



# BARGE "MPC 956"

## INNAGE TRIM TABLE

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-5/8     | - 00-5/8     | 00-7/8     | - 00-7/8     | 01-0/8     | - 01-0/8     | 01-1/4     | - 01-1/4     |
| 1 STBD | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-5/8     | - 00-5/8     | 00-7/8     | - 00-7/8     | 01-0/8     | - 01-0/8     | 01-1/4     | - 01-1/4     |
| 2 PORT | - 00-3/8   | 00-3/8       | - 00-5/8   | 00-5/8       | - 01-0/8   | 01-0/8       | - 01-1/4   | 01-1/4       | - 01-5/8   | 01-5/8       | - 02-0/8   | 02-0/8       |
| 2 STBD | - 00-3/8   | 00-3/8       | - 00-5/8   | 00-5/8       | - 01-0/8   | 01-0/8       | - 01-1/4   | 01-1/4       | - 01-5/8   | 01-5/8       | - 02-0/8   | 02-0/8       |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-3/8"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED INNAGE IS 3'-11 5/8"

LENGTH BETWEEN DRAFT MARKS: 132'-09"

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# BARGE "MPC 956"

# 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.20  | 0   | 277.12 | 0   | 548.37 | 0   | 819.17   | 0   | 1,090.31 | 0   | 1,361.57 | 0   | 1,632.84 | 0   | 1,904.10 | 0   | 2,175.36 | 0   | 2,446.59 |
| 1/4 | 19.08  | 1/4 | 282.77 | 1/4 | 554.02 | 1/4 | 824.80   | 1/4 | 1,095.96 | 1/4 | 1,367.22 | 1/4 | 1,638.49 | 1/4 | 1,909.75 | 1/4 | 2,181.01 | 1/4 | 2,452.24 |
| 1/2 | 22.97  | 1/2 | 288.42 | 1/2 | 559.67 | 1/2 | 830.44   | 1/2 | 1,101.61 | 1/2 | 1,372.88 | 1/2 | 1,644.14 | 1/2 | 1,915.40 | 1/2 | 2,186.66 | 1/2 | 2,457.89 |
| 3/4 | 26.85  | 3/4 | 294.07 | 3/4 | 565.32 | 3/4 | 836.08   | 3/4 | 1,107.26 | 3/4 | 1,378.53 | 3/4 | 1,649.79 | 3/4 | 1,921.05 | 3/4 | 2,192.31 | 3/4 | 2,463.54 |
| 1   | 30.74  | 1   | 299.72 | 1   | 570.98 | 1   | 841.72   | 1   | 1,112.92 | 1   | 1,384.18 | 1   | 1,655.44 | 1   | 1,926.70 | 1   | 2,197.96 | 1   | 2,469.19 |
| 1/4 | 35.85  | 1/4 | 305.37 | 1/4 | 576.63 | 1/4 | 847.36   | 1/4 | 1,118.57 | 1/4 | 1,389.83 | 1/4 | 1,661.09 | 1/4 | 1,932.35 | 1/4 | 2,203.61 | 1/4 | 2,474.84 |
| 1/2 | 40.97  | 1/2 | 311.03 | 1/2 | 582.28 | 1/2 | 853.00   | 1/2 | 1,124.22 | 1/2 | 1,395.48 | 1/2 | 1,666.74 | 1/2 | 1,938.01 | 1/2 | 2,209.26 | 1/2 | 2,480.49 |
| 3/4 | 46.08  | 3/4 | 316.68 | 3/4 | 587.93 | 3/4 | 858.64   | 3/4 | 1,129.87 | 3/4 | 1,401.13 | 3/4 | 1,672.39 | 3/4 | 1,943.66 | 3/4 | 2,214.91 | 3/4 | 2,486.14 |
| 2   | 51.19  | 2   | 322.33 | 2   | 593.58 | 2   | 864.29   | 2   | 1,135.52 | 2   | 1,406.78 | 2   | 1,678.05 | 2   | 1,949.31 | 2   | 2,220.56 | 2   | 2,491.79 |
| 1/4 | 56.82  | 1/4 | 327.98 | 1/4 | 599.23 | 1/4 | 869.93   | 1/4 | 1,141.17 | 1/4 | 1,412.43 | 1/4 | 1,683.70 | 1/4 | 1,954.96 | 1/4 | 2,226.21 | 1/4 | 2,497.45 |
| 1/2 | 62.45  | 1/2 | 333.63 | 1/2 | 604.88 | 1/2 | 875.57   | 1/2 | 1,146.82 | 1/2 | 1,418.09 | 1/2 | 1,689.35 | 1/2 | 1,960.61 | 1/2 | 2,231.86 | 1/2 | 2,503.10 |
| 3/4 | 68.08  | 3/4 | 339.28 | 3/4 | 610.53 | 3/4 | 881.22   | 3/4 | 1,152.47 | 3/4 | 1,423.74 | 3/4 | 1,695.00 | 3/4 | 1,966.26 | 3/4 | 2,237.51 | 3/4 | 2,508.75 |
| 3   | 73.71  | 3   | 344.93 | 3   | 616.18 | 3   | 886.86   | 3   | 1,158.13 | 3   | 1,429.39 | 3   | 1,700.65 | 3   | 1,971.91 | 3   | 2,243.16 | 3   | 2,514.40 |
| 1/4 | 79.35  | 1/4 | 350.58 | 1/4 | 621.84 | 1/4 | 892.52   | 1/4 | 1,163.78 | 1/4 | 1,435.04 | 1/4 | 1,706.30 | 1/4 | 1,977.56 | 1/4 | 2,248.81 | 1/4 | 2,520.05 |
| 1/2 | 85.00  | 1/2 | 356.23 | 1/2 | 627.49 | 1/2 | 898.17   | 1/2 | 1,169.43 | 1/2 | 1,440.69 | 1/2 | 1,711.95 | 1/2 | 1,983.22 | 1/2 | 2,254.47 | 1/2 | 2,525.70 |
| 3/4 | 90.64  | 3/4 | 361.88 | 3/4 | 633.14 | 3/4 | 903.82   | 3/4 | 1,175.08 | 3/4 | 1,446.34 | 3/4 | 1,717.60 | 3/4 | 1,988.87 | 3/4 | 2,260.12 | 3/4 | 2,531.35 |
| 4   | 96.29  | 4   | 367.54 | 4   | 638.79 | 4   | 909.47   | 4   | 1,180.73 | 4   | 1,451.99 | 4   | 1,723.26 | 4   | 1,994.52 | 4   | 2,265.77 | 4   | 2,537.01 |
| 1/4 | 101.94 | 1/4 | 373.19 | 1/4 | 644.44 | 1/4 | 915.12   | 1/4 | 1,186.38 | 1/4 | 1,457.65 | 1/4 | 1,728.91 | 1/4 | 2,000.17 | 1/4 | 2,271.42 | 1/4 | 2,542.66 |
| 1/2 | 107.59 | 1/2 | 378.84 | 1/2 | 650.08 | 1/2 | 920.77   | 1/2 | 1,192.03 | 1/2 | 1,463.30 | 1/2 | 1,734.56 | 1/2 | 2,005.82 | 1/2 | 2,277.07 | 1/2 | 2,548.31 |
| 3/4 | 113.24 | 3/4 | 384.49 | 3/4 | 655.73 | 3/4 | 926.42   | 3/4 | 1,197.69 | 3/4 | 1,468.95 | 3/4 | 1,740.21 | 3/4 | 2,011.47 | 3/4 | 2,282.72 | 3/4 | 2,553.96 |
| 5   | 118.89 | 5   | 390.14 | 5   | 661.38 | 5   | 932.07   | 5   | 1,203.34 | 5   | 1,474.60 | 5   | 1,745.86 | 5   | 2,017.12 | 5   | 2,288.37 | 5   | 2,559.61 |
| 1/4 | 124.54 | 1/4 | 395.79 | 1/4 | 667.01 | 1/4 | 937.73   | 1/4 | 1,208.99 | 1/4 | 1,480.25 | 1/4 | 1,751.51 | 1/4 | 2,022.78 | 1/4 | 2,294.02 | 1/4 | 2,565.26 |
| 1/2 | 130.19 | 1/2 | 401.44 | 1/2 | 672.65 | 1/2 | 943.38   | 1/2 | 1,214.64 | 1/2 | 1,485.90 | 1/2 | 1,757.16 | 1/2 | 2,028.43 | 1/2 | 2,299.67 | 1/2 | 2,570.91 |
| 3/4 | 135.84 | 3/4 | 407.09 | 3/4 | 678.28 | 3/4 | 949.03   | 3/4 | 1,220.29 | 3/4 | 1,491.55 | 3/4 | 1,762.82 | 3/4 | 2,034.08 | 3/4 | 2,305.32 | 3/4 | 2,576.56 |
| 6   | 141.49 | 6   | 412.74 | 6   | 683.92 | 6   | 954.68   | 6   | 1,225.94 | 6   | 1,497.20 | 6   | 1,768.47 | 6   | 2,039.73 | 6   | 2,310.97 | 6   | 2,582.21 |
| 1/4 | 147.14 | 1/4 | 418.40 | 1/4 | 689.55 | 1/4 | 960.33   | 1/4 | 1,231.59 | 1/4 | 1,502.86 | 1/4 | 1,774.12 | 1/4 | 2,045.38 | 1/4 | 2,316.62 | 1/4 | 2,587.86 |
| 1/2 | 152.79 | 1/2 | 424.05 | 1/2 | 695.19 | 1/2 | 965.98   | 1/2 | 1,237.24 | 1/2 | 1,508.51 | 1/2 | 1,779.77 | 1/2 | 2,051.03 | 1/2 | 2,322.27 | 1/2 | 2,593.51 |
| 3/4 | 158.45 | 3/4 | 429.70 | 3/4 | 700.82 | 3/4 | 971.63   | 3/4 | 1,242.90 | 3/4 | 1,514.16 | 3/4 | 1,785.42 | 3/4 | 2,056.68 | 3/4 | 2,327.92 | 3/4 | 2,599.16 |
| 7   | 164.10 | 7   | 435.35 | 7   | 706.46 | 7   | 977.28   | 7   | 1,248.55 | 7   | 1,519.81 | 7   | 1,791.07 | 7   | 2,062.33 | 7   | 2,333.57 | 7   | 2,604.81 |
| 1/4 | 169.75 | 1/4 | 441.00 | 1/4 | 712.10 | 1/4 | 982.94   | 1/4 | 1,254.20 | 1/4 | 1,525.46 | 1/4 | 1,796.72 | 1/4 | 2,067.99 | 1/4 | 2,339.23 | 1/4 | 2,610.46 |
| 1/2 | 175.40 | 1/2 | 446.65 | 1/2 | 717.73 | 1/2 | 988.59   | 1/2 | 1,259.85 | 1/2 | 1,531.11 | 1/2 | 1,802.37 | 1/2 | 2,073.64 | 1/2 | 2,344.88 | 1/2 | 2,616.11 |
| 3/4 | 181.05 | 3/4 | 452.30 | 3/4 | 723.37 | 3/4 | 994.24   | 3/4 | 1,265.50 | 3/4 | 1,536.76 | 3/4 | 1,808.03 | 3/4 | 2,079.29 | 3/4 | 2,350.53 | 3/4 | 2,621.76 |
| 8   | 186.70 | 8   | 457.95 | 8   | 729.00 | 8   | 999.89   | 8   | 1,271.15 | 8   | 1,542.41 | 8   | 1,813.68 | 8   | 2,084.94 | 8   | 2,356.18 | 8   | 2,627.41 |
| 1/4 | 192.35 | 1/4 | 463.60 | 1/4 | 734.64 | 1/4 | 1,005.54 | 1/4 | 1,276.80 | 1/4 | 1,548.07 | 1/4 | 1,819.33 | 1/4 | 2,090.59 | 1/4 | 2,361.83 | 1/4 | 2,633.06 |
| 1/2 | 198.00 | 1/2 | 469.26 | 1/2 | 740.27 | 1/2 | 1,011.19 | 1/2 | 1,282.45 | 1/2 | 1,553.72 | 1/2 | 1,824.98 | 1/2 | 2,096.25 | 1/2 | 2,367.48 | 1/2 | 2,638.71 |
| 3/4 | 203.65 | 3/4 | 474.91 | 3/4 | 745.91 | 3/4 | 1,016.84 | 3/4 | 1,288.11 | 3/4 | 1,559.37 | 3/4 | 1,830.63 | 3/4 | 2,101.90 | 3/4 | 2,373.13 | 3/4 | 2,644.36 |
| 9   | 209.31 | 9   | 480.56 | 9   | 751.54 | 9   | 1,022.49 | 9   | 1,293.76 | 9   | 1,565.02 | 9   | 1,836.28 | 9   | 2,107.55 | 9   | 2,378.78 | 9   | 2,650.01 |
| 1/4 | 214.96 | 1/4 | 486.21 | 1/4 | 757.18 | 1/4 | 1,028.15 | 1/4 | 1,299.41 | 1/4 | 1,570.67 | 1/4 | 1,841.93 | 1/4 | 2,113.20 | 1/4 | 2,384.43 | 1/4 | 2,655.66 |
| 1/2 | 220.61 | 1/2 | 491.86 | 1/2 | 762.81 | 1/2 | 1,033.80 | 1/2 | 1,305.06 | 1/2 | 1,576.32 | 1/2 | 1,847.58 | 1/2 | 2,118.85 | 1/2 | 2,390.08 | 1/2 | 2,661.31 |
| 3/4 | 226.26 | 3/4 | 497.51 | 3/4 | 768.45 | 3/4 | 1,039.45 | 3/4 | 1,310.71 | 3/4 | 1,581.97 | 3/4 | 1,853.24 | 3/4 | 2,124.50 | 3/4 | 2,395.73 | 3/4 | 2,666.96 |
| 10  | 231.91 | 10  | 503.16 | 10  | 774.08 | 10  | 1,045.10 | 10  | 1,316.36 | 10  | 1,587.62 | 10  | 1,858.89 | 10  | 2,130.15 | 10  | 2,401.38 | 10  | 2,672.61 |
| 1/4 | 237.56 | 1/4 | 508.81 | 1/4 | 779.72 | 1/4 | 1,050.75 | 1/4 | 1,322.01 | 1/4 | 1,593.28 | 1/4 | 1,864.54 | 1/4 | 2,135.80 | 1/4 | 2,407.03 | 1/4 | 2,678.26 |
| 1/2 | 243.21 | 1/2 | 514.46 | 1/2 | 785.35 | 1/2 | 1,056.40 | 1/2 | 1,327.67 | 1/2 | 1,598.93 | 1/2 | 1,870.19 | 1/2 | 2,141.45 | 1/2 | 2,412.68 | 1/2 | 2,683.91 |
| 3/4 | 248.86 | 3/4 | 520.12 | 3/4 | 790.99 | 3/4 | 1,062.05 | 3/4 | 1,333.32 | 3/4 | 1,604.58 | 3/4 | 1,875.84 | 3/4 | 2,147.10 | 3/4 | 2,418.34 | 3/4 | 2,689.56 |
| 11  | 254.51 | 11  | 525.77 | 11  | 796.62 | 11  | 1,067.71 | 11  | 1,338.97 | 11  | 1,610.23 | 11  | 1,881.49 | 11  | 2,152.75 | 11  | 2,423.99 | 11  | 2,695.21 |
| 1/4 | 260.17 | 1/4 | 531.42 | 1/4 | 802.26 | 1/4 | 1,073.36 | 1/4 | 1,344.62 | 1/4 | 1,615.88 | 1/4 | 1,887.14 | 1/4 | 2,158.40 | 1/4 | 2,429.64 | 1/4 | 2,700.86 |
| 1/2 | 265.82 | 1/2 | 537.07 | 1/2 | 807.90 | 1/2 | 1,079.01 | 1/2 | 1,350.27 | 1/2 | 1,621.53 | 1/2 | 1,892.80 | 1/2 | 2,164.05 | 1/2 | 2,435.29 | 1/2 | 2,706.51 |
| 3/4 | 271.47 | 3/4 | 542.72 | 3/4 | 813.53 | 3/4 | 1,084.66 | 3/4 | 1,355.92 | 3/4 | 1,627.18 | 3/4 | 1,898.45 | 3/4 | 2,169.70 | 3/4 | 2,440.94 | 3/4 | 2,712.16 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

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# BARGE "MPC 956"

## 1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,717.81 | 0   | 2,989.02 | 0   | 3,259.63 | 0   | 3,530.06 | 0   | 3,799.94 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,723.46 | 1/4 | 2,994.67 | 1/4 | 3,265.27 | 1/4 | 3,535.69 | 1/4 | 3,804.94 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,729.11 | 1/2 | 3,000.32 | 1/2 | 3,270.90 | 1/2 | 3,541.33 | 1/2 | 3,809.94 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,734.76 | 3/4 | 3,005.97 | 3/4 | 3,276.53 | 3/4 | 3,546.96 | 3/4 | 3,814.94 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,740.41 | 1   | 3,011.62 | 1   | 3,282.17 | 1   | 3,552.60 | 1   | 3,819.94 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,746.06 | 1/4 | 3,017.27 | 1/4 | 3,287.80 | 1/4 | 3,558.23 | 1/4 | 3,824.06 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,751.71 | 1/2 | 3,022.92 | 1/2 | 3,293.44 | 1/2 | 3,563.86 | 1/2 | 3,828.17 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,757.36 | 3/4 | 3,028.57 | 3/4 | 3,299.07 | 3/4 | 3,569.50 | 3/4 | 3,832.28 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,763.01 | 2   | 3,034.22 | 2   | 3,304.70 | 2   | 3,575.13 | 2   | 3,836.39 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,768.66 | 1/4 | 3,039.87 | 1/4 | 3,310.34 | 1/4 | 3,580.76 | 1/4 | 3,839.69 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,774.31 | 1/2 | 3,045.52 | 1/2 | 3,315.97 | 1/2 | 3,586.40 | 1/2 | 3,842.99 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,779.96 | 3/4 | 3,051.16 | 3/4 | 3,321.61 | 3/4 | 3,592.03 | 3/4 | 3,846.30 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,785.61 | 3   | 3,056.81 | 3   | 3,327.24 | 3   | 3,597.67 | 3   | 3,849.60 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,791.26 | 1/4 | 3,062.45 | 1/4 | 3,332.87 | 1/4 | 3,603.30 | 1/4 | 3,852.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,796.91 | 1/2 | 3,068.08 | 1/2 | 3,338.51 | 1/2 | 3,608.93 | 1/2 | 3,854.59 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,802.56 | 3/4 | 3,073.71 | 3/4 | 3,344.14 | 3/4 | 3,614.57 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,808.21 | 4   | 3,079.35 | 4   | 3,349.77 | 4   | 3,620.20 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,813.87 | 1/4 | 3,084.98 | 1/4 | 3,355.41 | 1/4 | 3,625.84 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,819.52 | 1/2 | 3,090.62 | 1/2 | 3,361.04 | 1/2 | 3,631.47 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,825.17 | 3/4 | 3,096.25 | 3/4 | 3,366.68 | 3/4 | 3,637.10 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,830.82 | 5   | 3,101.88 | 5   | 3,372.31 | 5   | 3,642.74 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,836.47 | 1/4 | 3,107.52 | 1/4 | 3,377.94 | 1/4 | 3,648.37 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,842.12 | 1/2 | 3,113.15 | 1/2 | 3,383.58 | 1/2 | 3,654.01 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,847.77 | 3/4 | 3,118.79 | 3/4 | 3,389.21 | 3/4 | 3,659.64 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,853.42 | 6   | 3,124.42 | 6   | 3,394.85 | 6   | 3,665.27 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,859.07 | 1/4 | 3,130.05 | 1/4 | 3,400.48 | 1/4 | 3,670.91 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,864.72 | 1/2 | 3,135.69 | 1/2 | 3,406.11 | 1/2 | 3,676.54 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,870.37 | 3/4 | 3,141.32 | 3/4 | 3,411.75 | 3/4 | 3,682.17 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,876.02 | 7   | 3,146.95 | 7   | 3,417.38 | 7   | 3,687.81 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,881.67 | 1/4 | 3,152.59 | 1/4 | 3,423.02 | 1/4 | 3,693.44 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,887.32 | 1/2 | 3,158.22 | 1/2 | 3,428.65 | 1/2 | 3,699.08 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,892.97 | 3/4 | 3,163.86 | 3/4 | 3,434.28 | 3/4 | 3,704.71 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,898.62 | 8   | 3,169.49 | 8   | 3,439.92 | 8   | 3,710.34 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,904.27 | 1/4 | 3,175.12 | 1/4 | 3,445.55 | 1/4 | 3,715.98 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,909.92 | 1/2 | 3,180.76 | 1/2 | 3,451.19 | 1/2 | 3,721.61 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,915.57 | 3/4 | 3,186.39 | 3/4 | 3,456.82 | 3/4 | 3,727.25 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,921.22 | 9   | 3,192.03 | 9   | 3,462.45 | 9   | 3,732.88 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,926.87 | 1/4 | 3,197.66 | 1/4 | 3,468.09 | 1/4 | 3,738.51 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,932.52 | 1/2 | 3,203.29 | 1/2 | 3,473.72 | 1/2 | 3,744.14 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,938.17 | 3/4 | 3,208.93 | 3/4 | 3,479.35 | 3/4 | 3,749.77 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,943.82 | 10  | 3,214.56 | 10  | 3,484.99 | 10  | 3,755.40 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,949.47 | 1/4 | 3,220.20 | 1/4 | 3,490.62 | 1/4 | 3,761.03 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,955.12 | 1/2 | 3,225.83 | 1/2 | 3,496.26 | 1/2 | 3,766.65 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,960.77 | 3/4 | 3,231.46 | 3/4 | 3,501.89 | 3/4 | 3,772.27 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,966.42 | 11  | 3,237.10 | 11  | 3,507.52 | 11  | 3,777.89 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,972.07 | 1/4 | 3,242.73 | 1/4 | 3,513.16 | 1/4 | 3,783.40 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,977.72 | 1/2 | 3,248.36 | 1/2 | 3,518.79 | 1/2 | 3,788.92 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,983.37 | 3/4 | 3,254.00 | 3/4 | 3,524.43 | 3/4 | 3,794.43 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2014 CL  
CALCULATED: 07/22/2014 CL  
PRINTED: 07/22/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "MPC 956"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.19  | 0   | 276.94 | 0   | 548.02 | 0   | 817.57   | 0   | 1,087.83 | 0   | 1,358.90 | 0   | 1,629.97 | 0   | 1,901.04 | 0   | 2,172.10 | 0   | 2,443.14 |
| 1/4 | 19.07  | 1/4 | 282.59 | 1/4 | 553.67 | 1/4 | 823.17   | 1/4 | 1,093.48 | 1/4 | 1,364.55 | 1/4 | 1,635.62 | 1/4 | 1,906.69 | 1/4 | 2,177.75 | 1/4 | 2,448.79 |
| 1/2 | 22.95  | 1/2 | 288.24 | 1/2 | 559.32 | 1/2 | 828.76   | 1/2 | 1,099.12 | 1/2 | 1,370.19 | 1/2 | 1,641.27 | 1/2 | 1,912.34 | 1/2 | 2,183.39 | 1/2 | 2,454.44 |
| 3/4 | 26.84  | 3/4 | 293.88 | 3/4 | 564.96 | 3/4 | 834.36   | 3/4 | 1,104.77 | 3/4 | 1,375.84 | 3/4 | 1,646.91 | 3/4 | 1,917.98 | 3/4 | 2,189.04 | 3/4 | 2,460.08 |
| 1   | 30.72  | 1   | 299.53 | 1   | 570.61 | 1   | 839.96   | 1   | 1,110.42 | 1   | 1,381.49 | 1   | 1,652.56 | 1   | 1,923.63 | 1   | 2,194.69 | 1   | 2,465.73 |
| 1/4 | 35.83  | 1/4 | 305.18 | 1/4 | 576.26 | 1/4 | 845.56   | 1/4 | 1,116.07 | 1/4 | 1,387.14 | 1/4 | 1,658.21 | 1/4 | 1,929.28 | 1/4 | 2,200.34 | 1/4 | 2,471.38 |
| 1/2 | 40.94  | 1/2 | 310.83 | 1/2 | 581.91 | 1/2 | 851.16   | 1/2 | 1,121.71 | 1/2 | 1,392.78 | 1/2 | 1,663.85 | 1/2 | 1,934.92 | 1/2 | 2,205.98 | 1/2 | 2,477.02 |
| 3/4 | 46.05  | 3/4 | 316.47 | 3/4 | 587.55 | 3/4 | 856.76   | 3/4 | 1,127.36 | 3/4 | 1,398.43 | 3/4 | 1,669.50 | 3/4 | 1,940.57 | 3/4 | 2,211.63 | 3/4 | 2,482.67 |
| 2   | 51.16  | 2   | 322.12 | 2   | 593.20 | 2   | 862.37   | 2   | 1,133.01 | 2   | 1,404.08 | 2   | 1,675.15 | 2   | 1,946.22 | 2   | 2,217.28 | 2   | 2,488.32 |
| 1/4 | 56.79  | 1/4 | 327.77 | 1/4 | 598.85 | 1/4 | 867.97   | 1/4 | 1,138.66 | 1/4 | 1,409.73 | 1/4 | 1,680.80 | 1/4 | 1,951.87 | 1/4 | 2,222.92 | 1/4 | 2,493.96 |
| 1/2 | 62.41  | 1/2 | 333.42 | 1/2 | 604.50 | 1/2 | 873.57   | 1/2 | 1,144.30 | 1/2 | 1,415.37 | 1/2 | 1,686.44 | 1/2 | 1,957.51 | 1/2 | 2,228.57 | 1/2 | 2,499.61 |
| 3/4 | 68.04  | 3/4 | 339.06 | 3/4 | 610.14 | 3/4 | 879.18   | 3/4 | 1,149.95 | 3/4 | 1,421.02 | 3/4 | 1,692.09 | 3/4 | 1,963.16 | 3/4 | 2,234.22 | 3/4 | 2,505.26 |
| 3   | 73.66  | 3   | 344.71 | 3   | 615.79 | 3   | 884.78   | 3   | 1,155.60 | 3   | 1,426.67 | 3   | 1,697.74 | 3   | 1,968.81 | 3   | 2,239.86 | 3   | 2,510.90 |
| 1/4 | 79.30  | 1/4 | 350.36 | 1/4 | 621.44 | 1/4 | 890.39   | 1/4 | 1,161.24 | 1/4 | 1,432.32 | 1/4 | 1,703.39 | 1/4 | 1,974.46 | 1/4 | 2,245.51 | 1/4 | 2,516.55 |
| 1/2 | 84.94  | 1/2 | 356.01 | 1/2 | 627.09 | 1/2 | 896.00   | 1/2 | 1,166.89 | 1/2 | 1,437.96 | 1/2 | 1,709.03 | 1/2 | 1,980.10 | 1/2 | 2,251.16 | 1/2 | 2,522.20 |
| 3/4 | 90.58  | 3/4 | 361.65 | 3/4 | 632.73 | 3/4 | 901.61   | 3/4 | 1,172.54 | 3/4 | 1,443.61 | 3/4 | 1,714.68 | 3/4 | 1,985.75 | 3/4 | 2,256.80 | 3/4 | 2,527.85 |
| 4   | 96.22  | 4   | 367.30 | 4   | 638.38 | 4   | 907.23   | 4   | 1,178.19 | 4   | 1,449.26 | 4   | 1,720.33 | 4   | 1,991.40 | 4   | 2,262.45 | 4   | 2,533.49 |
| 1/4 | 101.87 | 1/4 | 372.95 | 1/4 | 644.02 | 1/4 | 912.85   | 1/4 | 1,183.83 | 1/4 | 1,454.90 | 1/4 | 1,725.97 | 1/4 | 1,997.05 | 1/4 | 2,268.10 | 1/4 | 2,539.14 |
| 1/2 | 107.52 | 1/2 | 378.60 | 1/2 | 649.65 | 1/2 | 918.47   | 1/2 | 1,189.48 | 1/2 | 1,460.55 | 1/2 | 1,731.62 | 1/2 | 2,002.69 | 1/2 | 2,273.74 | 1/2 | 2,544.79 |
| 3/4 | 113.16 | 3/4 | 384.24 | 3/4 | 655.28 | 3/4 | 924.09   | 3/4 | 1,195.13 | 3/4 | 1,466.20 | 3/4 | 1,737.27 | 3/4 | 2,008.34 | 3/4 | 2,279.39 | 3/4 | 2,550.43 |
| 5   | 118.81 | 5   | 389.89 | 5   | 660.92 | 5   | 929.71   | 5   | 1,200.78 | 5   | 1,471.85 | 5   | 1,742.92 | 5   | 2,013.99 | 5   | 2,285.04 | 5   | 2,556.08 |
| 1/4 | 124.46 | 1/4 | 395.54 | 1/4 | 666.51 | 1/4 | 935.35   | 1/4 | 1,206.42 | 1/4 | 1,477.49 | 1/4 | 1,748.56 | 1/4 | 2,019.63 | 1/4 | 2,290.68 | 1/4 | 2,561.72 |
| 1/2 | 130.11 | 1/2 | 401.19 | 1/2 | 672.11 | 1/2 | 941.00   | 1/2 | 1,212.07 | 1/2 | 1,483.14 | 1/2 | 1,754.21 | 1/2 | 2,025.28 | 1/2 | 2,296.33 | 1/2 | 2,567.37 |
| 3/4 | 135.75 | 3/4 | 406.83 | 3/4 | 677.70 | 3/4 | 946.65   | 3/4 | 1,217.72 | 3/4 | 1,488.79 | 3/4 | 1,759.86 | 3/4 | 2,030.93 | 3/4 | 2,301.98 | 3/4 | 2,573.02 |
| 6   | 141.40 | 6   | 412.48 | 6   | 683.30 | 6   | 952.29   | 6   | 1,223.37 | 6   | 1,494.44 | 6   | 1,765.51 | 6   | 2,036.58 | 6   | 2,307.62 | 6   | 2,578.66 |
| 1/4 | 147.05 | 1/4 | 418.13 | 1/4 | 688.89 | 1/4 | 957.94   | 1/4 | 1,229.01 | 1/4 | 1,500.08 | 1/4 | 1,771.15 | 1/4 | 2,042.22 | 1/4 | 2,313.27 | 1/4 | 2,584.31 |
| 1/2 | 152.70 | 1/2 | 423.78 | 1/2 | 694.49 | 1/2 | 963.59   | 1/2 | 1,234.66 | 1/2 | 1,505.73 | 1/2 | 1,776.80 | 1/2 | 2,047.87 | 1/2 | 2,318.92 | 1/2 | 2,589.96 |
| 3/4 | 158.34 | 3/4 | 429.42 | 3/4 | 700.08 | 3/4 | 969.24   | 3/4 | 1,240.31 | 3/4 | 1,511.38 | 3/4 | 1,782.45 | 3/4 | 2,053.52 | 3/4 | 2,324.56 | 3/4 | 2,595.60 |
| 7   | 163.99 | 7   | 435.07 | 7   | 705.68 | 7   | 974.88   | 7   | 1,245.95 | 7   | 1,517.02 | 7   | 1,788.10 | 7   | 2,059.17 | 7   | 2,330.21 | 7   | 2,601.25 |
| 1/4 | 169.64 | 1/4 | 440.72 | 1/4 | 711.27 | 1/4 | 980.53   | 1/4 | 1,251.60 | 1/4 | 1,522.67 | 1/4 | 1,793.74 | 1/4 | 2,064.81 | 1/4 | 2,335.86 | 1/4 | 2,606.89 |
| 1/2 | 175.29 | 1/2 | 446.37 | 1/2 | 716.86 | 1/2 | 986.18   | 1/2 | 1,257.25 | 1/2 | 1,528.32 | 1/2 | 1,799.39 | 1/2 | 2,070.46 | 1/2 | 2,341.50 | 1/2 | 2,612.54 |
| 3/4 | 180.93 | 3/4 | 452.01 | 3/4 | 722.46 | 3/4 | 991.83   | 3/4 | 1,262.90 | 3/4 | 1,533.97 | 3/4 | 1,805.04 | 3/4 | 2,076.11 | 3/4 | 2,347.15 | 3/4 | 2,618.19 |
| 8   | 186.58 | 8   | 457.66 | 8   | 728.05 | 8   | 997.47   | 8   | 1,268.54 | 8   | 1,539.61 | 8   | 1,810.68 | 8   | 2,081.75 | 8   | 2,352.80 | 8   | 2,623.83 |
| 1/4 | 192.23 | 1/4 | 463.31 | 1/4 | 733.65 | 1/4 | 1,003.12 | 1/4 | 1,274.19 | 1/4 | 1,545.26 | 1/4 | 1,816.33 | 1/4 | 2,087.40 | 1/4 | 2,358.44 | 1/4 | 2,629.48 |
| 1/2 | 197.88 | 1/2 | 468.96 | 1/2 | 739.24 | 1/2 | 1,008.77 | 1/2 | 1,279.84 | 1/2 | 1,550.91 | 1/2 | 1,821.98 | 1/2 | 2,093.05 | 1/2 | 2,364.09 | 1/2 | 2,635.13 |
| 3/4 | 203.52 | 3/4 | 474.60 | 3/4 | 744.84 | 3/4 | 1,014.42 | 3/4 | 1,285.49 | 3/4 | 1,556.56 | 3/4 | 1,827.63 | 3/4 | 2,098.69 | 3/4 | 2,369.74 | 3/4 | 2,640.77 |
| 9   | 209.17 | 9   | 480.25 | 9   | 750.43 | 9   | 1,020.06 | 9   | 1,291.13 | 9   | 1,562.20 | 9   | 1,833.27 | 9   | 2,104.34 | 9   | 2,375.38 | 9   | 2,646.42 |
| 1/4 | 214.82 | 1/4 | 485.90 | 1/4 | 756.03 | 1/4 | 1,025.71 | 1/4 | 1,296.78 | 1/4 | 1,567.85 | 1/4 | 1,838.92 | 1/4 | 2,109.99 | 1/4 | 2,381.03 | 1/4 | 2,652.06 |
| 1/2 | 220.47 | 1/2 | 491.55 | 1/2 | 761.62 | 1/2 | 1,031.36 | 1/2 | 1,302.43 | 1/2 | 1,573.50 | 1/2 | 1,844.57 | 1/2 | 2,115.63 | 1/2 | 2,386.68 | 1/2 | 2,657.71 |
| 3/4 | 226.11 | 3/4 | 497.19 | 3/4 | 767.22 | 3/4 | 1,037.00 | 3/4 | 1,308.07 | 3/4 | 1,579.15 | 3/4 | 1,850.22 | 3/4 | 2,121.28 | 3/4 | 2,392.32 | 3/4 | 2,663.36 |
| 10  | 231.76 | 10  | 502.84 | 10  | 772.81 | 10  | 1,042.65 | 10  | 1,313.72 | 10  | 1,584.79 | 10  | 1,855.86 | 10  | 2,126.93 | 10  | 2,397.97 | 10  | 2,669.00 |
| 1/4 | 237.41 | 1/4 | 508.49 | 1/4 | 778.41 | 1/4 | 1,048.30 | 1/4 | 1,319.37 | 1/4 | 1,590.44 | 1/4 | 1,861.51 | 1/4 | 2,132.57 | 1/4 | 2,403.62 | 1/4 | 2,674.65 |
| 1/2 | 243.06 | 1/2 | 514.14 | 1/2 | 784.00 | 1/2 | 1,053.95 | 1/2 | 1,325.02 | 1/2 | 1,596.09 | 1/2 | 1,867.16 | 1/2 | 2,138.22 | 1/2 | 2,409.26 | 1/2 | 2,680.29 |
| 3/4 | 248.70 | 3/4 | 519.78 | 3/4 | 789.60 | 3/4 | 1,059.59 | 3/4 | 1,330.66 | 3/4 | 1,601.73 | 3/4 | 1,872.80 | 3/4 | 2,143.87 | 3/4 | 2,414.91 | 3/4 | 2,685.94 |
| 11  | 254.35 | 11  | 525.43 | 11  | 795.19 | 11  | 1,065.24 | 11  | 1,336.31 | 11  | 1,607.38 | 11  | 1,878.45 | 11  | 2,149.51 | 11  | 2,420.56 | 11  | 2,691.59 |
| 1/4 | 260.00 | 1/4 | 531.08 | 1/4 | 800.79 | 1/4 | 1,070.89 | 1/4 | 1,341.96 | 1/4 | 1,613.03 | 1/4 | 1,884.10 | 1/4 | 2,155.16 | 1/4 | 2,426.20 | 1/4 | 2,697.23 |
| 1/2 | 265.65 | 1/2 | 536.73 | 1/2 | 806.38 | 1/2 | 1,076.54 | 1/2 | 1,347.61 | 1/2 | 1,618.68 | 1/2 | 1,889.75 | 1/2 | 2,160.81 | 1/2 | 2,431.85 | 1/2 | 2,702.88 |
| 3/4 | 271.29 | 3/4 | 542.37 | 3/4 | 811.98 | 3/4 | 1,082.18 | 3/4 | 1,353.25 | 3/4 | 1,624.32 | 3/4 | 1,895.39 | 3/4 | 2,166.45 | 3/4 | 2,437.50 | 3/4 | 2,708.53 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 30'-03" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MPC 956"

## 1 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07"

| 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   | 2,714.17 | 0   | 2,985.19 | 0   | 3,255.61 | 0   | 3,525.84 | 0   | 3,795.53 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,719.82 | 1/4 | 2,990.84 | 1/4 | 3,261.24 | 1/4 | 3,531.47 | 1/4 | 3,800.53 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,725.46 | 1/2 | 2,996.48 | 1/2 | 3,266.87 | 1/2 | 3,537.10 | 1/2 | 3,805.53 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,731.11 | 3/4 | 3,002.13 | 3/4 | 3,272.50 | 3/4 | 3,542.73 | 3/4 | 3,810.52 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,736.76 | 1   | 3,007.77 | 1   | 3,278.13 | 1   | 3,548.36 | 1   | 3,815.52 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,742.40 | 1/4 | 3,013.42 | 1/4 | 3,283.76 | 1/4 | 3,553.99 | 1/4 | 3,819.63 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,748.05 | 1/2 | 3,019.07 | 1/2 | 3,289.39 | 1/2 | 3,559.62 | 1/2 | 3,823.73 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,753.70 | 3/4 | 3,024.71 | 3/4 | 3,295.02 | 3/4 | 3,565.25 | 3/4 | 3,827.84 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,759.34 | 2   | 3,030.36 | 2   | 3,300.65 | 2   | 3,570.88 | 2   | 3,831.95 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,764.99 | 1/4 | 3,036.00 | 1/4 | 3,306.28 | 1/4 | 3,576.51 | 1/4 | 3,835.25 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,770.63 | 1/2 | 3,041.64 | 1/2 | 3,311.91 | 1/2 | 3,582.14 | 1/2 | 3,838.55 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,776.28 | 3/4 | 3,047.29 | 3/4 | 3,317.54 | 3/4 | 3,587.77 | 3/4 | 3,841.85 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,781.93 | 3   | 3,052.93 | 3   | 3,323.17 | 3   | 3,593.40 | 3   | 3,845.15 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,787.57 | 1/4 | 3,058.56 | 1/4 | 3,328.80 | 1/4 | 3,599.03 | 1/4 | 3,847.64 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,793.22 | 1/2 | 3,064.19 | 1/2 | 3,334.42 | 1/2 | 3,604.66 | 1/2 | 3,850.14 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,798.86 | 3/4 | 3,069.82 | 3/4 | 3,340.05 | 3/4 | 3,610.29 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,804.51 | 4   | 3,075.45 | 4   | 3,345.68 | 4   | 3,615.92 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,810.16 | 1/4 | 3,081.08 | 1/4 | 3,351.31 | 1/4 | 3,621.55 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,815.80 | 1/2 | 3,086.71 | 1/2 | 3,356.94 | 1/2 | 3,627.18 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,821.45 | 3/4 | 3,092.34 | 3/4 | 3,362.57 | 3/4 | 3,632.81 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,827.10 | 5   | 3,097.97 | 5   | 3,368.20 | 5   | 3,638.44 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,832.74 | 1/4 | 3,103.60 | 1/4 | 3,373.83 | 1/4 | 3,644.07 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,838.39 | 1/2 | 3,109.23 | 1/2 | 3,379.46 | 1/2 | 3,649.70 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,844.03 | 3/4 | 3,114.86 | 3/4 | 3,385.09 | 3/4 | 3,655.33 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,849.68 | 6   | 3,120.49 | 6   | 3,390.72 | 6   | 3,660.96 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,855.33 | 1/4 | 3,126.12 | 1/4 | 3,396.35 | 1/4 | 3,666.59 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,860.97 | 1/2 | 3,131.75 | 1/2 | 3,401.98 | 1/2 | 3,672.22 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,866.62 | 3/4 | 3,137.38 | 3/4 | 3,407.61 | 3/4 | 3,677.85 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,872.27 | 7   | 3,143.01 | 7   | 3,413.24 | 7   | 3,683.48 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,877.91 | 1/4 | 3,148.64 | 1/4 | 3,418.87 | 1/4 | 3,689.11 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,883.56 | 1/2 | 3,154.27 | 1/2 | 3,424.50 | 1/2 | 3,694.74 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,889.20 | 3/4 | 3,159.90 | 3/4 | 3,430.13 | 3/4 | 3,700.37 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,894.85 | 8   | 3,165.53 | 8   | 3,435.76 | 8   | 3,706.00 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,900.50 | 1/4 | 3,171.16 | 1/4 | 3,441.39 | 1/4 | 3,711.63 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,906.14 | 1/2 | 3,176.79 | 1/2 | 3,447.02 | 1/2 | 3,717.26 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,911.79 | 3/4 | 3,182.42 | 3/4 | 3,452.65 | 3/4 | 3,722.89 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,917.44 | 9   | 3,188.05 | 9   | 3,458.28 | 9   | 3,728.52 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,923.08 | 1/4 | 3,193.68 | 1/4 | 3,463.91 | 1/4 | 3,734.15 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,928.73 | 1/2 | 3,199.31 | 1/2 | 3,469.54 | 1/2 | 3,739.77 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,934.37 | 3/4 | 3,204.94 | 3/4 | 3,475.17 | 3/4 | 3,745.40 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,940.02 | 10  | 3,210.57 | 10  | 3,480.80 | 10  | 3,751.03 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,945.67 | 1/4 | 3,216.20 | 1/4 | 3,486.43 | 1/4 | 3,756.64 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,951.31 | 1/2 | 3,221.83 | 1/2 | 3,492.06 | 1/2 | 3,762.26 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,956.96 | 3/4 | 3,227.46 | 3/4 | 3,497.69 | 3/4 | 3,767.88 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,962.60 | 11  | 3,233.09 | 11  | 3,503.32 | 11  | 3,773.50 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,968.25 | 1/4 | 3,238.72 | 1/4 | 3,508.95 | 1/4 | 3,779.00 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,973.90 | 1/2 | 3,244.35 | 1/2 | 3,514.58 | 1/2 | 3,784.51 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,979.54 | 3/4 | 3,249.98 | 3/4 | 3,520.21 | 3/4 | 3,790.02 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2014 CL  
CALCULATED: 07/22/2014 CL  
PRINTED: 07/22/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "MPC 956"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.36  | 0   | 280.13 | 0   | 554.34 | 0   | 828.09   | 0   | 1,102.19 | 0   | 1,376.41 | 0   | 1,650.63 | 0   | 1,924.75 | 0   | 2,198.70 | 0   | 2,472.63 |
| 1/4 | 19.29  | 1/4 | 285.84 | 1/4 | 560.05 | 1/4 | 833.79   | 1/4 | 1,107.90 | 1/4 | 1,382.12 | 1/4 | 1,656.34 | 1/4 | 1,930.46 | 1/4 | 2,204.41 | 1/4 | 2,478.34 |
| 1/2 | 23.22  | 1/2 | 291.56 | 1/2 | 565.76 | 1/2 | 839.49   | 1/2 | 1,113.62 | 1/2 | 1,387.84 | 1/2 | 1,662.05 | 1/2 | 1,936.17 | 1/2 | 2,210.11 | 1/2 | 2,484.04 |
| 3/4 | 27.14  | 3/4 | 297.27 | 3/4 | 571.47 | 3/4 | 845.19   | 3/4 | 1,119.33 | 3/4 | 1,393.55 | 3/4 | 1,667.77 | 3/4 | 1,941.87 | 3/4 | 2,215.82 | 3/4 | 2,489.75 |
| 1   | 31.07  | 1   | 302.98 | 1   | 577.19 | 1   | 850.88   | 1   | 1,125.04 | 1   | 1,399.26 | 1   | 1,673.48 | 1   | 1,947.58 | 1   | 2,221.53 | 1   | 2,495.46 |
| 1/4 | 36.24  | 1/4 | 308.69 | 1/4 | 582.90 | 1/4 | 856.59   | 1/4 | 1,130.75 | 1/4 | 1,404.97 | 1/4 | 1,679.19 | 1/4 | 1,953.29 | 1/4 | 2,227.23 | 1/4 | 2,501.17 |
| 1/2 | 41.41  | 1/2 | 314.41 | 1/2 | 588.61 | 1/2 | 862.29   | 1/2 | 1,136.47 | 1/2 | 1,410.69 | 1/2 | 1,684.91 | 1/2 | 1,959.00 | 1/2 | 2,232.94 | 1/2 | 2,506.87 |
| 3/4 | 46.58  | 3/4 | 320.12 | 3/4 | 594.32 | 3/4 | 868.00   | 3/4 | 1,142.18 | 3/4 | 1,416.40 | 3/4 | 1,690.62 | 3/4 | 1,964.70 | 3/4 | 2,238.65 | 3/4 | 2,512.58 |
| 2   | 51.75  | 2   | 325.83 | 2   | 600.04 | 2   | 873.70   | 2   | 1,147.89 | 2   | 1,422.11 | 2   | 1,696.33 | 2   | 1,970.41 | 2   | 2,244.35 | 2   | 2,518.29 |
| 1/4 | 57.44  | 1/4 | 331.54 | 1/4 | 605.75 | 1/4 | 879.41   | 1/4 | 1,153.61 | 1/4 | 1,427.83 | 1/4 | 1,702.04 | 1/4 | 1,976.12 | 1/4 | 2,250.06 | 1/4 | 2,523.99 |
| 1/2 | 63.13  | 1/2 | 337.26 | 1/2 | 611.46 | 1/2 | 885.11   | 1/2 | 1,159.32 | 1/2 | 1,433.54 | 1/2 | 1,707.76 | 1/2 | 1,981.83 | 1/2 | 2,255.77 | 1/2 | 2,529.70 |
| 3/4 | 68.82  | 3/4 | 342.97 | 3/4 | 617.17 | 3/4 | 890.82   | 3/4 | 1,165.03 | 3/4 | 1,439.25 | 3/4 | 1,713.47 | 3/4 | 1,987.53 | 3/4 | 2,261.48 | 3/4 | 2,535.41 |
| 3   | 74.51  | 3   | 348.68 | 3   | 622.89 | 3   | 896.53   | 3   | 1,170.74 | 3   | 1,444.96 | 3   | 1,719.18 | 3   | 1,993.24 | 3   | 2,267.18 | 3   | 2,541.11 |
| 1/4 | 80.21  | 1/4 | 354.40 | 1/4 | 628.60 | 1/4 | 902.24   | 1/4 | 1,176.46 | 1/4 | 1,450.68 | 1/4 | 1,724.90 | 1/4 | 1,998.95 | 1/4 | 2,272.89 | 1/4 | 2,546.82 |
| 1/2 | 85.92  | 1/2 | 360.11 | 1/2 | 634.31 | 1/2 | 907.95   | 1/2 | 1,182.17 | 1/2 | 1,456.39 | 1/2 | 1,730.61 | 1/2 | 2,004.66 | 1/2 | 2,278.60 | 1/2 | 2,552.53 |
| 3/4 | 91.62  | 3/4 | 365.82 | 3/4 | 640.03 | 3/4 | 913.66   | 3/4 | 1,187.88 | 3/4 | 1,462.10 | 3/4 | 1,736.32 | 3/4 | 2,010.36 | 3/4 | 2,284.30 | 3/4 | 2,558.23 |
| 4   | 97.33  | 4   | 371.53 | 4   | 645.74 | 4   | 919.38   | 4   | 1,193.60 | 4   | 1,467.82 | 4   | 1,742.03 | 4   | 2,016.07 | 4   | 2,290.01 | 4   | 2,563.94 |
| 1/4 | 103.04 | 1/4 | 377.25 | 1/4 | 651.45 | 1/4 | 925.09   | 1/4 | 1,199.31 | 1/4 | 1,473.53 | 1/4 | 1,747.75 | 1/4 | 2,021.78 | 1/4 | 2,295.72 | 1/4 | 2,569.65 |
| 1/2 | 108.75 | 1/2 | 382.96 | 1/2 | 657.16 | 1/2 | 930.80   | 1/2 | 1,205.02 | 1/2 | 1,479.24 | 1/2 | 1,753.46 | 1/2 | 2,027.49 | 1/2 | 2,301.42 | 1/2 | 2,575.35 |
| 3/4 | 114.47 | 3/4 | 388.67 | 3/4 | 662.87 | 3/4 | 936.52   | 3/4 | 1,210.74 | 3/4 | 1,484.95 | 3/4 | 1,759.17 | 3/4 | 2,033.19 | 3/4 | 2,307.13 | 3/4 | 2,581.06 |
| 5   | 120.18 | 5   | 394.38 | 5   | 668.58 | 5   | 942.23   | 5   | 1,216.45 | 5   | 1,490.67 | 5   | 1,764.89 | 5   | 2,038.90 | 5   | 2,312.84 | 5   | 2,586.77 |
| 1/4 | 125.89 | 1/4 | 400.10 | 1/4 | 674.27 | 1/4 | 947.94   | 1/4 | 1,222.16 | 1/4 | 1,496.38 | 1/4 | 1,770.60 | 1/4 | 2,044.61 | 1/4 | 2,318.54 | 1/4 | 2,592.46 |
| 1/2 | 131.60 | 1/2 | 405.81 | 1/2 | 679.97 | 1/2 | 953.65   | 1/2 | 1,227.87 | 1/2 | 1,502.09 | 1/2 | 1,776.31 | 1/2 | 2,050.32 | 1/2 | 2,324.25 | 1/2 | 2,598.16 |
| 3/4 | 137.32 | 3/4 | 411.52 | 3/4 | 685.67 | 3/4 | 959.37   | 3/4 | 1,233.59 | 3/4 | 1,507.81 | 3/4 | 1,782.03 | 3/4 | 2,056.02 | 3/4 | 2,329.96 | 3/4 | 2,603.86 |
| 6   | 143.03 | 6   | 417.23 | 6   | 691.36 | 6   | 965.08   | 6   | 1,239.30 | 6   | 1,513.52 | 6   | 1,787.74 | 6   | 2,061.73 | 6   | 2,335.66 | 6   | 2,609.56 |
| 1/4 | 148.74 | 1/4 | 422.95 | 1/4 | 697.06 | 1/4 | 970.79   | 1/4 | 1,245.01 | 1/4 | 1,519.23 | 1/4 | 1,793.45 | 1/4 | 2,067.44 | 1/4 | 2,341.37 | 1/4 | 2,615.23 |
| 1/2 | 154.45 | 1/2 | 428.66 | 1/2 | 702.76 | 1/2 | 976.51   | 1/2 | 1,250.73 | 1/2 | 1,524.94 | 1/2 | 1,799.16 | 1/2 | 2,073.15 | 1/2 | 2,347.08 | 1/2 | 2,620.90 |
| 3/4 | 160.17 | 3/4 | 434.37 | 3/4 | 708.46 | 3/4 | 982.22   | 3/4 | 1,256.44 | 3/4 | 1,530.66 | 3/4 | 1,804.88 | 3/4 | 2,078.85 | 3/4 | 2,352.79 | 3/4 | 2,626.57 |
| 7   | 165.88 | 7   | 440.08 | 7   | 714.15 | 7   | 987.93   | 7   | 1,262.15 | 7   | 1,536.37 | 7   | 1,810.59 | 7   | 2,084.56 | 7   | 2,358.49 | 7   | 2,632.25 |
| 1/4 | 171.59 | 1/4 | 445.80 | 1/4 | 719.85 | 1/4 | 993.65   | 1/4 | 1,267.86 | 1/4 | 1,542.08 | 1/4 | 1,816.30 | 1/4 | 2,090.27 | 1/4 | 2,364.20 | 1/4 | 2,637.92 |
| 1/2 | 177.30 | 1/2 | 451.51 | 1/2 | 725.55 | 1/2 | 999.36   | 1/2 | 1,273.58 | 1/2 | 1,547.80 | 1/2 | 1,822.01 | 1/2 | 2,095.98 | 1/2 | 2,369.91 | 1/2 | 2,643.59 |
| 3/4 | 183.02 | 3/4 | 457.22 | 3/4 | 731.24 | 3/4 | 1,005.07 | 3/4 | 1,279.29 | 3/4 | 1,553.51 | 3/4 | 1,827.72 | 3/4 | 2,101.68 | 3/4 | 2,375.61 | 3/4 | 2,649.26 |
| 8   | 188.73 | 8   | 462.93 | 8   | 736.94 | 8   | 1,010.78 | 8   | 1,285.00 | 8   | 1,559.22 | 8   | 1,833.43 | 8   | 2,107.39 | 8   | 2,381.32 | 8   | 2,654.94 |
| 1/4 | 194.44 | 1/4 | 468.65 | 1/4 | 742.64 | 1/4 | 1,016.50 | 1/4 | 1,290.72 | 1/4 | 1,564.94 | 1/4 | 1,839.14 | 1/4 | 2,113.10 | 1/4 | 2,387.03 | 1/4 | 2,660.61 |
| 1/2 | 200.15 | 1/2 | 474.36 | 1/2 | 748.33 | 1/2 | 1,022.21 | 1/2 | 1,296.43 | 1/2 | 1,570.65 | 1/2 | 1,844.85 | 1/2 | 2,118.80 | 1/2 | 2,392.73 | 1/2 | 2,666.28 |
| 3/4 | 205.87 | 3/4 | 480.07 | 3/4 | 754.03 | 3/4 | 1,027.92 | 3/4 | 1,302.14 | 3/4 | 1,576.36 | 3/4 | 1,850.55 | 3/4 | 2,124.51 | 3/4 | 2,398.44 | 3/4 | 2,671.95 |
| 9   | 211.58 | 9   | 485.78 | 9   | 759.73 | 9   | 1,033.64 | 9   | 1,307.85 | 9   | 1,582.07 | 9   | 1,856.26 | 9   | 2,130.22 | 9   | 2,404.15 | 9   | 2,677.62 |
| 1/4 | 217.29 | 1/4 | 491.50 | 1/4 | 765.42 | 1/4 | 1,039.35 | 1/4 | 1,313.57 | 1/4 | 1,587.79 | 1/4 | 1,861.97 | 1/4 | 2,135.92 | 1/4 | 2,409.85 | 1/4 | 2,683.30 |
| 1/2 | 223.01 | 1/2 | 497.21 | 1/2 | 771.12 | 1/2 | 1,045.06 | 1/2 | 1,319.28 | 1/2 | 1,593.50 | 1/2 | 1,867.68 | 1/2 | 2,141.63 | 1/2 | 2,415.56 | 1/2 | 2,688.97 |
| 3/4 | 228.72 | 3/4 | 502.92 | 3/4 | 776.82 | 3/4 | 1,050.77 | 3/4 | 1,324.99 | 3/4 | 1,599.21 | 3/4 | 1,873.38 | 3/4 | 2,147.34 | 3/4 | 2,421.27 | 3/4 | 2,694.64 |
| 10  | 234.43 | 10  | 508.64 | 10  | 782.51 | 10  | 1,056.49 | 10  | 1,330.71 | 10  | 1,604.93 | 10  | 1,879.09 | 10  | 2,153.04 | 10  | 2,426.98 | 10  | 2,700.31 |
| 1/4 | 240.14 | 1/4 | 514.35 | 1/4 | 788.21 | 1/4 | 1,062.20 | 1/4 | 1,336.42 | 1/4 | 1,610.64 | 1/4 | 1,884.80 | 1/4 | 2,158.75 | 1/4 | 2,432.68 | 1/4 | 2,705.99 |
| 1/2 | 245.86 | 1/2 | 520.06 | 1/2 | 793.91 | 1/2 | 1,067.91 | 1/2 | 1,342.13 | 1/2 | 1,616.35 | 1/2 | 1,890.51 | 1/2 | 2,164.46 | 1/2 | 2,438.39 | 1/2 | 2,711.66 |
| 3/4 | 251.57 | 3/4 | 525.77 | 3/4 | 799.61 | 3/4 | 1,073.63 | 3/4 | 1,347.84 | 3/4 | 1,622.06 | 3/4 | 1,896.21 | 3/4 | 2,170.16 | 3/4 | 2,444.10 | 3/4 | 2,717.33 |
| 11  | 257.28 | 11  | 531.49 | 11  | 805.30 | 11  | 1,079.34 | 11  | 1,353.56 | 11  | 1,627.78 | 11  | 1,901.92 | 11  | 2,175.87 | 11  | 2,449.80 | 11  | 2,723.00 |
| 1/4 | 262.99 | 1/4 | 537.20 | 1/4 | 811.00 | 1/4 | 1,085.05 | 1/4 | 1,359.27 | 1/4 | 1,633.49 | 1/4 | 1,907.63 | 1/4 | 2,181.58 | 1/4 | 2,455.51 | 1/4 | 2,728.25 |
| 1/2 | 268.71 | 1/2 | 542.91 | 1/2 | 816.70 | 1/2 | 1,090.76 | 1/2 | 1,364.98 | 1/2 | 1,639.20 | 1/2 | 1,913.34 | 1/2 | 2,187.29 | 1/2 | 2,461.22 | 1/2 | 2,733.51 |
| 3/4 | 274.42 | 3/4 | 548.62 | 3/4 | 822.39 | 3/4 | 1,096.48 | 3/4 | 1,370.70 | 3/4 | 1,644.92 | 3/4 | 1,919.04 | 3/4 | 2,192.99 | 3/4 | 2,466.92 | 3/4 | 2,738.76 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT  
& ANALYSIS, INC.

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



# BARGE "MPC 956"

## 2 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,744.01 | 0   | 2,935.46 | 0   | 3,122.21 | 0   | 3,308.56 | 0   | 3,494.36 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,748.00 | 1/4 | 2,939.42 | 1/4 | 3,126.09 | 1/4 | 3,312.45 | 1/4 | 3,497.61 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,751.99 | 1/2 | 2,943.39 | 1/2 | 3,129.98 | 1/2 | 3,316.33 | 1/2 | 3,500.86 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,755.97 | 3/4 | 2,947.35 | 3/4 | 3,133.86 | 3/4 | 3,320.21 | 3/4 | 3,504.11 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,759.96 | 1   | 2,951.32 | 1   | 3,137.74 | 1   | 3,324.09 | 1   | 3,507.36 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,763.95 | 1/4 | 2,955.21 | 1/4 | 3,141.62 | 1/4 | 3,327.97 | 1/4 | 3,509.74 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,767.94 | 1/2 | 2,959.10 | 1/2 | 3,145.51 | 1/2 | 3,331.86 | 1/2 | 3,512.12 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,771.93 | 3/4 | 2,962.99 | 3/4 | 3,149.39 | 3/4 | 3,335.74 | 3/4 | 3,514.49 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,775.92 | 2   | 2,966.89 | 2   | 3,153.27 | 2   | 3,339.62 | 2   | 3,516.87 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,779.91 | 1/4 | 2,970.78 | 1/4 | 3,157.15 | 1/4 | 3,343.50 | 1/4 | 3,518.43 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,783.89 | 1/2 | 2,974.67 | 1/2 | 3,161.04 | 1/2 | 3,347.39 | 1/2 | 3,519.99 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,787.88 | 3/4 | 2,978.56 | 3/4 | 3,164.92 | 3/4 | 3,351.27 | 3/4 | 3,521.55 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,791.87 | 3   | 2,982.45 | 3   | 3,168.80 | 3   | 3,355.15 | 3   | 3,523.11 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,795.86 | 1/4 | 2,986.33 | 1/4 | 3,172.68 | 1/4 | 3,359.03 | 1/4 | 3,523.86 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,799.85 | 1/2 | 2,990.21 | 1/2 | 3,176.56 | 1/2 | 3,362.92 | 1/2 | 3,524.60 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,803.84 | 3/4 | 2,994.10 | 3/4 | 3,180.45 | 3/4 | 3,366.80 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,807.82 | 4   | 2,997.98 | 4   | 3,184.33 | 4   | 3,370.68 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,811.81 | 1/4 | 3,001.86 | 1/4 | 3,188.21 | 1/4 | 3,374.56 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,815.80 | 1/2 | 3,005.74 | 1/2 | 3,192.09 | 1/2 | 3,378.44 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,819.79 | 3/4 | 3,009.63 | 3/4 | 3,195.98 | 3/4 | 3,382.33 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,823.78 | 5   | 3,013.51 | 5   | 3,199.86 | 5   | 3,386.21 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,827.77 | 1/4 | 3,017.39 | 1/4 | 3,203.74 | 1/4 | 3,390.09 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,831.76 | 1/2 | 3,021.27 | 1/2 | 3,207.62 | 1/2 | 3,393.97 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,835.74 | 3/4 | 3,025.16 | 3/4 | 3,211.51 | 3/4 | 3,397.86 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,839.73 | 6   | 3,029.04 | 6   | 3,215.39 | 6   | 3,401.74 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,843.72 | 1/4 | 3,032.92 | 1/4 | 3,219.27 | 1/4 | 3,405.62 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,847.71 | 1/2 | 3,036.80 | 1/2 | 3,223.15 | 1/2 | 3,409.50 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,851.70 | 3/4 | 3,040.68 | 3/4 | 3,227.03 | 3/4 | 3,413.39 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,855.69 | 7   | 3,044.57 | 7   | 3,230.92 | 7   | 3,417.27 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,859.68 | 1/4 | 3,048.45 | 1/4 | 3,234.80 | 1/4 | 3,421.15 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,863.66 | 1/2 | 3,052.33 | 1/2 | 3,238.68 | 1/2 | 3,425.03 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,867.65 | 3/4 | 3,056.21 | 3/4 | 3,242.56 | 3/4 | 3,428.91 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,871.64 | 8   | 3,060.10 | 8   | 3,246.45 | 8   | 3,432.80 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,875.63 | 1/4 | 3,063.98 | 1/4 | 3,250.33 | 1/4 | 3,436.68 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,879.62 | 1/2 | 3,067.86 | 1/2 | 3,254.21 | 1/2 | 3,440.56 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,883.61 | 3/4 | 3,071.74 | 3/4 | 3,258.09 | 3/4 | 3,444.44 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,887.59 | 9   | 3,075.62 | 9   | 3,261.98 | 9   | 3,448.32 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,891.58 | 1/4 | 3,079.51 | 1/4 | 3,265.86 | 1/4 | 3,452.20 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,895.57 | 1/2 | 3,083.39 | 1/2 | 3,269.74 | 1/2 | 3,456.08 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,899.56 | 3/4 | 3,087.27 | 3/4 | 3,273.62 | 3/4 | 3,459.96 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,903.55 | 10  | 3,091.15 | 10  | 3,277.50 | 10  | 3,463.84 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,907.54 | 1/4 | 3,095.04 | 1/4 | 3,281.39 | 1/4 | 3,467.71 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,911.53 | 1/2 | 3,098.92 | 1/2 | 3,285.27 | 1/2 | 3,471.58 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,915.51 | 3/4 | 3,102.80 | 3/4 | 3,289.15 | 3/4 | 3,475.45 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,919.50 | 11  | 3,106.68 | 11  | 3,293.03 | 11  | 3,479.32 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,923.49 | 1/4 | 3,110.57 | 1/4 | 3,296.92 | 1/4 | 3,483.08 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,927.48 | 1/2 | 3,114.45 | 1/2 | 3,300.80 | 1/2 | 3,486.84 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,931.47 | 3/4 | 3,118.33 | 3/4 | 3,304.68 | 3/4 | 3,490.60 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2014 CL  
CALCULATED: 07/22/2014 CL  
PRINTED: 07/22/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

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



# BARGE "MPC 956"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 0 FT.  | IN  | 1 FT.  | IN  | 2 FT.  | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    |
|-----|--------|-----|--------|-----|--------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   | 15.26  | 0   | 279.60 | 0   | 553.41 | 0   | 819.36   | 0   | 1,088.13 | 0   | 1,361.57 | 0   | 1,635.05 | 0   | 1,908.63 | 0   | 2,182.03 | 0   | 2,455.42 |
| 1/4 | 19.18  | 1/4 | 285.31 | 1/4 | 559.12 | 1/4 | 824.80   | 1/4 | 1,093.83 | 1/4 | 1,367.26 | 1/4 | 1,640.75 | 1/4 | 1,914.33 | 1/4 | 2,187.73 | 1/4 | 2,461.11 |
| 1/2 | 23.10  | 1/2 | 291.01 | 1/2 | 564.82 | 1/2 | 830.23   | 1/2 | 1,099.52 | 1/2 | 1,372.95 | 1/2 | 1,646.45 | 1/2 | 1,920.02 | 1/2 | 2,193.42 | 1/2 | 2,466.81 |
| 3/4 | 27.02  | 3/4 | 296.71 | 3/4 | 570.53 | 3/4 | 835.67   | 3/4 | 1,105.22 | 3/4 | 1,378.64 | 3/4 | 1,652.16 | 3/4 | 1,925.72 | 3/4 | 2,199.12 | 3/4 | 2,472.50 |
| 1   | 30.94  | 1   | 302.42 | 1   | 576.23 | 1   | 841.10   | 1   | 1,110.92 | 1   | 1,384.34 | 1   | 1,657.86 | 1   | 1,931.41 | 1   | 2,204.81 | 1   | 2,478.20 |
| 1/4 | 36.10  | 1/4 | 308.12 | 1/4 | 581.93 | 1/4 | 846.54   | 1/4 | 1,116.62 | 1/4 | 1,390.03 | 1/4 | 1,663.56 | 1/4 | 1,937.11 | 1/4 | 2,210.51 | 1/4 | 2,483.89 |
| 1/2 | 41.26  | 1/2 | 313.82 | 1/2 | 587.64 | 1/2 | 851.98   | 1/2 | 1,122.32 | 1/2 | 1,395.72 | 1/2 | 1,669.26 | 1/2 | 1,942.81 | 1/2 | 2,216.20 | 1/2 | 2,489.59 |
| 3/4 | 46.42  | 3/4 | 319.53 | 3/4 | 593.34 | 3/4 | 857.42   | 3/4 | 1,128.02 | 3/4 | 1,401.41 | 3/4 | 1,674.96 | 3/4 | 1,948.50 | 3/4 | 2,221.90 | 3/4 | 2,495.28 |
| 2   | 51.58  | 2   | 325.23 | 2   | 599.05 | 2   | 862.86   | 2   | 1,133.71 | 2   | 1,407.10 | 2   | 1,680.66 | 2   | 1,954.20 | 2   | 2,227.60 | 2   | 2,500.98 |
| 1/4 | 57.26  | 1/4 | 330.94 | 1/4 | 604.75 | 1/4 | 868.31   | 1/4 | 1,139.41 | 1/4 | 1,412.80 | 1/4 | 1,686.36 | 1/4 | 1,959.89 | 1/4 | 2,233.29 | 1/4 | 2,506.67 |
| 1/2 | 62.94  | 1/2 | 336.64 | 1/2 | 610.46 | 1/2 | 873.75   | 1/2 | 1,145.11 | 1/2 | 1,418.49 | 1/2 | 1,692.07 | 1/2 | 1,965.59 | 1/2 | 2,238.99 | 1/2 | 2,512.37 |
| 3/4 | 68.62  | 3/4 | 342.35 | 3/4 | 616.16 | 3/4 | 879.20   | 3/4 | 1,150.81 | 3/4 | 1,424.18 | 3/4 | 1,697.77 | 3/4 | 1,971.29 | 3/4 | 2,244.68 | 3/4 | 2,518.07 |
| 3   | 74.31  | 3   | 348.05 | 3   | 621.87 | 3   | 884.64   | 3   | 1,156.51 | 3   | 1,429.88 | 3   | 1,703.47 | 3   | 1,976.98 | 3   | 2,250.38 | 3   | 2,523.76 |
| 1/4 | 80.00  | 1/4 | 353.75 | 1/4 | 627.57 | 1/4 | 890.11   | 1/4 | 1,162.21 | 1/4 | 1,435.57 | 1/4 | 1,709.17 | 1/4 | 1,982.68 | 1/4 | 2,256.07 | 1/4 | 2,529.46 |
| 1/2 | 85.70  | 1/2 | 359.46 | 1/2 | 633.28 | 1/2 | 895.57   | 1/2 | 1,167.90 | 1/2 | 1,441.27 | 1/2 | 1,714.87 | 1/2 | 1,988.37 | 1/2 | 2,261.77 | 1/2 | 2,535.15 |
| 3/4 | 91.40  | 3/4 | 365.16 | 3/4 | 638.98 | 3/4 | 901.03   | 3/4 | 1,173.60 | 3/4 | 1,446.97 | 3/4 | 1,720.57 | 3/4 | 1,994.07 | 3/4 | 2,267.46 | 3/4 | 2,540.85 |
| 4   | 97.10  | 4   | 370.87 | 4   | 644.68 | 4   | 906.49   | 4   | 1,179.30 | 4   | 1,452.67 | 4   | 1,726.27 | 4   | 1,999.77 | 4   | 2,273.16 | 4   | 2,546.54 |
| 1/4 | 102.80 | 1/4 | 376.57 | 1/4 | 650.32 | 1/4 | 912.01   | 1/4 | 1,185.00 | 1/4 | 1,458.36 | 1/4 | 1,731.98 | 1/4 | 2,005.46 | 1/4 | 2,278.85 | 1/4 | 2,552.24 |
| 1/2 | 108.51 | 1/2 | 382.28 | 1/2 | 655.96 | 1/2 | 917.53   | 1/2 | 1,190.70 | 1/2 | 1,464.06 | 1/2 | 1,737.68 | 1/2 | 2,011.16 | 1/2 | 2,284.55 | 1/2 | 2,557.93 |
| 3/4 | 114.21 | 3/4 | 387.98 | 3/4 | 661.59 | 3/4 | 923.05   | 3/4 | 1,196.40 | 3/4 | 1,469.76 | 3/4 | 1,743.38 | 3/4 | 2,016.85 | 3/4 | 2,290.25 | 3/4 | 2,563.63 |
| 5   | 119.91 | 5   | 393.69 | 5   | 667.23 | 5   | 928.58   | 5   | 1,202.09 | 5   | 1,475.46 | 5   | 1,749.08 | 5   | 2,022.55 | 5   | 2,295.94 | 5   | 2,569.32 |
| 1/4 | 125.62 | 1/4 | 399.39 | 1/4 | 672.66 | 1/4 | 934.27   | 1/4 | 1,207.79 | 1/4 | 1,481.15 | 1/4 | 1,754.78 | 1/4 | 2,028.25 | 1/4 | 2,301.64 | 1/4 | 2,575.01 |
| 1/2 | 131.32 | 1/2 | 405.10 | 1/2 | 678.10 | 1/2 | 939.97   | 1/2 | 1,213.49 | 1/2 | 1,486.85 | 1/2 | 1,760.48 | 1/2 | 2,033.94 | 1/2 | 2,307.33 | 1/2 | 2,580.69 |
| 3/4 | 137.03 | 3/4 | 410.80 | 3/4 | 683.53 | 3/4 | 945.67   | 3/4 | 1,219.19 | 3/4 | 1,492.55 | 3/4 | 1,766.18 | 3/4 | 2,039.64 | 3/4 | 2,313.03 | 3/4 | 2,586.38 |
| 6   | 142.73 | 6   | 416.50 | 6   | 688.96 | 6   | 951.37   | 6   | 1,224.89 | 6   | 1,498.25 | 6   | 1,771.89 | 6   | 2,045.33 | 6   | 2,318.72 | 6   | 2,592.07 |
| 1/4 | 148.43 | 1/4 | 422.21 | 1/4 | 694.40 | 1/4 | 957.07   | 1/4 | 1,230.59 | 1/4 | 1,503.94 | 1/4 | 1,777.59 | 1/4 | 2,051.03 | 1/4 | 2,324.42 | 1/4 | 2,597.73 |
| 1/2 | 154.14 | 1/2 | 427.91 | 1/2 | 699.83 | 1/2 | 962.77   | 1/2 | 1,236.28 | 1/2 | 1,509.64 | 1/2 | 1,783.29 | 1/2 | 2,056.73 | 1/2 | 2,330.11 | 1/2 | 2,603.39 |
| 3/4 | 159.84 | 3/4 | 433.62 | 3/4 | 705.26 | 3/4 | 968.46   | 3/4 | 1,241.98 | 3/4 | 1,515.34 | 3/4 | 1,788.99 | 3/4 | 2,062.42 | 3/4 | 2,335.81 | 3/4 | 2,609.05 |
| 7   | 165.54 | 7   | 439.32 | 7   | 710.70 | 7   | 974.16   | 7   | 1,247.68 | 7   | 1,521.04 | 7   | 1,794.69 | 7   | 2,068.12 | 7   | 2,341.51 | 7   | 2,614.71 |
| 1/4 | 171.25 | 1/4 | 445.03 | 1/4 | 716.13 | 1/4 | 979.86   | 1/4 | 1,253.38 | 1/4 | 1,526.73 | 1/4 | 1,800.39 | 1/4 | 2,073.81 | 1/4 | 2,347.20 | 1/4 | 2,620.37 |
| 1/2 | 176.95 | 1/2 | 450.73 | 1/2 | 721.56 | 1/2 | 985.56   | 1/2 | 1,259.08 | 1/2 | 1,532.43 | 1/2 | 1,806.09 | 1/2 | 2,079.51 | 1/2 | 2,352.90 | 1/2 | 2,626.03 |
| 3/4 | 182.65 | 3/4 | 456.44 | 3/4 | 727.00 | 3/4 | 991.26   | 3/4 | 1,264.78 | 3/4 | 1,538.13 | 3/4 | 1,811.79 | 3/4 | 2,085.21 | 3/4 | 2,358.59 | 3/4 | 2,631.69 |
| 8   | 188.35 | 8   | 462.14 | 8   | 732.43 | 8   | 996.96   | 8   | 1,270.47 | 8   | 1,543.83 | 8   | 1,817.49 | 8   | 2,090.90 | 8   | 2,364.29 | 8   | 2,637.36 |
| 1/4 | 194.06 | 1/4 | 467.84 | 1/4 | 737.86 | 1/4 | 1,002.65 | 1/4 | 1,276.17 | 1/4 | 1,549.53 | 1/4 | 1,823.19 | 1/4 | 2,096.60 | 1/4 | 2,369.98 | 1/4 | 2,643.02 |
| 1/2 | 199.76 | 1/2 | 473.55 | 1/2 | 743.30 | 1/2 | 1,008.35 | 1/2 | 1,281.87 | 1/2 | 1,555.23 | 1/2 | 1,828.89 | 1/2 | 2,102.29 | 1/2 | 2,375.68 | 1/2 | 2,648.68 |
| 3/4 | 205.46 | 3/4 | 479.25 | 3/4 | 748.73 | 3/4 | 1,014.05 | 3/4 | 1,287.56 | 3/4 | 1,560.93 | 3/4 | 1,834.58 | 3/4 | 2,107.99 | 3/4 | 2,381.37 | 3/4 | 2,654.34 |
| 9   | 211.17 | 9   | 484.96 | 9   | 754.16 | 9   | 1,019.75 | 9   | 1,293.26 | 9   | 1,566.64 | 9   | 1,840.28 | 9   | 2,113.69 | 9   | 2,387.07 | 9   | 2,660.00 |
| 1/4 | 216.87 | 1/4 | 490.66 | 1/4 | 759.60 | 1/4 | 1,025.45 | 1/4 | 1,298.95 | 1/4 | 1,572.34 | 1/4 | 1,845.97 | 1/4 | 2,119.38 | 1/4 | 2,392.76 | 1/4 | 2,665.67 |
| 1/2 | 222.57 | 1/2 | 496.37 | 1/2 | 765.03 | 1/2 | 1,031.15 | 1/2 | 1,304.65 | 1/2 | 1,578.04 | 1/2 | 1,851.67 | 1/2 | 2,125.08 | 1/2 | 2,398.46 | 1/2 | 2,671.33 |
| 3/4 | 228.28 | 3/4 | 502.07 | 3/4 | 770.46 | 3/4 | 1,036.84 | 3/4 | 1,310.34 | 3/4 | 1,583.74 | 3/4 | 1,857.37 | 3/4 | 2,130.77 | 3/4 | 2,404.16 | 3/4 | 2,677.00 |
| 10  | 233.98 | 10  | 507.78 | 10  | 775.90 | 10  | 1,042.54 | 10  | 1,316.03 | 10  | 1,589.44 | 10  | 1,863.06 | 10  | 2,136.47 | 10  | 2,409.85 | 10  | 2,682.66 |
| 1/4 | 239.68 | 1/4 | 513.48 | 1/4 | 781.33 | 1/4 | 1,048.24 | 1/4 | 1,321.72 | 1/4 | 1,595.14 | 1/4 | 1,868.76 | 1/4 | 2,142.16 | 1/4 | 2,415.55 | 1/4 | 2,688.34 |
| 1/2 | 245.39 | 1/2 | 519.19 | 1/2 | 786.76 | 1/2 | 1,053.94 | 1/2 | 1,327.41 | 1/2 | 1,600.84 | 1/2 | 1,874.45 | 1/2 | 2,147.86 | 1/2 | 2,421.24 | 1/2 | 2,694.02 |
| 3/4 | 251.09 | 3/4 | 524.89 | 3/4 | 792.20 | 3/4 | 1,059.64 | 3/4 | 1,333.11 | 3/4 | 1,606.54 | 3/4 | 1,880.15 | 3/4 | 2,153.55 | 3/4 | 2,426.94 | 3/4 | 2,699.69 |
| 11  | 256.79 | 11  | 530.59 | 11  | 797.63 | 11  | 1,065.34 | 11  | 1,338.80 | 11  | 1,612.25 | 11  | 1,885.85 | 11  | 2,159.25 | 11  | 2,432.63 | 11  | 2,705.37 |
| 1/4 | 262.49 | 1/4 | 536.30 | 1/4 | 803.06 | 1/4 | 1,071.03 | 1/4 | 1,344.49 | 1/4 | 1,617.95 | 1/4 | 1,891.54 | 1/4 | 2,164.94 | 1/4 | 2,438.33 | 1/4 | 2,710.62 |
| 1/2 | 268.20 | 1/2 | 542.00 | 1/2 | 808.50 | 1/2 | 1,076.73 | 1/2 | 1,350.18 | 1/2 | 1,623.65 | 1/2 | 1,897.24 | 1/2 | 2,170.64 | 1/2 | 2,444.02 | 1/2 | 2,715.88 |
| 3/4 | 273.90 | 3/4 | 547.71 | 3/4 | 813.93 | 3/4 | 1,082.43 | 3/4 | 1,355.87 | 3/4 | 1,629.35 | 3/4 | 1,902.93 | 3/4 | 2,176.34 | 3/4 | 2,449.72 | 3/4 | 2,721.13 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK  
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF 2" MMC CLOSED GAUGING VALVE  
 GAUGE POINT: (MMC) LOCATED 10'-09" OFF CENTERLINE AND 36'-06" FORWARD OF AFT BULKHEAD

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





# BARGE "MPC 956"

## 2 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 3/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,726.39 | 0   | 2,917.95 | 0   | 3,104.83 | 0   | 3,291.30 | 0   | 3,477.22 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,730.38 | 1/4 | 2,921.92 | 1/4 | 3,108.72 | 1/4 | 3,295.19 | 1/4 | 3,480.47 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,734.37 | 1/2 | 2,925.89 | 1/2 | 3,112.60 | 1/2 | 3,299.07 | 1/2 | 3,483.72 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,738.36 | 3/4 | 2,929.86 | 3/4 | 3,116.49 | 3/4 | 3,302.96 | 3/4 | 3,486.97 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,742.35 | 1   | 2,933.82 | 1   | 3,120.37 | 1   | 3,306.84 | 1   | 3,490.23 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,746.34 | 1/4 | 2,937.72 | 1/4 | 3,124.26 | 1/4 | 3,310.73 | 1/4 | 3,492.60 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,750.33 | 1/2 | 2,941.62 | 1/2 | 3,128.14 | 1/2 | 3,314.61 | 1/2 | 3,494.98 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,754.32 | 3/4 | 2,945.51 | 3/4 | 3,132.03 | 3/4 | 3,318.50 | 3/4 | 3,497.36 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,758.31 | 2   | 2,949.41 | 2   | 3,135.91 | 2   | 3,322.38 | 2   | 3,499.74 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,762.31 | 1/4 | 2,953.30 | 1/4 | 3,139.80 | 1/4 | 3,326.27 | 1/4 | 3,501.30 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,766.30 | 1/2 | 2,957.19 | 1/2 | 3,143.68 | 1/2 | 3,330.15 | 1/2 | 3,502.86 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,770.29 | 3/4 | 2,961.09 | 3/4 | 3,147.56 | 3/4 | 3,334.04 | 3/4 | 3,504.43 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,774.28 | 3   | 2,964.98 | 3   | 3,151.45 | 3   | 3,337.92 | 3   | 3,505.99 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,778.27 | 1/4 | 2,968.86 | 1/4 | 3,155.33 | 1/4 | 3,341.80 | 1/4 | 3,506.73 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,782.26 | 1/2 | 2,972.75 | 1/2 | 3,159.22 | 1/2 | 3,345.69 | 1/2 | 3,507.48 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,786.25 | 3/4 | 2,976.63 | 3/4 | 3,163.10 | 3/4 | 3,349.57 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,790.24 | 4   | 2,980.52 | 4   | 3,166.99 | 4   | 3,353.46 | 4   |          | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,794.23 | 1/4 | 2,984.40 | 1/4 | 3,170.87 | 1/4 | 3,357.34 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,798.22 | 1/2 | 2,988.29 | 1/2 | 3,174.76 | 1/2 | 3,361.23 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,802.22 | 3/4 | 2,992.17 | 3/4 | 3,178.64 | 3/4 | 3,365.11 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,806.21 | 5   | 2,996.06 | 5   | 3,182.53 | 5   | 3,369.00 | 5   |          | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,810.20 | 1/4 | 2,999.94 | 1/4 | 3,186.41 | 1/4 | 3,372.88 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,814.19 | 1/2 | 3,003.83 | 1/2 | 3,190.30 | 1/2 | 3,376.77 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,818.18 | 3/4 | 3,007.71 | 3/4 | 3,194.18 | 3/4 | 3,380.65 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,822.17 | 6   | 3,011.60 | 6   | 3,198.07 | 6   | 3,384.54 | 6   |          | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,826.16 | 1/4 | 3,015.48 | 1/4 | 3,201.95 | 1/4 | 3,388.42 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,830.15 | 1/2 | 3,019.37 | 1/2 | 3,205.84 | 1/2 | 3,392.31 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,834.14 | 3/4 | 3,023.25 | 3/4 | 3,209.72 | 3/4 | 3,396.19 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,838.13 | 7   | 3,027.14 | 7   | 3,213.61 | 7   | 3,400.08 | 7   |          | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,842.13 | 1/4 | 3,031.02 | 1/4 | 3,217.49 | 1/4 | 3,403.96 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,846.12 | 1/2 | 3,034.91 | 1/2 | 3,221.38 | 1/2 | 3,407.85 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,850.11 | 3/4 | 3,038.79 | 3/4 | 3,225.26 | 3/4 | 3,411.73 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,854.10 | 8   | 3,042.68 | 8   | 3,229.15 | 8   | 3,415.62 | 8   |          | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,858.09 | 1/4 | 3,046.56 | 1/4 | 3,233.03 | 1/4 | 3,419.50 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,862.08 | 1/2 | 3,050.44 | 1/2 | 3,236.92 | 1/2 | 3,423.38 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,866.07 | 3/4 | 3,054.33 | 3/4 | 3,240.80 | 3/4 | 3,427.27 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,870.06 | 9   | 3,058.21 | 9   | 3,244.68 | 9   | 3,431.15 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,874.05 | 1/4 | 3,062.10 | 1/4 | 3,248.57 | 1/4 | 3,435.03 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,878.04 | 1/2 | 3,065.98 | 1/2 | 3,252.45 | 1/2 | 3,438.91 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,882.04 | 3/4 | 3,069.87 | 3/4 | 3,256.34 | 3/4 | 3,442.79 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,886.03 | 10  | 3,073.75 | 10  | 3,260.22 | 10  | 3,446.68 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,890.02 | 1/4 | 3,077.64 | 1/4 | 3,264.11 | 1/4 | 3,450.55 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,894.01 | 1/2 | 3,081.52 | 1/2 | 3,267.99 | 1/2 | 3,454.42 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,898.00 | 3/4 | 3,085.41 | 3/4 | 3,271.88 | 3/4 | 3,458.29 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,901.99 | 11  | 3,089.29 | 11  | 3,275.76 | 11  | 3,462.17 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,905.98 | 1/4 | 3,093.18 | 1/4 | 3,279.65 | 1/4 | 3,465.93 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,909.97 | 1/2 | 3,097.06 | 1/2 | 3,283.53 | 1/2 | 3,469.69 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,913.96 | 3/4 | 3,100.95 | 3/4 | 3,287.42 | 3/4 | 3,473.45 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/22/2014 CL  
CALCULATED: 07/22/2014 CL  
PRINTED: 07/22/2014 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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# BARGE "MPC 956"

## SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GUAGE HEIGHT 3'-11"

| 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   | 384   | 0   | 768   | 0   | 1,152 | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 8     | 1/4 | 392   | 1/4 | 776   | 1/4 | 1,160 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 16    | 1/2 | 400   | 1/2 | 784   | 1/2 | 1,168 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 24    | 3/4 | 408   | 3/4 | 792   | 3/4 | 1,176 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 1   | 32    | 1   | 416   | 1   | 800   | 1   | 1,184 | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 40    | 1/4 | 424   | 1/4 | 808   | 1/4 | 1,192 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 48    | 1/2 | 432   | 1/2 | 816   | 1/2 | 1,200 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 56    | 3/4 | 440   | 3/4 | 824   | 3/4 | 1,208 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 2   | 64    | 2   | 448   | 2   | 832   | 2   | 1,216 | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 72    | 1/4 | 456   | 1/4 | 840   | 1/4 | 1,224 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 80    | 1/2 | 464   | 1/2 | 848   | 1/2 | 1,232 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 88    | 3/4 | 472   | 3/4 | 856   | 3/4 | 1,240 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 3   | 96    | 3   | 480   | 3   | 864   | 3   | 1,248 | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 104   | 1/4 | 488   | 1/4 | 872   | 1/4 | 1,256 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 112   | 1/2 | 496   | 1/2 | 880   | 1/2 | 1,264 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 120   | 3/4 | 504   | 3/4 | 888   | 3/4 | 1,272 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 4   | 128   | 4   | 512   | 4   | 896   | 4   | 1,280 | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 136   | 1/4 | 520   | 1/4 | 904   | 1/4 | 1,288 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 144   | 1/2 | 528   | 1/2 | 912   | 1/2 | 1,296 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 152   | 3/4 | 536   | 3/4 | 920   | 3/4 | 1,304 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 5   | 160   | 5   | 544   | 5   | 928   | 5   | 1,312 | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 168   | 1/4 | 552   | 1/4 | 936   | 1/4 | 1,316 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 176   | 1/2 | 560   | 1/2 | 944   | 1/2 | 1,319 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 184   | 3/4 | 568   | 3/4 | 952   | 3/4 | 1,322 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 6   | 192   | 6   | 576   | 6   | 960   | 6   | 1,325 | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 200   | 1/4 | 584   | 1/4 | 968   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 208   | 1/2 | 592   | 1/2 | 976   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 216   | 3/4 | 600   | 3/4 | 984   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 7   | 224   | 7   | 608   | 7   | 992   | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 232   | 1/4 | 616   | 1/4 | 1,000 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 240   | 1/2 | 624   | 1/2 | 1,008 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 248   | 3/4 | 632   | 3/4 | 1,016 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 8   | 256   | 8   | 640   | 8   | 1,024 | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 264   | 1/4 | 648   | 1/4 | 1,032 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 272   | 1/2 | 656   | 1/2 | 1,040 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 280   | 3/4 | 664   | 3/4 | 1,048 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 9   | 288   | 9   | 672   | 9   | 1,056 | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 296   | 1/4 | 680   | 1/4 | 1,064 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 304   | 1/2 | 688   | 1/2 | 1,072 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 312   | 3/4 | 696   | 3/4 | 1,080 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 10  | 320   | 10  | 704   | 10  | 1,088 | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 328   | 1/4 | 712   | 1/4 | 1,096 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 336   | 1/2 | 720   | 1/2 | 1,104 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 344   | 3/4 | 728   | 3/4 | 1,112 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 11  | 352   | 11  | 736   | 11  | 1,120 | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 360   | 1/4 | 744   | 1/4 | 1,128 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 368   | 1/2 | 752   | 1/2 | 1,136 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 376   | 3/4 | 760   | 3/4 | 1,144 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7  
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT  
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP OF MANWAY

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CANCELS AND SUPERCEDES  
ALL PRIOR TO 07/2014

PRECISION MEASUREMENT  
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# BARGE "MPC 956"

# FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 3'-11 3/4"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. | IN  | 6 FT. | IN  | 7 FT. | IN  | 8 FT. | IN  | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0   | 0     | 0   | 85    | 0   | 213   | 0   | 328   | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       | 0   |       |
| 1/4 | 1     | 1/4 | 87    | 1/4 | 215   | 1/4 | 330   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 1     | 1/2 | 90    | 1/2 | 218   | 1/2 | 332   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 2     | 3/4 | 92    | 3/4 | 221   | 3/4 | 334   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 1   | 2     | 1   | 95    | 1   | 223   | 1   | 336   | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       | 1   |       |
| 1/4 | 3     | 1/4 | 97    | 1/4 | 226   | 1/4 | 337   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 4     | 1/2 | 100   | 1/2 | 229   | 1/2 | 339   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 5     | 3/4 | 102   | 3/4 | 231   | 3/4 | 341   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 2   | 6     | 2   | 105   | 2   | 234   | 2   | 342   | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       | 2   |       |
| 1/4 | 8     | 1/4 | 108   | 1/4 | 237   | 1/4 | 344   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 9     | 1/2 | 110   | 1/2 | 239   | 1/2 | 345   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 10    | 3/4 | 113   | 3/4 | 242   | 3/4 | 347   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 3   | 11    | 3   | 115   | 3   | 244   | 3   | 348   | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       | 3   |       |
| 1/4 | 13    | 1/4 | 118   | 1/4 | 247   | 1/4 | 350   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 14    | 1/2 | 121   | 1/2 | 250   | 1/2 | 351   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 16    | 3/4 | 123   | 3/4 | 252   | 3/4 | 352   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 4   | 17    | 4   | 126   | 4   | 255   | 4   | 354   | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       | 4   |       |
| 1/4 | 19    | 1/4 | 129   | 1/4 | 257   | 1/4 | 355   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 21    | 1/2 | 131   | 1/2 | 260   | 1/2 | 356   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 22    | 3/4 | 134   | 3/4 | 262   | 3/4 | 357   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 5   | 24    | 5   | 137   | 5   | 265   | 5   | 358   | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       | 5   |       |
| 1/4 | 26    | 1/4 | 139   | 1/4 | 268   | 1/4 | 358   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 28    | 1/2 | 142   | 1/2 | 270   | 1/2 | 359   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 30    | 3/4 | 145   | 3/4 | 273   | 3/4 | 359   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 6   | 32    | 6   | 147   | 6   | 275   | 6   | 360   | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       | 6   |       |
| 1/4 | 34    | 1/4 | 150   | 1/4 | 277   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 35    | 1/2 | 153   | 1/2 | 280   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 37    | 3/4 | 155   | 3/4 | 282   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 7   | 39    | 7   | 158   | 7   | 285   | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       | 7   |       |
| 1/4 | 42    | 1/4 | 161   | 1/4 | 287   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 44    | 1/2 | 164   | 1/2 | 289   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 46    | 3/4 | 166   | 3/4 | 292   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 8   | 48    | 8   | 169   | 8   | 294   | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       | 8   |       |
| 1/4 | 50    | 1/4 | 172   | 1/4 | 296   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 52    | 1/2 | 174   | 1/2 | 299   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 54    | 3/4 | 177   | 3/4 | 301   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 9   | 57    | 9   | 180   | 9   | 303   | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       | 9   |       |
| 1/4 | 59    | 1/4 | 183   | 1/4 | 306   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 61    | 1/2 | 185   | 1/2 | 308   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 63    | 3/4 | 188   | 3/4 | 310   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 10  | 66    | 10  | 191   | 10  | 312   | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       | 10  |       |
| 1/4 | 68    | 1/4 | 194   | 1/4 | 314   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 70    | 1/2 | 196   | 1/2 | 316   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 73    | 3/4 | 199   | 3/4 | 318   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |
| 11  | 75    | 11  | 202   | 11  | 320   | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       | 11  |       |
| 1/4 | 78    | 1/4 | 204   | 1/4 | 322   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       |
| 1/2 | 80    | 1/2 | 207   | 1/2 | 324   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       |
| 3/4 | 82    | 3/4 | 210   | 3/4 | 326   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL  
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK AT GAUGE POINT  
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