | 3,520.20 | 1/4 | 2,807.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,938.19 | 1/2 | 4,581.83 | 1/2 | 4,225.48 | 1/2 | 3,869.13 | 1/2 | 3,512.77 | 1/2 | 2,800.07 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,930.76 | 3/4 | 4,574.41 | 3/4 | 4,218.06 | 3/4 | 3,861.71 | 3/4 | 3,505.35 | 3/4 | 2,792.64 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,923.34 | 5   | 4,566.98 | 5   | 4,210.63 | 5   | 3,854.28 | 5   | 3,497.93 | 5   | 2,785.22 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,915.92 | 1/4 | 4,559.56 | 1/4 | 4,203.21 | 1/4 | 3,846.86 | 1/4 | 3,490.50 | 1/4 | 2,777.80 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,908.49 | 1/2 | 4,552.14 | 1/2 | 4,195.79 | 1/2 | 3,839.43 | 1/2 | 3,483.08 | 1/2 | 2,770.37 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,901.07 | 3/4 | 4,544.71 | 3/4 | 4,188.36 | 3/4 | 3,832.01 | 3/4 | 3,475.65 | 3/4 | 2,762.95 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,893.64 | 6   | 4,537.29 | 6   | 4,180.94 | 6   | 3,824.58 | 6   | 3,468.23 | 6   | 2,755.53 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,886.22 | 1/4 | 4,529.87 | 1/4 | 4,173.52 | 1/4 | 3,817.16 | 1/4 | 3,460.81 | 1/4 | 2,748.10 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,878.79 | 1/2 | 4,522.44 | 1/2 | 4,166.09 | 1/2 | 3,809.74 | 1/2 | 3,453.38 | 1/2 | 2,740.68 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,871.37 | 3/4 | 4,515.02 | 3/4 | 4,158.67 | 3/4 | 3,802.31 | 3/4 | 3,445.96 | 3/4 | 2,733.25 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,863.94 | 7   | 4,507.59 | 7   | 4,151.24 | 7   | 3,794.89 | 7   | 3,438.54 | 7   | 2,725.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,856.52 | 1/4 | 4,500.17 | 1/4 | 4,143.82 | 1/4 | 3,787.47 | 1/4 | 3,431.11 | 1/4 | 2,718.41 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,849.10 | 1/2 | 4,492.75 | 1/2 | 4,136.39 | 1/2 | 3,780.04 | 1/2 | 3,423.69 | 1/2 | 2,710.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,841.67 | 3/4 | 4,485.32 | 3/4 | 4,128.97 | 3/4 | 3,772.62 | 3/4 | 3,416.26 | 3/4 | 2,703.56 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,834.25 | 8   | 4,477.90 | 8   | 4,121.54 | 8   | 3,765.19 | 8   | 3,408.84 | 8   | 2,696.14 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,826.83 | 1/4 | 4,470.48 | 1/4 | 4,114.12 | 1/4 | 3,757.77 | 1/4 | 3,401.41 | 1/4 | 2,688.71 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,819.40 | 1/2 | 4,463.05 | 1/2 | 4,106.70 | 1/2 | 3,750.35 | 1/2 | 3,393.99 | 1/2 | 2,681.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,811.98 | 3/4 | 4,455.63 | 3/4 | 4,099.27 | 3/4 | 3,742.92 | 3/4 | 3,386.56 | 3/4 | 2,673.86 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,804.55 | 9   | 4,448.20 | 9   | 4,091.85 | 9   | 3,735.50 | 9   | 3,379.14 | 9   | 2,666.44 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,797.13 | 1/4 | 4,440.78 | 1/4 | 4,084.43 | 1/4 | 3,728.07 | 1/4 | 3,371.72 | 1/4 | 2,659.01 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,789.71 | 1/2 | 4,433.35 | 1/2 | 4,077.00 | 1/2 | 3,720.65 | 1/2 | 3,364.29 | 1/2 | 2,651.59 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,782.28 | 3/4 | 4,425.93 | 3/4 | 4,069.58 | 3/4 | 3,713.22 | 3/4 | 3,356.87 | 3/4 | 2,644.16 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,774.86 | 10  | 4,418.50 | 10  | 4,062.15 | 10  | 3,705.80 | 10  | 3,349.45 | 10  | 2,636.74 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,767.44 | 1/4 | 4,411.08 | 1/4 | 4,054.73 | 1/4 | 3,698.37 | 1/4 | 3,342.02 | 1/4 | 2,629.32 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,760.01 | 1/2 | 4,403.66 | 1/2 | 4,047.31 | 1/2 | 3,690.95 | 1/2 | 3,334.60 | 1/2 | 2,621.89 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,752.59 | 3/4 | 4,396.23 | 3/4 | 4,039.88 | 3/4 | 3,683.52 | 3/4 | 3,327.17 | 3/4 | 2,614.47 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,745.16 | 11  | 4,388.81 | 11  | 4,032.46 | 11  | 3,676.10 | 11  | 3,319.75 | 11  | 2,607.05 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,737.74 | 1/4 | 4,381.39 | 1/4 | 4,025.04 | 1/4 | 3,668.68 | 1/4 | 3,312.33 | 1/4 | 2,599.62 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,730.31 | 1/2 | 4,373.96 | 1/2 | 4,017.61 | 1/2 | 3,661.25 | 1/2 | 3,304.90 | 1/2 | 2,592.20 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,722.89 | 3/4 | 4,366.54 | 3/4 | 4,010.19 | 3/4 | 3,653.83 | 3/4 | 3,297.48 | 3/4 | 2,584.77 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-03" 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 3061"

## 1 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/4"

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   | 2,577.35 | 0   | 2,221.00 | 0   | 1,864.65 | 0   | 1,508.30 | 0   | 1,151.94 | 0   | 795.59 | 0   | 437.95 | 0   | 99.14  | 0   |        | 0   |        |
| 1/4 | 2,569.93 | 1/4 | 2,213.57 | 1/4 | 1,857.22 | 1/4 | 1,500.87 | 1/4 | 1,144.52 | 1/4 | 788.17 | 1/4 | 430.50 | 1/4 | 92.68  | 1/4 |        | 1/4 |        |
| 1/2 | 2,562.50 | 1/2 | 2,206.15 | 1/2 | 1,849.80 | 1/2 | 1,493.45 | 1/2 | 1,137.09 | 1/2 | 780.74 | 1/2 | 423.04 | 1/2 | 86.21  | 1/2 |        | 1/2 |        |
| 3/4 | 2,555.08 | 3/4 | 2,198.72 | 3/4 | 1,842.37 | 3/4 | 1,486.02 | 3/4 | 1,129.67 | 3/4 | 773.32 | 3/4 | 415.59 | 3/4 | 79.75  | 3/4 |        | 3/4 |        |
| 1   | 2,547.66 | 1   | 2,191.30 | 1   | 1,834.95 | 1   | 1,478.60 | 1   | 1,122.25 | 1   | 765.90 | 1   | 408.14 | 1   | 73.29  | 1   |        | 1   |        |
| 1/4 | 2,540.23 | 1/4 | 2,183.88 | 1/4 | 1,827.53 | 1/4 | 1,471.17 | 1/4 | 1,114.82 | 1/4 | 758.47 | 1/4 | 400.75 | 1/4 | 66.89  | 1/4 |        | 1/4 |        |
| 1/2 | 2,532.81 | 1/2 | 2,176.45 | 1/2 | 1,820.10 | 1/2 | 1,463.75 | 1/2 | 1,107.40 | 1/2 | 751.05 | 1/2 | 393.36 | 1/2 | 60.48  | 1/2 |        | 1/2 |        |
| 3/4 | 2,525.38 | 3/4 | 2,169.03 | 3/4 | 1,812.68 | 3/4 | 1,456.32 | 3/4 | 1,099.97 | 3/4 | 743.62 | 3/4 | 385.97 | 3/4 | 54.08  | 3/4 |        | 3/4 |        |
| 2   | 2,517.96 | 2   | 2,161.61 | 2   | 1,805.26 | 2   | 1,448.90 | 2   | 1,092.55 | 2   | 736.20 | 2   | 378.58 | 2   | 47.68  | 2   |        | 2   |        |
| 1/4 | 2,510.53 | 1/4 | 2,154.18 | 1/4 | 1,797.83 | 1/4 | 1,441.48 | 1/4 | 1,085.13 | 1/4 | 728.77 | 1/4 | 371.25 | 1/4 | 42.42  | 1/4 |        | 1/4 |        |
| 1/2 | 2,503.11 | 1/2 | 2,146.76 | 1/2 | 1,790.41 | 1/2 | 1,434.05 | 1/2 | 1,077.70 | 1/2 | 721.35 | 1/2 | 363.92 | 1/2 | 37.16  | 1/2 |        | 1/2 |        |
| 3/4 | 2,495.68 | 3/4 | 2,139.33 | 3/4 | 1,782.98 | 3/4 | 1,426.63 | 3/4 | 1,070.28 | 3/4 | 713.92 | 3/4 | 356.60 | 3/4 | 31.90  | 3/4 |        | 3/4 |        |
| 3   | 2,488.26 | 3   | 2,131.91 | 3   | 1,775.56 | 3   | 1,419.21 | 3   | 1,062.86 | 3   | 706.50 | 3   | 349.27 | 3   | 26.64  | 3   |        | 3   |        |
| 1/4 | 2,480.84 | 1/4 | 2,124.49 | 1/4 | 1,768.13 | 1/4 | 1,411.78 | 1/4 | 1,055.43 | 1/4 | 699.08 | 1/4 | 342.00 | 1/4 | 22.83  | 1/4 |        | 1/4 |        |
| 1/2 | 2,473.41 | 1/2 | 2,117.06 | 1/2 | 1,760.71 | 1/2 | 1,404.36 | 1/2 | 1,048.01 | 1/2 | 691.65 | 1/2 | 334.74 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,465.99 | 3/4 | 2,109.64 | 3/4 | 1,753.28 | 3/4 | 1,396.93 | 3/4 | 1,040.58 | 3/4 | 684.23 | 3/4 | 327.47 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,458.57 | 4   | 2,102.22 | 4   | 1,745.86 | 4   | 1,389.51 | 4   | 1,033.16 | 4   | 676.81 | 4   | 320.21 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,451.14 | 1/4 | 2,094.79 | 1/4 | 1,738.44 | 1/4 | 1,382.09 | 1/4 | 1,025.73 | 1/4 | 669.38 | 1/4 | 313.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,443.72 | 1/2 | 2,087.37 | 1/2 | 1,731.01 | 1/2 | 1,374.66 | 1/2 | 1,018.31 | 1/2 | 661.96 | 1/2 | 305.80 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,436.29 | 3/4 | 2,079.94 | 3/4 | 1,723.59 | 3/4 | 1,367.24 | 3/4 | 1,010.88 | 3/4 | 654.53 | 3/4 | 298.59 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,428.87 | 5   | 2,072.52 | 5   | 1,716.17 | 5   | 1,359.82 | 5   | 1,003.46 | 5   | 647.11 | 5   | 291.39 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,421.45 | 1/4 | 2,065.09 | 1/4 | 1,708.74 | 1/4 | 1,352.39 | 1/4 | 996.04   | 1/4 | 639.69 | 1/4 | 284.25 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,414.02 | 1/2 | 2,057.67 | 1/2 | 1,701.32 | 1/2 | 1,344.97 | 1/2 | 988.61   | 1/2 | 632.26 | 1/2 | 277.11 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,406.60 | 3/4 | 2,050.24 | 3/4 | 1,693.89 | 3/4 | 1,337.54 | 3/4 | 981.19   | 3/4 | 624.84 | 3/4 | 269.97 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,399.18 | 6   | 2,042.82 | 6   | 1,686.47 | 6   | 1,330.12 | 6   | 973.77   | 6   | 617.42 | 6   | 262.83 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,391.75 | 1/4 | 2,035.40 | 1/4 | 1,679.05 | 1/4 | 1,322.69 | 1/4 | 966.34   | 1/4 | 609.99 | 1/4 | 255.75 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,384.33 | 1/2 | 2,027.97 | 1/2 | 1,671.62 | 1/2 | 1,315.27 | 1/2 | 958.92   | 1/2 | 602.57 | 1/2 | 248.68 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,376.90 | 3/4 | 2,020.55 | 3/4 | 1,664.20 | 3/4 | 1,307.84 | 3/4 | 951.49   | 3/4 | 595.14 | 3/4 | 241.60 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,369.48 | 7   | 2,013.13 | 7   | 1,656.78 | 7   | 1,300.42 | 7   | 944.07   | 7   | 587.72 | 7   | 234.53 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,362.05 | 1/4 | 2,005.70 | 1/4 | 1,649.35 | 1/4 | 1,293.00 | 1/4 | 936.65   | 1/4 | 580.29 | 1/4 | 227.51 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,354.63 | 1/2 | 1,998.28 | 1/2 | 1,641.93 | 1/2 | 1,285.57 | 1/2 | 929.22   | 1/2 | 572.87 | 1/2 | 220.50 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,347.20 | 3/4 | 1,990.85 | 3/4 | 1,634.50 | 3/4 | 1,278.15 | 3/4 | 921.80   | 3/4 | 565.44 | 3/4 | 213.48 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,339.78 | 8   | 1,983.43 | 8   | 1,627.08 | 8   | 1,270.73 | 8   | 914.38   | 8   | 558.02 | 8   | 206.47 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,332.36 | 1/4 | 1,976.01 | 1/4 | 1,619.65 | 1/4 | 1,263.30 | 1/4 | 906.95   | 1/4 | 550.60 | 1/4 | 199.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,324.93 | 1/2 | 1,968.58 | 1/2 | 1,612.23 | 1/2 | 1,255.88 | 1/2 | 899.53   | 1/2 | 543.17 | 1/2 | 192.56 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,317.51 | 3/4 | 1,961.16 | 3/4 | 1,604.80 | 3/4 | 1,248.45 | 3/4 | 892.10   | 3/4 | 535.75 | 3/4 | 185.61 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,310.09 | 9   | 1,953.74 | 9   | 1,597.38 | 9   | 1,241.03 | 9   | 884.68   | 9   | 528.33 | 9   | 178.66 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,302.66 | 1/4 | 1,946.31 | 1/4 | 1,589.96 | 1/4 | 1,233.61 | 1/4 | 877.25   | 1/4 | 520.83 | 1/4 | 171.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,295.24 | 1/2 | 1,938.89 | 1/2 | 1,582.53 | 1/2 | 1,226.18 | 1/2 | 869.83   | 1/2 | 513.32 | 1/2 | 165.12 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,287.81 | 3/4 | 1,931.46 | 3/4 | 1,575.11 | 3/4 | 1,218.76 | 3/4 | 862.40   | 3/4 | 505.82 | 3/4 | 158.36 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,280.39 | 10  | 1,924.04 | 10  | 1,567.69 | 10  | 1,211.34 | 10  | 854.98   | 10  | 498.32 | 10  | 151.59 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,272.97 | 1/4 | 1,916.61 | 1/4 | 1,560.26 | 1/4 | 1,203.91 | 1/4 | 847.56   | 1/4 | 490.74 | 1/4 | 145.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,265.54 | 1/2 | 1,909.19 | 1/2 | 1,552.84 | 1/2 | 1,196.49 | 1/2 | 840.13   | 1/2 | 483.16 | 1/2 | 138.41 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,258.12 | 3/4 | 1,901.76 | 3/4 | 1,545.41 | 3/4 | 1,189.06 | 3/4 | 832.71   | 3/4 | 475.59 | 3/4 | 131.83 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,250.70 | 11  | 1,894.34 | 11  | 1,537.99 | 11  | 1,181.64 | 11  | 825.29   | 11  | 468.01 | 11  | 125.24 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,243.27 | 1/4 | 1,886.92 | 1/4 | 1,530.57 | 1/4 | 1,174.21 | 1/4 | 817.86   | 1/4 | 460.49 | 1/4 | 118.71 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,235.85 | 1/2 | 1,879.49 | 1/2 | 1,523.14 | 1/2 | 1,166.79 | 1/2 | 810.44   | 1/2 | 452.98 | 1/2 | 112.19 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,228.42 | 3/4 | 1,872.07 | 3/4 | 1,515.72 | 3/4 | 1,159.36 | 3/4 | 803.01   | 3/4 | 445.46 | 3/4 | 105.66 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "HTCO 3061"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |       | 0   | 4,790.32 | 0   | 4,433.68 | 0   | 4,072.43 | 0   | 3,711.19 | 0   | 3,349.94 | 0   | 2,988.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,783.17 | 1/4 | 4,426.15 | 1/4 | 4,064.90 | 1/4 | 3,703.66 | 1/4 | 3,342.41 | 1/4 | 2,981.16 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,776.03 | 1/2 | 4,418.63 | 1/2 | 4,057.38 | 1/2 | 3,696.13 | 1/2 | 3,334.88 | 1/2 | 2,973.63 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,094.98 | 3/4 | 4,768.89 | 3/4 | 4,411.10 | 3/4 | 4,049.85 | 3/4 | 3,688.60 | 3/4 | 3,327.35 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 5,090.99 | 1   | 4,761.75 | 1   | 4,403.58 | 1   | 4,042.33 | 1   | 3,681.08 | 1   | 3,319.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,085.93 | 1/4 | 4,754.61 | 1/4 | 4,396.05 | 1/4 | 4,034.80 | 1/4 | 3,673.55 | 1/4 | 3,312.30 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,080.87 | 1/2 | 4,747.47 | 1/2 | 4,388.52 | 1/2 | 4,027.28 | 1/2 | 3,666.03 | 1/2 | 3,304.78 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,075.81 | 3/4 | 4,740.33 | 3/4 | 4,380.99 | 3/4 | 4,019.75 | 3/4 | 3,658.50 | 3/4 | 3,297.25 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 5,070.76 | 2   | 4,733.19 | 2   | 4,373.47 | 2   | 4,012.23 | 2   | 3,650.98 | 2   | 3,292.47 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,064.66 | 1/4 | 4,726.04 | 1/4 | 4,365.94 | 1/4 | 4,004.70 | 1/4 | 3,643.45 | 1/4 | 3,282.20 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,058.56 | 1/2 | 4,718.90 | 1/2 | 4,358.42 | 1/2 | 3,997.17 | 1/2 | 3,635.92 | 1/2 | 3,274.68 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,052.46 | 3/4 | 4,711.76 | 3/4 | 4,350.89 | 3/4 | 3,989.64 | 3/4 | 3,628.39 | 3/4 | 3,267.15 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 5,046.36 | 3   | 4,704.62 | 3   | 4,343.37 | 3   | 3,982.12 | 3   | 3,620.87 | 3   | 3,259.63 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,039.48 | 1/4 | 4,697.09 | 1/4 | 4,335.84 | 1/4 | 3,974.59 | 1/4 | 3,613.34 | 1/4 | 3,252.10 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,032.61 | 1/2 | 4,689.56 | 1/2 | 4,328.32 | 1/2 | 3,967.07 | 1/2 | 3,605.82 | 1/2 | 3,244.57 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,025.74 | 3/4 | 4,682.03 | 3/4 | 4,320.79 | 3/4 | 3,959.54 | 3/4 | 3,598.29 | 3/4 | 3,237.04 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 5,018.87 | 4   | 4,674.51 | 4   | 4,313.27 | 4   | 3,952.02 | 4   | 3,590.77 | 4   | 3,229.52 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,011.72 | 1/4 | 4,666.98 | 1/4 | 4,305.74 | 1/4 | 3,944.49 | 1/4 | 3,583.24 | 1/4 | 3,221.99 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,004.58 | 1/2 | 4,659.46 | 1/2 | 4,298.21 | 1/2 | 3,936.96 | 1/2 | 3,575.72 | 1/2 | 3,214.47 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,997.44 | 3/4 | 4,651.93 | 3/4 | 4,290.68 | 3/4 | 3,929.43 | 3/4 | 3,568.19 | 3/4 | 3,206.94 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,990.30 | 5   | 4,644.41 | 5   | 4,283.16 | 5   | 3,921.91 | 5   | 3,560.67 | 5   | 3,199.42 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,983.15 | 1/4 | 4,636.88 | 1/4 | 4,275.63 | 1/4 | 3,914.38 | 1/4 | 3,553.14 | 1/4 | 3,191.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,976.01 | 1/2 | 4,629.36 | 1/2 | 4,268.11 | 1/2 | 3,906.86 | 1/2 | 3,545.61 | 1/2 | 3,184.36 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,968.87 | 3/4 | 4,621.83 | 3/4 | 4,260.58 | 3/4 | 3,899.33 | 3/4 | 3,538.08 | 3/4 | 3,176.83 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,961.73 | 6   | 4,614.31 | 6   | 4,253.06 | 6   | 3,891.81 | 6   | 3,530.56 | 6   | 3,169.31 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,954.58 | 1/4 | 4,606.78 | 1/4 | 4,245.53 | 1/4 | 3,884.28 | 1/4 | 3,523.03 | 1/4 | 3,161.78 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,947.44 | 1/2 | 4,599.25 | 1/2 | 4,238.00 | 1/2 | 3,876.76 | 1/2 | 3,515.51 | 1/2 | 3,154.26 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,940.30 | 3/4 | 4,591.72 | 3/4 | 4,230.47 | 3/4 | 3,869.23 | 3/4 | 3,507.98 | 3/4 | 3,146.73 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,933.16 | 7   | 4,584.20 | 7   | 4,222.95 | 7   | 3,861.71 | 7   | 3,500.46 | 7   | 3,139.21 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,926.01 | 1/4 | 4,576.67 | 1/4 | 4,215.42 | 1/4 | 3,854.18 | 1/4 | 3,492.93 | 1/4 | 3,131.68 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,918.87 | 1/2 | 4,569.15 | 1/2 | 4,207.90 | 1/2 | 3,846.65 | 1/2 | 3,485.40 | 1/2 | 3,124.16 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,911.73 | 3/4 | 4,561.62 | 3/4 | 4,200.37 | 3/4 | 3,839.12 | 3/4 | 3,477.87 | 3/4 | 3,116.63 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,904.59 | 8   | 4,554.10 | 8   | 4,192.85 | 8   | 3,831.60 | 8   | 3,470.35 | 8   | 3,109.11 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,897.45 | 1/4 | 4,546.57 | 1/4 | 4,185.32 | 1/4 | 3,824.07 | 1/4 | 3,462.82 | 1/4 | 3,101.58 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,890.31 | 1/2 | 4,539.04 | 1/2 | 4,177.80 | 1/2 | 3,816.55 | 1/2 | 3,455.30 | 1/2 | 3,094.05 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,883.17 | 3/4 | 4,531.51 | 3/4 | 4,170.27 | 3/4 | 3,809.02 | 3/4 | 3,447.77 | 3/4 | 3,086.52 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,876.03 | 9   | 4,523.99 | 9   | 4,162.75 | 9   | 3,801.50 | 9   | 3,440.25 | 9   | 3,078.99 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,868.88 | 1/4 | 4,516.46 | 1/4 | 4,155.22 | 1/4 | 3,793.97 | 1/4 | 3,432.72 | 1/4 | 3,071.47 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,861.74 | 1/2 | 4,508.94 | 1/2 | 4,147.69 | 1/2 | 3,786.44 | 1/2 | 3,425.20 | 1/2 | 3,063.94 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,854.60 | 3/4 | 4,501.41 | 3/4 | 4,140.16 | 3/4 | 3,778.91 | 3/4 | 3,417.67 | 3/4 | 3,056.42 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,847.46 | 10  | 4,493.89 | 10  | 4,132.64 | 10  | 3,771.39 | 10  | 3,410.15 | 10  | 3,048.89 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,840.31 | 1/4 | 4,486.36 | 1/4 | 4,125.11 | 1/4 | 3,763.86 | 1/4 | 3,402.62 | 1/4 | 3,041.37 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,833.17 | 1/2 | 4,478.84 | 1/2 | 4,117.59 | 1/2 | 3,756.34 | 1/2 | 3,395.09 | 1/2 | 3,033.84 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,826.03 | 3/4 | 4,471.31 | 3/4 | 4,110.06 | 3/4 | 3,748.81 | 3/4 | 3,387.56 | 3/4 | 3,026.31 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,818.89 | 11  | 4,463.79 | 11  | 4,102.54 | 11  | 3,741.29 | 11  | 3,380.04 | 11  | 3,018.78 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,811.74 | 1/4 | 4,456.26 | 1/4 | 4,095.01 | 1/4 | 3,733.76 | 1/4 | 3,372.51 | 1/4 | 3,011.26 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,804.60 | 1/2 | 4,448.73 | 1/2 | 4,087.48 | 1/2 | 3,726.24 | 1/2 | 3,364.99 | 1/2 | 3,003.73 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,797.46 | 3/4 | 4,441.20 | 3/4 | 4,079.95 | 3/4 | 3,718.71 | 3/4 | 3,357.46 | 3/4 | 2,996.21 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-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 3061"

## 2 PORT ULLAGE TABLE HERMETIC

GAUGE HEIGHT 17'-03 1/4"

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   | 2,627.43 | 0   | 2,266.18 | 0   | 1,904.94 | 0   | 1,543.69 | 0   | 1,182.44 | 0   | 821.19 | 0   | 459.94 | 0   | 104.62 | 0   |        | 0   |        |
| 1/4 | 2,619.91 | 1/4 | 2,258.66 | 1/4 | 1,897.42 | 1/4 | 1,536.17 | 1/4 | 1,174.92 | 1/4 | 813.67 | 1/4 | 452.42 | 1/4 | 97.69  | 1/4 |        | 1/4 |        |
| 1/2 | 2,612.38 | 1/2 | 2,251.13 | 1/2 | 1,889.89 | 1/2 | 1,528.64 | 1/2 | 1,167.39 | 1/2 | 806.14 | 1/2 | 444.89 | 1/2 | 90.75  | 1/2 |        | 1/2 |        |
| 3/4 | 2,604.86 | 3/4 | 2,243.61 | 3/4 | 1,882.36 | 3/4 | 1,521.11 | 3/4 | 1,159.87 | 3/4 | 798.62 | 3/4 | 437.37 | 3/4 | 83.82  | 3/4 |        | 3/4 |        |
| 1   | 2,597.33 | 1   | 2,236.08 | 1   | 1,874.83 | 1   | 1,513.58 | 1   | 1,152.34 | 1   | 791.09 | 1   | 429.84 | 1   | 76.88  | 1   |        | 1   |        |
| 1/4 | 2,589.81 | 1/4 | 2,228.56 | 1/4 | 1,867.31 | 1/4 | 1,506.06 | 1/4 | 1,144.82 | 1/4 | 783.57 | 1/4 | 422.32 | 1/4 | 69.95  | 1/4 |        | 1/4 |        |
| 1/2 | 2,582.28 | 1/2 | 2,221.03 | 1/2 | 1,859.78 | 1/2 | 1,498.53 | 1/2 | 1,137.29 | 1/2 | 776.04 | 1/2 | 414.79 | 1/2 | 63.01  | 1/2 |        | 1/2 |        |
| 3/4 | 2,574.75 | 3/4 | 2,213.51 | 3/4 | 1,852.26 | 3/4 | 1,491.01 | 3/4 | 1,129.76 | 3/4 | 768.51 | 3/4 | 407.27 | 3/4 | 56.08  | 3/4 |        | 3/4 |        |
| 2   | 2,567.22 | 2   | 2,205.98 | 2   | 1,844.73 | 2   | 1,483.48 | 2   | 1,122.23 | 2   | 760.98 | 2   | 399.74 | 2   | 49.14  | 2   |        | 2   |        |
| 1/4 | 2,559.70 | 1/4 | 2,198.46 | 1/4 | 1,837.21 | 1/4 | 1,475.96 | 1/4 | 1,114.71 | 1/4 | 753.46 | 1/4 | 392.22 | 1/4 | 43.48  | 1/4 |        | 1/4 |        |
| 1/2 | 2,552.17 | 1/2 | 2,190.93 | 1/2 | 1,829.68 | 1/2 | 1,468.43 | 1/2 | 1,107.18 | 1/2 | 745.93 | 1/2 | 384.69 | 1/2 | 37.81  | 1/2 |        | 1/2 |        |
| 3/4 | 2,544.65 | 3/4 | 2,183.40 | 3/4 | 1,822.15 | 3/4 | 1,460.91 | 3/4 | 1,099.66 | 3/4 | 738.41 | 3/4 | 377.16 | 3/4 | 32.15  | 3/4 |        | 3/4 |        |
| 3   | 2,537.12 | 3   | 2,175.87 | 3   | 1,814.62 | 3   | 1,453.38 | 3   | 1,092.13 | 3   | 730.88 | 3   | 369.63 | 3   | 26.48  | 3   |        | 3   |        |
| 1/4 | 2,529.60 | 1/4 | 2,168.35 | 1/4 | 1,807.10 | 1/4 | 1,445.86 | 1/4 | 1,084.61 | 1/4 | 723.36 | 1/4 | 362.11 | 1/4 | 22.50  | 1/4 |        | 1/4 |        |
| 1/2 | 2,522.07 | 1/2 | 2,160.82 | 1/2 | 1,799.57 | 1/2 | 1,438.33 | 1/2 | 1,077.08 | 1/2 | 715.83 | 1/2 | 354.58 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,514.55 | 3/4 | 2,153.30 | 3/4 | 1,792.05 | 3/4 | 1,430.80 | 3/4 | 1,069.55 | 3/4 | 708.31 | 3/4 | 347.06 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,507.02 | 4   | 2,145.77 | 4   | 1,784.52 | 4   | 1,423.27 | 4   | 1,062.02 | 4   | 700.78 | 4   | 339.53 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,499.50 | 1/4 | 2,138.25 | 1/4 | 1,777.00 | 1/4 | 1,415.75 | 1/4 | 1,054.50 | 1/4 | 693.26 | 1/4 | 332.01 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,491.97 | 1/2 | 2,130.72 | 1/2 | 1,769.47 | 1/2 | 1,408.22 | 1/2 | 1,046.97 | 1/2 | 685.73 | 1/2 | 324.48 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,484.44 | 3/4 | 2,123.19 | 3/4 | 1,761.95 | 3/4 | 1,400.70 | 3/4 | 1,039.45 | 3/4 | 678.20 | 3/4 | 316.95 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,476.91 | 5   | 2,115.66 | 5   | 1,754.42 | 5   | 1,393.17 | 5   | 1,031.92 | 5   | 670.67 | 5   | 309.42 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,469.39 | 1/4 | 2,108.14 | 1/4 | 1,746.90 | 1/4 | 1,385.65 | 1/4 | 1,024.40 | 1/4 | 663.15 | 1/4 | 301.90 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,461.86 | 1/2 | 2,100.61 | 1/2 | 1,739.37 | 1/2 | 1,378.12 | 1/2 | 1,016.87 | 1/2 | 655.62 | 1/2 | 294.37 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,454.34 | 3/4 | 2,093.09 | 3/4 | 1,731.84 | 3/4 | 1,370.59 | 3/4 | 1,009.35 | 3/4 | 648.10 | 3/4 | 286.85 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,446.81 | 6   | 2,085.56 | 6   | 1,724.31 | 6   | 1,363.06 | 6   | 1,001.82 | 6   | 640.57 | 6   | 279.32 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,439.29 | 1/4 | 2,078.04 | 1/4 | 1,716.79 | 1/4 | 1,355.54 | 1/4 | 994.30   | 1/4 | 633.05 | 1/4 | 271.80 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,431.76 | 1/2 | 2,070.51 | 1/2 | 1,709.26 | 1/2 | 1,348.01 | 1/2 | 986.77   | 1/2 | 625.52 | 1/2 | 264.27 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,424.23 | 3/4 | 2,062.99 | 3/4 | 1,701.74 | 3/4 | 1,340.49 | 3/4 | 979.24   | 3/4 | 617.99 | 3/4 | 256.75 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,416.70 | 7   | 2,055.46 | 7   | 1,694.21 | 7   | 1,332.96 | 7   | 971.71   | 7   | 610.46 | 7   | 249.22 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,409.18 | 1/4 | 2,047.94 | 1/4 | 1,686.69 | 1/4 | 1,325.44 | 1/4 | 964.19   | 1/4 | 602.94 | 1/4 | 241.70 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,401.65 | 1/2 | 2,040.41 | 1/2 | 1,679.16 | 1/2 | 1,317.91 | 1/2 | 956.66   | 1/2 | 595.41 | 1/2 | 234.17 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,394.13 | 3/4 | 2,032.88 | 3/4 | 1,671.63 | 3/4 | 1,310.39 | 3/4 | 949.14   | 3/4 | 587.89 | 3/4 | 226.64 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,386.60 | 8   | 2,025.35 | 8   | 1,664.10 | 8   | 1,302.86 | 8   | 941.61   | 8   | 580.36 | 8   | 219.11 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,379.08 | 1/4 | 2,017.83 | 1/4 | 1,656.58 | 1/4 | 1,295.34 | 1/4 | 934.09   | 1/4 | 572.84 | 1/4 | 211.59 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,371.55 | 1/2 | 2,010.30 | 1/2 | 1,649.05 | 1/2 | 1,287.81 | 1/2 | 926.56   | 1/2 | 565.31 | 1/2 | 204.06 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,364.03 | 3/4 | 2,002.78 | 3/4 | 1,641.53 | 3/4 | 1,280.28 | 3/4 | 919.03   | 3/4 | 557.79 | 3/4 | 196.54 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,356.50 | 9   | 1,995.25 | 9   | 1,634.00 | 9   | 1,272.75 | 9   | 911.50   | 9   | 550.26 | 9   | 189.01 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,348.98 | 1/4 | 1,987.73 | 1/4 | 1,626.48 | 1/4 | 1,265.23 | 1/4 | 903.98   | 1/4 | 542.74 | 1/4 | 181.78 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,341.45 | 1/2 | 1,980.20 | 1/2 | 1,618.95 | 1/2 | 1,257.70 | 1/2 | 896.45   | 1/2 | 535.21 | 1/2 | 174.55 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,333.92 | 3/4 | 1,972.67 | 3/4 | 1,611.43 | 3/4 | 1,250.18 | 3/4 | 888.93   | 3/4 | 527.68 | 3/4 | 167.32 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,326.39 | 10  | 1,965.14 | 10  | 1,603.90 | 10  | 1,242.65 | 10  | 881.40   | 10  | 520.15 | 10  | 160.09 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,318.87 | 1/4 | 1,957.62 | 1/4 | 1,596.38 | 1/4 | 1,235.13 | 1/4 | 873.88   | 1/4 | 512.63 | 1/4 | 153.16 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,311.34 | 1/2 | 1,950.09 | 1/2 | 1,588.85 | 1/2 | 1,227.60 | 1/2 | 866.35   | 1/2 | 505.10 | 1/2 | 146.22 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,303.82 | 3/4 | 1,942.57 | 3/4 | 1,581.32 | 3/4 | 1,220.07 | 3/4 | 858.83   | 3/4 | 497.58 | 3/4 | 139.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,296.29 | 11  | 1,935.04 | 11  | 1,573.79 | 11  | 1,212.54 | 11  | 851.30   | 11  | 490.05 | 11  | 132.35 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,288.77 | 1/4 | 1,927.52 | 1/4 | 1,566.27 | 1/4 | 1,205.02 | 1/4 | 843.78   | 1/4 | 482.53 | 1/4 | 125.42 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,281.24 | 1/2 | 1,919.99 | 1/2 | 1,558.74 | 1/2 | 1,197.49 | 1/2 | 836.25   | 1/2 | 475.00 | 1/2 | 118.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,273.71 | 3/4 | 1,912.47 | 3/4 | 1,551.22 | 3/4 | 1,189.97 | 3/4 | 828.72   | 3/4 | 467.47 | 3/4 | 111.56 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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





# BARGE "HTCO 3061"

## 2 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |       | 0   | 4,790.32 | 0   | 4,433.68 | 0   | 4,072.43 | 0   | 3,711.19 | 0   | 3,349.94 | 0   | 2,988.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,783.17 | 1/4 | 4,426.15 | 1/4 | 4,064.90 | 1/4 | 3,703.66 | 1/4 | 3,342.41 | 1/4 | 2,981.16 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,776.03 | 1/2 | 4,418.63 | 1/2 | 4,057.38 | 1/2 | 3,696.13 | 1/2 | 3,334.88 | 1/2 | 2,973.63 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,094.98 | 3/4 | 4,768.89 | 3/4 | 4,411.10 | 3/4 | 4,049.85 | 3/4 | 3,688.60 | 3/4 | 3,327.35 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 5,090.99 | 1   | 4,761.75 | 1   | 4,403.58 | 1   | 4,042.33 | 1   | 3,681.08 | 1   | 3,319.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,085.93 | 1/4 | 4,754.61 | 1/4 | 4,396.05 | 1/4 | 4,034.80 | 1/4 | 3,673.55 | 1/4 | 3,312.30 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,080.87 | 1/2 | 4,747.47 | 1/2 | 4,388.52 | 1/2 | 4,027.28 | 1/2 | 3,666.03 | 1/2 | 3,304.78 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,075.81 | 3/4 | 4,740.33 | 3/4 | 4,380.99 | 3/4 | 4,019.75 | 3/4 | 3,658.50 | 3/4 | 3,297.25 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 5,070.76 | 2   | 4,733.19 | 2   | 4,373.47 | 2   | 4,012.23 | 2   | 3,650.98 | 2   | 3,289.73 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,064.66 | 1/4 | 4,726.04 | 1/4 | 4,365.94 | 1/4 | 4,004.70 | 1/4 | 3,643.45 | 1/4 | 3,282.20 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,058.56 | 1/2 | 4,718.90 | 1/2 | 4,358.42 | 1/2 | 3,997.17 | 1/2 | 3,635.92 | 1/2 | 3,274.68 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,052.46 | 3/4 | 4,711.76 | 3/4 | 4,350.89 | 3/4 | 3,989.64 | 3/4 | 3,628.39 | 3/4 | 3,267.15 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 5,046.36 | 3   | 4,704.62 | 3   | 4,343.37 | 3   | 3,982.12 | 3   | 3,620.87 | 3   | 3,259.63 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,039.48 | 1/4 | 4,697.09 | 1/4 | 4,335.84 | 1/4 | 3,974.59 | 1/4 | 3,613.34 | 1/4 | 3,252.10 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,032.61 | 1/2 | 4,689.56 | 1/2 | 4,328.32 | 1/2 | 3,967.07 | 1/2 | 3,605.82 | 1/2 | 3,244.57 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,025.74 | 3/4 | 4,682.03 | 3/4 | 4,320.79 | 3/4 | 3,959.54 | 3/4 | 3,598.29 | 3/4 | 3,237.04 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 5,018.87 | 4   | 4,674.51 | 4   | 4,313.27 | 4   | 3,952.02 | 4   | 3,590.77 | 4   | 3,229.52 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,011.72 | 1/4 | 4,666.98 | 1/4 | 4,305.74 | 1/4 | 3,944.49 | 1/4 | 3,583.24 | 1/4 | 3,221.99 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,004.58 | 1/2 | 4,659.46 | 1/2 | 4,298.21 | 1/2 | 3,936.96 | 1/2 | 3,575.72 | 1/2 | 3,214.47 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,997.44 | 3/4 | 4,651.93 | 3/4 | 4,290.68 | 3/4 | 3,929.43 | 3/4 | 3,568.19 | 3/4 | 3,206.94 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,990.30 | 5   | 4,644.41 | 5   | 4,283.16 | 5   | 3,921.91 | 5   | 3,560.67 | 5   | 3,199.42 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,983.15 | 1/4 | 4,636.88 | 1/4 | 4,275.63 | 1/4 | 3,914.38 | 1/4 | 3,553.14 | 1/4 | 3,191.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,976.01 | 1/2 | 4,629.36 | 1/2 | 4,268.11 | 1/2 | 3,906.86 | 1/2 | 3,545.61 | 1/2 | 3,184.36 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,968.87 | 3/4 | 4,621.83 | 3/4 | 4,260.58 | 3/4 | 3,899.33 | 3/4 | 3,538.08 | 3/4 | 3,176.83 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,961.73 | 6   | 4,614.31 | 6   | 4,253.06 | 6   | 3,891.81 | 6   | 3,530.56 | 6   | 3,169.31 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,954.58 | 1/4 | 4,606.78 | 1/4 | 4,245.53 | 1/4 | 3,884.28 | 1/4 | 3,523.03 | 1/4 | 3,161.78 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,947.44 | 1/2 | 4,599.25 | 1/2 | 4,238.00 | 1/2 | 3,876.76 | 1/2 | 3,515.51 | 1/2 | 3,154.26 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,940.30 | 3/4 | 4,591.72 | 3/4 | 4,230.47 | 3/4 | 3,869.23 | 3/4 | 3,507.98 | 3/4 | 3,146.73 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,933.16 | 7   | 4,584.20 | 7   | 4,222.95 | 7   | 3,861.71 | 7   | 3,500.46 | 7   | 3,139.21 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,926.01 | 1/4 | 4,576.67 | 1/4 | 4,215.42 | 1/4 | 3,854.18 | 1/4 | 3,492.93 | 1/4 | 3,131.68 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,918.87 | 1/2 | 4,569.15 | 1/2 | 4,207.90 | 1/2 | 3,846.65 | 1/2 | 3,485.40 | 1/2 | 3,124.16 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,911.73 | 3/4 | 4,561.62 | 3/4 | 4,200.37 | 3/4 | 3,839.12 | 3/4 | 3,477.87 | 3/4 | 3,116.63 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,904.59 | 8   | 4,554.10 | 8   | 4,192.85 | 8   | 3,831.60 | 8   | 3,470.35 | 8   | 3,109.11 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,897.45 | 1/4 | 4,546.57 | 1/4 | 4,185.32 | 1/4 | 3,824.07 | 1/4 | 3,462.82 | 1/4 | 3,101.58 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,890.31 | 1/2 | 4,539.04 | 1/2 | 4,177.80 | 1/2 | 3,816.55 | 1/2 | 3,455.30 | 1/2 | 3,094.05 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,883.17 | 3/4 | 4,531.51 | 3/4 | 4,170.27 | 3/4 | 3,809.02 | 3/4 | 3,447.77 | 3/4 | 3,086.52 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,876.03 | 9   | 4,523.99 | 9   | 4,162.75 | 9   | 3,801.50 | 9   | 3,440.25 | 9   | 3,078.99 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,868.88 | 1/4 | 4,516.46 | 1/4 | 4,155.22 | 1/4 | 3,793.97 | 1/4 | 3,432.72 | 1/4 | 3,071.47 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,861.74 | 1/2 | 4,508.94 | 1/2 | 4,147.69 | 1/2 | 3,786.44 | 1/2 | 3,425.20 | 1/2 | 3,063.94 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,854.60 | 3/4 | 4,501.41 | 3/4 | 4,140.16 | 3/4 | 3,778.91 | 3/4 | 3,417.67 | 3/4 | 3,056.42 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,847.46 | 10  | 4,493.89 | 10  | 4,132.64 | 10  | 3,771.39 | 10  | 3,410.15 | 10  | 3,048.89 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,840.31 | 1/4 | 4,486.36 | 1/4 | 4,125.11 | 1/4 | 3,763.86 | 1/4 | 3,402.62 | 1/4 | 3,041.37 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,833.17 | 1/2 | 4,478.84 | 1/2 | 4,117.59 | 1/2 | 3,756.34 | 1/2 | 3,395.09 | 1/2 | 3,033.84 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,826.03 | 3/4 | 4,471.31 | 3/4 | 4,110.06 | 3/4 | 3,748.81 | 3/4 | 3,387.56 | 3/4 | 3,026.31 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,818.89 | 11  | 4,463.79 | 11  | 4,102.54 | 11  | 3,741.29 | 11  | 3,380.04 | 11  | 3,018.78 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,811.74 | 1/4 | 4,456.26 | 1/4 | 4,095.01 | 1/4 | 3,733.76 | 1/4 | 3,372.51 | 1/4 | 3,011.26 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,804.60 | 1/2 | 4,448.73 | 1/2 | 4,087.48 | 1/2 | 3,726.24 | 1/2 | 3,364.99 | 1/2 | 3,003.73 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,797.46 | 3/4 | 4,441.20 | 3/4 | 4,079.95 | 3/4 | 3,718.71 | 3/4 | 3,357.46 | 3/4 | 2,996.21 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 46'-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 3061"

## 2 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/4"

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   | 2,627.43 | 0   | 2,266.18 | 0   | 1,904.94 | 0   | 1,543.69 | 0   | 1,182.44 | 0   | 821.19 | 0   | 459.94 | 0   | 104.62 | 0   |        | 0   |        |
| 1/4 | 2,619.91 | 1/4 | 2,258.66 | 1/4 | 1,897.42 | 1/4 | 1,536.17 | 1/4 | 1,174.92 | 1/4 | 813.67 | 1/4 | 452.42 | 1/4 | 97.69  | 1/4 |        | 1/4 |        |
| 1/2 | 2,612.38 | 1/2 | 2,251.13 | 1/2 | 1,889.89 | 1/2 | 1,528.64 | 1/2 | 1,167.39 | 1/2 | 806.14 | 1/2 | 444.89 | 1/2 | 90.75  | 1/2 |        | 1/2 |        |
| 3/4 | 2,604.86 | 3/4 | 2,243.61 | 3/4 | 1,882.36 | 3/4 | 1,521.11 | 3/4 | 1,159.87 | 3/4 | 798.62 | 3/4 | 437.37 | 3/4 | 83.82  | 3/4 |        | 3/4 |        |
| 1   | 2,597.33 | 1   | 2,236.08 | 1   | 1,874.83 | 1   | 1,513.58 | 1   | 1,152.34 | 1   | 791.09 | 1   | 429.84 | 1   | 76.88  | 1   |        | 1   |        |
| 1/4 | 2,589.81 | 1/4 | 2,228.56 | 1/4 | 1,867.31 | 1/4 | 1,506.06 | 1/4 | 1,144.82 | 1/4 | 783.57 | 1/4 | 422.32 | 1/4 | 69.95  | 1/4 |        | 1/4 |        |
| 1/2 | 2,582.28 | 1/2 | 2,221.03 | 1/2 | 1,859.78 | 1/2 | 1,498.53 | 1/2 | 1,137.29 | 1/2 | 776.04 | 1/2 | 414.79 | 1/2 | 63.01  | 1/2 |        | 1/2 |        |
| 3/4 | 2,574.75 | 3/4 | 2,213.51 | 3/4 | 1,852.26 | 3/4 | 1,491.01 | 3/4 | 1,129.76 | 3/4 | 768.51 | 3/4 | 407.27 | 3/4 | 56.08  | 3/4 |        | 3/4 |        |
| 2   | 2,567.22 | 2   | 2,205.98 | 2   | 1,844.73 | 2   | 1,483.48 | 2   | 1,122.23 | 2   | 760.98 | 2   | 399.74 | 2   | 49.14  | 2   |        | 2   |        |
| 1/4 | 2,559.70 | 1/4 | 2,198.46 | 1/4 | 1,837.21 | 1/4 | 1,475.96 | 1/4 | 1,114.71 | 1/4 | 753.46 | 1/4 | 392.22 | 1/4 | 43.48  | 1/4 |        | 1/4 |        |
| 1/2 | 2,552.17 | 1/2 | 2,190.93 | 1/2 | 1,829.68 | 1/2 | 1,468.43 | 1/2 | 1,107.18 | 1/2 | 745.93 | 1/2 | 384.69 | 1/2 | 37.81  | 1/2 |        | 1/2 |        |
| 3/4 | 2,544.65 | 3/4 | 2,183.40 | 3/4 | 1,822.15 | 3/4 | 1,460.91 | 3/4 | 1,099.66 | 3/4 | 738.41 | 3/4 | 377.16 | 3/4 | 32.15  | 3/4 |        | 3/4 |        |
| 3   | 2,537.12 | 3   | 2,175.87 | 3   | 1,814.62 | 3   | 1,453.38 | 3   | 1,092.13 | 3   | 730.88 | 3   | 369.63 | 3   | 26.48  | 3   |        | 3   |        |
| 1/4 | 2,529.60 | 1/4 | 2,168.35 | 1/4 | 1,807.10 | 1/4 | 1,445.86 | 1/4 | 1,084.61 | 1/4 | 723.36 | 1/4 | 362.11 | 1/4 | 22.50  | 1/4 |        | 1/4 |        |
| 1/2 | 2,522.07 | 1/2 | 2,160.82 | 1/2 | 1,799.57 | 1/2 | 1,438.33 | 1/2 | 1,077.08 | 1/2 | 715.83 | 1/2 | 354.58 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,514.55 | 3/4 | 2,153.30 | 3/4 | 1,792.05 | 3/4 | 1,430.80 | 3/4 | 1,069.55 | 3/4 | 708.31 | 3/4 | 347.06 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,507.02 | 4   | 2,145.77 | 4   | 1,784.52 | 4   | 1,423.27 | 4   | 1,062.02 | 4   | 700.78 | 4   | 339.53 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,499.50 | 1/4 | 2,138.25 | 1/4 | 1,777.00 | 1/4 | 1,415.75 | 1/4 | 1,054.50 | 1/4 | 693.26 | 1/4 | 332.01 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,491.97 | 1/2 | 2,130.72 | 1/2 | 1,769.47 | 1/2 | 1,408.22 | 1/2 | 1,046.97 | 1/2 | 685.73 | 1/2 | 324.48 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,484.44 | 3/4 | 2,123.19 | 3/4 | 1,761.95 | 3/4 | 1,400.70 | 3/4 | 1,039.45 | 3/4 | 678.20 | 3/4 | 316.95 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,476.91 | 5   | 2,115.66 | 5   | 1,754.42 | 5   | 1,393.17 | 5   | 1,031.92 | 5   | 670.67 | 5   | 309.42 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,469.39 | 1/4 | 2,108.14 | 1/4 | 1,746.90 | 1/4 | 1,385.65 | 1/4 | 1,024.40 | 1/4 | 663.15 | 1/4 | 301.90 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,461.86 | 1/2 | 2,100.61 | 1/2 | 1,739.37 | 1/2 | 1,378.12 | 1/2 | 1,016.87 | 1/2 | 655.62 | 1/2 | 294.37 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,454.34 | 3/4 | 2,093.09 | 3/4 | 1,731.84 | 3/4 | 1,370.59 | 3/4 | 1,009.35 | 3/4 | 648.10 | 3/4 | 286.85 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,446.81 | 6   | 2,085.56 | 6   | 1,724.31 | 6   | 1,363.06 | 6   | 1,001.82 | 6   | 640.57 | 6   | 279.32 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,439.29 | 1/4 | 2,078.04 | 1/4 | 1,716.79 | 1/4 | 1,355.54 | 1/4 | 994.30   | 1/4 | 633.05 | 1/4 | 271.80 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,431.76 | 1/2 | 2,070.51 | 1/2 | 1,709.26 | 1/2 | 1,348.01 | 1/2 | 986.77   | 1/2 | 625.52 | 1/2 | 264.27 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,424.23 | 3/4 | 2,062.99 | 3/4 | 1,701.74 | 3/4 | 1,340.49 | 3/4 | 979.24   | 3/4 | 617.99 | 3/4 | 256.75 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,416.70 | 7   | 2,055.46 | 7   | 1,694.21 | 7   | 1,332.96 | 7   | 971.71   | 7   | 610.46 | 7   | 249.22 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,409.18 | 1/4 | 2,047.94 | 1/4 | 1,686.69 | 1/4 | 1,325.44 | 1/4 | 964.19   | 1/4 | 602.94 | 1/4 | 241.70 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,401.65 | 1/2 | 2,040.41 | 1/2 | 1,679.16 | 1/2 | 1,317.91 | 1/2 | 956.66   | 1/2 | 595.41 | 1/2 | 234.17 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,394.13 | 3/4 | 2,032.88 | 3/4 | 1,671.63 | 3/4 | 1,310.39 | 3/4 | 949.14   | 3/4 | 587.89 | 3/4 | 226.64 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,386.60 | 8   | 2,025.35 | 8   | 1,664.10 | 8   | 1,302.86 | 8   | 941.61   | 8   | 580.36 | 8   | 219.11 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,379.08 | 1/4 | 2,017.83 | 1/4 | 1,656.58 | 1/4 | 1,295.34 | 1/4 | 934.09   | 1/4 | 572.84 | 1/4 | 211.59 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,371.55 | 1/2 | 2,010.30 | 1/2 | 1,649.05 | 1/2 | 1,287.81 | 1/2 | 926.56   | 1/2 | 565.31 | 1/2 | 204.06 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,364.03 | 3/4 | 2,002.78 | 3/4 | 1,641.53 | 3/4 | 1,280.28 | 3/4 | 919.03   | 3/4 | 557.79 | 3/4 | 196.54 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,356.50 | 9   | 1,995.25 | 9   | 1,634.00 | 9   | 1,272.75 | 9   | 911.50   | 9   | 550.26 | 9   | 189.01 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,348.98 | 1/4 | 1,987.73 | 1/4 | 1,626.48 | 1/4 | 1,265.23 | 1/4 | 903.98   | 1/4 | 542.74 | 1/4 | 181.78 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,341.45 | 1/2 | 1,980.20 | 1/2 | 1,618.95 | 1/2 | 1,257.70 | 1/2 | 896.45   | 1/2 | 535.21 | 1/2 | 174.55 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,333.92 | 3/4 | 1,972.67 | 3/4 | 1,611.43 | 3/4 | 1,250.18 | 3/4 | 888.93   | 3/4 | 527.68 | 3/4 | 167.32 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,326.39 | 10  | 1,965.14 | 10  | 1,603.90 | 10  | 1,242.65 | 10  | 881.40   | 10  | 520.15 | 10  | 160.09 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,318.87 | 1/4 | 1,957.62 | 1/4 | 1,596.38 | 1/4 | 1,235.13 | 1/4 | 873.88   | 1/4 | 512.63 | 1/4 | 153.16 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,311.34 | 1/2 | 1,950.09 | 1/2 | 1,588.85 | 1/2 | 1,227.60 | 1/2 | 866.35   | 1/2 | 505.10 | 1/2 | 146.22 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,303.82 | 3/4 | 1,942.57 | 3/4 | 1,581.32 | 3/4 | 1,220.07 | 3/4 | 858.83   | 3/4 | 497.58 | 3/4 | 139.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,296.29 | 11  | 1,935.04 | 11  | 1,573.79 | 11  | 1,212.54 | 11  | 851.30   | 11  | 490.05 | 11  | 132.35 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,288.77 | 1/4 | 1,927.52 | 1/4 | 1,566.27 | 1/4 | 1,205.02 | 1/4 | 843.78   | 1/4 | 482.53 | 1/4 | 125.42 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,281.24 | 1/2 | 1,919.99 | 1/2 | 1,558.74 | 1/2 | 1,197.49 | 1/2 | 836.25   | 1/2 | 475.00 | 1/2 | 118.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,273.71 | 3/4 | 1,912.47 | 3/4 | 1,551.22 | 3/4 | 1,189.97 | 3/4 | 828.72   | 3/4 | 467.47 | 3/4 | 111.56 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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<http://www.pmacorp.net>



# BARGE "HTCO 3061"

## 3 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 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   |       | 0   | 4,372.26 | 0   | 4,127.75 | 0   | 3,883.24 | 0   | 3,638.72 | 0   | 3,336.81 | 0   | 2,980.27 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,367.17 | 1/4 | 4,122.66 | 1/4 | 3,878.15 | 1/4 | 3,633.63 | 1/4 | 3,329.38 | 1/4 | 2,972.84 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,362.07 | 1/2 | 4,117.56 | 1/2 | 3,873.05 | 1/2 | 3,628.54 | 1/2 | 3,321.96 | 1/2 | 2,965.42 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,590.97 | 3/4 | 4,356.98 | 3/4 | 4,112.46 | 3/4 | 3,867.96 | 3/4 | 3,623.44 | 3/4 | 3,314.53 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 4,588.04 | 1   | 4,351.88 | 1   | 4,107.37 | 1   | 3,862.86 | 1   | 3,618.35 | 1   | 3,307.10 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,584.33 | 1/4 | 4,346.79 | 1/4 | 4,102.28 | 1/4 | 3,857.77 | 1/4 | 3,613.26 | 1/4 | 3,299.67 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,580.62 | 1/2 | 4,341.70 | 1/2 | 4,097.18 | 1/2 | 3,852.67 | 1/2 | 3,608.16 | 1/2 | 3,292.25 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,576.91 | 3/4 | 4,336.60 | 3/4 | 4,092.09 | 3/4 | 3,847.58 | 3/4 | 3,603.07 | 3/4 | 3,284.82 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 4,573.20 | 2   | 4,331.51 | 2   | 4,087.00 | 2   | 3,842.48 | 2   | 3,597.97 | 2   | 3,277.39 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,568.71 | 1/4 | 4,326.42 | 1/4 | 4,081.90 | 1/4 | 3,837.39 | 1/4 | 3,592.88 | 1/4 | 3,269.96 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,564.21 | 1/2 | 4,321.32 | 1/2 | 4,076.81 | 1/2 | 3,832.30 | 1/2 | 3,587.79 | 1/2 | 3,262.54 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,559.72 | 3/4 | 4,316.23 | 3/4 | 4,071.72 | 3/4 | 3,827.20 | 3/4 | 3,582.69 | 3/4 | 3,255.11 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 4,555.22 | 3   | 4,311.13 | 3   | 4,066.62 | 3   | 3,822.11 | 3   | 3,577.60 | 3   | 3,247.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,550.23 | 1/4 | 4,306.04 | 1/4 | 4,061.53 | 1/4 | 3,817.02 | 1/4 | 3,572.12 | 1/4 | 3,240.25 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,545.25 | 1/2 | 4,300.95 | 1/2 | 4,056.43 | 1/2 | 3,811.92 | 1/2 | 3,566.64 | 1/2 | 3,232.82 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,540.26 | 3/4 | 4,295.85 | 3/4 | 4,051.34 | 3/4 | 3,806.83 | 3/4 | 3,561.16 | 3/4 | 3,225.39 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 4,535.27 | 4   | 4,290.76 | 4   | 4,046.24 | 4   | 3,801.73 | 4   | 3,555.68 | 4   | 3,217.96 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,530.18 | 1/4 | 4,285.67 | 1/4 | 4,041.15 | 1/4 | 3,796.64 | 1/4 | 3,549.89 | 1/4 | 3,210.53 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,525.08 | 1/2 | 4,280.57 | 1/2 | 4,036.06 | 1/2 | 3,791.55 | 1/2 | 3,544.09 | 1/2 | 3,203.11 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,519.99 | 3/4 | 4,275.48 | 3/4 | 4,030.96 | 3/4 | 3,786.45 | 3/4 | 3,538.30 | 3/4 | 3,195.68 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,514.89 | 5   | 4,270.38 | 5   | 4,025.87 | 5   | 3,781.36 | 5   | 3,532.50 | 5   | 3,188.25 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,509.80 | 1/4 | 4,265.29 | 1/4 | 4,020.78 | 1/4 | 3,776.27 | 1/4 | 3,526.36 | 1/4 | 3,180.82 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,504.71 | 1/2 | 4,260.19 | 1/2 | 4,015.68 | 1/2 | 3,771.17 | 1/2 | 3,520.22 | 1/2 | 3,173.40 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,499.61 | 3/4 | 4,255.10 | 3/4 | 4,010.59 | 3/4 | 3,766.08 | 3/4 | 3,514.08 | 3/4 | 3,165.97 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,494.52 | 6   | 4,250.00 | 6   | 4,005.49 | 6   | 3,760.98 | 6   | 3,507.94 | 6   | 3,158.54 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,489.43 | 1/4 | 4,244.91 | 1/4 | 4,000.40 | 1/4 | 3,755.89 | 1/4 | 3,501.46 | 1/4 | 3,151.11 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,484.33 | 1/2 | 4,239.82 | 1/2 | 3,995.31 | 1/2 | 3,750.79 | 1/2 | 3,494.97 | 1/2 | 3,143.69 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,479.24 | 3/4 | 4,234.72 | 3/4 | 3,990.21 | 3/4 | 3,745.70 | 3/4 | 3,488.49 | 3/4 | 3,136.26 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,474.14 | 7   | 4,229.63 | 7   | 3,985.12 | 7   | 3,740.60 | 7   | 3,482.00 | 7   | 3,128.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,469.05 | 1/4 | 4,224.54 | 1/4 | 3,980.03 | 1/4 | 3,735.51 | 1/4 | 3,475.17 | 1/4 | 3,121.40 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,463.95 | 1/2 | 4,219.44 | 1/2 | 3,974.93 | 1/2 | 3,730.42 | 1/2 | 3,468.34 | 1/2 | 3,113.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,458.86 | 3/4 | 4,214.35 | 3/4 | 3,969.84 | 3/4 | 3,725.32 | 3/4 | 3,461.51 | 3/4 | 3,106.55 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,453.76 | 8   | 4,209.25 | 8   | 3,964.74 | 8   | 3,720.23 | 8   | 3,454.68 | 8   | 3,099.12 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,448.67 | 1/4 | 4,204.16 | 1/4 | 3,959.65 | 1/4 | 3,715.14 | 1/4 | 3,447.50 | 1/4 | 3,091.69 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,443.58 | 1/2 | 4,199.07 | 1/2 | 3,954.55 | 1/2 | 3,710.04 | 1/2 | 3,440.33 | 1/2 | 3,084.26 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,438.48 | 3/4 | 4,193.97 | 3/4 | 3,949.46 | 3/4 | 3,704.95 | 3/4 | 3,433.15 | 3/4 | 3,076.83 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,433.39 | 9   | 4,188.88 | 9   | 3,944.36 | 9   | 3,699.85 | 9   | 3,425.97 | 9   | 3,069.40 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,428.30 | 1/4 | 4,183.79 | 1/4 | 3,939.27 | 1/4 | 3,694.76 | 1/4 | 3,418.54 | 1/4 | 3,061.97 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,423.20 | 1/2 | 4,178.69 | 1/2 | 3,934.18 | 1/2 | 3,689.67 | 1/2 | 3,411.11 | 1/2 | 3,054.55 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,418.11 | 3/4 | 4,173.60 | 3/4 | 3,929.08 | 3/4 | 3,684.57 | 3/4 | 3,403.67 | 3/4 | 3,047.12 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,413.01 | 10  | 4,168.50 | 10  | 3,923.99 | 10  | 3,679.48 | 10  | 3,396.24 | 10  | 3,039.69 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,407.92 | 1/4 | 4,163.41 | 1/4 | 3,918.90 | 1/4 | 3,674.39 | 1/4 | 3,388.81 | 1/4 | 3,032.26 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,402.83 | 1/2 | 4,158.31 | 1/2 | 3,913.80 | 1/2 | 3,669.29 | 1/2 | 3,381.38 | 1/2 | 3,024.84 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,397.73 | 3/4 | 4,153.21 | 3/4 | 3,908.71 | 3/4 | 3,664.20 | 3/4 | 3,373.95 | 3/4 | 3,017.41 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,392.64 | 11  | 4,148.12 | 11  | 3,903.61 | 11  | 3,659.10 | 11  | 3,366.52 | 11  | 3,009.98 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,387.55 | 1/4 | 4,143.03 | 1/4 | 3,898.52 | 1/4 | 3,654.01 | 1/4 | 3,359.09 | 1/4 | 3,002.55 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,382.45 | 1/2 | 4,137.93 | 1/2 | 3,893.43 | 1/2 | 3,648.91 | 1/2 | 3,351.67 | 1/2 | 2,995.13 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,377.36 | 3/4 | 4,132.84 | 3/4 | 3,888.33 | 3/4 | 3,643.82 | 3/4 | 3,344.24 | 3/4 | 2,987.70 |

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" DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "HTCO 3061"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,623.72 | 0   | 2,267.18 | 0   | 1,910.64 | 0   | 1,554.09 | 0   | 1,197.55 | 0   | 837.42 | 0   | 473.42 | 0   | 111.11 | 0   |        | 0   |        |
| 1/4 | 2,616.29 | 1/4 | 2,259.75 | 1/4 | 1,903.21 | 1/4 | 1,546.66 | 1/4 | 1,190.12 | 1/4 | 829.85 | 1/4 | 465.82 | 1/4 | 103.75 | 1/4 |        | 1/4 |        |
| 1/2 | 2,608.87 | 1/2 | 2,252.33 | 1/2 | 1,895.78 | 1/2 | 1,539.24 | 1/2 | 1,182.70 | 1/2 | 822.29 | 1/2 | 458.22 | 1/2 | 96.40  | 1/2 |        | 1/2 |        |
| 3/4 | 2,601.44 | 3/4 | 2,244.90 | 3/4 | 1,888.35 | 3/4 | 1,531.81 | 3/4 | 1,175.27 | 3/4 | 814.72 | 3/4 | 450.62 | 3/4 | 89.04  | 3/4 |        | 3/4 |        |
| 1   | 2,594.01 | 1   | 2,237.47 | 1   | 1,880.92 | 1   | 1,524.38 | 1   | 1,167.84 | 1   | 807.15 | 1   | 443.02 | 1   | 81.68  | 1   |        | 1   |        |
| 1/4 | 2,586.58 | 1/4 | 2,230.04 | 1/4 | 1,873.49 | 1/4 | 1,516.95 | 1/4 | 1,160.41 | 1/4 | 799.59 | 1/4 | 435.42 | 1/4 | 74.32  | 1/4 |        | 1/4 |        |
| 1/2 | 2,579.16 | 1/2 | 2,222.62 | 1/2 | 1,866.07 | 1/2 | 1,509.53 | 1/2 | 1,152.98 | 1/2 | 792.02 | 1/2 | 427.83 | 1/2 | 66.97  | 1/2 |        | 1/2 |        |
| 3/4 | 2,571.73 | 3/4 | 2,215.19 | 3/4 | 1,858.64 | 3/4 | 1,502.10 | 3/4 | 1,145.55 | 3/4 | 784.46 | 3/4 | 420.23 | 3/4 | 59.61  | 3/4 |        | 3/4 |        |
| 2   | 2,564.30 | 2   | 2,207.76 | 2   | 1,851.21 | 2   | 1,494.67 | 2   | 1,138.12 | 2   | 776.89 | 2   | 412.63 | 2   | 52.25  | 2   |        | 2   |        |
| 1/4 | 2,556.87 | 1/4 | 2,200.33 | 1/4 | 1,843.78 | 1/4 | 1,487.24 | 1/4 | 1,130.69 | 1/4 | 769.32 | 1/4 | 405.03 | 1/4 | 46.25  | 1/4 |        | 1/4 |        |
| 1/2 | 2,549.45 | 1/2 | 2,192.90 | 1/2 | 1,836.36 | 1/2 | 1,479.82 | 1/2 | 1,123.27 | 1/2 | 761.76 | 1/2 | 397.44 | 1/2 | 40.25  | 1/2 |        | 1/2 |        |
| 3/4 | 2,542.02 | 3/4 | 2,185.47 | 3/4 | 1,828.93 | 3/4 | 1,472.39 | 3/4 | 1,115.84 | 3/4 | 754.19 | 3/4 | 389.84 | 3/4 | 34.25  | 3/4 |        | 3/4 |        |
| 3   | 2,534.59 | 3   | 2,178.04 | 3   | 1,821.50 | 3   | 1,464.96 | 3   | 1,108.41 | 3   | 746.62 | 3   | 382.24 | 3   | 28.25  | 3   |        | 3   |        |
| 1/4 | 2,527.16 | 1/4 | 2,170.61 | 1/4 | 1,814.07 | 1/4 | 1,457.53 | 1/4 | 1,100.98 | 1/4 | 739.06 | 1/4 | 374.64 | 1/4 | 24.00  | 1/4 |        | 1/4 |        |
| 1/2 | 2,519.74 | 1/2 | 2,163.19 | 1/2 | 1,806.65 | 1/2 | 1,450.10 | 1/2 | 1,093.56 | 1/2 | 731.49 | 1/2 | 367.05 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,512.31 | 3/4 | 2,155.76 | 3/4 | 1,799.22 | 3/4 | 1,442.67 | 3/4 | 1,086.13 | 3/4 | 723.93 | 3/4 | 359.45 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,504.88 | 4   | 2,148.33 | 4   | 1,791.79 | 4   | 1,435.24 | 4   | 1,078.70 | 4   | 716.36 | 4   | 351.85 | 4   | 4      | 4   |        | 4   | 4      |
| 1/4 | 2,497.45 | 1/4 | 2,140.90 | 1/4 | 1,784.36 | 1/4 | 1,427.81 | 1/4 | 1,071.27 | 1/4 | 708.80 | 1/4 | 344.25 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,490.02 | 1/2 | 2,133.48 | 1/2 | 1,776.94 | 1/2 | 1,420.39 | 1/2 | 1,063.85 | 1/2 | 701.23 | 1/2 | 336.66 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,482.59 | 3/4 | 2,126.05 | 3/4 | 1,769.51 | 3/4 | 1,412.96 | 3/4 | 1,056.42 | 3/4 | 693.67 | 3/4 | 329.06 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,475.16 | 5   | 2,118.62 | 5   | 1,762.08 | 5   | 1,405.53 | 5   | 1,048.99 | 5   | 686.10 | 5   | 321.46 | 5   | 5      | 5   |        | 5   | 5      |
| 1/4 | 2,467.73 | 1/4 | 2,111.19 | 1/4 | 1,754.65 | 1/4 | 1,398.10 | 1/4 | 1,041.49 | 1/4 | 678.52 | 1/4 | 313.86 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,460.31 | 1/2 | 2,103.77 | 1/2 | 1,747.22 | 1/2 | 1,390.68 | 1/2 | 1,034.00 | 1/2 | 670.94 | 1/2 | 306.26 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,452.88 | 3/4 | 2,096.34 | 3/4 | 1,739.79 | 3/4 | 1,383.25 | 3/4 | 1,026.50 | 3/4 | 663.35 | 3/4 | 298.66 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,445.45 | 6   | 2,088.91 | 6   | 1,732.36 | 6   | 1,375.82 | 6   | 1,019.00 | 6   | 655.77 | 6   | 291.06 | 6   | 6      | 6   |        | 6   | 6      |
| 1/4 | 2,438.02 | 1/4 | 2,081.48 | 1/4 | 1,724.93 | 1/4 | 1,368.39 | 1/4 | 1,011.44 | 1/4 | 648.17 | 1/4 | 283.46 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,430.60 | 1/2 | 2,074.06 | 1/2 | 1,717.51 | 1/2 | 1,360.97 | 1/2 | 1,003.87 | 1/2 | 640.58 | 1/2 | 275.87 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,423.17 | 3/4 | 2,066.63 | 3/4 | 1,710.08 | 3/4 | 1,353.54 | 3/4 | 996.31   | 3/4 | 632.98 | 3/4 | 268.27 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,415.74 | 7   | 2,059.20 | 7   | 1,702.65 | 7   | 1,346.11 | 7   | 988.74   | 7   | 625.38 | 7   | 260.67 | 7   | 7      | 7   |        | 7   | 7      |
| 1/4 | 2,408.31 | 1/4 | 2,051.77 | 1/4 | 1,695.22 | 1/4 | 1,338.68 | 1/4 | 981.17   | 1/4 | 617.78 | 1/4 | 253.07 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,400.89 | 1/2 | 2,044.34 | 1/2 | 1,687.80 | 1/2 | 1,331.26 | 1/2 | 973.61   | 1/2 | 610.18 | 1/2 | 245.48 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,393.46 | 3/4 | 2,036.91 | 3/4 | 1,680.37 | 3/4 | 1,323.83 | 3/4 | 966.04   | 3/4 | 602.58 | 3/4 | 237.88 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,386.03 | 8   | 2,029.48 | 8   | 1,672.94 | 8   | 1,316.40 | 8   | 958.47   | 8   | 594.98 | 8   | 230.28 | 8   | 8      | 8   |        | 8   | 8      |
| 1/4 | 2,378.60 | 1/4 | 2,022.05 | 1/4 | 1,665.51 | 1/4 | 1,308.97 | 1/4 | 950.91   | 1/4 | 587.38 | 1/4 | 222.68 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,371.18 | 1/2 | 2,014.63 | 1/2 | 1,658.09 | 1/2 | 1,301.54 | 1/2 | 943.34   | 1/2 | 579.79 | 1/2 | 215.09 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,363.75 | 3/4 | 2,007.20 | 3/4 | 1,650.66 | 3/4 | 1,294.11 | 3/4 | 935.78   | 3/4 | 572.19 | 3/4 | 207.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,356.32 | 9   | 1,999.77 | 9   | 1,643.23 | 9   | 1,286.68 | 9   | 928.21   | 9   | 564.59 | 9   | 199.89 | 9   | 9      | 9   |        | 9   | 9      |
| 1/4 | 2,348.89 | 1/4 | 1,992.34 | 1/4 | 1,635.80 | 1/4 | 1,279.25 | 1/4 | 920.64   | 1/4 | 556.99 | 1/4 | 192.41 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,341.46 | 1/2 | 1,984.92 | 1/2 | 1,628.38 | 1/2 | 1,271.83 | 1/2 | 913.08   | 1/2 | 549.40 | 1/2 | 184.94 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,334.03 | 3/4 | 1,977.49 | 3/4 | 1,620.95 | 3/4 | 1,264.40 | 3/4 | 905.51   | 3/4 | 541.80 | 3/4 | 177.46 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,326.60 | 10  | 1,970.06 | 10  | 1,613.52 | 10  | 1,256.97 | 10  | 897.94   | 10  | 534.20 | 10  | 169.98 | 10  | 10     | 10  |        | 10  | 10     |
| 1/4 | 2,319.17 | 1/4 | 1,962.63 | 1/4 | 1,606.09 | 1/4 | 1,249.54 | 1/4 | 890.38   | 1/4 | 526.60 | 1/4 | 162.62 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,311.75 | 1/2 | 1,955.21 | 1/2 | 1,598.66 | 1/2 | 1,242.12 | 1/2 | 882.81   | 1/2 | 519.01 | 1/2 | 155.26 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,304.32 | 3/4 | 1,947.78 | 3/4 | 1,591.23 | 3/4 | 1,234.69 | 3/4 | 875.25   | 3/4 | 511.41 | 3/4 | 147.90 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,296.89 | 11  | 1,940.35 | 11  | 1,583.80 | 11  | 1,227.26 | 11  | 867.68   | 11  | 503.81 | 11  | 140.54 | 11  | 11     | 11  |        | 11  | 11     |
| 1/4 | 2,289.46 | 1/4 | 1,932.92 | 1/4 | 1,576.37 | 1/4 | 1,219.83 | 1/4 | 860.12   | 1/4 | 496.21 | 1/4 | 133.18 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,282.04 | 1/2 | 1,925.50 | 1/2 | 1,568.95 | 1/2 | 1,212.41 | 1/2 | 852.55   | 1/2 | 488.62 | 1/2 | 125.83 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,274.61 | 3/4 | 1,918.07 | 3/4 | 1,561.52 | 3/4 | 1,204.98 | 3/4 | 844.99   | 3/4 | 481.02 | 3/4 | 118.47 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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



# BARGE "HTCO 3061"

## 3 STBD ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |       | 0   | 4,372.26 | 0   | 4,127.75 | 0   | 3,883.24 | 0   | 3,638.72 | 0   | 3,336.81 | 0   | 2,980.27 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,367.17 | 1/4 | 4,122.66 | 1/4 | 3,878.15 | 1/4 | 3,633.63 | 1/4 | 3,329.38 | 1/4 | 2,972.84 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,362.07 | 1/2 | 4,117.56 | 1/2 | 3,873.05 | 1/2 | 3,628.54 | 1/2 | 3,321.96 | 1/2 | 2,965.42 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,590.97 | 3/4 | 4,356.98 | 3/4 | 4,112.46 | 3/4 | 3,867.96 | 3/4 | 3,623.44 | 3/4 | 3,314.53 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 4,588.04 | 1   | 4,351.88 | 1   | 4,107.37 | 1   | 3,862.86 | 1   | 3,618.35 | 1   | 3,307.10 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,584.33 | 1/4 | 4,346.79 | 1/4 | 4,102.28 | 1/4 | 3,857.77 | 1/4 | 3,613.26 | 1/4 | 3,299.67 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,580.62 | 1/2 | 4,341.70 | 1/2 | 4,097.18 | 1/2 | 3,852.67 | 1/2 | 3,608.16 | 1/2 | 3,292.25 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,576.91 | 3/4 | 4,336.60 | 3/4 | 4,092.09 | 3/4 | 3,847.58 | 3/4 | 3,603.07 | 3/4 | 3,284.82 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 4,573.20 | 2   | 4,331.51 | 2   | 4,087.00 | 2   | 3,842.48 | 2   | 3,597.97 | 2   | 3,277.39 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,568.71 | 1/4 | 4,326.42 | 1/4 | 4,081.90 | 1/4 | 3,837.39 | 1/4 | 3,592.88 | 1/4 | 3,269.96 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,564.21 | 1/2 | 4,321.32 | 1/2 | 4,076.81 | 1/2 | 3,832.30 | 1/2 | 3,587.79 | 1/2 | 3,262.54 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,559.72 | 3/4 | 4,316.23 | 3/4 | 4,071.72 | 3/4 | 3,827.20 | 3/4 | 3,582.69 | 3/4 | 3,255.11 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 4,555.22 | 3   | 4,311.13 | 3   | 4,066.62 | 3   | 3,822.11 | 3   | 3,577.60 | 3   | 3,247.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,550.23 | 1/4 | 4,306.04 | 1/4 | 4,061.53 | 1/4 | 3,817.02 | 1/4 | 3,572.12 | 1/4 | 3,240.25 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,545.25 | 1/2 | 4,300.95 | 1/2 | 4,056.43 | 1/2 | 3,811.92 | 1/2 | 3,566.64 | 1/2 | 3,232.82 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,540.26 | 3/4 | 4,295.85 | 3/4 | 4,051.34 | 3/4 | 3,806.83 | 3/4 | 3,561.16 | 3/4 | 3,225.39 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 4,535.27 | 4   | 4,290.76 | 4   | 4,046.24 | 4   | 3,801.73 | 4   | 3,555.68 | 4   | 3,217.96 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,530.18 | 1/4 | 4,285.67 | 1/4 | 4,041.15 | 1/4 | 3,796.64 | 1/4 | 3,549.89 | 1/4 | 3,210.53 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,525.08 | 1/2 | 4,280.57 | 1/2 | 4,036.06 | 1/2 | 3,791.55 | 1/2 | 3,544.09 | 1/2 | 3,203.11 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,519.99 | 3/4 | 4,275.48 | 3/4 | 4,030.96 | 3/4 | 3,786.45 | 3/4 | 3,538.30 | 3/4 | 3,195.68 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,514.89 | 5   | 4,270.38 | 5   | 4,025.87 | 5   | 3,781.36 | 5   | 3,532.50 | 5   | 3,188.25 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,509.80 | 1/4 | 4,265.29 | 1/4 | 4,020.78 | 1/4 | 3,776.27 | 1/4 | 3,526.36 | 1/4 | 3,180.82 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,504.71 | 1/2 | 4,260.19 | 1/2 | 4,015.68 | 1/2 | 3,771.17 | 1/2 | 3,520.22 | 1/2 | 3,173.40 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,499.61 | 3/4 | 4,255.10 | 3/4 | 4,010.59 | 3/4 | 3,766.08 | 3/4 | 3,514.08 | 3/4 | 3,165.97 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,494.52 | 6   | 4,250.00 | 6   | 4,005.49 | 6   | 3,760.98 | 6   | 3,507.94 | 6   | 3,158.54 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,489.43 | 1/4 | 4,244.91 | 1/4 | 4,000.40 | 1/4 | 3,755.89 | 1/4 | 3,501.46 | 1/4 | 3,151.11 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,484.33 | 1/2 | 4,239.82 | 1/2 | 3,995.31 | 1/2 | 3,750.79 | 1/2 | 3,494.97 | 1/2 | 3,143.69 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,479.24 | 3/4 | 4,234.72 | 3/4 | 3,990.21 | 3/4 | 3,745.70 | 3/4 | 3,488.49 | 3/4 | 3,136.26 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,474.14 | 7   | 4,229.63 | 7   | 3,985.12 | 7   | 3,740.60 | 7   | 3,482.00 | 7   | 3,128.83 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,469.05 | 1/4 | 4,224.54 | 1/4 | 3,980.03 | 1/4 | 3,735.51 | 1/4 | 3,475.17 | 1/4 | 3,121.40 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,463.95 | 1/2 | 4,219.44 | 1/2 | 3,974.93 | 1/2 | 3,730.42 | 1/2 | 3,468.34 | 1/2 | 3,113.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,458.86 | 3/4 | 4,214.35 | 3/4 | 3,969.84 | 3/4 | 3,725.32 | 3/4 | 3,461.51 | 3/4 | 3,106.55 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,453.76 | 8   | 4,209.25 | 8   | 3,964.74 | 8   | 3,720.23 | 8   | 3,454.68 | 8   | 3,099.12 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,448.67 | 1/4 | 4,204.16 | 1/4 | 3,959.65 | 1/4 | 3,715.14 | 1/4 | 3,447.50 | 1/4 | 3,091.69 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,443.58 | 1/2 | 4,199.07 | 1/2 | 3,954.55 | 1/2 | 3,710.04 | 1/2 | 3,440.33 | 1/2 | 3,084.26 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,438.48 | 3/4 | 4,193.97 | 3/4 | 3,949.46 | 3/4 | 3,704.95 | 3/4 | 3,433.15 | 3/4 | 3,076.83 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,433.39 | 9   | 4,188.88 | 9   | 3,944.36 | 9   | 3,699.85 | 9   | 3,425.97 | 9   | 3,069.40 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,428.30 | 1/4 | 4,183.79 | 1/4 | 3,939.27 | 1/4 | 3,694.76 | 1/4 | 3,418.54 | 1/4 | 3,061.97 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,423.20 | 1/2 | 4,178.69 | 1/2 | 3,934.18 | 1/2 | 3,689.67 | 1/2 | 3,411.11 | 1/2 | 3,054.55 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,418.11 | 3/4 | 4,173.60 | 3/4 | 3,929.08 | 3/4 | 3,684.57 | 3/4 | 3,403.67 | 3/4 | 3,047.12 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,413.01 | 10  | 4,168.50 | 10  | 3,923.99 | 10  | 3,679.48 | 10  | 3,396.24 | 10  | 3,039.69 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,407.92 | 1/4 | 4,163.41 | 1/4 | 3,918.90 | 1/4 | 3,674.39 | 1/4 | 3,388.81 | 1/4 | 3,032.26 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,402.83 | 1/2 | 4,158.31 | 1/2 | 3,913.80 | 1/2 | 3,669.29 | 1/2 | 3,381.38 | 1/2 | 3,024.84 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,397.73 | 3/4 | 4,153.21 | 3/4 | 3,908.71 | 3/4 | 3,664.20 | 3/4 | 3,373.95 | 3/4 | 3,017.41 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,392.64 | 11  | 4,148.12 | 11  | 3,903.61 | 11  | 3,659.10 | 11  | 3,366.52 | 11  | 3,009.98 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,387.55 | 1/4 | 4,143.03 | 1/4 | 3,898.52 | 1/4 | 3,654.01 | 1/4 | 3,359.09 | 1/4 | 3,002.55 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,382.45 | 1/2 | 4,137.93 | 1/2 | 3,893.43 | 1/2 | 3,648.91 | 1/2 | 3,351.67 | 1/2 | 2,995.13 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,377.36 | 3/4 | 4,132.84 | 3/4 | 3,888.33 | 3/4 | 3,643.82 | 3/4 | 3,344.24 | 3/4 | 2,987.70 |

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" DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 45'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
 & ANALYSIS, INC.  
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# BARGE "HTCO 3061"

## 3 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/4"

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   | 2,623.72 | 0   | 2,267.18 | 0   | 1,910.64 | 0   | 1,554.09 | 0   | 1,197.55 | 0   | 837.42 | 0   | 473.42 | 0   | 111.11 | 0   |        | 0   |        |
| 1/4 | 2,616.29 | 1/4 | 2,259.75 | 1/4 | 1,903.21 | 1/4 | 1,546.66 | 1/4 | 1,190.12 | 1/4 | 829.85 | 1/4 | 465.82 | 1/4 | 103.75 | 1/4 |        | 1/4 |        |
| 1/2 | 2,608.87 | 1/2 | 2,252.33 | 1/2 | 1,895.78 | 1/2 | 1,539.24 | 1/2 | 1,182.70 | 1/2 | 822.29 | 1/2 | 458.22 | 1/2 | 96.40  | 1/2 |        | 1/2 |        |
| 3/4 | 2,601.44 | 3/4 | 2,244.90 | 3/4 | 1,888.35 | 3/4 | 1,531.81 | 3/4 | 1,175.27 | 3/4 | 814.72 | 3/4 | 450.62 | 3/4 | 89.04  | 3/4 |        | 3/4 |        |
| 1   | 2,594.01 | 1   | 2,237.47 | 1   | 1,880.92 | 1   | 1,524.38 | 1   | 1,167.84 | 1   | 807.15 | 1   | 443.02 | 1   | 81.68  | 1   |        | 1   |        |
| 1/4 | 2,586.58 | 1/4 | 2,230.04 | 1/4 | 1,873.49 | 1/4 | 1,516.95 | 1/4 | 1,160.41 | 1/4 | 799.59 | 1/4 | 435.42 | 1/4 | 74.32  | 1/4 |        | 1/4 |        |
| 1/2 | 2,579.16 | 1/2 | 2,222.62 | 1/2 | 1,866.07 | 1/2 | 1,509.53 | 1/2 | 1,152.98 | 1/2 | 792.02 | 1/2 | 427.83 | 1/2 | 66.97  | 1/2 |        | 1/2 |        |
| 3/4 | 2,571.73 | 3/4 | 2,215.19 | 3/4 | 1,858.64 | 3/4 | 1,502.10 | 3/4 | 1,145.55 | 3/4 | 784.46 | 3/4 | 420.23 | 3/4 | 59.61  | 3/4 |        | 3/4 |        |
| 2   | 2,564.30 | 2   | 2,207.76 | 2   | 1,851.21 | 2   | 1,494.67 | 2   | 1,138.12 | 2   | 776.89 | 2   | 412.63 | 2   | 52.25  | 2   |        | 2   |        |
| 1/4 | 2,556.87 | 1/4 | 2,200.33 | 1/4 | 1,843.78 | 1/4 | 1,487.24 | 1/4 | 1,130.69 | 1/4 | 769.32 | 1/4 | 405.03 | 1/4 | 46.25  | 1/4 |        | 1/4 |        |
| 1/2 | 2,549.45 | 1/2 | 2,192.90 | 1/2 | 1,836.36 | 1/2 | 1,479.82 | 1/2 | 1,123.27 | 1/2 | 761.76 | 1/2 | 397.44 | 1/2 | 40.25  | 1/2 |        | 1/2 |        |
| 3/4 | 2,542.02 | 3/4 | 2,185.47 | 3/4 | 1,828.93 | 3/4 | 1,472.39 | 3/4 | 1,115.84 | 3/4 | 754.19 | 3/4 | 389.84 | 3/4 | 34.25  | 3/4 |        | 3/4 |        |
| 3   | 2,534.59 | 3   | 2,178.04 | 3   | 1,821.50 | 3   | 1,464.96 | 3   | 1,108.41 | 3   | 746.62 | 3   | 382.24 | 3   | 28.25  | 3   |        | 3   |        |
| 1/4 | 2,527.16 | 1/4 | 2,170.61 | 1/4 | 1,814.07 | 1/4 | 1,457.53 | 1/4 | 1,100.98 | 1/4 | 739.06 | 1/4 | 374.64 | 1/4 | 24.00  | 1/4 |        | 1/4 |        |
| 1/2 | 2,519.74 | 1/2 | 2,163.19 | 1/2 | 1,806.65 | 1/2 | 1,450.10 | 1/2 | 1,093.56 | 1/2 | 731.49 | 1/2 | 367.05 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,512.31 | 3/4 | 2,155.76 | 3/4 | 1,799.22 | 3/4 | 1,442.67 | 3/4 | 1,086.13 | 3/4 | 723.93 | 3/4 | 359.45 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,504.88 | 4   | 2,148.33 | 4   | 1,791.79 | 4   | 1,435.24 | 4   | 1,078.70 | 4   | 716.36 | 4   | 351.85 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,497.45 | 1/4 | 2,140.90 | 1/4 | 1,784.36 | 1/4 | 1,427.81 | 1/4 | 1,071.27 | 1/4 | 708.80 | 1/4 | 344.25 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,490.02 | 1/2 | 2,133.48 | 1/2 | 1,776.94 | 1/2 | 1,420.39 | 1/2 | 1,063.85 | 1/2 | 701.23 | 1/2 | 336.66 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,482.59 | 3/4 | 2,126.05 | 3/4 | 1,769.51 | 3/4 | 1,412.96 | 3/4 | 1,056.42 | 3/4 | 693.67 | 3/4 | 329.06 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,475.16 | 5   | 2,118.62 | 5   | 1,762.08 | 5   | 1,405.53 | 5   | 1,048.99 | 5   | 686.10 | 5   | 321.46 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,467.73 | 1/4 | 2,111.19 | 1/4 | 1,754.65 | 1/4 | 1,398.10 | 1/4 | 1,041.49 | 1/4 | 678.52 | 1/4 | 313.86 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,460.31 | 1/2 | 2,103.77 | 1/2 | 1,747.22 | 1/2 | 1,390.68 | 1/2 | 1,034.00 | 1/2 | 670.94 | 1/2 | 306.26 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,452.88 | 3/4 | 2,096.34 | 3/4 | 1,739.79 | 3/4 | 1,383.25 | 3/4 | 1,026.50 | 3/4 | 663.35 | 3/4 | 298.66 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,445.45 | 6   | 2,088.91 | 6   | 1,732.36 | 6   | 1,375.82 | 6   | 1,019.00 | 6   | 655.77 | 6   | 291.06 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,438.02 | 1/4 | 2,081.48 | 1/4 | 1,724.93 | 1/4 | 1,368.39 | 1/4 | 1,011.44 | 1/4 | 648.17 | 1/4 | 283.46 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,430.60 | 1/2 | 2,074.06 | 1/2 | 1,717.51 | 1/2 | 1,360.97 | 1/2 | 1,003.87 | 1/2 | 640.58 | 1/2 | 275.87 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,423.17 | 3/4 | 2,066.63 | 3/4 | 1,710.08 | 3/4 | 1,353.54 | 3/4 | 996.31   | 3/4 | 632.98 | 3/4 | 268.27 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,415.74 | 7   | 2,059.20 | 7   | 1,702.65 | 7   | 1,346.11 | 7   | 988.74   | 7   | 625.38 | 7   | 260.67 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,408.31 | 1/4 | 2,051.77 | 1/4 | 1,695.22 | 1/4 | 1,338.68 | 1/4 | 981.17   | 1/4 | 617.78 | 1/4 | 253.07 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,400.89 | 1/2 | 2,044.34 | 1/2 | 1,687.80 | 1/2 | 1,331.26 | 1/2 | 973.61   | 1/2 | 610.18 | 1/2 | 245.48 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,393.46 | 3/4 | 2,036.91 | 3/4 | 1,680.37 | 3/4 | 1,323.83 | 3/4 | 966.04   | 3/4 | 602.58 | 3/4 | 237.88 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,386.03 | 8   | 2,029.48 | 8   | 1,672.94 | 8   | 1,316.40 | 8   | 958.47   | 8   | 594.98 | 8   | 230.28 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,378.60 | 1/4 | 2,022.05 | 1/4 | 1,665.51 | 1/4 | 1,308.97 | 1/4 | 950.91   | 1/4 | 587.38 | 1/4 | 222.68 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,371.18 | 1/2 | 2,014.63 | 1/2 | 1,658.09 | 1/2 | 1,301.54 | 1/2 | 943.34   | 1/2 | 579.79 | 1/2 | 215.09 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,363.75 | 3/4 | 2,007.20 | 3/4 | 1,650.66 | 3/4 | 1,294.11 | 3/4 | 935.78   | 3/4 | 572.19 | 3/4 | 207.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,356.32 | 9   | 1,999.77 | 9   | 1,643.23 | 9   | 1,286.68 | 9   | 928.21   | 9   | 564.59 | 9   | 199.89 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,348.89 | 1/4 | 1,992.34 | 1/4 | 1,635.80 | 1/4 | 1,279.25 | 1/4 | 920.64   | 1/4 | 556.99 | 1/4 | 192.41 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,341.46 | 1/2 | 1,984.92 | 1/2 | 1,628.38 | 1/2 | 1,271.83 | 1/2 | 913.08   | 1/2 | 549.40 | 1/2 | 184.94 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,334.03 | 3/4 | 1,977.49 | 3/4 | 1,620.95 | 3/4 | 1,264.40 | 3/4 | 905.51   | 3/4 | 541.80 | 3/4 | 177.46 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,326.60 | 10  | 1,970.06 | 10  | 1,613.52 | 10  | 1,256.97 | 10  | 897.94   | 10  | 534.20 | 10  | 169.98 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,319.17 | 1/4 | 1,962.63 | 1/4 | 1,606.09 | 1/4 | 1,249.54 | 1/4 | 890.38   | 1/4 | 526.60 | 1/4 | 162.62 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,311.75 | 1/2 | 1,955.21 | 1/2 | 1,598.66 | 1/2 | 1,242.12 | 1/2 | 882.81   | 1/2 | 519.01 | 1/2 | 155.26 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,304.32 | 3/4 | 1,947.78 | 3/4 | 1,591.23 | 3/4 | 1,234.69 | 3/4 | 875.25   | 3/4 | 511.41 | 3/4 | 147.90 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,296.89 | 11  | 1,940.35 | 11  | 1,583.80 | 11  | 1,227.26 | 11  | 867.68   | 11  | 503.81 | 11  | 140.54 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,289.46 | 1/4 | 1,932.92 | 1/4 | 1,576.37 | 1/4 | 1,219.83 | 1/4 | 860.12   | 1/4 | 496.21 | 1/4 | 133.18 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,282.04 | 1/2 | 1,925.50 | 1/2 | 1,568.95 | 1/2 | 1,212.41 | 1/2 | 852.55   | 1/2 | 488.62 | 1/2 | 125.83 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,274.61 | 3/4 | 1,918.07 | 3/4 | 1,561.52 | 3/4 | 1,204.98 | 3/4 | 844.99   | 3/4 | 481.02 | 3/4 | 118.47 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/03/2007 INS  
RECALCULATED: 01/17/2020 SW  
REPRINTED: 01/17/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "HTCO 3061"

## SLOP TANK PORT

### INNAGE TABLE GAUGE HEIGHT: 5'-07 1/4"

CAPACITIES GIVEN IN WHOLE 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   | 395   | 0   | 790   | 0   | 1,185 | 0   | 1,580 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 8     | 1/4 | 403   | 1/4 | 798   | 1/4 | 1,193 | 1/4 | 1,588 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 16    | 1/2 | 411   | 1/2 | 806   | 1/2 | 1,201 | 1/2 | 1,596 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 25    | 3/4 | 420   | 3/4 | 815   | 3/4 | 1,209 | 3/4 | 1,604 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 1   | 33    | 1   | 428   | 1   | 823   | 1   | 1,218 | 1   | 1,613 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 41    | 1/4 | 436   | 1/4 | 831   | 1/4 | 1,226 | 1/4 | 1,621 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 49    | 1/2 | 444   | 1/2 | 839   | 1/2 | 1,234 | 1/2 | 1,629 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 58    | 3/4 | 453   | 3/4 | 847   | 3/4 | 1,242 | 3/4 | 1,637 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 2   | 66    | 2   | 461   | 2   | 856   | 2   | 1,251 | 2   | 1,645 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 74    | 1/4 | 469   | 1/4 | 864   | 1/4 | 1,259 | 1/4 | 1,654 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 82    | 1/2 | 477   | 1/2 | 872   | 1/2 | 1,267 | 1/2 | 1,662 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 91    | 3/4 | 485   | 3/4 | 880   | 3/4 | 1,275 | 3/4 | 1,670 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 3   | 99    | 3   | 494   | 3   | 889   | 3   | 1,283 | 3   | 1,678 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 107   | 1/4 | 502   | 1/4 | 897   | 1/4 | 1,292 | 1/4 | 1,687 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 115   | 1/2 | 510   | 1/2 | 905   | 1/2 | 1,300 | 1/2 | 1,695 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 123   | 3/4 | 518   | 3/4 | 913   | 3/4 | 1,308 | 3/4 | 1,703 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 4   | 132   | 4   | 527   | 4   | 921   | 4   | 1,316 | 4   | 1,711 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 140   | 1/4 | 535   | 1/4 | 930   | 1/4 | 1,325 | 1/4 | 1,720 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 148   | 1/2 | 543   | 1/2 | 938   | 1/2 | 1,333 | 1/2 | 1,728 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 156   | 3/4 | 551   | 3/4 | 946   | 3/4 | 1,341 | 3/4 | 1,736 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 5   | 165   | 5   | 559   | 5   | 954   | 5   | 1,349 | 5   | 1,744 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 173   | 1/4 | 568   | 1/4 | 963   | 1/4 | 1,358 | 1/4 | 1,752 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 181   | 1/2 | 576   | 1/2 | 971   | 1/2 | 1,366 | 1/2 | 1,761 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 189   | 3/4 | 584   | 3/4 | 979   | 3/4 | 1,374 | 3/4 | 1,769 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 6   | 197   | 6   | 592   | 6   | 987   | 6   | 1,382 | 6   | 1,777 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 206   | 1/4 | 601   | 1/4 | 996   | 1/4 | 1,390 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 214   | 1/2 | 609   | 1/2 | 1,004 | 1/2 | 1,399 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 222   | 3/4 | 617   | 3/4 | 1,012 | 3/4 | 1,407 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 7   | 230   | 7   | 625   | 7   | 1,020 | 7   | 1,415 | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 239   | 1/4 | 634   | 1/4 | 1,028 | 1/4 | 1,423 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 247   | 1/2 | 642   | 1/2 | 1,037 | 1/2 | 1,432 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 255   | 3/4 | 650   | 3/4 | 1,045 | 3/4 | 1,440 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 8   | 263   | 8   | 658   | 8   | 1,053 | 8   | 1,448 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 272   | 1/4 | 666   | 1/4 | 1,061 | 1/4 | 1,456 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 280   | 1/2 | 675   | 1/2 | 1,070 | 1/2 | 1,464 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 288   | 3/4 | 683   | 3/4 | 1,078 | 3/4 | 1,473 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 9   | 296   | 9   | 691   | 9   | 1,086 | 9   | 1,481 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 304   | 1/4 | 699   | 1/4 | 1,094 | 1/4 | 1,489 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 313   | 1/2 | 708   | 1/2 | 1,102 | 1/2 | 1,497 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 321   | 3/4 | 716   | 3/4 | 1,111 | 3/4 | 1,506 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 10  | 329   | 10  | 724   | 10  | 1,119 | 10  | 1,514 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 337   | 1/4 | 732   | 1/4 | 1,127 | 1/4 | 1,522 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 346   | 1/2 | 740   | 1/2 | 1,135 | 1/2 | 1,530 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 354   | 3/4 | 749   | 3/4 | 1,144 | 3/4 | 1,539 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 11  | 362   | 11  | 757   | 11  | 1,152 | 11  | 1,547 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 370   | 1/4 | 765   | 1/4 | 1,160 | 1/4 | 1,555 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 378   | 1/2 | 773   | 1/2 | 1,168 | 1/2 | 1,563 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 387   | 3/4 | 782   | 3/4 | 1,177 | 3/4 | 1,571 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 01/17/2020 JS  
CALCULATED: 01/17/2020 CL  
PRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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

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



# BARGE "HTCO 3061"

# SLOP TANK STBD

## INNAGE TABLE GAUGE HEIGHT: 5'-07 1/4"

CAPACITIES GIVEN IN WHOLE 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   | 395   | 0   | 790   | 0   | 1,185 | 0   | 1,580 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 8     | 1/4 | 403   | 1/4 | 798   | 1/4 | 1,193 | 1/4 | 1,588 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 16    | 1/2 | 411   | 1/2 | 806   | 1/2 | 1,201 | 1/2 | 1,596 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 25    | 3/4 | 420   | 3/4 | 815   | 3/4 | 1,209 | 3/4 | 1,604 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 1   | 33    | 1   | 428   | 1   | 823   | 1   | 1,218 | 1   | 1,613 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 41    | 1/4 | 436   | 1/4 | 831   | 1/4 | 1,226 | 1/4 | 1,621 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 49    | 1/2 | 444   | 1/2 | 839   | 1/2 | 1,234 | 1/2 | 1,629 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 58    | 3/4 | 453   | 3/4 | 847   | 3/4 | 1,242 | 3/4 | 1,637 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 2   | 66    | 2   | 461   | 2   | 856   | 2   | 1,251 | 2   | 1,645 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 74    | 1/4 | 469   | 1/4 | 864   | 1/4 | 1,259 | 1/4 | 1,654 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 82    | 1/2 | 477   | 1/2 | 872   | 1/2 | 1,267 | 1/2 | 1,662 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 91    | 3/4 | 485   | 3/4 | 880   | 3/4 | 1,275 | 3/4 | 1,670 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 3   | 99    | 3   | 494   | 3   | 889   | 3   | 1,283 | 3   | 1,678 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 107   | 1/4 | 502   | 1/4 | 897   | 1/4 | 1,292 | 1/4 | 1,687 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 115   | 1/2 | 510   | 1/2 | 905   | 1/2 | 1,300 | 1/2 | 1,695 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 123   | 3/4 | 518   | 3/4 | 913   | 3/4 | 1,308 | 3/4 | 1,703 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 4   | 132   | 4   | 527   | 4   | 921   | 4   | 1,316 | 4   | 1,711 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 140   | 1/4 | 535   | 1/4 | 930   | 1/4 | 1,325 | 1/4 | 1,720 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 148   | 1/2 | 543   | 1/2 | 938   | 1/2 | 1,333 | 1/2 | 1,728 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 156   | 3/4 | 551   | 3/4 | 946   | 3/4 | 1,341 | 3/4 | 1,736 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 5   | 165   | 5   | 559   | 5   | 954   | 5   | 1,349 | 5   | 1,744 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 173   | 1/4 | 568   | 1/4 | 963   | 1/4 | 1,358 | 1/4 | 1,752 | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 181   | 1/2 | 576   | 1/2 | 971   | 1/2 | 1,366 | 1/2 | 1,761 | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 189   | 3/4 | 584   | 3/4 | 979   | 3/4 | 1,374 | 3/4 | 1,769 | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 6   | 197   | 6   | 592   | 6   | 987   | 6   | 1,382 | 6   | 1,777 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 206   | 1/4 | 601   | 1/4 | 996   | 1/4 | 1,390 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 214   | 1/2 | 609   | 1/2 | 1,004 | 1/2 | 1,399 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 222   | 3/4 | 617   | 3/4 | 1,012 | 3/4 | 1,407 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 7   | 230   | 7   | 625   | 7   | 1,020 | 7   | 1,415 | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 239   | 1/4 | 634   | 1/4 | 1,028 | 1/4 | 1,423 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 247   | 1/2 | 642   | 1/2 | 1,037 | 1/2 | 1,432 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 255   | 3/4 | 650   | 3/4 | 1,045 | 3/4 | 1,440 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 8   | 263   | 8   | 658   | 8   | 1,053 | 8   | 1,448 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 272   | 1/4 | 666   | 1/4 | 1,061 | 1/4 | 1,456 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 280   | 1/2 | 675   | 1/2 | 1,070 | 1/2 | 1,464 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 288   | 3/4 | 683   | 3/4 | 1,078 | 3/4 | 1,473 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 9   | 296   | 9   | 691   | 9   | 1,086 | 9   | 1,481 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 304   | 1/4 | 699   | 1/4 | 1,094 | 1/4 | 1,489 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 313   | 1/2 | 708   | 1/2 | 1,102 | 1/2 | 1,497 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 321   | 3/4 | 716   | 3/4 | 1,111 | 3/4 | 1,506 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 10  | 329   | 10  | 724   | 10  | 1,119 | 10  | 1,514 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 337   | 1/4 | 732   | 1/4 | 1,127 | 1/4 | 1,522 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 346   | 1/2 | 740   | 1/2 | 1,135 | 1/2 | 1,530 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 354   | 3/4 | 749   | 3/4 | 1,144 | 3/4 | 1,539 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 11  | 362   | 11  | 757   | 11  | 1,152 | 11  | 1,547 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 370   | 1/4 | 765   | 1/4 | 1,160 | 1/4 | 1,555 | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 378   | 1/2 | 773   | 1/2 | 1,168 | 1/2 | 1,563 | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 387   | 3/4 | 782   | 3/4 | 1,177 | 3/4 | 1,571 | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 01/17/2020 JS  
CALCULATED: 01/17/2020 CL  
PRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

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





# BARGE "HTCO 3061"

# FUEL TANK

## INNAGE TABLE GAUGE HEIGHT: 3'-09"

CAPACITIES GIVEN IN WHOLE 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   | 120   | 0   | 301   | 0   | 465   | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 1     | 1/4 | 124   | 1/4 | 305   | 1/4 | 468   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 2     | 1/2 | 127   | 1/2 | 309   | 1/2 | 470   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 2     | 3/4 | 131   | 3/4 | 313   | 3/4 | 473   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 1   | 3     | 1   | 134   | 1   | 316   | 1   | 476   | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     |
| 1/4 | 5     | 1/4 | 138   | 1/4 | 320   | 1/4 | 478   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 6     | 1/2 | 142   | 1/2 | 324   | 1/2 | 480   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 7     | 3/4 | 145   | 3/4 | 328   | 3/4 | 483   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 2   | 9     | 2   | 149   | 2   | 331   | 2   | 485   | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     |
| 1/4 | 11    | 1/4 | 152   | 1/4 | 335   | 1/4 | 487   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 13    | 1/2 | 156   | 1/2 | 339   | 1/2 | 489   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 14    | 3/4 | 160   | 3/4 | 343   | 3/4 | 491   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 3   | 16    | 3   | 163   | 3   | 346   | 3   | 494   | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     |
| 1/4 | 18    | 1/4 | 167   | 1/4 | 350   | 1/4 | 495   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 20    | 1/2 | 171   | 1/2 | 354   | 1/2 | 497   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 23    | 3/4 | 175   | 3/4 | 357   | 3/4 | 499   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 4   | 25    | 4   | 178   | 4   | 361   | 4   | 501   | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     |
| 1/4 | 27    | 1/4 | 182   | 1/4 | 365   | 1/4 | 502   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 29    | 1/2 | 186   | 1/2 | 368   | 1/2 | 504   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 32    | 3/4 | 190   | 3/4 | 372   | 3/4 | 505   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 5   | 34    | 5   | 193   | 5   | 375   | 5   | 507   | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     |
| 1/4 | 37    | 1/4 | 197   | 1/4 | 379   | 1/4 | 507   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 39    | 1/2 | 201   | 1/2 | 383   | 1/2 | 508   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 42    | 3/4 | 205   | 3/4 | 386   | 3/4 | 509   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 6   | 45    | 6   | 209   | 6   | 390   | 6   | 510   | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     |
| 1/4 | 47    | 1/4 | 213   | 1/4 | 393   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 50    | 1/2 | 216   | 1/2 | 396   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 53    | 3/4 | 220   | 3/4 | 400   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 7   | 56    | 7   | 224   | 7   | 403   | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     |
| 1/4 | 59    | 1/4 | 228   | 1/4 | 407   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 62    | 1/2 | 232   | 1/2 | 410   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 65    | 3/4 | 236   | 3/4 | 413   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 8   | 68    | 8   | 239   | 8   | 417   | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     |
| 1/4 | 71    | 1/4 | 243   | 1/4 | 420   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 74    | 1/2 | 247   | 1/2 | 423   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 77    | 3/4 | 251   | 3/4 | 426   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 9   | 80    | 9   | 255   | 9   | 430   | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     |
| 1/4 | 83    | 1/4 | 259   | 1/4 | 433   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 87    | 1/2 | 263   | 1/2 | 436   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 90    | 3/4 | 266   | 3/4 | 439   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 10  | 93    | 10  | 270   | 10  | 442   | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    |
| 1/4 | 96    | 1/4 | 274   | 1/4 | 445   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 100   | 1/2 | 278   | 1/2 | 448   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 103   | 3/4 | 282   | 3/4 | 451   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |
| 11  | 106   | 11  | 286   | 11  | 454   | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    |
| 1/4 | 110   | 1/4 | 290   | 1/4 | 457   | 1/4 |       | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   | 1/4 | 1/4   |
| 1/2 | 113   | 1/2 | 293   | 1/2 | 460   | 1/2 |       | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   | 1/2 | 1/2   |
| 3/4 | 117   | 3/4 | 297   | 3/4 | 462   | 3/4 |       | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   | 3/4 | 3/4   |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.  
CAPACITY TABLE IS SCALED FROM THE BOTTOM OF TANK

STRAPPED: 01/17/2020 JS  
CALCULATED: 01/17/2020 CL  
PRINTED: 01/17/2020 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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