



BARGE "MPC 921"

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 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-1/4 | - 01-1/4 | 01-1/2 | - 01-1/2 | 01-7/8 | - 01-7/8 |
| 1 STBD | 00-1/4 | - 00-1/4 | 00-5/8 | - 00-5/8 | 00-7/8 | - 00-7/8 | 01-1/4 | - 01-1/4 | 01-1/2 | - 01-1/2 | 01-7/8 | - 01-7/8 |
| 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 | 01-7/8 | - 01-7/8 |
| 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 | 01-7/8 | - 01-7/8 |
| 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 = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

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

LENGTH BETWEEN DRAFT MARKS: 237'-09"

June 12, 2014

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "MPC 921"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,523.97 | 0 | 3,881.90 | 0 | 4,239.83 | 0 | 4,596.90 | 0 | 4,951.92 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,531.42 | 1/4 | 3,889.36 | 1/4 | 4,247.29 | 1/4 | 4,604.33 | 1/4 | 4,958.50 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,538.88 | 1/2 | 3,896.81 | 1/2 | 4,254.74 | 1/2 | 4,611.76 | 1/2 | 4,965.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,546.34 | 3/4 | 3,904.27 | 3/4 | 4,262.20 | 3/4 | 4,619.20 | 3/4 | 4,971.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,553.80 | 1 | 3,911.73 | 1 | 4,269.66 | 1 | 4,626.63 | 1 | 4,978.25 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,561.25 | 1/4 | 3,919.18 | 1/4 | 4,277.11 | 1/4 | 4,634.06 | 1/4 | 4,983.77 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,568.71 | 1/2 | 3,926.64 | 1/2 | 4,284.57 | 1/2 | 4,641.50 | 1/2 | 4,989.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,576.17 | 3/4 | 3,934.10 | 3/4 | 4,292.03 | 3/4 | 4,648.93 | 3/4 | 4,994.81 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,583.62 | 2 | 3,941.55 | 2 | 4,299.49 | 2 | 4,656.36 | 2 | 5,000.33 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,591.08 | 1/4 | 3,949.01 | 1/4 | 4,306.94 | 1/4 | 4,663.80 | 1/4 | 5,004.78 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,598.54 | 1/2 | 3,956.47 | 1/2 | 4,314.39 | 1/2 | 4,671.23 | 1/2 | 5,009.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,605.99 | 3/4 | 3,963.93 | 3/4 | 4,321.84 | 3/4 | 4,678.66 | 3/4 | 5,013.69 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,613.45 | 3 | 3,971.38 | 3 | 4,329.29 | 3 | 4,686.10 | 3 | 5,018.14 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,620.91 | 1/4 | 3,978.84 | 1/4 | 4,336.73 | 1/4 | 4,693.53 | 1/4 | 5,021.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.36 | 1/2 | 3,986.30 | 1/2 | 4,344.16 | 1/2 | 4,700.96 | 1/2 | 5,024.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,635.82 | 3/4 | 3,993.75 | 3/4 | 4,351.59 | 3/4 | 4,708.40 | 3/4 | 5,028.30 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,643.28 | 4 | 4,001.21 | 4 | 4,359.03 | 4 | 4,715.83 | 4 | 5,031.69 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,650.74 | 1/4 | 4,008.67 | 1/4 | 4,366.46 | 1/4 | 4,723.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,658.19 | 1/2 | 4,016.12 | 1/2 | 4,373.89 | 1/2 | 4,730.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,665.65 | 3/4 | 4,023.58 | 3/4 | 4,381.33 | 3/4 | 4,738.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,673.11 | 5 | 4,031.04 | 5 | 4,388.76 | 5 | 4,745.56 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,680.56 | 1/4 | 4,038.49 | 1/4 | 4,396.19 | 1/4 | 4,753.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,688.02 | 1/2 | 4,045.95 | 1/2 | 4,403.63 | 1/2 | 4,760.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,695.48 | 3/4 | 4,053.41 | 3/4 | 4,411.06 | 3/4 | 4,767.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,702.93 | 6 | 4,060.86 | 6 | 4,418.49 | 6 | 4,775.30 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,710.39 | 1/4 | 4,068.32 | 1/4 | 4,425.93 | 1/4 | 4,782.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,717.85 | 1/2 | 4,075.78 | 1/2 | 4,433.36 | 1/2 | 4,790.14 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,725.30 | 3/4 | 4,083.24 | 3/4 | 4,440.79 | 3/4 | 4,797.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,732.76 | 7 | 4,090.69 | 7 | 4,448.23 | 7 | 4,804.98 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,740.22 | 1/4 | 4,098.15 | 1/4 | 4,455.66 | 1/4 | 4,812.36 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,747.68 | 1/2 | 4,105.61 | 1/2 | 4,463.09 | 1/2 | 4,819.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,755.13 | 3/4 | 4,113.06 | 3/4 | 4,470.53 | 3/4 | 4,827.12 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,762.59 | 8 | 4,120.52 | 8 | 4,477.96 | 8 | 4,834.50 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,770.05 | 1/4 | 4,127.98 | 1/4 | 4,485.40 | 1/4 | 4,841.89 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,777.50 | 1/2 | 4,135.43 | 1/2 | 4,492.83 | 1/2 | 4,849.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,784.96 | 3/4 | 4,142.89 | 3/4 | 4,500.26 | 3/4 | 4,856.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,792.42 | 9 | 4,150.35 | 9 | 4,507.70 | 9 | 4,864.03 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,799.87 | 1/4 | 4,157.80 | 1/4 | 4,515.13 | 1/4 | 4,871.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,807.33 | 1/2 | 4,165.26 | 1/2 | 4,522.56 | 1/2 | 4,878.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,814.79 | 3/4 | 4,172.72 | 3/4 | 4,530.00 | 3/4 | 4,886.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,822.24 | 10 | 4,180.18 | 10 | 4,537.43 | 10 | 4,893.55 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,829.70 | 1/4 | 4,187.63 | 1/4 | 4,544.86 | 1/4 | 4,900.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,837.16 | 1/2 | 4,195.09 | 1/2 | 4,552.30 | 1/2 | 4,908.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,844.61 | 3/4 | 4,202.55 | 3/4 | 4,559.73 | 3/4 | 4,915.65 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,852.07 | 11 | 4,210.00 | 11 | 4,567.16 | 11 | 4,923.02 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,859.53 | 1/4 | 4,217.46 | 1/4 | 4,574.60 | 1/4 | 4,930.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,866.99 | 1/2 | 4,224.92 | 1/2 | 4,582.03 | 1/2 | 4,937.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,874.44 | 3/4 | 4,232.37 | 3/4 | 4,589.46 | 3/4 | 4,944.69 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

**1 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,522.26 | 0 | 3,880.17 | 0 | 4,238.08 | 0 | 4,595.13 | 0 | 4,950.13 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,529.71 | 1/4 | 3,887.63 | 1/4 | 4,245.54 | 1/4 | 4,602.56 | 1/4 | 4,956.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,537.17 | 1/2 | 3,895.08 | 1/2 | 4,252.99 | 1/2 | 4,609.99 | 1/2 | 4,963.30 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,544.63 | 3/4 | 3,902.54 | 3/4 | 4,260.45 | 3/4 | 4,617.43 | 3/4 | 4,969.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,552.08 | 1 | 3,910.00 | 1 | 4,267.91 | 1 | 4,624.86 | 1 | 4,976.46 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,559.54 | 1/4 | 3,917.45 | 1/4 | 4,275.36 | 1/4 | 4,632.29 | 1/4 | 4,981.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,567.00 | 1/2 | 3,924.91 | 1/2 | 4,282.82 | 1/2 | 4,639.73 | 1/2 | 4,987.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,574.45 | 3/4 | 3,932.37 | 3/4 | 4,290.28 | 3/4 | 4,647.16 | 3/4 | 4,993.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,581.91 | 2 | 3,939.82 | 2 | 4,297.73 | 2 | 4,654.59 | 2 | 4,998.54 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,589.37 | 1/4 | 3,947.28 | 1/4 | 4,305.19 | 1/4 | 4,662.03 | 1/4 | 5,002.99 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,596.82 | 1/2 | 3,954.73 | 1/2 | 4,312.64 | 1/2 | 4,669.46 | 1/2 | 5,007.44 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,604.28 | 3/4 | 3,962.19 | 3/4 | 4,320.09 | 3/4 | 4,676.89 | 3/4 | 5,011.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,611.74 | 3 | 3,969.65 | 3 | 4,327.54 | 3 | 4,684.32 | 3 | 5,016.35 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,619.19 | 1/4 | 3,977.10 | 1/4 | 4,334.97 | 1/4 | 4,691.76 | 1/4 | 5,019.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,626.65 | 1/2 | 3,984.56 | 1/2 | 4,342.41 | 1/2 | 4,699.19 | 1/2 | 5,023.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,634.11 | 3/4 | 3,992.02 | 3/4 | 4,349.84 | 3/4 | 4,706.62 | 3/4 | 5,026.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,641.56 | 4 | 3,999.47 | 4 | 4,357.27 | 4 | 4,714.06 | 4 | 5,029.90 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,649.02 | 1/4 | 4,006.93 | 1/4 | 4,364.71 | 1/4 | 4,721.49 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,656.47 | 1/2 | 4,014.39 | 1/2 | 4,372.14 | 1/2 | 4,728.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,663.93 | 3/4 | 4,021.84 | 3/4 | 4,379.57 | 3/4 | 4,736.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,671.39 | 5 | 4,029.30 | 5 | 4,387.00 | 5 | 4,743.79 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,678.84 | 1/4 | 4,036.76 | 1/4 | 4,394.44 | 1/4 | 4,751.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,686.30 | 1/2 | 4,044.21 | 1/2 | 4,401.87 | 1/2 | 4,758.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,693.76 | 3/4 | 4,051.67 | 3/4 | 4,409.30 | 3/4 | 4,766.09 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,701.21 | 6 | 4,059.13 | 6 | 4,416.74 | 6 | 4,773.52 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,708.67 | 1/4 | 4,066.58 | 1/4 | 4,424.17 | 1/4 | 4,780.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,716.13 | 1/2 | 4,074.04 | 1/2 | 4,431.60 | 1/2 | 4,788.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,723.58 | 3/4 | 4,081.50 | 3/4 | 4,439.04 | 3/4 | 4,795.78 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,731.04 | 7 | 4,088.95 | 7 | 4,446.47 | 7 | 4,803.20 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,738.50 | 1/4 | 4,096.41 | 1/4 | 4,453.90 | 1/4 | 4,810.58 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,745.95 | 1/2 | 4,103.86 | 1/2 | 4,461.33 | 1/2 | 4,817.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,753.41 | 3/4 | 4,111.32 | 3/4 | 4,468.77 | 3/4 | 4,825.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,760.87 | 8 | 4,118.78 | 8 | 4,476.20 | 8 | 4,832.72 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,768.32 | 1/4 | 4,126.23 | 1/4 | 4,483.63 | 1/4 | 4,840.11 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,775.78 | 1/2 | 4,133.69 | 1/2 | 4,491.07 | 1/2 | 4,847.49 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,783.24 | 3/4 | 4,141.15 | 3/4 | 4,498.50 | 3/4 | 4,854.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,790.69 | 9 | 4,148.60 | 9 | 4,505.93 | 9 | 4,862.25 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,798.15 | 1/4 | 4,156.06 | 1/4 | 4,513.37 | 1/4 | 4,869.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,805.60 | 1/2 | 4,163.52 | 1/2 | 4,520.80 | 1/2 | 4,877.01 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,813.06 | 3/4 | 4,170.97 | 3/4 | 4,528.23 | 3/4 | 4,884.39 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,820.52 | 10 | 4,178.43 | 10 | 4,535.66 | 10 | 4,891.77 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,827.97 | 1/4 | 4,185.89 | 1/4 | 4,543.10 | 1/4 | 4,899.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,835.43 | 1/2 | 4,193.34 | 1/2 | 4,550.53 | 1/2 | 4,906.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,842.89 | 3/4 | 4,200.80 | 3/4 | 4,557.96 | 3/4 | 4,913.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,850.34 | 11 | 4,208.26 | 11 | 4,565.40 | 11 | 4,921.24 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,857.80 | 1/4 | 4,215.71 | 1/4 | 4,572.83 | 1/4 | 4,928.46 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,865.26 | 1/2 | 4,223.17 | 1/2 | 4,580.26 | 1/2 | 4,935.68 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,872.71 | 3/4 | 4,230.63 | 3/4 | 4,587.70 | 3/4 | 4,942.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

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 | 3,597.32 | 0 | 3,956.25 | 0 | 4,315.18 | 0 | 4,673.26 | 0 | 5,029.28 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,604.80 | 1/4 | 3,963.73 | 1/4 | 4,322.66 | 1/4 | 4,680.71 | 1/4 | 5,035.88 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,612.28 | 1/2 | 3,971.21 | 1/2 | 4,330.14 | 1/2 | 4,688.16 | 1/2 | 5,042.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,619.76 | 3/4 | 3,978.69 | 3/4 | 4,337.62 | 3/4 | 4,695.62 | 3/4 | 5,049.08 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,627.23 | 1 | 3,986.16 | 1 | 4,345.09 | 1 | 4,703.07 | 1 | 5,055.68 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,634.71 | 1/4 | 3,993.64 | 1/4 | 4,352.57 | 1/4 | 4,710.53 | 1/4 | 5,061.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,642.19 | 1/2 | 4,001.12 | 1/2 | 4,360.05 | 1/2 | 4,717.98 | 1/2 | 5,066.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,649.67 | 3/4 | 4,008.60 | 3/4 | 4,367.53 | 3/4 | 4,725.44 | 3/4 | 5,072.29 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,657.15 | 2 | 4,016.08 | 2 | 4,375.00 | 2 | 4,732.89 | 2 | 5,077.82 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,664.62 | 1/4 | 4,023.55 | 1/4 | 4,382.48 | 1/4 | 4,740.34 | 1/4 | 5,082.29 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,672.10 | 1/2 | 4,031.03 | 1/2 | 4,389.95 | 1/2 | 4,747.80 | 1/2 | 5,086.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,679.58 | 3/4 | 4,038.51 | 3/4 | 4,397.43 | 3/4 | 4,755.25 | 3/4 | 5,091.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,687.06 | 3 | 4,045.99 | 3 | 4,404.90 | 3 | 4,762.71 | 3 | 5,095.69 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,694.53 | 1/4 | 4,053.46 | 1/4 | 4,412.35 | 1/4 | 4,770.16 | 1/4 | 5,099.08 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,702.01 | 1/2 | 4,060.94 | 1/2 | 4,419.81 | 1/2 | 4,777.62 | 1/2 | 5,102.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,709.49 | 3/4 | 4,068.42 | 3/4 | 4,427.26 | 3/4 | 4,785.07 | 3/4 | 5,105.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,716.97 | 4 | 4,075.90 | 4 | 4,434.72 | 4 | 4,792.52 | 4 | 5,109.28 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,724.44 | 1/4 | 4,083.37 | 1/4 | 4,442.17 | 1/4 | 4,799.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,731.92 | 1/2 | 4,090.85 | 1/2 | 4,449.63 | 1/2 | 4,807.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,739.40 | 3/4 | 4,098.33 | 3/4 | 4,457.08 | 3/4 | 4,814.89 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,746.88 | 5 | 4,105.81 | 5 | 4,464.54 | 5 | 4,822.34 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,754.36 | 1/4 | 4,113.29 | 1/4 | 4,471.99 | 1/4 | 4,829.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,761.83 | 1/2 | 4,120.76 | 1/2 | 4,479.44 | 1/2 | 4,837.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,769.31 | 3/4 | 4,128.24 | 3/4 | 4,486.90 | 3/4 | 4,844.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,776.79 | 6 | 4,135.72 | 6 | 4,494.35 | 6 | 4,852.16 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,784.27 | 1/4 | 4,143.20 | 1/4 | 4,501.81 | 1/4 | 4,859.60 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,791.74 | 1/2 | 4,150.67 | 1/2 | 4,509.26 | 1/2 | 4,867.04 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,799.22 | 3/4 | 4,158.15 | 3/4 | 4,516.72 | 3/4 | 4,874.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,806.70 | 7 | 4,165.63 | 7 | 4,524.17 | 7 | 4,881.92 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,814.18 | 1/4 | 4,173.11 | 1/4 | 4,531.62 | 1/4 | 4,889.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,821.65 | 1/2 | 4,180.58 | 1/2 | 4,539.08 | 1/2 | 4,896.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,829.13 | 3/4 | 4,188.06 | 3/4 | 4,546.53 | 3/4 | 4,904.13 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,836.61 | 8 | 4,195.54 | 8 | 4,553.99 | 8 | 4,911.53 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,844.09 | 1/4 | 4,203.02 | 1/4 | 4,561.44 | 1/4 | 4,918.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,851.57 | 1/2 | 4,210.50 | 1/2 | 4,568.90 | 1/2 | 4,926.34 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,859.04 | 3/4 | 4,217.97 | 3/4 | 4,576.35 | 3/4 | 4,933.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,866.52 | 9 | 4,225.45 | 9 | 4,583.80 | 9 | 4,941.14 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,874.00 | 1/4 | 4,232.93 | 1/4 | 4,591.26 | 1/4 | 4,948.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,881.48 | 1/2 | 4,240.41 | 1/2 | 4,598.71 | 1/2 | 4,955.94 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,888.95 | 3/4 | 4,247.88 | 3/4 | 4,606.17 | 3/4 | 4,963.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,896.43 | 10 | 4,255.36 | 10 | 4,613.62 | 10 | 4,970.75 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,903.91 | 1/4 | 4,262.84 | 1/4 | 4,621.08 | 1/4 | 4,978.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,911.39 | 1/2 | 4,270.32 | 1/2 | 4,628.53 | 1/2 | 4,985.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,918.86 | 3/4 | 4,277.79 | 3/4 | 4,635.98 | 3/4 | 4,992.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,926.34 | 11 | 4,285.27 | 11 | 4,643.44 | 11 | 5,000.30 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,933.82 | 1/4 | 4,292.75 | 1/4 | 4,650.89 | 1/4 | 5,007.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,941.30 | 1/2 | 4,300.23 | 1/2 | 4,658.35 | 1/2 | 5,014.79 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,948.78 | 3/4 | 4,307.71 | 3/4 | 4,665.80 | 3/4 | 5,022.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

**2 STBD
INNAGE TABLE**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-06 1/2"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,580.66 | 0 | 3,939.50 | 0 | 4,298.35 | 0 | 4,656.33 | 0 | 5,012.27 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,588.14 | 1/4 | 3,946.98 | 1/4 | 4,305.82 | 1/4 | 4,663.79 | 1/4 | 5,018.87 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,595.61 | 1/2 | 3,954.46 | 1/2 | 4,313.30 | 1/2 | 4,671.24 | 1/2 | 5,025.47 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,603.09 | 3/4 | 3,961.93 | 3/4 | 4,320.78 | 3/4 | 4,678.69 | 3/4 | 5,032.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,610.56 | 1 | 3,969.41 | 1 | 4,328.25 | 1 | 4,686.14 | 1 | 5,038.67 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,618.04 | 1/4 | 3,976.88 | 1/4 | 4,335.73 | 1/4 | 4,693.60 | 1/4 | 5,044.20 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,625.52 | 1/2 | 3,984.36 | 1/2 | 4,343.20 | 1/2 | 4,701.05 | 1/2 | 5,049.74 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,632.99 | 3/4 | 3,991.84 | 3/4 | 4,350.68 | 3/4 | 4,708.50 | 3/4 | 5,055.27 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,640.47 | 2 | 3,999.31 | 2 | 4,358.15 | 2 | 4,715.95 | 2 | 5,060.80 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,647.94 | 1/4 | 4,006.79 | 1/4 | 4,365.63 | 1/4 | 4,723.41 | 1/4 | 5,065.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,655.42 | 1/2 | 4,014.26 | 1/2 | 4,373.10 | 1/2 | 4,730.86 | 1/2 | 5,069.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,662.90 | 3/4 | 4,021.74 | 3/4 | 4,380.57 | 3/4 | 4,738.31 | 3/4 | 5,074.20 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,670.37 | 3 | 4,029.21 | 3 | 4,388.04 | 3 | 4,745.76 | 3 | 5,078.66 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,677.85 | 1/4 | 4,036.69 | 1/4 | 4,395.50 | 1/4 | 4,753.22 | 1/4 | 5,082.06 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,685.32 | 1/2 | 4,044.17 | 1/2 | 4,402.95 | 1/2 | 4,760.67 | 1/2 | 5,085.46 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,692.80 | 3/4 | 4,051.64 | 3/4 | 4,410.40 | 3/4 | 4,768.12 | 3/4 | 5,088.85 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,700.28 | 4 | 4,059.12 | 4 | 4,417.85 | 4 | 4,775.57 | 4 | 5,092.25 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,707.75 | 1/4 | 4,066.59 | 1/4 | 4,425.31 | 1/4 | 4,783.03 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,715.23 | 1/2 | 4,074.07 | 1/2 | 4,432.76 | 1/2 | 4,790.48 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,722.70 | 3/4 | 4,081.55 | 3/4 | 4,440.21 | 3/4 | 4,797.93 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,730.18 | 5 | 4,089.02 | 5 | 4,447.66 | 5 | 4,805.38 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,737.65 | 1/4 | 4,096.50 | 1/4 | 4,455.12 | 1/4 | 4,812.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,745.13 | 1/2 | 4,103.97 | 1/2 | 4,462.57 | 1/2 | 4,820.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,752.61 | 3/4 | 4,111.45 | 3/4 | 4,470.02 | 3/4 | 4,827.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,760.08 | 6 | 4,118.93 | 6 | 4,477.47 | 6 | 4,835.19 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,767.56 | 1/4 | 4,126.40 | 1/4 | 4,484.93 | 1/4 | 4,842.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,775.03 | 1/2 | 4,133.88 | 1/2 | 4,492.38 | 1/2 | 4,850.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,782.51 | 3/4 | 4,141.35 | 3/4 | 4,499.83 | 3/4 | 4,857.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,789.99 | 7 | 4,148.83 | 7 | 4,507.28 | 7 | 4,864.95 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,797.46 | 1/4 | 4,156.31 | 1/4 | 4,514.74 | 1/4 | 4,872.35 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,804.94 | 1/2 | 4,163.78 | 1/2 | 4,522.19 | 1/2 | 4,879.75 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,812.41 | 3/4 | 4,171.26 | 3/4 | 4,529.64 | 3/4 | 4,887.15 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,819.89 | 8 | 4,178.73 | 8 | 4,537.09 | 8 | 4,894.55 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,827.37 | 1/4 | 4,186.21 | 1/4 | 4,544.55 | 1/4 | 4,901.95 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,834.84 | 1/2 | 4,193.68 | 1/2 | 4,552.00 | 1/2 | 4,909.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,842.32 | 3/4 | 4,201.16 | 3/4 | 4,559.45 | 3/4 | 4,916.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,849.79 | 9 | 4,208.64 | 9 | 4,566.90 | 9 | 4,924.15 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,857.27 | 1/4 | 4,216.11 | 1/4 | 4,574.36 | 1/4 | 4,931.55 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,864.75 | 1/2 | 4,223.59 | 1/2 | 4,581.81 | 1/2 | 4,938.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,872.22 | 3/4 | 4,231.06 | 3/4 | 4,589.26 | 3/4 | 4,946.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,879.70 | 10 | 4,238.54 | 10 | 4,596.71 | 10 | 4,953.75 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,887.17 | 1/4 | 4,246.02 | 1/4 | 4,604.17 | 1/4 | 4,961.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,894.65 | 1/2 | 4,253.49 | 1/2 | 4,611.62 | 1/2 | 4,968.53 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,902.12 | 3/4 | 4,260.97 | 3/4 | 4,619.07 | 3/4 | 4,975.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,909.60 | 11 | 4,268.44 | 11 | 4,626.52 | 11 | 4,983.30 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,917.08 | 1/4 | 4,275.92 | 1/4 | 4,633.98 | 1/4 | 4,990.54 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,924.55 | 1/2 | 4,283.40 | 1/2 | 4,641.43 | 1/2 | 4,997.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,932.03 | 3/4 | 4,290.87 | 3/4 | 4,648.88 | 3/4 | 5,005.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

3 PORT 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 | 3,548.64 | 0 | 3,823.03 | 0 | 4,092.92 | 0 | 4,361.86 | 0 | 4,629.06 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,554.36 | 1/4 | 3,828.72 | 1/4 | 4,098.54 | 1/4 | 4,367.45 | 1/4 | 4,633.82 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,560.08 | 1/2 | 3,834.41 | 1/2 | 4,104.16 | 1/2 | 4,373.05 | 1/2 | 4,638.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,565.79 | 3/4 | 3,840.10 | 3/4 | 4,109.77 | 3/4 | 4,378.65 | 3/4 | 4,643.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,571.51 | 1 | 3,845.79 | 1 | 4,115.39 | 1 | 4,384.25 | 1 | 4,648.10 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,577.22 | 1/4 | 3,851.41 | 1/4 | 4,121.01 | 1/4 | 4,389.85 | 1/4 | 4,652.24 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,582.94 | 1/2 | 3,857.02 | 1/2 | 4,126.62 | 1/2 | 4,395.45 | 1/2 | 4,656.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,588.66 | 3/4 | 3,862.64 | 3/4 | 4,132.24 | 3/4 | 4,401.05 | 3/4 | 4,660.50 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,594.37 | 2 | 3,868.26 | 2 | 4,137.86 | 2 | 4,406.64 | 2 | 4,664.63 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,600.09 | 1/4 | 3,873.87 | 1/4 | 4,143.47 | 1/4 | 4,412.24 | 1/4 | 4,669.00 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,605.81 | 1/2 | 3,879.49 | 1/2 | 4,149.08 | 1/2 | 4,417.84 | 1/2 | 4,673.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,611.52 | 3/4 | 3,885.11 | 3/4 | 4,154.69 | 3/4 | 4,423.44 | 3/4 | 4,677.74 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,617.24 | 3 | 3,890.72 | 3 | 4,160.31 | 3 | 4,429.04 | 3 | 4,682.11 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,622.95 | 1/4 | 3,896.34 | 1/4 | 4,165.90 | 1/4 | 4,434.64 | 1/4 | 4,685.41 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.67 | 1/2 | 3,901.96 | 1/2 | 4,171.50 | 1/2 | 4,440.24 | 1/2 | 4,688.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,634.39 | 3/4 | 3,907.57 | 3/4 | 4,177.10 | 3/4 | 4,445.83 | 3/4 | 4,692.02 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,640.10 | 4 | 3,913.19 | 4 | 4,182.70 | 4 | 4,451.43 | 4 | 4,695.33 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,645.82 | 1/4 | 3,918.81 | 1/4 | 4,188.30 | 1/4 | 4,457.03 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,651.54 | 1/2 | 3,924.42 | 1/2 | 4,193.90 | 1/2 | 4,462.63 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.25 | 3/4 | 3,930.04 | 3/4 | 4,199.50 | 3/4 | 4,468.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,662.97 | 5 | 3,935.66 | 5 | 4,205.09 | 5 | 4,473.83 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,668.68 | 1/4 | 3,941.27 | 1/4 | 4,210.69 | 1/4 | 4,479.43 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,674.40 | 1/2 | 3,946.89 | 1/2 | 4,216.29 | 1/2 | 4,485.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,680.12 | 3/4 | 3,952.51 | 3/4 | 4,221.89 | 3/4 | 4,490.62 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,685.83 | 6 | 3,958.12 | 6 | 4,227.49 | 6 | 4,496.22 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,691.55 | 1/4 | 3,963.74 | 1/4 | 4,233.09 | 1/4 | 4,501.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,697.27 | 1/2 | 3,969.36 | 1/2 | 4,238.69 | 1/2 | 4,507.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,702.98 | 3/4 | 3,974.97 | 3/4 | 4,244.29 | 3/4 | 4,512.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,708.70 | 7 | 3,980.59 | 7 | 4,249.88 | 7 | 4,518.58 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,714.42 | 1/4 | 3,986.21 | 1/4 | 4,255.48 | 1/4 | 4,524.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,720.13 | 1/2 | 3,991.82 | 1/2 | 4,261.08 | 1/2 | 4,529.69 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,725.85 | 3/4 | 3,997.44 | 3/4 | 4,266.68 | 3/4 | 4,535.25 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,731.56 | 8 | 4,003.06 | 8 | 4,272.28 | 8 | 4,540.81 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,737.28 | 1/4 | 4,008.67 | 1/4 | 4,277.88 | 1/4 | 4,546.37 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,743.00 | 1/2 | 4,014.29 | 1/2 | 4,283.48 | 1/2 | 4,551.93 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,748.71 | 3/4 | 4,019.91 | 3/4 | 4,289.07 | 3/4 | 4,557.49 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,754.43 | 9 | 4,025.52 | 9 | 4,294.67 | 9 | 4,563.05 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,760.15 | 1/4 | 4,031.14 | 1/4 | 4,300.27 | 1/4 | 4,568.61 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,765.86 | 1/2 | 4,036.76 | 1/2 | 4,305.87 | 1/2 | 4,574.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,771.58 | 3/4 | 4,042.37 | 3/4 | 4,311.47 | 3/4 | 4,579.72 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,777.29 | 10 | 4,047.99 | 10 | 4,317.07 | 10 | 4,585.28 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,783.01 | 1/4 | 4,053.61 | 1/4 | 4,322.67 | 1/4 | 4,590.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,788.73 | 1/2 | 4,059.22 | 1/2 | 4,328.26 | 1/2 | 4,596.37 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,794.44 | 3/4 | 4,064.84 | 3/4 | 4,333.86 | 3/4 | 4,601.92 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,800.16 | 11 | 4,070.46 | 11 | 4,339.46 | 11 | 4,607.46 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,805.88 | 1/4 | 4,076.07 | 1/4 | 4,345.06 | 1/4 | 4,612.86 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,811.59 | 1/2 | 4,081.69 | 1/2 | 4,350.66 | 1/2 | 4,618.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,817.31 | 3/4 | 4,087.31 | 3/4 | 4,356.26 | 3/4 | 4,623.66 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 3,525.98 | 0 | 3,800.36 | 0 | 4,070.26 | 0 | 4,339.19 | 0 | 4,606.40 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,531.69 | 1/4 | 3,806.05 | 1/4 | 4,075.88 | 1/4 | 4,344.79 | 1/4 | 4,611.16 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,537.41 | 1/2 | 3,811.74 | 1/2 | 4,081.49 | 1/2 | 4,350.39 | 1/2 | 4,615.92 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,543.13 | 3/4 | 3,817.43 | 3/4 | 4,087.11 | 3/4 | 4,355.99 | 3/4 | 4,620.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,548.84 | 1 | 3,823.12 | 1 | 4,092.73 | 1 | 4,361.59 | 1 | 4,625.44 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,554.56 | 1/4 | 3,828.74 | 1/4 | 4,098.34 | 1/4 | 4,367.18 | 1/4 | 4,629.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,560.28 | 1/2 | 3,834.36 | 1/2 | 4,103.96 | 1/2 | 4,372.78 | 1/2 | 4,633.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,565.99 | 3/4 | 3,839.97 | 3/4 | 4,109.58 | 3/4 | 4,378.38 | 3/4 | 4,637.83 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,571.71 | 2 | 3,845.59 | 2 | 4,115.19 | 2 | 4,383.98 | 2 | 4,641.96 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,577.42 | 1/4 | 3,851.21 | 1/4 | 4,120.80 | 1/4 | 4,389.58 | 1/4 | 4,646.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,583.14 | 1/2 | 3,856.82 | 1/2 | 4,126.42 | 1/2 | 4,395.18 | 1/2 | 4,650.70 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,588.86 | 3/4 | 3,862.44 | 3/4 | 4,132.03 | 3/4 | 4,400.78 | 3/4 | 4,655.07 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,594.57 | 3 | 3,868.06 | 3 | 4,137.64 | 3 | 4,406.37 | 3 | 4,659.45 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,600.29 | 1/4 | 3,873.67 | 1/4 | 4,143.24 | 1/4 | 4,411.97 | 1/4 | 4,662.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,606.01 | 1/2 | 3,879.29 | 1/2 | 4,148.84 | 1/2 | 4,417.57 | 1/2 | 4,666.06 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,611.72 | 3/4 | 3,884.91 | 3/4 | 4,154.44 | 3/4 | 4,423.17 | 3/4 | 4,669.36 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,617.44 | 4 | 3,890.52 | 4 | 4,160.04 | 4 | 4,428.77 | 4 | 4,672.67 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,623.15 | 1/4 | 3,896.14 | 1/4 | 4,165.63 | 1/4 | 4,434.37 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.87 | 1/2 | 3,901.76 | 1/2 | 4,171.23 | 1/2 | 4,439.97 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,634.59 | 3/4 | 3,907.37 | 3/4 | 4,176.83 | 3/4 | 4,445.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,640.30 | 5 | 3,912.99 | 5 | 4,182.43 | 5 | 4,451.16 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,646.02 | 1/4 | 3,918.61 | 1/4 | 4,188.03 | 1/4 | 4,456.76 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,651.74 | 1/2 | 3,924.22 | 1/2 | 4,193.63 | 1/2 | 4,462.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,657.45 | 3/4 | 3,929.84 | 3/4 | 4,199.23 | 3/4 | 4,467.96 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,663.17 | 6 | 3,935.46 | 6 | 4,204.82 | 6 | 4,473.56 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,668.88 | 1/4 | 3,941.07 | 1/4 | 4,210.42 | 1/4 | 4,479.15 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,674.60 | 1/2 | 3,946.69 | 1/2 | 4,216.02 | 1/2 | 4,484.73 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,680.32 | 3/4 | 3,952.31 | 3/4 | 4,221.62 | 3/4 | 4,490.32 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,686.03 | 7 | 3,957.93 | 7 | 4,227.22 | 7 | 4,495.91 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,691.75 | 1/4 | 3,963.54 | 1/4 | 4,232.82 | 1/4 | 4,501.47 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,697.47 | 1/2 | 3,969.16 | 1/2 | 4,238.42 | 1/2 | 4,507.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,703.18 | 3/4 | 3,974.78 | 3/4 | 4,244.01 | 3/4 | 4,512.59 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,708.90 | 8 | 3,980.39 | 8 | 4,249.61 | 8 | 4,518.15 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,714.62 | 1/4 | 3,986.01 | 1/4 | 4,255.21 | 1/4 | 4,523.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,720.33 | 1/2 | 3,991.63 | 1/2 | 4,260.81 | 1/2 | 4,529.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,726.05 | 3/4 | 3,997.24 | 3/4 | 4,266.41 | 3/4 | 4,534.82 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,731.76 | 9 | 4,002.86 | 9 | 4,272.01 | 9 | 4,540.38 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,737.48 | 1/4 | 4,008.48 | 1/4 | 4,277.61 | 1/4 | 4,545.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,743.20 | 1/2 | 4,014.09 | 1/2 | 4,283.21 | 1/2 | 4,551.50 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,748.91 | 3/4 | 4,019.71 | 3/4 | 4,288.80 | 3/4 | 4,557.06 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,754.63 | 10 | 4,025.33 | 10 | 4,294.40 | 10 | 4,562.62 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,760.35 | 1/4 | 4,030.94 | 1/4 | 4,300.00 | 1/4 | 4,568.16 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,766.06 | 1/2 | 4,036.56 | 1/2 | 4,305.60 | 1/2 | 4,573.71 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,771.78 | 3/4 | 4,042.18 | 3/4 | 4,311.20 | 3/4 | 4,579.25 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,777.49 | 11 | 4,047.79 | 11 | 4,316.80 | 11 | 4,584.80 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,783.21 | 1/4 | 4,053.41 | 1/4 | 4,322.40 | 1/4 | 4,590.20 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,788.93 | 1/2 | 4,059.03 | 1/2 | 4,327.99 | 1/2 | 4,595.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,794.64 | 3/4 | 4,064.64 | 3/4 | 4,333.59 | 3/4 | 4,601.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE 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 | 84 | 0 | 210 | 0 | 321 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1 | 1/4 | 86 | 1/4 | 212 | 1/4 | 323 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1 | 1/2 | 89 | 1/2 | 215 | 1/2 | 325 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2 | 3/4 | 91 | 3/4 | 217 | 3/4 | 327 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 2 | 1 | 94 | 1 | 220 | 1 | 328 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3 | 1/4 | 96 | 1/4 | 223 | 1/4 | 330 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 4 | 1/2 | 99 | 1/2 | 225 | 1/2 | 331 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 5 | 3/4 | 101 | 3/4 | 228 | 3/4 | 333 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 6 | 2 | 104 | 2 | 230 | 2 | 334 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 7 | 1/4 | 106 | 1/4 | 233 | 1/4 | 336 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 9 | 1/2 | 109 | 1/2 | 236 | 1/2 | 337 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 10 | 3/4 | 111 | 3/4 | 238 | 3/4 | 338 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 11 | 3 | 114 | 3 | 241 | 3 | 340 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 13 | 1/4 | 117 | 1/4 | 243 | 1/4 | 341 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 14 | 1/2 | 119 | 1/2 | 246 | 1/2 | 342 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 16 | 3/4 | 122 | 3/4 | 248 | 3/4 | 343 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 17 | 4 | 124 | 4 | 251 | 4 | 344 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 19 | 1/4 | 127 | 1/4 | 253 | 1/4 | 345 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 21 | 1/2 | 130 | 1/2 | 256 | 1/2 | 345 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 22 | 3/4 | 132 | 3/4 | 258 | 3/4 | 346 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 24 | 5 | 135 | 5 | 261 | 5 | 347 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 26 | 1/4 | 138 | 1/4 | 263 | 1/4 | 347 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 28 | 1/2 | 140 | 1/2 | 266 | 1/2 | 347 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 29 | 3/4 | 143 | 3/4 | 268 | 3/4 | 347 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 31 | 6 | 146 | 6 | 270 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 33 | 1/4 | 148 | 1/4 | 273 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 35 | 1/2 | 151 | 1/2 | 275 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 37 | 3/4 | 154 | 3/4 | 277 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 39 | 7 | 156 | 7 | 280 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 41 | 1/4 | 159 | 1/4 | 282 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 43 | 1/2 | 162 | 1/2 | 284 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 45 | 3/4 | 164 | 3/4 | 287 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 47 | 8 | 167 | 8 | 289 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 49 | 1/4 | 170 | 1/4 | 291 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 52 | 1/2 | 172 | 1/2 | 293 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54 | 3/4 | 175 | 3/4 | 296 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 56 | 9 | 178 | 9 | 298 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 58 | 1/4 | 180 | 1/4 | 300 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 60 | 1/2 | 183 | 1/2 | 302 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 63 | 3/4 | 186 | 3/4 | 304 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 65 | 10 | 188 | 10 | 306 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 67 | 1/4 | 191 | 1/4 | 308 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 70 | 1/2 | 194 | 1/2 | 310 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 72 | 3/4 | 196 | 3/4 | 312 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 74 | 11 | 199 | 11 | 314 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 77 | 1/4 | 202 | 1/4 | 316 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 79 | 1/2 | 204 | 1/2 | 318 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 82 | 3/4 | 207 | 3/4 | 320 | 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 2" DIAMETER PIPE

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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



BARGE "MPC 921"

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 | 389 | 0 | 778 | 0 | 1,168 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 8 | 1/4 | 397 | 1/4 | 787 | 1/4 | 1,176 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 16 | 1/2 | 405 | 1/2 | 795 | 1/2 | 1,184 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 24 | 3/4 | 414 | 3/4 | 803 | 3/4 | 1,192 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 32 | 1 | 422 | 1 | 811 | 1 | 1,200 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 41 | 1/4 | 430 | 1/4 | 819 | 1/4 | 1,208 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 49 | 1/2 | 438 | 1/2 | 827 | 1/2 | 1,216 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 57 | 3/4 | 446 | 3/4 | 835 | 3/4 | 1,224 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 65 | 2 | 454 | 2 | 843 | 2 | 1,232 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 73 | 1/4 | 462 | 1/4 | 851 | 1/4 | 1,241 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 81 | 1/2 | 470 | 1/2 | 859 | 1/2 | 1,249 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 89 | 3/4 | 478 | 3/4 | 868 | 3/4 | 1,257 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 97 | 3 | 487 | 3 | 876 | 3 | 1,265 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 105 | 1/4 | 495 | 1/4 | 884 | 1/4 | 1,273 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 114 | 1/2 | 503 | 1/2 | 892 | 1/2 | 1,281 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 122 | 3/4 | 511 | 3/4 | 900 | 3/4 | 1,289 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 130 | 4 | 519 | 4 | 908 | 4 | 1,297 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 138 | 1/4 | 527 | 1/4 | 916 | 1/4 | 1,305 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 146 | 1/2 | 535 | 1/2 | 924 | 1/2 | 1,314 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 154 | 3/4 | 543 | 3/4 | 932 | 3/4 | 1,322 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 162 | 5 | 551 | 5 | 941 | 5 | 1,330 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 170 | 1/4 | 559 | 1/4 | 949 | 1/4 | 1,333 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 178 | 1/2 | 568 | 1/2 | 957 | 1/2 | 1,336 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 186 | 3/4 | 576 | 3/4 | 965 | 3/4 | 1,340 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 195 | 6 | 584 | 6 | 973 | 6 | 1,343 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 203 | 1/4 | 592 | 1/4 | 981 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 211 | 1/2 | 600 | 1/2 | 989 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 219 | 3/4 | 608 | 3/4 | 997 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 227 | 7 | 616 | 7 | 1,005 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 235 | 1/4 | 624 | 1/4 | 1,014 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 243 | 1/2 | 632 | 1/2 | 1,022 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 251 | 3/4 | 641 | 3/4 | 1,030 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 259 | 8 | 649 | 8 | 1,038 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 268 | 1/4 | 657 | 1/4 | 1,046 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 276 | 1/2 | 665 | 1/2 | 1,054 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 284 | 3/4 | 673 | 3/4 | 1,062 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 292 | 9 | 681 | 9 | 1,070 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 300 | 1/4 | 689 | 1/4 | 1,078 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 308 | 1/2 | 697 | 1/2 | 1,087 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 316 | 3/4 | 705 | 3/4 | 1,095 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 324 | 10 | 714 | 10 | 1,103 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 332 | 1/4 | 722 | 1/4 | 1,111 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 341 | 1/2 | 730 | 1/2 | 1,119 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 349 | 3/4 | 738 | 3/4 | 1,127 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 357 | 11 | 746 | 11 | 1,135 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 365 | 1/4 | 754 | 1/4 | 1,143 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 373 | 1/2 | 762 | 1/2 | 1,151 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 381 | 3/4 | 770 | 3/4 | 1,160 | 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

STRAPPED: 06/12/2014 SW
CALCULATED: 06/12/2014 CL
PRINTED: 06/12/2014 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2014

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