



# BARGE "TMTB 107"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 6'-00"  
 DIFF. = 4'-00" (DOWN BY STERN)

THE CORRECTION FOR 4'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-7/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

March 19, 2021

PRECISION MEASUREMENT  
 & ANALYSIS, INC.

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# BARGE "TMTB 107"

## 1 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-06"

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   | 4,580.64 | 0   | 4,282.14 | 0   | 3,973.41 | 0   | 3,648.41 | 0   | 3,317.75 | 0   | 2,987.10 | 0   | 2,656.45 | 0   | 2,325.79 | 0   | 1,995.13 |
| 1/4 |       | 1/4 | 4,575.26 | 1/4 | 4,275.86 | 1/4 | 3,966.78 | 1/4 | 3,641.52 | 1/4 | 3,310.86 | 1/4 | 2,980.21 | 1/4 | 2,649.56 | 1/4 | 2,318.91 | 1/4 | 1,988.24 |
| 1/2 |       | 1/2 | 4,569.89 | 1/2 | 4,269.58 | 1/2 | 3,960.15 | 1/2 | 3,634.63 | 1/2 | 3,303.98 | 1/2 | 2,973.32 | 1/2 | 2,642.67 | 1/2 | 2,312.02 | 1/2 | 1,981.35 |
| 3/4 |       | 3/4 | 4,564.51 | 3/4 | 4,263.31 | 3/4 | 3,953.52 | 3/4 | 3,627.74 | 3/4 | 3,297.09 | 3/4 | 2,966.43 | 3/4 | 2,635.78 | 3/4 | 2,305.13 | 3/4 | 1,974.46 |
| 1   |       | 1   | 4,559.13 | 1   | 4,257.03 | 1   | 3,946.89 | 1   | 3,620.85 | 1   | 3,290.20 | 1   | 2,959.55 | 1   | 2,628.89 | 1   | 2,298.24 | 1   | 1,967.57 |
| 1/4 |       | 1/4 | 4,552.72 | 1/4 | 4,250.73 | 1/4 | 3,940.23 | 1/4 | 3,613.96 | 1/4 | 3,283.31 | 1/4 | 2,952.66 | 1/4 | 2,622.00 | 1/4 | 2,291.35 | 1/4 | 1,960.68 |
| 1/2 |       | 1/2 | 4,546.31 | 1/2 | 4,244.43 | 1/2 | 3,933.58 | 1/2 | 3,607.07 | 1/2 | 3,276.42 | 1/2 | 2,945.77 | 1/2 | 2,615.12 | 1/2 | 2,284.46 | 1/2 | 1,953.79 |
| 3/4 |       | 3/4 | 4,539.90 | 3/4 | 4,238.12 | 3/4 | 3,926.92 | 3/4 | 3,600.18 | 3/4 | 3,269.53 | 3/4 | 2,938.88 | 3/4 | 2,608.23 | 3/4 | 2,277.57 | 3/4 | 1,946.89 |
| 2   |       | 2   | 4,533.49 | 2   | 4,231.82 | 2   | 3,920.26 | 2   | 3,593.30 | 2   | 3,262.64 | 2   | 2,931.99 | 2   | 2,601.34 | 2   | 2,270.69 | 2   | 1,940.00 |
| 1/4 |       | 1/4 | 4,526.74 | 1/4 | 4,225.49 | 1/4 | 3,913.58 | 1/4 | 3,586.41 | 1/4 | 3,255.75 | 1/4 | 2,925.10 | 1/4 | 2,594.45 | 1/4 | 2,263.80 | 1/4 | 1,933.11 |
| 1/2 |       | 1/2 | 4,519.98 | 1/2 | 4,219.16 | 1/2 | 3,906.90 | 1/2 | 3,579.52 | 1/2 | 3,248.87 | 1/2 | 2,918.21 | 1/2 | 2,587.56 | 1/2 | 2,256.91 | 1/2 | 1,926.22 |
| 3/4 |       | 3/4 | 4,513.23 | 3/4 | 4,212.84 | 3/4 | 3,900.22 | 3/4 | 3,572.63 | 3/4 | 3,241.98 | 3/4 | 2,911.32 | 3/4 | 2,580.67 | 3/4 | 2,250.02 | 3/4 | 1,919.33 |
| 3   |       | 3   | 4,506.48 | 3   | 4,206.51 | 3   | 3,893.53 | 3   | 3,565.74 | 3   | 3,235.09 | 3   | 2,904.44 | 3   | 2,573.78 | 3   | 2,243.13 | 3   | 1,912.44 |
| 1/4 |       | 1/4 | 4,499.72 | 1/4 | 4,200.15 | 1/4 | 3,886.83 | 1/4 | 3,558.85 | 1/4 | 3,228.20 | 1/4 | 2,897.55 | 1/4 | 2,566.89 | 1/4 | 2,236.24 | 1/4 | 1,905.55 |
| 1/2 |       | 1/2 | 4,492.97 | 1/2 | 4,193.80 | 1/2 | 3,880.12 | 1/2 | 3,551.96 | 1/2 | 3,221.31 | 1/2 | 2,890.66 | 1/2 | 2,560.01 | 1/2 | 2,229.35 | 1/2 | 1,898.66 |
| 3/4 |       | 3/4 | 4,486.22 | 3/4 | 4,187.44 | 3/4 | 3,873.41 | 3/4 | 3,545.08 | 3/4 | 3,214.42 | 3/4 | 2,883.77 | 3/4 | 2,553.12 | 3/4 | 2,222.46 | 3/4 | 1,891.77 |
| 4   |       | 4   | 4,479.46 | 4   | 4,181.09 | 4   | 3,866.70 | 4   | 3,538.19 | 4   | 3,207.53 | 4   | 2,876.88 | 4   | 2,546.23 | 4   | 2,215.58 | 4   | 1,884.88 |
| 1/4 |       | 1/4 | 4,473.09 | 1/4 | 4,174.71 | 1/4 | 3,859.97 | 1/4 | 3,531.30 | 1/4 | 3,200.65 | 1/4 | 2,869.99 | 1/4 | 2,539.34 | 1/4 | 2,208.69 | 1/4 | 1,877.99 |
| 1/2 |       | 1/2 | 4,466.72 | 1/2 | 4,168.33 | 1/2 | 3,853.23 | 1/2 | 3,524.41 | 1/2 | 3,193.76 | 1/2 | 2,863.10 | 1/2 | 2,532.45 | 1/2 | 2,201.80 | 1/2 | 1,871.09 |
| 3/4 |       | 3/4 | 4,460.36 | 3/4 | 4,161.95 | 3/4 | 3,846.50 | 3/4 | 3,517.52 | 3/4 | 3,186.87 | 3/4 | 2,856.22 | 3/4 | 2,525.56 | 3/4 | 2,194.91 | 3/4 | 1,864.20 |
| 5   |       | 5   | 4,453.99 | 5   | 4,155.56 | 5   | 3,839.76 | 5   | 3,510.63 | 5   | 3,179.98 | 5   | 2,849.33 | 5   | 2,518.67 | 5   | 2,188.02 | 5   | 1,857.31 |
| 1/4 |       | 1/4 | 4,447.99 | 1/4 | 4,149.16 | 1/4 | 3,833.00 | 1/4 | 3,503.74 | 1/4 | 3,173.09 | 1/4 | 2,842.44 | 1/4 | 2,511.79 | 1/4 | 2,181.13 | 1/4 | 1,850.42 |
| 1/2 |       | 1/2 | 4,441.99 | 1/2 | 4,142.75 | 1/2 | 3,826.24 | 1/2 | 3,496.86 | 1/2 | 3,166.20 | 1/2 | 2,835.55 | 1/2 | 2,504.90 | 1/2 | 2,174.24 | 1/2 | 1,843.53 |
| 3/4 |       | 3/4 | 4,435.99 | 3/4 | 4,136.34 | 3/4 | 3,819.48 | 3/4 | 3,489.97 | 3/4 | 3,159.31 | 3/4 | 2,828.66 | 3/4 | 2,498.01 | 3/4 | 2,167.36 | 3/4 | 1,836.64 |
| 6   |       | 6   | 4,429.99 | 6   | 4,129.94 | 6   | 3,812.72 | 6   | 3,483.08 | 6   | 3,152.43 | 6   | 2,821.77 | 6   | 2,491.12 | 6   | 2,160.47 | 6   | 1,829.75 |
| 1/4 |       | 1/4 | 4,423.97 | 1/4 | 4,123.50 | 1/4 | 3,805.93 | 1/4 | 3,476.19 | 1/4 | 3,145.54 | 1/4 | 2,814.88 | 1/4 | 2,484.23 | 1/4 | 2,153.58 | 1/4 | 1,822.86 |
| 1/2 |       | 1/2 | 4,417.95 | 1/2 | 4,117.07 | 1/2 | 3,799.14 | 1/2 | 3,469.30 | 1/2 | 3,138.65 | 1/2 | 2,808.00 | 1/2 | 2,477.34 | 1/2 | 2,146.69 | 1/2 | 1,815.97 |
| 3/4 |       | 3/4 | 4,411.92 | 3/4 | 4,110.64 | 3/4 | 3,792.36 | 3/4 | 3,462.41 | 3/4 | 3,131.76 | 3/4 | 2,801.11 | 3/4 | 2,470.45 | 3/4 | 2,139.80 | 3/4 | 1,809.08 |
| 7   |       | 7   | 4,405.90 | 7   | 4,104.20 | 7   | 3,785.57 | 7   | 3,455.52 | 7   | 3,124.87 | 7   | 2,794.22 | 7   | 2,463.57 | 7   | 2,132.91 | 7   | 1,802.19 |
| 1/4 |       | 1/4 | 4,399.80 | 1/4 | 4,097.74 | 1/4 | 3,778.76 | 1/4 | 3,448.64 | 1/4 | 3,117.98 | 1/4 | 2,787.33 | 1/4 | 2,456.68 | 1/4 | 2,126.02 | 1/4 | 1,795.29 |
| 1/2 |       | 1/2 | 4,393.70 | 1/2 | 4,091.28 | 1/2 | 3,771.94 | 1/2 | 3,441.75 | 1/2 | 3,111.09 | 1/2 | 2,780.44 | 1/2 | 2,449.79 | 1/2 | 2,119.14 | 1/2 | 1,788.40 |
| 3/4 |       | 3/4 | 4,387.61 | 3/4 | 4,084.83 | 3/4 | 3,765.13 | 3/4 | 3,434.86 | 3/4 | 3,104.21 | 3/4 | 2,773.55 | 3/4 | 2,442.90 | 3/4 | 2,112.25 | 3/4 | 1,781.51 |
| 8   |       | 8   | 4,381.51 | 8   | 4,078.37 | 8   | 3,758.31 | 8   | 3,427.97 | 8   | 3,097.32 | 8   | 2,766.66 | 8   | 2,436.01 | 8   | 2,105.36 | 8   | 1,774.62 |
| 1/4 |       | 1/4 | 4,375.34 | 1/4 | 4,071.86 | 1/4 | 3,751.48 | 1/4 | 3,421.08 | 1/4 | 3,090.43 | 1/4 | 2,759.78 | 1/4 | 2,429.12 | 1/4 | 2,098.47 | 1/4 | 1,767.73 |
| 1/2 |       | 1/2 | 4,369.16 | 1/2 | 4,065.36 | 1/2 | 3,744.64 | 1/2 | 3,414.19 | 1/2 | 3,083.54 | 1/2 | 2,752.89 | 1/2 | 2,422.23 | 1/2 | 2,091.58 | 1/2 | 1,760.84 |
| 3/4 |       | 3/4 | 4,362.99 | 3/4 | 4,058.85 | 3/4 | 3,737.80 | 3/4 | 3,407.30 | 3/4 | 3,076.65 | 3/4 | 2,746.00 | 3/4 | 2,415.35 | 3/4 | 2,084.69 | 3/4 | 1,753.95 |
| 9   |       | 9   | 4,356.82 | 9   | 4,052.34 | 9   | 3,730.96 | 9   | 3,400.42 | 9   | 3,069.76 | 9   | 2,739.11 | 9   | 2,408.46 | 9   | 2,077.80 | 9   | 1,747.06 |
| 1/4 |       | 1/4 | 4,350.62 | 1/4 | 4,045.79 | 1/4 | 3,724.09 | 1/4 | 3,393.53 | 1/4 | 3,062.87 | 1/4 | 2,732.22 | 1/4 | 2,401.57 | 1/4 | 2,070.92 | 1/4 | 1,740.17 |
| 1/2 |       | 1/2 | 4,344.43 | 1/2 | 4,039.24 | 1/2 | 3,717.23 | 1/2 | 3,386.64 | 1/2 | 3,055.99 | 1/2 | 2,725.33 | 1/2 | 2,394.68 | 1/2 | 2,064.03 | 1/2 | 1,733.28 |
| 3/4 |       | 3/4 | 4,338.23 | 3/4 | 4,032.69 | 3/4 | 3,710.36 | 3/4 | 3,379.75 | 3/4 | 3,049.10 | 3/4 | 2,718.44 | 3/4 | 2,387.79 | 3/4 | 2,057.14 | 3/4 | 1,726.39 |
| 10  |       | 10  | 4,332.03 | 10  | 4,026.14 | 10  | 3,703.49 | 10  | 3,372.86 | 10  | 3,042.21 | 10  | 2,711.56 | 10  | 2,380.90 | 10  | 2,050.25 | 10  | 1,719.49 |
| 1/4 |       | 1/4 | 4,325.81 | 1/4 | 4,019.56 | 1/4 | 3,696.61 | 1/4 | 3,365.97 | 1/4 | 3,035.32 | 1/4 | 2,704.67 | 1/4 | 2,374.01 | 1/4 | 2,043.36 | 1/4 | 1,712.60 |
| 1/2 |       | 1/2 | 4,319.58 | 1/2 | 4,012.98 | 1/2 | 3,689.73 | 1/2 | 3,359.08 | 1/2 | 3,028.43 | 1/2 | 2,697.78 | 1/2 | 2,367.13 | 1/2 | 2,036.47 | 1/2 | 1,705.71 |
| 3/4 |       | 3/4 | 4,313.36 | 3/4 | 4,006.40 | 3/4 | 3,682.84 | 3/4 | 3,352.20 | 3/4 | 3,021.54 | 3/4 | 2,690.89 | 3/4 | 2,360.24 | 3/4 | 2,029.58 | 3/4 | 1,698.82 |
| 11  |       | 11  | 4,307.14 | 11  | 3,999.83 | 11  | 3,675.96 | 11  | 3,345.31 | 11  | 3,014.65 | 11  | 2,684.00 | 11  | 2,353.35 | 11  | 2,022.69 | 11  | 1,691.93 |
| 1/4 |       | 1/4 | 4,300.89 | 1/4 | 3,993.22 | 1/4 | 3,669.07 | 1/4 | 3,338.42 | 1/4 | 3,007.77 | 1/4 | 2,677.11 | 1/4 | 2,346.46 | 1/4 | 2,015.80 | 1/4 | 1,685.04 |
| 1/2 |       | 1/2 | 4,294.64 | 1/2 | 3,986.62 | 1/2 | 3,662.18 | 1/2 | 3,331.53 | 1/2 | 3,000.88 | 1/2 | 2,670.22 | 1/2 | 2,339.57 | 1/2 | 2,008.91 | 1/2 | 1,678.15 |
| 3/4 |       | 3/4 | 4,288.39 | 3/4 | 3,980.01 | 3/4 | 3,655.29 | 3/4 | 3,324.64 | 3/4 | 2,993.99 | 3/4 | 2,663.34 | 3/4 | 2,332.68 | 3/4 | 2,002.02 | 3/4 | 1,671.26 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "TMTB 107"

**1 PORT**  
**ULLAGE TABLE**  
**HERMETIC**  
**GAUGE HEIGHT 15'-06"**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,664.37 | 0   | 1,333.60 | 0   | 1,003.57 | 0   | 689.28 | 0   | 397.70 | 0   | 127.37 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,657.48 | 1/4 | 1,326.71 | 1/4 | 996.81   | 1/4 | 682.98 | 1/4 | 391.86 | 1/4 | 121.99 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,650.59 | 1/2 | 1,319.82 | 1/2 | 990.05   | 1/2 | 676.68 | 1/2 | 386.02 | 1/2 | 116.61 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,643.69 | 3/4 | 1,312.93 | 3/4 | 983.29   | 3/4 | 670.39 | 3/4 | 380.18 | 3/4 | 111.22 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,636.80 | 1   | 1,306.04 | 1   | 976.54   | 1   | 664.09 | 1   | 374.33 | 1   | 105.84 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,629.91 | 1/4 | 1,299.15 | 1/4 | 969.82   | 1/4 | 657.82 | 1/4 | 368.53 | 1/4 | 100.49 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,623.02 | 1/2 | 1,292.26 | 1/2 | 963.10   | 1/2 | 651.56 | 1/2 | 362.73 | 1/2 | 95.15  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,616.13 | 3/4 | 1,285.37 | 3/4 | 956.38   | 3/4 | 645.30 | 3/4 | 356.92 | 3/4 | 89.80  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,609.24 | 2   | 1,278.48 | 2   | 949.66   | 2   | 639.04 | 2   | 351.12 | 2   | 84.46  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,602.35 | 1/4 | 1,271.59 | 1/4 | 942.98   | 1/4 | 632.83 | 1/4 | 345.35 | 1/4 | 79.15  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,595.46 | 1/2 | 1,264.70 | 1/2 | 936.30   | 1/2 | 626.62 | 1/2 | 339.59 | 1/2 | 73.84  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,588.57 | 3/4 | 1,257.80 | 3/4 | 929.62   | 3/4 | 620.40 | 3/4 | 333.82 | 3/4 | 68.53  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,581.68 | 3   | 1,250.91 | 3   | 922.94   | 3   | 614.19 | 3   | 328.06 | 3   | 63.23  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,574.79 | 1/4 | 1,244.02 | 1/4 | 916.29   | 1/4 | 608.03 | 1/4 | 322.33 | 1/4 | 57.96  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,567.89 | 1/2 | 1,237.13 | 1/2 | 909.65   | 1/2 | 601.87 | 1/2 | 316.60 | 1/2 | 52.69  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,561.00 | 3/4 | 1,230.24 | 3/4 | 903.01   | 3/4 | 595.70 | 3/4 | 310.88 | 3/4 | 47.42  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,554.11 | 4   | 1,223.35 | 4   | 896.36   | 4   | 589.54 | 4   | 305.15 | 4   | 42.15  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,547.22 | 1/4 | 1,216.46 | 1/4 | 889.76   | 1/4 | 583.42 | 1/4 | 299.46 | 1/4 | 37.49  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,540.33 | 1/2 | 1,209.57 | 1/2 | 883.15   | 1/2 | 577.29 | 1/2 | 293.77 | 1/2 | 32.83  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,533.44 | 3/4 | 1,202.68 | 3/4 | 876.55   | 3/4 | 571.17 | 3/4 | 288.08 | 3/4 | 28.18  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,526.55 | 5   | 1,195.79 | 5   | 869.94   | 5   | 565.04 | 5   | 282.39 | 5   | 23.52  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,519.66 | 1/4 | 1,188.90 | 1/4 | 863.38   | 1/4 | 558.96 | 1/4 | 276.74 | 1/4 | 20.19  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,512.77 | 1/2 | 1,182.00 | 1/2 | 856.81   | 1/2 | 552.87 | 1/2 | 271.09 | 1/2 | 16.86  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,505.88 | 3/4 | 1,175.11 | 3/4 | 850.24   | 3/4 | 546.79 | 3/4 | 265.44 | 3/4 | 13.53  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,498.99 | 6   | 1,168.22 | 6   | 843.68   | 6   | 540.70 | 6   | 259.79 | 6   | 10.20  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,492.10 | 1/4 | 1,161.33 | 1/4 | 837.15   | 1/4 | 534.65 | 1/4 | 254.18 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,485.20 | 1/2 | 1,154.44 | 1/2 | 830.62   | 1/2 | 528.60 | 1/2 | 248.56 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,478.31 | 3/4 | 1,147.55 | 3/4 | 824.09   | 3/4 | 522.56 | 3/4 | 242.95 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,471.42 | 7   | 1,140.66 | 7   | 817.56   | 7   | 516.51 | 7   | 237.34 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,464.53 | 1/4 | 1,133.77 | 1/4 | 811.07   | 1/4 | 510.50 | 1/4 | 231.76 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,457.64 | 1/2 | 1,126.88 | 1/2 | 804.58   | 1/2 | 504.49 | 1/2 | 226.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,450.75 | 3/4 | 1,119.99 | 3/4 | 798.09   | 3/4 | 498.48 | 3/4 | 220.62 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,443.86 | 8   | 1,113.10 | 8   | 791.60   | 8   | 492.47 | 8   | 215.04 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,436.97 | 1/4 | 1,106.21 | 1/4 | 785.15   | 1/4 | 486.50 | 1/4 | 209.50 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,430.08 | 1/2 | 1,099.32 | 1/2 | 778.70   | 1/2 | 480.52 | 1/2 | 203.97 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,423.19 | 3/4 | 1,092.44 | 3/4 | 772.25   | 3/4 | 474.55 | 3/4 | 198.43 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,416.30 | 9   | 1,085.55 | 9   | 765.79   | 9   | 468.58 | 9   | 192.90 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,409.40 | 1/4 | 1,078.68 | 1/4 | 759.38   | 1/4 | 462.65 | 1/4 | 187.40 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,402.51 | 1/2 | 1,071.82 | 1/2 | 752.97   | 1/2 | 456.71 | 1/2 | 181.90 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,395.62 | 3/4 | 1,064.95 | 3/4 | 746.55   | 3/4 | 450.78 | 3/4 | 176.40 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,388.73 | 10  | 1,058.08 | 10  | 740.14   | 10  | 444.85 | 10  | 170.90 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,381.84 | 1/4 | 1,051.25 | 1/4 | 733.76   | 1/4 | 438.94 | 1/4 | 165.44 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,374.95 | 1/2 | 1,044.42 | 1/2 | 727.39   | 1/2 | 433.03 | 1/2 | 159.98 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,368.06 | 3/4 | 1,037.58 | 3/4 | 721.01   | 3/4 | 427.13 | 3/4 | 154.52 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,361.17 | 11  | 1,030.75 | 11  | 714.63   | 11  | 421.22 | 11  | 149.06 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,354.28 | 1/4 | 1,023.95 | 1/4 | 708.30   | 1/4 | 415.34 | 1/4 | 143.64 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,347.39 | 1/2 | 1,017.16 | 1/2 | 701.96   | 1/2 | 409.46 | 1/2 | 138.22 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,340.50 | 3/4 | 1,010.36 | 3/4 | 695.62   | 3/4 | 403.58 | 3/4 | 132.80 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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



# BARGE "TMTB 107"

## 1 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-06 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   | 4,312.19 | 0   | 4,002.02 | 0   | 3,675.41 | 0   | 3,342.84 | 0   | 3,010.28 | 0   | 2,677.71 | 0   | 2,345.14 | 0   | 2,012.56 |
| 1/4 |       | 1/4 | 4,606.17 | 1/4 | 4,305.91 | 1/4 | 3,995.37 | 1/4 | 3,668.48 | 1/4 | 3,335.92 | 1/4 | 3,003.35 | 1/4 | 2,670.78 | 1/4 | 2,338.21 | 1/4 | 2,005.63 |
| 1/2 |       | 1/2 | 4,600.76 | 1/2 | 4,299.59 | 1/2 | 3,988.71 | 1/2 | 3,661.56 | 1/2 | 3,328.99 | 1/2 | 2,996.42 | 1/2 | 2,663.85 | 1/2 | 2,331.28 | 1/2 | 1,998.70 |
| 3/4 |       | 3/4 | 4,595.35 | 3/4 | 4,293.28 | 3/4 | 3,982.04 | 3/4 | 3,654.63 | 3/4 | 3,322.06 | 3/4 | 2,989.49 | 3/4 | 2,656.92 | 3/4 | 2,324.36 | 3/4 | 1,991.77 |
| 1   |       | 1   | 4,589.94 | 1   | 4,286.97 | 1   | 3,975.37 | 1   | 3,647.70 | 1   | 3,315.13 | 1   | 2,982.56 | 1   | 2,649.99 | 1   | 2,317.43 | 1   | 1,984.84 |
| 1/4 |       | 1/4 | 4,584.53 | 1/4 | 4,280.65 | 1/4 | 3,968.70 | 1/4 | 3,640.77 | 1/4 | 3,308.20 | 1/4 | 2,975.63 | 1/4 | 2,643.07 | 1/4 | 2,310.50 | 1/4 | 1,977.91 |
| 1/2 |       | 1/2 | 4,578.09 | 1/2 | 4,274.32 | 1/2 | 3,962.00 | 1/2 | 3,633.84 | 1/2 | 3,301.27 | 1/2 | 2,968.71 | 1/2 | 2,636.14 | 1/2 | 2,303.57 | 1/2 | 1,970.98 |
| 3/4 |       | 3/4 | 4,571.64 | 3/4 | 4,267.98 | 3/4 | 3,955.31 | 3/4 | 3,626.91 | 3/4 | 3,294.35 | 3/4 | 2,961.78 | 3/4 | 2,629.21 | 3/4 | 2,296.64 | 3/4 | 1,964.05 |
| 2   |       | 2   | 4,565.19 | 2   | 4,261.64 | 2   | 3,948.61 | 2   | 3,619.98 | 2   | 3,287.42 | 2   | 2,954.85 | 2   | 2,622.28 | 2   | 2,289.71 | 2   | 1,957.12 |
| 1/4 |       | 1/4 | 4,558.74 | 1/4 | 4,255.30 | 1/4 | 3,941.92 | 1/4 | 3,613.06 | 1/4 | 3,280.49 | 1/4 | 2,947.92 | 1/4 | 2,615.35 | 1/4 | 2,282.78 | 1/4 | 1,950.19 |
| 1/2 |       | 1/2 | 4,551.95 | 1/2 | 4,248.93 | 1/2 | 3,935.20 | 1/2 | 3,606.13 | 1/2 | 3,273.56 | 1/2 | 2,940.99 | 1/2 | 2,608.42 | 1/2 | 2,275.86 | 1/2 | 1,943.26 |
| 3/4 |       | 3/4 | 4,545.16 | 3/4 | 4,242.57 | 3/4 | 3,928.48 | 3/4 | 3,599.20 | 3/4 | 3,266.63 | 3/4 | 2,934.06 | 3/4 | 2,601.50 | 3/4 | 2,268.93 | 3/4 | 1,936.33 |
| 3   |       | 3   | 4,538.36 | 3   | 4,236.20 | 3   | 3,921.75 | 3   | 3,592.27 | 3   | 3,259.70 | 3   | 2,927.13 | 3   | 2,594.57 | 3   | 2,262.00 | 3   | 1,929.39 |
| 1/4 |       | 1/4 | 4,531.57 | 1/4 | 4,229.83 | 1/4 | 3,915.03 | 1/4 | 3,585.34 | 1/4 | 3,252.77 | 1/4 | 2,920.21 | 1/4 | 2,587.64 | 1/4 | 2,255.07 | 1/4 | 1,922.46 |
| 1/2 |       | 1/2 | 4,524.78 | 1/2 | 4,223.44 | 1/2 | 3,908.29 | 1/2 | 3,578.41 | 1/2 | 3,245.85 | 1/2 | 2,913.28 | 1/2 | 2,580.71 | 1/2 | 2,248.14 | 1/2 | 1,915.53 |
| 3/4 |       | 3/4 | 4,517.98 | 3/4 | 4,217.05 | 3/4 | 3,901.54 | 3/4 | 3,571.49 | 3/4 | 3,238.92 | 3/4 | 2,906.35 | 3/4 | 2,573.78 | 3/4 | 2,241.21 | 3/4 | 1,908.60 |
| 4   |       | 4   | 4,511.19 | 4   | 4,210.66 | 4   | 3,894.79 | 4   | 3,564.56 | 4   | 3,231.99 | 4   | 2,899.42 | 4   | 2,566.85 | 4   | 2,234.28 | 4   | 1,901.67 |
| 1/4 |       | 1/4 | 4,504.40 | 1/4 | 4,204.27 | 1/4 | 3,888.04 | 1/4 | 3,557.63 | 1/4 | 3,225.06 | 1/4 | 2,892.49 | 1/4 | 2,559.92 | 1/4 | 2,227.36 | 1/4 | 1,894.74 |
| 1/2 |       | 1/2 | 4,497.99 | 1/2 | 4,197.85 | 1/2 | 3,881.27 | 1/2 | 3,550.70 | 1/2 | 3,218.13 | 1/2 | 2,885.56 | 1/2 | 2,553.00 | 1/2 | 2,220.43 | 1/2 | 1,887.81 |
| 3/4 |       | 3/4 | 4,491.59 | 3/4 | 4,191.43 | 3/4 | 3,874.49 | 3/4 | 3,543.77 | 3/4 | 3,211.20 | 3/4 | 2,878.64 | 3/4 | 2,546.07 | 3/4 | 2,213.50 | 3/4 | 1,880.88 |
| 5   |       | 5   | 4,485.18 | 5   | 4,185.01 | 5   | 3,867.72 | 5   | 3,536.84 | 5   | 3,204.27 | 5   | 2,871.71 | 5   | 2,539.14 | 5   | 2,206.57 | 5   | 1,873.95 |
| 1/4 |       | 1/4 | 4,478.77 | 1/4 | 4,178.59 | 1/4 | 3,860.95 | 1/4 | 3,529.91 | 1/4 | 3,197.35 | 1/4 | 2,864.78 | 1/4 | 2,532.21 | 1/4 | 2,199.64 | 1/4 | 1,867.02 |
| 1/2 |       | 1/2 | 4,472.74 | 1/2 | 4,172.15 | 1/2 | 3,854.15 | 1/2 | 3,522.99 | 1/2 | 3,190.42 | 1/2 | 2,857.85 | 1/2 | 2,525.28 | 1/2 | 2,192.71 | 1/2 | 1,860.09 |
| 3/4 |       | 3/4 | 4,466.71 | 3/4 | 4,165.70 | 3/4 | 3,847.35 | 3/4 | 3,516.06 | 3/4 | 3,183.49 | 3/4 | 2,850.92 | 3/4 | 2,518.35 | 3/4 | 2,185.79 | 3/4 | 1,853.16 |
| 6   |       | 6   | 4,460.67 | 6   | 4,159.26 | 6   | 3,840.55 | 6   | 3,509.13 | 6   | 3,176.56 | 6   | 2,843.99 | 6   | 2,511.42 | 6   | 2,178.86 | 6   | 1,846.22 |
| 1/4 |       | 1/4 | 4,454.64 | 1/4 | 4,152.81 | 1/4 | 3,833.75 | 1/4 | 3,502.20 | 1/4 | 3,169.63 | 1/4 | 2,837.06 | 1/4 | 2,504.50 | 1/4 | 2,171.93 | 1/4 | 1,839.29 |
| 1/2 |       | 1/2 | 4,448.58 | 1/2 | 4,146.34 | 1/2 | 3,826.92 | 1/2 | 3,495.27 | 1/2 | 3,162.70 | 1/2 | 2,830.14 | 1/2 | 2,497.57 | 1/2 | 2,165.00 | 1/2 | 1,832.36 |
| 3/4 |       | 3/4 | 4,442.52 | 3/4 | 4,139.87 | 3/4 | 3,820.09 | 3/4 | 3,488.34 | 3/4 | 3,155.78 | 3/4 | 2,823.21 | 3/4 | 2,490.64 | 3/4 | 2,158.07 | 3/4 | 1,825.43 |
| 7   |       | 7   | 4,436.46 | 7   | 4,133.40 | 7   | 3,813.27 | 7   | 3,481.41 | 7   | 3,148.85 | 7   | 2,816.28 | 7   | 2,483.71 | 7   | 2,151.14 | 7   | 1,818.50 |
| 1/4 |       | 1/4 | 4,430.40 | 1/4 | 4,126.93 | 1/4 | 3,806.44 | 1/4 | 3,474.49 | 1/4 | 3,141.92 | 1/4 | 2,809.35 | 1/4 | 2,476.78 | 1/4 | 2,144.21 | 1/4 | 1,811.57 |
| 1/2 |       | 1/2 | 4,424.27 | 1/2 | 4,120.43 | 1/2 | 3,799.59 | 1/2 | 3,467.56 | 1/2 | 3,134.99 | 1/2 | 2,802.42 | 1/2 | 2,469.85 | 1/2 | 2,137.29 | 1/2 | 1,804.64 |
| 3/4 |       | 3/4 | 4,418.13 | 3/4 | 4,113.94 | 3/4 | 3,792.73 | 3/4 | 3,460.63 | 3/4 | 3,128.06 | 3/4 | 2,795.49 | 3/4 | 2,462.93 | 3/4 | 2,130.36 | 3/4 | 1,797.71 |
| 8   |       | 8   | 4,412.00 | 8   | 4,107.44 | 8   | 3,785.88 | 8   | 3,453.70 | 8   | 3,121.13 | 8   | 2,788.56 | 8   | 2,456.00 | 8   | 2,123.43 | 8   | 1,790.78 |
| 1/4 |       | 1/4 | 4,405.86 | 1/4 | 4,100.94 | 1/4 | 3,779.03 | 1/4 | 3,446.77 | 1/4 | 3,114.20 | 1/4 | 2,781.64 | 1/4 | 2,449.07 | 1/4 | 2,116.50 | 1/4 | 1,783.85 |
| 1/2 |       | 1/2 | 4,399.66 | 1/2 | 4,094.40 | 1/2 | 3,772.15 | 1/2 | 3,439.84 | 1/2 | 3,107.28 | 1/2 | 2,774.71 | 1/2 | 2,442.14 | 1/2 | 2,109.57 | 1/2 | 1,776.92 |
| 3/4 |       | 3/4 | 4,393.45 | 3/4 | 4,087.85 | 3/4 | 3,765.27 | 3/4 | 3,432.92 | 3/4 | 3,100.35 | 3/4 | 2,767.78 | 3/4 | 2,435.21 | 3/4 | 2,102.64 | 3/4 | 1,769.99 |
| 9   |       | 9   | 4,387.24 | 9   | 4,081.31 | 9   | 3,758.39 | 9   | 3,425.99 | 9   | 3,093.42 | 9   | 2,760.85 | 9   | 2,428.28 | 9   | 2,095.71 | 9   | 1,763.06 |
| 1/4 |       | 1/4 | 4,381.03 | 1/4 | 4,074.77 | 1/4 | 3,751.51 | 1/4 | 3,419.06 | 1/4 | 3,086.49 | 1/4 | 2,753.92 | 1/4 | 2,421.35 | 1/4 | 2,088.79 | 1/4 | 1,756.12 |
| 1/2 |       | 1/2 | 4,374.80 | 1/2 | 4,068.18 | 1/2 | 3,744.61 | 1/2 | 3,412.13 | 1/2 | 3,079.56 | 1/2 | 2,746.99 | 1/2 | 2,414.43 | 1/2 | 2,081.86 | 1/2 | 1,749.19 |
| 3/4 |       | 3/4 | 4,368.56 | 3/4 | 4,061.59 | 3/4 | 3,737.70 | 3/4 | 3,405.20 | 3/4 | 3,072.63 | 3/4 | 2,740.07 | 3/4 | 2,407.50 | 3/4 | 2,074.93 | 3/4 | 1,742.26 |
| 10  |       | 10  | 4,362.33 | 10  | 4,055.00 | 10  | 3,730.79 | 10  | 3,398.27 | 10  | 3,065.70 | 10  | 2,733.14 | 10  | 2,400.57 | 10  | 2,068.00 | 10  | 1,735.33 |
| 1/4 |       | 1/4 | 4,356.10 | 1/4 | 4,048.41 | 1/4 | 3,723.89 | 1/4 | 3,391.34 | 1/4 | 3,058.78 | 1/4 | 2,726.21 | 1/4 | 2,393.64 | 1/4 | 2,061.07 | 1/4 | 1,728.40 |
| 1/2 |       | 1/2 | 4,349.84 | 1/2 | 4,041.79 | 1/2 | 3,716.97 | 1/2 | 3,384.42 | 1/2 | 3,051.85 | 1/2 | 2,719.28 | 1/2 | 2,386.71 | 1/2 | 2,054.14 | 1/2 | 1,721.47 |
| 3/4 |       | 3/4 | 4,343.57 | 3/4 | 4,035.18 | 3/4 | 3,710.04 | 3/4 | 3,377.49 | 3/4 | 3,044.92 | 3/4 | 2,712.35 | 3/4 | 2,379.78 | 3/4 | 2,047.21 | 3/4 | 1,714.54 |
| 11  |       | 11  | 4,337.31 | 11  | 4,028.56 | 11  | 3,703.12 | 11  | 3,370.56 | 11  | 3,037.99 | 11  | 2,705.42 | 11  | 2,372.85 | 11  | 2,040.29 | 11  | 1,707.61 |
| 1/4 |       | 1/4 | 4,331.05 | 1/4 | 4,021.94 | 1/4 | 3,696.20 | 1/4 | 3,363.63 | 1/4 | 3,031.06 | 1/4 | 2,698.49 | 1/4 | 2,365.93 | 1/4 | 2,033.36 | 1/4 | 1,700.68 |
| 1/2 |       | 1/2 | 4,324.77 | 1/2 | 4,015.30 | 1/2 | 3,689.27 | 1/2 | 3,356.70 | 1/2 | 3,024.13 | 1/2 | 2,691.57 | 1/2 | 2,359.00 | 1/2 | 2,026.43 | 1/2 | 1,693.75 |
| 3/4 |       | 3/4 | 4,318.48 | 3/4 | 4,008.66 | 3/4 | 3,682.34 | 3/4 | 3,349.77 | 3/4 | 3,017.21 | 3/4 | 2,684.64 | 3/4 | 2,352.07 | 3/4 | 2,019.49 | 3/4 | 1,686.82 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 44'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "TMTB 107"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 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   | 1,679.89 | 0   | 1,347.21 | 0   | 1,015.16 | 0   | 698.71 | 0   | 406.01 | 0   | 133.60 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,672.95 | 1/4 | 1,340.28 | 1/4 | 1,008.33 | 1/4 | 692.36 | 1/4 | 400.09 | 1/4 | 128.14 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,666.02 | 1/2 | 1,333.35 | 1/2 | 1,001.53 | 1/2 | 686.05 | 1/2 | 394.22 | 1/2 | 122.73 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,659.09 | 3/4 | 1,326.41 | 3/4 | 994.73   | 3/4 | 679.73 | 3/4 | 388.34 | 3/4 | 117.31 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,652.16 | 1   | 1,319.48 | 1   | 987.94   | 1   | 673.42 | 1   | 382.46 | 1   | 111.90 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,645.23 | 1/4 | 1,312.55 | 1/4 | 981.14   | 1/4 | 667.11 | 1/4 | 376.59 | 1/4 | 106.48 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,638.30 | 1/2 | 1,305.62 | 1/2 | 974.38   | 1/2 | 660.84 | 1/2 | 370.75 | 1/2 | 101.10 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,631.37 | 3/4 | 1,298.69 | 3/4 | 967.62   | 3/4 | 654.56 | 3/4 | 364.91 | 3/4 | 95.72  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,624.44 | 2   | 1,291.76 | 2   | 960.87   | 2   | 648.29 | 2   | 359.07 | 2   | 90.34  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,617.51 | 1/4 | 1,284.83 | 1/4 | 954.11   | 1/4 | 642.02 | 1/4 | 353.23 | 1/4 | 84.97  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,610.58 | 1/2 | 1,277.90 | 1/2 | 947.39   | 1/2 | 635.79 | 1/2 | 347.43 | 1/2 | 79.63  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,603.65 | 3/4 | 1,270.97 | 3/4 | 940.67   | 3/4 | 629.57 | 3/4 | 341.63 | 3/4 | 74.29  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,596.72 | 3   | 1,264.04 | 3   | 933.95   | 3   | 623.35 | 3   | 335.83 | 3   | 68.95  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,589.79 | 1/4 | 1,257.11 | 1/4 | 927.23   | 1/4 | 617.12 | 1/4 | 330.04 | 1/4 | 63.61  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,582.85 | 1/2 | 1,250.18 | 1/2 | 920.55   | 1/2 | 610.95 | 1/2 | 324.27 | 1/2 | 58.31  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,575.92 | 3/4 | 1,243.25 | 3/4 | 913.86   | 3/4 | 604.77 | 3/4 | 318.51 | 3/4 | 53.00  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,568.99 | 4   | 1,236.31 | 4   | 907.18   | 4   | 598.60 | 4   | 312.75 | 4   | 47.70  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,562.06 | 1/4 | 1,229.38 | 1/4 | 900.50   | 1/4 | 592.43 | 1/4 | 306.99 | 1/4 | 42.40  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,555.13 | 1/2 | 1,222.45 | 1/2 | 893.86   | 1/2 | 586.29 | 1/2 | 301.27 | 1/2 | 37.72  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,548.20 | 3/4 | 1,215.52 | 3/4 | 887.21   | 3/4 | 580.15 | 3/4 | 295.54 | 3/4 | 33.03  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,541.27 | 5   | 1,208.59 | 5   | 880.57   | 5   | 574.02 | 5   | 289.82 | 5   | 28.35  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,534.34 | 1/4 | 1,201.66 | 1/4 | 873.93   | 1/4 | 567.88 | 1/4 | 284.10 | 1/4 | 23.66  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,527.41 | 1/2 | 1,194.73 | 1/2 | 867.32   | 1/2 | 561.79 | 1/2 | 278.41 | 1/2 | 20.31  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,520.48 | 3/4 | 1,187.80 | 3/4 | 860.72   | 3/4 | 555.69 | 3/4 | 272.73 | 3/4 | 16.96  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,513.55 | 6   | 1,180.87 | 6   | 854.11   | 6   | 549.59 | 6   | 267.04 | 6   | 13.61  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,506.62 | 1/4 | 1,173.94 | 1/4 | 847.51   | 1/4 | 543.49 | 1/4 | 261.36 | 1/4 | 10.26  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,499.68 | 1/2 | 1,167.01 | 1/2 | 840.94   | 1/2 | 537.43 | 1/2 | 255.71 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,492.75 | 3/4 | 1,160.08 | 3/4 | 834.37   | 3/4 | 531.37 | 3/4 | 250.07 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,485.82 | 7   | 1,153.14 | 7   | 827.81   | 7   | 525.32 | 7   | 244.42 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,478.89 | 1/4 | 1,146.21 | 1/4 | 821.24   | 1/4 | 519.26 | 1/4 | 238.77 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,471.96 | 1/2 | 1,139.28 | 1/2 | 814.71   | 1/2 | 513.24 | 1/2 | 233.16 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,465.03 | 3/4 | 1,132.35 | 3/4 | 808.18   | 3/4 | 507.22 | 3/4 | 227.56 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,458.10 | 8   | 1,125.42 | 8   | 801.66   | 8   | 501.19 | 8   | 221.95 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,451.17 | 1/4 | 1,118.49 | 1/4 | 795.13   | 1/4 | 495.17 | 1/4 | 216.34 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,444.24 | 1/2 | 1,111.56 | 1/2 | 788.64   | 1/2 | 489.19 | 1/2 | 210.77 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,437.31 | 3/4 | 1,104.64 | 3/4 | 782.15   | 3/4 | 483.21 | 3/4 | 205.20 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,430.38 | 9   | 1,097.71 | 9   | 775.66   | 9   | 477.23 | 9   | 199.63 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,423.45 | 1/4 | 1,090.79 | 1/4 | 769.17   | 1/4 | 471.24 | 1/4 | 194.06 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,416.52 | 1/2 | 1,083.88 | 1/2 | 762.72   | 1/2 | 465.30 | 1/2 | 188.53 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,409.58 | 3/4 | 1,076.97 | 3/4 | 756.27   | 3/4 | 459.36 | 3/4 | 183.00 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,402.65 | 10  | 1,070.07 | 10  | 749.81   | 10  | 453.41 | 10  | 177.47 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,395.72 | 1/4 | 1,063.16 | 1/4 | 743.36   | 1/4 | 447.47 | 1/4 | 171.94 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,388.79 | 1/2 | 1,056.29 | 1/2 | 736.96   | 1/2 | 441.54 | 1/2 | 166.44 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,381.86 | 3/4 | 1,049.41 | 3/4 | 730.56   | 3/4 | 435.61 | 3/4 | 160.95 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,374.93 | 11  | 1,042.54 | 11  | 724.16   | 11  | 429.68 | 11  | 155.46 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,368.00 | 1/4 | 1,035.67 | 1/4 | 717.76   | 1/4 | 423.75 | 1/4 | 149.96 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,361.07 | 1/2 | 1,028.83 | 1/2 | 711.41   | 1/2 | 417.84 | 1/2 | 144.51 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,354.14 | 3/4 | 1,022.00 | 3/4 | 705.06   | 3/4 | 411.92 | 3/4 | 139.05 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588  
<http://www.pmacorp.net>



# BARGE "TMTB 107"

## 2 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-06"

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   | 5,557.13 | 0   | 5,206.02 | 0   | 4,843.52 | 0   | 4,462.16 | 0   | 4,074.18 | 0   | 3,686.20 | 0   | 3,298.22 | 0   | 2,910.24 | 0   | 2,522.25 |
| 1/4 |       | 1/4 | 5,550.80 | 1/4 | 5,198.65 | 1/4 | 4,835.74 | 1/4 | 4,454.07 | 1/4 | 4,066.09 | 1/4 | 3,678.11 | 1/4 | 3,290.14 | 1/4 | 2,902.16 | 1/4 | 2,514.16 |
| 1/2 |       | 1/2 | 5,544.46 | 1/2 | 5,191.28 | 1/2 | 4,827.96 | 1/2 | 4,445.99 | 1/2 | 4,058.01 | 1/2 | 3,670.03 | 1/2 | 3,282.05 | 1/2 | 2,894.07 | 1/2 | 2,506.08 |
| 3/4 |       | 3/4 | 5,538.13 | 3/4 | 5,183.91 | 3/4 | 4,820.18 | 3/4 | 4,437.91 | 3/4 | 4,049.93 | 3/4 | 3,661.95 | 3/4 | 3,273.97 | 3/4 | 2,885.99 | 3/4 | 2,497.99 |
| 1   |       | 1   | 5,531.80 | 1   | 5,176.54 | 1   | 4,812.40 | 1   | 4,429.82 | 1   | 4,041.85 | 1   | 3,653.87 | 1   | 3,265.89 | 1   | 2,877.91 | 1   | 2,489.91 |
| 1/4 |       | 1/4 | 5,524.25 | 1/4 | 5,169.13 | 1/4 | 4,804.59 | 1/4 | 4,421.74 | 1/4 | 4,033.76 | 1/4 | 3,645.78 | 1/4 | 3,257.80 | 1/4 | 2,869.82 | 1/4 | 2,481.82 |
| 1/2 |       | 1/2 | 5,516.70 | 1/2 | 5,161.73 | 1/2 | 4,796.78 | 1/2 | 4,413.66 | 1/2 | 4,025.68 | 1/2 | 3,637.70 | 1/2 | 3,249.72 | 1/2 | 2,861.74 | 1/2 | 2,473.74 |
| 3/4 |       | 3/4 | 5,509.16 | 3/4 | 5,154.33 | 3/4 | 4,788.97 | 3/4 | 4,405.58 | 3/4 | 4,017.60 | 3/4 | 3,629.62 | 3/4 | 3,241.64 | 3/4 | 2,853.66 | 3/4 | 2,465.65 |
| 2   |       | 2   | 5,501.61 | 2   | 5,146.93 | 2   | 4,781.16 | 2   | 4,397.49 | 2   | 4,009.51 | 2   | 3,621.53 | 2   | 3,233.56 | 2   | 2,845.58 | 2   | 2,457.56 |
| 1/4 |       | 1/4 | 5,493.67 | 1/4 | 5,139.49 | 1/4 | 4,773.32 | 1/4 | 4,389.41 | 1/4 | 4,001.43 | 1/4 | 3,613.45 | 1/4 | 3,225.47 | 1/4 | 2,837.49 | 1/4 | 2,449.48 |
| 1/2 |       | 1/2 | 5,485.72 | 1/2 | 5,132.06 | 1/2 | 4,765.48 | 1/2 | 4,381.33 | 1/2 | 3,993.35 | 1/2 | 3,605.37 | 1/2 | 3,217.39 | 1/2 | 2,829.41 | 1/2 | 2,441.39 |
| 3/4 |       | 3/4 | 5,477.77 | 3/4 | 5,124.63 | 3/4 | 4,757.63 | 3/4 | 4,373.24 | 3/4 | 3,985.26 | 3/4 | 3,597.29 | 3/4 | 3,209.31 | 3/4 | 2,821.33 | 3/4 | 2,433.31 |
| 3   |       | 3   | 5,469.82 | 3   | 5,117.19 | 3   | 4,749.79 | 3   | 4,365.16 | 3   | 3,977.18 | 3   | 3,589.20 | 3   | 3,201.22 | 3   | 2,813.24 | 3   | 2,425.22 |
| 1/4 |       | 1/4 | 5,461.87 | 1/4 | 5,109.73 | 1/4 | 4,741.92 | 1/4 | 4,357.08 | 1/4 | 3,969.10 | 1/4 | 3,581.12 | 1/4 | 3,193.14 | 1/4 | 2,805.16 | 1/4 | 2,417.14 |
| 1/2 |       | 1/2 | 5,453.93 | 1/2 | 5,102.27 | 1/2 | 4,734.05 | 1/2 | 4,349.00 | 1/2 | 3,961.02 | 1/2 | 3,573.04 | 1/2 | 3,185.06 | 1/2 | 2,797.08 | 1/2 | 2,409.05 |
| 3/4 |       | 3/4 | 5,445.98 | 3/4 | 5,094.80 | 3/4 | 4,726.18 | 3/4 | 4,340.91 | 3/4 | 3,952.93 | 3/4 | 3,564.95 | 3/4 | 3,176.97 | 3/4 | 2,789.00 | 3/4 | 2,400.97 |
| 4   |       | 4   | 5,438.03 | 4   | 5,087.34 | 4   | 4,718.31 | 4   | 4,332.83 | 4   | 3,944.85 | 4   | 3,556.87 | 4   | 3,168.89 | 4   | 2,780.91 | 4   | 2,392.88 |
| 1/4 |       | 1/4 | 5,430.53 | 1/4 | 5,079.84 | 1/4 | 4,710.40 | 1/4 | 4,324.75 | 1/4 | 3,936.77 | 1/4 | 3,548.79 | 1/4 | 3,160.81 | 1/4 | 2,772.83 | 1/4 | 2,384.80 |
| 1/2 |       | 1/2 | 5,423.04 | 1/2 | 5,072.35 | 1/2 | 4,702.50 | 1/2 | 4,316.66 | 1/2 | 3,928.68 | 1/2 | 3,540.71 | 1/2 | 3,152.73 | 1/2 | 2,764.75 | 1/2 | 2,376.71 |
| 3/4 |       | 3/4 | 5,415.54 | 3/4 | 5,064.86 | 3/4 | 4,694.60 | 3/4 | 4,308.58 | 3/4 | 3,920.60 | 3/4 | 3,532.62 | 3/4 | 3,144.64 | 3/4 | 2,756.66 | 3/4 | 2,368.63 |
| 5   |       | 5   | 5,408.04 | 5   | 5,057.36 | 5   | 4,686.70 | 5   | 4,300.50 | 5   | 3,912.52 | 5   | 3,524.54 | 5   | 3,136.56 | 5   | 2,748.58 | 5   | 2,360.54 |
| 1/4 |       | 1/4 | 5,400.98 | 1/4 | 5,049.84 | 1/4 | 4,678.76 | 1/4 | 4,292.42 | 1/4 | 3,904.44 | 1/4 | 3,516.46 | 1/4 | 3,128.48 | 1/4 | 2,740.50 | 1/4 | 2,352.46 |
| 1/2 |       | 1/2 | 5,393.92 | 1/2 | 5,042.31 | 1/2 | 4,670.83 | 1/2 | 4,284.33 | 1/2 | 3,896.35 | 1/2 | 3,508.37 | 1/2 | 3,120.39 | 1/2 | 2,732.42 | 1/2 | 2,344.37 |
| 3/4 |       | 3/4 | 5,386.86 | 3/4 | 5,034.79 | 3/4 | 4,662.90 | 3/4 | 4,276.25 | 3/4 | 3,888.27 | 3/4 | 3,500.29 | 3/4 | 3,112.31 | 3/4 | 2,724.33 | 3/4 | 2,336.29 |
| 6   |       | 6   | 5,379.79 | 6   | 5,027.26 | 6   | 4,654.96 | 6   | 4,268.17 | 6   | 3,880.19 | 6   | 3,492.21 | 6   | 3,104.23 | 6   | 2,716.25 | 6   | 2,328.20 |
| 1/4 |       | 1/4 | 5,372.70 | 1/4 | 5,019.70 | 1/4 | 4,647.00 | 1/4 | 4,260.08 | 1/4 | 3,872.10 | 1/4 | 3,484.13 | 1/4 | 3,096.15 | 1/4 | 2,708.17 | 1/4 | 2,320.12 |
| 1/2 |       | 1/2 | 5,365.61 | 1/2 | 5,012.15 | 1/2 | 4,639.03 | 1/2 | 4,252.00 | 1/2 | 3,864.02 | 1/2 | 3,476.04 | 1/2 | 3,088.06 | 1/2 | 2,700.08 | 1/2 | 2,312.03 |
| 3/4 |       | 3/4 | 5,358.52 | 3/4 | 5,004.59 | 3/4 | 4,631.07 | 3/4 | 4,243.92 | 3/4 | 3,855.94 | 3/4 | 3,467.96 | 3/4 | 3,079.98 | 3/4 | 2,692.00 | 3/4 | 2,303.95 |
| 7   |       | 7   | 5,351.42 | 7   | 4,997.04 | 7   | 4,623.11 | 7   | 4,235.83 | 7   | 3,847.86 | 7   | 3,459.88 | 7   | 3,071.90 | 7   | 2,683.92 | 7   | 2,295.86 |
| 1/4 |       | 1/4 | 5,344.25 | 1/4 | 4,989.45 | 1/4 | 4,615.11 | 1/4 | 4,227.75 | 1/4 | 3,839.77 | 1/4 | 3,451.79 | 1/4 | 3,063.81 | 1/4 | 2,675.84 | 1/4 | 2,287.78 |
| 1/2 |       | 1/2 | 5,337.08 | 1/2 | 4,981.86 | 1/2 | 4,607.12 | 1/2 | 4,219.67 | 1/2 | 3,831.69 | 1/2 | 3,443.71 | 1/2 | 3,055.73 | 1/2 | 2,667.75 | 1/2 | 2,279.69 |
| 3/4 |       | 3/4 | 5,329.91 | 3/4 | 4,974.28 | 3/4 | 4,599.12 | 3/4 | 4,211.59 | 3/4 | 3,823.61 | 3/4 | 3,435.63 | 3/4 | 3,047.65 | 3/4 | 2,659.67 | 3/4 | 2,271.61 |
| 8   |       | 8   | 5,322.74 | 8   | 4,966.69 | 8   | 4,591.13 | 8   | 4,203.50 | 8   | 3,815.52 | 8   | 3,427.54 | 8   | 3,039.57 | 8   | 2,651.59 | 8   | 2,263.52 |
| 1/4 |       | 1/4 | 5,315.49 | 1/4 | 4,959.05 | 1/4 | 4,583.10 | 1/4 | 4,195.42 | 1/4 | 3,807.44 | 1/4 | 3,419.46 | 1/4 | 3,031.48 | 1/4 | 2,643.50 | 1/4 | 2,255.43 |
| 1/2 |       | 1/2 | 5,308.24 | 1/2 | 4,951.42 | 1/2 | 4,575.08 | 1/2 | 4,187.34 | 1/2 | 3,799.36 | 1/2 | 3,411.38 | 1/2 | 3,023.40 | 1/2 | 2,635.42 | 1/2 | 2,247.35 |
| 3/4 |       | 3/4 | 5,301.00 | 3/4 | 4,943.78 | 3/4 | 4,567.05 | 3/4 | 4,179.25 | 3/4 | 3,791.28 | 3/4 | 3,403.30 | 3/4 | 3,015.32 | 3/4 | 2,627.34 | 3/4 | 2,239.26 |
| 9   |       | 9   | 5,293.75 | 9   | 4,936.14 | 9   | 4,559.03 | 9   | 4,171.17 | 9   | 3,783.19 | 9   | 3,395.21 | 9   | 3,007.23 | 9   | 2,619.25 | 9   | 2,231.18 |
| 1/4 |       | 1/4 | 5,286.47 | 1/4 | 4,928.45 | 1/4 | 4,550.97 | 1/4 | 4,163.09 | 1/4 | 3,775.11 | 1/4 | 3,387.13 | 1/4 | 2,999.15 | 1/4 | 2,611.17 | 1/4 | 2,223.09 |
| 1/2 |       | 1/2 | 5,279.19 | 1/2 | 4,920.77 | 1/2 | 4,542.91 | 1/2 | 4,155.01 | 1/2 | 3,767.03 | 1/2 | 3,379.05 | 1/2 | 2,991.07 | 1/2 | 2,603.09 | 1/2 | 2,215.01 |
| 3/4 |       | 3/4 | 5,271.91 | 3/4 | 4,913.08 | 3/4 | 4,534.86 | 3/4 | 4,146.92 | 3/4 | 3,758.94 | 3/4 | 3,370.96 | 3/4 | 2,982.99 | 3/4 | 2,595.01 | 3/4 | 2,206.92 |
| 10  |       | 10  | 5,264.63 | 10  | 4,905.39 | 10  | 4,526.80 | 10  | 4,138.84 | 10  | 3,750.86 | 10  | 3,362.88 | 10  | 2,974.90 | 10  | 2,586.92 | 10  | 2,198.84 |
| 1/4 |       | 1/4 | 5,257.32 | 1/4 | 4,897.67 | 1/4 | 4,518.72 | 1/4 | 4,130.76 | 1/4 | 3,742.78 | 1/4 | 3,354.80 | 1/4 | 2,966.82 | 1/4 | 2,578.84 | 1/4 | 2,190.75 |
| 1/2 |       | 1/2 | 5,250.01 | 1/2 | 4,889.95 | 1/2 | 4,510.64 | 1/2 | 4,122.67 | 1/2 | 3,734.69 | 1/2 | 3,346.72 | 1/2 | 2,958.74 | 1/2 | 2,570.76 | 1/2 | 2,182.67 |
| 3/4 |       | 3/4 | 5,242.70 | 3/4 | 4,882.24 | 3/4 | 4,502.57 | 3/4 | 4,114.59 | 3/4 | 3,726.61 | 3/4 | 3,338.63 | 3/4 | 2,950.65 | 3/4 | 2,562.67 | 3/4 | 2,174.58 |
| 11  |       | 11  | 5,235.39 | 11  | 4,874.52 | 11  | 4,494.49 | 11  | 4,106.51 | 11  | 3,718.53 | 11  | 3,330.55 | 11  | 2,942.57 | 11  | 2,554.59 | 11  | 2,166.50 |
| 1/4 |       | 1/4 | 5,228.05 | 1/4 | 4,866.77 | 1/4 | 4,486.40 | 1/4 | 4,098.43 | 1/4 | 3,710.45 | 1/4 | 3,322.47 | 1/4 | 2,934.49 | 1/4 | 2,546.50 | 1/4 | 2,158.41 |
| 1/2 |       | 1/2 | 5,220.70 | 1/2 | 4,859.02 | 1/2 | 4,478.32 | 1/2 | 4,090.34 | 1/2 | 3,702.36 | 1/2 | 3,314.38 | 1/2 | 2,926.41 | 1/2 | 2,538.42 | 1/2 | 2,150.33 |
| 3/4 |       | 3/4 | 5,213.36 | 3/4 | 4,851.27 | 3/4 | 4,470.24 | 3/4 | 4,082.26 | 3/4 | 3,694.28 | 3/4 | 3,306.30 | 3/4 | 2,918.32 | 3/4 | 2,530.33 | 3/4 | 2,142.24 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-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 "TMTB 107"

## 2 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-06"

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   | 2,134.16 | 0   | 1,746.07 | 0   | 1,357.98 | 0   | 969.89 | 0   | 582.53 | 0   | 194.45 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,126.07 | 1/4 | 1,737.98 | 1/4 | 1,349.89 | 1/4 | 961.80 | 1/4 | 574.44 | 1/4 | 186.36 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,117.99 | 1/2 | 1,729.90 | 1/2 | 1,341.81 | 1/2 | 953.72 | 1/2 | 566.36 | 1/2 | 178.28 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,109.90 | 3/4 | 1,721.81 | 3/4 | 1,333.72 | 3/4 | 945.63 | 3/4 | 558.27 | 3/4 | 170.19 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 2,101.82 | 1   | 1,713.73 | 1   | 1,325.64 | 1   | 937.55 | 1   | 550.19 | 1   | 162.11 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,093.73 | 1/4 | 1,705.64 | 1/4 | 1,317.55 | 1/4 | 929.46 | 1/4 | 542.10 | 1/4 | 154.02 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,085.65 | 1/2 | 1,697.56 | 1/2 | 1,309.47 | 1/2 | 921.38 | 1/2 | 534.02 | 1/2 | 145.94 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,077.56 | 3/4 | 1,689.47 | 3/4 | 1,301.38 | 3/4 | 913.29 | 3/4 | 525.93 | 3/4 | 137.85 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 2,069.48 | 2   | 1,681.39 | 2   | 1,293.30 | 2   | 905.21 | 2   | 517.85 | 2   | 129.77 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,061.39 | 1/4 | 1,673.30 | 1/4 | 1,285.21 | 1/4 | 897.13 | 1/4 | 509.76 | 1/4 | 121.68 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,053.30 | 1/2 | 1,665.22 | 1/2 | 1,277.13 | 1/2 | 889.06 | 1/2 | 501.68 | 1/2 | 113.60 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,045.22 | 3/4 | 1,657.13 | 3/4 | 1,269.04 | 3/4 | 880.98 | 3/4 | 493.59 | 3/4 | 105.51 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 2,037.13 | 3   | 1,649.04 | 3   | 1,260.96 | 3   | 872.91 | 3   | 485.51 | 3   | 97.43  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,029.05 | 1/4 | 1,640.96 | 1/4 | 1,252.87 | 1/4 | 864.85 | 1/4 | 477.42 | 1/4 | 89.34  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,020.96 | 1/2 | 1,632.87 | 1/2 | 1,244.78 | 1/2 | 856.78 | 1/2 | 469.34 | 1/2 | 81.26  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,012.88 | 3/4 | 1,624.79 | 3/4 | 1,236.70 | 3/4 | 848.72 | 3/4 | 461.25 | 3/4 | 73.17  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 2,004.79 | 4   | 1,616.70 | 4   | 1,228.61 | 4   | 840.66 | 4   | 453.17 | 4   | 65.09  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,996.71 | 1/4 | 1,608.62 | 1/4 | 1,220.53 | 1/4 | 832.60 | 1/4 | 445.08 | 1/4 | 57.68  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,988.62 | 1/2 | 1,600.53 | 1/2 | 1,212.44 | 1/2 | 824.53 | 1/2 | 437.00 | 1/2 | 50.26  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,980.54 | 3/4 | 1,592.45 | 3/4 | 1,204.36 | 3/4 | 816.47 | 3/4 | 428.91 | 3/4 | 42.85  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,972.45 | 5   | 1,584.36 | 5   | 1,196.27 | 5   | 808.41 | 5   | 420.83 | 5   | 35.44  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,964.37 | 1/4 | 1,576.28 | 1/4 | 1,188.19 | 1/4 | 800.35 | 1/4 | 412.74 | 1/4 | 30.05  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,956.28 | 1/2 | 1,568.19 | 1/2 | 1,180.10 | 1/2 | 792.28 | 1/2 | 404.66 | 1/2 | 24.66  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,948.20 | 3/4 | 1,560.11 | 3/4 | 1,172.02 | 3/4 | 784.22 | 3/4 | 396.57 | 3/4 | 19.27  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,940.11 | 6   | 1,552.02 | 6   | 1,163.93 | 6   | 776.16 | 6   | 388.49 | 6   | 13.89  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,932.03 | 1/4 | 1,543.94 | 1/4 | 1,155.85 | 1/4 | 768.10 | 1/4 | 380.40 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,923.94 | 1/2 | 1,535.85 | 1/2 | 1,147.76 | 1/2 | 760.03 | 1/2 | 372.32 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,915.86 | 3/4 | 1,527.77 | 3/4 | 1,139.68 | 3/4 | 751.97 | 3/4 | 364.23 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,907.77 | 7   | 1,519.68 | 7   | 1,131.59 | 7   | 743.91 | 7   | 356.15 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,899.69 | 1/4 | 1,511.60 | 1/4 | 1,123.51 | 1/4 | 735.85 | 1/4 | 348.06 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,891.60 | 1/2 | 1,503.51 | 1/2 | 1,115.42 | 1/2 | 727.78 | 1/2 | 339.98 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,883.52 | 3/4 | 1,495.43 | 3/4 | 1,107.34 | 3/4 | 719.72 | 3/4 | 331.89 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,875.43 | 8   | 1,487.34 | 8   | 1,099.25 | 8   | 711.66 | 8   | 323.81 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,867.35 | 1/4 | 1,479.26 | 1/4 | 1,091.17 | 1/4 | 703.60 | 1/4 | 315.72 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,859.26 | 1/2 | 1,471.17 | 1/2 | 1,083.08 | 1/2 | 695.53 | 1/2 | 307.64 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,851.17 | 3/4 | 1,463.09 | 3/4 | 1,075.00 | 3/4 | 687.47 | 3/4 | 299.55 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,843.09 | 9   | 1,455.00 | 9   | 1,066.91 | 9   | 679.41 | 9   | 291.47 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,835.00 | 1/4 | 1,446.91 | 1/4 | 1,058.83 | 1/4 | 671.35 | 1/4 | 283.38 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,826.92 | 1/2 | 1,438.83 | 1/2 | 1,050.74 | 1/2 | 663.28 | 1/2 | 275.30 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,818.83 | 3/4 | 1,430.74 | 3/4 | 1,042.65 | 3/4 | 655.22 | 3/4 | 267.21 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,810.75 | 10  | 1,422.66 | 10  | 1,034.57 | 10  | 647.16 | 10  | 259.13 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,802.66 | 1/4 | 1,414.57 | 1/4 | 1,026.48 | 1/4 | 639.09 | 1/4 | 251.04 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,794.58 | 1/2 | 1,406.49 | 1/2 | 1,018.40 | 1/2 | 631.01 | 1/2 | 242.96 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,786.49 | 3/4 | 1,398.40 | 3/4 | 1,010.31 | 3/4 | 622.94 | 3/4 | 234.87 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,778.41 | 11  | 1,390.32 | 11  | 1,002.23 | 11  | 614.87 | 11  | 226.79 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,770.32 | 1/4 | 1,382.23 | 1/4 | 994.14   | 1/4 | 606.78 | 1/4 | 218.70 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,762.24 | 1/2 | 1,374.15 | 1/2 | 986.06   | 1/2 | 598.70 | 1/2 | 210.62 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,754.15 | 3/4 | 1,366.06 | 3/4 | 977.97   | 3/4 | 590.61 | 3/4 | 202.53 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

PRECISION MEASUREMENT  
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# BARGE "TMTB 107"

## 2 STBD ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |          | 0   | 5,219.87 | 0   | 4,859.00 | 0   | 4,479.00 | 0   | 4,091.06 | 0   | 3,703.13 | 0   | 3,315.19 | 0   | 2,927.25 | 0   | 2,539.32 |
| 1/4 |       | 1/4 |          | 1/4 | 5,212.53 | 1/4 | 4,851.25 | 1/4 | 4,470.92 | 1/4 | 4,082.98 | 1/4 | 3,695.04 | 1/4 | 3,307.11 | 1/4 | 2,919.17 | 1/4 | 2,531.23 |
| 1/2 |       | 1/2 |          | 1/2 | 5,205.19 | 1/2 | 4,843.51 | 1/2 | 4,462.83 | 1/2 | 4,074.90 | 1/2 | 3,686.96 | 1/2 | 3,299.03 | 1/2 | 2,911.09 | 1/2 | 2,523.15 |
| 3/4 |       | 3/4 |          | 3/4 | 5,197.85 | 3/4 | 4,835.76 | 3/4 | 4,454.75 | 3/4 | 4,066.82 | 3/4 | 3,678.88 | 3/4 | 3,290.94 | 3/4 | 2,903.01 | 3/4 | 2,515.06 |
| 1   |       | 1   | 5,541.62 | 1   | 5,190.51 | 1   | 4,828.01 | 1   | 4,446.67 | 1   | 4,058.73 | 1   | 3,670.80 | 1   | 3,282.86 | 1   | 2,894.93 | 1   | 2,506.98 |
| 1/4 |       | 1/4 | 5,535.29 | 1/4 | 5,183.14 | 1/4 | 4,820.23 | 1/4 | 4,438.59 | 1/4 | 4,050.65 | 1/4 | 3,662.72 | 1/4 | 3,274.78 | 1/4 | 2,886.84 | 1/4 | 2,498.90 |
| 1/2 |       | 1/2 | 5,528.95 | 1/2 | 5,175.77 | 1/2 | 4,812.45 | 1/2 | 4,430.51 | 1/2 | 4,042.57 | 1/2 | 3,654.63 | 1/2 | 3,266.70 | 1/2 | 2,878.76 | 1/2 | 2,490.81 |
| 3/4 |       | 3/4 | 5,522.62 | 3/4 | 5,168.39 | 3/4 | 4,804.67 | 3/4 | 4,422.42 | 3/4 | 4,034.49 | 3/4 | 3,646.55 | 3/4 | 3,258.62 | 3/4 | 2,870.68 | 3/4 | 2,482.73 |
| 2   |       | 2   | 5,516.29 | 2   | 5,161.02 | 2   | 4,796.89 | 2   | 4,414.34 | 2   | 4,026.41 | 2   | 3,638.47 | 2   | 3,250.53 | 2   | 2,862.60 | 2   | 2,474.64 |
| 1/4 |       | 1/4 | 5,508.74 | 1/4 | 5,153.62 | 1/4 | 4,789.08 | 1/4 | 4,406.26 | 1/4 | 4,018.32 | 1/4 | 3,630.39 | 1/4 | 3,242.45 | 1/4 | 2,854.52 | 1/4 | 2,466.56 |
| 1/2 |       | 1/2 | 5,501.20 | 1/2 | 5,146.22 | 1/2 | 4,781.27 | 1/2 | 4,398.18 | 1/2 | 4,010.24 | 1/2 | 3,622.31 | 1/2 | 3,234.37 | 1/2 | 2,846.43 | 1/2 | 2,458.47 |
| 3/4 |       | 3/4 | 5,493.66 | 3/4 | 5,138.81 | 3/4 | 4,773.46 | 3/4 | 4,390.10 | 3/4 | 4,002.16 | 3/4 | 3,614.22 | 3/4 | 3,226.29 | 3/4 | 2,838.35 | 3/4 | 2,450.39 |
| 3   |       | 3   | 5,486.11 | 3   | 5,131.41 | 3   | 4,765.65 | 3   | 4,382.01 | 3   | 3,994.08 | 3   | 3,606.14 | 3   | 3,218.21 | 3   | 2,830.27 | 3   | 2,442.31 |
| 1/4 |       | 1/4 | 5,478.16 | 1/4 | 5,123.98 | 1/4 | 4,757.81 | 1/4 | 4,373.93 | 1/4 | 3,986.00 | 1/4 | 3,598.06 | 1/4 | 3,210.12 | 1/4 | 2,822.19 | 1/4 | 2,434.22 |
| 1/2 |       | 1/2 | 5,470.22 | 1/2 | 5,116.54 | 1/2 | 4,749.97 | 1/2 | 4,365.85 | 1/2 | 3,977.91 | 1/2 | 3,589.98 | 1/2 | 3,202.04 | 1/2 | 2,814.11 | 1/2 | 2,426.14 |
| 3/4 |       | 3/4 | 5,462.27 | 3/4 | 5,109.11 | 3/4 | 4,742.13 | 3/4 | 4,357.77 | 3/4 | 3,969.83 | 3/4 | 3,581.90 | 3/4 | 3,193.96 | 3/4 | 2,806.02 | 3/4 | 2,418.05 |
| 4   |       | 4   | 5,454.32 | 4   | 5,101.68 | 4   | 4,734.29 | 4   | 4,349.69 | 4   | 3,961.75 | 4   | 3,573.81 | 4   | 3,185.88 | 4   | 2,797.94 | 4   | 2,409.97 |
| 1/4 |       | 1/4 | 5,446.38 | 1/4 | 5,094.21 | 1/4 | 4,726.42 | 1/4 | 4,341.60 | 1/4 | 3,953.67 | 1/4 | 3,565.73 | 1/4 | 3,177.80 | 1/4 | 2,789.86 | 1/4 | 2,401.88 |
| 1/2 |       | 1/2 | 5,438.43 | 1/2 | 5,086.75 | 1/2 | 4,718.54 | 1/2 | 4,333.52 | 1/2 | 3,945.59 | 1/2 | 3,557.65 | 1/2 | 3,169.71 | 1/2 | 2,781.78 | 1/2 | 2,393.80 |
| 3/4 |       | 3/4 | 5,430.48 | 3/4 | 5,079.29 | 3/4 | 4,710.67 | 3/4 | 4,325.44 | 3/4 | 3,937.50 | 3/4 | 3,549.57 | 3/4 | 3,161.63 | 3/4 | 2,773.70 | 3/4 | 2,385.72 |
| 5   |       | 5   | 5,422.53 | 5   | 5,071.82 | 5   | 4,702.80 | 5   | 4,317.36 | 5   | 3,929.42 | 5   | 3,541.49 | 5   | 3,153.55 | 5   | 2,765.61 | 5   | 2,377.63 |
| 1/4 |       | 1/4 | 5,415.04 | 1/4 | 5,064.33 | 1/4 | 4,694.90 | 1/4 | 4,309.28 | 1/4 | 3,921.34 | 1/4 | 3,533.40 | 1/4 | 3,145.47 | 1/4 | 2,757.53 | 1/4 | 2,369.55 |
| 1/2 |       | 1/2 | 5,407.54 | 1/2 | 5,056.83 | 1/2 | 4,687.00 | 1/2 | 4,301.19 | 1/2 | 3,913.26 | 1/2 | 3,525.32 | 1/2 | 3,137.39 | 1/2 | 2,749.45 | 1/2 | 2,361.46 |
| 3/4 |       | 3/4 | 5,400.04 | 3/4 | 5,049.34 | 3/4 | 4,679.09 | 3/4 | 4,293.11 | 3/4 | 3,905.18 | 3/4 | 3,517.24 | 3/4 | 3,129.30 | 3/4 | 2,741.37 | 3/4 | 2,353.38 |
| 6   |       | 6   | 5,392.54 | 6   | 5,041.84 | 6   | 4,671.19 | 6   | 4,285.03 | 6   | 3,897.09 | 6   | 3,509.16 | 6   | 3,121.22 | 6   | 2,733.29 | 6   | 2,345.29 |
| 1/4 |       | 1/4 | 5,385.48 | 1/4 | 5,034.32 | 1/4 | 4,663.26 | 1/4 | 4,276.95 | 1/4 | 3,889.01 | 1/4 | 3,501.08 | 1/4 | 3,113.14 | 1/4 | 2,725.20 | 1/4 | 2,337.21 |
| 1/2 |       | 1/2 | 5,378.42 | 1/2 | 5,026.79 | 1/2 | 4,655.33 | 1/2 | 4,268.87 | 1/2 | 3,880.93 | 1/2 | 3,492.99 | 1/2 | 3,105.06 | 1/2 | 2,717.12 | 1/2 | 2,329.13 |
| 3/4 |       | 3/4 | 5,371.36 | 3/4 | 5,019.27 | 3/4 | 4,647.39 | 3/4 | 4,260.78 | 3/4 | 3,872.85 | 3/4 | 3,484.91 | 3/4 | 3,096.98 | 3/4 | 2,709.04 | 3/4 | 2,321.04 |
| 7   |       | 7   | 5,364.29 | 7   | 5,011.74 | 7   | 4,639.46 | 7   | 4,252.70 | 7   | 3,864.77 | 7   | 3,476.83 | 7   | 3,088.89 | 7   | 2,700.96 | 7   | 2,312.96 |
| 1/4 |       | 1/4 | 5,357.20 | 1/4 | 5,004.19 | 1/4 | 4,631.50 | 1/4 | 4,244.62 | 1/4 | 3,856.68 | 1/4 | 3,468.75 | 1/4 | 3,080.81 | 1/4 | 2,692.88 | 1/4 | 2,304.87 |
| 1/2 |       | 1/2 | 5,350.11 | 1/2 | 4,996.63 | 1/2 | 4,623.54 | 1/2 | 4,236.54 | 1/2 | 3,848.60 | 1/2 | 3,460.67 | 1/2 | 3,072.73 | 1/2 | 2,684.79 | 1/2 | 2,296.79 |
| 3/4 |       | 3/4 | 5,343.01 | 3/4 | 4,989.08 | 3/4 | 4,615.57 | 3/4 | 4,228.46 | 3/4 | 3,840.52 | 3/4 | 3,452.58 | 3/4 | 3,064.65 | 3/4 | 2,676.71 | 3/4 | 2,288.70 |
| 8   |       | 8   | 5,335.92 | 8   | 4,981.52 | 8   | 4,607.61 | 8   | 4,220.37 | 8   | 3,832.44 | 8   | 3,444.50 | 8   | 3,056.57 | 8   | 2,668.63 | 8   | 2,280.62 |
| 1/4 |       | 1/4 | 5,328.75 | 1/4 | 4,973.93 | 1/4 | 4,599.61 | 1/4 | 4,212.29 | 1/4 | 3,824.36 | 1/4 | 3,436.42 | 1/4 | 3,048.48 | 1/4 | 2,660.55 | 1/4 | 2,272.54 |
| 1/2 |       | 1/2 | 5,321.58 | 1/2 | 4,966.35 | 1/2 | 4,591.62 | 1/2 | 4,204.21 | 1/2 | 3,816.27 | 1/2 | 3,428.34 | 1/2 | 3,040.40 | 1/2 | 2,652.47 | 1/2 | 2,264.45 |
| 3/4 |       | 3/4 | 5,314.41 | 3/4 | 4,958.76 | 3/4 | 4,583.63 | 3/4 | 4,196.13 | 3/4 | 3,808.19 | 3/4 | 3,420.26 | 3/4 | 3,032.32 | 3/4 | 2,644.38 | 3/4 | 2,256.37 |
| 9   |       | 9   | 5,307.24 | 9   | 4,951.17 | 9   | 4,575.63 | 9   | 4,188.05 | 9   | 3,800.11 | 9   | 3,412.17 | 9   | 3,024.24 | 9   | 2,636.30 | 9   | 2,248.28 |
| 1/4 |       | 1/4 | 5,299.99 | 1/4 | 4,943.54 | 1/4 | 4,567.61 | 1/4 | 4,179.96 | 1/4 | 3,792.03 | 1/4 | 3,404.09 | 1/4 | 3,016.16 | 1/4 | 2,628.22 | 1/4 | 2,240.20 |
| 1/2 |       | 1/2 | 5,292.74 | 1/2 | 4,935.90 | 1/2 | 4,559.58 | 1/2 | 4,171.88 | 1/2 | 3,783.95 | 1/2 | 3,396.01 | 1/2 | 3,008.07 | 1/2 | 2,620.14 | 1/2 | 2,232.11 |
| 3/4 |       | 3/4 | 5,285.49 | 3/4 | 4,928.26 | 3/4 | 4,551.56 | 3/4 | 4,163.80 | 3/4 | 3,775.86 | 3/4 | 3,387.93 | 3/4 | 2,999.99 | 3/4 | 2,612.06 | 3/4 | 2,224.03 |
| 10  |       | 10  | 5,278.24 | 10  | 4,920.63 | 10  | 4,543.53 | 10  | 4,155.72 | 10  | 3,767.78 | 10  | 3,379.85 | 10  | 2,991.91 | 10  | 2,603.97 | 10  | 2,215.95 |
| 1/4 |       | 1/4 | 5,270.96 | 1/4 | 4,912.94 | 1/4 | 4,535.48 | 1/4 | 4,147.64 | 1/4 | 3,759.70 | 1/4 | 3,371.76 | 1/4 | 2,983.83 | 1/4 | 2,595.89 | 1/4 | 2,207.86 |
| 1/2 |       | 1/2 | 5,263.68 | 1/2 | 4,905.25 | 1/2 | 4,527.42 | 1/2 | 4,139.55 | 1/2 | 3,751.62 | 1/2 | 3,363.68 | 1/2 | 2,975.75 | 1/2 | 2,587.81 | 1/2 | 2,199.78 |
| 3/4 |       | 3/4 | 5,256.40 | 3/4 | 4,897.56 | 3/4 | 4,519.37 | 3/4 | 4,131.47 | 3/4 | 3,743.54 | 3/4 | 3,355.60 | 3/4 | 2,967.66 | 3/4 | 2,579.73 | 3/4 | 2,191.69 |
| 11  |       | 11  | 5,249.12 | 11  | 4,889.88 | 11  | 4,511.31 | 11  | 4,123.39 | 11  | 3,735.45 | 11  | 3,347.52 | 11  | 2,959.58 | 11  | 2,571.65 | 11  | 2,183.61 |
| 1/4 |       | 1/4 | 5,241.81 | 1/4 | 4,882.16 | 1/4 | 4,503.23 | 1/4 | 4,115.31 | 1/4 | 3,727.37 | 1/4 | 3,339.44 | 1/4 | 2,951.50 | 1/4 | 2,563.56 | 1/4 | 2,175.52 |
| 1/2 |       | 1/2 | 5,234.50 | 1/2 | 4,874.44 | 1/2 | 4,495.16 | 1/2 | 4,107.23 | 1/2 | 3,719.29 | 1/2 | 3,331.35 | 1/2 | 2,943.42 | 1/2 | 2,555.48 | 1/2 | 2,167.44 |
| 3/4 |       | 3/4 | 5,227.19 | 3/4 | 4,866.72 | 3/4 | 4,487.08 | 3/4 | 4,099.14 | 3/4 | 3,711.21 | 3/4 | 3,323.27 | 3/4 | 2,935.34 | 3/4 | 2,547.40 | 3/4 | 2,159.36 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 50'-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 "TMTB 107"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-07"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,151.27 | 0   | 1,763.22 | 0   | 1,375.18 | 0   | 987.76 | 0   | 614.79 | 0   | 226.76 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,143.19 | 1/4 | 1,755.14 | 1/4 | 1,367.09 | 1/4 | 979.98 | 1/4 | 606.71 | 1/4 | 218.67 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,135.10 | 1/2 | 1,747.06 | 1/2 | 1,359.01 | 1/2 | 972.21 | 1/2 | 598.62 | 1/2 | 210.59 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,127.02 | 3/4 | 1,738.97 | 3/4 | 1,350.93 | 3/4 | 964.44 | 3/4 | 590.54 | 3/4 | 202.51 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,118.93 | 1   | 1,730.89 | 1   | 1,342.84 | 1   | 956.67 | 1   | 582.45 | 1   | 194.42 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,110.85 | 1/4 | 1,722.80 | 1/4 | 1,334.76 | 1/4 | 948.90 | 1/4 | 574.37 | 1/4 | 186.34 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,102.77 | 1/2 | 1,714.72 | 1/2 | 1,326.67 | 1/2 | 941.12 | 1/2 | 566.29 | 1/2 | 178.25 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,094.68 | 3/4 | 1,706.63 | 3/4 | 1,318.59 | 3/4 | 933.35 | 3/4 | 558.20 | 3/4 | 170.17 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,086.60 | 2   | 1,698.55 | 2   | 1,310.50 | 2   | 925.58 | 2   | 550.12 | 2   | 162.09 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,078.51 | 1/4 | 1,690.47 | 1/4 | 1,302.42 | 1/4 | 917.81 | 1/4 | 542.03 | 1/4 | 154.00 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,070.43 | 1/2 | 1,682.38 | 1/2 | 1,294.34 | 1/2 | 910.04 | 1/2 | 533.95 | 1/2 | 145.92 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,062.34 | 3/4 | 1,674.30 | 3/4 | 1,286.25 | 3/4 | 902.26 | 3/4 | 525.87 | 3/4 | 137.83 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,054.26 | 3   | 1,666.21 | 3   | 1,278.17 | 3   | 894.49 | 3   | 517.78 | 3   | 129.75 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,046.18 | 1/4 | 1,658.13 | 1/4 | 1,270.08 | 1/4 | 886.73 | 1/4 | 509.70 | 1/4 | 121.67 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,038.09 | 1/2 | 1,650.04 | 1/2 | 1,262.00 | 1/2 | 878.97 | 1/2 | 501.61 | 1/2 | 113.58 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,030.01 | 3/4 | 1,641.96 | 3/4 | 1,253.91 | 3/4 | 871.21 | 3/4 | 493.53 | 3/4 | 105.50 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,021.92 | 4   | 1,633.88 | 4   | 1,245.83 | 4   | 863.45 | 4   | 485.45 | 4   | 97.41  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,013.84 | 1/4 | 1,625.79 | 1/4 | 1,237.75 | 1/4 | 855.70 | 1/4 | 477.36 | 1/4 | 89.33  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,005.75 | 1/2 | 1,617.71 | 1/2 | 1,229.66 | 1/2 | 847.95 | 1/2 | 469.28 | 1/2 | 81.25  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,997.67 | 3/4 | 1,609.62 | 3/4 | 1,221.58 | 3/4 | 840.20 | 3/4 | 461.19 | 3/4 | 73.16  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,989.59 | 5   | 1,601.54 | 5   | 1,213.49 | 5   | 832.45 | 5   | 453.11 | 5   | 65.08  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,981.50 | 1/4 | 1,593.45 | 1/4 | 1,205.41 | 1/4 | 824.70 | 1/4 | 445.03 | 1/4 | 57.67  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,973.42 | 1/2 | 1,585.37 | 1/2 | 1,197.32 | 1/2 | 816.95 | 1/2 | 436.94 | 1/2 | 50.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,965.33 | 3/4 | 1,577.29 | 3/4 | 1,189.24 | 3/4 | 809.20 | 3/4 | 428.86 | 3/4 | 42.85  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,957.25 | 6   | 1,569.20 | 6   | 1,181.16 | 6   | 801.45 | 6   | 420.77 | 6   | 35.44  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,949.16 | 1/4 | 1,561.12 | 1/4 | 1,173.07 | 1/4 | 793.70 | 1/4 | 412.69 | 1/4 | 30.05  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,941.08 | 1/2 | 1,553.03 | 1/2 | 1,164.99 | 1/2 | 785.95 | 1/2 | 404.61 | 1/2 | 24.66  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,933.00 | 3/4 | 1,544.95 | 3/4 | 1,156.90 | 3/4 | 778.20 | 3/4 | 396.52 | 3/4 | 19.27  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,924.91 | 7   | 1,536.86 | 7   | 1,148.82 | 7   | 770.45 | 7   | 388.44 | 7   | 13.88  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,916.83 | 1/4 | 1,528.78 | 1/4 | 1,140.73 | 1/4 | 762.71 | 1/4 | 380.35 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,908.74 | 1/2 | 1,520.70 | 1/2 | 1,132.65 | 1/2 | 754.96 | 1/2 | 372.27 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,900.66 | 3/4 | 1,512.61 | 3/4 | 1,124.57 | 3/4 | 747.21 | 3/4 | 364.19 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,892.57 | 8   | 1,504.53 | 8   | 1,116.48 | 8   | 739.46 | 8   | 356.10 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,884.49 | 1/4 | 1,496.44 | 1/4 | 1,108.40 | 1/4 | 731.71 | 1/4 | 348.02 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,876.41 | 1/2 | 1,488.36 | 1/2 | 1,100.31 | 1/2 | 723.96 | 1/2 | 339.93 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,868.32 | 3/4 | 1,480.27 | 3/4 | 1,092.23 | 3/4 | 716.21 | 3/4 | 331.85 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,860.24 | 9   | 1,472.19 | 9   | 1,084.14 | 9   | 708.46 | 9   | 323.77 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,852.15 | 1/4 | 1,464.11 | 1/4 | 1,076.06 | 1/4 | 700.71 | 1/4 | 315.68 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,844.07 | 1/2 | 1,456.02 | 1/2 | 1,067.98 | 1/2 | 692.96 | 1/2 | 307.60 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,835.98 | 3/4 | 1,447.94 | 3/4 | 1,059.89 | 3/4 | 685.21 | 3/4 | 299.51 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,827.90 | 10  | 1,439.85 | 10  | 1,051.81 | 10  | 677.46 | 10  | 291.43 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,819.81 | 1/4 | 1,431.77 | 1/4 | 1,043.72 | 1/4 | 669.71 | 1/4 | 283.35 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,811.73 | 1/2 | 1,423.68 | 1/2 | 1,035.64 | 1/2 | 661.96 | 1/2 | 275.26 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,803.65 | 3/4 | 1,415.60 | 3/4 | 1,027.55 | 3/4 | 654.21 | 3/4 | 267.18 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,795.56 | 11  | 1,407.52 | 11  | 1,019.47 | 11  | 646.46 | 11  | 259.09 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,787.48 | 1/4 | 1,399.43 | 1/4 | 1,011.54 | 1/4 | 638.54 | 1/4 | 251.01 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,779.39 | 1/2 | 1,391.35 | 1/2 | 1,003.61 | 1/2 | 630.63 | 1/2 | 242.93 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,771.31 | 3/4 | 1,383.26 | 3/4 | 995.68   | 3/4 | 622.71 | 3/4 | 234.84 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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



# BARGE "TMTB 107"

## 3 PORT ULLAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-06 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   | 4,532.61 | 0   | 4,285.30 | 0   | 4,023.55 | 0   | 3,756.79 | 0   | 3,442.75 | 0   | 3,082.08 | 0   | 2,721.54 | 0   | 2,361.00 |
| 1/4 |       | 1/4 |       | 1/4 | 4,527.60 | 1/4 | 4,279.97 | 1/4 | 4,018.00 | 1/4 | 3,751.23 | 1/4 | 3,435.22 | 1/4 | 3,074.57 | 1/4 | 2,714.03 | 1/4 | 2,353.49 |
| 1/2 |       | 1/2 |       | 1/2 | 4,522.59 | 1/2 | 4,274.64 | 1/2 | 4,012.44 | 1/2 | 3,745.67 | 1/2 | 3,427.70 | 1/2 | 3,067.06 | 1/2 | 2,706.52 | 1/2 | 2,345.97 |
| 3/4 |       | 3/4 |       | 3/4 | 4,517.56 | 3/4 | 4,269.30 | 3/4 | 4,006.88 | 3/4 | 3,740.12 | 3/4 | 3,420.17 | 3/4 | 3,059.55 | 3/4 | 2,699.01 | 3/4 | 2,338.46 |
| 1   |       | 1   |       | 1   | 4,512.53 | 1   | 4,263.95 | 1   | 4,001.32 | 1   | 3,734.56 | 1   | 3,412.64 | 1   | 3,052.04 | 1   | 2,691.49 | 1   | 2,330.95 |
| 1/4 |       | 1/4 |       | 1/4 | 4,748.55 | 1/4 | 4,507.50 | 1/4 | 4,258.60 | 1/4 | 3,995.77 | 1/4 | 3,729.00 | 1/4 | 3,405.12 | 1/4 | 3,044.53 | 1/4 | 2,683.98 |
| 1/2 |       | 1/2 |       | 1/2 | 4,744.63 | 1/2 | 4,502.47 | 1/2 | 4,253.25 | 1/2 | 3,990.21 | 1/2 | 3,723.44 | 1/2 | 3,397.59 | 1/2 | 3,037.01 | 1/2 | 2,676.47 |
| 3/4 |       | 3/4 |       | 3/4 | 4,739.57 | 3/4 | 4,497.42 | 3/4 | 4,247.88 | 3/4 | 3,984.65 | 3/4 | 3,717.89 | 3/4 | 3,390.07 | 3/4 | 3,029.50 | 3/4 | 2,668.96 |
| 2   |       | 2   |       | 2   | 4,734.52 | 2   | 4,492.37 | 2   | 4,242.51 | 2   | 3,979.09 | 2   | 3,712.33 | 2   | 3,382.55 | 2   | 3,021.99 | 2   | 2,661.45 |
| 1/4 |       | 1/4 |       | 1/4 | 4,729.46 | 1/4 | 4,487.32 | 1/4 | 4,237.14 | 1/4 | 3,973.54 | 1/4 | 3,706.77 | 1/4 | 3,375.03 | 1/4 | 3,014.48 | 1/4 | 2,653.94 |
| 1/2 |       | 1/2 |       | 1/2 | 4,724.41 | 1/2 | 4,482.27 | 1/2 | 4,231.77 | 1/2 | 3,967.98 | 1/2 | 3,701.21 | 1/2 | 3,367.51 | 1/2 | 3,006.97 | 1/2 | 2,646.43 |
| 3/4 |       | 3/4 |       | 3/4 | 4,718.98 | 3/4 | 4,477.19 | 3/4 | 4,226.38 | 3/4 | 3,962.42 | 3/4 | 3,695.66 | 3/4 | 3,360.00 | 3/4 | 2,999.46 | 3/4 | 2,638.91 |
| 3   |       | 3   |       | 3   | 4,713.55 | 3   | 4,472.12 | 3   | 4,220.99 | 3   | 3,956.86 | 3   | 3,690.10 | 3   | 3,352.49 | 3   | 2,991.95 | 3   | 2,631.40 |
| 1/4 |       | 1/4 |       | 1/4 | 4,708.12 | 1/4 | 4,467.05 | 1/4 | 4,215.59 | 1/4 | 3,951.31 | 1/4 | 3,684.54 | 1/4 | 3,344.98 | 1/4 | 2,984.43 | 1/4 | 2,623.89 |
| 1/2 |       | 1/2 |       | 1/2 | 4,702.68 | 1/2 | 4,461.98 | 1/2 | 4,210.20 | 1/2 | 3,945.75 | 1/2 | 3,678.98 | 1/2 | 3,337.47 | 1/2 | 2,976.92 | 1/2 | 2,616.38 |
| 3/4 |       | 3/4 |       | 3/4 | 4,697.25 | 3/4 | 4,456.88 | 3/4 | 4,204.79 | 3/4 | 3,940.19 | 3/4 | 3,673.43 | 3/4 | 3,329.95 | 3/4 | 2,969.41 | 3/4 | 2,608.87 |
| 4   |       | 4   |       | 4   | 4,691.82 | 4   | 4,451.79 | 4   | 4,199.38 | 4   | 3,934.63 | 4   | 3,667.87 | 4   | 3,322.44 | 4   | 2,961.90 | 4   | 2,601.36 |
| 1/4 |       | 1/4 |       | 1/4 | 4,686.39 | 1/4 | 4,446.69 | 1/4 | 4,193.97 | 1/4 | 3,929.07 | 1/4 | 3,662.31 | 1/4 | 3,314.93 | 1/4 | 2,954.39 | 1/4 | 2,593.85 |
| 1/2 |       | 1/2 |       | 1/2 | 4,680.96 | 1/2 | 4,441.60 | 1/2 | 4,188.55 | 1/2 | 3,923.52 | 1/2 | 3,656.75 | 1/2 | 3,307.42 | 1/2 | 2,946.88 | 1/2 | 2,586.34 |
| 3/4 |       | 3/4 |       | 3/4 | 4,675.84 | 3/4 | 4,436.49 | 3/4 | 4,183.12 | 3/4 | 3,917.96 | 3/4 | 3,651.19 | 3/4 | 3,299.91 | 3/4 | 2,939.37 | 3/4 | 2,578.82 |
| 5   |       | 5   |       | 5   | 4,670.72 | 5   | 4,431.37 | 5   | 4,177.69 | 5   | 3,912.40 | 5   | 3,645.64 | 5   | 3,292.40 | 5   | 2,931.86 | 5   | 2,571.31 |
| 1/4 |       | 1/4 |       | 1/4 | 4,665.60 | 1/4 | 4,426.26 | 1/4 | 4,172.25 | 1/4 | 3,906.84 | 1/4 | 3,640.08 | 1/4 | 3,284.89 | 1/4 | 2,924.34 | 1/4 | 2,563.80 |
| 1/2 |       | 1/2 |       | 1/2 | 4,660.47 | 1/2 | 4,421.14 | 1/2 | 4,166.82 | 1/2 | 3,901.29 | 1/2 | 3,634.52 | 1/2 | 3,277.38 | 1/2 | 2,916.83 | 1/2 | 2,556.29 |
| 3/4 |       | 3/4 |       | 3/4 | 4,655.65 | 3/4 | 4,416.00 | 3/4 | 4,161.36 | 3/4 | 3,895.73 | 3/4 | 3,628.96 | 3/4 | 3,269.86 | 3/4 | 2,909.32 | 3/4 | 2,548.78 |
| 6   |       | 6   |       | 6   | 4,650.83 | 6   | 4,410.87 | 6   | 4,155.91 | 6   | 3,890.17 | 6   | 3,623.41 | 6   | 3,262.35 | 6   | 2,901.81 | 6   | 2,541.27 |
| 1/4 |       | 1/4 |       | 1/4 | 4,646.01 | 1/4 | 4,405.73 | 1/4 | 4,150.45 | 1/4 | 3,884.61 | 1/4 | 3,615.88 | 1/4 | 3,254.84 | 1/4 | 2,894.30 | 1/4 | 2,533.76 |
| 1/2 |       | 1/2 |       | 1/2 | 4,641.19 | 1/2 | 4,400.60 | 1/2 | 4,145.00 | 1/2 | 3,879.06 | 1/2 | 3,608.35 | 1/2 | 3,247.33 | 1/2 | 2,886.79 | 1/2 | 2,526.25 |
| 3/4 |       | 3/4 |       | 3/4 | 4,636.34 | 3/4 | 4,395.44 | 3/4 | 4,139.52 | 3/4 | 3,873.50 | 3/4 | 3,600.82 | 3/4 | 3,239.82 | 3/4 | 2,879.28 | 3/4 | 2,518.73 |
| 7   |       | 7   |       | 7   | 4,631.50 | 7   | 4,390.28 | 7   | 4,134.05 | 7   | 3,867.94 | 7   | 3,593.30 | 7   | 3,232.31 | 7   | 2,871.77 | 7   | 2,511.22 |
| 1/4 |       | 1/4 |       | 1/4 | 4,626.66 | 1/4 | 4,385.13 | 1/4 | 4,128.57 | 1/4 | 3,862.38 | 1/4 | 3,585.77 | 1/4 | 3,224.80 | 1/4 | 2,864.25 | 1/4 | 2,503.71 |
| 1/2 |       | 1/2 |       | 1/2 | 4,621.82 | 1/2 | 4,379.97 | 1/2 | 4,123.10 | 1/2 | 3,856.83 | 1/2 | 3,578.24 | 1/2 | 3,217.28 | 1/2 | 2,856.74 | 1/2 | 2,496.20 |
| 3/4 |       | 3/4 |       | 3/4 | 4,616.92 | 3/4 | 4,374.79 | 3/4 | 4,117.60 | 3/4 | 3,851.27 | 3/4 | 3,570.72 | 3/4 | 3,209.77 | 3/4 | 2,849.23 | 3/4 | 2,488.69 |
| 8   |       | 8   |       | 8   | 4,612.03 | 8   | 4,369.61 | 8   | 4,112.10 | 8   | 3,845.71 | 8   | 3,563.19 | 8   | 3,202.26 | 8   | 2,841.72 | 8   | 2,481.18 |
| 1/4 |       | 1/4 |       | 1/4 | 4,607.13 | 1/4 | 4,364.43 | 1/4 | 4,106.61 | 1/4 | 3,840.15 | 1/4 | 3,555.66 | 1/4 | 3,194.75 | 1/4 | 2,834.21 | 1/4 | 2,473.67 |
| 1/2 |       | 1/2 |       | 1/2 | 4,602.24 | 1/2 | 4,359.26 | 1/2 | 4,101.11 | 1/2 | 3,834.60 | 1/2 | 3,548.13 | 1/2 | 3,187.24 | 1/2 | 2,826.70 | 1/2 | 2,466.15 |
| 3/4 |       | 3/4 |       | 3/4 | 4,597.29 | 3/4 | 4,354.02 | 3/4 | 4,095.59 | 3/4 | 3,829.04 | 3/4 | 3,540.61 | 3/4 | 3,179.73 | 3/4 | 2,819.19 | 3/4 | 2,458.64 |
| 9   |       | 9   |       | 9   | 4,592.35 | 9   | 4,348.79 | 9   | 4,090.07 | 9   | 3,823.48 | 9   | 3,533.08 | 9   | 3,172.22 | 9   | 2,811.67 | 9   | 2,451.13 |
| 1/4 |       | 1/4 |       | 1/4 | 4,587.40 | 1/4 | 4,343.56 | 1/4 | 4,084.56 | 1/4 | 3,817.92 | 1/4 | 3,525.55 | 1/4 | 3,164.71 | 1/4 | 2,804.16 | 1/4 | 2,443.62 |
| 1/2 |       | 1/2 |       | 1/2 | 4,582.45 | 1/2 | 4,338.33 | 1/2 | 4,079.04 | 1/2 | 3,812.37 | 1/2 | 3,518.02 | 1/2 | 3,157.19 | 1/2 | 2,796.65 | 1/2 | 2,436.11 |
| 3/4 |       | 3/4 |       | 3/4 | 4,577.49 | 3/4 | 4,333.04 | 3/4 | 4,073.50 | 3/4 | 3,806.81 | 3/4 | 3,510.50 | 3/4 | 3,149.68 | 3/4 | 2,789.14 | 3/4 | 2,428.60 |
| 10  |       | 10  |       | 10  | 4,572.52 | 10  | 4,327.76 | 10  | 4,067.96 | 10  | 3,801.25 | 10  | 3,502.97 | 10  | 3,142.17 | 10  | 2,781.63 | 10  | 2,421.09 |
| 1/4 |       | 1/4 |       | 1/4 | 4,567.55 | 1/4 | 4,322.47 | 1/4 | 4,062.42 | 1/4 | 3,795.69 | 1/4 | 3,495.44 | 1/4 | 3,134.66 | 1/4 | 2,774.12 | 1/4 | 2,413.58 |
| 1/2 |       | 1/2 |       | 1/2 | 4,562.58 | 1/2 | 4,317.18 | 1/2 | 4,056.88 | 1/2 | 3,790.13 | 1/2 | 3,487.92 | 1/2 | 3,127.15 | 1/2 | 2,766.61 | 1/2 | 2,406.06 |
| 3/4 |       | 3/4 |       | 3/4 | 4,557.60 | 3/4 | 4,311.88 | 3/4 | 4,051.33 | 3/4 | 3,784.58 | 3/4 | 3,480.39 | 3/4 | 3,119.64 | 3/4 | 2,759.10 | 3/4 | 2,398.55 |
| 11  |       | 11  |       | 11  | 4,552.61 | 11  | 4,306.57 | 11  | 4,045.78 | 11  | 3,779.02 | 11  | 3,472.86 | 11  | 3,112.13 | 11  | 2,751.58 | 11  | 2,391.04 |
| 1/4 |       | 1/4 |       | 1/4 | 4,547.62 | 1/4 | 4,301.26 | 1/4 | 4,040.22 | 1/4 | 3,773.46 | 1/4 | 3,465.33 | 1/4 | 3,104.62 | 1/4 | 2,744.07 | 1/4 | 2,383.53 |
| 1/2 |       | 1/2 |       | 1/2 | 4,542.63 | 1/2 | 4,295.96 | 1/2 | 4,034.67 | 1/2 | 3,767.90 | 1/2 | 3,457.81 | 1/2 | 3,097.10 | 1/2 | 2,736.56 | 1/2 | 2,376.02 |
| 3/4 |       | 3/4 |       | 3/4 | 4,537.62 | 3/4 | 4,290.63 | 3/4 | 4,029.11 | 3/4 | 3,762.35 | 3/4 | 3,450.28 | 3/4 | 3,089.59 | 3/4 | 2,729.05 | 3/4 | 2,368.51 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "TMTB 107"

## 3 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-06 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   | 2,000.22 | 0   | 1,639.33 | 0   | 1,278.38 | 0   | 917.97 | 0   | 557.42 | 0   | 196.12 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,992.70 | 1/4 | 1,631.81 | 1/4 | 1,270.86 | 1/4 | 910.46 | 1/4 | 549.89 | 1/4 | 188.59 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,985.18 | 1/2 | 1,624.29 | 1/2 | 1,263.33 | 1/2 | 902.95 | 1/2 | 542.36 | 1/2 | 181.06 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,977.66 | 3/4 | 1,616.77 | 3/4 | 1,255.81 | 3/4 | 895.42 | 3/4 | 534.84 | 3/4 | 173.54 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,970.14 | 1   | 1,609.26 | 1   | 1,248.28 | 1   | 887.89 | 1   | 527.31 | 1   | 166.01 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,962.63 | 1/4 | 1,601.74 | 1/4 | 1,240.75 | 1/4 | 880.36 | 1/4 | 519.78 | 1/4 | 158.48 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,955.11 | 1/2 | 1,594.22 | 1/2 | 1,233.23 | 1/2 | 872.84 | 1/2 | 512.25 | 1/2 | 150.95 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,947.59 | 3/4 | 1,586.70 | 3/4 | 1,225.70 | 3/4 | 865.31 | 3/4 | 504.73 | 3/4 | 143.43 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,940.07 | 2   | 1,579.18 | 2   | 1,218.18 | 2   | 857.78 | 2   | 497.20 | 2   | 135.90 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,932.55 | 1/4 | 1,571.66 | 1/4 | 1,210.65 | 1/4 | 850.26 | 1/4 | 489.67 | 1/4 | 128.37 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,925.03 | 1/2 | 1,564.15 | 1/2 | 1,203.13 | 1/2 | 842.73 | 1/2 | 482.15 | 1/2 | 120.85 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,917.51 | 3/4 | 1,556.63 | 3/4 | 1,195.60 | 3/4 | 835.21 | 3/4 | 474.62 | 3/4 | 113.32 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,910.00 | 3   | 1,549.11 | 3   | 1,188.07 | 3   | 827.70 | 3   | 467.09 | 3   | 105.79 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,902.48 | 1/4 | 1,541.59 | 1/4 | 1,180.55 | 1/4 | 820.18 | 1/4 | 459.56 | 1/4 | 98.26  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,894.96 | 1/2 | 1,534.07 | 1/2 | 1,173.02 | 1/2 | 812.67 | 1/2 | 452.04 | 1/2 | 90.74  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,887.44 | 3/4 | 1,526.55 | 3/4 | 1,165.51 | 3/4 | 805.16 | 3/4 | 444.51 | 3/4 | 83.21  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,879.92 | 4   | 1,519.03 | 4   | 1,158.00 | 4   | 797.66 | 4   | 436.98 | 4   | 75.68  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,872.40 | 1/4 | 1,511.52 | 1/4 | 1,150.49 | 1/4 | 790.15 | 1/4 | 429.46 | 1/4 | 68.16  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,864.89 | 1/2 | 1,504.00 | 1/2 | 1,142.97 | 1/2 | 782.65 | 1/2 | 421.93 | 1/2 | 60.63  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,857.37 | 3/4 | 1,496.48 | 3/4 | 1,135.47 | 3/4 | 775.14 | 3/4 | 414.40 | 3/4 | 53.73  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,849.85 | 5   | 1,488.96 | 5   | 1,127.98 | 5   | 767.64 | 5   | 406.88 | 5   | 46.83  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,842.33 | 1/4 | 1,481.44 | 1/4 | 1,120.48 | 1/4 | 760.13 | 1/4 | 399.35 | 1/4 | 39.93  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,834.81 | 1/2 | 1,473.92 | 1/2 | 1,112.98 | 1/2 | 752.63 | 1/2 | 391.82 | 1/2 | 33.03  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,827.29 | 3/4 | 1,466.40 | 3/4 | 1,105.48 | 3/4 | 745.12 | 3/4 | 384.29 | 3/4 | 28.01  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,819.77 | 6   | 1,458.89 | 6   | 1,097.98 | 6   | 737.62 | 6   | 376.77 | 6   | 22.99  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,812.26 | 1/4 | 1,451.37 | 1/4 | 1,090.48 | 1/4 | 730.11 | 1/4 | 369.24 | 1/4 | 17.98  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,804.74 | 1/2 | 1,443.85 | 1/2 | 1,082.98 | 1/2 | 722.61 | 1/2 | 361.71 | 1/2 | 12.96  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,797.22 | 3/4 | 1,436.33 | 3/4 | 1,075.48 | 3/4 | 715.10 | 3/4 | 354.19 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,789.70 | 7   | 1,428.81 | 7   | 1,067.98 | 7   | 707.60 | 7   | 346.66 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,782.18 | 1/4 | 1,421.29 | 1/4 | 1,060.48 | 1/4 | 700.09 | 1/4 | 339.13 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,774.66 | 1/2 | 1,413.78 | 1/2 | 1,052.98 | 1/2 | 692.59 | 1/2 | 331.60 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,767.14 | 3/4 | 1,406.26 | 3/4 | 1,045.49 | 3/4 | 685.09 | 3/4 | 323.09 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,759.63 | 8   | 1,398.74 | 8   | 1,037.99 | 8   | 677.58 | 8   | 314.58 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,752.11 | 1/4 | 1,391.22 | 1/4 | 1,030.49 | 1/4 | 670.08 | 1/4 | 308.04 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,744.59 | 1/2 | 1,383.70 | 1/2 | 1,022.99 | 1/2 | 662.57 | 1/2 | 301.50 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,737.07 | 3/4 | 1,376.18 | 3/4 | 1,015.49 | 3/4 | 655.07 | 3/4 | 293.97 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,729.55 | 9   | 1,368.66 | 9   | 1,007.99 | 9   | 647.56 | 9   | 286.44 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,722.03 | 1/4 | 1,361.15 | 1/4 | 1,000.49 | 1/4 | 640.06 | 1/4 | 278.91 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,714.52 | 1/2 | 1,353.63 | 1/2 | 992.99   | 1/2 | 632.55 | 1/2 | 271.39 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,707.00 | 3/4 | 1,346.11 | 3/4 | 985.49   | 3/4 | 625.05 | 3/4 | 263.86 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,699.48 | 10  | 1,338.58 | 10  | 977.99   | 10  | 617.54 | 10  | 256.33 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,691.96 | 1/4 | 1,331.06 | 1/4 | 970.49   | 1/4 | 610.04 | 1/4 | 248.81 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,684.44 | 1/2 | 1,323.54 | 1/2 | 963.00   | 1/2 | 602.53 | 1/2 | 241.28 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,676.92 | 3/4 | 1,316.01 | 3/4 | 955.50   | 3/4 | 595.02 | 3/4 | 233.75 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,669.40 | 11  | 1,308.49 | 11  | 948.00   | 11  | 587.50 | 11  | 226.23 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,661.89 | 1/4 | 1,300.96 | 1/4 | 940.50   | 1/4 | 579.99 | 1/4 | 218.70 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,654.37 | 1/2 | 1,293.44 | 1/2 | 933.00   | 1/2 | 572.47 | 1/2 | 211.17 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,646.85 | 3/4 | 1,285.91 | 3/4 | 925.49   | 3/4 | 564.94 | 3/4 | 203.64 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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



# BARGE "TMTB 107"

3 STBD

## ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|-------|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   |       | 0   | 4,524.07 | 0   | 4,276.52 | 0   | 4,014.46 | 0   | 3,747.16 | 0   | 3,434.65 | 0   | 3,073.83 | 0   | 2,713.09 | 0   | 2,352.40 |
| 1/4 |       | 1/4 |       | 1/4 | 4,519.05 | 1/4 | 4,271.18 | 1/4 | 4,008.89 | 1/4 | 3,741.59 | 1/4 | 3,427.12 | 1/4 | 3,066.31 | 1/4 | 2,705.57 | 1/4 | 2,344.88 |
| 1/2 |       | 1/2 |       | 1/2 | 4,514.03 | 1/2 | 4,265.84 | 1/2 | 4,003.32 | 1/2 | 3,736.02 | 1/2 | 3,419.60 | 1/2 | 3,058.80 | 1/2 | 2,698.06 | 1/2 | 2,337.36 |
| 3/4 |       | 3/4 |       | 3/4 | 4,747.30 | 3/4 | 4,509.01 | 3/4 | 4,260.50 | 3/4 | 3,997.75 | 3/4 | 3,730.46 | 3/4 | 3,412.08 | 3/4 | 3,051.28 | 3/4 | 2,690.54 |
| 1   |       | 1   |       | 1   | 4,743.36 | 1   | 4,503.96 | 1   | 4,255.14 | 1   | 3,992.18 | 1   | 3,724.89 | 1   | 3,404.55 | 1   | 3,043.77 | 1   | 2,683.03 |
| 1/4 |       | 1/4 |       | 1/4 | 4,739.43 | 1/4 | 4,498.92 | 1/4 | 4,249.78 | 1/4 | 3,986.62 | 1/4 | 3,719.32 | 1/4 | 3,397.03 | 1/4 | 3,036.25 | 1/4 | 2,675.51 |
| 1/2 |       | 1/2 |       | 1/2 | 4,735.49 | 1/2 | 4,493.88 | 1/2 | 4,244.42 | 1/2 | 3,981.05 | 1/2 | 3,713.75 | 1/2 | 3,389.50 | 1/2 | 3,028.73 | 1/2 | 2,668.00 |
| 3/4 |       | 3/4 |       | 3/4 | 4,731.55 | 3/4 | 4,488.84 | 3/4 | 4,239.06 | 3/4 | 3,975.48 | 3/4 | 3,708.18 | 3/4 | 3,381.98 | 3/4 | 3,021.22 | 3/4 | 2,660.48 |
| 2   |       | 2   |       | 2   | 4,726.49 | 2   | 4,483.77 | 2   | 4,233.68 | 2   | 3,969.91 | 2   | 3,702.61 | 2   | 3,374.46 | 2   | 3,013.70 | 2   | 2,652.97 |
| 1/4 |       | 1/4 |       | 1/4 | 4,721.42 | 1/4 | 4,478.71 | 1/4 | 4,228.30 | 1/4 | 3,964.34 | 1/4 | 3,697.04 | 1/4 | 3,366.94 | 1/4 | 3,006.19 | 1/4 | 2,645.46 |
| 1/2 |       | 1/2 |       | 1/2 | 4,716.36 | 1/2 | 4,473.65 | 1/2 | 4,222.91 | 1/2 | 3,958.77 | 1/2 | 3,691.47 | 1/2 | 3,359.42 | 1/2 | 2,998.67 | 1/2 | 2,637.95 |
| 3/4 |       | 3/4 |       | 3/4 | 4,711.29 | 3/4 | 4,468.58 | 3/4 | 4,217.53 | 3/4 | 3,953.20 | 3/4 | 3,685.91 | 3/4 | 3,351.90 | 3/4 | 2,991.16 | 3/4 | 2,630.43 |
| 3   |       | 3   |       | 3   | 4,705.85 | 3   | 4,463.50 | 3   | 4,212.13 | 3   | 3,947.63 | 3   | 3,680.34 | 3   | 3,344.38 | 3   | 2,983.64 | 3   | 2,622.92 |
| 1/4 |       | 1/4 |       | 1/4 | 4,700.41 | 1/4 | 4,458.42 | 1/4 | 4,206.73 | 1/4 | 3,942.07 | 1/4 | 3,674.77 | 1/4 | 3,336.87 | 1/4 | 2,976.13 | 1/4 | 2,615.41 |
| 1/2 |       | 1/2 |       | 1/2 | 4,694.96 | 1/2 | 4,453.33 | 1/2 | 4,201.32 | 1/2 | 3,936.50 | 1/2 | 3,669.20 | 1/2 | 3,329.35 | 1/2 | 2,968.61 | 1/2 | 2,607.89 |
| 3/4 |       | 3/4 |       | 3/4 | 4,689.52 | 3/4 | 4,448.25 | 3/4 | 4,195.92 | 3/4 | 3,930.93 | 3/4 | 3,663.63 | 3/4 | 3,321.83 | 3/4 | 2,961.10 | 3/4 | 2,600.38 |
| 4   |       | 4   |       | 4   | 4,684.08 | 4   | 4,443.14 | 4   | 4,190.50 | 4   | 3,925.36 | 4   | 3,658.06 | 4   | 3,314.32 | 4   | 2,953.58 | 4   | 2,592.87 |
| 1/4 |       | 1/4 |       | 1/4 | 4,678.63 | 1/4 | 4,438.04 | 1/4 | 4,185.07 | 1/4 | 3,919.79 | 1/4 | 3,652.49 | 1/4 | 3,306.80 | 1/4 | 2,946.06 | 1/4 | 2,585.35 |
| 1/2 |       | 1/2 |       | 1/2 | 4,673.19 | 1/2 | 4,432.93 | 1/2 | 4,179.65 | 1/2 | 3,914.22 | 1/2 | 3,646.93 | 1/2 | 3,299.29 | 1/2 | 2,938.55 | 1/2 | 2,577.84 |
| 3/4 |       | 3/4 |       | 3/4 | 4,667.75 | 3/4 | 4,427.82 | 3/4 | 4,174.23 | 3/4 | 3,908.65 | 3/4 | 3,641.36 | 3/4 | 3,291.77 | 3/4 | 2,931.03 | 3/4 | 2,570.33 |
| 5   |       | 5   |       | 5   | 4,662.62 | 5   | 4,422.70 | 5   | 4,168.78 | 5   | 3,903.09 | 5   | 3,635.79 | 5   | 3,284.26 | 5   | 2,923.52 | 5   | 2,562.81 |
| 1/4 |       | 1/4 |       | 1/4 | 4,657.48 | 1/4 | 4,417.57 | 1/4 | 4,163.34 | 1/4 | 3,897.52 | 1/4 | 3,630.22 | 1/4 | 3,276.74 | 1/4 | 2,916.00 | 1/4 | 2,555.30 |
| 1/2 |       | 1/2 |       | 1/2 | 4,652.35 | 1/2 | 4,412.44 | 1/2 | 4,157.89 | 1/2 | 3,891.95 | 1/2 | 3,624.65 | 1/2 | 3,269.23 | 1/2 | 2,908.49 | 1/2 | 2,547.79 |
| 3/4 |       | 3/4 |       | 3/4 | 4,647.22 | 3/4 | 4,407.32 | 3/4 | 4,152.45 | 3/4 | 3,886.38 | 3/4 | 3,619.08 | 3/4 | 3,261.71 | 3/4 | 2,900.97 | 3/4 | 2,540.27 |
| 6   |       | 6   |       | 6   | 4,642.38 | 6   | 4,402.17 | 6   | 4,146.98 | 6   | 3,880.81 | 6   | 3,612.53 | 6   | 3,254.20 | 6   | 2,893.46 | 6   | 2,532.76 |
| 1/4 |       | 1/4 |       | 1/4 | 4,637.55 | 1/4 | 4,397.02 | 1/4 | 4,141.52 | 1/4 | 3,875.24 | 1/4 | 3,605.98 | 1/4 | 3,246.68 | 1/4 | 2,885.94 | 1/4 | 2,525.25 |
| 1/2 |       | 1/2 |       | 1/2 | 4,632.72 | 1/2 | 4,391.88 | 1/2 | 4,136.05 | 1/2 | 3,869.67 | 1/2 | 3,599.42 | 1/2 | 3,239.17 | 1/2 | 2,878.43 | 1/2 | 2,517.73 |
| 3/4 |       | 3/4 |       | 3/4 | 4,627.88 | 3/4 | 4,386.73 | 3/4 | 4,130.58 | 3/4 | 3,864.10 | 3/4 | 3,592.87 | 3/4 | 3,231.65 | 3/4 | 2,870.91 | 3/4 | 2,510.22 |
| 7   |       | 7   |       | 7   | 4,623.03 | 7   | 4,381.56 | 7   | 4,125.10 | 7   | 3,858.54 | 7   | 3,585.34 | 7   | 3,224.13 | 7   | 2,863.40 | 7   | 2,502.71 |
| 1/4 |       | 1/4 |       | 1/4 | 4,618.17 | 1/4 | 4,376.39 | 1/4 | 4,119.61 | 1/4 | 3,852.97 | 1/4 | 3,577.80 | 1/4 | 3,216.62 | 1/4 | 2,855.88 | 1/4 | 2,495.19 |
| 1/2 |       | 1/2 |       | 1/2 | 4,613.32 | 1/2 | 4,371.22 | 1/2 | 4,114.12 | 1/2 | 3,847.40 | 1/2 | 3,570.26 | 1/2 | 3,209.10 | 1/2 | 2,848.36 | 1/2 | 2,487.68 |
| 3/4 |       | 3/4 |       | 3/4 | 4,608.46 | 3/4 | 4,366.05 | 3/4 | 4,108.64 | 3/4 | 3,841.83 | 3/4 | 3,562.73 | 3/4 | 3,201.59 | 3/4 | 2,840.85 | 3/4 | 2,480.17 |
| 8   |       | 8   |       | 8   | 4,603.56 | 8   | 4,360.86 | 8   | 4,103.13 | 8   | 3,836.26 | 8   | 3,555.19 | 8   | 3,194.07 | 8   | 2,833.33 | 8   | 2,472.65 |
| 1/4 |       | 1/4 |       | 1/4 | 4,598.65 | 1/4 | 4,355.67 | 1/4 | 4,097.62 | 1/4 | 3,830.69 | 1/4 | 3,547.66 | 1/4 | 3,186.56 | 1/4 | 2,825.82 | 1/4 | 2,465.14 |
| 1/2 |       | 1/2 |       | 1/2 | 4,593.74 | 1/2 | 4,350.48 | 1/2 | 4,092.11 | 1/2 | 3,825.12 | 1/2 | 3,540.12 | 1/2 | 3,179.04 | 1/2 | 2,818.30 | 1/2 | 2,457.63 |
| 3/4 |       | 3/4 |       | 3/4 | 4,588.84 | 3/4 | 4,345.29 | 3/4 | 4,086.60 | 3/4 | 3,819.55 | 3/4 | 3,532.58 | 3/4 | 3,171.53 | 3/4 | 2,810.79 | 3/4 | 2,450.12 |
| 9   |       | 9   |       | 9   | 4,583.88 | 9   | 4,340.05 | 9   | 4,081.07 | 9   | 3,813.99 | 9   | 3,525.05 | 9   | 3,164.01 | 9   | 2,803.27 | 9   | 2,442.60 |
| 1/4 |       | 1/4 |       | 1/4 | 4,578.92 | 1/4 | 4,334.81 | 1/4 | 4,075.55 | 1/4 | 3,808.42 | 1/4 | 3,517.51 | 1/4 | 3,156.50 | 1/4 | 2,795.76 | 1/4 | 2,435.09 |
| 1/2 |       | 1/2 |       | 1/2 | 4,573.96 | 1/2 | 4,329.56 | 1/2 | 4,070.02 | 1/2 | 3,802.85 | 1/2 | 3,509.97 | 1/2 | 3,148.98 | 1/2 | 2,788.24 | 1/2 | 2,427.57 |
| 3/4 |       | 3/4 |       | 3/4 | 4,569.01 | 3/4 | 4,324.32 | 3/4 | 4,064.49 | 3/4 | 3,797.28 | 3/4 | 3,502.44 | 3/4 | 3,141.47 | 3/4 | 2,780.73 | 3/4 | 2,420.05 |
| 10  |       | 10  |       | 10  | 4,564.03 | 10  | 4,319.02 | 10  | 4,058.94 | 10  | 3,791.71 | 10  | 3,494.90 | 10  | 3,133.95 | 10  | 2,773.21 | 10  | 2,412.54 |
| 1/4 |       | 1/4 |       | 1/4 | 4,559.05 | 1/4 | 4,313.73 | 1/4 | 4,053.39 | 1/4 | 3,786.14 | 1/4 | 3,487.37 | 1/4 | 3,126.43 | 1/4 | 2,765.70 | 1/4 | 2,405.02 |
| 1/2 |       | 1/2 |       | 1/2 | 4,554.07 | 1/2 | 4,308.43 | 1/2 | 4,047.84 | 1/2 | 3,780.57 | 1/2 | 3,479.83 | 1/2 | 3,118.92 | 1/2 | 2,758.18 | 1/2 | 2,397.50 |
| 3/4 |       | 3/4 |       | 3/4 | 4,549.09 | 3/4 | 4,303.13 | 3/4 | 4,042.29 | 3/4 | 3,775.01 | 3/4 | 3,472.29 | 3/4 | 3,111.40 | 3/4 | 2,750.66 | 3/4 | 2,389.99 |
| 11  |       | 11  |       | 11  | 4,544.09 | 11  | 4,297.81 | 11  | 4,036.72 | 11  | 3,769.44 | 11  | 3,464.76 | 11  | 3,103.89 | 11  | 2,743.15 | 11  | 2,382.47 |
| 1/4 |       | 1/4 |       | 1/4 | 4,539.09 | 1/4 | 4,292.49 | 1/4 | 4,031.16 | 1/4 | 3,763.87 | 1/4 | 3,457.23 | 1/4 | 3,096.37 | 1/4 | 2,735.63 | 1/4 | 2,374.95 |
| 1/2 |       | 1/2 |       | 1/2 | 4,534.09 | 1/2 | 4,287.18 | 1/2 | 4,025.59 | 1/2 | 3,758.30 | 1/2 | 3,449.70 | 1/2 | 3,088.86 | 1/2 | 2,728.12 | 1/2 | 2,367.43 |
| 3/4 |       | 3/4 |       | 3/4 | 4,529.09 | 3/4 | 4,281.86 | 3/4 | 4,020.03 | 3/4 | 3,752.73 | 3/4 | 3,442.17 | 3/4 | 3,081.34 | 3/4 | 2,720.60 | 3/4 | 2,359.91 |

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 TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 10'-09" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "TMTB 107"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-06 3/4"

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   | 1,993.46 | 0   | 1,634.00 | 0   | 1,272.91 | 0   | 912.65 | 0   | 565.09 | 0   | 203.85 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,986.02 | 1/4 | 1,626.48 | 1/4 | 1,265.39 | 1/4 | 905.40 | 1/4 | 557.57 | 1/4 | 196.32 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,978.57 | 1/2 | 1,618.96 | 1/2 | 1,257.87 | 1/2 | 898.15 | 1/2 | 550.04 | 1/2 | 188.80 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,971.13 | 3/4 | 1,611.44 | 3/4 | 1,250.34 | 3/4 | 890.91 | 3/4 | 542.52 | 3/4 | 181.27 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,963.68 | 1   | 1,603.91 | 1   | 1,242.82 | 1   | 883.66 | 1   | 534.99 | 1   | 173.74 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,956.24 | 1/4 | 1,596.39 | 1/4 | 1,235.30 | 1/4 | 876.42 | 1/4 | 527.46 | 1/4 | 166.22 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,948.79 | 1/2 | 1,588.87 | 1/2 | 1,227.77 | 1/2 | 869.17 | 1/2 | 519.94 | 1/2 | 158.69 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,941.35 | 3/4 | 1,581.34 | 3/4 | 1,220.25 | 3/4 | 861.93 | 3/4 | 512.41 | 3/4 | 151.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,933.90 | 2   | 1,573.82 | 2   | 1,212.73 | 2   | 854.68 | 2   | 504.89 | 2   | 143.62 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,926.46 | 1/4 | 1,566.30 | 1/4 | 1,205.21 | 1/4 | 847.44 | 1/4 | 497.36 | 1/4 | 136.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,919.01 | 1/2 | 1,558.78 | 1/2 | 1,197.68 | 1/2 | 840.19 | 1/2 | 489.83 | 1/2 | 128.55 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,911.57 | 3/4 | 1,551.25 | 3/4 | 1,190.16 | 3/4 | 832.94 | 3/4 | 482.31 | 3/4 | 121.02 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,904.12 | 3   | 1,543.73 | 3   | 1,182.64 | 3   | 825.72 | 3   | 474.78 | 3   | 113.48 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,896.68 | 1/4 | 1,536.21 | 1/4 | 1,175.11 | 1/4 | 818.49 | 1/4 | 467.26 | 1/4 | 105.94 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,889.23 | 1/2 | 1,528.69 | 1/2 | 1,167.59 | 1/2 | 811.26 | 1/2 | 459.73 | 1/2 | 98.40  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,881.79 | 3/4 | 1,521.16 | 3/4 | 1,160.07 | 3/4 | 804.03 | 3/4 | 452.20 | 3/4 | 90.87  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,874.34 | 4   | 1,513.64 | 4   | 1,152.55 | 4   | 796.82 | 4   | 444.68 | 4   | 83.33  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,866.90 | 1/4 | 1,506.12 | 1/4 | 1,145.02 | 1/4 | 789.61 | 1/4 | 437.15 | 1/4 | 75.79  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,859.45 | 1/2 | 1,498.60 | 1/2 | 1,137.50 | 1/2 | 782.39 | 1/2 | 429.63 | 1/2 | 68.25  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,852.01 | 3/4 | 1,491.07 | 3/4 | 1,129.98 | 3/4 | 775.18 | 3/4 | 422.10 | 3/4 | 60.72  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,844.52 | 5   | 1,483.55 | 5   | 1,122.45 | 5   | 767.97 | 5   | 414.57 | 5   | 53.81  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,837.04 | 1/4 | 1,476.03 | 1/4 | 1,114.93 | 1/4 | 760.76 | 1/4 | 407.05 | 1/4 | 46.90  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,829.56 | 1/2 | 1,468.50 | 1/2 | 1,107.41 | 1/2 | 753.55 | 1/2 | 399.52 | 1/2 | 39.99  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,822.07 | 3/4 | 1,460.98 | 3/4 | 1,099.89 | 3/4 | 746.33 | 3/4 | 392.00 | 3/4 | 33.08  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,814.55 | 6   | 1,453.46 | 6   | 1,092.36 | 6   | 739.12 | 6   | 384.47 | 6   | 28.05  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,807.03 | 1/4 | 1,445.94 | 1/4 | 1,084.84 | 1/4 | 731.91 | 1/4 | 376.94 | 1/4 | 23.03  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,799.50 | 1/2 | 1,438.41 | 1/2 | 1,077.32 | 1/2 | 724.70 | 1/2 | 369.42 | 1/2 | 18.00  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,791.98 | 3/4 | 1,430.89 | 3/4 | 1,069.79 | 3/4 | 717.49 | 3/4 | 361.89 | 3/4 | 12.97  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,784.46 | 7   | 1,423.37 | 7   | 1,062.27 | 7   | 710.27 | 7   | 354.37 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,776.94 | 1/4 | 1,415.85 | 1/4 | 1,054.75 | 1/4 | 703.06 | 1/4 | 346.84 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,769.41 | 1/2 | 1,408.32 | 1/2 | 1,047.22 | 1/2 | 695.85 | 1/2 | 339.31 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,761.89 | 3/4 | 1,400.80 | 3/4 | 1,039.70 | 3/4 | 688.64 | 3/4 | 331.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,754.37 | 8   | 1,393.28 | 8   | 1,032.18 | 8   | 681.43 | 8   | 324.26 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,746.84 | 1/4 | 1,385.75 | 1/4 | 1,024.66 | 1/4 | 674.21 | 1/4 | 316.74 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,739.32 | 1/2 | 1,378.23 | 1/2 | 1,017.13 | 1/2 | 667.00 | 1/2 | 309.21 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,731.80 | 3/4 | 1,370.71 | 3/4 | 1,009.61 | 3/4 | 659.79 | 3/4 | 301.68 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,724.28 | 9   | 1,363.19 | 9   | 1,002.09 | 9   | 652.58 | 9   | 294.16 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,716.75 | 1/4 | 1,355.66 | 1/4 | 994.56   | 1/4 | 645.37 | 1/4 | 286.63 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,709.23 | 1/2 | 1,348.14 | 1/2 | 987.04   | 1/2 | 638.16 | 1/2 | 279.11 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,701.71 | 3/4 | 1,340.62 | 3/4 | 979.52   | 3/4 | 630.94 | 3/4 | 271.58 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,694.19 | 10  | 1,333.10 | 10  | 972.00   | 10  | 623.73 | 10  | 264.05 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,686.66 | 1/4 | 1,325.57 | 1/4 | 964.47   | 1/4 | 616.52 | 1/4 | 256.53 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,679.14 | 1/2 | 1,318.05 | 1/2 | 956.95   | 1/2 | 609.31 | 1/2 | 249.00 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,671.62 | 3/4 | 1,310.53 | 3/4 | 949.43   | 3/4 | 602.10 | 3/4 | 241.48 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,664.09 | 11  | 1,303.00 | 11  | 942.04   | 11  | 594.73 | 11  | 233.95 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,656.57 | 1/4 | 1,295.48 | 1/4 | 934.66   | 1/4 | 587.36 | 1/4 | 226.43 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,649.05 | 1/2 | 1,287.96 | 1/2 | 927.27   | 1/2 | 579.99 | 1/2 | 218.90 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,641.53 | 3/4 | 1,280.43 | 3/4 | 919.89   | 3/4 | 572.62 | 3/4 | 211.38 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/19/2021 JS  
CALCULATED: 03/21/2021 CL  
PRINTED: 03/22/2021 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 03/2021

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