



# BARGE "GMS 958"

ULLAGE (HERMETIC)

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-0/8     | - 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     | 00-1/8     | - 00-1/8     | 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 ULLAGE GAUGE OF 4'-00" ON 2 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 235'-09"

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PRECISION MEASUREMENT  
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# BARGE "GMS 958"

## 1 PORT ULLAGE 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   |       | 0   |          | 0   | 4,867.36 | 0   | 4,510.93 | 0   | 4,153.56 | 0   | 3,795.59 | 0   | 3,437.16 | 0   | 3,078.74 | 0   | 2,720.31 | 0   | 2,361.82 |
| 1/4 |       | 1/4 |          | 1/4 | 4,859.99 | 1/4 | 4,503.49 | 1/4 | 4,146.11 | 1/4 | 3,788.12 | 1/4 | 3,429.69 | 1/4 | 3,071.27 | 1/4 | 2,712.84 | 1/4 | 2,354.35 |
| 1/2 |       | 1/2 |          | 1/2 | 4,852.61 | 1/2 | 4,496.04 | 1/2 | 4,138.66 | 1/2 | 3,780.65 | 1/2 | 3,422.23 | 1/2 | 3,063.80 | 1/2 | 2,705.38 | 1/2 | 2,346.88 |
| 3/4 |       | 3/4 |          | 3/4 | 4,845.24 | 3/4 | 4,488.60 | 3/4 | 4,131.22 | 3/4 | 3,773.19 | 3/4 | 3,414.76 | 3/4 | 3,056.33 | 3/4 | 2,697.91 | 3/4 | 2,339.41 |
| 1   |       | 1   |          | 1   | 4,837.87 | 1   | 4,481.15 | 1   | 4,123.77 | 1   | 3,765.72 | 1   | 3,407.29 | 1   | 3,048.87 | 1   | 2,690.44 | 1   | 2,331.94 |
| 1/4 |       | 1/4 |          | 1/4 | 4,830.50 | 1/4 | 4,473.71 | 1/4 | 4,116.33 | 1/4 | 3,758.25 | 1/4 | 3,399.83 | 1/4 | 3,041.40 | 1/4 | 2,682.97 | 1/4 | 2,324.47 |
| 1/2 |       | 1/2 |          | 1/2 | 4,823.13 | 1/2 | 4,466.26 | 1/2 | 4,108.88 | 1/2 | 3,750.78 | 1/2 | 3,392.36 | 1/2 | 3,033.93 | 1/2 | 2,675.51 | 1/2 | 2,317.00 |
| 3/4 |       | 3/4 |          | 3/4 | 4,815.75 | 3/4 | 4,458.82 | 3/4 | 4,101.44 | 3/4 | 3,743.32 | 3/4 | 3,384.89 | 3/4 | 3,026.47 | 3/4 | 2,668.04 | 3/4 | 2,309.53 |
| 2   |       | 2   |          | 2   | 4,808.38 | 2   | 4,451.37 | 2   | 4,093.99 | 2   | 3,735.85 | 2   | 3,377.42 | 2   | 3,019.00 | 2   | 2,660.57 | 2   | 2,302.07 |
| 1/4 |       | 1/4 |          | 1/4 | 4,801.01 | 1/4 | 4,443.93 | 1/4 | 4,086.55 | 1/4 | 3,728.38 | 1/4 | 3,369.96 | 1/4 | 3,011.53 | 1/4 | 2,653.11 | 1/4 | 2,294.60 |
| 1/2 |       | 1/2 |          | 1/2 | 4,793.64 | 1/2 | 4,436.48 | 1/2 | 4,079.10 | 1/2 | 3,720.92 | 1/2 | 3,362.49 | 1/2 | 3,004.06 | 1/2 | 2,645.64 | 1/2 | 2,287.13 |
| 3/4 |       | 3/4 |          | 3/4 | 4,786.27 | 3/4 | 4,429.03 | 3/4 | 4,071.66 | 3/4 | 3,713.45 | 3/4 | 3,355.02 | 3/4 | 2,996.60 | 3/4 | 2,638.17 | 3/4 | 2,279.66 |
| 3   |       | 3   |          | 3   | 4,778.90 | 3   | 4,421.59 | 3   | 4,064.21 | 3   | 3,705.98 | 3   | 3,347.56 | 3   | 2,989.13 | 3   | 2,630.70 | 3   | 2,272.19 |
| 1/4 |       | 1/4 |          | 1/4 | 4,771.52 | 1/4 | 4,414.14 | 1/4 | 4,056.76 | 1/4 | 3,698.51 | 1/4 | 3,340.09 | 1/4 | 2,981.66 | 1/4 | 2,623.24 | 1/4 | 2,264.72 |
| 1/2 |       | 1/2 |          | 1/2 | 4,764.08 | 1/2 | 4,406.70 | 1/2 | 4,049.32 | 1/2 | 3,691.05 | 1/2 | 3,332.62 | 1/2 | 2,974.20 | 1/2 | 2,615.77 | 1/2 | 2,257.25 |
| 3/4 |       | 3/4 |          | 3/4 | 4,756.63 | 3/4 | 4,399.25 | 3/4 | 4,041.87 | 3/4 | 3,683.58 | 3/4 | 3,325.15 | 3/4 | 2,966.73 | 3/4 | 2,608.30 | 3/4 | 2,249.78 |
| 4   |       | 4   |          | 4   | 4,749.19 | 4   | 4,391.81 | 4   | 4,034.43 | 4   | 3,676.11 | 4   | 3,317.69 | 4   | 2,959.26 | 4   | 2,600.84 | 4   | 2,242.31 |
| 1/4 |       | 1/4 |          | 1/4 | 4,741.74 | 1/4 | 4,384.36 | 1/4 | 4,026.98 | 1/4 | 3,668.64 | 1/4 | 3,310.22 | 1/4 | 2,951.79 | 1/4 | 2,593.37 | 1/4 | 2,234.84 |
| 1/2 |       | 1/2 |          | 1/2 | 4,734.30 | 1/2 | 4,376.92 | 1/2 | 4,019.54 | 1/2 | 3,661.18 | 1/2 | 3,302.75 | 1/2 | 2,944.33 | 1/2 | 2,585.90 | 1/2 | 2,227.37 |
| 3/4 |       | 3/4 |          | 3/4 | 4,726.85 | 3/4 | 4,369.47 | 3/4 | 4,012.09 | 3/4 | 3,653.71 | 3/4 | 3,295.28 | 3/4 | 2,936.86 | 3/4 | 2,578.43 | 3/4 | 2,219.90 |
| 5   |       | 5   |          | 5   | 4,719.41 | 5   | 4,362.03 | 5   | 4,004.65 | 5   | 3,646.24 | 5   | 3,287.82 | 5   | 2,929.39 | 5   | 2,570.96 | 5   | 2,212.43 |
| 1/4 |       | 1/4 |          | 1/4 | 4,711.96 | 1/4 | 4,354.58 | 1/4 | 3,997.20 | 1/4 | 3,638.78 | 1/4 | 3,280.35 | 1/4 | 2,921.92 | 1/4 | 2,563.49 | 1/4 | 2,204.96 |
| 1/2 |       | 1/2 |          | 1/2 | 4,704.51 | 1/2 | 4,347.14 | 1/2 | 3,989.73 | 1/2 | 3,631.31 | 1/2 | 3,272.88 | 1/2 | 2,914.46 | 1/2 | 2,556.02 | 1/2 | 2,197.50 |
| 3/4 |       | 3/4 |          | 3/4 | 4,697.07 | 3/4 | 4,339.69 | 3/4 | 3,982.27 | 3/4 | 3,623.84 | 3/4 | 3,265.42 | 3/4 | 2,906.99 | 3/4 | 2,548.55 | 3/4 | 2,190.03 |
| 6   |       | 6   |          | 6   | 4,689.62 | 6   | 4,332.24 | 6   | 3,974.80 | 6   | 3,616.37 | 6   | 3,257.95 | 6   | 2,899.52 | 6   | 2,541.08 | 6   | 2,182.56 |
| 1/4 |       | 1/4 | 5,024.15 | 1/4 | 4,682.18 | 1/4 | 4,324.80 | 1/4 | 3,967.33 | 1/4 | 3,608.91 | 1/4 | 3,250.48 | 1/4 | 2,892.06 | 1/4 | 2,533.61 | 1/4 | 2,175.09 |
| 1/2 |       | 1/2 | 5,018.95 | 1/2 | 4,674.73 | 1/2 | 4,317.35 | 1/2 | 3,959.87 | 1/2 | 3,601.44 | 1/2 | 3,243.01 | 1/2 | 2,884.59 | 1/2 | 2,526.14 | 1/2 | 2,167.62 |
| 3/4 |       | 3/4 | 5,013.76 | 3/4 | 4,667.29 | 3/4 | 4,309.91 | 3/4 | 3,952.40 | 3/4 | 3,593.97 | 3/4 | 3,235.55 | 3/4 | 2,877.12 | 3/4 | 2,518.68 | 3/4 | 2,160.15 |
| 7   |       | 7   | 5,008.56 | 7   | 4,659.84 | 7   | 4,302.46 | 7   | 3,944.93 | 7   | 3,586.51 | 7   | 3,228.08 | 7   | 2,869.65 | 7   | 2,511.21 | 7   | 2,152.68 |
| 1/4 |       | 1/4 | 5,003.37 | 1/4 | 4,652.40 | 1/4 | 4,295.02 | 1/4 | 3,937.46 | 1/4 | 3,579.04 | 1/4 | 3,220.61 | 1/4 | 2,862.19 | 1/4 | 2,503.74 | 1/4 | 2,145.21 |
| 1/2 |       | 1/2 | 4,996.93 | 1/2 | 4,644.95 | 1/2 | 4,287.57 | 1/2 | 3,930.00 | 1/2 | 3,571.57 | 1/2 | 3,213.15 | 1/2 | 2,854.72 | 1/2 | 2,496.27 | 1/2 | 2,137.74 |
| 3/4 |       | 3/4 | 4,990.49 | 3/4 | 4,637.51 | 3/4 | 4,280.13 | 3/4 | 3,922.53 | 3/4 | 3,564.10 | 3/4 | 3,205.68 | 3/4 | 2,847.25 | 3/4 | 2,488.80 | 3/4 | 2,130.27 |
| 8   |       | 8   | 4,984.05 | 8   | 4,630.06 | 8   | 4,272.68 | 8   | 3,915.06 | 8   | 3,556.64 | 8   | 3,198.21 | 8   | 2,839.79 | 8   | 2,481.33 | 8   | 2,122.80 |
| 1/4 |       | 1/4 | 4,977.61 | 1/4 | 4,622.62 | 1/4 | 4,265.24 | 1/4 | 3,907.60 | 1/4 | 3,549.17 | 1/4 | 3,190.74 | 1/4 | 2,832.32 | 1/4 | 2,473.86 | 1/4 | 2,115.33 |
| 1/2 |       | 1/2 | 4,970.31 | 1/2 | 4,615.17 | 1/2 | 4,257.79 | 1/2 | 3,900.13 | 1/2 | 3,541.70 | 1/2 | 3,183.28 | 1/2 | 2,824.85 | 1/2 | 2,466.39 | 1/2 | 2,107.86 |
| 3/4 |       | 3/4 | 4,963.00 | 3/4 | 4,607.72 | 3/4 | 4,250.35 | 3/4 | 3,892.66 | 3/4 | 3,534.24 | 3/4 | 3,175.81 | 3/4 | 2,817.38 | 3/4 | 2,458.92 | 3/4 | 2,100.39 |
| 9   |       | 9   | 4,955.70 | 9   | 4,600.28 | 9   | 4,242.90 | 9   | 3,885.19 | 9   | 3,526.77 | 9   | 3,168.34 | 9   | 2,809.92 | 9   | 2,451.45 | 9   | 2,092.92 |
| 1/4 |       | 1/4 | 4,948.40 | 1/4 | 4,592.83 | 1/4 | 4,235.45 | 1/4 | 3,877.73 | 1/4 | 3,519.30 | 1/4 | 3,160.88 | 1/4 | 2,802.45 | 1/4 | 2,443.98 | 1/4 | 2,085.46 |
| 1/2 |       | 1/2 | 4,941.04 | 1/2 | 4,585.39 | 1/2 | 4,228.01 | 1/2 | 3,870.26 | 1/2 | 3,511.83 | 1/2 | 3,153.41 | 1/2 | 2,794.98 | 1/2 | 2,436.51 | 1/2 | 2,077.99 |
| 3/4 |       | 3/4 | 4,933.68 | 3/4 | 4,577.94 | 3/4 | 4,220.56 | 3/4 | 3,862.79 | 3/4 | 3,504.37 | 3/4 | 3,145.94 | 3/4 | 2,787.52 | 3/4 | 2,429.04 | 3/4 | 2,070.52 |
| 10  |       | 10  | 4,926.32 | 10  | 4,570.50 | 10  | 4,213.12 | 10  | 3,855.32 | 10  | 3,496.90 | 10  | 3,138.47 | 10  | 2,780.05 | 10  | 2,421.57 | 10  | 2,063.05 |
| 1/4 |       | 1/4 | 4,918.96 | 1/4 | 4,563.05 | 1/4 | 4,205.67 | 1/4 | 3,847.86 | 1/4 | 3,489.43 | 1/4 | 3,131.01 | 1/4 | 2,772.58 | 1/4 | 2,414.10 | 1/4 | 2,055.58 |
| 1/2 |       | 1/2 | 4,911.59 | 1/2 | 4,555.61 | 1/2 | 4,198.23 | 1/2 | 3,840.39 | 1/2 | 3,481.96 | 1/2 | 3,123.54 | 1/2 | 2,765.11 | 1/2 | 2,406.64 | 1/2 | 2,048.11 |
| 3/4 |       | 3/4 | 4,904.22 | 3/4 | 4,548.16 | 3/4 | 4,190.78 | 3/4 | 3,832.92 | 3/4 | 3,474.50 | 3/4 | 3,116.07 | 3/4 | 2,757.65 | 3/4 | 2,399.17 | 3/4 | 2,040.64 |
| 11  |       | 11  | 4,896.85 | 11  | 4,540.72 | 11  | 4,183.34 | 11  | 3,825.46 | 11  | 3,467.03 | 11  | 3,108.60 | 11  | 2,750.18 | 11  | 2,391.70 | 11  | 2,033.17 |
| 1/4 |       | 1/4 | 4,889.48 | 1/4 | 4,533.27 | 1/4 | 4,175.89 | 1/4 | 3,817.99 | 1/4 | 3,459.56 | 1/4 | 3,101.14 | 1/4 | 2,742.71 | 1/4 | 2,384.23 | 1/4 | 2,025.70 |
| 1/2 |       | 1/2 | 4,882.11 | 1/2 | 4,525.83 | 1/2 | 4,168.45 | 1/2 | 3,810.52 | 1/2 | 3,452.10 | 1/2 | 3,093.67 | 1/2 | 2,735.24 | 1/2 | 2,376.76 | 1/2 | 2,018.23 |
| 3/4 |       | 3/4 | 4,874.73 | 3/4 | 4,518.38 | 3/4 | 4,161.00 | 3/4 | 3,803.05 | 3/4 | 3,444.63 | 3/4 | 3,086.20 | 3/4 | 2,727.78 | 3/4 | 2,369.29 | 3/4 | 2,010.76 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

## 1 PORT ULLAGE TABLE HERMETIC GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,003.29 | 0   | 1,644.77 | 0   | 1,286.24 | 0   | 929.05 | 0   | 571.75 | 0   | 229.95 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,995.82 | 1/4 | 1,637.30 | 1/4 | 1,278.77 | 1/4 | 921.64 | 1/4 | 564.29 | 1/4 | 223.32 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,988.35 | 1/2 | 1,629.83 | 1/2 | 1,271.30 | 1/2 | 914.23 | 1/2 | 556.83 | 1/2 | 216.77 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,980.89 | 3/4 | 1,622.36 | 3/4 | 1,263.83 | 3/4 | 906.82 | 3/4 | 549.36 | 3/4 | 210.22 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 1,973.42 | 1   | 1,614.89 | 1   | 1,256.36 | 1   | 899.41 | 1   | 541.90 | 1   | 203.67 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,965.95 | 1/4 | 1,607.42 | 1/4 | 1,248.89 | 1/4 | 892.00 | 1/4 | 534.43 | 1/4 | 197.12 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,958.48 | 1/2 | 1,599.95 | 1/2 | 1,241.42 | 1/2 | 884.59 | 1/2 | 526.97 | 1/2 | 190.66 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,951.01 | 3/4 | 1,592.48 | 3/4 | 1,233.96 | 3/4 | 877.18 | 3/4 | 519.50 | 3/4 | 184.20 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 1,943.54 | 2   | 1,585.01 | 2   | 1,226.49 | 2   | 869.77 | 2   | 512.03 | 2   | 177.74 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,936.07 | 1/4 | 1,577.54 | 1/4 | 1,219.02 | 1/4 | 862.36 | 1/4 | 504.56 | 1/4 | 171.28 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,928.60 | 1/2 | 1,570.07 | 1/2 | 1,211.55 | 1/2 | 854.95 | 1/2 | 497.13 | 1/2 | 164.90 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,921.13 | 3/4 | 1,562.60 | 3/4 | 1,204.08 | 3/4 | 847.54 | 3/4 | 489.71 | 3/4 | 158.53 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 1,913.66 | 3   | 1,555.14 | 3   | 1,196.61 | 3   | 840.13 | 3   | 482.28 | 3   | 152.15 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,906.19 | 1/4 | 1,547.67 | 1/4 | 1,189.14 | 1/4 | 832.72 | 1/4 | 474.86 | 1/4 | 145.78 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,898.72 | 1/2 | 1,540.20 | 1/2 | 1,181.67 | 1/2 | 825.31 | 1/2 | 467.52 | 1/2 | 139.50 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,891.25 | 3/4 | 1,532.73 | 3/4 | 1,174.20 | 3/4 | 817.90 | 3/4 | 460.18 | 3/4 | 133.21 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 1,883.78 | 4   | 1,525.26 | 4   | 1,166.73 | 4   | 810.49 | 4   | 452.84 | 4   | 126.92 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,876.32 | 1/4 | 1,517.79 | 1/4 | 1,159.26 | 1/4 | 803.08 | 1/4 | 445.51 | 1/4 | 120.64 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,868.85 | 1/2 | 1,510.32 | 1/2 | 1,151.79 | 1/2 | 795.66 | 1/2 | 438.26 | 1/2 | 114.44 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,861.38 | 3/4 | 1,502.85 | 3/4 | 1,144.32 | 3/4 | 788.24 | 3/4 | 431.01 | 3/4 | 108.24 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,853.91 | 5   | 1,495.38 | 5   | 1,136.85 | 5   | 780.82 | 5   | 423.76 | 5   | 102.05 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,846.44 | 1/4 | 1,487.91 | 1/4 | 1,129.39 | 1/4 | 773.40 | 1/4 | 416.51 | 1/4 | 95.85  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,838.97 | 1/2 | 1,480.44 | 1/2 | 1,121.95 | 1/2 | 765.93 | 1/2 | 409.34 | 1/2 | 89.75  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,831.50 | 3/4 | 1,472.97 | 3/4 | 1,114.51 | 3/4 | 758.46 | 3/4 | 402.18 | 3/4 | 83.65  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,824.03 | 6   | 1,465.50 | 6   | 1,107.07 | 6   | 751.00 | 6   | 395.02 | 6   | 77.55  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,816.56 | 1/4 | 1,458.03 | 1/4 | 1,099.63 | 1/4 | 743.53 | 1/4 | 387.85 | 1/4 | 71.45  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,809.09 | 1/2 | 1,450.57 | 1/2 | 1,092.20 | 1/2 | 736.06 | 1/2 | 380.78 | 1/2 | 65.46  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,801.62 | 3/4 | 1,443.10 | 3/4 | 1,084.76 | 3/4 | 728.59 | 3/4 | 373.71 | 3/4 | 59.47  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,794.15 | 7   | 1,435.63 | 7   | 1,077.32 | 7   | 721.12 | 7   | 366.63 | 7   | 53.49  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,786.68 | 1/4 | 1,428.16 | 1/4 | 1,069.88 | 1/4 | 713.65 | 1/4 | 359.56 | 1/4 | 47.50  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,779.21 | 1/2 | 1,420.69 | 1/2 | 1,062.46 | 1/2 | 706.18 | 1/2 | 352.57 | 1/2 | 42.50  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,771.75 | 3/4 | 1,413.22 | 3/4 | 1,055.05 | 3/4 | 698.71 | 3/4 | 345.58 | 3/4 | 37.50  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,764.28 | 8   | 1,405.75 | 8   | 1,047.63 | 8   | 691.24 | 8   | 338.59 | 8   | 32.50  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,756.81 | 1/4 | 1,398.28 | 1/4 | 1,040.21 | 1/4 | 683.77 | 1/4 | 331.61 | 1/4 | 27.50  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,749.34 | 1/2 | 1,390.81 | 1/2 | 1,032.80 | 1/2 | 676.30 | 1/2 | 324.71 | 1/2 | 24.45  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,741.87 | 3/4 | 1,383.34 | 3/4 | 1,025.39 | 3/4 | 668.84 | 3/4 | 317.81 | 3/4 | 21.40  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,734.40 | 9   | 1,375.87 | 9   | 1,017.98 | 9   | 661.37 | 9   | 310.91 | 9   | 18.36  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,726.93 | 1/4 | 1,368.40 | 1/4 | 1,010.57 | 1/4 | 653.90 | 1/4 | 304.01 | 1/4 | 15.30  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,719.46 | 1/2 | 1,360.93 | 1/2 | 1,003.16 | 1/2 | 646.43 | 1/2 | 297.20 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,711.99 | 3/4 | 1,353.46 | 3/4 | 995.75   | 3/4 | 638.96 | 3/4 | 290.39 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,704.52 | 10  | 1,345.99 | 10  | 988.34   | 10  | 631.49 | 10  | 283.57 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,697.05 | 1/4 | 1,338.53 | 1/4 | 980.92   | 1/4 | 624.02 | 1/4 | 276.76 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,689.58 | 1/2 | 1,331.06 | 1/2 | 973.51   | 1/2 | 616.55 | 1/2 | 270.04 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,682.11 | 3/4 | 1,323.59 | 3/4 | 966.10   | 3/4 | 609.08 | 3/4 | 263.31 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,674.64 | 11  | 1,316.12 | 11  | 958.69   | 11  | 601.61 | 11  | 256.59 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,667.17 | 1/4 | 1,308.65 | 1/4 | 951.28   | 1/4 | 594.14 | 1/4 | 249.86 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,659.71 | 1/2 | 1,301.18 | 1/2 | 943.87   | 1/2 | 586.68 | 1/2 | 243.23 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,652.24 | 3/4 | 1,293.71 | 3/4 | 936.46   | 3/4 | 579.22 | 3/4 | 236.59 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

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



# BARGE "GMS 958"

1 STBD

## ULLAGE 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   |       | 0   |          | 0   | 4,860.72 | 0   | 4,504.94 | 0   | 4,148.20 | 0   | 3,790.87 | 0   | 3,433.09 | 0   | 3,075.30 | 0   | 2,717.52 | 0   | 2,359.67 |
| 1/4 |       | 1/4 |          | 1/4 | 4,853.36 | 1/4 | 4,497.50 | 1/4 | 4,140.76 | 1/4 | 3,783.41 | 1/4 | 3,425.63 | 1/4 | 3,067.85 | 1/4 | 2,710.07 | 1/4 | 2,352.21 |
| 1/2 |       | 1/2 |          | 1/2 | 4,846.00 | 1/2 | 4,490.07 | 1/2 | 4,133.33 | 1/2 | 3,775.96 | 1/2 | 3,418.18 | 1/2 | 3,060.40 | 1/2 | 2,702.61 | 1/2 | 2,344.76 |
| 3/4 |       | 3/4 |          | 3/4 | 4,838.65 | 3/4 | 4,482.64 | 3/4 | 4,125.90 | 3/4 | 3,768.51 | 3/4 | 3,410.72 | 3/4 | 3,052.94 | 3/4 | 2,695.16 | 3/4 | 2,337.30 |
| 1   |       | 1   |          | 1   | 4,831.29 | 1   | 4,475.21 | 1   | 4,118.47 | 1   | 3,761.05 | 1   | 3,403.27 | 1   | 3,045.49 | 1   | 2,687.71 | 1   | 2,329.85 |
| 1/4 |       | 1/4 |          | 1/4 | 4,823.93 | 1/4 | 4,467.78 | 1/4 | 4,111.03 | 1/4 | 3,753.60 | 1/4 | 3,395.82 | 1/4 | 3,038.03 | 1/4 | 2,680.25 | 1/4 | 2,322.39 |
| 1/2 |       | 1/2 |          | 1/2 | 4,816.57 | 1/2 | 4,460.34 | 1/2 | 4,103.60 | 1/2 | 3,746.15 | 1/2 | 3,388.36 | 1/2 | 3,030.58 | 1/2 | 2,672.80 | 1/2 | 2,314.93 |
| 3/4 |       | 3/4 |          | 3/4 | 4,809.21 | 3/4 | 4,452.91 | 3/4 | 4,096.17 | 3/4 | 3,738.69 | 3/4 | 3,380.91 | 3/4 | 3,023.13 | 3/4 | 2,665.34 | 3/4 | 2,307.48 |
| 2   |       | 2   |          | 2   | 4,801.85 | 2   | 4,445.48 | 2   | 4,088.74 | 2   | 3,731.24 | 2   | 3,373.46 | 2   | 3,015.67 | 2   | 2,657.89 | 2   | 2,300.02 |
| 1/4 |       | 1/4 |          | 1/4 | 4,794.49 | 1/4 | 4,438.05 | 1/4 | 4,081.31 | 1/4 | 3,723.78 | 1/4 | 3,366.00 | 1/4 | 3,008.22 | 1/4 | 2,650.44 | 1/4 | 2,292.57 |
| 1/2 |       | 1/2 |          | 1/2 | 4,787.14 | 1/2 | 4,430.62 | 1/2 | 4,073.87 | 1/2 | 3,716.33 | 1/2 | 3,358.55 | 1/2 | 3,000.77 | 1/2 | 2,642.98 | 1/2 | 2,285.11 |
| 3/4 |       | 3/4 |          | 3/4 | 4,779.78 | 3/4 | 4,423.18 | 3/4 | 4,066.44 | 3/4 | 3,708.88 | 3/4 | 3,351.09 | 3/4 | 2,993.31 | 3/4 | 2,635.53 | 3/4 | 2,277.65 |
| 3   |       | 3   |          | 3   | 4,772.42 | 3   | 4,415.75 | 3   | 4,059.01 | 3   | 3,701.42 | 3   | 3,343.64 | 3   | 2,985.86 | 3   | 2,628.08 | 3   | 2,270.20 |
| 1/4 |       | 1/4 |          | 1/4 | 4,765.06 | 1/4 | 4,408.32 | 1/4 | 4,051.58 | 1/4 | 3,693.97 | 1/4 | 3,336.19 | 1/4 | 2,978.40 | 1/4 | 2,620.62 | 1/4 | 2,262.74 |
| 1/2 |       | 1/2 |          | 1/2 | 4,757.63 | 1/2 | 4,400.89 | 1/2 | 4,044.15 | 1/2 | 3,686.52 | 1/2 | 3,328.73 | 1/2 | 2,970.95 | 1/2 | 2,613.17 | 1/2 | 2,255.29 |
| 3/4 |       | 3/4 |          | 3/4 | 4,750.20 | 3/4 | 4,393.45 | 3/4 | 4,036.71 | 3/4 | 3,679.06 | 3/4 | 3,321.28 | 3/4 | 2,963.50 | 3/4 | 2,605.71 | 3/4 | 2,247.83 |
| 4   |       | 4   |          | 4   | 4,742.76 | 4   | 4,386.02 | 4   | 4,029.28 | 4   | 3,671.61 | 4   | 3,313.83 | 4   | 2,956.04 | 4   | 2,598.26 | 4   | 2,240.37 |
| 1/4 |       | 1/4 |          | 1/4 | 4,735.33 | 1/4 | 4,378.59 | 1/4 | 4,021.85 | 1/4 | 3,664.15 | 1/4 | 3,306.37 | 1/4 | 2,948.59 | 1/4 | 2,590.81 | 1/4 | 2,232.92 |
| 1/2 |       | 1/2 |          | 1/2 | 4,727.90 | 1/2 | 4,371.16 | 1/2 | 4,014.42 | 1/2 | 3,656.70 | 1/2 | 3,298.92 | 1/2 | 2,941.14 | 1/2 | 2,583.35 | 1/2 | 2,225.46 |
| 3/4 |       | 3/4 |          | 3/4 | 4,720.47 | 3/4 | 4,363.73 | 3/4 | 4,006.99 | 3/4 | 3,649.25 | 3/4 | 3,291.46 | 3/4 | 2,933.68 | 3/4 | 2,575.89 | 3/4 | 2,218.01 |
| 5   |       | 5   |          | 5   | 4,713.03 | 5   | 4,356.29 | 5   | 3,999.55 | 5   | 3,641.79 | 5   | 3,284.01 | 5   | 2,926.23 | 5   | 2,568.44 | 5   | 2,210.55 |
| 1/4 |       | 1/4 |          | 1/4 | 4,705.60 | 1/4 | 4,348.86 | 1/4 | 3,992.12 | 1/4 | 3,634.34 | 1/4 | 3,276.56 | 1/4 | 2,918.77 | 1/4 | 2,560.98 | 1/4 | 2,203.09 |
| 1/2 |       | 1/2 |          | 1/2 | 4,698.17 | 1/2 | 4,341.43 | 1/2 | 3,984.67 | 1/2 | 3,626.89 | 1/2 | 3,269.10 | 1/2 | 2,911.32 | 1/2 | 2,553.53 | 1/2 | 2,195.64 |
| 3/4 |       | 3/4 |          | 3/4 | 4,690.74 | 3/4 | 4,334.00 | 3/4 | 3,977.21 | 3/4 | 3,619.43 | 3/4 | 3,261.65 | 3/4 | 2,903.87 | 3/4 | 2,546.07 | 3/4 | 2,188.18 |
| 6   |       | 6   |          | 6   | 4,683.31 | 6   | 4,326.57 | 6   | 3,969.76 | 6   | 3,611.98 | 6   | 3,254.20 | 6   | 2,896.41 | 6   | 2,538.61 | 6   | 2,180.73 |
| 1/4 |       | 1/4 | 5,017.23 | 1/4 | 4,675.87 | 1/4 | 4,319.13 | 1/4 | 3,962.31 | 1/4 | 3,604.52 | 1/4 | 3,246.74 | 1/4 | 2,888.96 | 1/4 | 2,531.16 | 1/4 | 2,173.27 |
| 1/2 |       | 1/2 | 5,012.04 | 1/2 | 4,668.44 | 1/2 | 4,311.70 | 1/2 | 3,954.85 | 1/2 | 3,597.07 | 1/2 | 3,239.29 | 1/2 | 2,881.51 | 1/2 | 2,523.70 | 1/2 | 2,165.81 |
| 3/4 |       | 3/4 | 5,006.86 | 3/4 | 4,661.01 | 3/4 | 4,304.27 | 3/4 | 3,947.40 | 3/4 | 3,589.62 | 3/4 | 3,231.83 | 3/4 | 2,874.05 | 3/4 | 2,516.25 | 3/4 | 2,158.36 |
| 7   |       | 7   | 5,001.67 | 7   | 4,653.58 | 7   | 4,296.84 | 7   | 3,939.94 | 7   | 3,582.16 | 7   | 3,224.38 | 7   | 2,866.60 | 7   | 2,508.79 | 7   | 2,150.90 |
| 1/4 |       | 1/4 | 4,996.49 | 1/4 | 4,646.15 | 1/4 | 4,289.41 | 1/4 | 3,932.49 | 1/4 | 3,574.71 | 1/4 | 3,216.93 | 1/4 | 2,859.14 | 1/4 | 2,501.33 | 1/4 | 2,143.45 |
| 1/2 |       | 1/2 | 4,990.06 | 1/2 | 4,638.71 | 1/2 | 4,281.97 | 1/2 | 3,925.04 | 1/2 | 3,567.25 | 1/2 | 3,209.47 | 1/2 | 2,851.69 | 1/2 | 2,493.88 | 1/2 | 2,135.99 |
| 3/4 |       | 3/4 | 4,983.63 | 3/4 | 4,631.28 | 3/4 | 4,274.54 | 3/4 | 3,917.58 | 3/4 | 3,559.80 | 3/4 | 3,202.02 | 3/4 | 2,844.24 | 3/4 | 2,486.42 | 3/4 | 2,128.53 |
| 8   |       | 8   | 4,977.20 | 8   | 4,623.85 | 8   | 4,267.11 | 8   | 3,910.13 | 8   | 3,552.35 | 8   | 3,194.56 | 8   | 2,836.78 | 8   | 2,478.97 | 8   | 2,121.08 |
| 1/4 |       | 1/4 | 4,970.77 | 1/4 | 4,616.42 | 1/4 | 4,259.68 | 1/4 | 3,902.68 | 1/4 | 3,544.89 | 1/4 | 3,187.11 | 1/4 | 2,829.33 | 1/4 | 2,471.51 | 1/4 | 2,113.62 |
| 1/2 |       | 1/2 | 4,963.48 | 1/2 | 4,608.99 | 1/2 | 4,252.24 | 1/2 | 3,895.22 | 1/2 | 3,537.44 | 1/2 | 3,179.66 | 1/2 | 2,821.87 | 1/2 | 2,464.05 | 1/2 | 2,106.17 |
| 3/4 |       | 3/4 | 4,956.19 | 3/4 | 4,601.55 | 3/4 | 4,244.81 | 3/4 | 3,887.77 | 3/4 | 3,529.99 | 3/4 | 3,172.20 | 3/4 | 2,814.42 | 3/4 | 2,456.60 | 3/4 | 2,098.71 |
| 9   |       | 9   | 4,948.90 | 9   | 4,594.12 | 9   | 4,237.38 | 9   | 3,880.31 | 9   | 3,522.53 | 9   | 3,164.75 | 9   | 2,806.97 | 9   | 2,449.14 | 9   | 2,091.25 |
| 1/4 |       | 1/4 | 4,941.61 | 1/4 | 4,586.69 | 1/4 | 4,229.95 | 1/4 | 3,872.86 | 1/4 | 3,515.08 | 1/4 | 3,157.30 | 1/4 | 2,799.51 | 1/4 | 2,441.69 | 1/4 | 2,083.80 |
| 1/2 |       | 1/2 | 4,934.27 | 1/2 | 4,579.26 | 1/2 | 4,222.52 | 1/2 | 3,865.41 | 1/2 | 3,507.62 | 1/2 | 3,149.84 | 1/2 | 2,792.06 | 1/2 | 2,434.23 | 1/2 | 2,076.34 |
| 3/4 |       | 3/4 | 4,926.92 | 3/4 | 4,571.83 | 3/4 | 4,215.08 | 3/4 | 3,857.95 | 3/4 | 3,500.17 | 3/4 | 3,142.39 | 3/4 | 2,784.61 | 3/4 | 2,426.77 | 3/4 | 2,068.89 |
| 10  |       | 10  | 4,919.58 | 10  | 4,564.39 | 10  | 4,207.65 | 10  | 3,850.50 | 10  | 3,492.72 | 10  | 3,134.93 | 10  | 2,777.15 | 10  | 2,419.32 | 10  | 2,061.43 |
| 1/4 |       | 1/4 | 4,912.23 | 1/4 | 4,556.96 | 1/4 | 4,200.22 | 1/4 | 3,843.05 | 1/4 | 3,485.26 | 1/4 | 3,127.48 | 1/4 | 2,769.70 | 1/4 | 2,411.86 | 1/4 | 2,053.97 |
| 1/2 |       | 1/2 | 4,904.87 | 1/2 | 4,549.53 | 1/2 | 4,192.79 | 1/2 | 3,835.59 | 1/2 | 3,477.81 | 1/2 | 3,120.03 | 1/2 | 2,762.24 | 1/2 | 2,404.41 | 1/2 | 2,046.52 |
| 3/4 |       | 3/4 | 4,897.52 | 3/4 | 4,542.10 | 3/4 | 4,185.36 | 3/4 | 3,828.14 | 3/4 | 3,470.36 | 3/4 | 3,112.57 | 3/4 | 2,754.79 | 3/4 | 2,396.95 | 3/4 | 2,039.06 |
| 11  |       | 11  | 4,890.16 | 11  | 4,534.66 | 11  | 4,177.92 | 11  | 3,820.68 | 11  | 3,462.90 | 11  | 3,105.12 | 11  | 2,747.34 | 11  | 2,389.49 | 11  | 2,031.61 |
| 1/4 |       | 1/4 | 4,882.80 | 1/4 | 4,527.23 | 1/4 | 4,170.49 | 1/4 | 3,813.23 | 1/4 | 3,455.45 | 1/4 | 3,097.67 | 1/4 | 2,739.88 | 1/4 | 2,382.04 | 1/4 | 2,024.15 |
| 1/2 |       | 1/2 | 4,875.44 | 1/2 | 4,519.80 | 1/2 | 4,163.06 | 1/2 | 3,805.78 | 1/2 | 3,447.99 | 1/2 | 3,090.21 | 1/2 | 2,732.43 | 1/2 | 2,374.58 | 1/2 | 2,016.69 |
| 3/4 |       | 3/4 | 4,868.08 | 3/4 | 4,512.37 | 3/4 | 4,155.63 | 3/4 | 3,798.32 | 3/4 | 3,440.54 | 3/4 | 3,082.76 | 3/4 | 2,724.98 | 3/4 | 2,367.13 | 3/4 | 2,009.24 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

1 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,001.78 | 0   | 1,643.89 | 0   | 1,286.01 | 0   | 928.38 | 0   | 570.73 | 0   | 229.52 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,994.33 | 1/4 | 1,636.44 | 1/4 | 1,278.55 | 1/4 | 920.94 | 1/4 | 563.28 | 1/4 | 222.90 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,986.87 | 1/2 | 1,628.98 | 1/2 | 1,271.09 | 1/2 | 913.50 | 1/2 | 555.82 | 1/2 | 216.36 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,979.41 | 3/4 | 1,621.53 | 3/4 | 1,263.64 | 3/4 | 906.05 | 3/4 | 548.37 | 3/4 | 209.82 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 1,971.96 | 1   | 1,614.07 | 1   | 1,256.18 | 1   | 898.61 | 1   | 540.91 | 1   | 203.29 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,964.50 | 1/4 | 1,606.61 | 1/4 | 1,248.73 | 1/4 | 891.17 | 1/4 | 533.45 | 1/4 | 196.75 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,957.05 | 1/2 | 1,599.16 | 1/2 | 1,241.27 | 1/2 | 883.73 | 1/2 | 526.00 | 1/2 | 190.30 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,949.59 | 3/4 | 1,591.70 | 3/4 | 1,233.81 | 3/4 | 876.29 | 3/4 | 518.54 | 3/4 | 183.85 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 1,942.13 | 2   | 1,584.25 | 2   | 1,226.36 | 2   | 868.85 | 2   | 511.09 | 2   | 177.40 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,934.68 | 1/4 | 1,576.79 | 1/4 | 1,218.90 | 1/4 | 861.40 | 1/4 | 503.63 | 1/4 | 170.95 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,927.22 | 1/2 | 1,569.33 | 1/2 | 1,211.45 | 1/2 | 853.96 | 1/2 | 496.22 | 1/2 | 164.59 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,919.77 | 3/4 | 1,561.88 | 3/4 | 1,203.99 | 3/4 | 846.52 | 3/4 | 488.80 | 3/4 | 158.23 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 1,912.31 | 3   | 1,554.42 | 3   | 1,196.53 | 3   | 839.08 | 3   | 481.39 | 3   | 151.87 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,904.85 | 1/4 | 1,546.97 | 1/4 | 1,189.08 | 1/4 | 831.64 | 1/4 | 473.98 | 1/4 | 145.50 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,897.40 | 1/2 | 1,539.51 | 1/2 | 1,181.62 | 1/2 | 824.19 | 1/2 | 466.66 | 1/2 | 139.23 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,889.94 | 3/4 | 1,532.05 | 3/4 | 1,174.17 | 3/4 | 816.75 | 3/4 | 459.33 | 3/4 | 132.95 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 1,882.49 | 4   | 1,524.60 | 4   | 1,166.71 | 4   | 809.31 | 4   | 452.01 | 4   | 126.68 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,875.03 | 1/4 | 1,517.14 | 1/4 | 1,159.25 | 1/4 | 801.87 | 1/4 | 444.68 | 1/4 | 120.41 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,867.57 | 1/2 | 1,509.69 | 1/2 | 1,151.80 | 1/2 | 794.41 | 1/2 | 437.44 | 1/2 | 114.22 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,860.12 | 3/4 | 1,502.23 | 3/4 | 1,144.34 | 3/4 | 786.96 | 3/4 | 430.21 | 3/4 | 108.03 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,852.66 | 5   | 1,494.77 | 5   | 1,136.89 | 5   | 779.50 | 5   | 422.97 | 5   | 101.85 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,845.21 | 1/4 | 1,487.32 | 1/4 | 1,129.43 | 1/4 | 772.05 | 1/4 | 415.73 | 1/4 | 95.66  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,837.75 | 1/2 | 1,479.86 | 1/2 | 1,121.97 | 1/2 | 764.59 | 1/2 | 408.58 | 1/2 | 89.57  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,830.29 | 3/4 | 1,472.41 | 3/4 | 1,114.52 | 3/4 | 757.13 | 3/4 | 401.43 | 3/4 | 83.49  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,822.84 | 6   | 1,464.95 | 6   | 1,107.06 | 6   | 749.68 | 6   | 394.28 | 6   | 77.40  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,815.38 | 1/4 | 1,457.49 | 1/4 | 1,099.61 | 1/4 | 742.22 | 1/4 | 387.13 | 1/4 | 71.31  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,807.93 | 1/2 | 1,450.04 | 1/2 | 1,092.16 | 1/2 | 734.77 | 1/2 | 380.07 | 1/2 | 65.33  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,800.47 | 3/4 | 1,442.58 | 3/4 | 1,084.71 | 3/4 | 727.31 | 3/4 | 373.01 | 3/4 | 59.36  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,793.01 | 7   | 1,435.13 | 7   | 1,077.26 | 7   | 719.85 | 7   | 365.95 | 7   | 53.38  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,785.56 | 1/4 | 1,427.67 | 1/4 | 1,069.81 | 1/4 | 712.40 | 1/4 | 358.89 | 1/4 | 47.41  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,778.10 | 1/2 | 1,420.21 | 1/2 | 1,062.36 | 1/2 | 704.94 | 1/2 | 351.91 | 1/2 | 42.42  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,770.65 | 3/4 | 1,412.76 | 3/4 | 1,054.91 | 3/4 | 697.49 | 3/4 | 344.94 | 3/4 | 37.43  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,763.19 | 8   | 1,405.30 | 8   | 1,047.46 | 8   | 690.03 | 8   | 337.96 | 8   | 32.43  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,755.73 | 1/4 | 1,397.85 | 1/4 | 1,040.01 | 1/4 | 682.57 | 1/4 | 330.99 | 1/4 | 27.44  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,748.28 | 1/2 | 1,390.39 | 1/2 | 1,032.57 | 1/2 | 675.12 | 1/2 | 324.10 | 1/2 | 24.40  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,740.82 | 3/4 | 1,382.93 | 3/4 | 1,025.12 | 3/4 | 667.66 | 3/4 | 317.21 | 3/4 | 21.36  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,733.37 | 9   | 1,375.48 | 9   | 1,017.68 | 9   | 660.21 | 9   | 310.33 | 9   | 18.32  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,725.91 | 1/4 | 1,368.02 | 1/4 | 1,010.24 | 1/4 | 652.75 | 1/4 | 303.44 | 1/4 | 15.28  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,718.45 | 1/2 | 1,360.57 | 1/2 | 1,002.80 | 1/2 | 645.29 | 1/2 | 296.64 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,711.00 | 3/4 | 1,353.11 | 3/4 | 995.36   | 3/4 | 637.84 | 3/4 | 289.84 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,703.54 | 10  | 1,345.65 | 10  | 987.91   | 10  | 630.38 | 10  | 283.04 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,696.09 | 1/4 | 1,338.20 | 1/4 | 980.47   | 1/4 | 622.93 | 1/4 | 276.24 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,688.63 | 1/2 | 1,330.74 | 1/2 | 973.03   | 1/2 | 615.47 | 1/2 | 269.53 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,681.17 | 3/4 | 1,323.29 | 3/4 | 965.59   | 3/4 | 608.01 | 3/4 | 262.82 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,673.72 | 11  | 1,315.83 | 11  | 958.15   | 11  | 600.56 | 11  | 256.11 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,666.26 | 1/4 | 1,308.37 | 1/4 | 950.71   | 1/4 | 593.10 | 1/4 | 249.39 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,658.81 | 1/2 | 1,300.92 | 1/2 | 943.26   | 1/2 | 585.65 | 1/2 | 242.77 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,651.35 | 3/4 | 1,293.46 | 3/4 | 935.82   | 3/4 | 578.19 | 3/4 | 236.15 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 958"

## 2 PORT ULLAGE 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   |       | 0   |          | 0   | 4,925.83 | 0   | 4,568.75 | 0   | 4,210.81 | 0   | 3,852.28 | 0   | 3,493.30 | 0   | 3,134.31 | 0   | 2,775.32 | 0   | 2,416.33 |
| 1/4 |       | 1/4 |          | 1/4 | 4,918.44 | 1/4 | 4,561.29 | 1/4 | 4,203.35 | 1/4 | 3,844.80 | 1/4 | 3,485.82 | 1/4 | 3,126.83 | 1/4 | 2,767.84 | 1/4 | 2,408.86 |
| 1/2 |       | 1/2 |          | 1/2 | 4,911.05 | 1/2 | 4,553.83 | 1/2 | 4,195.90 | 1/2 | 3,837.33 | 1/2 | 3,478.34 | 1/2 | 3,119.35 | 1/2 | 2,760.36 | 1/2 | 2,401.38 |
| 3/4 |       | 3/4 |          | 3/4 | 4,903.66 | 3/4 | 4,546.38 | 3/4 | 4,188.44 | 3/4 | 3,829.85 | 3/4 | 3,470.86 | 3/4 | 3,111.87 | 3/4 | 2,752.88 | 3/4 | 2,393.90 |
| 1   |       | 1   |          | 1   | 4,896.26 | 1   | 4,538.92 | 1   | 4,180.98 | 1   | 3,822.37 | 1   | 3,463.38 | 1   | 3,104.39 | 1   | 2,745.41 | 1   | 2,386.42 |
| 1/4 |       | 1/4 |          | 1/4 | 4,888.87 | 1/4 | 4,531.46 | 1/4 | 4,173.53 | 1/4 | 3,814.89 | 1/4 | 3,455.90 | 1/4 | 3,096.91 | 1/4 | 2,737.93 | 1/4 | 2,378.94 |
| 1/2 |       | 1/2 |          | 1/2 | 4,881.48 | 1/2 | 4,524.00 | 1/2 | 4,166.07 | 1/2 | 3,807.41 | 1/2 | 3,448.42 | 1/2 | 3,089.44 | 1/2 | 2,730.45 | 1/2 | 2,371.46 |
| 3/4 |       | 3/4 |          | 3/4 | 4,874.09 | 3/4 | 4,516.55 | 3/4 | 4,158.61 | 3/4 | 3,799.93 | 3/4 | 3,440.94 | 3/4 | 3,081.96 | 3/4 | 2,722.97 | 3/4 | 2,363.98 |
| 2   |       | 2   |          | 2   | 4,866.70 | 2   | 4,509.09 | 2   | 4,151.15 | 2   | 3,792.45 | 2   | 3,433.46 | 2   | 3,074.48 | 2   | 2,715.49 | 2   | 2,356.50 |
| 1/4 |       | 1/4 |          | 1/4 | 4,859.31 | 1/4 | 4,501.63 | 1/4 | 4,143.70 | 1/4 | 3,784.97 | 1/4 | 3,425.99 | 1/4 | 3,067.00 | 1/4 | 2,708.01 | 1/4 | 2,349.02 |
| 1/2 |       | 1/2 |          | 1/2 | 4,851.92 | 1/2 | 4,494.18 | 1/2 | 4,136.24 | 1/2 | 3,777.49 | 1/2 | 3,418.51 | 1/2 | 3,059.52 | 1/2 | 2,700.53 | 1/2 | 2,341.55 |
| 3/4 |       | 3/4 |          | 3/4 | 4,844.52 | 3/4 | 4,486.72 | 3/4 | 4,128.78 | 3/4 | 3,770.01 | 3/4 | 3,411.03 | 3/4 | 3,052.04 | 3/4 | 2,693.05 | 3/4 | 2,334.07 |
| 3   |       | 3   |          | 3   | 4,837.13 | 3   | 4,479.26 | 3   | 4,121.33 | 3   | 3,762.54 | 3   | 3,403.55 | 3   | 3,044.56 | 3   | 2,685.57 | 3   | 2,326.59 |
| 1/4 |       | 1/4 |          | 1/4 | 4,829.74 | 1/4 | 4,471.81 | 1/4 | 4,113.87 | 1/4 | 3,755.06 | 1/4 | 3,396.07 | 1/4 | 3,037.08 | 1/4 | 2,678.10 | 1/4 | 2,319.11 |
| 1/2 |       | 1/2 |          | 1/2 | 4,822.28 | 1/2 | 4,464.35 | 1/2 | 4,106.41 | 1/2 | 3,747.58 | 1/2 | 3,388.59 | 1/2 | 3,029.60 | 1/2 | 2,670.62 | 1/2 | 2,311.63 |
| 3/4 |       | 3/4 |          | 3/4 | 4,814.83 | 3/4 | 4,456.89 | 3/4 | 4,098.96 | 3/4 | 3,740.10 | 3/4 | 3,381.11 | 3/4 | 3,022.12 | 3/4 | 2,663.14 | 3/4 | 2,304.15 |
| 4   |       | 4   |          | 4   | 4,807.37 | 4   | 4,449.43 | 4   | 4,091.50 | 4   | 3,732.62 | 4   | 3,373.63 | 4   | 3,014.65 | 4   | 2,655.66 | 4   | 2,296.67 |
| 1/4 |       | 1/4 |          | 1/4 | 4,799.91 | 1/4 | 4,441.98 | 1/4 | 4,084.04 | 1/4 | 3,725.14 | 1/4 | 3,366.15 | 1/4 | 3,007.17 | 1/4 | 2,648.18 | 1/4 | 2,289.19 |
| 1/2 |       | 1/2 |          | 1/2 | 4,792.46 | 1/2 | 4,434.52 | 1/2 | 4,076.58 | 1/2 | 3,717.66 | 1/2 | 3,358.68 | 1/2 | 2,999.69 | 1/2 | 2,640.70 | 1/2 | 2,281.71 |
| 3/4 |       | 3/4 |          | 3/4 | 4,785.00 | 3/4 | 4,427.06 | 3/4 | 4,069.13 | 3/4 | 3,710.18 | 3/4 | 3,351.20 | 3/4 | 2,992.21 | 3/4 | 2,633.22 | 3/4 | 2,274.23 |
| 5   |       | 5   |          | 5   | 4,777.54 | 5   | 4,419.61 | 5   | 4,061.67 | 5   | 3,702.70 | 5   | 3,343.72 | 5   | 2,984.73 | 5   | 2,625.74 | 5   | 2,266.76 |
| 1/4 |       | 1/4 |          | 1/4 | 4,770.09 | 1/4 | 4,412.15 | 1/4 | 4,054.21 | 1/4 | 3,695.23 | 1/4 | 3,336.24 | 1/4 | 2,977.25 | 1/4 | 2,618.26 | 1/4 | 2,259.28 |
| 1/2 |       | 1/2 |          | 1/2 | 4,762.63 | 1/2 | 4,404.69 | 1/2 | 4,046.73 | 1/2 | 3,687.75 | 1/2 | 3,328.76 | 1/2 | 2,969.77 | 1/2 | 2,610.79 | 1/2 | 2,251.80 |
| 3/4 |       | 3/4 |          | 3/4 | 4,755.17 | 3/4 | 4,397.24 | 3/4 | 4,039.26 | 3/4 | 3,680.27 | 3/4 | 3,321.28 | 3/4 | 2,962.29 | 3/4 | 2,603.31 | 3/4 | 2,244.32 |
| 6   |       | 6   |          | 6   | 4,747.71 | 6   | 4,389.78 | 6   | 4,031.78 | 6   | 3,672.79 | 6   | 3,313.80 | 6   | 2,954.81 | 6   | 2,595.83 | 6   | 2,236.84 |
| 1/4 |       | 1/4 | 5,083.00 | 1/4 | 4,740.26 | 1/4 | 4,382.32 | 1/4 | 4,024.30 | 1/4 | 3,665.31 | 1/4 | 3,306.32 | 1/4 | 2,947.34 | 1/4 | 2,588.35 | 1/4 | 2,229.36 |
| 1/2 |       | 1/2 | 5,077.79 | 1/2 | 4,732.80 | 1/2 | 4,374.86 | 1/2 | 4,016.82 | 1/2 | 3,657.83 | 1/2 | 3,298.84 | 1/2 | 2,939.86 | 1/2 | 2,580.87 | 1/2 | 2,221.88 |
| 3/4 |       | 3/4 | 5,072.58 | 3/4 | 4,725.34 | 3/4 | 4,367.41 | 3/4 | 4,009.34 | 3/4 | 3,650.35 | 3/4 | 3,291.37 | 3/4 | 2,932.38 | 3/4 | 2,573.39 | 3/4 | 2,214.40 |
| 7   |       | 7   | 5,067.37 | 7   | 4,717.89 | 7   | 4,359.95 | 7   | 4,001.86 | 7   | 3,642.87 | 7   | 3,283.89 | 7   | 2,924.90 | 7   | 2,565.91 | 7   | 2,206.92 |
| 1/4 |       | 1/4 | 5,062.16 | 1/4 | 4,710.43 | 1/4 | 4,352.49 | 1/4 | 3,994.38 | 1/4 | 3,635.39 | 1/4 | 3,276.41 | 1/4 | 2,917.42 | 1/4 | 2,558.43 | 1/4 | 2,199.45 |
| 1/2 |       | 1/2 | 5,055.71 | 1/2 | 4,702.97 | 1/2 | 4,345.04 | 1/2 | 3,986.90 | 1/2 | 3,627.92 | 1/2 | 3,268.93 | 1/2 | 2,909.94 | 1/2 | 2,550.95 | 1/2 | 2,191.97 |
| 3/4 |       | 3/4 | 5,049.25 | 3/4 | 4,695.52 | 3/4 | 4,337.58 | 3/4 | 3,979.42 | 3/4 | 3,620.44 | 3/4 | 3,261.45 | 3/4 | 2,902.46 | 3/4 | 2,543.48 | 3/4 | 2,184.49 |
| 8   |       | 8   | 5,042.79 | 8   | 4,688.06 | 8   | 4,330.12 | 8   | 3,971.95 | 8   | 3,612.96 | 8   | 3,253.97 | 8   | 2,894.98 | 8   | 2,536.00 | 8   | 2,177.01 |
| 1/4 |       | 1/4 | 5,036.34 | 1/4 | 4,680.60 | 1/4 | 4,322.67 | 1/4 | 3,964.47 | 1/4 | 3,605.48 | 1/4 | 3,246.49 | 1/4 | 2,887.50 | 1/4 | 2,528.52 | 1/4 | 2,169.53 |
| 1/2 |       | 1/2 | 5,029.02 | 1/2 | 4,673.14 | 1/2 | 4,315.21 | 1/2 | 3,956.99 | 1/2 | 3,598.00 | 1/2 | 3,239.01 | 1/2 | 2,880.03 | 1/2 | 2,521.04 | 1/2 | 2,162.05 |
| 3/4 |       | 3/4 | 5,021.70 | 3/4 | 4,665.69 | 3/4 | 4,307.75 | 3/4 | 3,949.51 | 3/4 | 3,590.52 | 3/4 | 3,231.53 | 3/4 | 2,872.55 | 3/4 | 2,513.56 | 3/4 | 2,154.57 |
| 9   |       | 9   | 5,014.38 | 9   | 4,658.23 | 9   | 4,300.29 | 9   | 3,942.03 | 9   | 3,583.04 | 9   | 3,224.06 | 9   | 2,865.07 | 9   | 2,506.08 | 9   | 2,147.09 |
| 1/4 |       | 1/4 | 5,007.06 | 1/4 | 4,650.77 | 1/4 | 4,292.84 | 1/4 | 3,934.55 | 1/4 | 3,575.56 | 1/4 | 3,216.58 | 1/4 | 2,857.59 | 1/4 | 2,498.60 | 1/4 | 2,139.61 |
| 1/2 |       | 1/2 | 4,999.68 | 1/2 | 4,643.32 | 1/2 | 4,285.38 | 1/2 | 3,927.07 | 1/2 | 3,568.08 | 1/2 | 3,209.10 | 1/2 | 2,850.11 | 1/2 | 2,491.12 | 1/2 | 2,132.14 |
| 3/4 |       | 3/4 | 4,992.30 | 3/4 | 4,635.86 | 3/4 | 4,277.92 | 3/4 | 3,919.59 | 3/4 | 3,560.61 | 3/4 | 3,201.62 | 3/4 | 2,842.63 | 3/4 | 2,483.64 | 3/4 | 2,124.66 |
| 10  |       | 10  | 4,984.93 | 10  | 4,628.40 | 10  | 4,270.47 | 10  | 3,912.11 | 10  | 3,553.13 | 10  | 3,194.14 | 10  | 2,835.15 | 10  | 2,476.17 | 10  | 2,117.18 |
| 1/4 |       | 1/4 | 4,977.55 | 1/4 | 4,620.95 | 1/4 | 4,263.01 | 1/4 | 3,904.64 | 1/4 | 3,545.65 | 1/4 | 3,186.66 | 1/4 | 2,827.67 | 1/4 | 2,468.69 | 1/4 | 2,109.70 |
| 1/2 |       | 1/2 | 4,970.16 | 1/2 | 4,613.49 | 1/2 | 4,255.55 | 1/2 | 3,897.16 | 1/2 | 3,538.17 | 1/2 | 3,179.18 | 1/2 | 2,820.19 | 1/2 | 2,461.21 | 1/2 | 2,102.22 |
| 3/4 |       | 3/4 | 4,962.78 | 3/4 | 4,606.03 | 3/4 | 4,248.10 | 3/4 | 3,889.68 | 3/4 | 3,530.69 | 3/4 | 3,171.70 | 3/4 | 2,812.72 | 3/4 | 2,453.73 | 3/4 | 2,094.74 |
| 11  |       | 11  | 4,955.39 | 11  | 4,598.57 | 11  | 4,240.64 | 11  | 3,882.20 | 11  | 3,523.21 | 11  | 3,164.22 | 11  | 2,805.24 | 11  | 2,446.25 | 11  | 2,087.26 |
| 1/4 |       | 1/4 | 4,948.00 | 1/4 | 4,591.12 | 1/4 | 4,233.18 | 1/4 | 3,874.72 | 1/4 | 3,515.73 | 1/4 | 3,156.75 | 1/4 | 2,797.76 | 1/4 | 2,438.77 | 1/4 | 2,079.78 |
| 1/2 |       | 1/2 | 4,940.61 | 1/2 | 4,583.66 | 1/2 | 4,225.72 | 1/2 | 3,867.24 | 1/2 | 3,508.25 | 1/2 | 3,149.27 | 1/2 | 2,790.28 | 1/2 | 2,431.29 | 1/2 | 2,072.30 |
| 3/4 |       | 3/4 | 4,933.22 | 3/4 | 4,576.20 | 3/4 | 4,218.27 | 3/4 | 3,859.76 | 3/4 | 3,500.77 | 3/4 | 3,141.79 | 3/4 | 2,782.80 | 3/4 | 2,423.81 | 3/4 | 2,064.83 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

## 2 PORT ULLAGE 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   | 2,057.35 | 0   | 1,698.36 | 0   | 1,339.37 | 0   | 988.51 | 0   | 635.87 | 0   | 276.88 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,049.87 | 1/4 | 1,690.88 | 1/4 | 1,331.89 | 1/4 | 981.34 | 1/4 | 628.39 | 1/4 | 269.40 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 2,042.39 | 1/2 | 1,683.40 | 1/2 | 1,324.41 | 1/2 | 974.16 | 1/2 | 620.91 | 1/2 | 261.92 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 2,034.91 | 3/4 | 1,675.92 | 3/4 | 1,316.94 | 3/4 | 966.99 | 3/4 | 613.43 | 3/4 | 254.45 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 1   | 2,027.43 | 1   | 1,668.44 | 1   | 1,309.46 | 1   | 959.82 | 1   | 605.95 | 1   | 246.97 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,019.95 | 1/4 | 1,660.97 | 1/4 | 1,301.98 | 1/4 | 952.65 | 1/4 | 598.47 | 1/4 | 239.49 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 2,012.47 | 1/2 | 1,653.49 | 1/2 | 1,294.50 | 1/2 | 945.48 | 1/2 | 591.00 | 1/2 | 232.01 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 2,004.99 | 3/4 | 1,646.01 | 3/4 | 1,287.02 | 3/4 | 938.30 | 3/4 | 583.52 | 3/4 | 224.53 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 2   | 1,997.52 | 2   | 1,638.53 | 2   | 1,279.54 | 2   | 931.13 | 2   | 576.04 | 2   | 217.05 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,990.04 | 1/4 | 1,631.05 | 1/4 | 1,272.06 | 1/4 | 923.96 | 1/4 | 568.56 | 1/4 | 209.57 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,982.56 | 1/2 | 1,623.57 | 1/2 | 1,264.58 | 1/2 | 916.79 | 1/2 | 561.08 | 1/2 | 202.09 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,975.08 | 3/4 | 1,616.09 | 3/4 | 1,257.10 | 3/4 | 909.62 | 3/4 | 553.60 | 3/4 | 194.61 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 3   | 1,967.60 | 3   | 1,608.61 | 3   | 1,249.63 | 3   | 902.44 | 3   | 546.12 | 3   | 187.14 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,960.12 | 1/4 | 1,601.13 | 1/4 | 1,242.15 | 1/4 | 895.27 | 1/4 | 538.64 | 1/4 | 179.66 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,952.64 | 1/2 | 1,593.66 | 1/2 | 1,234.67 | 1/2 | 888.10 | 1/2 | 531.16 | 1/2 | 172.18 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,945.16 | 3/4 | 1,586.18 | 3/4 | 1,227.19 | 3/4 | 880.93 | 3/4 | 523.69 | 3/4 | 164.70 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 4   | 1,937.68 | 4   | 1,578.70 | 4   | 1,219.71 | 4   | 873.76 | 4   | 516.21 | 4   | 157.22 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,930.21 | 1/4 | 1,571.22 | 1/4 | 1,212.23 | 1/4 | 866.58 | 1/4 | 508.73 | 1/4 | 149.74 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,922.73 | 1/2 | 1,563.74 | 1/2 | 1,204.75 | 1/2 | 859.39 | 1/2 | 501.25 | 1/2 | 142.26 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,915.25 | 3/4 | 1,556.26 | 3/4 | 1,197.27 | 3/4 | 852.19 | 3/4 | 493.77 | 3/4 | 134.79 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 5   | 1,907.77 | 5   | 1,548.78 | 5   | 1,189.79 | 5   | 845.00 | 5   | 486.29 | 5   | 127.31 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,900.29 | 1/4 | 1,541.30 | 1/4 | 1,182.32 | 1/4 | 837.80 | 1/4 | 478.81 | 1/4 | 119.83 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,892.81 | 1/2 | 1,533.82 | 1/2 | 1,175.12 | 1/2 | 830.32 | 1/2 | 471.33 | 1/2 | 112.36 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,885.33 | 3/4 | 1,526.34 | 3/4 | 1,167.92 | 3/4 | 822.84 | 3/4 | 463.85 | 3/4 | 104.89 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 6   | 1,877.85 | 6   | 1,518.87 | 6   | 1,160.73 | 6   | 815.36 | 6   | 456.38 | 6   | 97.43  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,870.37 | 1/4 | 1,511.39 | 1/4 | 1,153.53 | 1/4 | 807.88 | 1/4 | 448.90 | 1/4 | 89.96  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,862.90 | 1/2 | 1,503.91 | 1/2 | 1,146.35 | 1/2 | 800.41 | 1/2 | 441.42 | 1/2 | 82.52  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,855.42 | 3/4 | 1,496.43 | 3/4 | 1,139.17 | 3/4 | 792.93 | 3/4 | 433.94 | 3/4 | 75.07  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 7   | 1,847.94 | 7   | 1,488.95 | 7   | 1,131.99 | 7   | 785.45 | 7   | 426.46 | 7   | 67.63  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,840.46 | 1/4 | 1,481.47 | 1/4 | 1,124.81 | 1/4 | 777.97 | 1/4 | 418.98 | 1/4 | 60.19  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,832.98 | 1/2 | 1,473.99 | 1/2 | 1,117.63 | 1/2 | 770.49 | 1/2 | 411.50 | 1/2 | 53.65  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,825.50 | 3/4 | 1,466.51 | 3/4 | 1,110.45 | 3/4 | 763.01 | 3/4 | 404.02 | 3/4 | 47.10  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 8   | 1,818.02 | 8   | 1,459.03 | 8   | 1,103.27 | 8   | 755.53 | 8   | 396.54 | 8   | 40.56  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,810.54 | 1/4 | 1,451.56 | 1/4 | 1,096.09 | 1/4 | 748.05 | 1/4 | 389.07 | 1/4 | 34.02  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,803.06 | 1/2 | 1,444.08 | 1/2 | 1,088.92 | 1/2 | 740.57 | 1/2 | 381.59 | 1/2 | 29.34  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,795.59 | 3/4 | 1,436.60 | 3/4 | 1,081.74 | 3/4 | 733.09 | 3/4 | 374.11 | 3/4 | 24.67  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 9   | 1,788.11 | 9   | 1,429.12 | 9   | 1,074.57 | 9   | 725.62 | 9   | 366.63 | 9   | 19.99  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,780.63 | 1/4 | 1,421.64 | 1/4 | 1,067.40 | 1/4 | 718.14 | 1/4 | 359.15 | 1/4 | 15.32  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,773.15 | 1/2 | 1,414.16 | 1/2 | 1,060.23 | 1/2 | 710.66 | 1/2 | 351.67 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,765.67 | 3/4 | 1,406.68 | 3/4 | 1,053.06 | 3/4 | 703.18 | 3/4 | 344.19 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 10  | 1,758.19 | 10  | 1,399.20 | 10  | 1,045.88 | 10  | 695.70 | 10  | 336.71 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,750.71 | 1/4 | 1,391.72 | 1/4 | 1,038.71 | 1/4 | 688.22 | 1/4 | 329.23 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,743.23 | 1/2 | 1,384.25 | 1/2 | 1,031.54 | 1/2 | 680.74 | 1/2 | 321.76 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,735.75 | 3/4 | 1,376.77 | 3/4 | 1,024.37 | 3/4 | 673.26 | 3/4 | 314.28 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |
| 11  | 1,728.28 | 11  | 1,369.29 | 11  | 1,017.20 | 11  | 665.78 | 11  | 306.80 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,720.80 | 1/4 | 1,361.81 | 1/4 | 1,010.02 | 1/4 | 658.31 | 1/4 | 299.32 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 |        |
| 1/2 | 1,713.32 | 1/2 | 1,354.33 | 1/2 | 1,002.85 | 1/2 | 650.83 | 1/2 | 291.84 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 |        |
| 3/4 | 1,705.84 | 3/4 | 1,346.85 | 3/4 | 995.68   | 3/4 | 643.35 | 3/4 | 284.36 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 958"

2 STBD

## ULLAGE 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   |       | 0   |          | 0   | 4,939.07 | 0   | 4,582.18 | 0   | 4,224.34 | 0   | 3,865.91 | 0   | 3,507.02 | 0   | 3,148.14 | 0   | 2,789.26 | 0   | 2,430.31 |
| 1/4 |       | 1/4 |          | 1/4 | 4,931.69 | 1/4 | 4,574.73 | 1/4 | 4,216.88 | 1/4 | 3,858.43 | 1/4 | 3,499.55 | 1/4 | 3,140.67 | 1/4 | 2,781.78 | 1/4 | 2,422.83 |
| 1/2 |       | 1/2 |          | 1/2 | 4,924.31 | 1/2 | 4,567.27 | 1/2 | 4,209.42 | 1/2 | 3,850.95 | 1/2 | 3,492.07 | 1/2 | 3,133.19 | 1/2 | 2,774.31 | 1/2 | 2,415.35 |
| 3/4 |       | 3/4 |          | 3/4 | 4,916.93 | 3/4 | 4,559.82 | 3/4 | 4,201.97 | 3/4 | 3,843.47 | 3/4 | 3,484.59 | 3/4 | 3,125.71 | 3/4 | 2,766.83 | 3/4 | 2,407.87 |
| 1   |       | 1   |          | 1   | 4,909.55 | 1   | 4,552.36 | 1   | 4,194.51 | 1   | 3,836.00 | 1   | 3,477.12 | 1   | 3,118.24 | 1   | 2,759.35 | 1   | 2,400.39 |
| 1/4 |       | 1/4 |          | 1/4 | 4,902.17 | 1/4 | 4,544.91 | 1/4 | 4,187.06 | 1/4 | 3,828.52 | 1/4 | 3,469.64 | 1/4 | 3,110.76 | 1/4 | 2,751.88 | 1/4 | 2,392.92 |
| 1/2 |       | 1/2 |          | 1/2 | 4,894.78 | 1/2 | 4,537.45 | 1/2 | 4,179.60 | 1/2 | 3,821.04 | 1/2 | 3,462.16 | 1/2 | 3,103.28 | 1/2 | 2,744.40 | 1/2 | 2,385.44 |
| 3/4 |       | 3/4 |          | 3/4 | 4,887.40 | 3/4 | 4,530.00 | 3/4 | 4,172.15 | 3/4 | 3,813.57 | 3/4 | 3,454.69 | 3/4 | 3,095.80 | 3/4 | 2,736.92 | 3/4 | 2,377.96 |
| 2   |       | 2   |          | 2   | 4,880.02 | 2   | 4,522.54 | 2   | 4,164.69 | 2   | 3,806.09 | 2   | 3,447.21 | 2   | 3,088.33 | 2   | 2,729.45 | 2   | 2,370.48 |
| 1/4 |       | 1/4 |          | 1/4 | 4,872.64 | 1/4 | 4,515.09 | 1/4 | 4,157.24 | 1/4 | 3,798.61 | 1/4 | 3,439.73 | 1/4 | 3,080.85 | 1/4 | 2,721.97 | 1/4 | 2,363.00 |
| 1/2 |       | 1/2 |          | 1/2 | 4,865.26 | 1/2 | 4,507.63 | 1/2 | 4,149.78 | 1/2 | 3,791.14 | 1/2 | 3,432.26 | 1/2 | 3,073.37 | 1/2 | 2,714.49 | 1/2 | 2,355.52 |
| 3/4 |       | 3/4 |          | 3/4 | 4,857.88 | 3/4 | 4,500.18 | 3/4 | 4,142.33 | 3/4 | 3,783.66 | 3/4 | 3,424.78 | 3/4 | 3,065.90 | 3/4 | 2,707.02 | 3/4 | 2,348.04 |
| 3   |       | 3   |          | 3   | 4,850.50 | 3   | 4,492.72 | 3   | 4,134.87 | 3   | 3,776.18 | 3   | 3,417.30 | 3   | 3,058.42 | 3   | 2,699.54 | 3   | 2,340.56 |
| 1/4 |       | 1/4 |          | 1/4 | 4,843.12 | 1/4 | 4,485.27 | 1/4 | 4,127.42 | 1/4 | 3,768.71 | 1/4 | 3,409.83 | 1/4 | 3,050.94 | 1/4 | 2,692.06 | 1/4 | 2,333.08 |
| 1/2 |       | 1/2 |          | 1/2 | 4,835.66 | 1/2 | 4,477.81 | 1/2 | 4,119.96 | 1/2 | 3,761.23 | 1/2 | 3,402.35 | 1/2 | 3,043.47 | 1/2 | 2,684.59 | 1/2 | 2,325.61 |
| 3/4 |       | 3/4 |          | 3/4 | 4,828.21 | 3/4 | 4,470.36 | 3/4 | 4,112.51 | 3/4 | 3,753.75 | 3/4 | 3,394.87 | 3/4 | 3,035.99 | 3/4 | 2,677.11 | 3/4 | 2,318.13 |
| 4   |       | 4   |          | 4   | 4,820.75 | 4   | 4,462.90 | 4   | 4,105.05 | 4   | 3,746.28 | 4   | 3,387.40 | 4   | 3,028.51 | 4   | 2,669.63 | 4   | 2,310.65 |
| 1/4 |       | 1/4 |          | 1/4 | 4,813.30 | 1/4 | 4,455.45 | 1/4 | 4,097.60 | 1/4 | 3,738.80 | 1/4 | 3,379.92 | 1/4 | 3,021.04 | 1/4 | 2,662.16 | 1/4 | 2,303.17 |
| 1/2 |       | 1/2 |          | 1/2 | 4,805.84 | 1/2 | 4,447.99 | 1/2 | 4,090.14 | 1/2 | 3,731.32 | 1/2 | 3,372.44 | 1/2 | 3,013.56 | 1/2 | 2,654.68 | 1/2 | 2,295.69 |
| 3/4 |       | 3/4 |          | 3/4 | 4,798.39 | 3/4 | 4,440.54 | 3/4 | 4,082.69 | 3/4 | 3,723.85 | 3/4 | 3,364.97 | 3/4 | 3,006.08 | 3/4 | 2,647.20 | 3/4 | 2,288.21 |
| 5   |       | 5   |          | 5   | 4,790.93 | 5   | 4,433.08 | 5   | 4,075.23 | 5   | 3,716.37 | 5   | 3,357.49 | 5   | 2,998.61 | 5   | 2,639.72 | 5   | 2,280.73 |
| 1/4 |       | 1/4 |          | 1/4 | 4,783.48 | 1/4 | 4,425.63 | 1/4 | 4,067.78 | 1/4 | 3,708.89 | 1/4 | 3,350.01 | 1/4 | 2,991.13 | 1/4 | 2,632.24 | 1/4 | 2,273.25 |
| 1/2 |       | 1/2 |          | 1/2 | 4,776.02 | 1/2 | 4,418.17 | 1/2 | 4,060.30 | 1/2 | 3,701.42 | 1/2 | 3,342.54 | 1/2 | 2,983.65 | 1/2 | 2,624.76 | 1/2 | 2,265.77 |
| 3/4 |       | 3/4 |          | 3/4 | 4,768.56 | 3/4 | 4,410.72 | 3/4 | 4,052.82 | 3/4 | 3,693.94 | 3/4 | 3,335.06 | 3/4 | 2,976.18 | 3/4 | 2,617.28 | 3/4 | 2,258.30 |
| 6   |       | 6   |          | 6   | 4,761.11 | 6   | 4,403.26 | 6   | 4,045.35 | 6   | 3,686.46 | 6   | 3,327.58 | 6   | 2,968.70 | 6   | 2,609.80 | 6   | 2,250.82 |
| 1/4 |       | 1/4 | 5,096.08 | 1/4 | 4,753.65 | 1/4 | 4,395.80 | 1/4 | 4,037.87 | 1/4 | 3,678.99 | 1/4 | 3,320.11 | 1/4 | 2,961.22 | 1/4 | 2,602.33 | 1/4 | 2,243.34 |
| 1/2 |       | 1/2 | 5,090.88 | 1/2 | 4,746.20 | 1/2 | 4,388.35 | 1/2 | 4,030.39 | 1/2 | 3,671.51 | 1/2 | 3,312.63 | 1/2 | 2,953.75 | 1/2 | 2,594.85 | 1/2 | 2,235.86 |
| 3/4 |       | 3/4 | 5,085.68 | 3/4 | 4,738.74 | 3/4 | 4,380.89 | 3/4 | 4,022.92 | 3/4 | 3,664.03 | 3/4 | 3,305.15 | 3/4 | 2,946.27 | 3/4 | 2,587.37 | 3/4 | 2,228.38 |
| 7   |       | 7   | 5,080.47 | 7   | 4,731.29 | 7   | 4,373.44 | 7   | 4,015.44 | 7   | 3,656.56 | 7   | 3,297.68 | 7   | 2,938.79 | 7   | 2,579.89 | 7   | 2,220.90 |
| 1/4 |       | 1/4 | 5,075.27 | 1/4 | 4,723.83 | 1/4 | 4,365.98 | 1/4 | 4,007.96 | 1/4 | 3,649.08 | 1/4 | 3,290.20 | 1/4 | 2,931.32 | 1/4 | 2,572.41 | 1/4 | 2,213.42 |
| 1/2 |       | 1/2 | 5,068.82 | 1/2 | 4,716.38 | 1/2 | 4,358.53 | 1/2 | 4,000.49 | 1/2 | 3,641.60 | 1/2 | 3,282.72 | 1/2 | 2,923.84 | 1/2 | 2,564.93 | 1/2 | 2,205.94 |
| 3/4 |       | 3/4 | 5,062.37 | 3/4 | 4,708.92 | 3/4 | 4,351.07 | 3/4 | 3,993.01 | 3/4 | 3,634.13 | 3/4 | 3,275.25 | 3/4 | 2,916.36 | 3/4 | 2,557.45 | 3/4 | 2,198.46 |
| 8   |       | 8   | 5,055.93 | 8   | 4,701.47 | 8   | 4,343.62 | 8   | 3,985.53 | 8   | 3,626.65 | 8   | 3,267.77 | 8   | 2,908.89 | 8   | 2,549.97 | 8   | 2,190.99 |
| 1/4 |       | 1/4 | 5,049.48 | 1/4 | 4,694.01 | 1/4 | 4,336.16 | 1/4 | 3,978.06 | 1/4 | 3,619.17 | 1/4 | 3,260.29 | 1/4 | 2,901.41 | 1/4 | 2,542.49 | 1/4 | 2,183.51 |
| 1/2 |       | 1/2 | 5,042.16 | 1/2 | 4,686.56 | 1/2 | 4,328.71 | 1/2 | 3,970.58 | 1/2 | 3,611.70 | 1/2 | 3,252.82 | 1/2 | 2,893.93 | 1/2 | 2,535.02 | 1/2 | 2,176.03 |
| 3/4 |       | 3/4 | 5,034.85 | 3/4 | 4,679.10 | 3/4 | 4,321.25 | 3/4 | 3,963.10 | 3/4 | 3,604.22 | 3/4 | 3,245.34 | 3/4 | 2,886.46 | 3/4 | 2,527.54 | 3/4 | 2,168.55 |
| 9   |       | 9   | 5,027.54 | 9   | 4,671.65 | 9   | 4,313.80 | 9   | 3,955.63 | 9   | 3,596.74 | 9   | 3,237.86 | 9   | 2,878.98 | 9   | 2,520.06 | 9   | 2,161.07 |
| 1/4 |       | 1/4 | 5,020.23 | 1/4 | 4,664.19 | 1/4 | 4,306.34 | 1/4 | 3,948.15 | 1/4 | 3,589.27 | 1/4 | 3,230.39 | 1/4 | 2,871.50 | 1/4 | 2,512.58 | 1/4 | 2,153.59 |
| 1/2 |       | 1/2 | 5,012.86 | 1/2 | 4,656.74 | 1/2 | 4,298.89 | 1/2 | 3,940.67 | 1/2 | 3,581.79 | 1/2 | 3,222.91 | 1/2 | 2,864.03 | 1/2 | 2,505.10 | 1/2 | 2,146.11 |
| 3/4 |       | 3/4 | 5,005.49 | 3/4 | 4,649.28 | 3/4 | 4,291.43 | 3/4 | 3,933.20 | 3/4 | 3,574.31 | 3/4 | 3,215.43 | 3/4 | 2,856.55 | 3/4 | 2,497.62 | 3/4 | 2,138.63 |
| 10  |       | 10  | 4,998.12 | 10  | 4,641.83 | 10  | 4,283.98 | 10  | 3,925.72 | 10  | 3,566.84 | 10  | 3,207.96 | 10  | 2,849.07 | 10  | 2,490.14 | 10  | 2,131.15 |
| 1/4 |       | 1/4 | 4,990.75 | 1/4 | 4,634.37 | 1/4 | 4,276.52 | 1/4 | 3,918.24 | 1/4 | 3,559.36 | 1/4 | 3,200.48 | 1/4 | 2,841.60 | 1/4 | 2,482.66 | 1/4 | 2,123.68 |
| 1/2 |       | 1/2 | 4,983.37 | 1/2 | 4,626.92 | 1/2 | 4,269.07 | 1/2 | 3,910.77 | 1/2 | 3,551.88 | 1/2 | 3,193.00 | 1/2 | 2,834.12 | 1/2 | 2,475.18 | 1/2 | 2,116.20 |
| 3/4 |       | 3/4 | 4,975.99 | 3/4 | 4,619.46 | 3/4 | 4,261.61 | 3/4 | 3,903.29 | 3/4 | 3,544.41 | 3/4 | 3,185.53 | 3/4 | 2,826.64 | 3/4 | 2,467.70 | 3/4 | 2,108.72 |
| 11  |       | 11  | 4,968.61 | 11  | 4,612.01 | 11  | 4,254.16 | 11  | 3,895.81 | 11  | 3,536.93 | 11  | 3,178.05 | 11  | 2,819.17 | 11  | 2,460.23 | 11  | 2,101.24 |
| 1/4 |       | 1/4 | 4,961.22 | 1/4 | 4,604.55 | 1/4 | 4,246.70 | 1/4 | 3,888.34 | 1/4 | 3,529.45 | 1/4 | 3,170.57 | 1/4 | 2,811.69 | 1/4 | 2,452.75 | 1/4 | 2,093.76 |
| 1/2 |       | 1/2 | 4,953.84 | 1/2 | 4,597.10 | 1/2 | 4,239.25 | 1/2 | 3,880.86 | 1/2 | 3,521.98 | 1/2 | 3,163.10 | 1/2 | 2,804.21 | 1/2 | 2,445.27 | 1/2 | 2,086.28 |
| 3/4 |       | 3/4 | 4,946.46 | 3/4 | 4,589.64 | 3/4 | 4,231.79 | 3/4 | 3,873.38 | 3/4 | 3,514.50 | 3/4 | 3,155.62 | 3/4 | 2,796.74 | 3/4 | 2,437.79 | 3/4 | 2,078.80 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

2 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 15'-09 1/4"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,071.32 | 0   | 1,712.34 | 0   | 1,353.35 | 0   | 994.62 | 0   | 635.88 | 0   | 276.89 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,063.84 | 1/4 | 1,704.86 | 1/4 | 1,345.87 | 1/4 | 987.16 | 1/4 | 628.40 | 1/4 | 269.41 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,056.37 | 1/2 | 1,697.38 | 1/2 | 1,338.39 | 1/2 | 979.69 | 1/2 | 620.92 | 1/2 | 261.93 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,048.89 | 3/4 | 1,689.90 | 3/4 | 1,330.91 | 3/4 | 972.23 | 3/4 | 613.44 | 3/4 | 254.45 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 2,041.41 | 1   | 1,682.42 | 1   | 1,323.43 | 1   | 964.76 | 1   | 605.96 | 1   | 246.97 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,033.93 | 1/4 | 1,674.94 | 1/4 | 1,315.95 | 1/4 | 957.30 | 1/4 | 598.48 | 1/4 | 239.49 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 2,026.45 | 1/2 | 1,667.46 | 1/2 | 1,308.48 | 1/2 | 949.83 | 1/2 | 591.00 | 1/2 | 232.02 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 2,018.97 | 3/4 | 1,659.98 | 3/4 | 1,301.00 | 3/4 | 942.37 | 3/4 | 583.52 | 3/4 | 224.54 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 2,011.49 | 2   | 1,652.50 | 2   | 1,293.52 | 2   | 934.90 | 2   | 576.04 | 2   | 217.06 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,004.01 | 1/4 | 1,645.03 | 1/4 | 1,286.04 | 1/4 | 927.44 | 1/4 | 568.57 | 1/4 | 209.58 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,996.53 | 1/2 | 1,637.55 | 1/2 | 1,278.56 | 1/2 | 919.97 | 1/2 | 561.09 | 1/2 | 202.10 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,989.06 | 3/4 | 1,630.07 | 3/4 | 1,271.08 | 3/4 | 912.51 | 3/4 | 553.61 | 3/4 | 194.62 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 1,981.58 | 3   | 1,622.59 | 3   | 1,263.60 | 3   | 905.04 | 3   | 546.13 | 3   | 187.14 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,974.10 | 1/4 | 1,615.11 | 1/4 | 1,256.12 | 1/4 | 897.58 | 1/4 | 538.65 | 1/4 | 179.66 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,966.62 | 1/2 | 1,607.63 | 1/2 | 1,248.64 | 1/2 | 890.12 | 1/2 | 531.17 | 1/2 | 172.18 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,959.14 | 3/4 | 1,600.15 | 3/4 | 1,241.17 | 3/4 | 882.65 | 3/4 | 523.69 | 3/4 | 164.71 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 1,951.66 | 4   | 1,592.67 | 4   | 1,233.69 | 4   | 875.19 | 4   | 516.21 | 4   | 157.23 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,944.18 | 1/4 | 1,585.19 | 1/4 | 1,226.21 | 1/4 | 867.72 | 1/4 | 508.73 | 1/4 | 149.75 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,936.70 | 1/2 | 1,577.72 | 1/2 | 1,218.73 | 1/2 | 860.24 | 1/2 | 501.26 | 1/2 | 142.27 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,929.22 | 3/4 | 1,570.24 | 3/4 | 1,211.25 | 3/4 | 852.76 | 3/4 | 493.78 | 3/4 | 134.79 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,921.75 | 5   | 1,562.76 | 5   | 1,203.77 | 5   | 845.29 | 5   | 486.30 | 5   | 127.31 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,914.27 | 1/4 | 1,555.28 | 1/4 | 1,196.29 | 1/4 | 837.81 | 1/4 | 478.82 | 1/4 | 119.84 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,906.79 | 1/2 | 1,547.80 | 1/2 | 1,188.81 | 1/2 | 830.33 | 1/2 | 471.34 | 1/2 | 112.37 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,899.31 | 3/4 | 1,540.32 | 3/4 | 1,181.33 | 3/4 | 822.85 | 3/4 | 463.86 | 3/4 | 104.90 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,891.83 | 6   | 1,532.84 | 6   | 1,173.86 | 6   | 815.37 | 6   | 456.38 | 6   | 97.43  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,884.35 | 1/4 | 1,525.36 | 1/4 | 1,166.38 | 1/4 | 807.89 | 1/4 | 448.90 | 1/4 | 89.96  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,876.87 | 1/2 | 1,517.88 | 1/2 | 1,158.90 | 1/2 | 800.41 | 1/2 | 441.42 | 1/2 | 82.52  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,869.39 | 3/4 | 1,510.41 | 3/4 | 1,151.43 | 3/4 | 792.93 | 3/4 | 433.95 | 3/4 | 75.08  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,861.91 | 7   | 1,502.93 | 7   | 1,143.96 | 7   | 785.45 | 7   | 426.47 | 7   | 67.64  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,854.44 | 1/4 | 1,495.45 | 1/4 | 1,136.48 | 1/4 | 777.98 | 1/4 | 418.99 | 1/4 | 60.19  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,846.96 | 1/2 | 1,487.97 | 1/2 | 1,129.01 | 1/2 | 770.50 | 1/2 | 411.51 | 1/2 | 53.65  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,839.48 | 3/4 | 1,480.49 | 3/4 | 1,121.54 | 3/4 | 763.02 | 3/4 | 404.03 | 3/4 | 47.11  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,832.00 | 8   | 1,473.01 | 8   | 1,114.06 | 8   | 755.54 | 8   | 396.55 | 8   | 40.57  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,824.52 | 1/4 | 1,465.53 | 1/4 | 1,106.59 | 1/4 | 748.06 | 1/4 | 389.07 | 1/4 | 34.02  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,817.04 | 1/2 | 1,458.05 | 1/2 | 1,099.12 | 1/2 | 740.58 | 1/2 | 381.59 | 1/2 | 29.35  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,809.56 | 3/4 | 1,450.57 | 3/4 | 1,091.66 | 3/4 | 733.10 | 3/4 | 374.11 | 3/4 | 24.68  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,802.08 | 9   | 1,443.10 | 9   | 1,084.20 | 9   | 725.62 | 9   | 366.64 | 9   | 20.00  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,794.60 | 1/4 | 1,435.62 | 1/4 | 1,076.73 | 1/4 | 718.14 | 1/4 | 359.16 | 1/4 | 15.32  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,787.13 | 1/2 | 1,428.14 | 1/2 | 1,069.27 | 1/2 | 710.67 | 1/2 | 351.68 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,779.65 | 3/4 | 1,420.66 | 3/4 | 1,061.80 | 3/4 | 703.19 | 3/4 | 344.20 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,772.17 | 10  | 1,413.18 | 10  | 1,054.34 | 10  | 695.71 | 10  | 336.72 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,764.69 | 1/4 | 1,405.70 | 1/4 | 1,046.87 | 1/4 | 688.23 | 1/4 | 329.24 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,757.21 | 1/2 | 1,398.22 | 1/2 | 1,039.41 | 1/2 | 680.75 | 1/2 | 321.76 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,749.73 | 3/4 | 1,390.74 | 3/4 | 1,031.94 | 3/4 | 673.27 | 3/4 | 314.28 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,742.25 | 11  | 1,383.26 | 11  | 1,024.48 | 11  | 665.79 | 11  | 306.80 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,734.77 | 1/4 | 1,375.79 | 1/4 | 1,017.01 | 1/4 | 658.31 | 1/4 | 299.33 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,727.29 | 1/2 | 1,368.31 | 1/2 | 1,009.55 | 1/2 | 650.83 | 1/2 | 291.85 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,719.81 | 3/4 | 1,360.83 | 3/4 | 1,002.08 | 3/4 | 643.35 | 3/4 | 284.37 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 958"

## 3 PORT ULLAGE 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   |       | 0   |          | 0   | 4,358.19 | 0   | 4,139.72 | 0   | 3,920.67 | 0   | 3,701.27 | 0   | 3,468.39 | 0   | 3,117.89 | 0   | 2,761.24 | 0   | 2,404.52 |
| 1/4 |       | 1/4 |          | 1/4 | 4,353.67 | 1/4 | 4,135.15 | 1/4 | 3,916.10 | 1/4 | 3,696.70 | 1/4 | 3,462.18 | 1/4 | 3,110.46 | 1/4 | 2,753.81 | 1/4 | 2,397.08 |
| 1/2 |       | 1/2 |          | 1/2 | 4,349.15 | 1/2 | 4,130.59 | 1/2 | 3,911.54 | 1/2 | 3,692.12 | 1/2 | 3,455.50 | 1/2 | 3,103.03 | 1/2 | 2,746.38 | 1/2 | 2,389.64 |
| 3/4 |       | 3/4 |          | 3/4 | 4,344.63 | 3/4 | 4,126.02 | 3/4 | 3,906.98 | 3/4 | 3,687.54 | 3/4 | 3,448.82 | 3/4 | 3,095.60 | 3/4 | 2,738.95 | 3/4 | 2,382.20 |
| 1   |       | 1   |          | 1   | 4,340.11 | 1   | 4,121.46 | 1   | 3,902.41 | 1   | 3,682.97 | 1   | 3,442.14 | 1   | 3,088.17 | 1   | 2,731.52 | 1   | 2,374.76 |
| 1/4 |       | 1/4 |          | 1/4 | 4,335.59 | 1/4 | 4,116.90 | 1/4 | 3,897.85 | 1/4 | 3,678.39 | 1/4 | 3,435.45 | 1/4 | 3,080.74 | 1/4 | 2,724.09 | 1/4 | 2,367.32 |
| 1/2 |       | 1/2 |          | 1/2 | 4,331.07 | 1/2 | 4,112.33 | 1/2 | 3,893.29 | 1/2 | 3,673.82 | 1/2 | 3,428.29 | 1/2 | 3,073.31 | 1/2 | 2,716.66 | 1/2 | 2,359.88 |
| 3/4 |       | 3/4 |          | 3/4 | 4,326.55 | 3/4 | 4,107.77 | 3/4 | 3,888.72 | 3/4 | 3,669.24 | 3/4 | 3,421.13 | 3/4 | 3,065.88 | 3/4 | 2,709.23 | 3/4 | 2,352.44 |
| 2   |       | 2   |          | 2   | 4,322.03 | 2   | 4,103.21 | 2   | 3,884.16 | 2   | 3,664.66 | 2   | 3,413.97 | 2   | 3,058.45 | 2   | 2,701.80 | 2   | 2,345.00 |
| 1/4 |       | 1/4 |          | 1/4 | 4,317.51 | 1/4 | 4,098.64 | 1/4 | 3,879.60 | 1/4 | 3,660.09 | 1/4 | 3,406.81 | 1/4 | 3,051.02 | 1/4 | 2,694.37 | 1/4 | 2,337.56 |
| 1/2 |       | 1/2 |          | 1/2 | 4,313.00 | 1/2 | 4,094.08 | 1/2 | 3,875.03 | 1/2 | 3,655.51 | 1/2 | 3,399.42 | 1/2 | 3,043.59 | 1/2 | 2,686.94 | 1/2 | 2,330.12 |
| 3/4 |       | 3/4 |          | 3/4 | 4,308.48 | 3/4 | 4,089.52 | 3/4 | 3,870.47 | 3/4 | 3,650.93 | 3/4 | 3,392.03 | 3/4 | 3,036.16 | 3/4 | 2,679.51 | 3/4 | 2,322.68 |
| 3   |       | 3   |          | 3   | 4,303.96 | 3   | 4,084.95 | 3   | 3,865.91 | 3   | 3,646.36 | 3   | 3,384.64 | 3   | 3,028.73 | 3   | 2,672.08 | 3   | 2,315.24 |
| 1/4 |       | 1/4 |          | 1/4 | 4,299.44 | 1/4 | 4,080.39 | 1/4 | 3,861.34 | 1/4 | 3,641.78 | 1/4 | 3,377.26 | 1/4 | 3,021.30 | 1/4 | 2,664.65 | 1/4 | 2,307.80 |
| 1/2 |       | 1/2 |          | 1/2 | 4,294.87 | 1/2 | 4,075.83 | 1/2 | 3,856.78 | 1/2 | 3,637.21 | 1/2 | 3,369.86 | 1/2 | 3,013.87 | 1/2 | 2,657.22 | 1/2 | 2,300.35 |
| 3/4 |       | 3/4 |          | 3/4 | 4,290.31 | 3/4 | 4,071.26 | 3/4 | 3,852.21 | 3/4 | 3,632.63 | 3/4 | 3,362.46 | 3/4 | 3,006.44 | 3/4 | 2,649.79 | 3/4 | 2,292.91 |
| 4   |       | 4   |          | 4   | 4,285.75 | 4   | 4,066.70 | 4   | 3,847.65 | 4   | 3,628.05 | 4   | 3,355.06 | 4   | 2,999.01 | 4   | 2,642.36 | 4   | 2,285.47 |
| 1/4 |       | 1/4 |          | 1/4 | 4,281.18 | 1/4 | 4,062.14 | 1/4 | 3,843.09 | 1/4 | 3,623.48 | 1/4 | 3,347.66 | 1/4 | 2,991.58 | 1/4 | 2,634.93 | 1/4 | 2,278.03 |
| 1/2 |       | 1/2 |          | 1/2 | 4,276.62 | 1/2 | 4,057.57 | 1/2 | 3,838.52 | 1/2 | 3,618.90 | 1/2 | 3,340.26 | 1/2 | 2,984.15 | 1/2 | 2,627.49 | 1/2 | 2,270.60 |
| 3/4 |       | 3/4 |          | 3/4 | 4,272.06 | 3/4 | 4,053.01 | 3/4 | 3,833.96 | 3/4 | 3,614.32 | 3/4 | 3,332.86 | 3/4 | 2,976.72 | 3/4 | 2,620.06 | 3/4 | 2,263.16 |
| 5   |       | 5   |          | 5   | 4,267.49 | 5   | 4,048.45 | 5   | 3,829.40 | 5   | 3,609.75 | 5   | 3,325.46 | 5   | 2,969.29 | 5   | 2,612.63 | 5   | 2,255.73 |
| 1/4 |       | 1/4 |          | 1/4 | 4,262.93 | 1/4 | 4,043.88 | 1/4 | 3,824.83 | 1/4 | 3,605.17 | 1/4 | 3,318.06 | 1/4 | 2,961.86 | 1/4 | 2,605.20 | 1/4 | 2,248.29 |
| 1/2 |       | 1/2 |          | 1/2 | 4,258.37 | 1/2 | 4,039.32 | 1/2 | 3,820.26 | 1/2 | 3,600.60 | 1/2 | 3,310.66 | 1/2 | 2,954.43 | 1/2 | 2,597.77 | 1/2 | 2,240.86 |
| 3/4 |       | 3/4 |          | 3/4 | 4,253.80 | 3/4 | 4,034.75 | 3/4 | 3,815.68 | 3/4 | 3,596.02 | 3/4 | 3,303.25 | 3/4 | 2,947.00 | 3/4 | 2,590.34 | 3/4 | 2,233.42 |
| 6   |       | 6   |          | 6   | 4,249.24 | 6   | 4,030.19 | 6   | 3,811.11 | 6   | 3,591.44 | 6   | 3,295.85 | 6   | 2,939.57 | 6   | 2,582.90 | 6   | 2,225.99 |
| 1/4 |       | 1/4 | 4,454.30 | 1/4 | 4,244.68 | 1/4 | 4,025.63 | 1/4 | 3,806.53 | 1/4 | 3,586.87 | 1/4 | 3,288.45 | 1/4 | 2,932.14 | 1/4 | 2,575.47 | 1/4 | 2,218.55 |
| 1/2 |       | 1/2 | 4,451.12 | 1/2 | 4,240.11 | 1/2 | 4,021.06 | 1/2 | 3,801.95 | 1/2 | 3,582.29 | 1/2 | 3,281.05 | 1/2 | 2,924.71 | 1/2 | 2,568.04 | 1/2 | 2,211.12 |
| 3/4 |       | 3/4 | 4,447.93 | 3/4 | 4,235.55 | 3/4 | 4,016.50 | 3/4 | 3,797.38 | 3/4 | 3,577.71 | 3/4 | 3,273.65 | 3/4 | 2,917.28 | 3/4 | 2,560.61 | 3/4 | 2,203.68 |
| 7   |       | 7   | 4,444.75 | 7   | 4,230.99 | 7   | 4,011.94 | 7   | 3,792.80 | 7   | 3,573.14 | 7   | 3,266.25 | 7   | 2,909.85 | 7   | 2,553.18 | 7   | 2,196.25 |
| 1/4 |       | 1/4 | 4,441.56 | 1/4 | 4,226.42 | 1/4 | 4,007.37 | 1/4 | 3,788.22 | 1/4 | 3,568.56 | 1/4 | 3,258.84 | 1/4 | 2,902.42 | 1/4 | 2,545.75 | 1/4 | 2,188.81 |
| 1/2 |       | 1/2 | 4,437.61 | 1/2 | 4,221.86 | 1/2 | 4,002.81 | 1/2 | 3,783.65 | 1/2 | 3,563.98 | 1/2 | 3,251.44 | 1/2 | 2,894.99 | 1/2 | 2,538.32 | 1/2 | 2,181.38 |
| 3/4 |       | 3/4 | 4,433.67 | 3/4 | 4,217.29 | 3/4 | 3,998.25 | 3/4 | 3,779.07 | 3/4 | 3,559.41 | 3/4 | 3,244.04 | 3/4 | 2,887.56 | 3/4 | 2,530.88 | 3/4 | 2,173.94 |
| 8   |       | 8   | 4,429.72 | 8   | 4,212.73 | 8   | 3,993.68 | 8   | 3,774.49 | 8   | 3,554.83 | 8   | 3,236.64 | 8   | 2,880.13 | 8   | 2,523.45 | 8   | 2,166.51 |
| 1/4 |       | 1/4 | 4,425.77 | 1/4 | 4,208.17 | 1/4 | 3,989.12 | 1/4 | 3,769.92 | 1/4 | 3,550.26 | 1/4 | 3,229.24 | 1/4 | 2,872.69 | 1/4 | 2,516.02 | 1/4 | 2,159.07 |
| 1/2 |       | 1/2 | 4,421.30 | 1/2 | 4,203.60 | 1/2 | 3,984.56 | 1/2 | 3,765.34 | 1/2 | 3,545.44 | 1/2 | 3,221.83 | 1/2 | 2,865.26 | 1/2 | 2,508.59 | 1/2 | 2,151.64 |
| 3/4 |       | 3/4 | 4,416.82 | 3/4 | 4,199.04 | 3/4 | 3,979.99 | 3/4 | 3,760.77 | 3/4 | 3,540.62 | 3/4 | 3,214.43 | 3/4 | 2,857.83 | 3/4 | 2,501.16 | 3/4 | 2,144.20 |
| 9   |       | 9   | 4,412.34 | 9   | 4,194.48 | 9   | 3,975.43 | 9   | 3,756.19 | 9   | 3,535.81 | 9   | 3,207.03 | 9   | 2,850.40 | 9   | 2,493.73 | 9   | 2,136.77 |
| 1/4 |       | 1/4 | 4,407.87 | 1/4 | 4,189.91 | 1/4 | 3,970.87 | 1/4 | 3,751.61 | 1/4 | 3,530.99 | 1/4 | 3,199.63 | 1/4 | 2,842.97 | 1/4 | 2,486.30 | 1/4 | 2,129.33 |
| 1/2 |       | 1/2 | 4,403.36 | 1/2 | 4,185.35 | 1/2 | 3,966.30 | 1/2 | 3,747.04 | 1/2 | 3,525.73 | 1/2 | 3,192.20 | 1/2 | 2,835.54 | 1/2 | 2,478.86 | 1/2 | 2,121.90 |
| 3/4 |       | 3/4 | 4,398.85 | 3/4 | 4,180.79 | 3/4 | 3,961.74 | 3/4 | 3,742.46 | 3/4 | 3,520.48 | 3/4 | 3,184.77 | 3/4 | 2,828.11 | 3/4 | 2,471.43 | 3/4 | 2,114.46 |
| 10  |       | 10  | 4,394.33 | 10  | 4,176.22 | 10  | 3,957.18 | 10  | 3,737.88 | 10  | 3,515.22 | 10  | 3,177.34 | 10  | 2,820.68 | 10  | 2,464.00 | 10  | 2,107.03 |
| 1/4 |       | 1/4 | 4,389.82 | 1/4 | 4,171.66 | 1/4 | 3,952.61 | 1/4 | 3,733.31 | 1/4 | 3,509.96 | 1/4 | 3,169.91 | 1/4 | 2,813.25 | 1/4 | 2,456.57 | 1/4 | 2,099.59 |
| 1/2 |       | 1/2 | 4,385.30 | 1/2 | 4,167.10 | 1/2 | 3,948.05 | 1/2 | 3,728.73 | 1/2 | 3,504.22 | 1/2 | 3,162.48 | 1/2 | 2,805.82 | 1/2 | 2,449.14 | 1/2 | 2,092.18 |
| 3/4 |       | 3/4 | 4,380.78 | 3/4 | 4,162.53 | 3/4 | 3,943.48 | 3/4 | 3,724.16 | 3/4 | 3,498.48 | 3/4 | 3,155.05 | 3/4 | 2,798.39 | 3/4 | 2,441.71 | 3/4 | 2,084.76 |
| 11  |       | 11  | 4,376.26 | 11  | 4,157.97 | 11  | 3,938.92 | 11  | 3,719.58 | 11  | 3,492.75 | 11  | 3,147.62 | 11  | 2,790.96 | 11  | 2,434.27 | 11  | 2,077.35 |
| 1/4 |       | 1/4 | 4,371.74 | 1/4 | 4,153.41 | 1/4 | 3,934.36 | 1/4 | 3,715.00 | 1/4 | 3,487.01 | 1/4 | 3,140.19 | 1/4 | 2,783.53 | 1/4 | 2,426.84 | 1/4 | 2,069.93 |
| 1/2 |       | 1/2 | 4,367.22 | 1/2 | 4,148.84 | 1/2 | 3,929.79 | 1/2 | 3,710.43 | 1/2 | 3,480.80 | 1/2 | 3,132.76 | 1/2 | 2,776.10 | 1/2 | 2,419.40 | 1/2 | 2,062.52 |
| 3/4 |       | 3/4 | 4,362.71 | 3/4 | 4,144.28 | 3/4 | 3,925.23 | 3/4 | 3,705.85 | 3/4 | 3,474.60 | 3/4 | 3,125.32 | 3/4 | 2,768.67 | 3/4 | 2,411.96 | 3/4 | 2,055.10 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

## 3 PORT ULLAGE 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   | 2,047.69 | 0   | 1,691.33 | 0   | 1,334.28 | 0   | 984.21 | 0   | 633.32 | 0   | 276.01 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,040.28 | 1/4 | 1,683.89 | 1/4 | 1,326.85 | 1/4 | 977.07 | 1/4 | 625.88 | 1/4 | 268.55 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,032.85 | 1/2 | 1,676.45 | 1/2 | 1,319.41 | 1/2 | 969.92 | 1/2 | 618.44 | 1/2 | 261.10 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,025.43 | 3/4 | 1,669.01 | 3/4 | 1,311.97 | 3/4 | 962.77 | 3/4 | 610.99 | 3/4 | 253.64 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,018.01 | 1   | 1,661.57 | 1   | 1,304.53 | 1   | 955.63 | 1   | 603.55 | 1   | 246.19 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,010.59 | 1/4 | 1,654.13 | 1/4 | 1,297.09 | 1/4 | 948.48 | 1/4 | 596.11 | 1/4 | 238.73 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,003.17 | 1/2 | 1,646.70 | 1/2 | 1,289.65 | 1/2 | 941.33 | 1/2 | 588.66 | 1/2 | 231.28 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,995.74 | 3/4 | 1,639.26 | 3/4 | 1,282.21 | 3/4 | 934.19 | 3/4 | 581.22 | 3/4 | 223.82 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,988.32 | 2   | 1,631.82 | 2   | 1,274.78 | 2   | 927.04 | 2   | 573.78 | 2   | 216.37 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,980.90 | 1/4 | 1,624.38 | 1/4 | 1,267.34 | 1/4 | 919.89 | 1/4 | 566.33 | 1/4 | 208.91 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,973.48 | 1/2 | 1,616.94 | 1/2 | 1,259.90 | 1/2 | 912.74 | 1/2 | 558.89 | 1/2 | 201.46 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,966.06 | 3/4 | 1,609.50 | 3/4 | 1,252.46 | 3/4 | 905.60 | 3/4 | 551.45 | 3/4 | 194.00 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,958.63 | 3   | 1,602.07 | 3   | 1,245.02 | 3   | 898.45 | 3   | 544.00 | 3   | 186.55 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,951.21 | 1/4 | 1,594.63 | 1/4 | 1,237.58 | 1/4 | 891.30 | 1/4 | 536.56 | 1/4 | 179.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,943.79 | 1/2 | 1,587.19 | 1/2 | 1,230.15 | 1/2 | 884.16 | 1/2 | 529.12 | 1/2 | 171.64 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,936.37 | 3/4 | 1,579.75 | 3/4 | 1,222.71 | 3/4 | 877.01 | 3/4 | 521.67 | 3/4 | 164.18 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,928.95 | 4   | 1,572.31 | 4   | 1,215.27 | 4   | 869.86 | 4   | 514.23 | 4   | 156.73 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,921.52 | 1/4 | 1,564.87 | 1/4 | 1,207.83 | 1/4 | 862.72 | 1/4 | 506.79 | 1/4 | 149.27 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,914.10 | 1/2 | 1,557.44 | 1/2 | 1,200.39 | 1/2 | 855.55 | 1/2 | 499.34 | 1/2 | 141.82 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,906.68 | 3/4 | 1,550.00 | 3/4 | 1,192.95 | 3/4 | 848.38 | 3/4 | 491.90 | 3/4 | 134.36 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,899.26 | 5   | 1,542.56 | 5   | 1,185.52 | 5   | 841.21 | 5   | 484.46 | 5   | 126.91 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,891.84 | 1/4 | 1,535.12 | 1/4 | 1,178.08 | 1/4 | 834.04 | 1/4 | 477.01 | 1/4 | 119.46 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,884.41 | 1/2 | 1,527.68 | 1/2 | 1,170.85 | 1/2 | 826.66 | 1/2 | 469.57 | 1/2 | 112.01 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,876.99 | 3/4 | 1,520.24 | 3/4 | 1,163.61 | 3/4 | 819.28 | 3/4 | 462.13 | 3/4 | 104.57 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,869.57 | 6   | 1,512.81 | 6   | 1,156.38 | 6   | 811.90 | 6   | 454.68 | 6   | 97.12  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,862.15 | 1/4 | 1,505.37 | 1/4 | 1,149.15 | 1/4 | 804.52 | 1/4 | 447.24 | 1/4 | 89.68  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,854.73 | 1/2 | 1,497.93 | 1/2 | 1,141.93 | 1/2 | 797.08 | 1/2 | 439.80 | 1/2 | 82.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,847.30 | 3/4 | 1,490.49 | 3/4 | 1,134.72 | 3/4 | 789.64 | 3/4 | 432.35 | 3/4 | 74.84  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,839.88 | 7   | 1,483.05 | 7   | 1,127.50 | 7   | 782.19 | 7   | 424.91 | 7   | 67.42  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,832.46 | 1/4 | 1,475.61 | 1/4 | 1,120.28 | 1/4 | 774.75 | 1/4 | 417.47 | 1/4 | 60.00  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,825.04 | 1/2 | 1,468.17 | 1/2 | 1,113.07 | 1/2 | 767.31 | 1/2 | 410.02 | 1/2 | 53.48  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,817.62 | 3/4 | 1,460.74 | 3/4 | 1,105.85 | 3/4 | 759.86 | 3/4 | 402.58 | 3/4 | 46.96  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,810.19 | 8   | 1,453.30 | 8   | 1,098.63 | 8   | 752.42 | 8   | 395.14 | 8   | 40.44  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,802.77 | 1/4 | 1,445.86 | 1/4 | 1,091.41 | 1/4 | 744.98 | 1/4 | 387.69 | 1/4 | 33.92  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,795.35 | 1/2 | 1,438.42 | 1/2 | 1,084.27 | 1/2 | 737.53 | 1/2 | 380.25 | 1/2 | 29.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,787.93 | 3/4 | 1,430.98 | 3/4 | 1,077.12 | 3/4 | 730.09 | 3/4 | 372.81 | 3/4 | 24.60  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,780.51 | 9   | 1,423.54 | 9   | 1,069.97 | 9   | 722.64 | 9   | 365.36 | 9   | 19.94  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,773.08 | 1/4 | 1,416.11 | 1/4 | 1,062.83 | 1/4 | 715.20 | 1/4 | 357.92 | 1/4 | 15.28  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,765.66 | 1/2 | 1,408.67 | 1/2 | 1,055.68 | 1/2 | 707.76 | 1/2 | 350.47 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,758.24 | 3/4 | 1,401.23 | 3/4 | 1,048.53 | 3/4 | 700.31 | 3/4 | 343.03 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,750.82 | 10  | 1,393.79 | 10  | 1,041.39 | 10  | 692.87 | 10  | 335.59 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,743.40 | 1/4 | 1,386.35 | 1/4 | 1,034.24 | 1/4 | 685.43 | 1/4 | 328.14 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,735.96 | 1/2 | 1,378.91 | 1/2 | 1,027.09 | 1/2 | 677.98 | 1/2 | 320.70 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,728.52 | 3/4 | 1,371.48 | 3/4 | 1,019.95 | 3/4 | 670.54 | 3/4 | 313.26 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,721.08 | 11  | 1,364.04 | 11  | 1,012.80 | 11  | 663.10 | 11  | 305.81 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,713.64 | 1/4 | 1,356.60 | 1/4 | 1,005.65 | 1/4 | 655.65 | 1/4 | 298.37 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,706.20 | 1/2 | 1,349.16 | 1/2 | 998.51   | 1/2 | 648.21 | 1/2 | 290.92 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,698.77 | 3/4 | 1,341.72 | 3/4 | 991.36   | 3/4 | 640.77 | 3/4 | 283.46 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "GMS 958"

3 STBD

## ULLAGE 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   |       | 0   |          | 0   | 4,370.72 | 0   | 4,152.34 | 0   | 3,933.42 | 0   | 3,714.14 | 0   | 3,479.73 | 0   | 3,127.57 | 0   | 2,770.48 | 0   | 2,413.33 |
| 1/4 |       | 1/4 |          | 1/4 | 4,366.21 | 1/4 | 4,147.78 | 1/4 | 3,928.86 | 1/4 | 3,709.57 | 1/4 | 3,473.04 | 1/4 | 3,120.13 | 1/4 | 2,763.04 | 1/4 | 2,405.88 |
| 1/2 |       | 1/2 |          | 1/2 | 4,361.69 | 1/2 | 4,143.22 | 1/2 | 3,924.30 | 1/2 | 3,705.00 | 1/2 | 3,466.35 | 1/2 | 3,112.69 | 1/2 | 2,755.60 | 1/2 | 2,398.43 |
| 3/4 |       | 3/4 |          | 3/4 | 4,357.18 | 3/4 | 4,138.66 | 3/4 | 3,919.74 | 3/4 | 3,700.42 | 3/4 | 3,459.65 | 3/4 | 3,105.25 | 3/4 | 2,748.16 | 3/4 | 2,390.98 |
| 1   |       | 1   |          | 1   | 4,352.66 | 1   | 4,134.10 | 1   | 3,915.18 | 1   | 3,695.85 | 1   | 3,452.96 | 1   | 3,097.81 | 1   | 2,740.72 | 1   | 2,383.53 |
| 1/4 |       | 1/4 |          | 1/4 | 4,348.14 | 1/4 | 4,129.54 | 1/4 | 3,910.61 | 1/4 | 3,691.28 | 1/4 | 3,445.79 | 1/4 | 3,090.37 | 1/4 | 2,733.28 | 1/4 | 2,376.08 |
| 1/2 |       | 1/2 |          | 1/2 | 4,343.63 | 1/2 | 4,124.98 | 1/2 | 3,906.05 | 1/2 | 3,686.70 | 1/2 | 3,438.62 | 1/2 | 3,082.93 | 1/2 | 2,725.84 | 1/2 | 2,368.63 |
| 3/4 |       | 3/4 |          | 3/4 | 4,339.11 | 3/4 | 4,120.42 | 3/4 | 3,901.49 | 3/4 | 3,682.13 | 3/4 | 3,431.45 | 3/4 | 3,075.49 | 3/4 | 2,718.40 | 3/4 | 2,361.18 |
| 2   |       | 2   |          | 2   | 4,334.60 | 2   | 4,115.85 | 2   | 3,896.93 | 2   | 3,677.55 | 2   | 3,424.28 | 2   | 3,068.06 | 2   | 2,710.96 | 2   | 2,353.73 |
| 1/4 |       | 1/4 |          | 1/4 | 4,330.08 | 1/4 | 4,111.29 | 1/4 | 3,892.37 | 1/4 | 3,672.98 | 1/4 | 3,416.88 | 1/4 | 3,060.62 | 1/4 | 2,703.52 | 1/4 | 2,346.28 |
| 1/2 |       | 1/2 |          | 1/2 | 4,325.57 | 1/2 | 4,106.73 | 1/2 | 3,887.81 | 1/2 | 3,668.41 | 1/2 | 3,409.48 | 1/2 | 3,053.18 | 1/2 | 2,696.09 | 1/2 | 2,338.83 |
| 3/4 |       | 3/4 |          | 3/4 | 4,321.05 | 3/4 | 4,102.17 | 3/4 | 3,883.25 | 3/4 | 3,663.83 | 3/4 | 3,402.09 | 3/4 | 3,045.74 | 3/4 | 2,688.65 | 3/4 | 2,331.38 |
| 3   |       | 3   |          | 3   | 4,316.53 | 3   | 4,097.61 | 3   | 3,878.69 | 3   | 3,659.26 | 3   | 3,394.69 | 3   | 3,038.30 | 3   | 2,681.21 | 3   | 2,323.93 |
| 1/4 |       | 1/4 |          | 1/4 | 4,311.97 | 1/4 | 4,093.05 | 1/4 | 3,874.13 | 1/4 | 3,654.69 | 1/4 | 3,387.28 | 1/4 | 3,030.86 | 1/4 | 2,673.77 | 1/4 | 2,316.48 |
| 1/2 |       | 1/2 |          | 1/2 | 4,307.41 | 1/2 | 4,088.49 | 1/2 | 3,869.57 | 1/2 | 3,650.11 | 1/2 | 3,379.88 | 1/2 | 3,023.42 | 1/2 | 2,666.33 | 1/2 | 2,309.03 |
| 3/4 |       | 3/4 |          | 3/4 | 4,302.85 | 3/4 | 4,083.93 | 3/4 | 3,865.01 | 3/4 | 3,645.54 | 3/4 | 3,372.47 | 3/4 | 3,015.98 | 3/4 | 2,658.89 | 3/4 | 2,301.58 |
| 4   |       | 4   |          | 4   | 4,298.29 | 4   | 4,079.37 | 4   | 3,860.44 | 4   | 3,640.97 | 4   | 3,365.06 | 4   | 3,008.54 | 4   | 2,651.45 | 4   | 2,294.13 |
| 1/4 |       | 1/4 |          | 1/4 | 4,293.73 | 1/4 | 4,074.81 | 1/4 | 3,855.88 | 1/4 | 3,636.39 | 1/4 | 3,357.65 | 1/4 | 3,001.10 | 1/4 | 2,644.01 | 1/4 | 2,286.68 |
| 1/2 |       | 1/2 |          | 1/2 | 4,289.17 | 1/2 | 4,070.25 | 1/2 | 3,851.32 | 1/2 | 3,631.82 | 1/2 | 3,350.24 | 1/2 | 2,993.66 | 1/2 | 2,636.57 | 1/2 | 2,279.23 |
| 3/4 |       | 3/4 |          | 3/4 | 4,284.61 | 3/4 | 4,065.68 | 3/4 | 3,846.76 | 3/4 | 3,627.25 | 3/4 | 3,342.83 | 3/4 | 2,986.22 | 3/4 | 2,629.13 | 3/4 | 2,271.78 |
| 5   |       | 5   |          | 5   | 4,280.05 | 5   | 4,061.12 | 5   | 3,842.20 | 5   | 3,622.67 | 5   | 3,335.42 | 5   | 2,978.78 | 5   | 2,621.69 | 5   | 2,264.33 |
| 1/4 |       | 1/4 |          | 1/4 | 4,275.49 | 1/4 | 4,056.56 | 1/4 | 3,837.63 | 1/4 | 3,618.10 | 1/4 | 3,328.01 | 1/4 | 2,971.34 | 1/4 | 2,614.25 | 1/4 | 2,256.88 |
| 1/2 |       | 1/2 |          | 1/2 | 4,270.93 | 1/2 | 4,052.00 | 1/2 | 3,833.05 | 1/2 | 3,613.53 | 1/2 | 3,320.60 | 1/2 | 2,963.90 | 1/2 | 2,606.81 | 1/2 | 2,249.43 |
| 3/4 |       | 3/4 |          | 3/4 | 4,266.36 | 3/4 | 4,047.44 | 3/4 | 3,828.48 | 3/4 | 3,608.95 | 3/4 | 3,313.18 | 3/4 | 2,956.46 | 3/4 | 2,599.37 | 3/4 | 2,241.98 |
| 6   |       | 6   | 4,471.29 | 6   | 4,261.80 | 6   | 4,042.88 | 6   | 3,823.91 | 6   | 3,604.38 | 6   | 3,305.77 | 6   | 2,949.02 | 6   | 2,591.93 | 6   | 2,234.53 |
| 1/4 |       | 1/4 | 4,468.11 | 1/4 | 4,257.24 | 1/4 | 4,038.32 | 1/4 | 3,819.33 | 1/4 | 3,599.81 | 1/4 | 3,298.36 | 1/4 | 2,941.59 | 1/4 | 2,584.49 | 1/4 | 2,227.08 |
| 1/2 |       | 1/2 | 4,464.92 | 1/2 | 4,252.68 | 1/2 | 4,033.76 | 1/2 | 3,814.76 | 1/2 | 3,595.23 | 1/2 | 3,290.95 | 1/2 | 2,934.15 | 1/2 | 2,577.05 | 1/2 | 2,219.63 |
| 3/4 |       | 3/4 | 4,461.74 | 3/4 | 4,248.12 | 3/4 | 4,029.20 | 3/4 | 3,810.19 | 3/4 | 3,590.66 | 3/4 | 3,283.54 | 3/4 | 2,926.71 | 3/4 | 2,569.61 | 3/4 | 2,212.19 |
| 7   |       | 7   | 4,458.56 | 7   | 4,243.56 | 7   | 4,024.64 | 7   | 3,805.61 | 7   | 3,586.08 | 7   | 3,276.13 | 7   | 2,919.27 | 7   | 2,562.17 | 7   | 2,204.74 |
| 1/4 |       | 1/4 | 4,454.61 | 1/4 | 4,239.00 | 1/4 | 4,020.08 | 1/4 | 3,801.04 | 1/4 | 3,581.51 | 1/4 | 3,268.72 | 1/4 | 2,911.83 | 1/4 | 2,554.73 | 1/4 | 2,197.29 |
| 1/2 |       | 1/2 | 4,450.67 | 1/2 | 4,234.44 | 1/2 | 4,015.51 | 1/2 | 3,796.47 | 1/2 | 3,576.94 | 1/2 | 3,261.31 | 1/2 | 2,904.39 | 1/2 | 2,547.29 | 1/2 | 2,189.84 |
| 3/4 |       | 3/4 | 4,446.72 | 3/4 | 4,229.88 | 3/4 | 4,010.95 | 3/4 | 3,791.89 | 3/4 | 3,572.36 | 3/4 | 3,253.90 | 3/4 | 2,896.95 | 3/4 | 2,539.85 | 3/4 | 2,182.39 |
| 8   |       | 8   | 4,442.78 | 8   | 4,225.32 | 8   | 4,006.39 | 8   | 3,787.32 | 8   | 3,567.79 | 8   | 3,246.49 | 8   | 2,889.51 | 8   | 2,532.41 | 8   | 2,174.94 |
| 1/4 |       | 1/4 | 4,438.31 | 1/4 | 4,220.76 | 1/4 | 4,001.83 | 1/4 | 3,782.75 | 1/4 | 3,562.98 | 1/4 | 3,239.08 | 1/4 | 2,882.07 | 1/4 | 2,524.97 | 1/4 | 2,167.49 |
| 1/2 |       | 1/2 | 4,433.83 | 1/2 | 4,216.19 | 1/2 | 3,997.27 | 1/2 | 3,778.17 | 1/2 | 3,558.16 | 1/2 | 3,231.66 | 1/2 | 2,874.63 | 1/2 | 2,517.53 | 1/2 | 2,160.04 |
| 3/4 |       | 3/4 | 4,429.36 | 3/4 | 4,211.63 | 3/4 | 3,992.71 | 3/4 | 3,773.60 | 3/4 | 3,553.35 | 3/4 | 3,224.25 | 3/4 | 2,867.19 | 3/4 | 2,510.09 | 3/4 | 2,152.59 |
| 9   |       | 9   | 4,424.88 | 9   | 4,207.07 | 9   | 3,988.15 | 9   | 3,769.02 | 9   | 3,548.54 | 9   | 3,216.84 | 9   | 2,859.75 | 9   | 2,502.65 | 9   | 2,145.14 |
| 1/4 |       | 1/4 | 4,420.38 | 1/4 | 4,202.51 | 1/4 | 3,983.59 | 1/4 | 3,764.45 | 1/4 | 3,543.28 | 1/4 | 3,209.40 | 1/4 | 2,852.31 | 1/4 | 2,495.21 | 1/4 | 2,137.69 |
| 1/2 |       | 1/2 | 4,415.87 | 1/2 | 4,197.95 | 1/2 | 3,979.03 | 1/2 | 3,759.88 | 1/2 | 3,538.03 | 1/2 | 3,201.96 | 1/2 | 2,844.87 | 1/2 | 2,487.77 | 1/2 | 2,130.24 |
| 3/4 |       | 3/4 | 4,411.36 | 3/4 | 4,193.39 | 3/4 | 3,974.47 | 3/4 | 3,755.30 | 3/4 | 3,532.77 | 3/4 | 3,194.52 | 3/4 | 2,837.43 | 3/4 | 2,480.33 | 3/4 | 2,122.79 |
| 10  |       | 10  | 4,406.85 | 10  | 4,188.83 | 10  | 3,969.91 | 10  | 3,750.73 | 10  | 3,527.52 | 10  | 3,187.09 | 10  | 2,829.99 | 10  | 2,472.89 | 10  | 2,115.34 |
| 1/4 |       | 1/4 | 4,402.34 | 1/4 | 4,184.27 | 1/4 | 3,965.35 | 1/4 | 3,746.16 | 1/4 | 3,521.78 | 1/4 | 3,179.65 | 1/4 | 2,822.55 | 1/4 | 2,465.45 | 1/4 | 2,107.89 |
| 1/2 |       | 1/2 | 4,397.82 | 1/2 | 4,179.71 | 1/2 | 3,960.78 | 1/2 | 3,741.58 | 1/2 | 3,516.05 | 1/2 | 3,172.21 | 1/2 | 2,815.12 | 1/2 | 2,458.01 | 1/2 | 2,100.44 |
| 3/4 |       | 3/4 | 4,393.31 | 3/4 | 4,175.15 | 3/4 | 3,956.22 | 3/4 | 3,737.01 | 3/4 | 3,510.32 | 3/4 | 3,164.77 | 3/4 | 2,807.68 | 3/4 | 2,450.57 | 3/4 | 2,092.99 |
| 11  |       | 11  | 4,388.79 | 11  | 4,170.59 | 11  | 3,951.66 | 11  | 3,732.44 | 11  | 3,504.58 | 11  | 3,157.33 | 11  | 2,800.24 | 11  | 2,443.13 | 11  | 2,085.54 |
| 1/4 |       | 1/4 | 4,384.27 | 1/4 | 4,166.02 | 1/4 | 3,947.10 | 1/4 | 3,727.86 | 1/4 | 3,498.37 | 1/4 | 3,149.89 | 1/4 | 2,792.80 | 1/4 | 2,435.68 | 1/4 | 2,078.09 |
| 1/2 |       | 1/2 | 4,379.76 | 1/2 | 4,161.46 | 1/2 | 3,942.54 | 1/2 | 3,723.29 | 1/2 | 3,492.16 | 1/2 | 3,142.45 | 1/2 | 2,785.36 | 1/2 | 2,428.23 | 1/2 | 2,070.64 |
| 3/4 |       | 3/4 | 4,375.24 | 3/4 | 4,156.90 | 3/4 | 3,937.98 | 3/4 | 3,718.72 | 3/4 | 3,485.94 | 3/4 | 3,135.01 | 3/4 | 2,777.92 | 3/4 | 2,420.78 | 3/4 | 2,063.19 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 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 958"

3 STBD

ULLAGE 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   | 2,055.74 | 0   | 1,698.16 | 0   | 1,340.57 | 0   | 983.27 | 0   | 625.92 | 0   | 268.35 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,048.29 | 1/4 | 1,690.71 | 1/4 | 1,333.12 | 1/4 | 975.83 | 1/4 | 618.47 | 1/4 | 260.90 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,040.84 | 1/2 | 1,683.26 | 1/2 | 1,325.67 | 1/2 | 968.40 | 1/2 | 611.02 | 1/2 | 253.45 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,033.39 | 3/4 | 1,675.81 | 3/4 | 1,318.22 | 3/4 | 960.96 | 3/4 | 603.57 | 3/4 | 246.00 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,025.94 | 1   | 1,668.36 | 1   | 1,310.77 | 1   | 953.53 | 1   | 596.12 | 1   | 238.55 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,018.49 | 1/4 | 1,660.91 | 1/4 | 1,303.32 | 1/4 | 946.09 | 1/4 | 588.67 | 1/4 | 231.10 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,011.04 | 1/2 | 1,653.46 | 1/2 | 1,295.87 | 1/2 | 938.66 | 1/2 | 581.22 | 1/2 | 223.65 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,003.59 | 3/4 | 1,646.01 | 3/4 | 1,288.42 | 3/4 | 931.22 | 3/4 | 573.78 | 3/4 | 216.20 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,996.14 | 2   | 1,638.56 | 2   | 1,280.97 | 2   | 923.79 | 2   | 566.33 | 2   | 208.75 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,988.69 | 1/4 | 1,631.11 | 1/4 | 1,273.52 | 1/4 | 916.35 | 1/4 | 558.88 | 1/4 | 201.30 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,981.24 | 1/2 | 1,623.66 | 1/2 | 1,266.07 | 1/2 | 908.92 | 1/2 | 551.43 | 1/2 | 193.85 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,973.79 | 3/4 | 1,616.21 | 3/4 | 1,258.62 | 3/4 | 901.48 | 3/4 | 543.98 | 3/4 | 186.40 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,966.35 | 3   | 1,608.76 | 3   | 1,251.17 | 3   | 894.05 | 3   | 536.53 | 3   | 178.95 | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,958.90 | 1/4 | 1,601.31 | 1/4 | 1,243.72 | 1/4 | 886.61 | 1/4 | 529.08 | 1/4 | 171.50 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,951.45 | 1/2 | 1,593.86 | 1/2 | 1,236.27 | 1/2 | 879.18 | 1/2 | 521.63 | 1/2 | 164.05 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,944.00 | 3/4 | 1,586.41 | 3/4 | 1,228.82 | 3/4 | 871.74 | 3/4 | 514.18 | 3/4 | 156.60 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,936.55 | 4   | 1,578.96 | 4   | 1,221.38 | 4   | 864.31 | 4   | 506.73 | 4   | 149.15 | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,929.10 | 1/4 | 1,571.51 | 1/4 | 1,213.93 | 1/4 | 856.86 | 1/4 | 499.28 | 1/4 | 141.71 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,921.65 | 1/2 | 1,564.06 | 1/2 | 1,206.48 | 1/2 | 849.41 | 1/2 | 491.83 | 1/2 | 134.26 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,914.20 | 3/4 | 1,556.61 | 3/4 | 1,199.03 | 3/4 | 841.96 | 3/4 | 484.38 | 3/4 | 126.81 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,906.75 | 5   | 1,549.16 | 5   | 1,191.58 | 5   | 834.51 | 5   | 476.93 | 5   | 119.36 | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,899.30 | 1/4 | 1,541.71 | 1/4 | 1,184.13 | 1/4 | 827.06 | 1/4 | 469.48 | 1/4 | 111.92 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,891.85 | 1/2 | 1,534.26 | 1/2 | 1,176.68 | 1/2 | 819.61 | 1/2 | 462.03 | 1/2 | 104.48 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,884.40 | 3/4 | 1,526.81 | 3/4 | 1,169.23 | 3/4 | 812.16 | 3/4 | 454.58 | 3/4 | 97.04  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,876.95 | 6   | 1,519.36 | 6   | 1,161.78 | 6   | 804.71 | 6   | 447.13 | 6   | 89.61  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,869.50 | 1/4 | 1,511.91 | 1/4 | 1,154.33 | 1/4 | 797.26 | 1/4 | 439.68 | 1/4 | 82.19  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,862.05 | 1/2 | 1,504.46 | 1/2 | 1,146.89 | 1/2 | 789.81 | 1/2 | 432.23 | 1/2 | 74.78  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,854.60 | 3/4 | 1,497.01 | 3/4 | 1,139.45 | 3/4 | 782.36 | 3/4 | 424.79 | 3/4 | 67.37  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,847.15 | 7   | 1,489.56 | 7   | 1,132.00 | 7   | 774.91 | 7   | 417.34 | 7   | 59.95  | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,839.70 | 1/4 | 1,482.11 | 1/4 | 1,124.56 | 1/4 | 767.46 | 1/4 | 409.89 | 1/4 | 53.44  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,832.25 | 1/2 | 1,474.66 | 1/2 | 1,117.11 | 1/2 | 760.01 | 1/2 | 402.44 | 1/2 | 46.92  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,824.80 | 3/4 | 1,467.22 | 3/4 | 1,109.67 | 3/4 | 752.56 | 3/4 | 394.99 | 3/4 | 40.40  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,817.35 | 8   | 1,459.77 | 8   | 1,102.23 | 8   | 745.11 | 8   | 387.54 | 8   | 33.89  | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,809.90 | 1/4 | 1,452.32 | 1/4 | 1,094.79 | 1/4 | 737.66 | 1/4 | 380.09 | 1/4 | 29.23  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,802.45 | 1/2 | 1,444.87 | 1/2 | 1,087.36 | 1/2 | 730.21 | 1/2 | 372.64 | 1/2 | 24.57  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,795.00 | 3/4 | 1,437.42 | 3/4 | 1,079.92 | 3/4 | 722.77 | 3/4 | 365.19 | 3/4 | 19.92  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,787.55 | 9   | 1,429.97 | 9   | 1,072.49 | 9   | 715.32 | 9   | 357.74 | 9   | 15.26  | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,780.10 | 1/4 | 1,422.52 | 1/4 | 1,065.05 | 1/4 | 707.87 | 1/4 | 350.29 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,772.65 | 1/2 | 1,415.07 | 1/2 | 1,057.62 | 1/2 | 700.42 | 1/2 | 342.84 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,765.20 | 3/4 | 1,407.62 | 3/4 | 1,050.18 | 3/4 | 692.97 | 3/4 | 335.39 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,757.75 | 10  | 1,400.17 | 10  | 1,042.75 | 10  | 685.52 | 10  | 327.94 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,750.30 | 1/4 | 1,392.72 | 1/4 | 1,035.31 | 1/4 | 678.07 | 1/4 | 320.49 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,742.85 | 1/2 | 1,385.27 | 1/2 | 1,027.88 | 1/2 | 670.62 | 1/2 | 313.04 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,735.40 | 3/4 | 1,377.82 | 3/4 | 1,020.44 | 3/4 | 663.17 | 3/4 | 305.59 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,727.95 | 11  | 1,370.37 | 11  | 1,013.01 | 11  | 655.72 | 11  | 298.14 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,720.51 | 1/4 | 1,362.92 | 1/4 | 1,005.57 | 1/4 | 648.27 | 1/4 | 290.69 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,713.06 | 1/2 | 1,355.47 | 1/2 | 998.14   | 1/2 | 640.82 | 1/2 | 283.24 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,705.61 | 3/4 | 1,348.02 | 3/4 | 990.70   | 3/4 | 633.37 | 3/4 | 275.80 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/09/2020 CL  
CALCULATED: 11/10/2020 CL  
PRINTED: 11/10/2020 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2020

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
Pearland, Texas 77588

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