



BARGE "E2MS 301"

INNAGE (HERMETIC)

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

LENGTH BETWEEN DRAFT MARKS: 235'-09"

November 20, 2012

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

<http://www.pmacorp.net>



BARGE "E2MS 301"

1 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--|--------|--|--------|--|--------|--|--------|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | 3,523.57 | 0 | 3,882.42 | 0 | 4,240.59 | 0 | 4,598.40 | 0 | 4,954.40 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,531.04 | 1/4 | 3,889.90 | 1/4 | 4,248.04 | 1/4 | 4,605.86 | 1/4 | 4,961.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,538.52 | 1/2 | 3,897.38 | 1/2 | 4,255.50 | 1/2 | 4,613.31 | 1/2 | 4,969.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,546.00 | 3/4 | 3,904.85 | 3/4 | 4,262.95 | 3/4 | 4,620.77 | 3/4 | 4,976.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,553.47 | 1 | 3,912.33 | 1 | 4,270.41 | 1 | 4,628.22 | 1 | 4,983.65 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,560.95 | 1/4 | 3,919.81 | 1/4 | 4,277.86 | 1/4 | 4,635.68 | 1/4 | 4,990.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,568.42 | 1/2 | 3,927.28 | 1/2 | 4,285.31 | 1/2 | 4,643.13 | 1/2 | 4,996.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,575.90 | 3/4 | 3,934.76 | 3/4 | 4,292.77 | 3/4 | 4,650.58 | 3/4 | 5,002.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,583.38 | 2 | 3,942.23 | 2 | 4,300.22 | 2 | 4,658.04 | 2 | 5,009.44 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,590.85 | 1/4 | 3,949.71 | 1/4 | 4,307.68 | 1/4 | 4,665.49 | 1/4 | 5,014.64 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,598.33 | 1/2 | 3,957.19 | 1/2 | 4,315.13 | 1/2 | 4,672.95 | 1/2 | 5,019.84 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,605.80 | 3/4 | 3,964.66 | 3/4 | 4,322.59 | 3/4 | 4,680.40 | 3/4 | 5,025.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,613.28 | 3 | 3,972.14 | 3 | 4,330.04 | 3 | 4,687.86 | 3 | 5,030.25 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,620.76 | 1/4 | 3,979.61 | 1/4 | 4,337.50 | 1/4 | 4,695.31 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,628.23 | 1/2 | 3,987.09 | 1/2 | 4,344.95 | 1/2 | 4,702.77 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,635.71 | 3/4 | 3,994.57 | 3/4 | 4,352.40 | 3/4 | 4,710.22 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,643.19 | 4 | 4,002.04 | 4 | 4,359.86 | 4 | 4,717.68 | 4 | 4 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,650.66 | 1/4 | 4,009.50 | 1/4 | 4,367.31 | 1/4 | 4,725.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,658.14 | 1/2 | 4,016.95 | 1/2 | 4,374.77 | 1/2 | 4,732.58 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,665.61 | 3/4 | 4,024.41 | 3/4 | 4,382.22 | 3/4 | 4,740.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,673.09 | 5 | 4,031.86 | 5 | 4,389.68 | 5 | 4,747.49 | 5 | 5 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,680.57 | 1/4 | 4,039.32 | 1/4 | 4,397.13 | 1/4 | 4,754.95 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,688.04 | 1/2 | 4,046.77 | 1/2 | 4,404.59 | 1/2 | 4,762.40 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,695.52 | 3/4 | 4,054.22 | 3/4 | 4,412.04 | 3/4 | 4,769.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,703.00 | 6 | 4,061.68 | 6 | 4,419.50 | 6 | 4,777.31 | 6 | 6 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,710.47 | 1/4 | 4,069.13 | 1/4 | 4,426.95 | 1/4 | 4,784.69 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,717.95 | 1/2 | 4,076.59 | 1/2 | 4,434.40 | 1/2 | 4,792.07 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,725.42 | 3/4 | 4,084.04 | 3/4 | 4,441.86 | 3/4 | 4,799.45 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,732.90 | 7 | 4,091.50 | 7 | 4,449.31 | 7 | 4,806.84 | 7 | 7 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,740.38 | 1/4 | 4,098.95 | 1/4 | 4,456.77 | 1/4 | 4,814.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,747.85 | 1/2 | 4,106.41 | 1/2 | 4,464.22 | 1/2 | 4,821.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,755.33 | 3/4 | 4,113.86 | 3/4 | 4,471.68 | 3/4 | 4,828.98 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,762.81 | 8 | 4,121.32 | 8 | 4,479.13 | 8 | 4,836.36 | 8 | 8 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,770.28 | 1/4 | 4,128.77 | 1/4 | 4,486.59 | 1/4 | 4,843.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,777.76 | 1/2 | 4,136.22 | 1/2 | 4,494.04 | 1/2 | 4,851.12 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,785.23 | 3/4 | 4,143.68 | 3/4 | 4,501.49 | 3/4 | 4,858.50 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,792.71 | 9 | 4,151.13 | 9 | 4,508.95 | 9 | 4,865.88 | 9 | 9 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,800.19 | 1/4 | 4,158.59 | 1/4 | 4,516.40 | 1/4 | 4,873.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,807.66 | 1/2 | 4,166.04 | 1/2 | 4,523.86 | 1/2 | 4,880.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,815.14 | 3/4 | 4,173.50 | 3/4 | 4,531.31 | 3/4 | 4,888.03 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,822.61 | 10 | 4,180.95 | 10 | 4,538.77 | 10 | 4,895.41 | 10 | 10 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,830.09 | 1/4 | 4,188.41 | 1/4 | 4,546.22 | 1/4 | 4,902.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,837.57 | 1/2 | 4,195.86 | 1/2 | 4,553.68 | 1/2 | 4,910.17 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,845.04 | 3/4 | 4,203.31 | 3/4 | 4,561.13 | 3/4 | 4,917.55 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,852.52 | 11 | 4,210.77 | 11 | 4,568.59 | 11 | 4,924.93 | 11 | 11 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,860.00 | 1/4 | 4,218.22 | 1/4 | 4,576.04 | 1/4 | 4,932.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,867.47 | 1/2 | 4,225.68 | 1/2 | 4,583.49 | 1/2 | 4,939.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,874.95 | 3/4 | 4,233.13 | 3/4 | 4,590.95 | 3/4 | 4,947.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "E2MS 301"

1 STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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 | 3,525.60 | 0 | 3,884.46 | 0 | 4,242.62 | 0 | 4,600.42 | 0 | 4,956.41 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,533.08 | 1/4 | 3,891.94 | 1/4 | 4,250.07 | 1/4 | 4,607.87 | 1/4 | 4,963.72 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,540.56 | 1/2 | 3,899.41 | 1/2 | 4,257.52 | 1/2 | 4,615.33 | 1/2 | 4,971.03 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,548.03 | 3/4 | 3,906.89 | 3/4 | 4,264.98 | 3/4 | 4,622.78 | 3/4 | 4,978.34 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,555.51 | 1 | 3,914.37 | 1 | 4,272.43 | 1 | 4,630.23 | 1 | 4,985.65 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,562.99 | 1/4 | 3,921.84 | 1/4 | 4,279.89 | 1/4 | 4,637.69 | 1/4 | 4,992.10 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,570.46 | 1/2 | 3,929.32 | 1/2 | 4,287.34 | 1/2 | 4,645.14 | 1/2 | 4,998.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,577.94 | 3/4 | 3,936.80 | 3/4 | 4,294.80 | 3/4 | 4,652.60 | 3/4 | 5,005.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,585.41 | 2 | 3,944.27 | 2 | 4,302.25 | 2 | 4,660.05 | 2 | 5,011.44 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,592.89 | 1/4 | 3,951.75 | 1/4 | 4,309.70 | 1/4 | 4,667.51 | 1/4 | 5,016.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,600.37 | 1/2 | 3,959.22 | 1/2 | 4,317.16 | 1/2 | 4,674.96 | 1/2 | 5,021.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,607.84 | 3/4 | 3,966.70 | 3/4 | 4,324.61 | 3/4 | 4,682.41 | 3/4 | 5,027.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,615.32 | 3 | 3,974.18 | 3 | 4,332.07 | 3 | 4,689.87 | 3 | 5,032.25 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,622.80 | 1/4 | 3,981.65 | 1/4 | 4,339.52 | 1/4 | 4,697.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,630.27 | 1/2 | 3,989.13 | 1/2 | 4,346.97 | 1/2 | 4,704.78 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,637.75 | 3/4 | 3,996.61 | 3/4 | 4,354.43 | 3/4 | 4,712.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,645.22 | 4 | 4,004.08 | 4 | 4,361.88 | 4 | 4,719.68 | 4 | 4 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,652.70 | 1/4 | 4,011.54 | 1/4 | 4,369.34 | 1/4 | 4,727.14 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,660.18 | 1/2 | 4,018.99 | 1/2 | 4,376.79 | 1/2 | 4,734.59 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,667.65 | 3/4 | 4,026.44 | 3/4 | 4,384.25 | 3/4 | 4,742.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,675.13 | 5 | 4,033.90 | 5 | 4,391.70 | 5 | 4,749.50 | 5 | 5 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,682.60 | 1/4 | 4,041.35 | 1/4 | 4,399.15 | 1/4 | 4,756.96 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,690.08 | 1/2 | 4,048.81 | 1/2 | 4,406.61 | 1/2 | 4,764.41 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,697.56 | 3/4 | 4,056.26 | 3/4 | 4,414.06 | 3/4 | 4,771.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,705.03 | 6 | 4,063.72 | 6 | 4,421.52 | 6 | 4,779.32 | 6 | 6 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,712.51 | 1/4 | 4,071.17 | 1/4 | 4,428.97 | 1/4 | 4,786.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,719.99 | 1/2 | 4,078.62 | 1/2 | 4,436.43 | 1/2 | 4,794.08 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,727.46 | 3/4 | 4,086.08 | 3/4 | 4,443.88 | 3/4 | 4,801.46 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,734.94 | 7 | 4,093.53 | 7 | 4,451.33 | 7 | 4,808.84 | 7 | 7 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,742.41 | 1/4 | 4,100.99 | 1/4 | 4,458.79 | 1/4 | 4,816.22 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,749.89 | 1/2 | 4,108.44 | 1/2 | 4,466.24 | 1/2 | 4,823.60 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,757.37 | 3/4 | 4,115.89 | 3/4 | 4,473.70 | 3/4 | 4,830.99 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,764.84 | 8 | 4,123.35 | 8 | 4,481.15 | 8 | 4,838.37 | 8 | 8 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,772.32 | 1/4 | 4,130.80 | 1/4 | 4,488.60 | 1/4 | 4,845.75 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,779.80 | 1/2 | 4,138.26 | 1/2 | 4,496.06 | 1/2 | 4,853.13 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,787.27 | 3/4 | 4,145.71 | 3/4 | 4,503.51 | 3/4 | 4,860.51 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,794.75 | 9 | 4,153.17 | 9 | 4,510.97 | 9 | 4,867.89 | 9 | 9 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,802.22 | 1/4 | 4,160.62 | 1/4 | 4,518.42 | 1/4 | 4,875.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,809.70 | 1/2 | 4,168.07 | 1/2 | 4,525.88 | 1/2 | 4,882.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,817.18 | 3/4 | 4,175.53 | 3/4 | 4,533.33 | 3/4 | 4,890.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,824.65 | 10 | 4,182.98 | 10 | 4,540.78 | 10 | 4,897.42 | 10 | 10 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,832.13 | 1/4 | 4,190.44 | 1/4 | 4,548.24 | 1/4 | 4,904.80 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,839.61 | 1/2 | 4,197.89 | 1/2 | 4,555.69 | 1/2 | 4,912.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,847.08 | 3/4 | 4,205.34 | 3/4 | 4,563.15 | 3/4 | 4,919.56 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,854.56 | 11 | 4,212.80 | 11 | 4,570.60 | 11 | 4,926.93 | 11 | 11 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,862.03 | 1/4 | 4,220.25 | 1/4 | 4,578.05 | 1/4 | 4,934.30 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,869.51 | 1/2 | 4,227.71 | 1/2 | 4,585.51 | 1/2 | 4,941.67 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,876.99 | 3/4 | 4,235.16 | 3/4 | 4,592.96 | 3/4 | 4,949.04 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 301"

2 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 3/4"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | 3,578.76 | 0 | 3,938.07 | 0 | 4,296.67 | 0 | 4,654.92 | 0 | 5,011.51 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,586.25 | 1/4 | 3,945.56 | 1/4 | 4,304.13 | 1/4 | 4,662.38 | 1/4 | 5,018.84 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,593.73 | 1/2 | 3,953.04 | 1/2 | 4,311.60 | 1/2 | 4,669.85 | 1/2 | 5,026.16 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,601.22 | 3/4 | 3,960.53 | 3/4 | 4,319.06 | 3/4 | 4,677.31 | 3/4 | 5,033.49 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 3,608.70 | 1 | 3,968.01 | 1 | 4,326.53 | 1 | 4,684.77 | 1 | 5,040.82 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,616.19 | 1/4 | 3,975.50 | 1/4 | 4,333.99 | 1/4 | 4,692.24 | 1/4 | 5,047.28 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,623.67 | 1/2 | 3,982.98 | 1/2 | 4,341.45 | 1/2 | 4,699.70 | 1/2 | 5,053.74 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,631.16 | 3/4 | 3,990.47 | 3/4 | 4,348.92 | 3/4 | 4,707.16 | 3/4 | 5,060.20 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 3,638.65 | 2 | 3,997.95 | 2 | 4,356.38 | 2 | 4,714.63 | 2 | 5,066.67 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,646.13 | 1/4 | 4,005.44 | 1/4 | 4,363.84 | 1/4 | 4,722.09 | 1/4 | 5,071.88 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,653.62 | 1/2 | 4,012.93 | 1/2 | 4,371.31 | 1/2 | 4,729.55 | 1/2 | 5,077.09 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,661.10 | 3/4 | 4,020.41 | 3/4 | 4,378.77 | 3/4 | 4,737.02 | 3/4 | 5,082.31 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 3,668.59 | 3 | 4,027.90 | 3 | 4,386.23 | 3 | 4,744.48 | 3 | 5,087.52 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,676.07 | 1/4 | 4,035.38 | 1/4 | 4,393.70 | 1/4 | 4,751.94 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,683.56 | 1/2 | 4,042.87 | 1/2 | 4,401.16 | 1/2 | 4,759.41 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,691.04 | 3/4 | 4,050.35 | 3/4 | 4,408.62 | 3/4 | 4,766.87 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 3,698.53 | 4 | 4,057.84 | 4 | 4,416.09 | 4 | 4,774.34 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 3,706.02 | 1/4 | 4,065.30 | 1/4 | 4,423.55 | 1/4 | 4,781.80 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,713.50 | 1/2 | 4,072.77 | 1/2 | 4,431.01 | 1/2 | 4,789.26 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,720.99 | 3/4 | 4,080.23 | 3/4 | 4,438.48 | 3/4 | 4,796.73 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 3,728.47 | 5 | 4,087.69 | 5 | 4,445.94 | 5 | 4,804.19 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 3,735.96 | 1/4 | 4,095.16 | 1/4 | 4,453.40 | 1/4 | 4,811.65 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,743.44 | 1/2 | 4,102.62 | 1/2 | 4,460.87 | 1/2 | 4,819.12 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,750.93 | 3/4 | 4,110.08 | 3/4 | 4,468.33 | 3/4 | 4,826.58 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 3,758.42 | 6 | 4,117.55 | 6 | 4,475.80 | 6 | 4,834.04 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 3,765.90 | 1/4 | 4,125.01 | 1/4 | 4,483.26 | 1/4 | 4,841.44 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,773.39 | 1/2 | 4,132.47 | 1/2 | 4,490.72 | 1/2 | 4,848.84 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,780.87 | 3/4 | 4,139.94 | 3/4 | 4,498.19 | 3/4 | 4,856.24 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 3,788.36 | 7 | 4,147.40 | 7 | 4,505.65 | 7 | 4,863.63 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 3,795.84 | 1/4 | 4,154.86 | 1/4 | 4,513.11 | 1/4 | 4,871.03 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,803.33 | 1/2 | 4,162.33 | 1/2 | 4,520.58 | 1/2 | 4,878.43 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,810.81 | 3/4 | 4,169.79 | 3/4 | 4,528.04 | 3/4 | 4,885.83 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 3,818.30 | 8 | 4,177.26 | 8 | 4,535.50 | 8 | 4,893.22 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 3,825.79 | 1/4 | 4,184.72 | 1/4 | 4,542.97 | 1/4 | 4,900.62 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,833.27 | 1/2 | 4,192.18 | 1/2 | 4,550.43 | 1/2 | 4,908.02 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,840.76 | 3/4 | 4,199.65 | 3/4 | 4,557.89 | 3/4 | 4,915.42 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 3,848.24 | 9 | 4,207.11 | 9 | 4,565.36 | 9 | 4,922.81 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 3,855.73 | 1/4 | 4,214.57 | 1/4 | 4,572.82 | 1/4 | 4,930.21 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,863.21 | 1/2 | 4,222.04 | 1/2 | 4,580.28 | 1/2 | 4,937.61 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,870.70 | 3/4 | 4,229.50 | 3/4 | 4,587.75 | 3/4 | 4,945.01 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 3,878.18 | 10 | 4,236.96 | 10 | 4,595.21 | 10 | 4,952.40 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 3,885.67 | 1/4 | 4,244.43 | 1/4 | 4,602.67 | 1/4 | 4,959.80 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,893.16 | 1/2 | 4,251.89 | 1/2 | 4,610.14 | 1/2 | 4,967.19 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,900.64 | 3/4 | 4,259.35 | 3/4 | 4,617.60 | 3/4 | 4,974.59 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 3,908.13 | 11 | 4,266.82 | 11 | 4,625.07 | 11 | 4,981.98 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 3,915.61 | 1/4 | 4,274.28 | 1/4 | 4,632.53 | 1/4 | 4,989.36 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 3,923.10 | 1/2 | 4,281.74 | 1/2 | 4,639.99 | 1/2 | 4,996.75 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 3,930.58 | 3/4 | 4,289.21 | 3/4 | 4,647.46 | 3/4 | 5,004.13 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "E2MS 301"

2 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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 | 3,593.76 | 0 | 3,953.09 | 0 | 4,311.73 | 0 | 4,670.03 | 0 | 5,026.52 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,601.24 | 1/4 | 3,960.57 | 1/4 | 4,319.19 | 1/4 | 4,677.50 | 1/4 | 5,033.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,608.73 | 1/2 | 3,968.06 | 1/2 | 4,326.66 | 1/2 | 4,684.96 | 1/2 | 5,041.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,616.22 | 3/4 | 3,975.54 | 3/4 | 4,334.12 | 3/4 | 4,692.42 | 3/4 | 5,048.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,623.70 | 1 | 3,983.03 | 1 | 4,341.59 | 1 | 4,699.89 | 1 | 5,055.80 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,631.19 | 1/4 | 3,990.52 | 1/4 | 4,349.05 | 1/4 | 4,707.35 | 1/4 | 5,062.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,638.67 | 1/2 | 3,998.00 | 1/2 | 4,356.52 | 1/2 | 4,714.82 | 1/2 | 5,068.72 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,646.16 | 3/4 | 4,005.49 | 3/4 | 4,363.98 | 3/4 | 4,722.28 | 3/4 | 5,075.17 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,653.65 | 2 | 4,012.97 | 2 | 4,371.45 | 2 | 4,729.75 | 2 | 5,081.63 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,661.13 | 1/4 | 4,020.46 | 1/4 | 4,378.91 | 1/4 | 4,737.21 | 1/4 | 5,086.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,668.62 | 1/2 | 4,027.95 | 1/2 | 4,386.38 | 1/2 | 4,744.68 | 1/2 | 5,092.05 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,676.10 | 3/4 | 4,035.43 | 3/4 | 4,393.84 | 3/4 | 4,752.14 | 3/4 | 5,097.26 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,683.59 | 3 | 4,042.92 | 3 | 4,401.30 | 3 | 4,759.61 | 3 | 5,102.46 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,691.08 | 1/4 | 4,050.40 | 1/4 | 4,408.77 | 1/4 | 4,767.07 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,698.56 | 1/2 | 4,057.89 | 1/2 | 4,416.23 | 1/2 | 4,774.53 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,706.05 | 3/4 | 4,065.38 | 3/4 | 4,423.70 | 3/4 | 4,782.00 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,713.53 | 4 | 4,072.86 | 4 | 4,431.16 | 4 | 4,789.46 | 4 | 4 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,721.02 | 1/4 | 4,080.33 | 1/4 | 4,438.63 | 1/4 | 4,796.93 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,728.51 | 1/2 | 4,087.79 | 1/2 | 4,446.09 | 1/2 | 4,804.39 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,735.99 | 3/4 | 4,095.26 | 3/4 | 4,453.56 | 3/4 | 4,811.86 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,743.48 | 5 | 4,102.72 | 5 | 4,461.02 | 5 | 4,819.32 | 5 | 5 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,750.96 | 1/4 | 4,110.19 | 1/4 | 4,468.49 | 1/4 | 4,826.79 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,758.45 | 1/2 | 4,117.65 | 1/2 | 4,475.95 | 1/2 | 4,834.25 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,765.94 | 3/4 | 4,125.11 | 3/4 | 4,483.42 | 3/4 | 4,841.72 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,773.42 | 6 | 4,132.58 | 6 | 4,490.88 | 6 | 4,849.18 | 6 | 6 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,780.91 | 1/4 | 4,140.04 | 1/4 | 4,498.34 | 1/4 | 4,856.57 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,788.39 | 1/2 | 4,147.51 | 1/2 | 4,505.81 | 1/2 | 4,863.96 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,795.88 | 3/4 | 4,154.97 | 3/4 | 4,513.27 | 3/4 | 4,871.35 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,803.37 | 7 | 4,162.44 | 7 | 4,520.74 | 7 | 4,878.74 | 7 | 7 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,810.85 | 1/4 | 4,169.90 | 1/4 | 4,528.20 | 1/4 | 4,886.13 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,818.34 | 1/2 | 4,177.37 | 1/2 | 4,535.67 | 1/2 | 4,893.52 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,825.82 | 3/4 | 4,184.83 | 3/4 | 4,543.13 | 3/4 | 4,900.91 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,833.31 | 8 | 4,192.30 | 8 | 4,550.60 | 8 | 4,908.31 | 8 | 8 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,840.80 | 1/4 | 4,199.76 | 1/4 | 4,558.06 | 1/4 | 4,915.70 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,848.28 | 1/2 | 4,207.23 | 1/2 | 4,565.53 | 1/2 | 4,923.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,855.77 | 3/4 | 4,214.69 | 3/4 | 4,572.99 | 3/4 | 4,930.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,863.25 | 9 | 4,222.15 | 9 | 4,580.46 | 9 | 4,937.87 | 9 | 9 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,870.74 | 1/4 | 4,229.62 | 1/4 | 4,587.92 | 1/4 | 4,945.26 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,878.23 | 1/2 | 4,237.08 | 1/2 | 4,595.38 | 1/2 | 4,952.65 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,885.71 | 3/4 | 4,244.55 | 3/4 | 4,602.85 | 3/4 | 4,960.05 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,893.20 | 10 | 4,252.01 | 10 | 4,610.31 | 10 | 4,967.44 | 10 | 10 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,900.68 | 1/4 | 4,259.48 | 1/4 | 4,617.78 | 1/4 | 4,974.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,908.17 | 1/2 | 4,266.94 | 1/2 | 4,625.24 | 1/2 | 4,982.22 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,915.66 | 3/4 | 4,274.41 | 3/4 | 4,632.71 | 3/4 | 4,989.61 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,923.14 | 11 | 4,281.87 | 11 | 4,640.17 | 11 | 4,997.00 | 11 | 11 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,930.63 | 1/4 | 4,289.34 | 1/4 | 4,647.64 | 1/4 | 5,004.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,938.11 | 1/2 | 4,296.80 | 1/2 | 4,655.10 | 1/2 | 5,011.76 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,945.60 | 3/4 | 4,304.27 | 3/4 | 4,662.57 | 3/4 | 5,019.14 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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3 PORT INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 1/2"

| 10 FT. | | 11 FT. | | 12 FT. | | 13 FT. | | 14 FT. | | 15 FT. | | 16 FT. | | 17 FT. | | 18 FT. | | 19 FT. | |
|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|--|--------|--|--------|--|--------|--|--------|--|
| IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | | IN | |
| 0 | 3,536.21 | 0 | 3,757.16 | 0 | 3,976.74 | 0 | 4,196.11 | 0 | 4,414.39 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,541.04 | 1/4 | 3,761.74 | 1/4 | 3,981.31 | 1/4 | 4,200.68 | 1/4 | 4,418.87 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,545.86 | 1/2 | 3,766.32 | 1/2 | 3,985.88 | 1/2 | 4,205.25 | 1/2 | 4,423.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,550.68 | 3/4 | 3,770.91 | 3/4 | 3,990.45 | 3/4 | 4,209.82 | 3/4 | 4,427.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,555.51 | 1 | 3,775.49 | 1 | 3,995.02 | 1 | 4,214.39 | 1 | 4,432.32 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,560.09 | 1/4 | 3,780.07 | 1/4 | 3,999.59 | 1/4 | 4,218.96 | 1/4 | 4,436.27 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,564.67 | 1/2 | 3,784.66 | 1/2 | 4,004.16 | 1/2 | 4,223.53 | 1/2 | 4,440.23 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,569.26 | 3/4 | 3,789.24 | 3/4 | 4,008.73 | 3/4 | 4,228.10 | 3/4 | 4,444.18 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,573.84 | 2 | 3,793.82 | 2 | 4,013.30 | 2 | 4,232.67 | 2 | 4,448.13 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,578.42 | 1/4 | 3,798.41 | 1/4 | 4,017.87 | 1/4 | 4,237.24 | 1/4 | 4,451.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,583.00 | 1/2 | 3,802.99 | 1/2 | 4,022.44 | 1/2 | 4,241.81 | 1/2 | 4,454.51 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,587.59 | 3/4 | 3,807.57 | 3/4 | 4,027.01 | 3/4 | 4,246.38 | 3/4 | 4,457.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,592.17 | 3 | 3,812.15 | 3 | 4,031.58 | 3 | 4,250.95 | 3 | 4,460.89 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,596.75 | 1/4 | 3,816.74 | 1/4 | 4,036.15 | 1/4 | 4,255.52 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,601.34 | 1/2 | 3,821.32 | 1/2 | 4,040.72 | 1/2 | 4,260.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,605.92 | 3/4 | 3,825.90 | 3/4 | 4,045.29 | 3/4 | 4,264.67 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,610.50 | 4 | 3,830.49 | 4 | 4,049.86 | 4 | 4,269.24 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,615.09 | 1/4 | 3,835.06 | 1/4 | 4,054.43 | 1/4 | 4,273.81 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,619.67 | 1/2 | 3,839.63 | 1/2 | 4,059.00 | 1/2 | 4,278.38 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,624.25 | 3/4 | 3,844.20 | 3/4 | 4,063.57 | 3/4 | 4,282.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,628.83 | 5 | 3,848.77 | 5 | 4,068.14 | 5 | 4,287.52 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,633.42 | 1/4 | 3,853.34 | 1/4 | 4,072.71 | 1/4 | 4,292.09 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,638.00 | 1/2 | 3,857.91 | 1/2 | 4,077.28 | 1/2 | 4,296.66 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,642.58 | 3/4 | 3,862.48 | 3/4 | 4,081.85 | 3/4 | 4,301.23 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,647.17 | 6 | 3,867.05 | 6 | 4,086.42 | 6 | 4,305.80 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,651.75 | 1/4 | 3,871.62 | 1/4 | 4,090.99 | 1/4 | 4,310.32 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,656.33 | 1/2 | 3,876.19 | 1/2 | 4,095.56 | 1/2 | 4,314.85 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,660.92 | 3/4 | 3,880.76 | 3/4 | 4,100.13 | 3/4 | 4,319.37 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,665.50 | 7 | 3,885.33 | 7 | 4,104.70 | 7 | 4,323.90 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,670.08 | 1/4 | 3,889.90 | 1/4 | 4,109.27 | 1/4 | 4,328.43 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,674.66 | 1/2 | 3,894.47 | 1/2 | 4,113.85 | 1/2 | 4,332.95 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,679.25 | 3/4 | 3,899.04 | 3/4 | 4,118.42 | 3/4 | 4,337.48 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,683.83 | 8 | 3,903.61 | 8 | 4,122.99 | 8 | 4,342.00 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,688.41 | 1/4 | 3,908.18 | 1/4 | 4,127.56 | 1/4 | 4,346.53 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,693.00 | 1/2 | 3,912.75 | 1/2 | 4,132.13 | 1/2 | 4,351.05 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,697.58 | 3/4 | 3,917.32 | 3/4 | 4,136.70 | 3/4 | 4,355.58 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,702.16 | 9 | 3,921.89 | 9 | 4,141.27 | 9 | 4,360.11 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,706.75 | 1/4 | 3,926.46 | 1/4 | 4,145.84 | 1/4 | 4,364.63 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,711.33 | 1/2 | 3,931.03 | 1/2 | 4,150.41 | 1/2 | 4,369.16 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,715.91 | 3/4 | 3,935.60 | 3/4 | 4,154.98 | 3/4 | 4,373.68 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,720.49 | 10 | 3,940.17 | 10 | 4,159.55 | 10 | 4,378.21 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,725.08 | 1/4 | 3,944.74 | 1/4 | 4,164.12 | 1/4 | 4,382.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,729.66 | 1/2 | 3,949.31 | 1/2 | 4,168.69 | 1/2 | 4,387.26 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,734.24 | 3/4 | 3,953.88 | 3/4 | 4,173.26 | 3/4 | 4,391.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,738.83 | 11 | 3,958.46 | 11 | 4,177.83 | 11 | 4,396.32 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,743.41 | 1/4 | 3,963.03 | 1/4 | 4,182.40 | 1/4 | 4,400.83 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,747.99 | 1/2 | 3,967.60 | 1/2 | 4,186.97 | 1/2 | 4,405.35 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,752.58 | 3/4 | 3,972.17 | 3/4 | 4,191.54 | 3/4 | 4,409.87 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012

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



BARGE "E2MS 301"

3 STBD INNAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 17'-03 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 | 3,553.81 | 0 | 3,774.63 | 0 | 3,994.08 | 0 | 4,213.33 | 0 | 4,431.46 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 3,558.63 | 1/4 | 3,779.21 | 1/4 | 3,998.65 | 1/4 | 4,217.90 | 1/4 | 4,435.94 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,563.45 | 1/2 | 3,783.79 | 1/2 | 4,003.21 | 1/2 | 4,222.46 | 1/2 | 4,440.42 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,568.27 | 3/4 | 3,788.37 | 3/4 | 4,007.78 | 3/4 | 4,227.03 | 3/4 | 4,444.90 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3,573.09 | 1 | 3,792.95 | 1 | 4,012.35 | 1 | 4,231.60 | 1 | 4,449.38 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 3,577.68 | 1/4 | 3,797.53 | 1/4 | 4,016.92 | 1/4 | 4,236.17 | 1/4 | 4,453.33 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,582.26 | 1/2 | 3,802.11 | 1/2 | 4,021.49 | 1/2 | 4,240.74 | 1/2 | 4,457.29 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,586.84 | 3/4 | 3,806.69 | 3/4 | 4,026.05 | 3/4 | 4,245.30 | 3/4 | 4,461.24 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 3,591.42 | 2 | 3,811.27 | 2 | 4,030.62 | 2 | 4,249.87 | 2 | 4,465.19 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 3,596.00 | 1/4 | 3,815.85 | 1/4 | 4,035.19 | 1/4 | 4,254.44 | 1/4 | 4,468.38 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,600.58 | 1/2 | 3,820.43 | 1/2 | 4,039.76 | 1/2 | 4,259.01 | 1/2 | 4,471.56 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,605.16 | 3/4 | 3,825.01 | 3/4 | 4,044.32 | 3/4 | 4,263.57 | 3/4 | 4,474.75 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 3,609.74 | 3 | 3,829.59 | 3 | 4,048.89 | 3 | 4,268.14 | 3 | 4,477.94 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 3,614.32 | 1/4 | 3,834.17 | 1/4 | 4,053.46 | 1/4 | 4,272.71 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,618.90 | 1/2 | 3,838.75 | 1/2 | 4,058.03 | 1/2 | 4,277.28 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,623.48 | 3/4 | 3,843.33 | 3/4 | 4,062.59 | 3/4 | 4,281.84 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 3,628.06 | 4 | 3,847.91 | 4 | 4,067.16 | 4 | 4,286.41 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 3,632.64 | 1/4 | 3,852.48 | 1/4 | 4,071.73 | 1/4 | 4,290.98 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,637.22 | 1/2 | 3,857.05 | 1/2 | 4,076.30 | 1/2 | 4,295.55 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,641.80 | 3/4 | 3,861.62 | 3/4 | 4,080.87 | 3/4 | 4,300.12 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 3,646.38 | 5 | 3,866.18 | 5 | 4,085.43 | 5 | 4,304.68 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 3,650.96 | 1/4 | 3,870.75 | 1/4 | 4,090.00 | 1/4 | 4,309.25 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,655.54 | 1/2 | 3,875.32 | 1/2 | 4,094.57 | 1/2 | 4,313.82 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,660.12 | 3/4 | 3,879.89 | 3/4 | 4,099.14 | 3/4 | 4,318.39 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 3,664.70 | 6 | 3,884.45 | 6 | 4,103.70 | 6 | 4,322.95 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 3,669.28 | 1/4 | 3,889.02 | 1/4 | 4,108.27 | 1/4 | 4,327.48 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,673.86 | 1/2 | 3,893.59 | 1/2 | 4,112.84 | 1/2 | 4,332.00 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,678.44 | 3/4 | 3,898.16 | 3/4 | 4,117.41 | 3/4 | 4,336.52 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 3,683.02 | 7 | 3,902.73 | 7 | 4,121.97 | 7 | 4,341.04 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 3,687.60 | 1/4 | 3,907.29 | 1/4 | 4,126.54 | 1/4 | 4,345.56 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,692.18 | 1/2 | 3,911.86 | 1/2 | 4,131.11 | 1/2 | 4,350.09 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,696.76 | 3/4 | 3,916.43 | 3/4 | 4,135.68 | 3/4 | 4,354.61 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 3,701.34 | 8 | 3,921.00 | 8 | 4,140.25 | 8 | 4,359.13 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 3,705.92 | 1/4 | 3,925.56 | 1/4 | 4,144.81 | 1/4 | 4,363.65 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,710.50 | 1/2 | 3,930.13 | 1/2 | 4,149.38 | 1/2 | 4,368.18 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,715.08 | 3/4 | 3,934.70 | 3/4 | 4,153.95 | 3/4 | 4,372.70 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 3,719.66 | 9 | 3,939.27 | 9 | 4,158.52 | 9 | 4,377.22 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 3,724.24 | 1/4 | 3,943.83 | 1/4 | 4,163.08 | 1/4 | 4,381.74 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,728.83 | 1/2 | 3,948.40 | 1/2 | 4,167.65 | 1/2 | 4,386.27 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,733.41 | 3/4 | 3,952.97 | 3/4 | 4,172.22 | 3/4 | 4,390.79 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 3,737.99 | 10 | 3,957.54 | 10 | 4,176.79 | 10 | 4,395.32 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 3,742.57 | 1/4 | 3,962.11 | 1/4 | 4,181.35 | 1/4 | 4,399.84 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,747.15 | 1/2 | 3,966.67 | 1/2 | 4,185.92 | 1/2 | 4,404.36 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,751.73 | 3/4 | 3,971.24 | 3/4 | 4,190.49 | 3/4 | 4,408.88 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 3,756.31 | 11 | 3,975.81 | 11 | 4,195.06 | 11 | 4,413.40 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 3,760.89 | 1/4 | 3,980.38 | 1/4 | 4,199.63 | 1/4 | 4,417.92 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 3,765.47 | 1/2 | 3,984.94 | 1/2 | 4,204.19 | 1/2 | 4,422.43 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 3,770.05 | 3/4 | 3,989.51 | 3/4 | 4,208.76 | 3/4 | 4,426.95 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/20/2012 CL - SW
CALCULATED : 11/21/2012 CL
PRINTED: 11/24/2012 SW

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

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2012



BARGE "E2MS 301"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 4'-05 1/2"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|
| 0 | 0 | 0 | 100 | 0 | 257 | 0 | 412 | 0 | | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1 | 1/4 | 103 | 1/4 | 260 | 1/4 | 415 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 1 | 1/2 | 106 | 1/2 | 263 | 1/2 | 417 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 2 | 3/4 | 109 | 3/4 | 267 | 3/4 | 420 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 3 | 1 | 112 | 1 | 270 | 1 | 423 | 1 | | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 4 | 1/4 | 115 | 1/4 | 273 | 1/4 | 426 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 5 | 1/2 | 119 | 1/2 | 277 | 1/2 | 429 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 6 | 3/4 | 122 | 3/4 | 280 | 3/4 | 431 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 7 | 2 | 125 | 2 | 284 | 2 | 434 | 2 | | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 9 | 1/4 | 128 | 1/4 | 287 | 1/4 | 437 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 10 | 1/2 | 131 | 1/2 | 290 | 1/2 | 440 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 12 | 3/4 | 134 | 3/4 | 294 | 3/4 | 442 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 13 | 3 | 137 | 3 | 297 | 3 | 445 | 3 | | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 15 | 1/4 | 140 | 1/4 | 300 | 1/4 | 447 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 17 | 1/2 | 144 | 1/2 | 304 | 1/2 | 450 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 19 | 3/4 | 147 | 3/4 | 307 | 3/4 | 452 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 20 | 4 | 150 | 4 | 311 | 4 | 455 | 4 | | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 22 | 1/4 | 153 | 1/4 | 314 | 1/4 | 457 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 24 | 1/2 | 156 | 1/2 | 317 | 1/2 | 460 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 26 | 3/4 | 160 | 3/4 | 320 | 3/4 | 462 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 28 | 5 | 163 | 5 | 324 | 5 | 465 | 5 | | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 31 | 1/4 | 166 | 1/4 | 327 | 1/4 | 467 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 33 | 1/2 | 169 | 1/2 | 330 | 1/2 | 469 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 35 | 3/4 | 173 | 3/4 | 334 | 3/4 | 471 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 37 | 6 | 176 | 6 | 337 | 6 | 474 | 6 | | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 39 | 1/4 | 179 | 1/4 | 340 | 1/4 | 476 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 42 | 1/2 | 183 | 1/2 | 343 | 1/2 | 478 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 44 | 3/4 | 186 | 3/4 | 347 | 3/4 | 480 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 46 | 7 | 189 | 7 | 350 | 7 | 482 | 7 | | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 49 | 1/4 | 192 | 1/4 | 353 | 1/4 | 484 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 51 | 1/2 | 196 | 1/2 | 356 | 1/2 | 486 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 54 | 3/4 | 199 | 3/4 | 360 | 3/4 | 488 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 56 | 8 | 202 | 8 | 363 | 8 | 489 | 8 | | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 59 | 1/4 | 206 | 1/4 | 366 | 1/4 | 491 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 62 | 1/2 | 209 | 1/2 | 369 | 1/2 | 493 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 64 | 3/4 | 213 | 3/4 | 372 | 3/4 | 494 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 67 | 9 | 216 | 9 | 375 | 9 | 496 | 9 | | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 69 | 1/4 | 219 | 1/4 | 379 | 1/4 | 497 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 72 | 1/2 | 223 | 1/2 | 382 | 1/2 | 499 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 75 | 3/4 | 226 | 3/4 | 385 | 3/4 | 500 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 78 | 10 | 229 | 10 | 388 | 10 | 502 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 80 | 1/4 | 233 | 1/4 | 391 | 1/4 | 502 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 83 | 1/2 | 236 | 1/2 | 394 | 1/2 | 502 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 86 | 3/4 | 240 | 3/4 | 397 | 3/4 | 502 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 89 | 11 | 243 | 11 | 400 | 11 | 502 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 92 | 1/4 | 246 | 1/4 | 403 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 95 | 1/2 | 250 | 1/2 | 406 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 98 | 3/4 | 253 | 3/4 | 409 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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 AT 2" DIAMETER STANDPIPE.

STRAPPED: 11/20/2012 CL - SW
 CALCULATED: 11/21/2012 CL
 PRINTED: 11/24/2012 SW

CANCELS AND SUPERCEDES
 ALL PRIOR TO 11/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "E2MS 301"

SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT 5'-09"

| 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 | 433 | 0 | 1,021 | 0 | 1,641 | 0 | 2,206 | 0 | | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 5 | 1/4 | 444 | 1/4 | 1,034 | 1/4 | 1,653 | 1/4 | 2,216 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 11 | 1/2 | 456 | 1/2 | 1,047 | 1/2 | 1,666 | 1/2 | 2,227 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 16 | 3/4 | 467 | 3/4 | 1,060 | 3/4 | 1,678 | 3/4 | 2,237 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 1 | 21 | 1 | 479 | 1 | 1,073 | 1 | 1,691 | 1 | 2,247 | 1 | | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 28 | 1/4 | 490 | 1/4 | 1,086 | 1/4 | 1,703 | 1/4 | 2,257 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 35 | 1/2 | 502 | 1/2 | 1,099 | 1/2 | 1,716 | 1/2 | 2,267 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 41 | 3/4 | 513 | 3/4 | 1,111 | 3/4 | 1,729 | 3/4 | 2,277 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 2 | 48 | 2 | 525 | 2 | 1,124 | 2 | 1,741 | 2 | 2,287 | 2 | | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 56 | 1/4 | 537 | 1/4 | 1,137 | 1/4 | 1,753 | 1/4 | 2,297 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 63 | 1/2 | 549 | 1/2 | 1,150 | 1/2 | 1,766 | 1/2 | 2,306 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 71 | 3/4 | 560 | 3/4 | 1,163 | 3/4 | 1,778 | 3/4 | 2,316 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 3 | 78 | 3 | 572 | 3 | 1,176 | 3 | 1,791 | 3 | 2,326 | 3 | | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 86 | 1/4 | 584 | 1/4 | 1,189 | 1/4 | 1,803 | 1/4 | 2,335 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 95 | 1/2 | 596 | 1/2 | 1,202 | 1/2 | 1,815 | 1/2 | 2,344 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 103 | 3/4 | 608 | 3/4 | 1,215 | 3/4 | 1,827 | 3/4 | 2,353 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 4 | 111 | 4 | 620 | 4 | 1,228 | 4 | 1,840 | 4 | 2,362 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 120 | 1/4 | 632 | 1/4 | 1,241 | 1/4 | 1,852 | 1/4 | 2,371 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 128 | 1/2 | 644 | 1/2 | 1,254 | 1/2 | 1,864 | 1/2 | 2,380 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 137 | 3/4 | 656 | 3/4 | 1,267 | 3/4 | 1,876 | 3/4 | 2,389 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 5 | 146 | 5 | 669 | 5 | 1,280 | 5 | 1,888 | 5 | 2,397 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 155 | 1/4 | 681 | 1/4 | 1,293 | 1/4 | 1,900 | 1/4 | 2,406 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 164 | 1/2 | 693 | 1/2 | 1,306 | 1/2 | 1,912 | 1/2 | 2,414 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 173 | 3/4 | 705 | 3/4 | 1,319 | 3/4 | 1,924 | 3/4 | 2,422 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 6 | 183 | 6 | 718 | 6 | 1,332 | 6 | 1,936 | 6 | 2,430 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 192 | 1/4 | 730 | 1/4 | 1,345 | 1/4 | 1,948 | 1/4 | 2,438 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 202 | 1/2 | 742 | 1/2 | 1,358 | 1/2 | 1,960 | 1/2 | 2,445 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 211 | 3/4 | 755 | 3/4 | 1,371 | 3/4 | 1,971 | 3/4 | 2,453 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 7 | 221 | 7 | 767 | 7 | 1,384 | 7 | 1,983 | 7 | 2,460 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 231 | 1/4 | 780 | 1/4 | 1,397 | 1/4 | 1,995 | 1/4 | 2,467 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 241 | 1/2 | 792 | 1/2 | 1,410 | 1/2 | 2,006 | 1/2 | 2,473 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 251 | 3/4 | 805 | 3/4 | 1,423 | 3/4 | 2,018 | 3/4 | 2,480 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 8 | 261 | 8 | 817 | 8 | 1,436 | 8 | 2,030 | 8 | 2,487 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 271 | 1/4 | 830 | 1/4 | 1,449 | 1/4 | 2,041 | 1/4 | 2,492 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 282 | 1/2 | 843 | 1/2 | 1,461 | 1/2 | 2,052 | 1/2 | 2,498 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 292 | 3/4 | 855 | 3/4 | 1,474 | 3/4 | 2,064 | 3/4 | 2,503 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 9 | 302 | 9 | 868 | 9 | 1,487 | 9 | 2,075 | 9 | 2,508 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 313 | 1/4 | 880 | 1/4 | 1,500 | 1/4 | 2,086 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 324 | 1/2 | 893 | 1/2 | 1,513 | 1/2 | 2,098 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 334 | 3/4 | 906 | 3/4 | 1,526 | 3/4 | 2,109 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 10 | 345 | 10 | 919 | 10 | 1,539 | 10 | 2,120 | 10 | | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 356 | 1/4 | 931 | 1/4 | 1,551 | 1/4 | 2,131 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 367 | 1/2 | 944 | 1/2 | 1,564 | 1/2 | 2,142 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 378 | 3/4 | 957 | 3/4 | 1,577 | 3/4 | 2,153 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |
| 11 | 388 | 11 | 970 | 11 | 1,590 | 11 | 2,163 | 11 | | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 400 | 1/4 | 983 | 1/4 | 1,602 | 1/4 | 2,174 | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | | 1/4 | |
| 1/2 | 411 | 1/2 | 995 | 1/2 | 1,615 | 1/2 | 2,185 | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | | 1/2 | |
| 3/4 | 422 | 3/4 | 1,008 | 3/4 | 1,628 | 3/4 | 2,195 | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | | 3/4 | |

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