



# BARGE "HTCO 3080"

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     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-5/8     | - 00-5/8     |
| 1 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-5/8     | - 00-5/8     |
| 2 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     |
| 2 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     |
| 3 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     |
| 3 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 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: 238'-06"

June 5, 2023

**PRECISION MEASUREMENT  
 & ANALYSIS, INC.**  
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# BARGE "HTCO 3080"

## 1 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |          | 0   | 4,718.30 | 0   | 4,361.70 | 0   | 4,005.11 | 0   | 3,648.52 | 0   | 3,291.93 | 0   | 2,935.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,710.87 | 1/4 | 4,354.27 | 1/4 | 3,997.68 | 1/4 | 3,641.09 | 1/4 | 3,284.50 | 1/4 | 2,927.91 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,703.44 | 1/2 | 4,346.84 | 1/2 | 3,990.25 | 1/2 | 3,633.66 | 1/2 | 3,277.07 | 1/2 | 2,920.48 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,696.01 | 3/4 | 4,339.41 | 3/4 | 3,982.82 | 3/4 | 3,626.23 | 3/4 | 3,269.64 | 3/4 | 2,913.05 |
| 1   |       | 1   |       | 1   |       | 1   | 5,032.26 | 1   | 4,688.58 | 1   | 4,331.99 | 1   | 3,975.40 | 1   | 3,618.80 | 1   | 3,262.21 | 1   | 2,905.62 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,027.74 | 1/4 | 4,681.15 | 1/4 | 4,324.56 | 1/4 | 3,967.97 | 1/4 | 3,611.37 | 1/4 | 3,254.78 | 1/4 | 2,898.19 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,022.08 | 1/2 | 4,673.72 | 1/2 | 4,317.13 | 1/2 | 3,960.54 | 1/2 | 3,603.94 | 1/2 | 3,247.35 | 1/2 | 2,890.76 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,016.43 | 3/4 | 4,666.29 | 3/4 | 4,309.70 | 3/4 | 3,953.11 | 3/4 | 3,596.52 | 3/4 | 3,239.93 | 3/4 | 2,883.33 |
| 2   |       | 2   |       | 2   |       | 2   | 5,010.77 | 2   | 4,658.86 | 2   | 4,302.27 | 2   | 3,945.68 | 2   | 3,589.09 | 2   | 3,232.50 | 2   | 2,875.90 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,005.11 | 1/4 | 4,651.43 | 1/4 | 4,294.84 | 1/4 | 3,938.25 | 1/4 | 3,581.66 | 1/4 | 3,225.07 | 1/4 | 2,868.47 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,998.32 | 1/2 | 4,644.00 | 1/2 | 4,287.41 | 1/2 | 3,930.82 | 1/2 | 3,574.23 | 1/2 | 3,217.64 | 1/2 | 2,861.04 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,991.53 | 3/4 | 4,636.58 | 3/4 | 4,279.98 | 3/4 | 3,923.39 | 3/4 | 3,566.80 | 3/4 | 3,210.21 | 3/4 | 2,853.62 |
| 3   |       | 3   |       | 3   |       | 3   | 4,984.74 | 3   | 4,629.15 | 3   | 4,272.56 | 3   | 3,915.96 | 3   | 3,559.37 | 3   | 3,202.78 | 3   | 2,846.19 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,977.95 | 1/4 | 4,621.72 | 1/4 | 4,265.13 | 1/4 | 3,908.53 | 1/4 | 3,551.94 | 1/4 | 3,195.35 | 1/4 | 2,838.76 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,970.61 | 1/2 | 4,614.29 | 1/2 | 4,257.70 | 1/2 | 3,901.10 | 1/2 | 3,544.51 | 1/2 | 3,187.92 | 1/2 | 2,831.33 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,963.27 | 3/4 | 4,606.86 | 3/4 | 4,250.27 | 3/4 | 3,893.67 | 3/4 | 3,537.09 | 3/4 | 3,180.49 | 3/4 | 2,823.90 |
| 4   |       | 4   |       | 4   |       | 4   | 4,955.93 | 4   | 4,599.43 | 4   | 4,242.84 | 4   | 3,886.25 | 4   | 3,529.66 | 4   | 3,173.06 | 4   | 2,816.47 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,948.59 | 1/4 | 4,592.00 | 1/4 | 4,235.41 | 1/4 | 3,878.82 | 1/4 | 3,522.23 | 1/4 | 3,165.63 | 1/4 | 2,809.04 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,941.16 | 1/2 | 4,584.57 | 1/2 | 4,227.98 | 1/2 | 3,871.39 | 1/2 | 3,514.80 | 1/2 | 3,158.20 | 1/2 | 2,801.61 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,933.74 | 3/4 | 4,577.14 | 3/4 | 4,220.55 | 3/4 | 3,863.96 | 3/4 | 3,507.37 | 3/4 | 3,150.78 | 3/4 | 2,794.19 |
| 5   |       | 5   |       | 5   |       | 5   | 4,926.31 | 5   | 4,569.72 | 5   | 4,213.12 | 5   | 3,856.53 | 5   | 3,499.94 | 5   | 3,143.35 | 5   | 2,786.76 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,918.88 | 1/4 | 4,562.29 | 1/4 | 4,205.69 | 1/4 | 3,849.10 | 1/4 | 3,492.51 | 1/4 | 3,135.92 | 1/4 | 2,779.33 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,911.45 | 1/2 | 4,554.86 | 1/2 | 4,198.26 | 1/2 | 3,841.67 | 1/2 | 3,485.08 | 1/2 | 3,128.49 | 1/2 | 2,771.90 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,904.02 | 3/4 | 4,547.43 | 3/4 | 4,190.83 | 3/4 | 3,834.25 | 3/4 | 3,477.65 | 3/4 | 3,121.06 | 3/4 | 2,764.47 |
| 6   |       | 6   |       | 6   |       | 6   | 4,896.59 | 6   | 4,540.00 | 6   | 4,183.41 | 6   | 3,826.82 | 6   | 3,470.22 | 6   | 3,113.63 | 6   | 2,757.04 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,889.16 | 1/4 | 4,532.57 | 1/4 | 4,175.98 | 1/4 | 3,819.39 | 1/4 | 3,462.79 | 1/4 | 3,106.20 | 1/4 | 2,749.61 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,881.73 | 1/2 | 4,525.14 | 1/2 | 4,168.55 | 1/2 | 3,811.96 | 1/2 | 3,455.36 | 1/2 | 3,098.77 | 1/2 | 2,742.18 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,874.31 | 3/4 | 4,517.71 | 3/4 | 4,161.12 | 3/4 | 3,804.53 | 3/4 | 3,447.94 | 3/4 | 3,091.35 | 3/4 | 2,734.75 |
| 7   |       | 7   |       | 7   |       | 7   | 4,866.88 | 7   | 4,510.28 | 7   | 4,153.69 | 7   | 3,797.10 | 7   | 3,440.51 | 7   | 3,083.92 | 7   | 2,727.32 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,859.45 | 1/4 | 4,502.85 | 1/4 | 4,146.26 | 1/4 | 3,789.67 | 1/4 | 3,433.08 | 1/4 | 3,076.49 | 1/4 | 2,719.89 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,852.02 | 1/2 | 4,495.42 | 1/2 | 4,138.86 | 1/2 | 3,782.24 | 1/2 | 3,425.65 | 1/2 | 3,069.06 | 1/2 | 2,712.46 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,844.59 | 3/4 | 4,487.99 | 3/4 | 4,131.45 | 3/4 | 3,774.81 | 3/4 | 3,418.22 | 3/4 | 3,061.63 | 3/4 | 2,705.04 |
| 8   |       | 8   |       | 8   |       | 8   | 4,837.16 | 8   | 4,480.57 | 8   | 4,124.05 | 8   | 3,767.38 | 8   | 3,410.79 | 8   | 3,054.20 | 8   | 2,697.61 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,829.73 | 1/4 | 4,473.14 | 1/4 | 4,116.65 | 1/4 | 3,759.95 | 1/4 | 3,403.36 | 1/4 | 3,046.77 | 1/4 | 2,690.18 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,822.30 | 1/2 | 4,465.71 | 1/2 | 4,109.19 | 1/2 | 3,752.52 | 1/2 | 3,395.93 | 1/2 | 3,039.34 | 1/2 | 2,682.75 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,814.87 | 3/4 | 4,458.28 | 3/4 | 4,101.74 | 3/4 | 3,745.10 | 3/4 | 3,388.51 | 3/4 | 3,031.91 | 3/4 | 2,675.32 |
| 9   |       | 9   |       | 9   |       | 9   | 4,807.44 | 9   | 4,450.85 | 9   | 4,094.28 | 9   | 3,737.67 | 9   | 3,381.08 | 9   | 3,024.48 | 9   | 2,667.89 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,800.01 | 1/4 | 4,443.42 | 1/4 | 4,086.83 | 1/4 | 3,730.24 | 1/4 | 3,373.65 | 1/4 | 3,017.05 | 1/4 | 2,660.46 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,792.58 | 1/2 | 4,435.99 | 1/2 | 4,079.40 | 1/2 | 3,722.81 | 1/2 | 3,366.22 | 1/2 | 3,009.62 | 1/2 | 2,653.03 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,785.16 | 3/4 | 4,428.56 | 3/4 | 4,071.97 | 3/4 | 3,715.38 | 3/4 | 3,358.79 | 3/4 | 3,002.20 | 3/4 | 2,645.61 |
| 10  |       | 10  |       | 10  |       | 10  | 4,777.73 | 10  | 4,421.14 | 10  | 4,064.54 | 10  | 3,707.95 | 10  | 3,351.36 | 10  | 2,994.77 | 10  | 2,638.18 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,770.30 | 1/4 | 4,413.71 | 1/4 | 4,057.11 | 1/4 | 3,700.52 | 1/4 | 3,343.93 | 1/4 | 2,987.34 | 1/4 | 2,630.75 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,762.87 | 1/2 | 4,406.28 | 1/2 | 4,049.68 | 1/2 | 3,693.09 | 1/2 | 3,336.50 | 1/2 | 2,979.91 | 1/2 | 2,623.32 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,755.44 | 3/4 | 4,398.85 | 3/4 | 4,042.25 | 3/4 | 3,685.67 | 3/4 | 3,329.07 | 3/4 | 2,972.48 | 3/4 | 2,615.89 |
| 11  |       | 11  |       | 11  |       | 11  | 4,748.01 | 11  | 4,391.42 | 11  | 4,034.83 | 11  | 3,678.24 | 11  | 3,321.64 | 11  | 2,965.05 | 11  | 2,608.46 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,740.58 | 1/4 | 4,383.99 | 1/4 | 4,027.40 | 1/4 | 3,670.81 | 1/4 | 3,314.21 | 1/4 | 2,957.62 | 1/4 | 2,601.03 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,733.15 | 1/2 | 4,376.56 | 1/2 | 4,019.97 | 1/2 | 3,663.38 | 1/2 | 3,306.78 | 1/2 | 2,950.19 | 1/2 | 2,593.60 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,725.73 | 3/4 | 4,369.13 | 3/4 | 4,012.54 | 3/4 | 3,655.95 | 3/4 | 3,299.36 | 3/4 | 2,942.77 | 3/4 | 2,586.17 |

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'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "HTCO 3080"

## 1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,578.74 | 0   | 2,222.15 | 0   | 1,865.56 | 0   | 1,508.97 | 0   | 1,152.38 | 0   | 795.78 | 0   | 437.98 | 0   | 99.18  | 0   |        | 0   |        |
| 1/4 | 2,571.31 | 1/4 | 2,214.72 | 1/4 | 1,858.13 | 1/4 | 1,501.54 | 1/4 | 1,144.95 | 1/4 | 788.35 | 1/4 | 430.50 | 1/4 | 92.68  | 1/4 |        | 1/4 |        |
| 1/2 | 2,563.88 | 1/2 | 2,207.29 | 1/2 | 1,850.70 | 1/2 | 1,494.11 | 1/2 | 1,137.52 | 1/2 | 780.92 | 1/2 | 423.05 | 1/2 | 86.22  | 1/2 |        | 1/2 |        |
| 3/4 | 2,556.46 | 3/4 | 2,199.87 | 3/4 | 1,843.27 | 3/4 | 1,486.68 | 3/4 | 1,130.09 | 3/4 | 773.50 | 3/4 | 415.60 | 3/4 | 79.75  | 3/4 |        | 3/4 |        |
| 1   | 2,549.03 | 1   | 2,192.44 | 1   | 1,835.84 | 1   | 1,479.25 | 1   | 1,122.66 | 1   | 766.07 | 1   | 408.14 | 1   | 73.29  | 1   |        | 1   |        |
| 1/4 | 2,541.60 | 1/4 | 2,185.01 | 1/4 | 1,828.41 | 1/4 | 1,471.82 | 1/4 | 1,115.23 | 1/4 | 758.64 | 1/4 | 400.69 | 1/4 | 66.82  | 1/4 |        | 1/4 |        |
| 1/2 | 2,534.17 | 1/2 | 2,177.58 | 1/2 | 1,820.98 | 1/2 | 1,464.39 | 1/2 | 1,107.80 | 1/2 | 751.21 | 1/2 | 393.33 | 1/2 | 60.56  | 1/2 |        | 1/2 |        |
| 3/4 | 2,526.74 | 3/4 | 2,170.15 | 3/4 | 1,813.56 | 3/4 | 1,456.97 | 3/4 | 1,100.37 | 3/4 | 743.78 | 3/4 | 385.98 | 3/4 | 54.30  | 3/4 |        | 3/4 |        |
| 2   | 2,519.31 | 2   | 2,162.72 | 2   | 1,806.13 | 2   | 1,449.54 | 2   | 1,092.94 | 2   | 736.35 | 2   | 378.62 | 2   | 48.04  | 2   |        | 2   |        |
| 1/4 | 2,511.88 | 1/4 | 2,155.29 | 1/4 | 1,798.70 | 1/4 | 1,442.11 | 1/4 | 1,085.51 | 1/4 | 728.92 | 1/4 | 371.26 | 1/4 | 41.78  | 1/4 |        | 1/4 |        |
| 1/2 | 2,504.45 | 1/2 | 2,147.86 | 1/2 | 1,791.27 | 1/2 | 1,434.68 | 1/2 | 1,078.08 | 1/2 | 721.49 | 1/2 | 363.93 | 1/2 | 36.84  | 1/2 |        | 1/2 |        |
| 3/4 | 2,497.03 | 3/4 | 2,140.43 | 3/4 | 1,783.84 | 3/4 | 1,427.25 | 3/4 | 1,070.66 | 3/4 | 714.06 | 3/4 | 356.60 | 3/4 | 31.91  | 3/4 |        | 3/4 |        |
| 3   | 2,489.60 | 3   | 2,133.00 | 3   | 1,776.41 | 3   | 1,419.82 | 3   | 1,063.23 | 3   | 706.63 | 3   | 349.27 | 3   | 26.97  | 3   |        | 3   |        |
| 1/4 | 2,482.17 | 1/4 | 2,125.57 | 1/4 | 1,768.98 | 1/4 | 1,412.39 | 1/4 | 1,055.80 | 1/4 | 699.20 | 1/4 | 341.94 | 1/4 | 22.03  | 1/4 |        | 1/4 |        |
| 1/2 | 2,474.74 | 1/2 | 2,118.14 | 1/2 | 1,761.55 | 1/2 | 1,404.96 | 1/2 | 1,048.37 | 1/2 | 691.77 | 1/2 | 334.71 | 1/2 | 18.62  | 1/2 |        | 1/2 |        |
| 3/4 | 2,467.31 | 3/4 | 2,110.72 | 3/4 | 1,754.13 | 3/4 | 1,397.53 | 3/4 | 1,040.94 | 3/4 | 684.35 | 3/4 | 327.47 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,459.88 | 4   | 2,103.29 | 4   | 1,746.70 | 4   | 1,390.10 | 4   | 1,033.51 | 4   | 676.92 | 4   | 320.24 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,452.45 | 1/4 | 2,095.86 | 1/4 | 1,739.27 | 1/4 | 1,382.67 | 1/4 | 1,026.08 | 1/4 | 669.49 | 1/4 | 313.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,445.02 | 1/2 | 2,088.43 | 1/2 | 1,731.84 | 1/2 | 1,375.24 | 1/2 | 1,018.65 | 1/2 | 662.06 | 1/2 | 305.80 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,437.59 | 3/4 | 2,081.00 | 3/4 | 1,724.41 | 3/4 | 1,367.82 | 3/4 | 1,011.22 | 3/4 | 654.63 | 3/4 | 298.60 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,430.16 | 5   | 2,073.57 | 5   | 1,716.98 | 5   | 1,360.39 | 5   | 1,003.79 | 5   | 647.20 | 5   | 291.39 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,422.73 | 1/4 | 2,066.14 | 1/4 | 1,709.55 | 1/4 | 1,352.96 | 1/4 | 996.36   | 1/4 | 639.77 | 1/4 | 284.19 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,415.30 | 1/2 | 2,058.71 | 1/2 | 1,702.12 | 1/2 | 1,345.53 | 1/2 | 988.93   | 1/2 | 632.34 | 1/2 | 277.08 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,407.88 | 3/4 | 2,051.29 | 3/4 | 1,694.69 | 3/4 | 1,338.10 | 3/4 | 981.51   | 3/4 | 624.92 | 3/4 | 269.98 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,400.45 | 6   | 2,043.86 | 6   | 1,687.26 | 6   | 1,330.67 | 6   | 974.08   | 6   | 617.49 | 6   | 262.87 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,393.02 | 1/4 | 2,036.43 | 1/4 | 1,679.83 | 1/4 | 1,323.24 | 1/4 | 966.65   | 1/4 | 610.06 | 1/4 | 255.76 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,385.59 | 1/2 | 2,029.00 | 1/2 | 1,672.40 | 1/2 | 1,315.81 | 1/2 | 959.22   | 1/2 | 602.63 | 1/2 | 248.68 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,378.16 | 3/4 | 2,021.57 | 3/4 | 1,664.98 | 3/4 | 1,308.39 | 3/4 | 951.79   | 3/4 | 595.20 | 3/4 | 241.61 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,370.73 | 7   | 2,014.14 | 7   | 1,657.55 | 7   | 1,300.96 | 7   | 944.36   | 7   | 587.77 | 7   | 234.53 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,363.30 | 1/4 | 2,006.71 | 1/4 | 1,650.12 | 1/4 | 1,293.53 | 1/4 | 936.93   | 1/4 | 580.34 | 1/4 | 227.45 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,355.87 | 1/2 | 1,999.28 | 1/2 | 1,642.69 | 1/2 | 1,286.10 | 1/2 | 929.50   | 1/2 | 572.91 | 1/2 | 220.47 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,348.45 | 3/4 | 1,991.85 | 3/4 | 1,635.26 | 3/4 | 1,278.67 | 3/4 | 922.08   | 3/4 | 565.49 | 3/4 | 213.49 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,341.02 | 8   | 1,984.42 | 8   | 1,627.83 | 8   | 1,271.24 | 8   | 914.65   | 8   | 558.06 | 8   | 206.50 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,333.59 | 1/4 | 1,976.99 | 1/4 | 1,620.40 | 1/4 | 1,263.81 | 1/4 | 907.22   | 1/4 | 550.63 | 1/4 | 199.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,326.16 | 1/2 | 1,969.56 | 1/2 | 1,612.97 | 1/2 | 1,256.38 | 1/2 | 899.79   | 1/2 | 543.20 | 1/2 | 192.57 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,318.73 | 3/4 | 1,962.14 | 3/4 | 1,605.55 | 3/4 | 1,248.95 | 3/4 | 892.36   | 3/4 | 535.77 | 3/4 | 185.62 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,311.30 | 9   | 1,954.71 | 9   | 1,598.12 | 9   | 1,241.52 | 9   | 884.93   | 9   | 528.34 | 9   | 178.66 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,303.87 | 1/4 | 1,947.28 | 1/4 | 1,590.69 | 1/4 | 1,234.09 | 1/4 | 877.50   | 1/4 | 520.91 | 1/4 | 171.71 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,296.44 | 1/2 | 1,939.85 | 1/2 | 1,583.26 | 1/2 | 1,226.66 | 1/2 | 870.07   | 1/2 | 513.37 | 1/2 | 165.03 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,289.01 | 3/4 | 1,932.42 | 3/4 | 1,575.83 | 3/4 | 1,219.24 | 3/4 | 862.64   | 3/4 | 505.83 | 3/4 | 158.36 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,281.58 | 10  | 1,924.99 | 10  | 1,568.40 | 10  | 1,211.81 | 10  | 855.21   | 10  | 498.29 | 10  | 151.68 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,274.15 | 1/4 | 1,917.56 | 1/4 | 1,560.97 | 1/4 | 1,204.38 | 1/4 | 847.78   | 1/4 | 490.75 | 1/4 | 145.00 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,266.72 | 1/2 | 1,910.13 | 1/2 | 1,553.54 | 1/2 | 1,196.95 | 1/2 | 840.35   | 1/2 | 483.17 | 1/2 | 138.42 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,259.30 | 3/4 | 1,902.71 | 3/4 | 1,546.11 | 3/4 | 1,189.52 | 3/4 | 832.93   | 3/4 | 475.59 | 3/4 | 131.83 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,251.87 | 11  | 1,895.28 | 11  | 1,538.68 | 11  | 1,182.09 | 11  | 825.50   | 11  | 468.01 | 11  | 125.25 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,244.44 | 1/4 | 1,887.85 | 1/4 | 1,531.25 | 1/4 | 1,174.66 | 1/4 | 818.07   | 1/4 | 460.43 | 1/4 | 118.66 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,237.01 | 1/2 | 1,880.42 | 1/2 | 1,523.82 | 1/2 | 1,167.23 | 1/2 | 810.64   | 1/2 | 452.95 | 1/2 | 112.17 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,229.58 | 3/4 | 1,872.99 | 3/4 | 1,516.40 | 3/4 | 1,159.81 | 3/4 | 803.21   | 3/4 | 445.47 | 3/4 | 105.67 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## 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   | 4,710.87 | 0   | 4,354.27 | 0   | 3,997.68 | 0   | 3,641.09 | 0   | 3,284.50 | 0   | 2,927.91 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,703.44 | 1/4 | 4,346.84 | 1/4 | 3,990.25 | 1/4 | 3,633.66 | 1/4 | 3,277.07 | 1/4 | 2,920.48 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,696.01 | 1/2 | 4,339.41 | 1/2 | 3,982.82 | 1/2 | 3,626.23 | 1/2 | 3,269.64 | 1/2 | 2,913.05 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,032.26 | 3/4 | 4,688.58 | 3/4 | 4,331.99 | 3/4 | 3,975.40 | 3/4 | 3,618.80 | 3/4 | 3,262.21 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 5,027.74 | 1   | 4,681.15 | 1   | 4,324.56 | 1   | 3,967.97 | 1   | 3,611.37 | 1   | 3,254.78 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,022.08 | 1/4 | 4,673.72 | 1/4 | 4,317.13 | 1/4 | 3,960.54 | 1/4 | 3,603.94 | 1/4 | 3,247.35 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,016.43 | 1/2 | 4,666.29 | 1/2 | 4,309.70 | 1/2 | 3,953.11 | 1/2 | 3,596.52 | 1/2 | 3,239.93 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,010.77 | 3/4 | 4,658.86 | 3/4 | 4,302.27 | 3/4 | 3,945.68 | 3/4 | 3,589.09 | 3/4 | 3,232.50 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 5,005.11 | 2   | 4,651.43 | 2   | 4,294.84 | 2   | 3,938.25 | 2   | 3,581.66 | 2   | 3,225.07 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,998.32 | 1/4 | 4,644.00 | 1/4 | 4,287.41 | 1/4 | 3,930.82 | 1/4 | 3,574.23 | 1/4 | 3,217.64 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,991.53 | 1/2 | 4,636.58 | 1/2 | 4,279.98 | 1/2 | 3,923.39 | 1/2 | 3,566.80 | 1/2 | 3,210.21 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,984.74 | 3/4 | 4,629.15 | 3/4 | 4,272.56 | 3/4 | 3,915.96 | 3/4 | 3,559.37 | 3/4 | 3,202.78 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 4,977.95 | 3   | 4,621.72 | 3   | 4,265.13 | 3   | 3,908.53 | 3   | 3,551.94 | 3   | 3,195.35 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,970.61 | 1/4 | 4,614.29 | 1/4 | 4,257.70 | 1/4 | 3,901.10 | 1/4 | 3,544.51 | 1/4 | 3,187.92 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,963.27 | 1/2 | 4,606.86 | 1/2 | 4,250.27 | 1/2 | 3,893.67 | 1/2 | 3,537.09 | 1/2 | 3,180.49 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,955.93 | 3/4 | 4,599.43 | 3/4 | 4,242.84 | 3/4 | 3,886.25 | 3/4 | 3,529.66 | 3/4 | 3,173.06 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 4,948.59 | 4   | 4,592.00 | 4   | 4,235.41 | 4   | 3,878.82 | 4   | 3,522.23 | 4   | 3,165.63 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,941.16 | 1/4 | 4,584.57 | 1/4 | 4,227.98 | 1/4 | 3,871.39 | 1/4 | 3,514.80 | 1/4 | 3,158.20 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,933.74 | 1/2 | 4,577.14 | 1/2 | 4,220.55 | 1/2 | 3,863.96 | 1/2 | 3,507.37 | 1/2 | 3,150.78 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,926.31 | 3/4 | 4,569.72 | 3/4 | 4,213.12 | 3/4 | 3,856.53 | 3/4 | 3,499.94 | 3/4 | 3,143.35 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,918.88 | 5   | 4,562.29 | 5   | 4,205.69 | 5   | 3,849.10 | 5   | 3,492.51 | 5   | 3,135.92 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,911.45 | 1/4 | 4,554.86 | 1/4 | 4,198.26 | 1/4 | 3,841.67 | 1/4 | 3,485.08 | 1/4 | 3,128.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,904.02 | 1/2 | 4,547.43 | 1/2 | 4,190.83 | 1/2 | 3,834.25 | 1/2 | 3,477.65 | 1/2 | 3,121.06 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,896.59 | 3/4 | 4,540.00 | 3/4 | 4,183.41 | 3/4 | 3,826.82 | 3/4 | 3,470.22 | 3/4 | 3,113.63 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,889.16 | 6   | 4,532.57 | 6   | 4,175.98 | 6   | 3,819.39 | 6   | 3,462.79 | 6   | 3,106.20 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,881.73 | 1/4 | 4,525.14 | 1/4 | 4,168.55 | 1/4 | 3,811.96 | 1/4 | 3,455.36 | 1/4 | 3,098.77 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,874.31 | 1/2 | 4,517.71 | 1/2 | 4,161.12 | 1/2 | 3,804.53 | 1/2 | 3,447.94 | 1/2 | 3,091.35 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,866.88 | 3/4 | 4,510.28 | 3/4 | 4,153.69 | 3/4 | 3,797.10 | 3/4 | 3,440.51 | 3/4 | 3,083.92 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,859.45 | 7   | 4,502.85 | 7   | 4,146.26 | 7   | 3,789.67 | 7   | 3,433.08 | 7   | 3,076.49 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,852.02 | 1/4 | 4,495.42 | 1/4 | 4,138.86 | 1/4 | 3,782.24 | 1/4 | 3,425.65 | 1/4 | 3,069.06 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,844.59 | 1/2 | 4,487.99 | 1/2 | 4,131.45 | 1/2 | 3,774.81 | 1/2 | 3,418.22 | 1/2 | 3,061.63 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,837.16 | 3/4 | 4,480.57 | 3/4 | 4,124.05 | 3/4 | 3,767.38 | 3/4 | 3,410.79 | 3/4 | 3,054.20 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,829.73 | 8   | 4,473.14 | 8   | 4,116.65 | 8   | 3,759.95 | 8   | 3,403.36 | 8   | 3,046.77 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,822.30 | 1/4 | 4,465.71 | 1/4 | 4,109.19 | 1/4 | 3,752.52 | 1/4 | 3,395.93 | 1/4 | 3,039.34 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,814.87 | 1/2 | 4,458.28 | 1/2 | 4,101.74 | 1/2 | 3,745.10 | 1/2 | 3,388.51 | 1/2 | 3,031.91 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,807.44 | 3/4 | 4,450.85 | 3/4 | 4,094.28 | 3/4 | 3,737.67 | 3/4 | 3,381.08 | 3/4 | 3,024.48 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,800.01 | 9   | 4,443.42 | 9   | 4,086.83 | 9   | 3,730.24 | 9   | 3,373.65 | 9   | 3,017.05 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,792.58 | 1/4 | 4,435.99 | 1/4 | 4,079.40 | 1/4 | 3,722.81 | 1/4 | 3,366.22 | 1/4 | 3,009.62 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,785.16 | 1/2 | 4,428.56 | 1/2 | 4,071.97 | 1/2 | 3,715.38 | 1/2 | 3,358.79 | 1/2 | 3,002.20 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,777.73 | 3/4 | 4,421.14 | 3/4 | 4,064.54 | 3/4 | 3,707.95 | 3/4 | 3,351.36 | 3/4 | 2,994.77 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,770.30 | 10  | 4,413.71 | 10  | 4,057.11 | 10  | 3,700.52 | 10  | 3,343.93 | 10  | 2,987.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,762.87 | 1/4 | 4,406.28 | 1/4 | 4,049.68 | 1/4 | 3,693.09 | 1/4 | 3,336.50 | 1/4 | 2,979.91 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,755.44 | 1/2 | 4,398.85 | 1/2 | 4,042.25 | 1/2 | 3,685.67 | 1/2 | 3,329.07 | 1/2 | 2,972.48 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,748.01 | 3/4 | 4,391.42 | 3/4 | 4,034.83 | 3/4 | 3,678.24 | 3/4 | 3,321.64 | 3/4 | 2,965.05 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,740.58 | 11  | 4,383.99 | 11  | 4,027.40 | 11  | 3,670.81 | 11  | 3,314.21 | 11  | 2,957.62 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,733.15 | 1/4 | 4,376.56 | 1/4 | 4,019.97 | 1/4 | 3,663.38 | 1/4 | 3,306.78 | 1/4 | 2,950.19 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,725.73 | 1/2 | 4,369.13 | 1/2 | 4,012.54 | 1/2 | 3,655.95 | 1/2 | 3,299.36 | 1/2 | 2,942.77 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,718.30 | 3/4 | 4,361.70 | 3/4 | 4,005.11 | 3/4 | 3,648.52 | 3/4 | 3,291.93 | 3/4 | 2,935.34 |

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'-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 3080"

## 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   | 2,571.31 | 0   | 2,214.72 | 0   | 1,858.13 | 0   | 1,501.54 | 0   | 1,144.95 | 0   | 788.35 | 0   | 430.50 | 0   | 92.68  | 0   |        | 0   |        |
| 1/4 | 2,563.88 | 1/4 | 2,207.29 | 1/4 | 1,850.70 | 1/4 | 1,494.11 | 1/4 | 1,137.52 | 1/4 | 780.92 | 1/4 | 423.05 | 1/4 | 86.22  | 1/4 |        | 1/4 |        |
| 1/2 | 2,556.46 | 1/2 | 2,199.87 | 1/2 | 1,843.27 | 1/2 | 1,486.68 | 1/2 | 1,130.09 | 1/2 | 773.50 | 1/2 | 415.60 | 1/2 | 79.75  | 1/2 |        | 1/2 |        |
| 3/4 | 2,549.03 | 3/4 | 2,192.44 | 3/4 | 1,835.84 | 3/4 | 1,479.25 | 3/4 | 1,122.66 | 3/4 | 766.07 | 3/4 | 408.14 | 3/4 | 73.29  | 3/4 |        | 3/4 |        |
| 1   | 2,541.60 | 1   | 2,185.01 | 1   | 1,828.41 | 1   | 1,471.82 | 1   | 1,115.23 | 1   | 758.64 | 1   | 400.69 | 1   | 66.82  | 1   |        | 1   |        |
| 1/4 | 2,534.17 | 1/4 | 2,177.58 | 1/4 | 1,820.98 | 1/4 | 1,464.39 | 1/4 | 1,107.80 | 1/4 | 751.21 | 1/4 | 393.33 | 1/4 | 60.56  | 1/4 |        | 1/4 |        |
| 1/2 | 2,526.74 | 1/2 | 2,170.15 | 1/2 | 1,813.56 | 1/2 | 1,456.97 | 1/2 | 1,100.37 | 1/2 | 743.78 | 1/2 | 385.98 | 1/2 | 54.30  | 1/2 |        | 1/2 |        |
| 3/4 | 2,519.31 | 3/4 | 2,162.72 | 3/4 | 1,806.13 | 3/4 | 1,449.54 | 3/4 | 1,092.94 | 3/4 | 736.35 | 3/4 | 378.62 | 3/4 | 48.04  | 3/4 |        | 3/4 |        |
| 2   | 2,511.88 | 2   | 2,155.29 | 2   | 1,798.70 | 2   | 1,442.11 | 2   | 1,085.51 | 2   | 728.92 | 2   | 371.26 | 2   | 41.78  | 2   |        | 2   |        |
| 1/4 | 2,504.45 | 1/4 | 2,147.86 | 1/4 | 1,791.27 | 1/4 | 1,434.68 | 1/4 | 1,078.08 | 1/4 | 721.49 | 1/4 | 363.93 | 1/4 | 36.84  | 1/4 |        | 1/4 |        |
| 1/2 | 2,497.03 | 1/2 | 2,140.43 | 1/2 | 1,783.84 | 1/2 | 1,427.25 | 1/2 | 1,070.66 | 1/2 | 714.06 | 1/2 | 356.60 | 1/2 | 31.91  | 1/2 |        | 1/2 |        |
| 3/4 | 2,489.60 | 3/4 | 2,133.00 | 3/4 | 1,776.41 | 3/4 | 1,419.82 | 3/4 | 1,063.23 | 3/4 | 706.63 | 3/4 | 349.27 | 3/4 | 26.97  | 3/4 |        | 3/4 |        |
| 3   | 2,482.17 | 3   | 2,125.57 | 3   | 1,768.98 | 3   | 1,412.39 | 3   | 1,055.80 | 3   | 699.20 | 3   | 341.94 | 3   | 22.03  | 3   |        | 3   |        |
| 1/4 | 2,474.74 | 1/4 | 2,118.14 | 1/4 | 1,761.55 | 1/4 | 1,404.96 | 1/4 | 1,048.37 | 1/4 | 691.77 | 1/4 | 334.71 | 1/4 | 18.62  | 1/4 |        | 1/4 |        |
| 1/2 | 2,467.31 | 1/2 | 2,110.72 | 1/2 | 1,754.13 | 1/2 | 1,397.53 | 1/2 | 1,040.94 | 1/2 | 684.35 | 1/2 | 327.47 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,459.88 | 3/4 | 2,103.29 | 3/4 | 1,746.70 | 3/4 | 1,390.10 | 3/4 | 1,033.51 | 3/4 | 676.92 | 3/4 | 320.24 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,452.45 | 4   | 2,095.86 | 4   | 1,739.27 | 4   | 1,382.67 | 4   | 1,026.08 | 4   | 669.49 | 4   | 313.00 | 4   | 4      | 4   |        | 4   |        |
| 1/4 | 2,445.02 | 1/4 | 2,088.43 | 1/4 | 1,731.84 | 1/4 | 1,375.24 | 1/4 | 1,018.65 | 1/4 | 662.06 | 1/4 | 305.80 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,437.59 | 1/2 | 2,081.00 | 1/2 | 1,724.41 | 1/2 | 1,367.82 | 1/2 | 1,011.22 | 1/2 | 654.63 | 1/2 | 298.60 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,430.16 | 3/4 | 2,073.57 | 3/4 | 1,716.98 | 3/4 | 1,360.39 | 3/4 | 1,003.79 | 3/4 | 647.20 | 3/4 | 291.39 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,422.73 | 5   | 2,066.14 | 5   | 1,709.55 | 5   | 1,352.96 | 5   | 996.36   | 5   | 639.77 | 5   | 284.19 | 5   | 5      | 5   |        | 5   |        |
| 1/4 | 2,415.30 | 1/4 | 2,058.71 | 1/4 | 1,702.12 | 1/4 | 1,345.53 | 1/4 | 988.93   | 1/4 | 632.34 | 1/4 | 277.08 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,407.88 | 1/2 | 2,051.29 | 1/2 | 1,694.69 | 1/2 | 1,338.10 | 1/2 | 981.51   | 1/2 | 624.92 | 1/2 | 269.98 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,400.45 | 3/4 | 2,043.86 | 3/4 | 1,687.26 | 3/4 | 1,330.67 | 3/4 | 974.08   | 3/4 | 617.49 | 3/4 | 262.87 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,393.02 | 6   | 2,036.43 | 6   | 1,679.83 | 6   | 1,323.24 | 6   | 966.65   | 6   | 610.06 | 6   | 255.76 | 6   | 6      | 6   |        | 6   |        |
| 1/4 | 2,385.59 | 1/4 | 2,029.00 | 1/4 | 1,672.40 | 1/4 | 1,315.81 | 1/4 | 959.22   | 1/4 | 602.63 | 1/4 | 248.68 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,378.16 | 1/2 | 2,021.57 | 1/2 | 1,664.98 | 1/2 | 1,308.39 | 1/2 | 951.79   | 1/2 | 595.20 | 1/2 | 241.61 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,370.73 | 3/4 | 2,014.14 | 3/4 | 1,657.55 | 3/4 | 1,300.96 | 3/4 | 944.36   | 3/4 | 587.77 | 3/4 | 234.53 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,363.30 | 7   | 2,006.71 | 7   | 1,650.12 | 7   | 1,293.53 | 7   | 936.93   | 7   | 580.34 | 7   | 227.45 | 7   | 7      | 7   |        | 7   |        |
| 1/4 | 2,355.87 | 1/4 | 1,999.28 | 1/4 | 1,642.69 | 1/4 | 1,286.10 | 1/4 | 929.50   | 1/4 | 572.91 | 1/4 | 220.47 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,348.45 | 1/2 | 1,991.85 | 1/2 | 1,635.26 | 1/2 | 1,278.67 | 1/2 | 922.08   | 1/2 | 565.49 | 1/2 | 213.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,341.02 | 3/4 | 1,984.42 | 3/4 | 1,627.83 | 3/4 | 1,271.24 | 3/4 | 914.65   | 3/4 | 558.06 | 3/4 | 206.50 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,333.59 | 8   | 1,976.99 | 8   | 1,620.40 | 8   | 1,263.81 | 8   | 907.22   | 8   | 550.63 | 8   | 199.52 | 8   | 8      | 8   |        | 8   |        |
| 1/4 | 2,326.16 | 1/4 | 1,969.56 | 1/4 | 1,612.97 | 1/4 | 1,256.38 | 1/4 | 899.79   | 1/4 | 543.20 | 1/4 | 192.57 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,318.73 | 1/2 | 1,962.14 | 1/2 | 1,605.55 | 1/2 | 1,248.95 | 1/2 | 892.36   | 1/2 | 535.77 | 1/2 | 185.62 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,311.30 | 3/4 | 1,954.71 | 3/4 | 1,598.12 | 3/4 | 1,241.52 | 3/4 | 884.93   | 3/4 | 528.34 | 3/4 | 178.66 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,303.87 | 9   | 1,947.28 | 9   | 1,590.69 | 9   | 1,234.09 | 9   | 877.50   | 9   | 520.91 | 9   | 171.71 | 9   | 9      | 9   |        | 9   |        |
| 1/4 | 2,296.44 | 1/4 | 1,939.85 | 1/4 | 1,583.26 | 1/4 | 1,226.66 | 1/4 | 870.07   | 1/4 | 513.37 | 1/4 | 165.03 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,289.01 | 1/2 | 1,932.42 | 1/2 | 1,575.83 | 1/2 | 1,219.24 | 1/2 | 862.64   | 1/2 | 505.83 | 1/2 | 158.36 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,281.58 | 3/4 | 1,924.99 | 3/4 | 1,568.40 | 3/4 | 1,211.81 | 3/4 | 855.21   | 3/4 | 498.29 | 3/4 | 151.68 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,274.15 | 10  | 1,917.56 | 10  | 1,560.97 | 10  | 1,204.38 | 10  | 847.78   | 10  | 490.75 | 10  | 145.00 | 10  | 10     | 10  |        | 10  |        |
| 1/4 | 2,266.72 | 1/4 | 1,910.13 | 1/4 | 1,553.54 | 1/4 | 1,196.95 | 1/4 | 840.35   | 1/4 | 483.17 | 1/4 | 138.42 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,259.30 | 1/2 | 1,902.71 | 1/2 | 1,546.11 | 1/2 | 1,189.52 | 1/2 | 832.93   | 1/2 | 475.59 | 1/2 | 131.83 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,251.87 | 3/4 | 1,895.28 | 3/4 | 1,538.68 | 3/4 | 1,182.09 | 3/4 | 825.50   | 3/4 | 468.01 | 3/4 | 125.25 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,244.44 | 11  | 1,887.85 | 11  | 1,531.25 | 11  | 1,174.66 | 11  | 818.07   | 11  | 460.43 | 11  | 118.66 | 11  | 11     | 11  |        | 11  |        |
| 1/4 | 2,237.01 | 1/4 | 1,880.42 | 1/4 | 1,523.82 | 1/4 | 1,167.23 | 1/4 | 810.64   | 1/4 | 452.95 | 1/4 | 112.17 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,229.58 | 1/2 | 1,872.99 | 1/2 | 1,516.40 | 1/2 | 1,159.81 | 1/2 | 803.21   | 1/2 | 445.47 | 1/2 | 105.67 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,222.15 | 3/4 | 1,865.56 | 3/4 | 1,508.97 | 3/4 | 1,152.38 | 3/4 | 795.78   | 3/4 | 437.98 | 3/4 | 99.18  | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## 2 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 3/4"

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   | 4,789.03 | 0   | 4,433.26 | 0   | 4,072.69 | 0   | 3,712.11 | 0   | 3,351.54 | 0   | 2,990.96 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,781.88 | 1/4 | 4,425.75 | 1/4 | 4,065.17 | 1/4 | 3,704.59 | 1/4 | 3,344.02 | 1/4 | 2,983.44 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,774.74 | 1/2 | 4,418.24 | 1/2 | 4,057.66 | 1/2 | 3,697.08 | 1/2 | 3,336.51 | 1/2 | 2,975.93 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,767.60 | 3/4 | 4,410.73 | 3/4 | 4,050.15 | 3/4 | 3,689.57 | 3/4 | 3,329.00 | 3/4 | 2,968.42 |
| 1   |       | 1   |       | 1   |       | 1   |       | 1   | 4,760.46 | 1   | 4,403.22 | 1   | 4,042.64 | 1   | 3,682.06 | 1   | 3,321.49 | 1   | 2,960.91 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,082.29 | 1/4 | 4,753.31 | 1/4 | 4,395.70 | 1/4 | 4,035.12 | 1/4 | 3,674.55 | 1/4 | 3,313.97 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,078.03 | 1/2 | 4,746.17 | 1/2 | 4,388.19 | 1/2 | 4,027.61 | 1/2 | 3,667.04 | 1/2 | 3,306.46 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,072.71 | 3/4 | 4,739.03 | 3/4 | 4,380.68 | 3/4 | 4,020.10 | 3/4 | 3,659.53 | 3/4 | 3,298.95 |
| 2   |       | 2   |       | 2   |       | 2   |       | 2   | 5,067.38 | 2   | 4,731.89 | 2   | 4,373.17 | 2   | 4,012.59 | 2   | 3,652.02 | 2   | 3,291.44 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,062.06 | 1/4 | 4,724.75 | 1/4 | 4,365.65 | 1/4 | 4,005.07 | 1/4 | 3,644.50 | 1/4 | 3,283.92 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,056.73 | 1/2 | 4,717.61 | 1/2 | 4,358.14 | 1/2 | 3,997.56 | 1/2 | 3,636.99 | 1/2 | 3,276.41 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,050.38 | 3/4 | 4,710.38 | 3/4 | 4,350.63 | 3/4 | 3,990.05 | 3/4 | 3,629.48 | 3/4 | 3,268.90 |
| 3   |       | 3   |       | 3   |       | 3   |       | 3   | 5,044.03 | 3   | 4,703.14 | 3   | 4,343.12 | 3   | 3,982.54 | 3   | 3,621.97 | 3   | 3,261.39 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,037.67 | 1/4 | 4,695.91 | 1/4 | 4,335.60 | 1/4 | 3,975.03 | 1/4 | 3,614.45 | 1/4 | 3,253.87 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,031.32 | 1/2 | 4,688.67 | 1/2 | 4,328.09 | 1/2 | 3,967.52 | 1/2 | 3,606.94 | 1/2 | 3,246.36 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,024.31 | 3/4 | 4,681.16 | 3/4 | 4,320.58 | 3/4 | 3,960.01 | 3/4 | 3,599.43 | 3/4 | 3,238.85 |
| 4   |       | 4   |       | 4   |       | 4   |       | 4   | 5,017.31 | 4   | 4,673.65 | 4   | 4,313.07 | 4   | 3,952.50 | 4   | 3,591.92 | 4   | 3,231.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,010.30 | 1/4 | 4,666.13 | 1/4 | 4,305.55 | 1/4 | 3,944.98 | 1/4 | 3,584.40 | 1/4 | 3,223.83 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,003.29 | 1/2 | 4,658.62 | 1/2 | 4,298.04 | 1/2 | 3,937.47 | 1/2 | 3,576.89 | 1/2 | 3,216.32 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,996.15 | 3/4 | 4,651.11 | 3/4 | 4,290.53 | 3/4 | 3,929.96 | 3/4 | 3,569.38 | 3/4 | 3,208.81 |
| 5   |       | 5   |       | 5   |       | 5   |       | 5   | 4,989.01 | 5   | 4,643.60 | 5   | 4,283.02 | 5   | 3,922.45 | 5   | 3,561.87 | 5   | 3,201.30 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,981.86 | 1/4 | 4,636.08 | 1/4 | 4,275.51 | 1/4 | 3,914.93 | 1/4 | 3,554.35 | 1/4 | 3,193.78 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,974.72 | 1/2 | 4,628.57 | 1/2 | 4,268.00 | 1/2 | 3,907.42 | 1/2 | 3,546.84 | 1/2 | 3,186.27 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,967.58 | 3/4 | 4,621.06 | 3/4 | 4,260.49 | 3/4 | 3,899.91 | 3/4 | 3,539.33 | 3/4 | 3,178.76 |
| 6   |       | 6   |       | 6   |       | 6   |       | 6   | 4,960.44 | 6   | 4,613.55 | 6   | 4,252.98 | 6   | 3,892.40 | 6   | 3,531.82 | 6   | 3,171.25 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,953.29 | 1/4 | 4,606.03 | 1/4 | 4,245.46 | 1/4 | 3,884.88 | 1/4 | 3,524.31 | 1/4 | 3,163.73 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,946.15 | 1/2 | 4,598.52 | 1/2 | 4,237.95 | 1/2 | 3,877.37 | 1/2 | 3,516.80 | 1/2 | 3,156.22 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,939.01 | 3/4 | 4,591.01 | 3/4 | 4,230.44 | 3/4 | 3,869.86 | 3/4 | 3,509.29 | 3/4 | 3,148.71 |
| 7   |       | 7   |       | 7   |       | 7   |       | 7   | 4,931.87 | 7   | 4,583.50 | 7   | 4,222.93 | 7   | 3,862.35 | 7   | 3,501.78 | 7   | 3,141.20 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,924.72 | 1/4 | 4,575.99 | 1/4 | 4,215.41 | 1/4 | 3,854.83 | 1/4 | 3,494.26 | 1/4 | 3,133.68 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,917.58 | 1/2 | 4,568.48 | 1/2 | 4,207.90 | 1/2 | 3,847.32 | 1/2 | 3,486.75 | 1/2 | 3,126.17 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,910.44 | 3/4 | 4,560.97 | 3/4 | 4,200.39 | 3/4 | 3,839.81 | 3/4 | 3,479.24 | 3/4 | 3,118.66 |
| 8   |       | 8   |       | 8   |       | 8   |       | 8   | 4,903.30 | 8   | 4,553.46 | 8   | 4,192.88 | 8   | 3,832.30 | 8   | 3,471.73 | 8   | 3,111.15 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,896.15 | 1/4 | 4,545.94 | 1/4 | 4,185.36 | 1/4 | 3,824.79 | 1/4 | 3,464.21 | 1/4 | 3,103.63 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,889.01 | 1/2 | 4,538.43 | 1/2 | 4,177.85 | 1/2 | 3,817.28 | 1/2 | 3,456.70 | 1/2 | 3,096.12 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,881.87 | 3/4 | 4,530.92 | 3/4 | 4,170.34 | 3/4 | 3,809.77 | 3/4 | 3,449.19 | 3/4 | 3,088.61 |
| 9   |       | 9   |       | 9   |       | 9   |       | 9   | 4,874.73 | 9   | 4,523.41 | 9   | 4,162.83 | 9   | 3,802.26 | 9   | 3,441.68 | 9   | 3,081.10 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,867.59 | 1/4 | 4,515.89 | 1/4 | 4,155.31 | 1/4 | 3,794.74 | 1/4 | 3,434.16 | 1/4 | 3,073.59 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,860.45 | 1/2 | 4,508.38 | 1/2 | 4,147.80 | 1/2 | 3,787.23 | 1/2 | 3,426.65 | 1/2 | 3,066.08 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,853.31 | 3/4 | 4,500.87 | 3/4 | 4,140.29 | 3/4 | 3,779.72 | 3/4 | 3,419.14 | 3/4 | 3,058.57 |
| 10  |       | 10  |       | 10  |       | 10  |       | 10  | 4,846.17 | 10  | 4,493.36 | 10  | 4,132.78 | 10  | 3,772.21 | 10  | 3,411.63 | 10  | 3,051.06 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,839.02 | 1/4 | 4,485.84 | 1/4 | 4,125.27 | 1/4 | 3,764.69 | 1/4 | 3,404.11 | 1/4 | 3,043.54 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,831.88 | 1/2 | 4,478.33 | 1/2 | 4,117.76 | 1/2 | 3,757.18 | 1/2 | 3,396.60 | 1/2 | 3,036.03 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,824.74 | 3/4 | 4,470.82 | 3/4 | 4,110.25 | 3/4 | 3,749.67 | 3/4 | 3,389.09 | 3/4 | 3,028.52 |
| 11  |       | 11  |       | 11  |       | 11  |       | 11  | 4,817.60 | 11  | 4,463.31 | 11  | 4,102.74 | 11  | 3,742.16 | 11  | 3,381.58 | 11  | 3,021.01 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,810.45 | 1/4 | 4,455.79 | 1/4 | 4,095.22 | 1/4 | 3,734.64 | 1/4 | 3,374.07 | 1/4 | 3,013.49 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,803.31 | 1/2 | 4,448.28 | 1/2 | 4,087.71 | 1/2 | 3,727.13 | 1/2 | 3,366.56 | 1/2 | 3,005.98 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,796.17 | 3/4 | 4,440.77 | 3/4 | 4,080.20 | 3/4 | 3,719.62 | 3/4 | 3,359.05 | 3/4 | 2,998.47 |

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

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# BARGE "HTCO 3080"

## 2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,630.38 | 0   | 2,269.81 | 0   | 1,909.23 | 0   | 1,548.66 | 0   | 1,188.08 | 0   | 827.50 | 0   | 466.93 | 0   | 111.55 | 0   |        | 0   |        |
| 1/4 | 2,622.87 | 1/4 | 2,262.29 | 1/4 | 1,901.71 | 1/4 | 1,541.14 | 1/4 | 1,180.56 | 1/4 | 819.99 | 1/4 | 459.41 | 1/4 | 104.62 | 1/4 |        | 1/4 |        |
| 1/2 | 2,615.36 | 1/2 | 2,254.78 | 1/2 | 1,894.20 | 1/2 | 1,533.63 | 1/2 | 1,173.05 | 1/2 | 812.48 | 1/2 | 451.90 | 1/2 | 97.68  | 1/2 |        | 1/2 |        |
| 3/4 | 2,607.85 | 3/4 | 2,247.27 | 3/4 | 1,886.69 | 3/4 | 1,526.12 | 3/4 | 1,165.54 | 3/4 | 804.97 | 3/4 | 444.39 | 3/4 | 90.75  | 3/4 |        | 3/4 |        |
| 1   | 2,600.34 | 1   | 2,239.76 | 1   | 1,879.18 | 1   | 1,518.61 | 1   | 1,158.03 | 1   | 797.46 | 1   | 436.88 | 1   | 83.82  | 1   |        | 1   |        |
| 1/4 | 2,592.82 | 1/4 | 2,232.24 | 1/4 | 1,871.67 | 1/4 | 1,511.09 | 1/4 | 1,150.51 | 1/4 | 789.94 | 1/4 | 429.36 | 1/4 | 76.88  | 1/4 |        | 1/4 |        |
| 1/2 | 2,585.31 | 1/2 | 2,224.73 | 1/2 | 1,864.16 | 1/2 | 1,503.58 | 1/2 | 1,143.00 | 1/2 | 782.43 | 1/2 | 421.85 | 1/2 | 69.95  | 1/2 |        | 1/2 |        |
| 3/4 | 2,577.80 | 3/4 | 2,217.22 | 3/4 | 1,856.65 | 3/4 | 1,496.07 | 3/4 | 1,135.49 | 3/4 | 774.92 | 3/4 | 414.34 | 3/4 | 63.14  | 3/4 |        | 3/4 |        |
| 2   | 2,570.29 | 2   | 2,209.71 | 2   | 1,849.14 | 2   | 1,488.56 | 2   | 1,127.98 | 2   | 767.41 | 2   | 406.83 | 2   | 56.33  | 2   |        | 2   |        |
| 1/4 | 2,562.77 | 1/4 | 2,202.19 | 1/4 | 1,841.62 | 1/4 | 1,481.04 | 1/4 | 1,120.47 | 1/4 | 759.89 | 1/4 | 399.31 | 1/4 | 49.52  | 1/4 |        | 1/4 |        |
| 1/2 | 2,555.26 | 1/2 | 2,194.68 | 1/2 | 1,834.11 | 1/2 | 1,473.53 | 1/2 | 1,112.96 | 1/2 | 752.38 | 1/2 | 391.80 | 1/2 | 42.71  | 1/2 |        | 1/2 |        |
| 3/4 | 2,547.75 | 3/4 | 2,187.17 | 3/4 | 1,826.60 | 3/4 | 1,466.02 | 3/4 | 1,105.45 | 3/4 | 744.87 | 3/4 | 384.29 | 3/4 | 37.43  | 3/4 |        | 3/4 |        |
| 3   | 2,540.24 | 3   | 2,179.66 | 3   | 1,819.09 | 3   | 1,458.51 | 3   | 1,097.94 | 3   | 737.36 | 3   | 376.78 | 3   | 32.15  | 3   |        | 3   |        |
| 1/4 | 2,532.72 | 1/4 | 2,172.15 | 1/4 | 1,811.57 | 1/4 | 1,450.99 | 1/4 | 1,090.42 | 1/4 | 729.84 | 1/4 | 369.27 | 1/4 | 26.87  | 1/4 |        | 1/4 |        |
| 1/2 | 2,525.21 | 1/2 | 2,164.64 | 1/2 | 1,804.06 | 1/2 | 1,443.48 | 1/2 | 1,082.91 | 1/2 | 722.33 | 1/2 | 361.76 | 1/2 | 21.59  | 1/2 |        | 1/2 |        |
| 3/4 | 2,517.70 | 3/4 | 2,157.13 | 3/4 | 1,796.55 | 3/4 | 1,435.97 | 3/4 | 1,075.40 | 3/4 | 714.82 | 3/4 | 354.25 | 3/4 | 18.06  | 3/4 |        | 3/4 |        |
| 4   | 2,510.19 | 4   | 2,149.62 | 4   | 1,789.04 | 4   | 1,428.46 | 4   | 1,067.89 | 4   | 707.31 | 4   | 346.74 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,502.67 | 1/4 | 2,142.10 | 1/4 | 1,781.52 | 1/4 | 1,420.95 | 1/4 | 1,060.37 | 1/4 | 699.79 | 1/4 | 339.22 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,495.16 | 1/2 | 2,134.59 | 1/2 | 1,774.01 | 1/2 | 1,413.44 | 1/2 | 1,052.86 | 1/2 | 692.28 | 1/2 | 331.71 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,487.65 | 3/4 | 2,127.08 | 3/4 | 1,766.50 | 3/4 | 1,405.93 | 3/4 | 1,045.35 | 3/4 | 684.77 | 3/4 | 324.20 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,480.14 | 5   | 2,119.57 | 5   | 1,758.99 | 5   | 1,398.42 | 5   | 1,037.84 | 5   | 677.26 | 5   | 316.69 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,472.63 | 1/4 | 2,112.05 | 1/4 | 1,751.47 | 1/4 | 1,390.90 | 1/4 | 1,030.32 | 1/4 | 669.75 | 1/4 | 309.17 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,465.12 | 1/2 | 2,104.54 | 1/2 | 1,743.96 | 1/2 | 1,383.39 | 1/2 | 1,022.81 | 1/2 | 662.24 | 1/2 | 301.66 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,457.61 | 3/4 | 2,097.03 | 3/4 | 1,736.45 | 3/4 | 1,375.88 | 3/4 | 1,015.30 | 3/4 | 654.73 | 3/4 | 294.15 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,450.10 | 6   | 2,089.52 | 6   | 1,728.94 | 6   | 1,368.37 | 6   | 1,007.79 | 6   | 647.22 | 6   | 286.64 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,442.58 | 1/4 | 2,082.00 | 1/4 | 1,721.43 | 1/4 | 1,360.85 | 1/4 | 1,000.27 | 1/4 | 639.70 | 1/4 | 279.12 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,435.07 | 1/2 | 2,074.49 | 1/2 | 1,713.92 | 1/2 | 1,353.34 | 1/2 | 992.76   | 1/2 | 632.19 | 1/2 | 271.61 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,427.56 | 3/4 | 2,066.98 | 3/4 | 1,706.41 | 3/4 | 1,345.83 | 3/4 | 985.25   | 3/4 | 624.68 | 3/4 | 264.10 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,420.05 | 7   | 2,059.47 | 7   | 1,698.90 | 7   | 1,338.32 | 7   | 977.74   | 7   | 617.17 | 7   | 256.59 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,412.53 | 1/4 | 2,051.95 | 1/4 | 1,691.38 | 1/4 | 1,330.80 | 1/4 | 970.23   | 1/4 | 609.65 | 1/4 | 249.07 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,405.02 | 1/2 | 2,044.44 | 1/2 | 1,683.87 | 1/2 | 1,323.29 | 1/2 | 962.72   | 1/2 | 602.14 | 1/2 | 241.56 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,397.51 | 3/4 | 2,036.93 | 3/4 | 1,676.36 | 3/4 | 1,315.78 | 3/4 | 955.21   | 3/4 | 594.63 | 3/4 | 234.05 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,390.00 | 8   | 2,029.42 | 8   | 1,668.85 | 8   | 1,308.27 | 8   | 947.70   | 8   | 587.12 | 8   | 226.54 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,382.48 | 1/4 | 2,021.91 | 1/4 | 1,661.33 | 1/4 | 1,300.75 | 1/4 | 940.18   | 1/4 | 579.60 | 1/4 | 219.03 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,374.97 | 1/2 | 2,014.40 | 1/2 | 1,653.82 | 1/2 | 1,293.24 | 1/2 | 932.67   | 1/2 | 572.09 | 1/2 | 211.52 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,367.46 | 3/4 | 2,006.89 | 3/4 | 1,646.31 | 3/4 | 1,285.73 | 3/4 | 925.16   | 3/4 | 564.58 | 3/4 | 204.01 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,359.95 | 9   | 1,999.38 | 9   | 1,638.80 | 9   | 1,278.22 | 9   | 917.65   | 9   | 557.07 | 9   | 196.50 | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,352.43 | 1/4 | 1,991.86 | 1/4 | 1,631.28 | 1/4 | 1,270.71 | 1/4 | 910.13   | 1/4 | 549.55 | 1/4 | 188.98 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,344.92 | 1/2 | 1,984.35 | 1/2 | 1,623.77 | 1/2 | 1,263.20 | 1/2 | 902.62   | 1/2 | 542.04 | 1/2 | 181.47 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,337.41 | 3/4 | 1,976.84 | 3/4 | 1,616.26 | 3/4 | 1,255.69 | 3/4 | 895.11   | 3/4 | 534.53 | 3/4 | 174.39 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,329.90 | 10  | 1,969.33 | 10  | 1,608.75 | 10  | 1,248.18 | 10  | 887.60   | 10  | 527.02 | 10  | 167.31 | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,322.39 | 1/4 | 1,961.81 | 1/4 | 1,601.23 | 1/4 | 1,240.66 | 1/4 | 880.08   | 1/4 | 519.51 | 1/4 | 160.23 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,314.88 | 1/2 | 1,954.30 | 1/2 | 1,593.72 | 1/2 | 1,233.15 | 1/2 | 872.57   | 1/2 | 512.00 | 1/2 | 153.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,307.37 | 3/4 | 1,946.79 | 3/4 | 1,586.21 | 3/4 | 1,225.64 | 3/4 | 865.06   | 3/4 | 504.49 | 3/4 | 146.22 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,299.86 | 11  | 1,939.28 | 11  | 1,578.70 | 11  | 1,218.13 | 11  | 857.55   | 11  | 496.98 | 11  | 139.29 | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,292.34 | 1/4 | 1,931.76 | 1/4 | 1,571.19 | 1/4 | 1,210.61 | 1/4 | 850.03   | 1/4 | 489.46 | 1/4 | 132.35 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,284.83 | 1/2 | 1,924.25 | 1/2 | 1,563.68 | 1/2 | 1,203.10 | 1/2 | 842.52   | 1/2 | 481.95 | 1/2 | 125.42 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,277.32 | 3/4 | 1,916.74 | 3/4 | 1,556.17 | 3/4 | 1,195.59 | 3/4 | 835.01   | 3/4 | 474.44 | 3/4 | 118.49 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## 2 STBD

### ULLAGE TABLE

### HERMETIC

#### GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |          | 0   | 4,781.88 | 0   | 4,425.75 | 0   | 4,065.17 | 0   | 3,704.59 | 0   | 3,344.02 | 0   | 2,983.44 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,774.74 | 1/4 | 4,418.24 | 1/4 | 4,057.66 | 1/4 | 3,697.08 | 1/4 | 3,336.51 | 1/4 | 2,975.93 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,767.60 | 1/2 | 4,410.73 | 1/2 | 4,050.15 | 1/2 | 3,689.57 | 1/2 | 3,329.00 | 1/2 | 2,968.42 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,760.46 | 3/4 | 4,403.22 | 3/4 | 4,042.64 | 3/4 | 3,682.06 | 3/4 | 3,321.49 | 3/4 | 2,960.91 |
| 1   |       | 1   |       | 1   |       | 1   | 5,082.29 | 1   | 4,753.31 | 1   | 4,395.70 | 1   | 4,035.12 | 1   | 3,674.55 | 1   | 3,313.97 | 1   | 2,953.39 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,078.03 | 1/4 | 4,746.17 | 1/4 | 4,388.19 | 1/4 | 4,027.61 | 1/4 | 3,667.04 | 1/4 | 3,306.46 | 1/4 | 2,945.88 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,072.71 | 1/2 | 4,739.03 | 1/2 | 4,380.68 | 1/2 | 4,020.10 | 1/2 | 3,659.53 | 1/2 | 3,298.95 | 1/2 | 2,938.37 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,067.38 | 3/4 | 4,731.89 | 3/4 | 4,373.17 | 3/4 | 4,012.59 | 3/4 | 3,652.02 | 3/4 | 3,291.44 | 3/4 | 2,930.86 |
| 2   |       | 2   |       | 2   |       | 2   | 5,062.06 | 2   | 4,724.75 | 2   | 4,365.65 | 2   | 4,005.07 | 2   | 3,644.50 | 2   | 3,283.92 | 2   | 2,923.35 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,056.73 | 1/4 | 4,717.61 | 1/4 | 4,358.14 | 1/4 | 3,997.56 | 1/4 | 3,636.99 | 1/4 | 3,276.41 | 1/4 | 2,915.84 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,050.38 | 1/2 | 4,710.38 | 1/2 | 4,350.63 | 1/2 | 3,990.05 | 1/2 | 3,629.48 | 1/2 | 3,268.90 | 1/2 | 2,908.33 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,044.03 | 3/4 | 4,703.14 | 3/4 | 4,343.12 | 3/4 | 3,982.54 | 3/4 | 3,621.97 | 3/4 | 3,261.39 | 3/4 | 2,900.82 |
| 3   |       | 3   |       | 3   |       | 3   | 5,037.67 | 3   | 4,695.91 | 3   | 4,335.60 | 3   | 3,975.03 | 3   | 3,614.45 | 3   | 3,253.87 | 3   | 2,893.30 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,031.32 | 1/4 | 4,688.67 | 1/4 | 4,328.09 | 1/4 | 3,967.52 | 1/4 | 3,606.94 | 1/4 | 3,246.36 | 1/4 | 2,885.79 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 5,024.31 | 1/2 | 4,681.16 | 1/2 | 4,320.58 | 1/2 | 3,960.01 | 1/2 | 3,599.43 | 1/2 | 3,238.85 | 1/2 | 2,878.28 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 5,017.31 | 3/4 | 4,673.65 | 3/4 | 4,313.07 | 3/4 | 3,952.50 | 3/4 | 3,591.92 | 3/4 | 3,231.34 | 3/4 | 2,870.77 |
| 4   |       | 4   |       | 4   |       | 4   | 5,010.30 | 4   | 4,666.13 | 4   | 4,305.55 | 4   | 3,944.98 | 4   | 3,584.40 | 4   | 3,223.83 | 4   | 2,863.25 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 5,003.29 | 1/4 | 4,658.62 | 1/4 | 4,298.04 | 1/4 | 3,937.47 | 1/4 | 3,576.89 | 1/4 | 3,216.32 | 1/4 | 2,855.74 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,996.15 | 1/2 | 4,651.11 | 1/2 | 4,290.53 | 1/2 | 3,929.96 | 1/2 | 3,569.38 | 1/2 | 3,208.81 | 1/2 | 2,848.23 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,989.01 | 3/4 | 4,643.60 | 3/4 | 4,283.02 | 3/4 | 3,922.45 | 3/4 | 3,561.87 | 3/4 | 3,201.30 | 3/4 | 2,840.72 |
| 5   |       | 5   |       | 5   |       | 5   | 4,981.86 | 5   | 4,636.08 | 5   | 4,275.51 | 5   | 3,914.93 | 5   | 3,554.35 | 5   | 3,193.78 | 5   | 2,833.20 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,974.72 | 1/4 | 4,628.57 | 1/4 | 4,268.00 | 1/4 | 3,907.42 | 1/4 | 3,546.84 | 1/4 | 3,186.27 | 1/4 | 2,825.69 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,967.58 | 1/2 | 4,621.06 | 1/2 | 4,260.49 | 1/2 | 3,899.91 | 1/2 | 3,539.33 | 1/2 | 3,178.76 | 1/2 | 2,818.18 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,960.44 | 3/4 | 4,613.55 | 3/4 | 4,252.98 | 3/4 | 3,892.40 | 3/4 | 3,531.82 | 3/4 | 3,171.25 | 3/4 | 2,810.67 |
| 6   |       | 6   |       | 6   |       | 6   | 4,953.29 | 6   | 4,606.03 | 6   | 4,245.46 | 6   | 3,884.88 | 6   | 3,524.31 | 6   | 3,163.73 | 6   | 2,803.15 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,946.15 | 1/4 | 4,598.52 | 1/4 | 4,237.95 | 1/4 | 3,877.37 | 1/4 | 3,516.80 | 1/4 | 3,156.22 | 1/4 | 2,795.64 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,939.01 | 1/2 | 4,591.01 | 1/2 | 4,230.44 | 1/2 | 3,869.86 | 1/2 | 3,509.29 | 1/2 | 3,148.71 | 1/2 | 2,788.13 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,931.87 | 3/4 | 4,583.50 | 3/4 | 4,222.93 | 3/4 | 3,862.35 | 3/4 | 3,501.78 | 3/4 | 3,141.20 | 3/4 | 2,780.62 |
| 7   |       | 7   |       | 7   |       | 7   | 4,924.72 | 7   | 4,575.99 | 7   | 4,215.41 | 7   | 3,854.83 | 7   | 3,494.26 | 7   | 3,133.68 | 7   | 2,773.11 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,917.58 | 1/4 | 4,568.48 | 1/4 | 4,207.90 | 1/4 | 3,847.32 | 1/4 | 3,486.75 | 1/4 | 3,126.17 | 1/4 | 2,765.60 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,910.44 | 1/2 | 4,560.97 | 1/2 | 4,200.39 | 1/2 | 3,839.81 | 1/2 | 3,479.24 | 1/2 | 3,118.66 | 1/2 | 2,758.09 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,903.30 | 3/4 | 4,553.46 | 3/4 | 4,192.88 | 3/4 | 3,832.30 | 3/4 | 3,471.73 | 3/4 | 3,111.15 | 3/4 | 2,750.58 |
| 8   |       | 8   |       | 8   |       | 8   | 4,896.15 | 8   | 4,545.94 | 8   | 4,185.36 | 8   | 3,824.79 | 8   | 3,464.21 | 8   | 3,103.63 | 8   | 2,743.06 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,889.01 | 1/4 | 4,538.43 | 1/4 | 4,177.85 | 1/4 | 3,817.28 | 1/4 | 3,456.70 | 1/4 | 3,096.12 | 1/4 | 2,735.55 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,881.87 | 1/2 | 4,530.92 | 1/2 | 4,170.34 | 1/2 | 3,809.77 | 1/2 | 3,449.19 | 1/2 | 3,088.61 | 1/2 | 2,728.04 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,874.73 | 3/4 | 4,523.41 | 3/4 | 4,162.83 | 3/4 | 3,802.26 | 3/4 | 3,441.68 | 3/4 | 3,081.10 | 3/4 | 2,720.53 |
| 9   |       | 9   |       | 9   |       | 9   | 4,867.59 | 9   | 4,515.89 | 9   | 4,155.31 | 9   | 3,794.74 | 9   | 3,434.16 | 9   | 3,073.59 | 9   | 2,713.01 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,860.45 | 1/4 | 4,508.38 | 1/4 | 4,147.80 | 1/4 | 3,787.23 | 1/4 | 3,426.65 | 1/4 | 3,066.08 | 1/4 | 2,705.50 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,853.31 | 1/2 | 4,500.87 | 1/2 | 4,140.29 | 1/2 | 3,779.72 | 1/2 | 3,419.14 | 1/2 | 3,058.57 | 1/2 | 2,697.99 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,846.17 | 3/4 | 4,493.36 | 3/4 | 4,132.78 | 3/4 | 3,772.21 | 3/4 | 3,411.63 | 3/4 | 3,051.06 | 3/4 | 2,690.48 |
| 10  |       | 10  |       | 10  |       | 10  | 4,839.02 | 10  | 4,485.84 | 10  | 4,125.27 | 10  | 3,764.69 | 10  | 3,404.11 | 10  | 3,043.54 | 10  | 2,682.96 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,831.88 | 1/4 | 4,478.33 | 1/4 | 4,117.76 | 1/4 | 3,757.18 | 1/4 | 3,396.60 | 1/4 | 3,036.03 | 1/4 | 2,675.45 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,824.74 | 1/2 | 4,470.82 | 1/2 | 4,110.25 | 1/2 | 3,749.67 | 1/2 | 3,389.09 | 1/2 | 3,028.52 | 1/2 | 2,667.94 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,817.60 | 3/4 | 4,463.31 | 3/4 | 4,102.74 | 3/4 | 3,742.16 | 3/4 | 3,381.58 | 3/4 | 3,021.01 | 3/4 | 2,660.43 |
| 11  |       | 11  |       | 11  |       | 11  | 4,810.45 | 11  | 4,455.79 | 11  | 4,095.22 | 11  | 3,734.64 | 11  | 3,374.07 | 11  | 3,013.49 | 11  | 2,652.91 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,803.31 | 1/4 | 4,448.28 | 1/4 | 4,087.71 | 1/4 | 3,727.13 | 1/4 | 3,366.56 | 1/4 | 3,005.98 | 1/4 | 2,645.40 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,796.17 | 1/2 | 4,440.77 | 1/2 | 4,080.20 | 1/2 | 3,719.62 | 1/2 | 3,359.05 | 1/2 | 2,998.47 | 1/2 | 2,637.89 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,789.03 | 3/4 | 4,433.26 | 3/4 | 4,072.69 | 3/4 | 3,712.11 | 3/4 | 3,351.54 | 3/4 | 2,990.96 | 3/4 | 2,630.38 |

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 3080"

2 STBD

ULLAGE TABLE  
HERMETIC

GAUGE HEIGHT 17'-03 1/2"

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   | 2,622.87 | 0   | 2,262.29 | 0   | 1,901.71 | 0   | 1,541.14 | 0   | 1,180.56 | 0   | 819.99 | 0   | 459.41 | 0   | 104.62 | 0   |        | 0   |        |
| 1/4 | 2,615.36 | 1/4 | 2,254.78 | 1/4 | 1,894.20 | 1/4 | 1,533.63 | 1/4 | 1,173.05 | 1/4 | 812.48 | 1/4 | 451.90 | 1/4 | 97.68  | 1/4 |        | 1/4 |        |
| 1/2 | 2,607.85 | 1/2 | 2,247.27 | 1/2 | 1,886.69 | 1/2 | 1,526.12 | 1/2 | 1,165.54 | 1/2 | 804.97 | 1/2 | 444.39 | 1/2 | 90.75  | 1/2 |        | 1/2 |        |
| 3/4 | 2,600.34 | 3/4 | 2,239.76 | 3/4 | 1,879.18 | 3/4 | 1,518.61 | 3/4 | 1,158.03 | 3/4 | 797.46 | 3/4 | 436.88 | 3/4 | 83.82  | 3/4 |        | 3/4 |        |
| 1   | 2,592.82 | 1   | 2,232.24 | 1   | 1,871.67 | 1   | 1,511.09 | 1   | 1,150.51 | 1   | 789.94 | 1   | 429.36 | 1   | 76.88  | 1   |        | 1   |        |
| 1/4 | 2,585.31 | 1/4 | 2,224.73 | 1/4 | 1,864.16 | 1/4 | 1,503.58 | 1/4 | 1,143.00 | 1/4 | 782.43 | 1/4 | 421.85 | 1/4 | 69.95  | 1/4 |        | 1/4 |        |
| 1/2 | 2,577.80 | 1/2 | 2,217.22 | 1/2 | 1,856.65 | 1/2 | 1,496.07 | 1/2 | 1,135.49 | 1/2 | 774.92 | 1/2 | 414.34 | 1/2 | 63.14  | 1/2 |        | 1/2 |        |
| 3/4 | 2,570.29 | 3/4 | 2,209.71 | 3/4 | 1,849.14 | 3/4 | 1,488.56 | 3/4 | 1,127.98 | 3/4 | 767.41 | 3/4 | 406.83 | 3/4 | 56.33  | 3/4 |        | 3/4 |        |
| 2   | 2,562.77 | 2   | 2,202.19 | 2   | 1,841.62 | 2   | 1,481.04 | 2   | 1,120.47 | 2   | 759.89 | 2   | 399.31 | 2   | 49.52  | 2   |        | 2   |        |
| 1/4 | 2,555.26 | 1/4 | 2,194.68 | 1/4 | 1,834.11 | 1/4 | 1,473.53 | 1/4 | 1,112.96 | 1/4 | 752.38 | 1/4 | 391.80 | 1/4 | 42.71  | 1/4 |        | 1/4 |        |
| 1/2 | 2,547.75 | 1/2 | 2,187.17 | 1/2 | 1,826.60 | 1/2 | 1,466.02 | 1/2 | 1,105.45 | 1/2 | 744.87 | 1/2 | 384.29 | 1/2 | 37.43  | 1/2 |        | 1/2 |        |
| 3/4 | 2,540.24 | 3/4 | 2,179.66 | 3/4 | 1,819.09 | 3/4 | 1,458.51 | 3/4 | 1,097.94 | 3/4 | 737.36 | 3/4 | 376.78 | 3/4 | 32.15  | 3/4 |        | 3/4 |        |
| 3   | 2,532.72 | 3   | 2,172.15 | 3   | 1,811.57 | 3   | 1,450.99 | 3   | 1,090.42 | 3   | 729.84 | 3   | 369.27 | 3   | 26.87  | 3   |        | 3   |        |
| 1/4 | 2,525.21 | 1/4 | 2,164.64 | 1/4 | 1,804.06 | 1/4 | 1,443.48 | 1/4 | 1,082.91 | 1/4 | 722.33 | 1/4 | 361.76 | 1/4 | 21.59  | 1/4 |        | 1/4 |        |
| 1/2 | 2,517.70 | 1/2 | 2,157.13 | 1/2 | 1,796.55 | 1/2 | 1,435.97 | 1/2 | 1,075.40 | 1/2 | 714.82 | 1/2 | 354.25 | 1/2 | 18.06  | 1/2 |        | 1/2 |        |
| 3/4 | 2,510.19 | 3/4 | 2,149.62 | 3/4 | 1,789.04 | 3/4 | 1,428.46 | 3/4 | 1,067.89 | 3/4 | 707.31 | 3/4 | 346.74 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,502.67 | 4   | 2,142.10 | 4   | 1,781.52 | 4   | 1,420.95 | 4   | 1,060.37 | 4   | 699.79 | 4   | 339.22 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,495.16 | 1/4 | 2,134.59 | 1/4 | 1,774.01 | 1/4 | 1,413.44 | 1/4 | 1,052.86 | 1/4 | 692.28 | 1/4 | 331.71 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,487.65 | 1/2 | 2,127.08 | 1/2 | 1,766.50 | 1/2 | 1,405.93 | 1/2 | 1,045.35 | 1/2 | 684.77 | 1/2 | 324.20 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,480.14 | 3/4 | 2,119.57 | 3/4 | 1,758.99 | 3/4 | 1,398.42 | 3/4 | 1,037.84 | 3/4 | 677.26 | 3/4 | 316.69 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,472.63 | 5   | 2,112.05 | 5   | 1,751.47 | 5   | 1,390.90 | 5   | 1,030.32 | 5   | 669.75 | 5   | 309.17 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,465.12 | 1/4 | 2,104.54 | 1/4 | 1,743.96 | 1/4 | 1,383.39 | 1/4 | 1,022.81 | 1/4 | 662.24 | 1/4 | 301.66 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,457.61 | 1/2 | 2,097.03 | 1/2 | 1,736.45 | 1/2 | 1,375.88 | 1/2 | 1,015.30 | 1/2 | 654.73 | 1/2 | 294.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,450.10 | 3/4 | 2,089.52 | 3/4 | 1,728.94 | 3/4 | 1,368.37 | 3/4 | 1,007.79 | 3/4 | 647.22 | 3/4 | 286.64 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,442.58 | 6   | 2,082.00 | 6   | 1,721.43 | 6   | 1,360.85 | 6   | 1,000.27 | 6   | 639.70 | 6   | 279.12 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,435.07 | 1/4 | 2,074.49 | 1/4 | 1,713.92 | 1/4 | 1,353.34 | 1/4 | 992.76   | 1/4 | 632.19 | 1/4 | 271.61 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,427.56 | 1/2 | 2,066.98 | 1/2 | 1,706.41 | 1/2 | 1,345.83 | 1/2 | 985.25   | 1/2 | 624.68 | 1/2 | 264.10 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,420.05 | 3/4 | 2,059.47 | 3/4 | 1,698.90 | 3/4 | 1,338.32 | 3/4 | 977.74   | 3/4 | 617.17 | 3/4 | 256.59 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,412.53 | 7   | 2,051.95 | 7   | 1,691.38 | 7   | 1,330.80 | 7   | 970.23   | 7   | 609.65 | 7   | 249.07 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,405.02 | 1/4 | 2,044.44 | 1/4 | 1,683.87 | 1/4 | 1,323.29 | 1/4 | 962.72   | 1/4 | 602.14 | 1/4 | 241.56 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,397.51 | 1/2 | 2,036.93 | 1/2 | 1,676.36 | 1/2 | 1,315.78 | 1/2 | 955.21   | 1/2 | 594.63 | 1/2 | 234.05 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,390.00 | 3/4 | 2,029.42 | 3/4 | 1,668.85 | 3/4 | 1,308.27 | 3/4 | 947.70   | 3/4 | 587.12 | 3/4 | 226.54 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,382.48 | 8   | 2,021.91 | 8   | 1,661.33 | 8   | 1,300.75 | 8   | 940.18   | 8   | 579.60 | 8   | 219.03 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,374.97 | 1/4 | 2,014.40 | 1/4 | 1,653.82 | 1/4 | 1,293.24 | 1/4 | 932.67   | 1/4 | 572.09 | 1/4 | 211.52 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,367.46 | 1/2 | 2,006.89 | 1/2 | 1,646.31 | 1/2 | 1,285.73 | 1/2 | 925.16   | 1/2 | 564.58 | 1/2 | 204.01 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,359.95 | 3/4 | 1,999.38 | 3/4 | 1,638.80 | 3/4 | 1,278.22 | 3/4 | 917.65   | 3/4 | 557.07 | 3/4 | 196.50 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,352.43 | 9   | 1,991.86 | 9   | 1,631.28 | 9   | 1,270.71 | 9   | 910.13   | 9   | 549.55 | 9   | 188.98 | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,344.92 | 1/4 | 1,984.35 | 1/4 | 1,623.77 | 1/4 | 1,263.20 | 1/4 | 902.62   | 1/4 | 542.04 | 1/4 | 181.47 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,337.41 | 1/2 | 1,976.84 | 1/2 | 1,616.26 | 1/2 | 1,255.69 | 1/2 | 895.11   | 1/2 | 534.53 | 1/2 | 174.39 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,329.90 | 3/4 | 1,969.33 | 3/4 | 1,608.75 | 3/4 | 1,248.18 | 3/4 | 887.60   | 3/4 | 527.02 | 3/4 | 167.31 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,322.39 | 10  | 1,961.81 | 10  | 1,601.23 | 10  | 1,240.66 | 10  | 880.08   | 10  | 519.51 | 10  | 160.23 | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,314.88 | 1/4 | 1,954.30 | 1/4 | 1,593.72 | 1/4 | 1,233.15 | 1/4 | 872.57   | 1/4 | 512.00 | 1/4 | 153.15 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,307.37 | 1/2 | 1,946.79 | 1/2 | 1,586.21 | 1/2 | 1,225.64 | 1/2 | 865.06   | 1/2 | 504.49 | 1/2 | 146.22 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,299.86 | 3/4 | 1,939.28 | 3/4 | 1,578.70 | 3/4 | 1,218.13 | 3/4 | 857.55   | 3/4 | 496.98 | 3/4 | 139.29 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,292.34 | 11  | 1,931.76 | 11  | 1,571.19 | 11  | 1,210.61 | 11  | 850.03   | 11  | 489.46 | 11  | 132.35 | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,284.83 | 1/4 | 1,924.25 | 1/4 | 1,563.68 | 1/4 | 1,203.10 | 1/4 | 842.52   | 1/4 | 481.95 | 1/4 | 125.42 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,277.32 | 1/2 | 1,916.74 | 1/2 | 1,556.17 | 1/2 | 1,195.59 | 1/2 | 835.01   | 1/2 | 474.44 | 1/2 | 118.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,269.81 | 3/4 | 1,909.23 | 3/4 | 1,548.66 | 3/4 | 1,188.08 | 3/4 | 827.50   | 3/4 | 466.93 | 3/4 | 111.55 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## 3 PORT ULLAGE TABLE

### HERMETIC

GAUGE HEIGHT 17'-03 1/2"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |          | 0   | 4,447.37 | 0   | 4,193.74 | 0   | 3,940.10 | 0   | 3,686.47 | 0   | 3,380.80 | 0   | 3,017.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,442.08 | 1/4 | 4,188.45 | 1/4 | 3,934.82 | 1/4 | 3,681.19 | 1/4 | 3,373.23 | 1/4 | 3,010.11 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,436.80 | 1/2 | 4,183.17 | 1/2 | 3,929.54 | 1/2 | 3,675.91 | 1/2 | 3,365.67 | 1/2 | 3,002.55 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,431.52 | 3/4 | 4,177.88 | 3/4 | 3,924.25 | 3/4 | 3,670.62 | 3/4 | 3,358.10 | 3/4 | 2,994.98 |
| 1   |       | 1   |       | 1   |       | 1   | 4,669.47 | 1   | 4,426.23 | 1   | 4,172.60 | 1   | 3,918.97 | 1   | 3,665.34 | 1   | 3,350.54 | 1   | 2,987.42 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,666.34 | 1/4 | 4,420.95 | 1/4 | 4,167.31 | 1/4 | 3,913.68 | 1/4 | 3,660.05 | 1/4 | 3,342.97 | 1/4 | 2,979.85 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,662.43 | 1/2 | 4,415.67 | 1/2 | 4,161.78 | 1/2 | 3,908.40 | 1/2 | 3,654.77 | 1/2 | 3,335.41 | 1/2 | 2,972.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,658.52 | 3/4 | 4,410.38 | 3/4 | 4,156.25 | 3/4 | 3,903.12 | 3/4 | 3,649.48 | 3/4 | 3,327.84 | 3/4 | 2,964.72 |
| 2   |       | 2   |       | 2   |       | 2   | 4,654.60 | 2   | 4,405.10 | 2   | 4,150.71 | 2   | 3,897.83 | 2   | 3,644.20 | 2   | 3,320.28 | 2   | 2,957.16 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,650.69 | 1/4 | 4,399.81 | 1/4 | 4,145.18 | 1/4 | 3,892.55 | 1/4 | 3,638.91 | 1/4 | 3,312.71 | 1/4 | 2,949.59 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,646.00 | 1/2 | 4,394.53 | 1/2 | 4,140.15 | 1/2 | 3,887.27 | 1/2 | 3,633.60 | 1/2 | 3,305.15 | 1/2 | 2,942.03 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,641.30 | 3/4 | 4,389.24 | 3/4 | 4,135.11 | 3/4 | 3,881.98 | 3/4 | 3,628.28 | 3/4 | 3,297.58 | 3/4 | 2,934.46 |
| 3   |       | 3   |       | 3   |       | 3   | 4,636.61 | 3   | 4,383.96 | 3   | 4,130.08 | 3   | 3,876.70 | 3   | 3,622.97 | 3   | 3,290.02 | 3   | 2,926.90 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,631.91 | 1/4 | 4,378.67 | 1/4 | 4,125.04 | 1/4 | 3,871.41 | 1/4 | 3,617.65 | 1/4 | 3,282.45 | 1/4 | 2,919.33 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,626.73 | 1/2 | 4,373.39 | 1/2 | 4,119.76 | 1/2 | 3,866.13 | 1/2 | 3,612.09 | 1/2 | 3,274.89 | 1/2 | 2,911.77 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,621.54 | 3/4 | 4,368.11 | 3/4 | 4,114.48 | 3/4 | 3,860.84 | 3/4 | 3,606.52 | 3/4 | 3,267.32 | 3/4 | 2,904.20 |
| 4   |       | 4   |       | 4   |       | 4   | 4,616.36 | 4   | 4,362.82 | 4   | 4,109.19 | 4   | 3,855.56 | 4   | 3,600.96 | 4   | 3,259.76 | 4   | 2,896.64 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,611.17 | 1/4 | 4,357.54 | 1/4 | 4,103.91 | 1/4 | 3,850.27 | 1/4 | 3,595.39 | 1/4 | 3,252.19 | 1/4 | 2,889.07 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,605.89 | 1/2 | 4,352.26 | 1/2 | 4,098.63 | 1/2 | 3,844.99 | 1/2 | 3,589.50 | 1/2 | 3,244.63 | 1/2 | 2,881.51 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,600.60 | 3/4 | 4,346.97 | 3/4 | 4,093.34 | 3/4 | 3,839.71 | 3/4 | 3,583.62 | 3/4 | 3,237.06 | 3/4 | 2,873.94 |
| 5   |       | 5   |       | 5   |       | 5   | 4,595.32 | 5   | 4,341.69 | 5   | 4,088.06 | 5   | 3,834.42 | 5   | 3,577.73 | 5   | 3,229.50 | 5   | 2,866.38 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,590.03 | 1/4 | 4,336.40 | 1/4 | 4,082.77 | 1/4 | 3,829.14 | 1/4 | 3,571.84 | 1/4 | 3,221.93 | 1/4 | 2,858.81 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,584.75 | 1/2 | 4,331.12 | 1/2 | 4,077.49 | 1/2 | 3,823.86 | 1/2 | 3,565.61 | 1/2 | 3,214.37 | 1/2 | 2,851.25 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,579.47 | 3/4 | 4,325.84 | 3/4 | 4,072.20 | 3/4 | 3,818.57 | 3/4 | 3,559.37 | 3/4 | 3,206.80 | 3/4 | 2,843.68 |
| 6   |       | 6   |       | 6   |       | 6   | 4,574.18 | 6   | 4,320.55 | 6   | 4,066.92 | 6   | 3,813.29 | 6   | 3,553.14 | 6   | 3,199.24 | 6   | 2,836.12 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,568.90 | 1/4 | 4,315.27 | 1/4 | 4,061.63 | 1/4 | 3,808.00 | 1/4 | 3,546.90 | 1/4 | 3,191.67 | 1/4 | 2,828.55 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,563.62 | 1/2 | 4,309.99 | 1/2 | 4,056.35 | 1/2 | 3,802.72 | 1/2 | 3,540.32 | 1/2 | 3,184.11 | 1/2 | 2,820.99 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,558.33 | 3/4 | 4,304.70 | 3/4 | 4,051.07 | 3/4 | 3,797.44 | 3/4 | 3,533.74 | 3/4 | 3,176.54 | 3/4 | 2,813.42 |
| 7   |       | 7   |       | 7   |       | 7   | 4,553.05 | 7   | 4,299.42 | 7   | 4,045.78 | 7   | 3,792.15 | 7   | 3,527.15 | 7   | 3,168.98 | 7   | 2,805.86 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,547.76 | 1/4 | 4,294.13 | 1/4 | 4,040.50 | 1/4 | 3,786.87 | 1/4 | 3,520.57 | 1/4 | 3,161.41 | 1/4 | 2,798.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,542.48 | 1/2 | 4,288.85 | 1/2 | 4,035.22 | 1/2 | 3,781.59 | 1/2 | 3,513.65 | 1/2 | 3,153.85 | 1/2 | 2,790.73 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,537.20 | 3/4 | 4,283.56 | 3/4 | 4,029.93 | 3/4 | 3,776.30 | 3/4 | 3,506.72 | 3/4 | 3,146.28 | 3/4 | 2,783.16 |
| 8   |       | 8   |       | 8   |       | 8   | 4,531.91 | 8   | 4,278.28 | 8   | 4,024.65 | 8   | 3,771.02 | 8   | 3,499.80 | 8   | 3,138.72 | 8   | 2,775.60 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,526.63 | 1/4 | 4,272.99 | 1/4 | 4,019.36 | 1/4 | 3,765.73 | 1/4 | 3,492.87 | 1/4 | 3,131.15 | 1/4 | 2,768.03 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,521.35 | 1/2 | 4,267.71 | 1/2 | 4,014.08 | 1/2 | 3,760.45 | 1/2 | 3,485.60 | 1/2 | 3,123.59 | 1/2 | 2,760.47 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,516.06 | 3/4 | 4,262.43 | 3/4 | 4,008.80 | 3/4 | 3,755.16 | 3/4 | 3,478.32 | 3/4 | 3,116.02 | 3/4 | 2,752.90 |
| 9   |       | 9   |       | 9   |       | 9   | 4,510.78 | 9   | 4,257.14 | 9   | 4,003.51 | 9   | 3,749.88 | 9   | 3,471.05 | 9   | 3,108.46 | 9   | 2,745.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,505.49 | 1/4 | 4,251.86 | 1/4 | 3,998.23 | 1/4 | 3,744.59 | 1/4 | 3,463.77 | 1/4 | 3,100.89 | 1/4 | 2,737.77 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,500.21 | 1/2 | 4,246.58 | 1/2 | 3,992.95 | 1/2 | 3,739.31 | 1/2 | 3,456.27 | 1/2 | 3,093.33 | 1/2 | 2,730.21 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,494.92 | 3/4 | 4,241.29 | 3/4 | 3,987.66 | 3/4 | 3,734.03 | 3/4 | 3,448.76 | 3/4 | 3,085.76 | 3/4 | 2,722.64 |
| 10  |       | 10  |       | 10  |       | 10  | 4,489.64 | 10  | 4,236.01 | 10  | 3,982.38 | 10  | 3,728.74 | 10  | 3,441.26 | 10  | 3,078.20 | 10  | 2,715.08 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,484.35 | 1/4 | 4,230.72 | 1/4 | 3,977.09 | 1/4 | 3,723.46 | 1/4 | 3,433.75 | 1/4 | 3,070.63 | 1/4 | 2,707.51 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,479.07 | 1/2 | 4,225.44 | 1/2 | 3,971.81 | 1/2 | 3,718.18 | 1/2 | 3,426.19 | 1/2 | 3,063.07 | 1/2 | 2,699.95 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,473.79 | 3/4 | 4,220.16 | 3/4 | 3,966.52 | 3/4 | 3,712.89 | 3/4 | 3,418.62 | 3/4 | 3,055.50 | 3/4 | 2,692.38 |
| 11  |       | 11  |       | 11  |       | 11  | 4,468.50 | 11  | 4,214.87 | 11  | 3,961.24 | 11  | 3,707.61 | 11  | 3,411.06 | 11  | 3,047.94 | 11  | 2,684.82 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,463.22 | 1/4 | 4,209.59 | 1/4 | 3,955.95 | 1/4 | 3,702.32 | 1/4 | 3,403.49 | 1/4 | 3,040.37 | 1/4 | 2,677.25 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,457.94 | 1/2 | 4,204.31 | 1/2 | 3,950.67 | 1/2 | 3,697.04 | 1/2 | 3,395.93 | 1/2 | 3,032.81 | 1/2 | 2,669.69 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,452.65 | 3/4 | 4,199.02 | 3/4 | 3,945.39 | 3/4 | 3,691.76 | 3/4 | 3,388.36 | 3/4 | 3,025.24 | 3/4 | 2,662.12 |

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.

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 3080"

## 3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,654.56 | 0   | 2,291.44 | 0   | 1,928.32 | 0   | 1,565.20 | 0   | 1,202.07 | 0   | 838.64 | 0   | 474.11 | 0   | 111.28 | 0   |        | 0   |        |
| 1/4 | 2,646.99 | 1/4 | 2,283.87 | 1/4 | 1,920.75 | 1/4 | 1,557.63 | 1/4 | 1,194.51 | 1/4 | 831.06 | 1/4 | 466.50 | 1/4 | 103.91 | 1/4 |        | 1/4 |        |
| 1/2 | 2,639.43 | 1/2 | 2,276.31 | 1/2 | 1,913.19 | 1/2 | 1,550.07 | 1/2 | 1,186.94 | 1/2 | 823.48 | 1/2 | 458.89 | 1/2 | 96.54  | 1/2 |        | 1/2 |        |
| 3/4 | 2,631.86 | 3/4 | 2,268.74 | 3/4 | 1,905.62 | 3/4 | 1,542.50 | 3/4 | 1,179.38 | 3/4 | 815.91 | 3/4 | 451.28 | 3/4 | 89.17  | 3/4 |        | 3/4 |        |
| 1   | 2,624.30 | 1   | 2,261.18 | 1   | 1,898.06 | 1   | 1,534.94 | 1   | 1,171.81 | 1   | 808.33 | 1   | 443.68 | 1   | 81.81  | 1   |        | 1   |        |
| 1/4 | 2,616.73 | 1/4 | 2,253.61 | 1/4 | 1,890.49 | 1/4 | 1,527.37 | 1/4 | 1,164.25 | 1/4 | 800.76 | 1/4 | 436.07 | 1/4 | 74.44  | 1/4 |        | 1/4 |        |
| 1/2 | 2,609.17 | 1/2 | 2,246.05 | 1/2 | 1,882.93 | 1/2 | 1,519.81 | 1/2 | 1,156.68 | 1/2 | 793.18 | 1/2 | 428.46 | 1/2 | 67.20  | 1/2 |        | 1/2 |        |
| 3/4 | 2,601.60 | 3/4 | 2,238.48 | 3/4 | 1,875.36 | 3/4 | 1,512.24 | 3/4 | 1,149.12 | 3/4 | 785.60 | 3/4 | 420.85 | 3/4 | 59.97  | 3/4 |        | 3/4 |        |
| 2   | 2,594.04 | 2   | 2,230.92 | 2   | 1,867.80 | 2   | 1,504.68 | 2   | 1,141.55 | 2   | 778.03 | 2   | 413.24 | 2   | 52.73  | 2   |        | 2   |        |
| 1/4 | 2,586.47 | 1/4 | 2,223.35 | 1/4 | 1,860.23 | 1/4 | 1,497.11 | 1/4 | 1,133.99 | 1/4 | 770.45 | 1/4 | 405.63 | 1/4 | 45.50  | 1/4 |        | 1/4 |        |
| 1/2 | 2,578.91 | 1/2 | 2,215.79 | 1/2 | 1,852.67 | 1/2 | 1,489.55 | 1/2 | 1,126.42 | 1/2 | 762.87 | 1/2 | 398.02 | 1/2 | 39.90  | 1/2 |        | 1/2 |        |
| 3/4 | 2,571.34 | 3/4 | 2,208.22 | 3/4 | 1,845.10 | 3/4 | 1,481.98 | 3/4 | 1,118.86 | 3/4 | 755.29 | 3/4 | 390.41 | 3/4 | 34.30  | 3/4 |        | 3/4 |        |
| 3   | 2,563.78 | 3   | 2,200.66 | 3   | 1,837.54 | 3   | 1,474.41 | 3   | 1,111.29 | 3   | 747.72 | 3   | 382.81 | 3   | 28.70  | 3   |        | 3   |        |
| 1/4 | 2,556.21 | 1/4 | 2,193.09 | 1/4 | 1,829.97 | 1/4 | 1,466.85 | 1/4 | 1,103.73 | 1/4 | 740.14 | 1/4 | 375.20 | 1/4 | 23.10  | 1/4 |        | 1/4 |        |
| 1/2 | 2,548.65 | 1/2 | 2,185.53 | 1/2 | 1,822.41 | 1/2 | 1,459.28 | 1/2 | 1,096.16 | 1/2 | 732.56 | 1/2 | 367.59 | 1/2 | 19.30  | 1/2 |        | 1/2 |        |
| 3/4 | 2,541.08 | 3/4 | 2,177.96 | 3/4 | 1,814.84 | 3/4 | 1,451.72 | 3/4 | 1,088.60 | 3/4 | 724.98 | 3/4 | 359.98 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,533.52 | 4   | 2,170.40 | 4   | 1,807.28 | 4   | 1,444.15 | 4   | 1,081.03 | 4   | 717.41 | 4   | 352.37 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,525.95 | 1/4 | 2,162.83 | 1/4 | 1,799.71 | 1/4 | 1,436.59 | 1/4 | 1,073.47 | 1/4 | 709.83 | 1/4 | 344.76 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,518.39 | 1/2 | 2,155.27 | 1/2 | 1,792.15 | 1/2 | 1,429.02 | 1/2 | 1,065.90 | 1/2 | 702.25 | 1/2 | 337.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,510.82 | 3/4 | 2,147.70 | 3/4 | 1,784.58 | 3/4 | 1,421.46 | 3/4 | 1,058.34 | 3/4 | 694.67 | 3/4 | 329.54 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,503.26 | 5   | 2,140.14 | 5   | 1,777.02 | 5   | 1,413.89 | 5   | 1,050.77 | 5   | 687.10 | 5   | 321.93 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,495.69 | 1/4 | 2,132.57 | 1/4 | 1,769.45 | 1/4 | 1,406.33 | 1/4 | 1,043.21 | 1/4 | 679.52 | 1/4 | 314.32 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,488.13 | 1/2 | 2,125.01 | 1/2 | 1,761.89 | 1/2 | 1,398.76 | 1/2 | 1,035.63 | 1/2 | 671.92 | 1/2 | 306.71 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,480.56 | 3/4 | 2,117.44 | 3/4 | 1,754.32 | 3/4 | 1,391.20 | 3/4 | 1,028.06 | 3/4 | 664.32 | 3/4 | 299.10 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,473.00 | 6   | 2,109.88 | 6   | 1,746.76 | 6   | 1,383.63 | 6   | 1,020.48 | 6   | 656.72 | 6   | 291.50 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,465.43 | 1/4 | 2,102.31 | 1/4 | 1,739.19 | 1/4 | 1,376.07 | 1/4 | 1,012.91 | 1/4 | 649.12 | 1/4 | 283.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,457.87 | 1/2 | 2,094.75 | 1/2 | 1,731.63 | 1/2 | 1,368.51 | 1/2 | 1,005.33 | 1/2 | 641.51 | 1/2 | 276.28 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,450.30 | 3/4 | 2,087.18 | 3/4 | 1,724.06 | 3/4 | 1,361.44 | 3/4 | 997.75   | 3/4 | 633.90 | 3/4 | 268.67 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,442.74 | 7   | 2,079.62 | 7   | 1,716.50 | 7   | 1,354.12 | 7   | 990.18   | 7   | 626.29 | 7   | 261.06 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,435.17 | 1/4 | 2,072.05 | 1/4 | 1,708.93 | 1/4 | 1,346.81 | 1/4 | 982.60   | 1/4 | 618.68 | 1/4 | 253.45 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,427.61 | 1/2 | 2,064.49 | 1/2 | 1,701.37 | 1/2 | 1,339.02 | 1/2 | 975.02   | 1/2 | 611.07 | 1/2 | 245.84 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,420.04 | 3/4 | 2,056.92 | 3/4 | 1,693.80 | 3/4 | 1,331.23 | 3/4 | 967.45   | 3/4 | 603.46 | 3/4 | 238.23 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,412.48 | 8   | 2,049.36 | 8   | 1,686.24 | 8   | 1,323.44 | 8   | 959.87   | 8   | 595.86 | 8   | 230.63 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,404.91 | 1/4 | 2,041.79 | 1/4 | 1,678.67 | 1/4 | 1,315.65 | 1/4 | 952.30   | 1/4 | 588.25 | 1/4 | 223.02 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,397.35 | 1/2 | 2,034.23 | 1/2 | 1,671.11 | 1/2 | 1,308.06 | 1/2 | 944.72   | 1/2 | 580.64 | 1/2 | 215.41 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,389.78 | 3/4 | 2,026.66 | 3/4 | 1,663.54 | 3/4 | 1,300.47 | 3/4 | 937.14   | 3/4 | 573.03 | 3/4 | 207.80 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,382.22 | 9   | 2,019.10 | 9   | 1,655.98 | 9   | 1,292.88 | 9   | 929.57   | 9   | 565.42 | 9   | 200.19 | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,374.65 | 1/4 | 2,011.53 | 1/4 | 1,648.41 | 1/4 | 1,285.29 | 1/4 | 921.99   | 1/4 | 557.81 | 1/4 | 192.58 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,367.09 | 1/2 | 2,003.97 | 1/2 | 1,640.85 | 1/2 | 1,277.72 | 1/2 | 914.41   | 1/2 | 550.20 | 1/2 | 185.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,359.52 | 3/4 | 1,996.40 | 3/4 | 1,633.28 | 3/4 | 1,270.16 | 3/4 | 906.83   | 3/4 | 542.59 | 3/4 | 177.72 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,351.96 | 10  | 1,988.84 | 10  | 1,625.72 | 10  | 1,262.59 | 10  | 899.26   | 10  | 534.99 | 10  | 170.29 | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,344.39 | 1/4 | 1,981.27 | 1/4 | 1,618.15 | 1/4 | 1,255.03 | 1/4 | 891.68   | 1/4 | 527.38 | 1/4 | 162.86 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,336.83 | 1/2 | 1,973.71 | 1/2 | 1,610.59 | 1/2 | 1,247.46 | 1/2 | 884.10   | 1/2 | 519.77 | 1/2 | 155.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,329.26 | 3/4 | 1,966.14 | 3/4 | 1,603.02 | 3/4 | 1,239.90 | 3/4 | 876.52   | 3/4 | 512.16 | 3/4 | 148.12 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,321.70 | 11  | 1,958.58 | 11  | 1,595.46 | 11  | 1,232.33 | 11  | 868.95   | 11  | 504.55 | 11  | 140.76 | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,314.13 | 1/4 | 1,951.01 | 1/4 | 1,587.89 | 1/4 | 1,224.77 | 1/4 | 861.37   | 1/4 | 496.94 | 1/4 | 133.39 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,306.57 | 1/2 | 1,943.45 | 1/2 | 1,580.33 | 1/2 | 1,217.20 | 1/2 | 853.79   | 1/2 | 489.33 | 1/2 | 126.02 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,299.00 | 3/4 | 1,935.88 | 3/4 | 1,572.76 | 3/4 | 1,209.64 | 3/4 | 846.21   | 3/4 | 481.72 | 3/4 | 118.65 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## 3 STBD ULLAGE TABLE

### HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   |       | 0   |          | 0   | 4,447.37 | 0   | 4,193.74 | 0   | 3,940.10 | 0   | 3,686.47 | 0   | 3,380.80 | 0   | 3,017.68 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |          | 1/4 | 4,442.08 | 1/4 | 4,188.45 | 1/4 | 3,934.82 | 1/4 | 3,681.19 | 1/4 | 3,373.23 | 1/4 | 3,010.11 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |          | 1/2 | 4,436.80 | 1/2 | 4,183.17 | 1/2 | 3,929.54 | 1/2 | 3,675.91 | 1/2 | 3,365.67 | 1/2 | 3,002.55 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |          | 3/4 | 4,431.52 | 3/4 | 4,177.88 | 3/4 | 3,924.25 | 3/4 | 3,670.62 | 3/4 | 3,358.10 | 3/4 | 2,994.98 |
| 1   |       | 1   |       | 1   |       | 1   | 4,669.47 | 1   | 4,426.23 | 1   | 4,172.60 | 1   | 3,918.97 | 1   | 3,665.34 | 1   | 3,350.54 | 1   | 2,987.42 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,666.34 | 1/4 | 4,420.95 | 1/4 | 4,167.31 | 1/4 | 3,913.68 | 1/4 | 3,660.05 | 1/4 | 3,342.97 | 1/4 | 2,979.85 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,662.43 | 1/2 | 4,415.67 | 1/2 | 4,161.78 | 1/2 | 3,908.40 | 1/2 | 3,654.77 | 1/2 | 3,335.41 | 1/2 | 2,972.29 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,658.52 | 3/4 | 4,410.38 | 3/4 | 4,156.25 | 3/4 | 3,903.12 | 3/4 | 3,649.48 | 3/4 | 3,327.84 | 3/4 | 2,964.72 |
| 2   |       | 2   |       | 2   |       | 2   | 4,654.60 | 2   | 4,405.10 | 2   | 4,150.71 | 2   | 3,897.83 | 2   | 3,644.20 | 2   | 3,320.28 | 2   | 2,957.16 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,650.69 | 1/4 | 4,399.81 | 1/4 | 4,145.18 | 1/4 | 3,892.55 | 1/4 | 3,638.91 | 1/4 | 3,312.71 | 1/4 | 2,949.59 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,646.00 | 1/2 | 4,394.53 | 1/2 | 4,140.15 | 1/2 | 3,887.27 | 1/2 | 3,633.60 | 1/2 | 3,305.15 | 1/2 | 2,942.03 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,641.30 | 3/4 | 4,389.24 | 3/4 | 4,135.11 | 3/4 | 3,881.98 | 3/4 | 3,628.28 | 3/4 | 3,297.58 | 3/4 | 2,934.46 |
| 3   |       | 3   |       | 3   |       | 3   | 4,636.61 | 3   | 4,383.96 | 3   | 4,130.08 | 3   | 3,876.70 | 3   | 3,622.97 | 3   | 3,290.02 | 3   | 2,926.90 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,631.91 | 1/4 | 4,378.67 | 1/4 | 4,125.04 | 1/4 | 3,871.41 | 1/4 | 3,617.65 | 1/4 | 3,282.45 | 1/4 | 2,919.33 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,626.73 | 1/2 | 4,373.39 | 1/2 | 4,119.76 | 1/2 | 3,866.13 | 1/2 | 3,612.09 | 1/2 | 3,274.89 | 1/2 | 2,911.77 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,621.54 | 3/4 | 4,368.11 | 3/4 | 4,114.48 | 3/4 | 3,860.84 | 3/4 | 3,606.52 | 3/4 | 3,267.32 | 3/4 | 2,904.20 |
| 4   |       | 4   |       | 4   |       | 4   | 4,616.36 | 4   | 4,362.82 | 4   | 4,109.19 | 4   | 3,855.56 | 4   | 3,600.96 | 4   | 3,259.76 | 4   | 2,896.64 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,611.17 | 1/4 | 4,357.54 | 1/4 | 4,103.91 | 1/4 | 3,850.27 | 1/4 | 3,595.39 | 1/4 | 3,252.19 | 1/4 | 2,889.07 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,605.89 | 1/2 | 4,352.26 | 1/2 | 4,098.63 | 1/2 | 3,844.99 | 1/2 | 3,589.50 | 1/2 | 3,244.63 | 1/2 | 2,881.51 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,600.60 | 3/4 | 4,346.97 | 3/4 | 4,093.34 | 3/4 | 3,839.71 | 3/4 | 3,583.62 | 3/4 | 3,237.06 | 3/4 | 2,873.94 |
| 5   |       | 5   |       | 5   |       | 5   | 4,595.32 | 5   | 4,341.69 | 5   | 4,088.06 | 5   | 3,834.42 | 5   | 3,577.73 | 5   | 3,229.50 | 5   | 2,866.38 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,590.03 | 1/4 | 4,336.40 | 1/4 | 4,082.77 | 1/4 | 3,829.14 | 1/4 | 3,571.84 | 1/4 | 3,221.93 | 1/4 | 2,858.81 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,584.75 | 1/2 | 4,331.12 | 1/2 | 4,077.49 | 1/2 | 3,823.86 | 1/2 | 3,565.61 | 1/2 | 3,214.37 | 1/2 | 2,851.25 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,579.47 | 3/4 | 4,325.84 | 3/4 | 4,072.20 | 3/4 | 3,818.57 | 3/4 | 3,559.37 | 3/4 | 3,206.80 | 3/4 | 2,843.68 |
| 6   |       | 6   |       | 6   |       | 6   | 4,574.18 | 6   | 4,320.55 | 6   | 4,066.92 | 6   | 3,813.29 | 6   | 3,553.14 | 6   | 3,199.24 | 6   | 2,836.12 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,568.90 | 1/4 | 4,315.27 | 1/4 | 4,061.63 | 1/4 | 3,808.00 | 1/4 | 3,546.90 | 1/4 | 3,191.67 | 1/4 | 2,828.55 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,563.62 | 1/2 | 4,309.99 | 1/2 | 4,056.35 | 1/2 | 3,802.72 | 1/2 | 3,540.32 | 1/2 | 3,184.11 | 1/2 | 2,820.99 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,558.33 | 3/4 | 4,304.70 | 3/4 | 4,051.07 | 3/4 | 3,797.44 | 3/4 | 3,533.74 | 3/4 | 3,176.54 | 3/4 | 2,813.42 |
| 7   |       | 7   |       | 7   |       | 7   | 4,553.05 | 7   | 4,299.42 | 7   | 4,045.78 | 7   | 3,792.15 | 7   | 3,527.15 | 7   | 3,168.98 | 7   | 2,805.86 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,547.76 | 1/4 | 4,294.13 | 1/4 | 4,040.50 | 1/4 | 3,786.87 | 1/4 | 3,520.57 | 1/4 | 3,161.41 | 1/4 | 2,798.29 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,542.48 | 1/2 | 4,288.85 | 1/2 | 4,035.22 | 1/2 | 3,781.59 | 1/2 | 3,513.65 | 1/2 | 3,153.85 | 1/2 | 2,790.73 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,537.20 | 3/4 | 4,283.56 | 3/4 | 4,029.93 | 3/4 | 3,776.30 | 3/4 | 3,506.72 | 3/4 | 3,146.28 | 3/4 | 2,783.16 |
| 8   |       | 8   |       | 8   |       | 8   | 4,531.91 | 8   | 4,278.28 | 8   | 4,024.65 | 8   | 3,771.02 | 8   | 3,499.80 | 8   | 3,138.72 | 8   | 2,775.60 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,526.63 | 1/4 | 4,272.99 | 1/4 | 4,019.36 | 1/4 | 3,765.73 | 1/4 | 3,492.87 | 1/4 | 3,131.15 | 1/4 | 2,768.03 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,521.35 | 1/2 | 4,267.71 | 1/2 | 4,014.08 | 1/2 | 3,760.45 | 1/2 | 3,485.60 | 1/2 | 3,123.59 | 1/2 | 2,760.47 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,516.06 | 3/4 | 4,262.43 | 3/4 | 4,008.80 | 3/4 | 3,755.16 | 3/4 | 3,478.32 | 3/4 | 3,116.02 | 3/4 | 2,752.90 |
| 9   |       | 9   |       | 9   |       | 9   | 4,510.78 | 9   | 4,257.14 | 9   | 4,003.51 | 9   | 3,749.88 | 9   | 3,471.05 | 9   | 3,108.46 | 9   | 2,745.34 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,505.49 | 1/4 | 4,251.86 | 1/4 | 3,998.23 | 1/4 | 3,744.59 | 1/4 | 3,463.77 | 1/4 | 3,100.89 | 1/4 | 2,737.77 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,500.21 | 1/2 | 4,246.58 | 1/2 | 3,992.95 | 1/2 | 3,739.31 | 1/2 | 3,456.27 | 1/2 | 3,093.33 | 1/2 | 2,730.21 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,494.92 | 3/4 | 4,241.29 | 3/4 | 3,987.66 | 3/4 | 3,734.03 | 3/4 | 3,448.76 | 3/4 | 3,085.76 | 3/4 | 2,722.64 |
| 10  |       | 10  |       | 10  |       | 10  | 4,489.64 | 10  | 4,236.01 | 10  | 3,982.38 | 10  | 3,728.74 | 10  | 3,441.26 | 10  | 3,078.20 | 10  | 2,715.08 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,484.35 | 1/4 | 4,230.72 | 1/4 | 3,977.09 | 1/4 | 3,723.46 | 1/4 | 3,433.75 | 1/4 | 3,070.63 | 1/4 | 2,707.51 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,479.07 | 1/2 | 4,225.44 | 1/2 | 3,971.81 | 1/2 | 3,718.18 | 1/2 | 3,426.19 | 1/2 | 3,063.07 | 1/2 | 2,699.95 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,473.79 | 3/4 | 4,220.16 | 3/4 | 3,966.52 | 3/4 | 3,712.89 | 3/4 | 3,418.62 | 3/4 | 3,055.50 | 3/4 | 2,692.38 |
| 11  |       | 11  |       | 11  |       | 11  | 4,468.50 | 11  | 4,214.87 | 11  | 3,961.24 | 11  | 3,707.61 | 11  | 3,411.06 | 11  | 3,047.94 | 11  | 2,684.82 |
| 1/4 |       | 1/4 |       | 1/4 |       | 1/4 | 4,463.22 | 1/4 | 4,209.59 | 1/4 | 3,955.95 | 1/4 | 3,702.32 | 1/4 | 3,403.49 | 1/4 | 3,040.37 | 1/4 | 2,677.25 |
| 1/2 |       | 1/2 |       | 1/2 |       | 1/2 | 4,457.94 | 1/2 | 4,204.31 | 1/2 | 3,950.67 | 1/2 | 3,697.04 | 1/2 | 3,395.93 | 1/2 | 3,032.81 | 1/2 | 2,669.69 |
| 3/4 |       | 3/4 |       | 3/4 |       | 3/4 | 4,452.65 | 3/4 | 4,199.02 | 3/4 | 3,945.39 | 3/4 | 3,691.76 | 3/4 | 3,388.36 | 3/4 | 3,025.24 | 3/4 | 2,662.12 |

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.

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 3080"

## 3 STBD

### ULLAGE TABLE HERMETIC

#### GAUGE HEIGHT 17'-03 1/2"

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   | 2,654.56 | 0   | 2,291.44 | 0   | 1,928.32 | 0   | 1,565.20 | 0   | 1,202.07 | 0   | 838.64 | 0   | 474.11 | 0   | 111.28 | 0   |        | 0   |        |
| 1/4 | 2,646.99 | 1/4 | 2,283.87 | 1/4 | 1,920.75 | 1/4 | 1,557.63 | 1/4 | 1,194.51 | 1/4 | 831.06 | 1/4 | 466.50 | 1/4 | 103.91 | 1/4 |        | 1/4 |        |
| 1/2 | 2,639.43 | 1/2 | 2,276.31 | 1/2 | 1,913.19 | 1/2 | 1,550.07 | 1/2 | 1,186.94 | 1/2 | 823.48 | 1/2 | 458.89 | 1/2 | 96.54  | 1/2 |        | 1/2 |        |
| 3/4 | 2,631.86 | 3/4 | 2,268.74 | 3/4 | 1,905.62 | 3/4 | 1,542.50 | 3/4 | 1,179.38 | 3/4 | 815.91 | 3/4 | 451.28 | 3/4 | 89.17  | 3/4 |        | 3/4 |        |
| 1   | 2,624.30 | 1   | 2,261.18 | 1   | 1,898.06 | 1   | 1,534.94 | 1   | 1,171.81 | 1   | 808.33 | 1   | 443.68 | 1   | 81.81  | 1   |        | 1   |        |
| 1/4 | 2,616.73 | 1/4 | 2,253.61 | 1/4 | 1,890.49 | 1/4 | 1,527.37 | 1/4 | 1,164.25 | 1/4 | 800.76 | 1/4 | 436.07 | 1/4 | 74.44  | 1/4 |        | 1/4 |        |
| 1/2 | 2,609.17 | 1/2 | 2,246.05 | 1/2 | 1,882.93 | 1/2 | 1,519.81 | 1/2 | 1,156.68 | 1/2 | 793.18 | 1/2 | 428.46 | 1/2 | 67.20  | 1/2 |        | 1/2 |        |
| 3/4 | 2,601.60 | 3/4 | 2,238.48 | 3/4 | 1,875.36 | 3/4 | 1,512.24 | 3/4 | 1,149.12 | 3/4 | 785.60 | 3/4 | 420.85 | 3/4 | 59.97  | 3/4 |        | 3/4 |        |
| 2   | 2,594.04 | 2   | 2,230.92 | 2   | 1,867.80 | 2   | 1,504.68 | 2   | 1,141.55 | 2   | 778.03 | 2   | 413.24 | 2   | 52.73  | 2   |        | 2   |        |
| 1/4 | 2,586.47 | 1/4 | 2,223.35 | 1/4 | 1,860.23 | 1/4 | 1,497.11 | 1/4 | 1,133.99 | 1/4 | 770.45 | 1/4 | 405.63 | 1/4 | 45.50  | 1/4 |        | 1/4 |        |
| 1/2 | 2,578.91 | 1/2 | 2,215.79 | 1/2 | 1,852.67 | 1/2 | 1,489.55 | 1/2 | 1,126.42 | 1/2 | 762.87 | 1/2 | 398.02 | 1/2 | 39.90  | 1/2 |        | 1/2 |        |
| 3/4 | 2,571.34 | 3/4 | 2,208.22 | 3/4 | 1,845.10 | 3/4 | 1,481.98 | 3/4 | 1,118.86 | 3/4 | 755.29 | 3/4 | 390.41 | 3/4 | 34.30  | 3/4 |        | 3/4 |        |
| 3   | 2,563.78 | 3   | 2,200.66 | 3   | 1,837.54 | 3   | 1,474.41 | 3   | 1,111.29 | 3   | 747.72 | 3   | 382.81 | 3   | 28.70  | 3   |        | 3   |        |
| 1/4 | 2,556.21 | 1/4 | 2,193.09 | 1/4 | 1,829.97 | 1/4 | 1,466.85 | 1/4 | 1,103.73 | 1/4 | 740.14 | 1/4 | 375.20 | 1/4 | 23.10  | 1/4 |        | 1/4 |        |
| 1/2 | 2,548.65 | 1/2 | 2,185.53 | 1/2 | 1,822.41 | 1/2 | 1,459.28 | 1/2 | 1,096.16 | 1/2 | 732.56 | 1/2 | 367.59 | 1/2 | 19.30  | 1/2 |        | 1/2 |        |
| 3/4 | 2,541.08 | 3/4 | 2,177.96 | 3/4 | 1,814.84 | 3/4 | 1,451.72 | 3/4 | 1,088.60 | 3/4 | 724.98 | 3/4 | 359.98 | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,533.52 | 4   | 2,170.40 | 4   | 1,807.28 | 4   | 1,444.15 | 4   | 1,081.03 | 4   | 717.41 | 4   | 352.37 | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,525.95 | 1/4 | 2,162.83 | 1/4 | 1,799.71 | 1/4 | 1,436.59 | 1/4 | 1,073.47 | 1/4 | 709.83 | 1/4 | 344.76 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,518.39 | 1/2 | 2,155.27 | 1/2 | 1,792.15 | 1/2 | 1,429.02 | 1/2 | 1,065.90 | 1/2 | 702.25 | 1/2 | 337.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,510.82 | 3/4 | 2,147.70 | 3/4 | 1,784.58 | 3/4 | 1,421.46 | 3/4 | 1,058.34 | 3/4 | 694.67 | 3/4 | 329.54 | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,503.26 | 5   | 2,140.14 | 5   | 1,777.02 | 5   | 1,413.89 | 5   | 1,050.77 | 5   | 687.10 | 5   | 321.93 | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,495.69 | 1/4 | 2,132.57 | 1/4 | 1,769.45 | 1/4 | 1,406.33 | 1/4 | 1,043.21 | 1/4 | 679.52 | 1/4 | 314.32 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,488.13 | 1/2 | 2,125.01 | 1/2 | 1,761.89 | 1/2 | 1,398.76 | 1/2 | 1,035.63 | 1/2 | 671.92 | 1/2 | 306.71 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,480.56 | 3/4 | 2,117.44 | 3/4 | 1,754.32 | 3/4 | 1,391.20 | 3/4 | 1,028.06 | 3/4 | 664.32 | 3/4 | 299.10 | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,473.00 | 6   | 2,109.88 | 6   | 1,746.76 | 6   | 1,383.63 | 6   | 1,020.48 | 6   | 656.72 | 6   | 291.50 | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,465.43 | 1/4 | 2,102.31 | 1/4 | 1,739.19 | 1/4 | 1,376.07 | 1/4 | 1,012.91 | 1/4 | 649.12 | 1/4 | 283.89 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,457.87 | 1/2 | 2,094.75 | 1/2 | 1,731.63 | 1/2 | 1,368.51 | 1/2 | 1,005.33 | 1/2 | 641.51 | 1/2 | 276.28 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,450.30 | 3/4 | 2,087.18 | 3/4 | 1,724.06 | 3/4 | 1,361.44 | 3/4 | 997.75   | 3/4 | 633.90 | 3/4 | 268.67 | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,442.74 | 7   | 2,079.62 | 7   | 1,716.50 | 7   | 1,354.12 | 7   | 990.18   | 7   | 626.29 | 7   | 261.06 | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,435.17 | 1/4 | 2,072.05 | 1/4 | 1,708.93 | 1/4 | 1,346.81 | 1/4 | 982.60   | 1/4 | 618.68 | 1/4 | 253.45 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,427.61 | 1/2 | 2,064.49 | 1/2 | 1,701.37 | 1/2 | 1,339.02 | 1/2 | 975.02   | 1/2 | 611.07 | 1/2 | 245.84 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,420.04 | 3/4 | 2,056.92 | 3/4 | 1,693.80 | 3/4 | 1,331.23 | 3/4 | 967.45   | 3/4 | 603.46 | 3/4 | 238.23 | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,412.48 | 8   | 2,049.36 | 8   | 1,686.24 | 8   | 1,323.44 | 8   | 959.87   | 8   | 595.86 | 8   | 230.63 | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,404.91 | 1/4 | 2,041.79 | 1/4 | 1,678.67 | 1/4 | 1,315.65 | 1/4 | 952.30   | 1/4 | 588.25 | 1/4 | 223.02 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,397.35 | 1/2 | 2,034.23 | 1/2 | 1,671.11 | 1/2 | 1,308.06 | 1/2 | 944.72   | 1/2 | 580.64 | 1/2 | 215.41 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,389.78 | 3/4 | 2,026.66 | 3/4 | 1,663.54 | 3/4 | 1,300.47 | 3/4 | 937.14   | 3/4 | 573.03 | 3/4 | 207.80 | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,382.22 | 9   | 2,019.10 | 9   | 1,655.98 | 9   | 1,292.88 | 9   | 929.57   | 9   | 565.42 | 9   | 200.19 | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,374.65 | 1/4 | 2,011.53 | 1/4 | 1,648.41 | 1/4 | 1,285.29 | 1/4 | 921.99   | 1/4 | 557.81 | 1/4 | 192.58 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,367.09 | 1/2 | 2,003.97 | 1/2 | 1,640.85 | 1/2 | 1,277.72 | 1/2 | 914.41   | 1/2 | 550.20 | 1/2 | 185.15 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,359.52 | 3/4 | 1,996.40 | 3/4 | 1,633.28 | 3/4 | 1,270.16 | 3/4 | 906.83   | 3/4 | 542.59 | 3/4 | 177.72 | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,351.96 | 10  | 1,988.84 | 10  | 1,625.72 | 10  | 1,262.59 | 10  | 899.26   | 10  | 534.99 | 10  | 170.29 | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,344.39 | 1/4 | 1,981.27 | 1/4 | 1,618.15 | 1/4 | 1,255.03 | 1/4 | 891.68   | 1/4 | 527.38 | 1/4 | 162.86 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,336.83 | 1/2 | 1,973.71 | 1/2 | 1,610.59 | 1/2 | 1,247.46 | 1/2 | 884.10   | 1/2 | 519.77 | 1/2 | 155.49 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,329.26 | 3/4 | 1,966.14 | 3/4 | 1,603.02 | 3/4 | 1,239.90 | 3/4 | 876.52   | 3/4 | 512.16 | 3/4 | 148.12 | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,321.70 | 11  | 1,958.58 | 11  | 1,595.46 | 11  | 1,232.33 | 11  | 868.95   | 11  | 504.55 | 11  | 140.76 | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,314.13 | 1/4 | 1,951.01 | 1/4 | 1,587.89 | 1/4 | 1,224.77 | 1/4 | 861.37   | 1/4 | 496.94 | 1/4 | 133.39 | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,306.57 | 1/2 | 1,943.45 | 1/2 | 1,580.33 | 1/2 | 1,217.20 | 1/2 | 853.79   | 1/2 | 489.33 | 1/2 | 126.02 | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,299.00 | 3/4 | 1,935.88 | 3/4 | 1,572.76 | 3/4 | 1,209.64 | 3/4 | 846.21   | 3/4 | 481.72 | 3/4 | 118.65 | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/10/2012 INSP.  
DECK MEASUREMENTS: 06/05/2023 CL  
VERIFIED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

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



# BARGE "HTCO 3080"

## FWD SLOP INNAGE TABLE

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   | 449   | 0   | 898   | 0   | 1,346 | 0   | 1,795 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 9     | 1/4 | 458   | 1/4 | 907   | 1/4 | 1,356 | 1/4 | 1,805 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 19    | 1/2 | 468   | 1/2 | 916   | 1/2 | 1,365 | 1/2 | 1,814 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 28    | 3/4 | 477   | 3/4 | 926   | 3/4 | 1,375 | 3/4 | 1,823 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 1   | 37    | 1   | 486   | 1   | 935   | 1   | 1,384 | 1   | 1,833 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 47    | 1/4 | 496   | 1/4 | 944   | 1/4 | 1,393 | 1/4 | 1,842 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 56    | 1/2 | 505   | 1/2 | 954   | 1/2 | 1,403 | 1/2 | 1,851 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 65    | 3/4 | 514   | 3/4 | 963   | 3/4 | 1,412 | 3/4 | 1,861 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 2   | 75    | 2   | 524   | 2   | 972   | 2   | 1,421 | 2   | 1,870 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 84    | 1/4 | 533   | 1/4 | 982   | 1/4 | 1,431 | 1/4 | 1,879 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 94    | 1/2 | 542   | 1/2 | 991   | 1/2 | 1,440 | 1/2 | 1,889 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 103   | 3/4 | 552   | 3/4 | 1,001 | 3/4 | 1,449 | 3/4 | 1,898 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 3   | 112   | 3   | 561   | 3   | 1,010 | 3   | 1,459 | 3   | 1,908 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 122   | 1/4 | 570   | 1/4 | 1,019 | 1/4 | 1,468 | 1/4 | 1,917 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 131   | 1/2 | 580   | 1/2 | 1,029 | 1/2 | 1,477 | 1/2 | 1,926 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 140   | 3/4 | 589   | 3/4 | 1,038 | 3/4 | 1,487 | 3/4 | 1,936 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 4   | 150   | 4   | 598   | 4   | 1,047 | 4   | 1,496 | 4   | 1,945 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 159   | 1/4 | 608   | 1/4 | 1,057 | 1/4 | 1,505 | 1/4 | 1,954 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 168   | 1/2 | 617   | 1/2 | 1,066 | 1/2 | 1,515 | 1/2 | 1,964 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 178   | 3/4 | 626   | 3/4 | 1,075 | 3/4 | 1,524 | 3/4 | 1,973 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 5   | 187   | 5   | 636   | 5   | 1,085 | 5   | 1,533 | 5   | 1,982 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 196   | 1/4 | 645   | 1/4 | 1,094 | 1/4 | 1,543 | 1/4 | 1,992 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 206   | 1/2 | 655   | 1/2 | 1,103 | 1/2 | 1,552 | 1/2 | 2,001 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 215   | 3/4 | 664   | 3/4 | 1,113 | 3/4 | 1,562 | 3/4 | 2,010 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 6   | 224   | 6   | 673   | 6   | 1,122 | 6   | 1,571 | 6   | 2,020 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 234   | 1/4 | 683   | 1/4 | 1,131 | 1/4 | 1,580 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 243   | 1/2 | 692   | 1/2 | 1,141 | 1/2 | 1,590 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 252   | 3/4 | 701   | 3/4 | 1,150 | 3/4 | 1,599 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 7   | 262   | 7   | 711   | 7   | 1,159 | 7   | 1,608 | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 271   | 1/4 | 720   | 1/4 | 1,169 | 1/4 | 1,618 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 281   | 1/2 | 729   | 1/2 | 1,178 | 1/2 | 1,627 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 290   | 3/4 | 739   | 3/4 | 1,188 | 3/4 | 1,636 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 8   | 299   | 8   | 748   | 8   | 1,197 | 8   | 1,646 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 309   | 1/4 | 757   | 1/4 | 1,206 | 1/4 | 1,655 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 318   | 1/2 | 767   | 1/2 | 1,216 | 1/2 | 1,664 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 327   | 3/4 | 776   | 3/4 | 1,225 | 3/4 | 1,674 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 9   | 337   | 9   | 785   | 9   | 1,234 | 9   | 1,683 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 346   | 1/4 | 795   | 1/4 | 1,244 | 1/4 | 1,692 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 355   | 1/2 | 804   | 1/2 | 1,253 | 1/2 | 1,702 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 365   | 3/4 | 814   | 3/4 | 1,262 | 3/4 | 1,711 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 10  | 374   | 10  | 823   | 10  | 1,272 | 10  | 1,721 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 383   | 1/4 | 832   | 1/4 | 1,281 | 1/4 | 1,730 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 393   | 1/2 | 842   | 1/2 | 1,290 | 1/2 | 1,739 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 402   | 3/4 | 851   | 3/4 | 1,300 | 3/4 | 1,749 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 11  | 411   | 11  | 860   | 11  | 1,309 | 11  | 1,758 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 421   | 1/4 | 870   | 1/4 | 1,318 | 1/4 | 1,767 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 430   | 1/2 | 879   | 1/2 | 1,328 | 1/2 | 1,777 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 439   | 3/4 | 888   | 3/4 | 1,337 | 3/4 | 1,786 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |

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 AT GAUGE POINT.

STRAPPED: 06/05/2023 CL  
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CANCELS AND SUPERCEDES  
 ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "HTCO 3080"

## AFT SLOP INNAGE TABLE

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   | 449   | 0   | 898   | 0   | 1,346 | 0   | 1,795 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 9     | 1/4 | 458   | 1/4 | 907   | 1/4 | 1,356 | 1/4 | 1,805 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 19    | 1/2 | 468   | 1/2 | 916   | 1/2 | 1,365 | 1/2 | 1,814 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 28    | 3/4 | 477   | 3/4 | 926   | 3/4 | 1,375 | 3/4 | 1,823 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 1   | 37    | 1   | 486   | 1   | 935   | 1   | 1,384 | 1   | 1,833 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 47    | 1/4 | 496   | 1/4 | 944   | 1/4 | 1,393 | 1/4 | 1,842 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 56    | 1/2 | 505   | 1/2 | 954   | 1/2 | 1,403 | 1/2 | 1,851 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 65    | 3/4 | 514   | 3/4 | 963   | 3/4 | 1,412 | 3/4 | 1,861 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 2   | 75    | 2   | 524   | 2   | 972   | 2   | 1,421 | 2   | 1,870 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 84    | 1/4 | 533   | 1/4 | 982   | 1/4 | 1,431 | 1/4 | 1,879 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 94    | 1/2 | 542   | 1/2 | 991   | 1/2 | 1,440 | 1/2 | 1,889 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 103   | 3/4 | 552   | 3/4 | 1,001 | 3/4 | 1,449 | 3/4 | 1,898 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 3   | 112   | 3   | 561   | 3   | 1,010 | 3   | 1,459 | 3   | 1,908 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 122   | 1/4 | 570   | 1/4 | 1,019 | 1/4 | 1,468 | 1/4 | 1,917 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 131   | 1/2 | 580   | 1/2 | 1,029 | 1/2 | 1,477 | 1/2 | 1,926 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 140   | 3/4 | 589   | 3/4 | 1,038 | 3/4 | 1,487 | 3/4 | 1,936 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 4   | 150   | 4   | 598   | 4   | 1,047 | 4   | 1,496 | 4   | 1,945 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 159   | 1/4 | 608   | 1/4 | 1,057 | 1/4 | 1,505 | 1/4 | 1,954 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 168   | 1/2 | 617   | 1/2 | 1,066 | 1/2 | 1,515 | 1/2 | 1,964 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 178   | 3/4 | 626   | 3/4 | 1,075 | 3/4 | 1,524 | 3/4 | 1,973 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 5   | 187   | 5   | 636   | 5   | 1,085 | 5   | 1,533 | 5   | 1,982 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 196   | 1/4 | 645   | 1/4 | 1,094 | 1/4 | 1,543 | 1/4 | 1,992 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 206   | 1/2 | 655   | 1/2 | 1,103 | 1/2 | 1,552 | 1/2 | 2,001 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 215   | 3/4 | 664   | 3/4 | 1,113 | 3/4 | 1,562 | 3/4 | 2,010 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 6   | 224   | 6   | 673   | 6   | 1,122 | 6   | 1,571 | 6   | 2,020 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 234   | 1/4 | 683   | 1/4 | 1,131 | 1/4 | 1,580 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 243   | 1/2 | 692   | 1/2 | 1,141 | 1/2 | 1,590 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 252   | 3/4 | 701   | 3/4 | 1,150 | 3/4 | 1,599 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 7   | 262   | 7   | 711   | 7   | 1,159 | 7   | 1,608 | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 271   | 1/4 | 720   | 1/4 | 1,169 | 1/4 | 1,618 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 281   | 1/2 | 729   | 1/2 | 1,178 | 1/2 | 1,627 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 290   | 3/4 | 739   | 3/4 | 1,188 | 3/4 | 1,636 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 8   | 299   | 8   | 748   | 8   | 1,197 | 8   | 1,646 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 309   | 1/4 | 757   | 1/4 | 1,206 | 1/4 | 1,655 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 318   | 1/2 | 767   | 1/2 | 1,216 | 1/2 | 1,664 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 327   | 3/4 | 776   | 3/4 | 1,225 | 3/4 | 1,674 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 9   | 337   | 9   | 785   | 9   | 1,234 | 9   | 1,683 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 346   | 1/4 | 795   | 1/4 | 1,244 | 1/4 | 1,692 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 355   | 1/2 | 804   | 1/2 | 1,253 | 1/2 | 1,702 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 365   | 3/4 | 814   | 3/4 | 1,262 | 3/4 | 1,711 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 10  | 374   | 10  | 823   | 10  | 1,272 | 10  | 1,721 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 383   | 1/4 | 832   | 1/4 | 1,281 | 1/4 | 1,730 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 393   | 1/2 | 842   | 1/2 | 1,290 | 1/2 | 1,739 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 402   | 3/4 | 851   | 3/4 | 1,300 | 3/4 | 1,749 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 11  | 411   | 11  | 860   | 11  | 1,309 | 11  | 1,758 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 421   | 1/4 | 870   | 1/4 | 1,318 | 1/4 | 1,767 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 430   | 1/2 | 879   | 1/2 | 1,328 | 1/2 | 1,777 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 439   | 3/4 | 888   | 3/4 | 1,337 | 3/4 | 1,786 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |

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 AT GAUGE POINT.

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



# BARGE "HTCO 3080"

# FUEL TANK INNAGE TABLE

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 |       |
| 1/2 | 2     | 1/2 | 127   | 1/2 | 309   | 1/2 | 470   | 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 |       |
| 1   | 3     | 1   | 134   | 1   | 316   | 1   | 476   | 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 |       |
| 1/2 | 6     | 1/2 | 142   | 1/2 | 324   | 1/2 | 480   | 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 |       |
| 2   | 9     | 2   | 149   | 2   | 331   | 2   | 485   | 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 |       |
| 1/2 | 13    | 1/2 | 156   | 1/2 | 339   | 1/2 | 489   | 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   | 16    | 3   | 163   | 3   | 346   | 3   | 494   | 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 |       |
| 1/2 | 20    | 1/2 | 171   | 1/2 | 354   | 1/2 | 497   | 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 |       |
| 4   | 25    | 4   | 178   | 4   | 361   | 4   | 501   | 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 |       |
| 1/2 | 29    | 1/2 | 186   | 1/2 | 368   | 1/2 | 504   | 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 |       |
| 5   | 34    | 5   | 193   | 5   | 375   | 5   | 507   | 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 |       |
| 1/2 | 39    | 1/2 | 201   | 1/2 | 383   | 1/2 | 508   | 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 |       |
| 6   | 45    | 6   | 209   | 6   | 390   | 6   | 510   | 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 |       |
| 1/2 | 50    | 1/2 | 216   | 1/2 | 396   | 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 |       |
| 7   | 56    | 7   | 224   | 7   | 403   | 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 |       |
| 1/2 | 62    | 1/2 | 232   | 1/2 | 410   | 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 |       |
| 8   | 68    | 8   | 239   | 8   | 417   | 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 |       |
| 1/2 | 74    | 1/2 | 247   | 1/2 | 423   | 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 |       |
| 9   | 80    | 9   | 255   | 9   | 430   | 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 |       |
| 1/2 | 87    | 1/2 | 263   | 1/2 | 436   | 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 |       |
| 10  | 93    | 10  | 270   | 10  | 442   | 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 |       |
| 1/2 | 100   | 1/2 | 278   | 1/2 | 448   | 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 |       |
| 11  | 106   | 11  | 286   | 11  | 454   | 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 |       |
| 1/2 | 113   | 1/2 | 293   | 1/2 | 460   | 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 |       |

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 AT GAUGE POINT.

STRAPPED: 06/05/2023 CL  
CALCULATED: 06/05/2023 CL  
PRINTED: 06/05/2023 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 06/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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