



# BARGE "GMS 957"

INNAGE (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 | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |
| 1 STBD | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |
| 2 PORT | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       | - 00-1/8   | 00-1/8       |
| 2 STBD | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-1/8   | 00-1/8       |
| 3 PORT | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |
| 3 STBD | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"  
 AFT DRAFT = 8'-00"  
 DIFF. = 6'-00" (DOWN BY STERN)

THE CORRECTION FOR 6'-00" TRIM DOWN BY STERN FOR 2 PORT IS 00-1/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED INNAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

October 28, 2020

PRECISION MEASUREMENT  
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# BARGE "GMS 957"

## 1 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-09 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.28  | 0   | 303.59 | 0   | 652.99   | 0   | 1,009.17 | 0   | 1,366.52 | 0   | 1,724.56 | 0   | 2,082.59 | 0   | 2,440.63 | 0   | 2,798.61 | 0   | 3,156.54 |
| 1/4 | 18.33  | 1/4 | 310.48 | 1/4 | 660.45   | 1/4 | 1,016.57 | 1/4 | 1,373.98 | 1/4 | 1,732.02 | 1/4 | 2,090.05 | 1/4 | 2,448.09 | 1/4 | 2,806.06 | 1/4 | 3,163.99 |
| 1/2 | 21.37  | 1/2 | 317.37 | 1/2 | 667.91   | 1/2 | 1,023.97 | 1/2 | 1,381.44 | 1/2 | 1,739.48 | 1/2 | 2,097.51 | 1/2 | 2,455.55 | 1/2 | 2,813.52 | 1/2 | 3,171.45 |
| 3/4 | 24.41  | 3/4 | 324.26 | 3/4 | 675.37   | 3/4 | 1,031.37 | 3/4 | 1,388.90 | 3/4 | 1,746.93 | 3/4 | 2,104.97 | 3/4 | 2,463.01 | 3/4 | 2,820.98 | 3/4 | 3,178.91 |
| 1   | 27.45  | 1   | 331.15 | 1   | 682.83   | 1   | 1,038.77 | 1   | 1,396.36 | 1   | 1,754.39 | 1   | 2,112.43 | 1   | 2,470.47 | 1   | 2,828.43 | 1   | 3,186.36 |
| 1/4 | 32.45  | 1/4 | 338.12 | 1/4 | 690.29   | 1/4 | 1,046.18 | 1/4 | 1,403.82 | 1/4 | 1,761.85 | 1/4 | 2,119.89 | 1/4 | 2,477.93 | 1/4 | 2,835.89 | 1/4 | 3,193.82 |
| 1/2 | 37.44  | 1/2 | 345.10 | 1/2 | 697.75   | 1/2 | 1,053.59 | 1/2 | 1,411.27 | 1/2 | 1,769.31 | 1/2 | 2,127.35 | 1/2 | 2,485.39 | 1/2 | 2,843.35 | 1/2 | 3,201.28 |
| 3/4 | 42.43  | 3/4 | 352.08 | 3/4 | 705.21   | 3/4 | 1,061.00 | 3/4 | 1,418.73 | 3/4 | 1,776.77 | 3/4 | 2,134.81 | 3/4 | 2,492.84 | 3/4 | 2,850.80 | 3/4 | 3,208.74 |
| 2   | 47.43  | 2   | 359.06 | 2   | 712.66   | 2   | 1,068.41 | 2   | 1,426.19 | 2   | 1,784.23 | 2   | 2,142.27 | 2   | 2,500.30 | 2   | 2,858.26 | 2   | 3,216.19 |
| 1/4 | 53.41  | 1/4 | 366.12 | 1/4 | 720.12   | 1/4 | 1,075.84 | 1/4 | 1,433.65 | 1/4 | 1,791.69 | 1/4 | 2,149.73 | 1/4 | 2,507.76 | 1/4 | 2,865.72 | 1/4 | 3,223.65 |
| 1/2 | 59.39  | 1/2 | 373.19 | 1/2 | 727.58   | 1/2 | 1,083.26 | 1/2 | 1,441.11 | 1/2 | 1,799.15 | 1/2 | 2,157.18 | 1/2 | 2,515.22 | 1/2 | 2,873.17 | 1/2 | 3,231.11 |
| 3/4 | 65.36  | 3/4 | 380.25 | 3/4 | 735.04   | 3/4 | 1,090.69 | 3/4 | 1,448.57 | 3/4 | 1,806.61 | 3/4 | 2,164.64 | 3/4 | 2,522.68 | 3/4 | 2,880.63 | 3/4 | 3,238.56 |
| 3   | 71.34  | 3   | 387.32 | 3   | 742.50   | 3   | 1,098.12 | 3   | 1,456.03 | 3   | 1,814.07 | 3   | 2,172.10 | 3   | 2,530.14 | 3   | 2,888.09 | 3   | 3,246.02 |
| 1/4 | 77.43  | 1/4 | 394.47 | 1/4 | 749.96   | 1/4 | 1,105.55 | 1/4 | 1,463.49 | 1/4 | 1,821.53 | 1/4 | 2,179.56 | 1/4 | 2,537.60 | 1/4 | 2,895.55 | 1/4 | 3,253.48 |
| 1/2 | 83.53  | 1/2 | 401.62 | 1/2 | 757.42   | 1/2 | 1,112.97 | 1/2 | 1,470.95 | 1/2 | 1,828.98 | 1/2 | 2,187.02 | 1/2 | 2,545.06 | 1/2 | 2,903.00 | 1/2 | 3,260.93 |
| 3/4 | 89.62  | 3/4 | 408.77 | 3/4 | 764.88   | 3/4 | 1,120.40 | 3/4 | 1,478.41 | 3/4 | 1,836.44 | 3/4 | 2,194.48 | 3/4 | 2,552.52 | 3/4 | 2,910.46 | 3/4 | 3,268.39 |
| 4   | 95.71  | 4   | 415.93 | 4   | 772.34   | 4   | 1,127.83 | 4   | 1,485.87 | 4   | 1,843.90 | 4   | 2,201.94 | 4   | 2,559.98 | 4   | 2,917.92 | 4   | 3,275.85 |
| 1/4 | 101.90 | 1/4 | 423.17 | 1/4 | 779.74   | 1/4 | 1,135.29 | 1/4 | 1,493.32 | 1/4 | 1,851.36 | 1/4 | 2,209.40 | 1/4 | 2,567.44 | 1/4 | 2,925.37 | 1/4 | 3,283.30 |
| 1/2 | 108.09 | 1/2 | 430.41 | 1/2 | 787.15   | 1/2 | 1,142.75 | 1/2 | 1,500.78 | 1/2 | 1,858.82 | 1/2 | 2,216.86 | 1/2 | 2,574.89 | 1/2 | 2,932.83 | 1/2 | 3,290.76 |
| 3/4 | 114.28 | 3/4 | 437.65 | 3/4 | 794.56   | 3/4 | 1,150.21 | 3/4 | 1,508.24 | 3/4 | 1,866.28 | 3/4 | 2,224.32 | 3/4 | 2,582.35 | 3/4 | 2,940.29 | 3/4 | 3,298.22 |
| 5   | 120.46 | 5   | 444.89 | 5   | 801.97   | 5   | 1,157.67 | 5   | 1,515.70 | 5   | 1,873.74 | 5   | 2,231.78 | 5   | 2,589.81 | 5   | 2,947.74 | 5   | 3,305.68 |
| 1/4 | 126.74 | 1/4 | 452.22 | 1/4 | 809.37   | 1/4 | 1,165.12 | 1/4 | 1,523.16 | 1/4 | 1,881.20 | 1/4 | 2,239.23 | 1/4 | 2,597.27 | 1/4 | 2,955.20 | 1/4 | 3,313.13 |
| 1/2 | 133.02 | 1/2 | 459.54 | 1/2 | 816.77   | 1/2 | 1,172.58 | 1/2 | 1,530.62 | 1/2 | 1,888.66 | 1/2 | 2,246.69 | 1/2 | 2,604.73 | 1/2 | 2,962.66 | 1/2 | 3,320.59 |
| 3/4 | 139.30 | 3/4 | 466.87 | 3/4 | 824.17   | 3/4 | 1,180.04 | 3/4 | 1,538.08 | 3/4 | 1,896.12 | 3/4 | 2,254.15 | 3/4 | 2,612.18 | 3/4 | 2,970.11 | 3/4 | 3,328.05 |
| 6   | 145.57 | 6   | 474.20 | 6   | 831.57   | 6   | 1,187.50 | 6   | 1,545.54 | 6   | 1,903.58 | 6   | 2,261.61 | 6   | 2,619.64 | 6   | 2,977.57 | 6   | 3,335.50 |
| 1/4 | 151.94 | 1/4 | 481.61 | 1/4 | 838.97   | 1/4 | 1,194.96 | 1/4 | 1,553.00 | 1/4 | 1,911.03 | 1/4 | 2,269.07 | 1/4 | 2,627.10 | 1/4 | 2,985.03 | 1/4 | 3,342.96 |
| 1/2 | 158.30 | 1/2 | 489.03 | 1/2 | 846.37   | 1/2 | 1,202.42 | 1/2 | 1,560.46 | 1/2 | 1,918.49 | 1/2 | 2,276.53 | 1/2 | 2,634.55 | 1/2 | 2,992.49 | 1/2 | 3,350.42 |
| 3/4 | 164.67 | 3/4 | 496.44 | 3/4 | 853.77   | 3/4 | 1,209.88 | 3/4 | 1,567.92 | 3/4 | 1,925.95 | 3/4 | 2,283.99 | 3/4 | 2,642.01 | 3/4 | 2,999.94 | 3/4 | 3,357.87 |
| 7   | 171.03 | 7   | 503.86 | 7   | 861.17   | 7   | 1,217.34 | 7   | 1,575.38 | 7   | 1,933.41 | 7   | 2,291.45 | 7   | 2,649.47 | 7   | 3,007.40 | 7   | 3,365.33 |
| 1/4 | 177.49 | 1/4 | 511.32 | 1/4 | 868.57   | 1/4 | 1,224.80 | 1/4 | 1,582.83 | 1/4 | 1,940.87 | 1/4 | 2,298.91 | 1/4 | 2,656.92 | 1/4 | 3,014.86 | 1/4 | 3,372.79 |
| 1/2 | 183.94 | 1/2 | 518.78 | 1/2 | 875.97   | 1/2 | 1,232.26 | 1/2 | 1,590.29 | 1/2 | 1,948.33 | 1/2 | 2,306.37 | 1/2 | 2,664.38 | 1/2 | 3,022.31 | 1/2 | 3,380.24 |
| 3/4 | 190.39 | 3/4 | 526.24 | 3/4 | 883.37   | 3/4 | 1,239.72 | 3/4 | 1,597.75 | 3/4 | 1,955.79 | 3/4 | 2,313.83 | 3/4 | 2,671.84 | 3/4 | 3,029.77 | 3/4 | 3,387.70 |
| 8   | 196.84 | 8   | 533.70 | 8   | 890.77   | 8   | 1,247.17 | 8   | 1,605.21 | 8   | 1,963.25 | 8   | 2,321.29 | 8   | 2,679.30 | 8   | 3,037.23 | 8   | 3,395.16 |
| 1/4 | 203.38 | 1/4 | 541.15 | 1/4 | 898.17   | 1/4 | 1,254.63 | 1/4 | 1,612.67 | 1/4 | 1,970.71 | 1/4 | 2,328.74 | 1/4 | 2,686.75 | 1/4 | 3,044.68 | 1/4 | 3,402.61 |
| 1/2 | 209.92 | 1/2 | 548.60 | 1/2 | 905.57   | 1/2 | 1,262.09 | 1/2 | 1,620.13 | 1/2 | 1,978.17 | 1/2 | 2,336.20 | 1/2 | 2,694.21 | 1/2 | 3,052.14 | 1/2 | 3,410.07 |
| 3/4 | 216.46 | 3/4 | 556.06 | 3/4 | 912.97   | 3/4 | 1,269.55 | 3/4 | 1,627.59 | 3/4 | 1,985.63 | 3/4 | 2,343.66 | 3/4 | 2,701.67 | 3/4 | 3,059.60 | 3/4 | 3,417.53 |
| 9   | 223.01 | 9   | 563.51 | 9   | 920.37   | 9   | 1,277.01 | 9   | 1,635.05 | 9   | 1,993.08 | 9   | 2,351.12 | 9   | 2,709.12 | 9   | 3,067.05 | 9   | 3,424.99 |
| 1/4 | 229.63 | 1/4 | 570.96 | 1/4 | 927.77   | 1/4 | 1,284.47 | 1/4 | 1,642.51 | 1/4 | 2,000.54 | 1/4 | 2,358.58 | 1/4 | 2,716.58 | 1/4 | 3,074.51 | 1/4 | 3,432.44 |
| 1/2 | 236.26 | 1/2 | 578.42 | 1/2 | 935.17   | 1/2 | 1,291.93 | 1/2 | 1,649.97 | 1/2 | 2,008.00 | 1/2 | 2,366.04 | 1/2 | 2,724.04 | 1/2 | 3,081.97 | 1/2 | 3,439.90 |
| 3/4 | 242.89 | 3/4 | 585.87 | 3/4 | 942.57   | 3/4 | 1,299.39 | 3/4 | 1,657.43 | 3/4 | 2,015.46 | 3/4 | 2,373.50 | 3/4 | 2,731.49 | 3/4 | 3,089.42 | 3/4 | 3,447.36 |
| 10  | 249.52 | 10  | 593.32 | 10  | 949.97   | 10  | 1,306.85 | 10  | 1,664.88 | 10  | 2,022.92 | 10  | 2,380.96 | 10  | 2,738.95 | 10  | 3,096.88 | 10  | 3,454.81 |
| 1/4 | 256.23 | 1/4 | 600.78 | 1/4 | 957.37   | 1/4 | 1,314.31 | 1/4 | 1,672.34 | 1/4 | 2,030.38 | 1/4 | 2,388.42 | 1/4 | 2,746.41 | 1/4 | 3,104.34 | 1/4 | 3,462.27 |
| 1/2 | 262.95 | 1/2 | 608.24 | 1/2 | 964.77   | 1/2 | 1,321.77 | 1/2 | 1,679.80 | 1/2 | 2,037.84 | 1/2 | 2,395.88 | 1/2 | 2,753.86 | 1/2 | 3,111.80 | 1/2 | 3,469.73 |
| 3/4 | 269.66 | 3/4 | 615.70 | 3/4 | 972.17   | 3/4 | 1,329.22 | 3/4 | 1,687.26 | 3/4 | 2,045.30 | 3/4 | 2,403.34 | 3/4 | 2,761.32 | 3/4 | 3,119.25 | 3/4 | 3,477.18 |
| 11  | 276.38 | 11  | 623.16 | 11  | 979.57   | 11  | 1,336.68 | 11  | 1,694.72 | 11  | 2,052.76 | 11  | 2,410.79 | 11  | 2,768.78 | 11  | 3,126.71 | 11  | 3,484.64 |
| 1/4 | 283.18 | 1/4 | 630.62 | 1/4 | 986.97   | 1/4 | 1,344.14 | 1/4 | 1,702.18 | 1/4 | 2,060.22 | 1/4 | 2,418.25 | 1/4 | 2,776.24 | 1/4 | 3,134.17 | 1/4 | 3,492.10 |
| 1/2 | 289.98 | 1/2 | 638.08 | 1/2 | 994.37   | 1/2 | 1,351.60 | 1/2 | 1,709.64 | 1/2 | 2,067.68 | 1/2 | 2,425.71 | 1/2 | 2,783.69 | 1/2 | 3,141.62 | 1/2 | 3,499.55 |
| 3/4 | 296.78 | 3/4 | 645.53 | 3/4 | 1,001.77 | 3/4 | 1,359.06 | 3/4 | 1,717.10 | 3/4 | 2,075.13 | 3/4 | 2,433.17 | 3/4 | 2,791.15 | 3/4 | 3,149.08 | 3/4 | 3,507.01 |

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
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# BARGE "GMS 957"

## 1 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 3,514.47 | 0   | 3,872.40 | 0   | 4,229.64 | 0   | 4,586.53 | 0   | 4,941.60 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,521.93 | 1/4 | 3,879.86 | 1/4 | 4,237.07 | 1/4 | 4,593.96 | 1/4 | 4,948.89 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,529.38 | 1/2 | 3,887.31 | 1/2 | 4,244.51 | 1/2 | 4,601.40 | 1/2 | 4,956.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,536.84 | 3/4 | 3,894.77 | 3/4 | 4,251.94 | 3/4 | 4,608.83 | 3/4 | 4,963.48 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,544.30 | 1   | 3,902.23 | 1   | 4,259.38 | 1   | 4,616.27 | 1   | 4,970.77 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,551.75 | 1/4 | 3,909.68 | 1/4 | 4,266.81 | 1/4 | 4,623.70 | 1/4 | 4,977.20 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,559.21 | 1/2 | 3,917.14 | 1/2 | 4,274.25 | 1/2 | 4,631.14 | 1/2 | 4,983.63 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,566.67 | 3/4 | 3,924.60 | 3/4 | 4,281.68 | 3/4 | 4,638.57 | 3/4 | 4,990.07 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,574.12 | 2   | 3,932.05 | 2   | 4,289.12 | 2   | 4,646.01 | 2   | 4,996.50 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,581.58 | 1/4 | 3,939.51 | 1/4 | 4,296.55 | 1/4 | 4,653.44 | 1/4 | 5,001.69 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,589.04 | 1/2 | 3,946.97 | 1/2 | 4,303.99 | 1/2 | 4,660.88 | 1/2 | 5,006.87 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,596.49 | 3/4 | 3,954.43 | 3/4 | 4,311.42 | 3/4 | 4,668.31 | 3/4 | 5,012.06 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,603.95 | 3   | 3,961.88 | 3   | 4,318.86 | 3   | 4,675.75 | 3   | 5,017.25 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,611.41 | 1/4 | 3,969.34 | 1/4 | 4,326.29 | 1/4 | 4,683.18 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,618.86 | 1/2 | 3,976.80 | 1/2 | 4,333.73 | 1/2 | 4,690.62 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,626.32 | 3/4 | 3,984.25 | 3/4 | 4,341.16 | 3/4 | 4,698.05 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,633.78 | 4   | 3,991.71 | 4   | 4,348.60 | 4   | 4,705.49 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,641.24 | 1/4 | 3,999.15 | 1/4 | 4,356.03 | 1/4 | 4,712.92 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,648.69 | 1/2 | 4,006.58 | 1/2 | 4,363.47 | 1/2 | 4,720.36 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,656.15 | 3/4 | 4,014.02 | 3/4 | 4,370.91 | 3/4 | 4,727.79 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,663.61 | 5   | 4,021.45 | 5   | 4,378.34 | 5   | 4,735.23 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,671.06 | 1/4 | 4,028.89 | 1/4 | 4,385.78 | 1/4 | 4,742.67 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,678.52 | 1/2 | 4,036.32 | 1/2 | 4,393.21 | 1/2 | 4,750.10 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,685.98 | 3/4 | 4,043.76 | 3/4 | 4,400.65 | 3/4 | 4,757.54 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,693.43 | 6   | 4,051.19 | 6   | 4,408.08 | 6   | 4,764.97 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,700.89 | 1/4 | 4,058.63 | 1/4 | 4,415.52 | 1/4 | 4,772.33 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,708.35 | 1/2 | 4,066.06 | 1/2 | 4,422.95 | 1/2 | 4,779.69 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,715.80 | 3/4 | 4,073.50 | 3/4 | 4,430.39 | 3/4 | 4,787.06 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,723.26 | 7   | 4,080.93 | 7   | 4,437.82 | 7   | 4,794.42 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,730.72 | 1/4 | 4,088.37 | 1/4 | 4,445.26 | 1/4 | 4,801.78 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,738.18 | 1/2 | 4,095.80 | 1/2 | 4,452.69 | 1/2 | 4,809.14 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,745.63 | 3/4 | 4,103.24 | 3/4 | 4,460.13 | 3/4 | 4,816.50 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,753.09 | 8   | 4,110.67 | 8   | 4,467.56 | 8   | 4,823.86 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,760.55 | 1/4 | 4,118.11 | 1/4 | 4,475.00 | 1/4 | 4,831.23 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,768.00 | 1/2 | 4,125.54 | 1/2 | 4,482.43 | 1/2 | 4,838.59 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,775.46 | 3/4 | 4,132.98 | 3/4 | 4,489.87 | 3/4 | 4,845.95 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,782.92 | 9   | 4,140.41 | 9   | 4,497.30 | 9   | 4,853.31 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,790.37 | 1/4 | 4,147.85 | 1/4 | 4,504.74 | 1/4 | 4,860.67 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,797.83 | 1/2 | 4,155.28 | 1/2 | 4,512.17 | 1/2 | 4,868.04 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,805.29 | 3/4 | 4,162.72 | 3/4 | 4,519.61 | 3/4 | 4,875.40 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,812.74 | 10  | 4,170.15 | 10  | 4,527.04 | 10  | 4,882.77 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,820.20 | 1/4 | 4,177.59 | 1/4 | 4,534.48 | 1/4 | 4,890.12 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,827.66 | 1/2 | 4,185.03 | 1/2 | 4,541.91 | 1/2 | 4,897.48 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,835.11 | 3/4 | 4,192.46 | 3/4 | 4,549.35 | 3/4 | 4,904.84 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,842.57 | 11  | 4,199.90 | 11  | 4,556.79 | 11  | 4,912.20 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,850.03 | 1/4 | 4,207.33 | 1/4 | 4,564.22 | 1/4 | 4,919.55 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,857.49 | 1/2 | 4,214.77 | 1/2 | 4,571.66 | 1/2 | 4,926.90 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,864.94 | 3/4 | 4,222.20 | 3/4 | 4,579.09 | 3/4 | 4,934.25 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
Pearland, Texas 77588  
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# BARGE "GMS 957"

1 STBD

## INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09 3/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.29  | 0   | 303.63 | 0   | 653.17   | 0   | 1,010.88 | 0   | 1,368.90 | 0   | 1,727.02 | 0   | 2,085.14 | 0   | 2,443.26 | 0   | 2,801.31 | 0   | 3,159.33 |
| 1/4 | 18.33  | 1/4 | 310.52 | 1/4 | 660.63   | 1/4 | 1,018.33 | 1/4 | 1,376.36 | 1/4 | 1,734.48 | 1/4 | 2,092.60 | 1/4 | 2,450.72 | 1/4 | 2,808.77 | 1/4 | 3,166.78 |
| 1/2 | 21.37  | 1/2 | 317.42 | 1/2 | 668.09   | 1/2 | 1,025.78 | 1/2 | 1,383.82 | 1/2 | 1,741.94 | 1/2 | 2,100.06 | 1/2 | 2,458.18 | 1/2 | 2,816.23 | 1/2 | 3,174.24 |
| 3/4 | 24.41  | 3/4 | 324.31 | 3/4 | 675.55   | 3/4 | 1,033.22 | 3/4 | 1,391.28 | 3/4 | 1,749.40 | 3/4 | 2,107.52 | 3/4 | 2,465.64 | 3/4 | 2,823.69 | 3/4 | 3,181.70 |
| 1   | 27.46  | 1   | 331.20 | 1   | 683.01   | 1   | 1,040.67 | 1   | 1,398.74 | 1   | 1,756.86 | 1   | 2,114.98 | 1   | 2,473.10 | 1   | 2,831.15 | 1   | 3,189.16 |
| 1/4 | 32.45  | 1/4 | 338.18 | 1/4 | 690.47   | 1/4 | 1,048.13 | 1/4 | 1,406.20 | 1/4 | 1,764.32 | 1/4 | 2,122.44 | 1/4 | 2,480.56 | 1/4 | 2,838.61 | 1/4 | 3,196.62 |
| 1/2 | 37.45  | 1/2 | 345.16 | 1/2 | 697.93   | 1/2 | 1,055.58 | 1/2 | 1,413.67 | 1/2 | 1,771.78 | 1/2 | 2,129.90 | 1/2 | 2,488.02 | 1/2 | 2,846.06 | 1/2 | 3,204.08 |
| 3/4 | 42.44  | 3/4 | 352.14 | 3/4 | 705.39   | 3/4 | 1,063.04 | 3/4 | 1,421.13 | 3/4 | 1,779.24 | 3/4 | 2,137.36 | 3/4 | 2,495.48 | 3/4 | 2,853.52 | 3/4 | 3,211.54 |
| 2   | 47.43  | 2   | 359.11 | 2   | 712.85   | 2   | 1,070.49 | 2   | 1,428.59 | 2   | 1,786.71 | 2   | 2,144.82 | 2   | 2,502.94 | 2   | 2,860.98 | 2   | 3,218.99 |
| 1/4 | 53.41  | 1/4 | 366.18 | 1/4 | 720.31   | 1/4 | 1,077.95 | 1/4 | 1,436.05 | 1/4 | 1,794.17 | 1/4 | 2,152.28 | 1/4 | 2,510.40 | 1/4 | 2,868.44 | 1/4 | 3,226.45 |
| 1/2 | 59.39  | 1/2 | 373.25 | 1/2 | 727.77   | 1/2 | 1,085.40 | 1/2 | 1,443.51 | 1/2 | 1,801.63 | 1/2 | 2,159.75 | 1/2 | 2,517.86 | 1/2 | 2,875.90 | 1/2 | 3,233.91 |
| 3/4 | 65.37  | 3/4 | 380.31 | 3/4 | 735.23   | 3/4 | 1,092.86 | 3/4 | 1,450.97 | 3/4 | 1,809.09 | 3/4 | 2,167.21 | 3/4 | 2,525.32 | 3/4 | 2,883.36 | 3/4 | 3,241.37 |
| 3   | 71.35  | 3   | 387.38 | 3   | 742.70   | 3   | 1,100.31 | 3   | 1,458.43 | 3   | 1,816.55 | 3   | 2,174.67 | 3   | 2,532.79 | 3   | 2,890.82 | 3   | 3,248.83 |
| 1/4 | 77.44  | 1/4 | 394.54 | 1/4 | 750.16   | 1/4 | 1,107.77 | 1/4 | 1,465.89 | 1/4 | 1,824.01 | 1/4 | 2,182.13 | 1/4 | 2,540.25 | 1/4 | 2,898.27 | 1/4 | 3,256.29 |
| 1/2 | 83.54  | 1/2 | 401.69 | 1/2 | 757.62   | 1/2 | 1,115.23 | 1/2 | 1,473.35 | 1/2 | 1,831.47 | 1/2 | 2,189.59 | 1/2 | 2,547.71 | 1/2 | 2,905.73 | 1/2 | 3,263.75 |
| 3/4 | 89.63  | 3/4 | 408.84 | 3/4 | 765.08   | 3/4 | 1,122.69 | 3/4 | 1,480.81 | 3/4 | 1,838.93 | 3/4 | 2,197.05 | 3/4 | 2,555.17 | 3/4 | 2,913.19 | 3/4 | 3,271.20 |
| 4   | 95.72  | 4   | 416.00 | 4   | 772.54   | 4   | 1,130.15 | 4   | 1,488.27 | 4   | 1,846.39 | 4   | 2,204.51 | 4   | 2,562.63 | 4   | 2,920.65 | 4   | 3,278.66 |
| 1/4 | 101.91 | 1/4 | 423.24 | 1/4 | 780.00   | 1/4 | 1,137.62 | 1/4 | 1,495.73 | 1/4 | 1,853.85 | 1/4 | 2,211.97 | 1/4 | 2,570.09 | 1/4 | 2,928.11 | 1/4 | 3,286.12 |
| 1/2 | 108.10 | 1/2 | 430.48 | 1/2 | 787.46   | 1/2 | 1,145.08 | 1/2 | 1,503.19 | 1/2 | 1,861.31 | 1/2 | 2,219.43 | 1/2 | 2,577.55 | 1/2 | 2,935.57 | 1/2 | 3,293.58 |
| 3/4 | 114.29 | 3/4 | 437.72 | 3/4 | 794.92   | 3/4 | 1,152.54 | 3/4 | 1,510.66 | 3/4 | 1,868.77 | 3/4 | 2,226.89 | 3/4 | 2,585.01 | 3/4 | 2,943.03 | 3/4 | 3,301.04 |
| 5   | 120.48 | 5   | 444.96 | 5   | 802.38   | 5   | 1,160.00 | 5   | 1,518.12 | 5   | 1,876.23 | 5   | 2,234.35 | 5   | 2,592.47 | 5   | 2,950.48 | 5   | 3,308.50 |
| 1/4 | 126.76 | 1/4 | 452.29 | 1/4 | 809.83   | 1/4 | 1,167.46 | 1/4 | 1,525.58 | 1/4 | 1,883.70 | 1/4 | 2,241.81 | 1/4 | 2,599.93 | 1/4 | 2,957.94 | 1/4 | 3,315.96 |
| 1/2 | 133.04 | 1/2 | 459.62 | 1/2 | 817.27   | 1/2 | 1,174.92 | 1/2 | 1,533.04 | 1/2 | 1,891.16 | 1/2 | 2,249.27 | 1/2 | 2,607.39 | 1/2 | 2,965.40 | 1/2 | 3,323.41 |
| 3/4 | 139.32 | 3/4 | 466.95 | 3/4 | 824.72   | 3/4 | 1,182.38 | 3/4 | 1,540.50 | 3/4 | 1,898.62 | 3/4 | 2,256.74 | 3/4 | 2,614.85 | 3/4 | 2,972.86 | 3/4 | 3,330.87 |
| 6   | 145.59 | 6   | 474.28 | 6   | 832.17   | 6   | 1,189.84 | 6   | 1,547.96 | 6   | 1,906.08 | 6   | 2,264.20 | 6   | 2,622.31 | 6   | 2,980.32 | 6   | 3,338.33 |
| 1/4 | 151.96 | 1/4 | 481.70 | 1/4 | 839.61   | 1/4 | 1,197.30 | 1/4 | 1,555.42 | 1/4 | 1,913.54 | 1/4 | 2,271.66 | 1/4 | 2,629.76 | 1/4 | 2,987.78 | 1/4 | 3,345.79 |
| 1/2 | 158.33 | 1/2 | 489.12 | 1/2 | 847.06   | 1/2 | 1,204.76 | 1/2 | 1,562.88 | 1/2 | 1,921.00 | 1/2 | 2,279.12 | 1/2 | 2,637.22 | 1/2 | 2,995.24 | 1/2 | 3,353.25 |
| 3/4 | 164.69 | 3/4 | 496.53 | 3/4 | 854.51   | 3/4 | 1,212.22 | 3/4 | 1,570.34 | 3/4 | 1,928.46 | 3/4 | 2,286.58 | 3/4 | 2,644.68 | 3/4 | 3,002.69 | 3/4 | 3,360.71 |
| 7   | 171.06 | 7   | 503.95 | 7   | 861.95   | 7   | 1,219.68 | 7   | 1,577.80 | 7   | 1,935.92 | 7   | 2,294.04 | 7   | 2,652.14 | 7   | 3,010.15 | 7   | 3,368.17 |
| 1/4 | 177.51 | 1/4 | 511.41 | 1/4 | 869.40   | 1/4 | 1,227.15 | 1/4 | 1,585.26 | 1/4 | 1,943.38 | 1/4 | 2,301.50 | 1/4 | 2,659.60 | 1/4 | 3,017.61 | 1/4 | 3,375.62 |
| 1/2 | 183.96 | 1/2 | 518.87 | 1/2 | 876.85   | 1/2 | 1,234.61 | 1/2 | 1,592.72 | 1/2 | 1,950.84 | 1/2 | 2,308.96 | 1/2 | 2,667.06 | 1/2 | 3,025.07 | 1/2 | 3,383.08 |
| 3/4 | 190.42 | 3/4 | 526.33 | 3/4 | 884.29   | 3/4 | 1,242.07 | 3/4 | 1,600.19 | 3/4 | 1,958.30 | 3/4 | 2,316.42 | 3/4 | 2,674.52 | 3/4 | 3,032.53 | 3/4 | 3,390.54 |
| 8   | 196.87 | 8   | 533.79 | 8   | 891.74   | 8   | 1,249.53 | 8   | 1,607.65 | 8   | 1,965.76 | 8   | 2,323.88 | 8   | 2,681.97 | 8   | 3,039.99 | 8   | 3,398.00 |
| 1/4 | 203.41 | 1/4 | 541.25 | 1/4 | 899.19   | 1/4 | 1,256.99 | 1/4 | 1,615.11 | 1/4 | 1,973.23 | 1/4 | 2,331.34 | 1/4 | 2,689.43 | 1/4 | 3,047.45 | 1/4 | 3,405.46 |
| 1/2 | 209.95 | 1/2 | 548.71 | 1/2 | 906.63   | 1/2 | 1,264.45 | 1/2 | 1,622.57 | 1/2 | 1,980.69 | 1/2 | 2,338.80 | 1/2 | 2,696.89 | 1/2 | 3,054.90 | 1/2 | 3,412.92 |
| 3/4 | 216.50 | 3/4 | 556.18 | 3/4 | 914.08   | 3/4 | 1,271.91 | 3/4 | 1,630.03 | 3/4 | 1,988.15 | 3/4 | 2,346.27 | 3/4 | 2,704.35 | 3/4 | 3,062.36 | 3/4 | 3,420.38 |
| 9   | 223.04 | 9   | 563.64 | 9   | 921.53   | 9   | 1,279.37 | 9   | 1,637.49 | 9   | 1,995.61 | 9   | 2,353.73 | 9   | 2,711.81 | 9   | 3,069.82 | 9   | 3,427.83 |
| 1/4 | 229.67 | 1/4 | 571.10 | 1/4 | 928.97   | 1/4 | 1,286.83 | 1/4 | 1,644.95 | 1/4 | 2,003.07 | 1/4 | 2,361.19 | 1/4 | 2,719.27 | 1/4 | 3,077.28 | 1/4 | 3,435.29 |
| 1/2 | 236.29 | 1/2 | 578.56 | 1/2 | 936.42   | 1/2 | 1,294.29 | 1/2 | 1,652.41 | 1/2 | 2,010.53 | 1/2 | 2,368.65 | 1/2 | 2,726.73 | 1/2 | 3,084.74 | 1/2 | 3,442.75 |
| 3/4 | 242.92 | 3/4 | 586.02 | 3/4 | 943.87   | 3/4 | 1,301.75 | 3/4 | 1,659.87 | 3/4 | 2,017.99 | 3/4 | 2,376.11 | 3/4 | 2,734.18 | 3/4 | 3,092.20 | 3/4 | 3,450.21 |
| 10  | 249.55 | 10  | 593.48 | 10  | 951.31   | 10  | 1,309.21 | 10  | 1,667.33 | 10  | 2,025.45 | 10  | 2,383.57 | 10  | 2,741.64 | 10  | 3,099.66 | 10  | 3,457.67 |
| 1/4 | 256.27 | 1/4 | 600.94 | 1/4 | 958.76   | 1/4 | 1,316.67 | 1/4 | 1,674.79 | 1/4 | 2,032.91 | 1/4 | 2,391.03 | 1/4 | 2,749.10 | 1/4 | 3,107.11 | 1/4 | 3,465.13 |
| 1/2 | 262.98 | 1/2 | 608.40 | 1/2 | 966.20   | 1/2 | 1,324.14 | 1/2 | 1,682.25 | 1/2 | 2,040.37 | 1/2 | 2,398.49 | 1/2 | 2,756.56 | 1/2 | 3,114.57 | 1/2 | 3,472.59 |
| 3/4 | 269.70 | 3/4 | 615.86 | 3/4 | 973.65   | 3/4 | 1,331.60 | 3/4 | 1,689.71 | 3/4 | 2,047.83 | 3/4 | 2,405.95 | 3/4 | 2,764.02 | 3/4 | 3,122.03 | 3/4 | 3,480.04 |
| 11  | 276.42 | 11  | 623.32 | 11  | 981.10   | 11  | 1,339.06 | 11  | 1,697.18 | 11  | 2,055.29 | 11  | 2,413.41 | 11  | 2,771.48 | 11  | 3,129.49 | 11  | 3,487.50 |
| 1/4 | 283.22 | 1/4 | 630.78 | 1/4 | 988.54   | 1/4 | 1,346.52 | 1/4 | 1,704.64 | 1/4 | 2,062.75 | 1/4 | 2,420.87 | 1/4 | 2,778.94 | 1/4 | 3,136.95 | 1/4 | 3,494.96 |
| 1/2 | 290.02 | 1/2 | 638.24 | 1/2 | 995.99   | 1/2 | 1,353.98 | 1/2 | 1,712.10 | 1/2 | 2,070.22 | 1/2 | 2,428.33 | 1/2 | 2,786.40 | 1/2 | 3,144.41 | 1/2 | 3,502.42 |
| 3/4 | 296.83 | 3/4 | 645.71 | 3/4 | 1,003.44 | 3/4 | 1,361.44 | 3/4 | 1,719.56 | 3/4 | 2,077.68 | 3/4 | 2,435.79 | 3/4 | 2,793.85 | 3/4 | 3,151.87 | 3/4 | 3,509.88 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "GMS 957"

1 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09 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   | 3,517.34 | 0   | 3,875.35 | 0   | 4,232.67 | 0   | 4,589.64 | 0   | 4,944.79 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,524.80 | 1/4 | 3,882.81 | 1/4 | 4,240.11 | 1/4 | 4,597.08 | 1/4 | 4,952.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,532.26 | 1/2 | 3,890.27 | 1/2 | 4,247.54 | 1/2 | 4,604.51 | 1/2 | 4,959.38 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,539.71 | 3/4 | 3,897.73 | 3/4 | 4,254.98 | 3/4 | 4,611.95 | 3/4 | 4,966.68 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,547.17 | 1   | 3,905.19 | 1   | 4,262.42 | 1   | 4,619.39 | 1   | 4,973.97 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,554.63 | 1/4 | 3,912.64 | 1/4 | 4,269.85 | 1/4 | 4,626.82 | 1/4 | 4,980.40 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,562.09 | 1/2 | 3,920.10 | 1/2 | 4,277.29 | 1/2 | 4,634.26 | 1/2 | 4,986.84 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,569.55 | 3/4 | 3,927.56 | 3/4 | 4,284.73 | 3/4 | 4,641.70 | 3/4 | 4,993.27 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,577.01 | 2   | 3,935.02 | 2   | 4,292.16 | 2   | 4,649.14 | 2   | 4,999.70 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,584.47 | 1/4 | 3,942.48 | 1/4 | 4,299.60 | 1/4 | 4,656.57 | 1/4 | 5,004.89 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,591.92 | 1/2 | 3,949.94 | 1/2 | 4,307.04 | 1/2 | 4,664.01 | 1/2 | 5,010.08 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,599.38 | 3/4 | 3,957.40 | 3/4 | 4,314.48 | 3/4 | 4,671.45 | 3/4 | 5,015.27 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,606.84 | 3   | 3,964.85 | 3   | 4,321.91 | 3   | 4,678.88 | 3   | 5,020.46 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,614.30 | 1/4 | 3,972.31 | 1/4 | 4,329.35 | 1/4 | 4,686.32 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,621.76 | 1/2 | 3,979.77 | 1/2 | 4,336.79 | 1/2 | 4,693.76 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,629.22 | 3/4 | 3,987.23 | 3/4 | 4,344.22 | 3/4 | 4,701.19 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,636.68 | 4   | 3,994.69 | 4   | 4,351.66 | 4   | 4,708.63 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,644.13 | 1/4 | 4,002.13 | 1/4 | 4,359.10 | 1/4 | 4,716.07 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,651.59 | 1/2 | 4,009.56 | 1/2 | 4,366.53 | 1/2 | 4,723.50 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,659.05 | 3/4 | 4,017.00 | 3/4 | 4,373.97 | 3/4 | 4,730.94 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,666.51 | 5   | 4,024.44 | 5   | 4,381.41 | 5   | 4,738.38 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,673.97 | 1/4 | 4,031.87 | 1/4 | 4,388.84 | 1/4 | 4,745.82 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,681.43 | 1/2 | 4,039.31 | 1/2 | 4,396.28 | 1/2 | 4,753.25 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,688.89 | 3/4 | 4,046.75 | 3/4 | 4,403.72 | 3/4 | 4,760.69 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,696.34 | 6   | 4,054.18 | 6   | 4,411.15 | 6   | 4,768.13 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,703.80 | 1/4 | 4,061.62 | 1/4 | 4,418.59 | 1/4 | 4,775.49 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,711.26 | 1/2 | 4,069.06 | 1/2 | 4,426.03 | 1/2 | 4,782.85 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,718.72 | 3/4 | 4,076.49 | 3/4 | 4,433.47 | 3/4 | 4,790.22 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,726.18 | 7   | 4,083.93 | 7   | 4,440.90 | 7   | 4,797.58 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,733.64 | 1/4 | 4,091.37 | 1/4 | 4,448.34 | 1/4 | 4,804.94 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,741.10 | 1/2 | 4,098.80 | 1/2 | 4,455.78 | 1/2 | 4,812.31 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,748.55 | 3/4 | 4,106.24 | 3/4 | 4,463.21 | 3/4 | 4,819.67 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,756.01 | 8   | 4,113.68 | 8   | 4,470.65 | 8   | 4,827.03 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,763.47 | 1/4 | 4,121.12 | 1/4 | 4,478.09 | 1/4 | 4,834.39 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,770.93 | 1/2 | 4,128.55 | 1/2 | 4,485.52 | 1/2 | 4,841.76 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,778.39 | 3/4 | 4,135.99 | 3/4 | 4,492.96 | 3/4 | 4,849.12 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,785.85 | 9   | 4,143.43 | 9   | 4,500.40 | 9   | 4,856.48 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,793.31 | 1/4 | 4,150.86 | 1/4 | 4,507.83 | 1/4 | 4,863.85 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,800.76 | 1/2 | 4,158.30 | 1/2 | 4,515.27 | 1/2 | 4,871.21 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,808.22 | 3/4 | 4,165.74 | 3/4 | 4,522.71 | 3/4 | 4,878.58 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,815.68 | 10  | 4,173.17 | 10  | 4,530.15 | 10  | 4,885.94 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,823.14 | 1/4 | 4,180.61 | 1/4 | 4,537.58 | 1/4 | 4,893.31 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,830.60 | 1/2 | 4,188.05 | 1/2 | 4,545.02 | 1/2 | 4,900.67 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,838.06 | 3/4 | 4,195.48 | 3/4 | 4,552.46 | 3/4 | 4,908.03 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,845.52 | 11  | 4,202.92 | 11  | 4,559.89 | 11  | 4,915.39 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,852.97 | 1/4 | 4,210.36 | 1/4 | 4,567.33 | 1/4 | 4,922.74 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,860.43 | 1/2 | 4,217.80 | 1/2 | 4,574.77 | 1/2 | 4,930.09 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,867.89 | 3/4 | 4,225.23 | 3/4 | 4,582.20 | 3/4 | 4,937.44 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 957"

## 2 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-09 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   | 15.32  | 0   | 359.15 | 0   | 718.14   | 0   | 1,067.40 | 0   | 1,421.64 | 0   | 1,780.63 | 0   | 2,139.62 | 0   | 2,498.60 | 0   | 2,857.59 | 0   | 3,216.58 |
| 1/4 | 20.00  | 1/4 | 366.63 | 1/4 | 725.62   | 1/4 | 1,074.57 | 1/4 | 1,429.12 | 1/4 | 1,788.11 | 1/4 | 2,147.10 | 1/4 | 2,506.08 | 1/4 | 2,865.07 | 1/4 | 3,224.06 |
| 1/2 | 24.67  | 1/2 | 374.11 | 1/2 | 733.10   | 1/2 | 1,081.75 | 1/2 | 1,436.60 | 1/2 | 1,795.59 | 1/2 | 2,154.57 | 1/2 | 2,513.56 | 1/2 | 2,872.55 | 1/2 | 3,231.54 |
| 3/4 | 29.35  | 3/4 | 381.59 | 3/4 | 740.58   | 3/4 | 1,088.92 | 3/4 | 1,444.08 | 3/4 | 1,803.07 | 3/4 | 2,162.05 | 3/4 | 2,521.04 | 3/4 | 2,880.03 | 3/4 | 3,239.02 |
| 1   | 34.02  | 1   | 389.07 | 1   | 748.05   | 1   | 1,096.09 | 1   | 1,451.56 | 1   | 1,810.55 | 1   | 2,169.53 | 1   | 2,528.52 | 1   | 2,887.51 | 1   | 3,246.49 |
| 1/4 | 40.56  | 1/4 | 396.55 | 1/4 | 755.53   | 1/4 | 1,103.27 | 1/4 | 1,459.04 | 1/4 | 1,818.02 | 1/4 | 2,177.01 | 1/4 | 2,536.00 | 1/4 | 2,894.99 | 1/4 | 3,253.97 |
| 1/2 | 47.10  | 1/2 | 404.03 | 1/2 | 763.01   | 1/2 | 1,110.45 | 1/2 | 1,466.52 | 1/2 | 1,825.50 | 1/2 | 2,184.49 | 1/2 | 2,543.48 | 1/2 | 2,902.46 | 1/2 | 3,261.45 |
| 3/4 | 53.65  | 3/4 | 411.50 | 3/4 | 770.49   | 3/4 | 1,117.63 | 3/4 | 1,473.99 | 3/4 | 1,832.98 | 3/4 | 2,191.97 | 3/4 | 2,550.96 | 3/4 | 2,909.94 | 3/4 | 3,268.93 |
| 2   | 60.19  | 2   | 418.98 | 2   | 777.97   | 2   | 1,124.81 | 2   | 1,481.47 | 2   | 1,840.46 | 2   | 2,199.45 | 2   | 2,558.44 | 2   | 2,917.42 | 2   | 3,276.41 |
| 1/4 | 67.63  | 1/4 | 426.46 | 1/4 | 785.45   | 1/4 | 1,131.99 | 1/4 | 1,488.95 | 1/4 | 1,847.94 | 1/4 | 2,206.93 | 1/4 | 2,565.91 | 1/4 | 2,924.90 | 1/4 | 3,283.89 |
| 1/2 | 75.08  | 1/2 | 433.94 | 1/2 | 792.93   | 1/2 | 1,139.17 | 1/2 | 1,496.43 | 1/2 | 1,855.42 | 1/2 | 2,214.41 | 1/2 | 2,573.39 | 1/2 | 2,932.38 | 1/2 | 3,291.37 |
| 3/4 | 82.52  | 3/4 | 441.42 | 3/4 | 800.41   | 3/4 | 1,146.35 | 3/4 | 1,503.91 | 3/4 | 1,862.90 | 3/4 | 2,221.88 | 3/4 | 2,580.87 | 3/4 | 2,939.86 | 3/4 | 3,298.85 |
| 3   | 89.96  | 3   | 448.90 | 3   | 807.89   | 3   | 1,153.53 | 3   | 1,511.39 | 3   | 1,870.38 | 3   | 2,229.36 | 3   | 2,588.35 | 3   | 2,947.34 | 3   | 3,306.33 |
| 1/4 | 97.43  | 1/4 | 456.38 | 1/4 | 815.37   | 1/4 | 1,160.73 | 1/4 | 1,518.87 | 1/4 | 1,877.86 | 1/4 | 2,236.84 | 1/4 | 2,595.83 | 1/4 | 2,954.82 | 1/4 | 3,313.80 |
| 1/2 | 104.90 | 1/2 | 463.86 | 1/2 | 822.84   | 1/2 | 1,167.93 | 1/2 | 1,526.35 | 1/2 | 1,885.33 | 1/2 | 2,244.32 | 1/2 | 2,603.31 | 1/2 | 2,962.30 | 1/2 | 3,321.28 |
| 3/4 | 112.36 | 3/4 | 471.34 | 3/4 | 830.32   | 3/4 | 1,175.12 | 3/4 | 1,533.83 | 3/4 | 1,892.81 | 3/4 | 2,251.80 | 3/4 | 2,610.79 | 3/4 | 2,969.77 | 3/4 | 3,328.76 |
| 4   | 119.83 | 4   | 478.81 | 4   | 837.80   | 4   | 1,182.32 | 4   | 1,541.31 | 4   | 1,900.29 | 4   | 2,259.28 | 4   | 2,618.27 | 4   | 2,977.25 | 4   | 3,336.24 |
| 1/4 | 127.31 | 1/4 | 486.29 | 1/4 | 845.00   | 1/4 | 1,189.80 | 1/4 | 1,548.78 | 1/4 | 1,907.77 | 1/4 | 2,266.76 | 1/4 | 2,625.75 | 1/4 | 2,984.73 | 1/4 | 3,343.72 |
| 1/2 | 134.79 | 1/2 | 493.77 | 1/2 | 852.19   | 1/2 | 1,197.28 | 1/2 | 1,556.26 | 1/2 | 1,915.25 | 1/2 | 2,274.24 | 1/2 | 2,633.22 | 1/2 | 2,992.21 | 1/2 | 3,351.20 |
| 3/4 | 142.27 | 3/4 | 501.25 | 3/4 | 859.39   | 3/4 | 1,204.75 | 3/4 | 1,563.74 | 3/4 | 1,922.73 | 3/4 | 2,281.72 | 3/4 | 2,640.70 | 3/4 | 2,999.69 | 3/4 | 3,358.68 |
| 5   | 149.74 | 5   | 508.73 | 5   | 866.59   | 5   | 1,212.23 | 5   | 1,571.22 | 5   | 1,930.21 | 5   | 2,289.20 | 5   | 2,648.18 | 5   | 3,007.17 | 5   | 3,366.16 |
| 1/4 | 157.22 | 1/4 | 516.21 | 1/4 | 873.76   | 1/4 | 1,219.71 | 1/4 | 1,578.70 | 1/4 | 1,937.69 | 1/4 | 2,296.67 | 1/4 | 2,655.66 | 1/4 | 3,014.65 | 1/4 | 3,373.64 |
| 1/2 | 164.70 | 1/2 | 523.69 | 1/2 | 880.93   | 1/2 | 1,227.19 | 1/2 | 1,586.18 | 1/2 | 1,945.17 | 1/2 | 2,304.15 | 1/2 | 2,663.14 | 1/2 | 3,022.13 | 1/2 | 3,381.11 |
| 3/4 | 172.18 | 3/4 | 531.17 | 3/4 | 888.10   | 3/4 | 1,234.67 | 3/4 | 1,593.66 | 3/4 | 1,952.64 | 3/4 | 2,311.63 | 3/4 | 2,670.62 | 3/4 | 3,029.61 | 3/4 | 3,388.59 |
| 6   | 179.66 | 6   | 538.65 | 6   | 895.27   | 6   | 1,242.15 | 6   | 1,601.14 | 6   | 1,960.12 | 6   | 2,319.11 | 6   | 2,678.10 | 6   | 3,037.09 | 6   | 3,396.07 |
| 1/4 | 187.14 | 1/4 | 546.12 | 1/4 | 902.45   | 1/4 | 1,249.63 | 1/4 | 1,608.62 | 1/4 | 1,967.60 | 1/4 | 2,326.59 | 1/4 | 2,685.58 | 1/4 | 3,044.56 | 1/4 | 3,403.55 |
| 1/2 | 194.62 | 1/2 | 553.60 | 1/2 | 909.62   | 1/2 | 1,257.11 | 1/2 | 1,616.09 | 1/2 | 1,975.08 | 1/2 | 2,334.07 | 1/2 | 2,693.06 | 1/2 | 3,052.04 | 1/2 | 3,411.03 |
| 3/4 | 202.10 | 3/4 | 561.08 | 3/4 | 916.79   | 3/4 | 1,264.59 | 3/4 | 1,623.57 | 3/4 | 1,982.56 | 3/4 | 2,341.55 | 3/4 | 2,700.53 | 3/4 | 3,059.52 | 3/4 | 3,418.51 |
| 7   | 209.57 | 7   | 568.56 | 7   | 923.96   | 7   | 1,272.06 | 7   | 1,631.05 | 7   | 1,990.04 | 7   | 2,349.03 | 7   | 2,708.01 | 7   | 3,067.00 | 7   | 3,425.99 |
| 1/4 | 217.05 | 1/4 | 576.04 | 1/4 | 931.13   | 1/4 | 1,279.54 | 1/4 | 1,638.53 | 1/4 | 1,997.52 | 1/4 | 2,356.51 | 1/4 | 2,715.49 | 1/4 | 3,074.48 | 1/4 | 3,433.47 |
| 1/2 | 224.53 | 1/2 | 583.52 | 1/2 | 938.31   | 1/2 | 1,287.02 | 1/2 | 1,646.01 | 1/2 | 2,005.00 | 1/2 | 2,363.98 | 1/2 | 2,722.97 | 1/2 | 3,081.96 | 1/2 | 3,440.95 |
| 3/4 | 232.01 | 3/4 | 591.00 | 3/4 | 945.48   | 3/4 | 1,294.50 | 3/4 | 1,653.49 | 3/4 | 2,012.48 | 3/4 | 2,371.46 | 3/4 | 2,730.45 | 3/4 | 3,089.44 | 3/4 | 3,448.42 |
| 8   | 239.49 | 8   | 598.48 | 8   | 952.65   | 8   | 1,301.98 | 8   | 1,660.97 | 8   | 2,019.95 | 8   | 2,378.94 | 8   | 2,737.93 | 8   | 3,096.92 | 8   | 3,455.90 |
| 1/4 | 246.97 | 1/4 | 605.96 | 1/4 | 959.82   | 1/4 | 1,309.46 | 1/4 | 1,668.45 | 1/4 | 2,027.43 | 1/4 | 2,386.42 | 1/4 | 2,745.41 | 1/4 | 3,104.40 | 1/4 | 3,463.38 |
| 1/2 | 254.45 | 1/2 | 613.43 | 1/2 | 966.99   | 1/2 | 1,316.94 | 1/2 | 1,675.93 | 1/2 | 2,034.91 | 1/2 | 2,393.90 | 1/2 | 2,752.89 | 1/2 | 3,111.87 | 1/2 | 3,470.86 |
| 3/4 | 261.93 | 3/4 | 620.91 | 3/4 | 974.17   | 3/4 | 1,324.42 | 3/4 | 1,683.40 | 3/4 | 2,042.39 | 3/4 | 2,401.38 | 3/4 | 2,760.37 | 3/4 | 3,119.35 | 3/4 | 3,478.34 |
| 9   | 269.41 | 9   | 628.39 | 9   | 981.34   | 9   | 1,331.90 | 9   | 1,690.88 | 9   | 2,049.87 | 9   | 2,408.86 | 9   | 2,767.84 | 9   | 3,126.83 | 9   | 3,485.82 |
| 1/4 | 276.88 | 1/4 | 635.87 | 1/4 | 988.51   | 1/4 | 1,339.37 | 1/4 | 1,698.36 | 1/4 | 2,057.35 | 1/4 | 2,416.34 | 1/4 | 2,775.32 | 1/4 | 3,134.31 | 1/4 | 3,493.30 |
| 1/2 | 284.36 | 1/2 | 643.35 | 1/2 | 995.68   | 1/2 | 1,346.85 | 1/2 | 1,705.84 | 1/2 | 2,064.83 | 1/2 | 2,423.82 | 1/2 | 2,782.80 | 1/2 | 3,141.79 | 1/2 | 3,500.78 |
| 3/4 | 291.84 | 3/4 | 650.83 | 3/4 | 1,002.85 | 3/4 | 1,354.33 | 3/4 | 1,713.32 | 3/4 | 2,072.31 | 3/4 | 2,431.29 | 3/4 | 2,790.28 | 3/4 | 3,149.27 | 3/4 | 3,508.26 |
| 10  | 299.32 | 10  | 658.31 | 10  | 1,010.03 | 10  | 1,361.81 | 10  | 1,720.80 | 10  | 2,079.79 | 10  | 2,438.77 | 10  | 2,797.76 | 10  | 3,156.75 | 10  | 3,515.73 |
| 1/4 | 306.80 | 1/4 | 665.79 | 1/4 | 1,017.20 | 1/4 | 1,369.29 | 1/4 | 1,728.28 | 1/4 | 2,087.26 | 1/4 | 2,446.25 | 1/4 | 2,805.24 | 1/4 | 3,164.23 | 1/4 | 3,523.21 |
| 1/2 | 314.28 | 1/2 | 673.27 | 1/2 | 1,024.37 | 1/2 | 1,376.77 | 1/2 | 1,735.76 | 1/2 | 2,094.74 | 1/2 | 2,453.73 | 1/2 | 2,812.72 | 1/2 | 3,171.71 | 1/2 | 3,530.69 |
| 3/4 | 321.76 | 3/4 | 680.74 | 3/4 | 1,031.54 | 3/4 | 1,384.25 | 3/4 | 1,743.24 | 3/4 | 2,102.22 | 3/4 | 2,461.21 | 3/4 | 2,820.20 | 3/4 | 3,179.18 | 3/4 | 3,538.17 |
| 11  | 329.24 | 11  | 688.22 | 11  | 1,038.71 | 11  | 1,391.73 | 11  | 1,750.71 | 11  | 2,109.70 | 11  | 2,468.69 | 11  | 2,827.68 | 11  | 3,186.66 | 11  | 3,545.65 |
| 1/4 | 336.72 | 1/4 | 695.70 | 1/4 | 1,045.89 | 1/4 | 1,399.21 | 1/4 | 1,758.19 | 1/4 | 2,117.18 | 1/4 | 2,476.17 | 1/4 | 2,835.15 | 1/4 | 3,194.14 | 1/4 | 3,553.13 |
| 1/2 | 344.19 | 1/2 | 703.18 | 1/2 | 1,053.06 | 1/2 | 1,406.68 | 1/2 | 1,765.67 | 1/2 | 2,124.66 | 1/2 | 2,483.65 | 1/2 | 2,842.63 | 1/2 | 3,201.62 | 1/2 | 3,560.61 |
| 3/4 | 351.67 | 3/4 | 710.66 | 3/4 | 1,060.23 | 3/4 | 1,414.16 | 3/4 | 1,773.15 | 3/4 | 2,132.14 | 3/4 | 2,491.13 | 3/4 | 2,850.11 | 3/4 | 3,209.10 | 3/4 | 3,568.09 |

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 "GMS 957"

## 2 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 3,575.57 | 0   | 3,934.55 | 0   | 4,292.84 | 0   | 4,650.78 | 0   | 5,007.06 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,583.04 | 1/4 | 3,942.03 | 1/4 | 4,300.30 | 1/4 | 4,658.23 | 1/4 | 5,014.38 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,590.52 | 1/2 | 3,949.51 | 1/2 | 4,307.75 | 1/2 | 4,665.69 | 1/2 | 5,021.70 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,598.00 | 3/4 | 3,956.99 | 3/4 | 4,315.21 | 3/4 | 4,673.15 | 3/4 | 5,029.02 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,605.48 | 1   | 3,964.47 | 1   | 4,322.67 | 1   | 4,680.60 | 1   | 5,036.34 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,612.96 | 1/4 | 3,971.95 | 1/4 | 4,330.12 | 1/4 | 4,688.06 | 1/4 | 5,042.80 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,620.44 | 1/2 | 3,979.43 | 1/2 | 4,337.58 | 1/2 | 4,695.52 | 1/2 | 5,049.25 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,627.92 | 3/4 | 3,986.91 | 3/4 | 4,345.04 | 3/4 | 4,702.97 | 3/4 | 5,055.71 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,635.40 | 2   | 3,994.38 | 2   | 4,352.50 | 2   | 4,710.43 | 2   | 5,062.16 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,642.88 | 1/4 | 4,001.86 | 1/4 | 4,359.95 | 1/4 | 4,717.89 | 1/4 | 5,067.37 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,650.35 | 1/2 | 4,009.34 | 1/2 | 4,367.41 | 1/2 | 4,725.35 | 1/2 | 5,072.58 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,657.83 | 3/4 | 4,016.82 | 3/4 | 4,374.87 | 3/4 | 4,732.80 | 3/4 | 5,077.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,665.31 | 3   | 4,024.30 | 3   | 4,382.32 | 3   | 4,740.26 | 3   | 5,083.00 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,672.79 | 1/4 | 4,031.78 | 1/4 | 4,389.78 | 1/4 | 4,747.72 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,680.27 | 1/2 | 4,039.26 | 1/2 | 4,397.24 | 1/2 | 4,755.17 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,687.75 | 3/4 | 4,046.74 | 3/4 | 4,404.69 | 3/4 | 4,762.63 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,695.23 | 4   | 4,054.22 | 4   | 4,412.15 | 4   | 4,770.09 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,702.71 | 1/4 | 4,061.67 | 1/4 | 4,419.61 | 1/4 | 4,777.54 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,710.19 | 1/2 | 4,069.13 | 1/2 | 4,427.07 | 1/2 | 4,785.00 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,717.66 | 3/4 | 4,076.59 | 3/4 | 4,434.52 | 3/4 | 4,792.46 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,725.14 | 5   | 4,084.04 | 5   | 4,441.98 | 5   | 4,799.92 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,732.62 | 1/4 | 4,091.50 | 1/4 | 4,449.44 | 1/4 | 4,807.37 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,740.10 | 1/2 | 4,098.96 | 1/2 | 4,456.89 | 1/2 | 4,814.83 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,747.58 | 3/4 | 4,106.41 | 3/4 | 4,464.35 | 3/4 | 4,822.29 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,755.06 | 6   | 4,113.87 | 6   | 4,471.81 | 6   | 4,829.74 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,762.54 | 1/4 | 4,121.33 | 1/4 | 4,479.26 | 1/4 | 4,837.13 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,770.02 | 1/2 | 4,128.79 | 1/2 | 4,486.72 | 1/2 | 4,844.53 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,777.50 | 3/4 | 4,136.24 | 3/4 | 4,494.18 | 3/4 | 4,851.92 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,784.98 | 7   | 4,143.70 | 7   | 4,501.64 | 7   | 4,859.31 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,792.45 | 1/4 | 4,151.16 | 1/4 | 4,509.09 | 1/4 | 4,866.70 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,799.93 | 1/2 | 4,158.61 | 1/2 | 4,516.55 | 1/2 | 4,874.09 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,807.41 | 3/4 | 4,166.07 | 3/4 | 4,524.01 | 3/4 | 4,881.48 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,814.89 | 8   | 4,173.53 | 8   | 4,531.46 | 8   | 4,888.87 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,822.37 | 1/4 | 4,180.98 | 1/4 | 4,538.92 | 1/4 | 4,896.27 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,829.85 | 1/2 | 4,188.44 | 1/2 | 4,546.38 | 1/2 | 4,903.66 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,837.33 | 3/4 | 4,195.90 | 3/4 | 4,553.83 | 3/4 | 4,911.05 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,844.81 | 9   | 4,203.36 | 9   | 4,561.29 | 9   | 4,918.44 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,852.29 | 1/4 | 4,210.81 | 1/4 | 4,568.75 | 1/4 | 4,925.83 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,859.76 | 1/2 | 4,218.27 | 1/2 | 4,576.21 | 1/2 | 4,933.22 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,867.24 | 3/4 | 4,225.73 | 3/4 | 4,583.66 | 3/4 | 4,940.61 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,874.72 | 10  | 4,233.18 | 10  | 4,591.12 | 10  | 4,948.01 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,882.20 | 1/4 | 4,240.64 | 1/4 | 4,598.58 | 1/4 | 4,955.39 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,889.68 | 1/2 | 4,248.10 | 1/2 | 4,606.03 | 1/2 | 4,962.78 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,897.16 | 3/4 | 4,255.55 | 3/4 | 4,613.49 | 3/4 | 4,970.17 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,904.64 | 11  | 4,263.01 | 11  | 4,620.95 | 11  | 4,977.55 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,912.12 | 1/4 | 4,270.47 | 1/4 | 4,628.40 | 1/4 | 4,984.93 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,919.60 | 1/2 | 4,277.93 | 1/2 | 4,635.86 | 1/2 | 4,992.31 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,927.07 | 3/4 | 4,285.38 | 3/4 | 4,643.32 | 3/4 | 4,999.68 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

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



# BARGE "GMS 957"

2 STBD

## INNAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/2"

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.32  | 0   | 359.12 | 0   | 718.08   | 0   | 1,076.64 | 0   | 1,435.50 | 0   | 1,794.46 | 0   | 2,153.41 | 0   | 2,512.37 | 0   | 2,871.27 | 0   | 3,230.12 |
| 1/4 | 20.00  | 1/4 | 366.60 | 1/4 | 725.56   | 1/4 | 1,084.10 | 1/4 | 1,442.98 | 1/4 | 1,801.93 | 1/4 | 2,160.89 | 1/4 | 2,519.85 | 1/4 | 2,878.75 | 1/4 | 3,237.60 |
| 1/2 | 24.67  | 1/2 | 374.08 | 1/2 | 733.04   | 1/2 | 1,091.57 | 1/2 | 1,450.45 | 1/2 | 1,809.41 | 1/2 | 2,168.37 | 1/2 | 2,527.33 | 1/2 | 2,886.22 | 1/2 | 3,245.07 |
| 3/4 | 29.34  | 3/4 | 381.56 | 3/4 | 740.52   | 3/4 | 1,099.03 | 3/4 | 1,457.93 | 3/4 | 1,816.89 | 3/4 | 2,175.85 | 3/4 | 2,534.81 | 3/4 | 2,893.70 | 3/4 | 3,252.55 |
| 1   | 34.02  | 1   | 389.04 | 1   | 748.00   | 1   | 1,106.50 | 1   | 1,465.41 | 1   | 1,824.37 | 1   | 2,183.33 | 1   | 2,542.29 | 1   | 2,901.17 | 1   | 3,260.03 |
| 1/4 | 40.56  | 1/4 | 396.52 | 1/4 | 755.47   | 1/4 | 1,113.97 | 1/4 | 1,472.89 | 1/4 | 1,831.85 | 1/4 | 2,190.81 | 1/4 | 2,549.76 | 1/4 | 2,908.65 | 1/4 | 3,267.50 |
| 1/2 | 47.10  | 1/2 | 403.99 | 1/2 | 762.95   | 1/2 | 1,121.44 | 1/2 | 1,480.37 | 1/2 | 1,839.33 | 1/2 | 2,198.28 | 1/2 | 2,557.24 | 1/2 | 2,916.13 | 1/2 | 3,274.98 |
| 3/4 | 53.64  | 3/4 | 411.47 | 3/4 | 770.43   | 3/4 | 1,128.91 | 3/4 | 1,487.85 | 3/4 | 1,846.80 | 3/4 | 2,205.76 | 3/4 | 2,564.72 | 3/4 | 2,923.60 | 3/4 | 3,282.45 |
| 2   | 60.19  | 2   | 418.95 | 2   | 777.91   | 2   | 1,136.39 | 2   | 1,495.32 | 2   | 1,854.28 | 2   | 2,213.24 | 2   | 2,572.20 | 2   | 2,931.08 | 2   | 3,289.93 |
| 1/4 | 67.63  | 1/4 | 426.43 | 1/4 | 785.39   | 1/4 | 1,143.86 | 1/4 | 1,502.80 | 1/4 | 1,861.76 | 1/4 | 2,220.72 | 1/4 | 2,579.68 | 1/4 | 2,938.55 | 1/4 | 3,297.41 |
| 1/2 | 75.07  | 1/2 | 433.91 | 1/2 | 792.87   | 1/2 | 1,151.33 | 1/2 | 1,510.28 | 1/2 | 1,869.24 | 1/2 | 2,228.20 | 1/2 | 2,587.16 | 1/2 | 2,946.03 | 1/2 | 3,304.88 |
| 3/4 | 82.51  | 3/4 | 441.39 | 3/4 | 800.34   | 3/4 | 1,158.81 | 3/4 | 1,517.76 | 3/4 | 1,876.72 | 3/4 | 2,235.68 | 3/4 | 2,594.63 | 3/4 | 2,953.51 | 3/4 | 3,312.36 |
| 3   | 89.95  | 3   | 448.86 | 3   | 807.82   | 3   | 1,166.28 | 3   | 1,525.24 | 3   | 1,884.20 | 3   | 2,243.15 | 3   | 2,602.11 | 3   | 2,960.98 | 3   | 3,319.84 |
| 1/4 | 97.42  | 1/4 | 456.34 | 1/4 | 815.30   | 1/4 | 1,173.76 | 1/4 | 1,532.72 | 1/4 | 1,891.67 | 1/4 | 2,250.63 | 1/4 | 2,609.59 | 1/4 | 2,968.46 | 1/4 | 3,327.31 |
| 1/2 | 104.89 | 1/2 | 463.82 | 1/2 | 822.78   | 1/2 | 1,181.24 | 1/2 | 1,540.19 | 1/2 | 1,899.15 | 1/2 | 2,258.11 | 1/2 | 2,617.07 | 1/2 | 2,975.93 | 1/2 | 3,334.79 |
| 3/4 | 112.36 | 3/4 | 471.30 | 3/4 | 830.26   | 3/4 | 1,188.71 | 3/4 | 1,547.67 | 3/4 | 1,906.63 | 3/4 | 2,265.59 | 3/4 | 2,624.55 | 3/4 | 2,983.41 | 3/4 | 3,342.26 |
| 4   | 119.82 | 4   | 478.78 | 4   | 837.73   | 4   | 1,196.19 | 4   | 1,555.15 | 4   | 1,914.11 | 4   | 2,273.07 | 4   | 2,632.03 | 4   | 2,990.89 | 4   | 3,349.74 |
| 1/4 | 127.30 | 1/4 | 486.25 | 1/4 | 845.21   | 1/4 | 1,203.67 | 1/4 | 1,562.63 | 1/4 | 1,921.59 | 1/4 | 2,280.55 | 1/4 | 2,639.50 | 1/4 | 2,998.36 | 1/4 | 3,357.22 |
| 1/2 | 134.78 | 1/2 | 493.73 | 1/2 | 852.69   | 1/2 | 1,211.15 | 1/2 | 1,570.11 | 1/2 | 1,929.07 | 1/2 | 2,288.02 | 1/2 | 2,646.98 | 1/2 | 3,005.84 | 1/2 | 3,364.69 |
| 3/4 | 142.25 | 3/4 | 501.21 | 3/4 | 860.17   | 3/4 | 1,218.63 | 3/4 | 1,577.59 | 3/4 | 1,936.54 | 3/4 | 2,295.50 | 3/4 | 2,654.46 | 3/4 | 3,013.32 | 3/4 | 3,372.17 |
| 5   | 149.73 | 5   | 508.69 | 5   | 867.65   | 5   | 1,226.11 | 5   | 1,585.06 | 5   | 1,944.02 | 5   | 2,302.98 | 5   | 2,661.94 | 5   | 3,020.79 | 5   | 3,379.64 |
| 1/4 | 157.21 | 1/4 | 516.17 | 1/4 | 875.11   | 1/4 | 1,233.58 | 1/4 | 1,592.54 | 1/4 | 1,951.50 | 1/4 | 2,310.46 | 1/4 | 2,669.41 | 1/4 | 3,028.27 | 1/4 | 3,387.12 |
| 1/2 | 164.69 | 1/2 | 523.65 | 1/2 | 882.58   | 1/2 | 1,241.06 | 1/2 | 1,600.02 | 1/2 | 1,958.98 | 1/2 | 2,317.94 | 1/2 | 2,676.89 | 1/2 | 3,035.74 | 1/2 | 3,394.60 |
| 3/4 | 172.17 | 3/4 | 531.12 | 3/4 | 890.04   | 3/4 | 1,248.54 | 3/4 | 1,607.50 | 3/4 | 1,966.46 | 3/4 | 2,325.42 | 3/4 | 2,684.37 | 3/4 | 3,043.22 | 3/4 | 3,402.07 |
| 6   | 179.64 | 6   | 538.60 | 6   | 897.50   | 6   | 1,256.02 | 6   | 1,614.98 | 6   | 1,973.94 | 6   | 2,332.89 | 6   | 2,691.84 | 6   | 3,050.70 | 6   | 3,409.55 |
| 1/4 | 187.12 | 1/4 | 546.08 | 1/4 | 904.97   | 1/4 | 1,263.50 | 1/4 | 1,622.45 | 1/4 | 1,981.41 | 1/4 | 2,340.37 | 1/4 | 2,699.32 | 1/4 | 3,058.17 | 1/4 | 3,417.02 |
| 1/2 | 194.60 | 1/2 | 553.56 | 1/2 | 912.43   | 1/2 | 1,270.97 | 1/2 | 1,629.93 | 1/2 | 1,988.89 | 1/2 | 2,347.85 | 1/2 | 2,706.80 | 1/2 | 3,065.65 | 1/2 | 3,424.50 |
| 3/4 | 202.08 | 3/4 | 561.04 | 3/4 | 919.90   | 3/4 | 1,278.45 | 3/4 | 1,637.41 | 3/4 | 1,996.37 | 3/4 | 2,355.33 | 3/4 | 2,714.27 | 3/4 | 3,073.12 | 3/4 | 3,431.98 |
| 7   | 209.56 | 7   | 568.52 | 7   | 927.36   | 7   | 1,285.93 | 7   | 1,644.89 | 7   | 2,003.85 | 7   | 2,362.81 | 7   | 2,721.75 | 7   | 3,080.60 | 7   | 3,439.45 |
| 1/4 | 217.04 | 1/4 | 575.99 | 1/4 | 934.82   | 1/4 | 1,293.41 | 1/4 | 1,652.37 | 1/4 | 2,011.33 | 1/4 | 2,370.28 | 1/4 | 2,729.22 | 1/4 | 3,088.08 | 1/4 | 3,446.93 |
| 1/2 | 224.51 | 1/2 | 583.47 | 1/2 | 942.29   | 1/2 | 1,300.89 | 1/2 | 1,659.85 | 1/2 | 2,018.80 | 1/2 | 2,377.76 | 1/2 | 2,736.70 | 1/2 | 3,095.55 | 1/2 | 3,454.41 |
| 3/4 | 231.99 | 3/4 | 590.95 | 3/4 | 949.75   | 3/4 | 1,308.37 | 3/4 | 1,667.32 | 3/4 | 2,026.28 | 3/4 | 2,385.24 | 3/4 | 2,744.18 | 3/4 | 3,103.03 | 3/4 | 3,461.88 |
| 8   | 239.47 | 8   | 598.43 | 8   | 957.22   | 8   | 1,315.84 | 8   | 1,674.80 | 8   | 2,033.76 | 8   | 2,392.72 | 8   | 2,751.65 | 8   | 3,110.50 | 8   | 3,469.36 |
| 1/4 | 246.95 | 1/4 | 605.91 | 1/4 | 964.68   | 1/4 | 1,323.32 | 1/4 | 1,682.28 | 1/4 | 2,041.24 | 1/4 | 2,400.20 | 1/4 | 2,759.13 | 1/4 | 3,117.98 | 1/4 | 3,476.83 |
| 1/2 | 254.43 | 1/2 | 613.39 | 1/2 | 972.14   | 1/2 | 1,330.80 | 1/2 | 1,689.76 | 1/2 | 2,048.72 | 1/2 | 2,407.68 | 1/2 | 2,766.60 | 1/2 | 3,125.46 | 1/2 | 3,484.31 |
| 3/4 | 261.91 | 3/4 | 620.86 | 3/4 | 979.61   | 3/4 | 1,338.28 | 3/4 | 1,697.24 | 3/4 | 2,056.20 | 3/4 | 2,415.15 | 3/4 | 2,774.08 | 3/4 | 3,132.93 | 3/4 | 3,491.79 |
| 9   | 269.38 | 9   | 628.34 | 9   | 987.07   | 9   | 1,345.76 | 9   | 1,704.72 | 9   | 2,063.67 | 9   | 2,422.63 | 9   | 2,781.56 | 9   | 3,140.41 | 9   | 3,499.26 |
| 1/4 | 276.86 | 1/4 | 635.82 | 1/4 | 994.54   | 1/4 | 1,353.24 | 1/4 | 1,712.19 | 1/4 | 2,071.15 | 1/4 | 2,430.11 | 1/4 | 2,789.03 | 1/4 | 3,147.89 | 1/4 | 3,506.74 |
| 1/2 | 284.34 | 1/2 | 643.30 | 1/2 | 1,002.00 | 1/2 | 1,360.71 | 1/2 | 1,719.67 | 1/2 | 2,078.63 | 1/2 | 2,437.59 | 1/2 | 2,796.51 | 1/2 | 3,155.36 | 1/2 | 3,514.21 |
| 3/4 | 291.82 | 3/4 | 650.78 | 3/4 | 1,009.46 | 3/4 | 1,368.19 | 3/4 | 1,727.15 | 3/4 | 2,086.11 | 3/4 | 2,445.07 | 3/4 | 2,803.98 | 3/4 | 3,162.84 | 3/4 | 3,521.69 |
| 10  | 299.30 | 10  | 658.26 | 10  | 1,016.93 | 10  | 1,375.67 | 10  | 1,734.63 | 10  | 2,093.59 | 10  | 2,452.55 | 10  | 2,811.46 | 10  | 3,170.31 | 10  | 3,529.17 |
| 1/4 | 306.78 | 1/4 | 665.73 | 1/4 | 1,024.39 | 1/4 | 1,383.15 | 1/4 | 1,742.11 | 1/4 | 2,101.07 | 1/4 | 2,460.02 | 1/4 | 2,818.94 | 1/4 | 3,177.79 | 1/4 | 3,536.64 |
| 1/2 | 314.25 | 1/2 | 673.21 | 1/2 | 1,031.86 | 1/2 | 1,390.63 | 1/2 | 1,749.59 | 1/2 | 2,108.54 | 1/2 | 2,467.50 | 1/2 | 2,826.41 | 1/2 | 3,185.27 | 1/2 | 3,544.12 |
| 3/4 | 321.73 | 3/4 | 680.69 | 3/4 | 1,039.32 | 3/4 | 1,398.11 | 3/4 | 1,757.06 | 3/4 | 2,116.02 | 3/4 | 2,474.98 | 3/4 | 2,833.89 | 3/4 | 3,192.74 | 3/4 | 3,551.59 |
| 11  | 329.21 | 11  | 688.17 | 11  | 1,046.78 | 11  | 1,405.58 | 11  | 1,764.54 | 11  | 2,123.50 | 11  | 2,482.46 | 11  | 2,841.37 | 11  | 3,200.22 | 11  | 3,559.07 |
| 1/4 | 336.69 | 1/4 | 695.65 | 1/4 | 1,054.25 | 1/4 | 1,413.06 | 1/4 | 1,772.02 | 1/4 | 2,130.98 | 1/4 | 2,489.94 | 1/4 | 2,848.84 | 1/4 | 3,207.69 | 1/4 | 3,566.55 |
| 1/2 | 344.17 | 1/2 | 703.13 | 1/2 | 1,061.71 | 1/2 | 1,420.54 | 1/2 | 1,779.50 | 1/2 | 2,138.46 | 1/2 | 2,497.42 | 1/2 | 2,856.32 | 1/2 | 3,215.17 | 1/2 | 3,574.02 |
| 3/4 | 351.65 | 3/4 | 710.60 | 3/4 | 1,069.18 | 3/4 | 1,428.02 | 3/4 | 1,786.98 | 3/4 | 2,145.94 | 3/4 | 2,504.89 | 3/4 | 2,863.79 | 3/4 | 3,222.65 | 3/4 | 3,581.50 |

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-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 "GMS 957"

2 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09 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   | 3,588.98 | 0   | 3,947.83 | 0   | 4,305.99 | 0   | 4,663.81 | 0   | 5,019.82 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,596.45 | 1/4 | 3,955.30 | 1/4 | 4,313.45 | 1/4 | 4,671.27 | 1/4 | 5,027.13 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,603.93 | 1/2 | 3,962.78 | 1/2 | 4,320.90 | 1/2 | 4,678.72 | 1/2 | 5,034.44 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,611.40 | 3/4 | 3,970.26 | 3/4 | 4,328.36 | 3/4 | 4,686.18 | 3/4 | 5,041.76 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,618.88 | 1   | 3,977.73 | 1   | 4,335.81 | 1   | 4,693.63 | 1   | 5,049.07 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,626.36 | 1/4 | 3,985.21 | 1/4 | 4,343.27 | 1/4 | 4,701.09 | 1/4 | 5,055.52 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,633.83 | 1/2 | 3,992.68 | 1/2 | 4,350.72 | 1/2 | 4,708.54 | 1/2 | 5,061.96 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,641.31 | 3/4 | 4,000.16 | 3/4 | 4,358.17 | 3/4 | 4,716.00 | 3/4 | 5,068.41 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,648.78 | 2   | 4,007.64 | 2   | 4,365.63 | 2   | 4,723.45 | 2   | 5,074.86 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,656.26 | 1/4 | 4,015.11 | 1/4 | 4,373.08 | 1/4 | 4,730.90 | 1/4 | 5,080.06 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,663.74 | 1/2 | 4,022.59 | 1/2 | 4,380.54 | 1/2 | 4,738.36 | 1/2 | 5,085.26 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,671.21 | 3/4 | 4,030.06 | 3/4 | 4,387.99 | 3/4 | 4,745.81 | 3/4 | 5,090.46 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,678.69 | 3   | 4,037.54 | 3   | 4,395.45 | 3   | 4,753.27 | 3   | 5,095.67 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,686.16 | 1/4 | 4,045.02 | 1/4 | 4,402.90 | 1/4 | 4,760.72 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,693.64 | 1/2 | 4,052.49 | 1/2 | 4,410.36 | 1/2 | 4,768.18 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,701.12 | 3/4 | 4,059.97 | 3/4 | 4,417.81 | 3/4 | 4,775.63 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,708.59 | 4   | 4,067.45 | 4   | 4,425.27 | 4   | 4,783.09 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,716.07 | 1/4 | 4,074.90 | 1/4 | 4,432.72 | 1/4 | 4,790.54 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,723.54 | 1/2 | 4,082.35 | 1/2 | 4,440.18 | 1/2 | 4,798.00 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,731.02 | 3/4 | 4,089.81 | 3/4 | 4,447.63 | 3/4 | 4,805.45 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,738.50 | 5   | 4,097.26 | 5   | 4,455.08 | 5   | 4,812.91 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,745.97 | 1/4 | 4,104.72 | 1/4 | 4,462.54 | 1/4 | 4,820.36 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,753.45 | 1/2 | 4,112.17 | 1/2 | 4,469.99 | 1/2 | 4,827.81 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,760.93 | 3/4 | 4,119.63 | 3/4 | 4,477.45 | 3/4 | 4,835.27 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,768.40 | 6   | 4,127.08 | 6   | 4,484.90 | 6   | 4,842.72 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,775.88 | 1/4 | 4,134.54 | 1/4 | 4,492.36 | 1/4 | 4,850.10 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,783.35 | 1/2 | 4,141.99 | 1/2 | 4,499.81 | 1/2 | 4,857.48 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,790.83 | 3/4 | 4,149.45 | 3/4 | 4,507.27 | 3/4 | 4,864.87 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,798.31 | 7   | 4,156.90 | 7   | 4,514.72 | 7   | 4,872.25 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,805.78 | 1/4 | 4,164.36 | 1/4 | 4,522.18 | 1/4 | 4,879.63 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,813.26 | 1/2 | 4,171.81 | 1/2 | 4,529.63 | 1/2 | 4,887.01 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,820.73 | 3/4 | 4,179.26 | 3/4 | 4,537.09 | 3/4 | 4,894.39 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,828.21 | 8   | 4,186.72 | 8   | 4,544.54 | 8   | 4,901.77 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,835.69 | 1/4 | 4,194.17 | 1/4 | 4,551.99 | 1/4 | 4,909.15 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,843.16 | 1/2 | 4,201.63 | 1/2 | 4,559.45 | 1/2 | 4,916.53 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,850.64 | 3/4 | 4,209.08 | 3/4 | 4,566.90 | 3/4 | 4,923.91 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,858.11 | 9   | 4,216.54 | 9   | 4,574.36 | 9   | 4,931.29 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,865.59 | 1/4 | 4,223.99 | 1/4 | 4,581.81 | 1/4 | 4,938.67 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,873.07 | 1/2 | 4,231.45 | 1/2 | 4,589.27 | 1/2 | 4,946.06 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,880.54 | 3/4 | 4,238.90 | 3/4 | 4,596.72 | 3/4 | 4,953.44 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,888.02 | 10  | 4,246.36 | 10  | 4,604.18 | 10  | 4,960.82 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,895.50 | 1/4 | 4,253.81 | 1/4 | 4,611.63 | 1/4 | 4,968.20 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,902.97 | 1/2 | 4,261.26 | 1/2 | 4,619.09 | 1/2 | 4,975.58 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,910.45 | 3/4 | 4,268.72 | 3/4 | 4,626.54 | 3/4 | 4,982.96 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,917.92 | 11  | 4,276.17 | 11  | 4,633.99 | 11  | 4,990.35 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,925.40 | 1/4 | 4,283.63 | 1/4 | 4,641.45 | 1/4 | 4,997.71 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,932.88 | 1/2 | 4,291.08 | 1/2 | 4,648.90 | 1/2 | 5,005.08 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,940.35 | 3/4 | 4,298.54 | 3/4 | 4,656.36 | 3/4 | 5,012.45 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 957"

## 3 PORT INNAGE TABLE

### HERMETIC GAUGE HEIGHT 15'-09 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   | 15.27  | 0   | 357.70 | 0   | 714.77   | 0   | 1,062.19 | 0   | 1,415.26 | 0   | 1,772.03 | 0   | 2,128.06 | 0   | 2,484.81 | 0   | 2,841.28 | 0   | 3,197.72 |
| 1/4 | 19.92  | 1/4 | 365.14 | 1/4 | 722.21   | 1/4 | 1,069.33 | 1/4 | 1,422.69 | 1/4 | 1,779.44 | 1/4 | 2,135.49 | 1/4 | 2,492.24 | 1/4 | 2,848.70 | 1/4 | 3,205.11 |
| 1/2 | 24.58  | 1/2 | 372.58 | 1/2 | 729.65   | 1/2 | 1,076.47 | 1/2 | 1,430.13 | 1/2 | 1,786.86 | 1/2 | 2,142.92 | 1/2 | 2,499.67 | 1/2 | 2,856.13 | 1/2 | 3,212.51 |
| 3/4 | 29.24  | 3/4 | 380.02 | 3/4 | 737.09   | 3/4 | 1,083.62 | 3/4 | 1,437.56 | 3/4 | 1,794.28 | 3/4 | 2,150.35 | 3/4 | 2,507.09 | 3/4 | 2,863.55 | 3/4 | 3,219.91 |
| 1   | 33.89  | 1   | 387.46 | 1   | 744.53   | 1   | 1,090.76 | 1   | 1,445.00 | 1   | 1,801.70 | 1   | 2,157.78 | 1   | 2,514.52 | 1   | 2,870.98 | 1   | 3,227.31 |
| 1/4 | 40.41  | 1/4 | 394.90 | 1/4 | 751.97   | 1/4 | 1,097.97 | 1/4 | 1,452.43 | 1/4 | 1,809.11 | 1/4 | 2,165.21 | 1/4 | 2,521.95 | 1/4 | 2,878.41 | 1/4 | 3,234.70 |
| 1/2 | 46.93  | 1/2 | 402.33 | 1/2 | 759.41   | 1/2 | 1,105.19 | 1/2 | 1,459.86 | 1/2 | 1,816.53 | 1/2 | 2,172.65 | 1/2 | 2,529.37 | 1/2 | 2,885.83 | 1/2 | 3,242.10 |
| 3/4 | 53.45  | 3/4 | 409.77 | 3/4 | 766.85   | 3/4 | 1,112.40 | 3/4 | 1,467.30 | 3/4 | 1,823.95 | 3/4 | 2,180.08 | 3/4 | 2,536.80 | 3/4 | 2,893.26 | 3/4 | 3,249.50 |
| 2   | 59.96  | 2   | 417.21 | 2   | 774.28   | 2   | 1,119.61 | 2   | 1,474.73 | 2   | 1,831.37 | 2   | 2,187.51 | 2   | 2,544.23 | 2   | 2,900.68 | 2   | 3,256.90 |
| 1/4 | 67.38  | 1/4 | 424.65 | 1/4 | 781.72   | 1/4 | 1,126.82 | 1/4 | 1,482.17 | 1/4 | 1,838.78 | 1/4 | 2,194.94 | 1/4 | 2,551.66 | 1/4 | 2,908.11 | 1/4 | 3,264.29 |
| 1/2 | 74.79  | 1/2 | 432.09 | 1/2 | 789.16   | 1/2 | 1,134.04 | 1/2 | 1,489.60 | 1/2 | 1,846.20 | 1/2 | 2,202.37 | 1/2 | 2,559.08 | 1/2 | 2,915.53 | 1/2 | 3,271.69 |
| 3/4 | 82.21  | 3/4 | 439.53 | 3/4 | 796.60   | 3/4 | 1,141.25 | 3/4 | 1,497.03 | 3/4 | 1,853.62 | 3/4 | 2,209.80 | 3/4 | 2,566.51 | 3/4 | 2,922.96 | 3/4 | 3,279.09 |
| 3   | 89.62  | 3   | 446.97 | 3   | 804.04   | 3   | 1,148.46 | 3   | 1,504.47 | 3   | 1,861.04 | 3   | 2,217.23 | 3   | 2,573.94 | 3   | 2,930.39 | 3   | 3,286.49 |
| 1/4 | 97.06  | 1/4 | 454.41 | 1/4 | 811.41   | 1/4 | 1,155.69 | 1/4 | 1,511.90 | 1/4 | 1,868.45 | 1/4 | 2,224.66 | 1/4 | 2,581.36 | 1/4 | 2,937.81 | 1/4 | 3,293.89 |
| 1/2 | 104.50 | 1/2 | 461.85 | 1/2 | 818.79   | 1/2 | 1,162.92 | 1/2 | 1,519.34 | 1/2 | 1,875.87 | 1/2 | 2,232.09 | 1/2 | 2,588.79 | 1/2 | 2,945.24 | 1/2 | 3,301.28 |
| 3/4 | 111.94 | 3/4 | 469.29 | 3/4 | 826.16   | 3/4 | 1,170.14 | 3/4 | 1,526.77 | 3/4 | 1,883.29 | 3/4 | 2,239.52 | 3/4 | 2,596.22 | 3/4 | 2,952.66 | 3/4 | 3,308.68 |
| 4   | 119.38 | 4   | 476.72 | 4   | 833.54   | 4   | 1,177.37 | 4   | 1,534.20 | 4   | 1,890.71 | 4   | 2,246.95 | 4   | 2,603.65 | 4   | 2,960.09 | 4   | 3,316.08 |
| 1/4 | 126.83 | 1/4 | 484.16 | 1/4 | 840.70   | 1/4 | 1,184.81 | 1/4 | 1,541.64 | 1/4 | 1,898.12 | 1/4 | 2,254.38 | 1/4 | 2,611.07 | 1/4 | 2,967.52 | 1/4 | 3,323.48 |
| 1/2 | 134.28 | 1/2 | 491.60 | 1/2 | 847.87   | 1/2 | 1,192.24 | 1/2 | 1,549.07 | 1/2 | 1,905.54 | 1/2 | 2,261.81 | 1/2 | 2,618.50 | 1/2 | 2,974.94 | 1/2 | 3,330.87 |
| 3/4 | 141.73 | 3/4 | 499.04 | 3/4 | 855.03   | 3/4 | 1,199.67 | 3/4 | 1,556.51 | 3/4 | 1,912.96 | 3/4 | 2,269.24 | 3/4 | 2,625.93 | 3/4 | 2,982.37 | 3/4 | 3,338.27 |
| 5   | 149.18 | 5   | 506.48 | 5   | 862.20   | 5   | 1,207.11 | 5   | 1,563.94 | 5   | 1,920.38 | 5   | 2,276.67 | 5   | 2,633.35 | 5   | 2,989.79 | 5   | 3,345.67 |
| 1/4 | 156.63 | 1/4 | 513.92 | 1/4 | 869.34   | 1/4 | 1,214.54 | 1/4 | 1,571.37 | 1/4 | 1,927.79 | 1/4 | 2,284.11 | 1/4 | 2,640.78 | 1/4 | 2,997.22 | 1/4 | 3,353.06 |
| 1/2 | 164.08 | 1/2 | 521.36 | 1/2 | 876.48   | 1/2 | 1,221.98 | 1/2 | 1,578.81 | 1/2 | 1,935.21 | 1/2 | 2,291.55 | 1/2 | 2,648.21 | 1/2 | 3,004.64 | 1/2 | 3,360.45 |
| 3/4 | 171.53 | 3/4 | 528.80 | 3/4 | 883.63   | 3/4 | 1,229.41 | 3/4 | 1,586.24 | 3/4 | 1,942.63 | 3/4 | 2,298.98 | 3/4 | 2,655.63 | 3/4 | 3,012.07 | 3/4 | 3,367.85 |
| 6   | 178.98 | 6   | 536.24 | 6   | 890.77   | 6   | 1,236.84 | 6   | 1,593.68 | 6   | 1,950.05 | 6   | 2,306.42 | 6   | 2,663.06 | 6   | 3,019.50 | 6   | 3,375.24 |
| 1/4 | 186.43 | 1/4 | 543.68 | 1/4 | 897.91   | 1/4 | 1,244.28 | 1/4 | 1,601.11 | 1/4 | 1,957.46 | 1/4 | 2,313.85 | 1/4 | 2,670.48 | 1/4 | 3,026.92 | 1/4 | 3,382.63 |
| 1/2 | 193.88 | 1/2 | 551.11 | 1/2 | 905.05   | 1/2 | 1,251.71 | 1/2 | 1,608.54 | 1/2 | 1,964.88 | 1/2 | 2,321.29 | 1/2 | 2,677.91 | 1/2 | 3,034.35 | 1/2 | 3,390.01 |
| 3/4 | 201.33 | 3/4 | 558.55 | 3/4 | 912.20   | 3/4 | 1,259.15 | 3/4 | 1,615.98 | 3/4 | 1,972.30 | 3/4 | 2,328.73 | 3/4 | 2,685.33 | 3/4 | 3,041.77 | 3/4 | 3,397.39 |
| 7   | 208.78 | 7   | 565.99 | 7   | 919.34   | 7   | 1,266.58 | 7   | 1,623.41 | 7   | 1,979.72 | 7   | 2,336.16 | 7   | 2,692.76 | 7   | 3,049.20 | 7   | 3,404.78 |
| 1/4 | 216.23 | 1/4 | 573.43 | 1/4 | 926.48   | 1/4 | 1,274.01 | 1/4 | 1,630.85 | 1/4 | 1,987.13 | 1/4 | 2,343.60 | 1/4 | 2,700.19 | 1/4 | 3,056.62 | 1/4 | 3,411.93 |
| 1/2 | 223.68 | 1/2 | 580.87 | 1/2 | 933.62   | 1/2 | 1,281.45 | 1/2 | 1,638.28 | 1/2 | 1,994.55 | 1/2 | 2,351.03 | 1/2 | 2,707.61 | 1/2 | 3,064.05 | 1/2 | 3,419.09 |
| 3/4 | 231.13 | 3/4 | 588.31 | 3/4 | 940.77   | 3/4 | 1,288.88 | 3/4 | 1,645.71 | 3/4 | 2,001.97 | 3/4 | 2,358.47 | 3/4 | 2,715.04 | 3/4 | 3,071.48 | 3/4 | 3,426.25 |
| 8   | 238.58 | 8   | 595.75 | 8   | 947.91   | 8   | 1,296.32 | 8   | 1,653.15 | 8   | 2,009.39 | 8   | 2,365.91 | 8   | 2,722.46 | 8   | 3,078.90 | 8   | 3,433.40 |
| 1/4 | 246.03 | 1/4 | 603.19 | 1/4 | 955.05   | 1/4 | 1,303.75 | 1/4 | 1,660.58 | 1/4 | 2,016.80 | 1/4 | 2,373.34 | 1/4 | 2,729.89 | 1/4 | 3,086.33 | 1/4 | 3,440.08 |
| 1/2 | 253.49 | 1/2 | 610.63 | 1/2 | 962.19   | 1/2 | 1,311.18 | 1/2 | 1,668.02 | 1/2 | 2,024.22 | 1/2 | 2,380.78 | 1/2 | 2,737.32 | 1/2 | 3,093.75 | 1/2 | 3,446.76 |
| 3/4 | 260.94 | 3/4 | 618.07 | 3/4 | 969.34   | 3/4 | 1,318.62 | 3/4 | 1,675.45 | 3/4 | 2,031.64 | 3/4 | 2,388.21 | 3/4 | 2,744.74 | 3/4 | 3,101.18 | 3/4 | 3,453.44 |
| 9   | 268.39 | 9   | 625.50 | 9   | 976.48   | 9   | 1,326.05 | 9   | 1,682.88 | 9   | 2,039.06 | 9   | 2,395.65 | 9   | 2,752.17 | 9   | 3,108.61 | 9   | 3,460.12 |
| 1/4 | 275.84 | 1/4 | 632.94 | 1/4 | 983.62   | 1/4 | 1,333.49 | 1/4 | 1,690.32 | 1/4 | 2,046.47 | 1/4 | 2,403.09 | 1/4 | 2,759.59 | 1/4 | 3,116.03 | 1/4 | 3,466.32 |
| 1/2 | 283.29 | 1/2 | 640.38 | 1/2 | 990.76   | 1/2 | 1,340.92 | 1/2 | 1,697.75 | 1/2 | 2,053.88 | 1/2 | 2,410.52 | 1/2 | 2,767.02 | 1/2 | 3,123.46 | 1/2 | 3,472.52 |
| 3/4 | 290.74 | 3/4 | 647.82 | 3/4 | 997.91   | 3/4 | 1,348.35 | 3/4 | 1,705.19 | 3/4 | 2,061.29 | 3/4 | 2,417.96 | 3/4 | 2,774.44 | 3/4 | 3,130.88 | 3/4 | 3,478.73 |
| 10  | 298.19 | 10  | 655.26 | 10  | 1,005.05 | 10  | 1,355.79 | 10  | 1,712.62 | 10  | 2,068.70 | 10  | 2,425.40 | 10  | 2,781.87 | 10  | 3,138.31 | 10  | 3,484.93 |
| 1/4 | 305.63 | 1/4 | 662.70 | 1/4 | 1,012.19 | 1/4 | 1,363.22 | 1/4 | 1,720.05 | 1/4 | 2,076.11 | 1/4 | 2,432.82 | 1/4 | 2,789.30 | 1/4 | 3,145.73 | 1/4 | 3,490.66 |
| 1/2 | 313.07 | 1/2 | 670.14 | 1/2 | 1,019.33 | 1/2 | 1,370.66 | 1/2 | 1,727.49 | 1/2 | 2,083.52 | 1/2 | 2,440.25 | 1/2 | 2,796.72 | 1/2 | 3,153.16 | 1/2 | 3,496.40 |
| 3/4 | 320.51 | 3/4 | 677.58 | 3/4 | 1,026.48 | 3/4 | 1,378.09 | 3/4 | 1,734.92 | 3/4 | 2,090.93 | 3/4 | 2,447.68 | 3/4 | 2,804.15 | 3/4 | 3,160.59 | 3/4 | 3,502.13 |
| 11  | 327.94 | 11  | 685.02 | 11  | 1,033.62 | 11  | 1,385.52 | 11  | 1,742.36 | 11  | 2,098.34 | 11  | 2,455.10 | 11  | 2,811.57 | 11  | 3,168.01 | 11  | 3,507.86 |
| 1/4 | 335.38 | 1/4 | 692.46 | 1/4 | 1,040.76 | 1/4 | 1,392.96 | 1/4 | 1,749.77 | 1/4 | 2,105.77 | 1/4 | 2,462.53 | 1/4 | 2,819.00 | 1/4 | 3,175.44 | 1/4 | 3,513.12 |
| 1/2 | 342.82 | 1/2 | 699.89 | 1/2 | 1,047.90 | 1/2 | 1,400.39 | 1/2 | 1,757.19 | 1/2 | 2,113.20 | 1/2 | 2,469.96 | 1/2 | 2,826.43 | 1/2 | 3,182.86 | 1/2 | 3,518.38 |
| 3/4 | 350.26 | 3/4 | 707.33 | 3/4 | 1,055.05 | 3/4 | 1,407.83 | 3/4 | 1,764.61 | 3/4 | 2,120.63 | 3/4 | 2,477.39 | 3/4 | 2,833.85 | 3/4 | 3,190.29 | 3/4 | 3,523.63 |

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "GMS 957"

## 3 PORT INNAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-09 1/2"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 3,528.89 | 0   | 3,749.37 | 0   | 3,968.50 | 0   | 4,187.42 | 0   | 4,405.24 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,533.70 | 1/4 | 3,753.95 | 1/4 | 3,973.06 | 1/4 | 4,191.98 | 1/4 | 4,409.71 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,538.51 | 1/2 | 3,758.52 | 1/2 | 3,977.62 | 1/2 | 4,196.54 | 1/2 | 4,414.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,543.33 | 3/4 | 3,763.09 | 3/4 | 3,982.18 | 3/4 | 4,201.10 | 3/4 | 4,418.66 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,548.14 | 1   | 3,767.67 | 1   | 3,986.74 | 1   | 4,205.66 | 1   | 4,423.13 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,552.71 | 1/4 | 3,772.24 | 1/4 | 3,991.30 | 1/4 | 4,210.23 | 1/4 | 4,427.08 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,557.29 | 1/2 | 3,776.81 | 1/2 | 3,995.86 | 1/2 | 4,214.79 | 1/2 | 4,431.02 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,561.86 | 3/4 | 3,781.39 | 3/4 | 4,000.42 | 3/4 | 4,219.35 | 3/4 | 4,434.97 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,566.43 | 2   | 3,785.96 | 2   | 4,004.98 | 2   | 4,223.91 | 2   | 4,438.91 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,571.01 | 1/4 | 3,790.53 | 1/4 | 4,009.55 | 1/4 | 4,228.47 | 1/4 | 4,442.10 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,575.58 | 1/2 | 3,795.11 | 1/2 | 4,014.11 | 1/2 | 4,233.03 | 1/2 | 4,445.28 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,580.15 | 3/4 | 3,799.68 | 3/4 | 4,018.67 | 3/4 | 4,237.59 | 3/4 | 4,448.46 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,584.73 | 3   | 3,804.25 | 3   | 4,023.23 | 3   | 4,242.15 | 3   | 4,451.64 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,589.30 | 1/4 | 3,808.83 | 1/4 | 4,027.79 | 1/4 | 4,246.71 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,593.87 | 1/2 | 3,813.40 | 1/2 | 4,032.35 | 1/2 | 4,251.27 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,598.45 | 3/4 | 3,817.98 | 3/4 | 4,036.91 | 3/4 | 4,255.83 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,603.02 | 4   | 3,822.55 | 4   | 4,041.47 | 4   | 4,260.40 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,607.59 | 1/4 | 3,827.11 | 1/4 | 4,046.03 | 1/4 | 4,264.96 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,612.17 | 1/2 | 3,831.67 | 1/2 | 4,050.59 | 1/2 | 4,269.52 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,616.74 | 3/4 | 3,836.23 | 3/4 | 4,055.15 | 3/4 | 4,274.08 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,621.31 | 5   | 3,840.79 | 5   | 4,059.72 | 5   | 4,278.64 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,625.89 | 1/4 | 3,845.35 | 1/4 | 4,064.28 | 1/4 | 4,283.20 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,630.46 | 1/2 | 3,849.91 | 1/2 | 4,068.84 | 1/2 | 4,287.76 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,635.04 | 3/4 | 3,854.47 | 3/4 | 4,073.40 | 3/4 | 4,292.32 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,639.61 | 6   | 3,859.04 | 6   | 4,077.96 | 6   | 4,296.88 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,644.18 | 1/4 | 3,863.60 | 1/4 | 4,082.52 | 1/4 | 4,301.40 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,648.76 | 1/2 | 3,868.16 | 1/2 | 4,087.08 | 1/2 | 4,305.91 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,653.33 | 3/4 | 3,872.72 | 3/4 | 4,091.64 | 3/4 | 4,310.43 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,657.90 | 7   | 3,877.28 | 7   | 4,096.20 | 7   | 4,314.94 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,662.48 | 1/4 | 3,881.84 | 1/4 | 4,100.76 | 1/4 | 4,319.46 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,667.05 | 1/2 | 3,886.40 | 1/2 | 4,105.32 | 1/2 | 4,323.98 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,671.62 | 3/4 | 3,890.96 | 3/4 | 4,109.89 | 3/4 | 4,328.49 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,676.20 | 8   | 3,895.52 | 8   | 4,114.45 | 8   | 4,333.01 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,680.77 | 1/4 | 3,900.08 | 1/4 | 4,119.01 | 1/4 | 4,337.52 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,685.34 | 1/2 | 3,904.64 | 1/2 | 4,123.57 | 1/2 | 4,342.04 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,689.92 | 3/4 | 3,909.21 | 3/4 | 4,128.13 | 3/4 | 4,346.55 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,694.49 | 9   | 3,913.77 | 9   | 4,132.69 | 9   | 4,351.07 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,699.06 | 1/4 | 3,918.33 | 1/4 | 4,137.25 | 1/4 | 4,355.59 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,703.64 | 1/2 | 3,922.89 | 1/2 | 4,141.81 | 1/2 | 4,360.10 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,708.21 | 3/4 | 3,927.45 | 3/4 | 4,146.37 | 3/4 | 4,364.62 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,712.78 | 10  | 3,932.01 | 10  | 4,150.93 | 10  | 4,369.14 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,717.36 | 1/4 | 3,936.57 | 1/4 | 4,155.49 | 1/4 | 4,373.65 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,721.93 | 1/2 | 3,941.13 | 1/2 | 4,160.06 | 1/2 | 4,378.17 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,726.51 | 3/4 | 3,945.69 | 3/4 | 4,164.62 | 3/4 | 4,382.69 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,731.08 | 11  | 3,950.25 | 11  | 4,169.18 | 11  | 4,387.21 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,735.65 | 1/4 | 3,954.81 | 1/4 | 4,173.74 | 1/4 | 4,391.71 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,740.23 | 1/2 | 3,959.38 | 1/2 | 4,178.30 | 1/2 | 4,396.22 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,744.80 | 3/4 | 3,963.94 | 3/4 | 4,182.86 | 3/4 | 4,400.73 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

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



# BARGE "GMS 957"

3 STBD

## INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09"

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   | 15.26  | 0   | 357.67 | 0   | 715.17   | 0   | 1,072.27 | 0   | 1,429.69 | 0   | 1,787.20 | 0   | 2,144.71 | 0   | 2,502.15 | 0   | 2,859.19 | 0   | 3,216.21 |
| 1/4 | 19.92  | 1/4 | 365.12 | 1/4 | 722.62   | 1/4 | 1,079.71 | 1/4 | 1,437.13 | 1/4 | 1,794.65 | 1/4 | 2,152.16 | 1/4 | 2,509.59 | 1/4 | 2,866.63 | 1/4 | 3,223.62 |
| 1/2 | 24.57  | 1/2 | 372.57 | 1/2 | 730.07   | 1/2 | 1,087.14 | 1/2 | 1,444.58 | 1/2 | 1,802.10 | 1/2 | 2,159.61 | 1/2 | 2,517.03 | 1/2 | 2,874.07 | 1/2 | 3,231.03 |
| 3/4 | 29.23  | 3/4 | 380.01 | 3/4 | 737.52   | 3/4 | 1,094.58 | 3/4 | 1,452.03 | 3/4 | 1,809.54 | 3/4 | 2,167.06 | 3/4 | 2,524.47 | 3/4 | 2,881.50 | 3/4 | 3,238.44 |
| 1   | 33.88  | 1   | 387.46 | 1   | 744.97   | 1   | 1,102.01 | 1   | 1,459.48 | 1   | 1,816.99 | 1   | 2,174.51 | 1   | 2,531.91 | 1   | 2,888.94 | 1   | 3,245.85 |
| 1/4 | 40.40  | 1/4 | 394.91 | 1/4 | 752.41   | 1/4 | 1,109.45 | 1/4 | 1,466.93 | 1/4 | 1,824.44 | 1/4 | 2,181.95 | 1/4 | 2,539.35 | 1/4 | 2,896.38 | 1/4 | 3,253.26 |
| 1/2 | 46.91  | 1/2 | 402.36 | 1/2 | 759.86   | 1/2 | 1,116.89 | 1/2 | 1,474.37 | 1/2 | 1,831.89 | 1/2 | 2,189.40 | 1/2 | 2,546.79 | 1/2 | 2,903.82 | 1/2 | 3,260.67 |
| 3/4 | 53.43  | 3/4 | 409.81 | 3/4 | 767.31   | 3/4 | 1,124.34 | 3/4 | 1,481.82 | 3/4 | 1,839.34 | 3/4 | 2,196.85 | 3/4 | 2,554.22 | 3/4 | 2,911.26 | 3/4 | 3,268.08 |
| 2   | 59.94  | 2   | 417.25 | 2   | 774.76   | 2   | 1,131.78 | 2   | 1,489.27 | 2   | 1,846.78 | 2   | 2,204.30 | 2   | 2,561.66 | 2   | 2,918.69 | 2   | 3,275.49 |
| 1/4 | 67.35  | 1/4 | 424.70 | 1/4 | 782.21   | 1/4 | 1,139.22 | 1/4 | 1,496.72 | 1/4 | 1,854.23 | 1/4 | 2,211.75 | 1/4 | 2,569.10 | 1/4 | 2,926.13 | 1/4 | 3,282.90 |
| 1/2 | 74.77  | 1/2 | 432.15 | 1/2 | 789.65   | 1/2 | 1,146.66 | 1/2 | 1,504.17 | 1/2 | 1,861.68 | 1/2 | 2,219.19 | 1/2 | 2,576.54 | 1/2 | 2,933.57 | 1/2 | 3,290.31 |
| 3/4 | 82.18  | 3/4 | 439.60 | 3/4 | 797.10   | 3/4 | 1,154.11 | 3/4 | 1,511.62 | 3/4 | 1,869.13 | 3/4 | 2,226.64 | 3/4 | 2,583.98 | 3/4 | 2,941.01 | 3/4 | 3,297.71 |
| 3   | 89.59  | 3   | 447.05 | 3   | 804.55   | 3   | 1,161.55 | 3   | 1,519.06 | 3   | 1,876.58 | 3   | 2,234.09 | 3   | 2,591.42 | 3   | 2,948.45 | 3   | 3,305.12 |
| 1/4 | 97.03  | 1/4 | 454.49 | 1/4 | 812.00   | 1/4 | 1,169.00 | 1/4 | 1,526.51 | 1/4 | 1,884.03 | 1/4 | 2,241.54 | 1/4 | 2,598.86 | 1/4 | 2,955.88 | 1/4 | 3,312.53 |
| 1/2 | 104.46 | 1/2 | 461.94 | 1/2 | 819.45   | 1/2 | 1,176.45 | 1/2 | 1,533.96 | 1/2 | 1,891.47 | 1/2 | 2,248.99 | 1/2 | 2,606.30 | 1/2 | 2,963.32 | 1/2 | 3,319.94 |
| 3/4 | 111.90 | 3/4 | 469.39 | 3/4 | 826.89   | 3/4 | 1,183.89 | 3/4 | 1,541.41 | 3/4 | 1,898.92 | 3/4 | 2,256.44 | 3/4 | 2,613.74 | 3/4 | 2,970.76 | 3/4 | 3,327.35 |
| 4   | 119.34 | 4   | 476.84 | 4   | 834.34   | 4   | 1,191.34 | 4   | 1,548.86 | 4   | 1,906.37 | 4   | 2,263.88 | 4   | 2,621.17 | 4   | 2,978.20 | 4   | 3,334.76 |
| 1/4 | 126.79 | 1/4 | 484.29 | 1/4 | 841.79   | 1/4 | 1,198.79 | 1/4 | 1,556.30 | 1/4 | 1,913.82 | 1/4 | 2,271.33 | 1/4 | 2,628.61 | 1/4 | 2,985.64 | 1/4 | 3,342.17 |
| 1/2 | 134.23 | 1/2 | 491.73 | 1/2 | 849.24   | 1/2 | 1,206.24 | 1/2 | 1,563.75 | 1/2 | 1,921.27 | 1/2 | 2,278.78 | 1/2 | 2,636.05 | 1/2 | 2,993.07 | 1/2 | 3,349.58 |
| 3/4 | 141.68 | 3/4 | 499.18 | 3/4 | 856.69   | 3/4 | 1,213.69 | 3/4 | 1,571.20 | 3/4 | 1,928.71 | 3/4 | 2,286.23 | 3/4 | 2,643.49 | 3/4 | 3,000.51 | 3/4 | 3,356.99 |
| 5   | 149.13 | 5   | 506.63 | 5   | 864.13   | 5   | 1,221.14 | 5   | 1,578.65 | 5   | 1,936.16 | 5   | 2,293.68 | 5   | 2,650.93 | 5   | 3,007.95 | 5   | 3,364.40 |
| 1/4 | 156.57 | 1/4 | 514.08 | 1/4 | 871.57   | 1/4 | 1,228.58 | 1/4 | 1,586.10 | 1/4 | 1,943.61 | 1/4 | 2,301.12 | 1/4 | 2,658.37 | 1/4 | 3,015.39 | 1/4 | 3,371.81 |
| 1/2 | 164.02 | 1/2 | 521.53 | 1/2 | 879.00   | 1/2 | 1,236.03 | 1/2 | 1,593.55 | 1/2 | 1,951.06 | 1/2 | 2,308.57 | 1/2 | 2,665.81 | 1/2 | 3,022.82 | 1/2 | 3,379.21 |
| 3/4 | 171.47 | 3/4 | 528.97 | 3/4 | 886.43   | 3/4 | 1,243.48 | 3/4 | 1,600.99 | 3/4 | 1,958.51 | 3/4 | 2,316.02 | 3/4 | 2,673.24 | 3/4 | 3,030.26 | 3/4 | 3,386.62 |
| 6   | 178.92 | 6   | 536.42 | 6   | 893.87   | 6   | 1,250.93 | 6   | 1,608.44 | 6   | 1,965.96 | 6   | 2,323.47 | 6   | 2,680.68 | 6   | 3,037.70 | 6   | 3,394.02 |
| 1/4 | 186.37 | 1/4 | 543.87 | 1/4 | 901.30   | 1/4 | 1,258.38 | 1/4 | 1,615.89 | 1/4 | 1,973.40 | 1/4 | 2,330.92 | 1/4 | 2,688.12 | 1/4 | 3,045.14 | 1/4 | 3,401.42 |
| 1/2 | 193.81 | 1/2 | 551.32 | 1/2 | 908.74   | 1/2 | 1,265.83 | 1/2 | 1,623.34 | 1/2 | 1,980.85 | 1/2 | 2,338.37 | 1/2 | 2,695.56 | 1/2 | 3,052.58 | 1/2 | 3,408.81 |
| 3/4 | 201.26 | 3/4 | 558.77 | 3/4 | 916.17   | 3/4 | 1,273.27 | 3/4 | 1,630.79 | 3/4 | 1,988.30 | 3/4 | 2,345.81 | 3/4 | 2,703.00 | 3/4 | 3,060.01 | 3/4 | 3,416.21 |
| 7   | 208.71 | 7   | 566.21 | 7   | 923.60   | 7   | 1,280.72 | 7   | 1,638.24 | 7   | 1,995.75 | 7   | 2,353.26 | 7   | 2,710.43 | 7   | 3,067.45 | 7   | 3,423.61 |
| 1/4 | 216.16 | 1/4 | 573.66 | 1/4 | 931.04   | 1/4 | 1,288.17 | 1/4 | 1,645.68 | 1/4 | 2,003.20 | 1/4 | 2,360.71 | 1/4 | 2,717.87 | 1/4 | 3,074.89 | 1/4 | 3,430.78 |
| 1/2 | 223.61 | 1/2 | 581.11 | 1/2 | 938.47   | 1/2 | 1,295.62 | 1/2 | 1,653.13 | 1/2 | 2,010.65 | 1/2 | 2,368.16 | 1/2 | 2,725.31 | 1/2 | 3,082.33 | 1/2 | 3,437.94 |
| 3/4 | 231.05 | 3/4 | 588.56 | 3/4 | 945.90   | 3/4 | 1,303.07 | 3/4 | 1,660.58 | 3/4 | 2,018.09 | 3/4 | 2,375.61 | 3/4 | 2,732.75 | 3/4 | 3,089.77 | 3/4 | 3,445.11 |
| 8   | 238.50 | 8   | 596.01 | 8   | 953.34   | 8   | 1,310.51 | 8   | 1,668.03 | 8   | 2,025.54 | 8   | 2,383.06 | 8   | 2,740.18 | 8   | 3,097.20 | 8   | 3,452.28 |
| 1/4 | 245.95 | 1/4 | 603.45 | 1/4 | 960.77   | 1/4 | 1,317.96 | 1/4 | 1,675.48 | 1/4 | 2,032.99 | 1/4 | 2,390.50 | 1/4 | 2,747.62 | 1/4 | 3,104.64 | 1/4 | 3,459.97 |
| 1/2 | 253.40 | 1/2 | 610.90 | 1/2 | 968.20   | 1/2 | 1,325.41 | 1/2 | 1,682.92 | 1/2 | 2,040.44 | 1/2 | 2,397.95 | 1/2 | 2,755.06 | 1/2 | 3,112.08 | 1/2 | 3,465.67 |
| 3/4 | 260.85 | 3/4 | 618.35 | 3/4 | 975.64   | 3/4 | 1,332.86 | 3/4 | 1,690.37 | 3/4 | 2,047.89 | 3/4 | 2,405.40 | 3/4 | 2,762.50 | 3/4 | 3,119.52 | 3/4 | 3,472.36 |
| 9   | 268.29 | 9   | 625.80 | 9   | 983.07   | 9   | 1,340.31 | 9   | 1,697.82 | 9   | 2,055.33 | 9   | 2,412.85 | 9   | 2,769.94 | 9   | 3,126.96 | 9   | 3,479.05 |
| 1/4 | 275.74 | 1/4 | 633.25 | 1/4 | 990.50   | 1/4 | 1,347.76 | 1/4 | 1,705.27 | 1/4 | 2,062.78 | 1/4 | 2,420.30 | 1/4 | 2,777.37 | 1/4 | 3,134.39 | 1/4 | 3,485.26 |
| 1/2 | 283.19 | 1/2 | 640.69 | 1/2 | 997.94   | 1/2 | 1,355.20 | 1/2 | 1,712.72 | 1/2 | 2,070.23 | 1/2 | 2,427.74 | 1/2 | 2,784.81 | 1/2 | 3,141.83 | 1/2 | 3,491.47 |
| 3/4 | 290.64 | 3/4 | 648.14 | 3/4 | 1,005.37 | 3/4 | 1,362.65 | 3/4 | 1,720.17 | 3/4 | 2,077.68 | 3/4 | 2,435.19 | 3/4 | 2,792.25 | 3/4 | 3,149.27 | 3/4 | 3,497.68 |
| 10  | 298.09 | 10  | 655.59 | 10  | 1,012.81 | 10  | 1,370.10 | 10  | 1,727.61 | 10  | 2,085.13 | 10  | 2,442.64 | 10  | 2,799.69 | 10  | 3,156.71 | 10  | 3,503.89 |
| 1/4 | 305.53 | 1/4 | 663.04 | 1/4 | 1,020.24 | 1/4 | 1,377.55 | 1/4 | 1,735.06 | 1/4 | 2,092.58 | 1/4 | 2,450.08 | 1/4 | 2,807.13 | 1/4 | 3,164.14 | 1/4 | 3,509.63 |
| 1/2 | 312.98 | 1/2 | 670.49 | 1/2 | 1,027.67 | 1/2 | 1,385.00 | 1/2 | 1,742.51 | 1/2 | 2,100.02 | 1/2 | 2,457.52 | 1/2 | 2,814.56 | 1/2 | 3,171.58 | 1/2 | 3,515.36 |
| 3/4 | 320.43 | 3/4 | 677.93 | 3/4 | 1,035.11 | 3/4 | 1,392.44 | 3/4 | 1,749.96 | 3/4 | 2,107.47 | 3/4 | 2,464.96 | 3/4 | 2,822.00 | 3/4 | 3,179.02 | 3/4 | 3,521.09 |
| 11  | 327.88 | 11  | 685.38 | 11  | 1,042.54 | 11  | 1,399.89 | 11  | 1,757.41 | 11  | 2,114.92 | 11  | 2,472.40 | 11  | 2,829.44 | 11  | 3,186.46 | 11  | 3,526.83 |
| 1/4 | 335.33 | 1/4 | 692.83 | 1/4 | 1,049.97 | 1/4 | 1,407.34 | 1/4 | 1,764.85 | 1/4 | 2,122.37 | 1/4 | 2,479.84 | 1/4 | 2,836.88 | 1/4 | 3,193.90 | 1/4 | 3,532.08 |
| 1/2 | 342.77 | 1/2 | 700.28 | 1/2 | 1,057.41 | 1/2 | 1,414.79 | 1/2 | 1,772.30 | 1/2 | 2,129.82 | 1/2 | 2,487.27 | 1/2 | 2,844.32 | 1/2 | 3,201.33 | 1/2 | 3,537.33 |
| 3/4 | 350.22 | 3/4 | 707.73 | 3/4 | 1,064.84 | 3/4 | 1,422.24 | 3/4 | 1,779.75 | 3/4 | 2,137.26 | 3/4 | 2,494.71 | 3/4 | 2,851.75 | 3/4 | 3,208.77 | 3/4 | 3,542.59 |

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 INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



# BARGE "GMS 957"

3 STBD

INNAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09"

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   | 3,547.84 | 0   | 3,768.28 | 0   | 3,987.37 | 0   | 4,206.25 | 0   | 4,424.02 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 3,552.65 | 1/4 | 3,772.86 | 1/4 | 3,991.93 | 1/4 | 4,210.81 | 1/4 | 4,428.49 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,557.47 | 1/2 | 3,777.43 | 1/2 | 3,996.49 | 1/2 | 4,215.37 | 1/2 | 4,432.96 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,562.28 | 3/4 | 3,782.00 | 3/4 | 4,001.05 | 3/4 | 4,219.93 | 3/4 | 4,437.43 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 3,567.09 | 1   | 3,786.57 | 1   | 4,005.61 | 1   | 4,224.49 | 1   | 4,441.91 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 3,571.66 | 1/4 | 3,791.15 | 1/4 | 4,010.17 | 1/4 | 4,229.05 | 1/4 | 4,445.85 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,576.24 | 1/2 | 3,795.72 | 1/2 | 4,014.73 | 1/2 | 4,233.61 | 1/2 | 4,449.79 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,580.81 | 3/4 | 3,800.29 | 3/4 | 4,019.29 | 3/4 | 4,238.17 | 3/4 | 4,453.74 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 3,585.38 | 2   | 3,804.87 | 2   | 4,023.85 | 2   | 4,242.73 | 2   | 4,457.68 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 3,589.95 | 1/4 | 3,809.44 | 1/4 | 4,028.41 | 1/4 | 4,247.29 | 1/4 | 4,460.87 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,594.53 | 1/2 | 3,814.01 | 1/2 | 4,032.97 | 1/2 | 4,251.85 | 1/2 | 4,464.05 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,599.10 | 3/4 | 3,818.58 | 3/4 | 4,037.53 | 3/4 | 4,256.41 | 3/4 | 4,467.23 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 3,603.67 | 3   | 3,823.16 | 3   | 4,042.09 | 3   | 4,260.97 | 3   | 4,470.41 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 3,608.24 | 1/4 | 3,827.73 | 1/4 | 4,046.65 | 1/4 | 4,265.53 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,612.82 | 1/2 | 3,832.30 | 1/2 | 4,051.21 | 1/2 | 4,270.09 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,617.39 | 3/4 | 3,836.87 | 3/4 | 4,055.77 | 3/4 | 4,274.65 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 3,621.96 | 4   | 3,841.45 | 4   | 4,060.33 | 4   | 4,279.21 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 3,626.53 | 1/4 | 3,846.01 | 1/4 | 4,064.89 | 1/4 | 4,283.77 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,631.11 | 1/2 | 3,850.57 | 1/2 | 4,069.45 | 1/2 | 4,288.33 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,635.68 | 3/4 | 3,855.13 | 3/4 | 4,074.01 | 3/4 | 4,292.89 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 3,640.25 | 5   | 3,859.69 | 5   | 4,078.57 | 5   | 4,297.45 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 3,644.82 | 1/4 | 3,864.25 | 1/4 | 4,083.13 | 1/4 | 4,302.01 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,649.40 | 1/2 | 3,868.81 | 1/2 | 4,087.69 | 1/2 | 4,306.57 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,653.97 | 3/4 | 3,873.37 | 3/4 | 4,092.25 | 3/4 | 4,311.13 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 3,658.54 | 6   | 3,877.93 | 6   | 4,096.81 | 6   | 4,315.69 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 3,663.11 | 1/4 | 3,882.49 | 1/4 | 4,101.37 | 1/4 | 4,320.20 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,667.69 | 1/2 | 3,887.05 | 1/2 | 4,105.93 | 1/2 | 4,324.72 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,672.26 | 3/4 | 3,891.61 | 3/4 | 4,110.49 | 3/4 | 4,329.23 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 3,676.83 | 7   | 3,896.17 | 7   | 4,115.05 | 7   | 4,333.75 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 3,681.40 | 1/4 | 3,900.73 | 1/4 | 4,119.61 | 1/4 | 4,338.26 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,685.98 | 1/2 | 3,905.29 | 1/2 | 4,124.17 | 1/2 | 4,342.77 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,690.55 | 3/4 | 3,909.85 | 3/4 | 4,128.73 | 3/4 | 4,347.29 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 3,695.12 | 8   | 3,914.41 | 8   | 4,133.29 | 8   | 4,351.80 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 3,699.70 | 1/4 | 3,918.97 | 1/4 | 4,137.85 | 1/4 | 4,356.32 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,704.27 | 1/2 | 3,923.53 | 1/2 | 4,142.41 | 1/2 | 4,360.83 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,708.84 | 3/4 | 3,928.09 | 3/4 | 4,146.97 | 3/4 | 4,365.35 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 3,713.41 | 9   | 3,932.65 | 9   | 4,151.53 | 9   | 4,369.86 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 3,717.99 | 1/4 | 3,937.21 | 1/4 | 4,156.09 | 1/4 | 4,374.38 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,722.56 | 1/2 | 3,941.77 | 1/2 | 4,160.65 | 1/2 | 4,378.90 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,727.13 | 3/4 | 3,946.33 | 3/4 | 4,165.21 | 3/4 | 4,383.41 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 3,731.70 | 10  | 3,950.89 | 10  | 4,169.77 | 10  | 4,387.93 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 3,736.28 | 1/4 | 3,955.45 | 1/4 | 4,174.33 | 1/4 | 4,392.44 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,740.85 | 1/2 | 3,960.01 | 1/2 | 4,178.89 | 1/2 | 4,396.96 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,745.42 | 3/4 | 3,964.57 | 3/4 | 4,183.45 | 3/4 | 4,401.47 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 3,749.99 | 11  | 3,969.13 | 11  | 4,188.01 | 11  | 4,405.99 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 3,754.57 | 1/4 | 3,973.69 | 1/4 | 4,192.57 | 1/4 | 4,410.49 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 3,759.14 | 1/2 | 3,978.25 | 1/2 | 4,197.13 | 1/2 | 4,415.00 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 3,763.71 | 3/4 | 3,982.81 | 3/4 | 4,201.69 | 3/4 | 4,419.51 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/28/2020 CL  
CALCULATED: 10/29/2020 CL  
PRINTED: 10/29/2020 SW

CANCELS AND SUPERCEDES  
ALL PRIOR TO 10/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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