



BARGE "PTC 1601"

ULLAGE TRIM TABLE 8" HATCH

| | 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 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 | - 00-7/8 | 00-7/8 |
| 1 STBD | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 | - 00-7/8 | 00-7/8 |
| 2 PORT | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 |
| 2 STBD | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-3/8 | 00-3/8 | - 00-1/2 | 00-1/2 | - 00-5/8 | 00-5/8 | - 00-3/4 | 00-3/4 |
| 3 PORT | 00-7/8 | - 00-7/8 | 01-7/8 | - 01-7/8 | 02-3/4 | - 02-3/4 | 03-5/8 | - 03-5/8 | 04-1/2 | - 04-1/2 | 05-1/2 | - 05-1/2 |
| 3 STBD | 00-7/8 | - 00-7/8 | 01-7/8 | - 01-7/8 | 02-3/4 | - 02-3/4 | 03-5/8 | - 03-5/8 | 04-1/2 | - 04-1/2 | 05-1/2 | - 05-1/2 |

(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 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 236'-06"

December 14, 2015

PRECISION MEASUREMENT
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BARGE "PTC 1601"

ULLAGE TRIM TABLE 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 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 |
| 1 STBD | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-1/4 |
| 2 PORT | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 2 STBD | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-0/8 | 00-0/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/8 |
| 3 PORT | 00-3/4 | - 00-3/4 | 01-5/8 | - 01-5/8 | 02-3/8 | - 02-3/8 | 03-1/4 | - 03-1/4 | 04-0/8 | - 04-0/8 | 04-7/8 | - 04-7/8 |
| 3 STBD | 00-3/4 | - 00-3/4 | 01-5/8 | - 01-5/8 | 02-3/8 | - 02-3/8 | 03-1/4 | - 03-1/4 | 04-0/8 | - 04-0/8 | 04-7/8 | - 04-7/8 |

(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 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-00 1/8"

LENGTH BETWEEN DRAFT MARKS: 236'-06"

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BARGE "PTC 1601"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 3/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | 4,989.53 | 0 | 4,645.65 | 0 | 4,290.69 | 0 | 3,935.71 | 0 | 3,580.60 | 0 | 3,223.84 | 0 | 2,866.66 | 0 | 2,509.01 | 0 | 2,151.35 |
| 1/4 | | 1/4 | 4,984.31 | 1/4 | 4,638.25 | 1/4 | 4,283.30 | 1/4 | 3,928.31 | 1/4 | 3,573.21 | 1/4 | 3,216.40 | 1/4 | 2,859.21 | 1/4 | 2,501.55 | 1/4 | 2,143.90 |
| 1/2 | | 1/2 | 4,979.09 | 1/2 | 4,630.86 | 1/2 | 4,275.90 | 1/2 | 3,920.92 | 1/2 | 3,565.81 | 1/2 | 3,208.96 | 1/2 | 2,851.76 | 1/2 | 2,494.10 | 1/2 | 2,136.45 |
| 3/4 | | 3/4 | 4,973.87 | 3/4 | 4,623.46 | 3/4 | 4,268.51 | 3/4 | 3,913.52 | 3/4 | 3,558.41 | 3/4 | 3,201.53 | 3/4 | 2,844.31 | 3/4 | 2,486.65 | 3/4 | 2,128.99 |
| 1 | | 1 | 4,967.40 | 1 | 4,616.07 | 1 | 4,261.11 | 1 | 3,906.12 | 1 | 3,550.98 | 1 | 3,194.09 | 1 | 2,836.86 | 1 | 2,479.20 | 1 | 2,121.54 |
| 1/4 | | 1/4 | 4,960.94 | 1/4 | 4,608.67 | 1/4 | 4,253.72 | 1/4 | 3,898.72 | 1/4 | 3,543.56 | 1/4 | 3,186.66 | 1/4 | 2,829.41 | 1/4 | 2,471.75 | 1/4 | 2,114.09 |
| 1/2 | | 1/2 | 4,954.48 | 1/2 | 4,601.28 | 1/2 | 4,246.32 | 1/2 | 3,891.32 | 1/2 | 3,536.13 | 1/2 | 3,179.22 | 1/2 | 2,821.96 | 1/2 | 2,464.30 | 1/2 | 2,106.64 |
| 3/4 | | 3/4 | 4,948.02 | 3/4 | 4,593.88 | 3/4 | 4,238.93 | 3/4 | 3,883.93 | 3/4 | 3,528.71 | 3/4 | 3,171.78 | 3/4 | 2,814.51 | 3/4 | 2,456.85 | 3/4 | 2,099.19 |
| 2 | | 2 | 4,940.81 | 2 | 4,586.49 | 2 | 4,231.53 | 2 | 3,876.53 | 2 | 3,521.27 | 2 | 3,164.35 | 2 | 2,807.05 | 2 | 2,449.40 | 2 | 2,091.74 |
| 1/4 | | 1/4 | 4,933.59 | 1/4 | 4,579.09 | 1/4 | 4,224.14 | 1/4 | 3,869.13 | 1/4 | 3,513.84 | 1/4 | 3,156.91 | 1/4 | 2,799.60 | 1/4 | 2,441.95 | 1/4 | 2,084.29 |
| 1/2 | | 1/2 | 4,926.38 | 1/2 | 4,571.70 | 1/2 | 4,216.74 | 1/2 | 3,861.73 | 1/2 | 3,506.40 | 1/2 | 3,149.48 | 1/2 | 2,792.15 | 1/2 | 2,434.49 | 1/2 | 2,076.84 |
| 3/4 | | 3/4 | 4,919.17 | 3/4 | 4,564.30 | 3/4 | 4,209.35 | 3/4 | 3,854.33 | 3/4 | 3,498.96 | 3/4 | 3,142.04 | 3/4 | 2,784.70 | 3/4 | 2,427.04 | 3/4 | 2,069.39 |
| 3 | | 3 | 4,911.79 | 3 | 4,556.91 | 3 | 4,201.95 | 3 | 3,846.94 | 3 | 3,491.53 | 3 | 3,134.60 | 3 | 2,777.25 | 3 | 2,419.59 | 3 | 2,061.93 |
| 1/4 | | 1/4 | 4,904.41 | 1/4 | 4,549.51 | 1/4 | 4,194.56 | 1/4 | 3,839.54 | 1/4 | 3,484.09 | 1/4 | 3,127.17 | 1/4 | 2,769.80 | 1/4 | 2,412.14 | 1/4 | 2,054.48 |
| 1/2 | | 1/2 | 4,897.03 | 1/2 | 4,542.12 | 1/2 | 4,187.16 | 1/2 | 3,832.14 | 1/2 | 3,476.66 | 1/2 | 3,119.73 | 1/2 | 2,762.35 | 1/2 | 2,404.69 | 1/2 | 2,047.03 |
| 3/4 | | 3/4 | 4,889.65 | 3/4 | 4,534.72 | 3/4 | 4,179.77 | 3/4 | 3,824.74 | 3/4 | 3,469.22 | 3/4 | 3,112.30 | 3/4 | 2,754.90 | 3/4 | 2,397.24 | 3/4 | 2,039.58 |
| 4 | | 4 | 4,882.26 | 4 | 4,527.33 | 4 | 4,172.37 | 4 | 3,817.34 | 4 | 3,461.78 | 4 | 3,104.86 | 4 | 2,747.44 | 4 | 2,389.79 | 4 | 2,032.13 |
| 1/4 | | 1/4 | 4,874.87 | 1/4 | 4,519.93 | 1/4 | 4,164.98 | 1/4 | 3,809.94 | 1/4 | 3,454.35 | 1/4 | 3,097.42 | 1/4 | 2,739.99 | 1/4 | 2,382.34 | 1/4 | 2,024.68 |
| 1/2 | | 1/2 | 4,867.48 | 1/2 | 4,512.54 | 1/2 | 4,157.58 | 1/2 | 3,802.55 | 1/2 | 3,446.91 | 1/2 | 3,089.99 | 1/2 | 2,732.54 | 1/2 | 2,374.88 | 1/2 | 2,017.23 |
| 3/4 | | 3/4 | 4,860.09 | 3/4 | 4,505.15 | 3/4 | 4,150.19 | 3/4 | 3,795.15 | 3/4 | 3,439.48 | 3/4 | 3,082.55 | 3/4 | 2,725.09 | 3/4 | 2,367.43 | 3/4 | 2,009.78 |
| 5 | | 5 | 4,852.70 | 5 | 4,497.75 | 5 | 4,142.80 | 5 | 3,787.75 | 5 | 3,432.04 | 5 | 3,075.12 | 5 | 2,717.64 | 5 | 2,359.98 | 5 | 2,002.32 |
| 1/4 | | 1/4 | 4,845.31 | 1/4 | 4,490.36 | 1/4 | 4,135.40 | 1/4 | 3,780.35 | 1/4 | 3,424.60 | 1/4 | 3,067.68 | 1/4 | 2,710.19 | 1/4 | 2,352.53 | 1/4 | 1,994.87 |
| 1/2 | | 1/2 | 4,837.91 | 1/2 | 4,482.96 | 1/2 | 4,128.01 | 1/2 | 3,772.95 | 1/2 | 3,417.17 | 1/2 | 3,060.25 | 1/2 | 2,702.74 | 1/2 | 2,345.08 | 1/2 | 1,987.42 |
| 3/4 | | 3/4 | 4,830.52 | 3/4 | 4,475.57 | 3/4 | 4,120.61 | 3/4 | 3,765.56 | 3/4 | 3,409.73 | 3/4 | 3,052.81 | 3/4 | 2,695.29 | 3/4 | 2,337.63 | 3/4 | 1,979.97 |
| 6 | | 6 | 4,823.13 | 6 | 4,468.17 | 6 | 4,113.22 | 6 | 3,758.16 | 6 | 3,402.30 | 6 | 3,045.37 | 6 | 2,687.83 | 6 | 2,330.18 | 6 | 1,972.52 |
| 1/4 | | 1/4 | 4,815.73 | 1/4 | 4,460.78 | 1/4 | 4,105.82 | 1/4 | 3,750.76 | 1/4 | 3,394.86 | 1/4 | 3,037.94 | 1/4 | 2,680.38 | 1/4 | 2,322.73 | 1/4 | 1,965.07 |
| 1/2 | | 1/2 | 4,808.34 | 1/2 | 4,453.38 | 1/2 | 4,098.43 | 1/2 | 3,743.36 | 1/2 | 3,387.43 | 1/2 | 3,030.50 | 1/2 | 2,672.93 | 1/2 | 2,315.27 | 1/2 | 1,957.62 |
| 3/4 | | 3/4 | 4,800.94 | 3/4 | 4,445.99 | 3/4 | 4,091.03 | 3/4 | 3,735.96 | 3/4 | 3,379.99 | 3/4 | 3,023.07 | 3/4 | 2,665.48 | 3/4 | 2,307.82 | 3/4 | 1,950.17 |
| 7 | | 7 | 4,793.55 | 7 | 4,438.59 | 7 | 4,083.64 | 7 | 3,728.57 | 7 | 3,372.55 | 7 | 3,015.63 | 7 | 2,658.03 | 7 | 2,300.37 | 7 | 1,942.71 |
| 1/4 | | 1/4 | 4,786.15 | 1/4 | 4,431.20 | 1/4 | 4,076.24 | 1/4 | 3,721.17 | 1/4 | 3,365.12 | 1/4 | 3,008.19 | 1/4 | 2,650.58 | 1/4 | 2,292.92 | 1/4 | 1,935.26 |
| 1/2 | | 1/2 | 4,778.76 | 1/2 | 4,423.80 | 1/2 | 4,068.85 | 1/2 | 3,713.77 | 1/2 | 3,357.68 | 1/2 | 3,000.76 | 1/2 | 2,643.13 | 1/2 | 2,285.47 | 1/2 | 1,927.81 |
| 3/4 | | 3/4 | 4,771.36 | 3/4 | 4,416.41 | 3/4 | 4,061.45 | 3/4 | 3,706.37 | 3/4 | 3,350.25 | 3/4 | 2,993.32 | 3/4 | 2,635.68 | 3/4 | 2,278.02 | 3/4 | 1,920.36 |
| 8 | | 8 | 4,763.97 | 8 | 4,409.01 | 8 | 4,054.06 | 8 | 3,698.97 | 8 | 3,342.81 | 8 | 2,985.87 | 8 | 2,628.23 | 8 | 2,270.57 | 8 | 1,912.91 |
| 1/4 | | 1/4 | 4,756.57 | 1/4 | 4,401.62 | 1/4 | 4,046.66 | 1/4 | 3,691.57 | 1/4 | 3,335.37 | 1/4 | 2,978.43 | 1/4 | 2,620.77 | 1/4 | 2,263.12 | 1/4 | 1,905.46 |
| 1/2 | | 1/2 | 4,749.18 | 1/2 | 4,394.22 | 1/2 | 4,039.27 | 1/2 | 3,684.18 | 1/2 | 3,327.94 | 1/2 | 2,970.98 | 1/2 | 2,613.32 | 1/2 | 2,255.67 | 1/2 | 1,898.01 |
| 3/4 | | 3/4 | 4,741.78 | 3/4 | 4,386.83 | 3/4 | 4,031.87 | 3/4 | 3,676.78 | 3/4 | 3,320.50 | 3/4 | 2,963.53 | 3/4 | 2,605.87 | 3/4 | 2,248.21 | 3/4 | 1,890.56 |
| 9 | | 9 | 4,734.39 | 9 | 4,379.43 | 9 | 4,024.48 | 9 | 3,669.38 | 9 | 3,313.07 | 9 | 2,956.08 | 9 | 2,598.42 | 9 | 2,240.76 | 9 | 1,883.11 |
| 1/4 | | 1/4 | 4,726.99 | 1/4 | 4,372.04 | 1/4 | 4,017.08 | 1/4 | 3,661.98 | 1/4 | 3,305.63 | 1/4 | 2,948.63 | 1/4 | 2,590.97 | 1/4 | 2,233.31 | 1/4 | 1,875.65 |
| 1/2 | | 1/2 | 4,719.60 | 1/2 | 4,364.64 | 1/2 | 4,009.69 | 1/2 | 3,654.58 | 1/2 | 3,298.19 | 1/2 | 2,941.18 | 1/2 | 2,583.52 | 1/2 | 2,225.86 | 1/2 | 1,868.20 |
| 3/4 | | 3/4 | 4,712.20 | 3/4 | 4,357.25 | 3/4 | 4,002.29 | 3/4 | 3,647.19 | 3/4 | 3,290.76 | 3/4 | 2,933.72 | 3/4 | 2,576.07 | 3/4 | 2,218.41 | 3/4 | 1,860.75 |
| 10 | | 10 | 4,704.81 | 10 | 4,349.85 | 10 | 3,994.89 | 10 | 3,639.79 | 10 | 3,283.32 | 10 | 2,926.27 | 10 | 2,568.62 | 10 | 2,210.96 | 10 | 1,853.30 |
| 1/4 | | 1/4 | 4,697.41 | 1/4 | 4,342.46 | 1/4 | 3,987.50 | 1/4 | 3,632.39 | 1/4 | 3,275.89 | 1/4 | 2,918.82 | 1/4 | 2,561.16 | 1/4 | 2,203.51 | 1/4 | 1,845.85 |
| 1/2 | | 1/2 | 4,690.02 | 1/2 | 4,335.06 | 1/2 | 3,980.10 | 1/2 | 3,624.99 | 1/2 | 3,268.45 | 1/2 | 2,911.37 | 1/2 | 2,553.71 | 1/2 | 2,196.06 | 1/2 | 1,838.40 |
| 3/4 | | 3/4 | 4,682.62 | 3/4 | 4,327.67 | 3/4 | 3,972.70 | 3/4 | 3,617.59 | 3/4 | 3,261.01 | 3/4 | 2,903.92 | 3/4 | 2,546.26 | 3/4 | 2,188.60 | 3/4 | 1,830.95 |
| 11 | | 11 | 4,675.23 | 11 | 4,320.27 | 11 | 3,965.30 | 11 | 3,610.20 | 11 | 3,253.58 | 11 | 2,896.47 | 11 | 2,538.81 | 11 | 2,181.15 | 11 | 1,823.50 |
| 1/4 | | 1/4 | 4,667.83 | 1/4 | 4,312.88 | 1/4 | 3,957.91 | 1/4 | 3,602.80 | 1/4 | 3,246.14 | 1/4 | 2,889.02 | 1/4 | 2,531.36 | 1/4 | 2,173.70 | 1/4 | 1,816.04 |
| 1/2 | | 1/2 | 4,660.44 | 1/2 | 4,305.48 | 1/2 | 3,950.51 | 1/2 | 3,595.40 | 1/2 | 3,238.71 | 1/2 | 2,881.57 | 1/2 | 2,523.91 | 1/2 | 2,166.25 | 1/2 | 1,808.59 |
| 3/4 | | 3/4 | 4,994.75 | 3/4 | 4,653.04 | 3/4 | 4,298.09 | 3/4 | 3,943.11 | 3/4 | 3,588.00 | 3/4 | 3,231.27 | 3/4 | 2,874.11 | 3/4 | 2,516.46 | 3/4 | 1,801.14 |

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 ONLY APPLIES TO ULLAGE GAUGES.

GAUGE POINT: (HERMETIC - 2" VALVE) LOCATED 12'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

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BARGE "PTC 1601"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 1,793.69 | 0 | 1,436.77 | 0 | 1,079.77 | 0 | 724.53 | 0 | 376.56 | 0 | 60.67 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,786.24 | 1/4 | 1,429.32 | 1/4 | 1,072.32 | 1/4 | 717.08 | 1/4 | 369.62 | 1/4 | 54.68 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,778.79 | 1/2 | 1,421.87 | 1/2 | 1,064.98 | 1/2 | 709.63 | 1/2 | 362.68 | 1/2 | 48.70 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,771.34 | 3/4 | 1,414.41 | 3/4 | 1,057.58 | 3/4 | 702.18 | 3/4 | 355.74 | 3/4 | 42.72 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,763.91 | 1 | 1,406.96 | 1 | 1,050.19 | 1 | 694.73 | 1 | 348.88 | 1 | 37.34 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,756.48 | 1/4 | 1,399.51 | 1/4 | 1,042.80 | 1/4 | 687.28 | 1/4 | 342.02 | 1/4 | 31.97 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,749.05 | 1/2 | 1,392.06 | 1/2 | 1,035.40 | 1/2 | 679.82 | 1/2 | 335.17 | 1/2 | 26.60 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,741.63 | 3/4 | 1,384.61 | 3/4 | 1,028.01 | 3/4 | 672.37 | 3/4 | 328.31 | 3/4 | 21.22 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,734.21 | 2 | 1,377.15 | 2 | 1,020.62 | 2 | 664.92 | 2 | 321.55 | 2 | 17.52 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,726.79 | 1/4 | 1,369.70 | 1/4 | 1,013.23 | 1/4 | 657.47 | 1/4 | 314.78 | 1/4 | 13.81 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,719.37 | 1/2 | 1,362.25 | 1/2 | 1,005.84 | 1/2 | 650.02 | 1/2 | 308.01 | 1/2 | 10.11 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,711.95 | 3/4 | 1,354.80 | 3/4 | 998.45 | 3/4 | 642.57 | 3/4 | 301.24 | 3/4 | 6.41 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,704.53 | 3 | 1,347.35 | 3 | 991.06 | 3 | 635.12 | 3 | 294.56 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,697.11 | 1/4 | 1,339.89 | 1/4 | 983.67 | 1/4 | 627.67 | 1/4 | 287.89 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,689.69 | 1/2 | 1,332.44 | 1/2 | 976.28 | 1/2 | 620.22 | 1/2 | 281.21 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,682.27 | 3/4 | 1,324.99 | 3/4 | 968.89 | 3/4 | 612.77 | 3/4 | 274.53 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,674.85 | 4 | 1,317.54 | 4 | 961.50 | 4 | 605.44 | 4 | 267.94 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,667.43 | 1/4 | 1,310.09 | 1/4 | 954.11 | 1/4 | 598.11 | 1/4 | 261.35 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,660.01 | 1/2 | 1,302.64 | 1/2 | 946.72 | 1/2 | 590.78 | 1/2 | 254.77 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,652.59 | 3/4 | 1,295.18 | 3/4 | 939.33 | 3/4 | 583.46 | 3/4 | 248.18 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,645.17 | 5 | 1,287.73 | 5 | 931.94 | 5 | 576.28 | 5 | 241.44 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,637.75 | 1/4 | 1,280.28 | 1/4 | 924.55 | 1/4 | 569.11 | 1/4 | 234.71 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,630.33 | 1/2 | 1,272.83 | 1/2 | 917.16 | 1/2 | 561.94 | 1/2 | 227.98 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,622.91 | 3/4 | 1,265.38 | 3/4 | 909.77 | 3/4 | 554.77 | 3/4 | 221.24 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,615.49 | 6 | 1,257.92 | 6 | 902.38 | 6 | 547.64 | 6 | 214.52 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,608.07 | 1/4 | 1,250.47 | 1/4 | 894.99 | 1/4 | 540.51 | 1/4 | 207.79 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,600.65 | 1/2 | 1,243.02 | 1/2 | 887.60 | 1/2 | 533.37 | 1/2 | 201.07 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,593.23 | 3/4 | 1,235.57 | 3/4 | 880.21 | 3/4 | 526.24 | 3/4 | 194.34 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,585.78 | 7 | 1,228.12 | 7 | 872.82 | 7 | 519.11 | 7 | 187.71 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,578.34 | 1/4 | 1,220.66 | 1/4 | 865.43 | 1/4 | 511.98 | 1/4 | 181.07 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,570.90 | 1/2 | 1,213.21 | 1/2 | 858.04 | 1/2 | 504.85 | 1/2 | 174.43 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,563.45 | 3/4 | 1,205.76 | 3/4 | 850.65 | 3/4 | 497.71 | 3/4 | 167.79 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,556.00 | 8 | 1,198.33 | 8 | 843.26 | 8 | 490.58 | 8 | 161.24 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,548.55 | 1/4 | 1,190.91 | 1/4 | 835.87 | 1/4 | 483.45 | 1/4 | 154.69 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,541.10 | 1/2 | 1,183.48 | 1/2 | 828.48 | 1/2 | 476.32 | 1/2 | 148.14 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,533.64 | 3/4 | 1,176.05 | 3/4 | 821.09 | 3/4 | 469.18 | 3/4 | 141.59 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,526.19 | 9 | 1,168.63 | 9 | 813.71 | 9 | 462.05 | 9 | 135.13 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,518.74 | 1/4 | 1,161.22 | 1/4 | 806.32 | 1/4 | 454.92 | 1/4 | 128.67 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,511.29 | 1/2 | 1,153.80 | 1/2 | 798.93 | 1/2 | 447.79 | 1/2 | 122.20 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,503.84 | 3/4 | 1,146.38 | 3/4 | 791.54 | 3/4 | 440.66 | 3/4 | 115.74 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,496.38 | 10 | 1,138.98 | 10 | 784.10 | 10 | 433.44 | 10 | 109.48 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,488.93 | 1/4 | 1,131.57 | 1/4 | 776.66 | 1/4 | 426.22 | 1/4 | 103.22 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,481.48 | 1/2 | 1,124.17 | 1/2 | 769.23 | 1/2 | 419.00 | 1/2 | 96.96 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,474.03 | 3/4 | 1,116.76 | 3/4 | 761.79 | 3/4 | 411.78 | 3/4 | 90.70 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,466.58 | 11 | 1,109.36 | 11 | 754.34 | 11 | 404.71 | 11 | 84.69 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,459.13 | 1/4 | 1,101.96 | 1/4 | 746.89 | 1/4 | 397.64 | 1/4 | 78.67 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,451.67 | 1/2 | 1,094.56 | 1/2 | 739.44 | 1/2 | 390.57 | 1/2 | 72.66 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,444.22 | 3/4 | 1,087.16 | 3/4 | 731.99 | 3/4 | 383.51 | 3/4 | 66.65 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2015 CL
CALCULATED: 12/15/2015 CL
PRINTED: 12/15/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "PTC 1601"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 4,987.83 | 0 | 4,645.89 | 0 | 4,290.70 | 0 | 3,935.50 | 0 | 3,580.47 | 0 | 3,224.07 | 0 | 2,867.25 | 0 | 2,509.92 | 0 | 2,152.59 | |
| 1/4 | 1/4 | 4,982.61 | 1/4 | 4,638.49 | 1/4 | 4,283.30 | 1/4 | 3,928.09 | 1/4 | 3,573.08 | 1/4 | 3,216.64 | 1/4 | 2,859.80 | 1/4 | 2,502.47 | 1/4 | 2,145.14 | |
| 1/2 | 1/2 | 4,977.38 | 1/2 | 4,631.09 | 1/2 | 4,275.90 | 1/2 | 3,920.69 | 1/2 | 3,565.69 | 1/2 | 3,209.21 | 1/2 | 2,852.36 | 1/2 | 2,495.03 | 1/2 | 2,137.70 | |
| 3/4 | 3/4 | 4,972.16 | 3/4 | 4,623.69 | 3/4 | 4,268.50 | 3/4 | 3,913.29 | 3/4 | 3,558.30 | 3/4 | 3,201.78 | 3/4 | 2,844.92 | 3/4 | 2,487.58 | 3/4 | 2,130.25 | |
| 1 | 1 | 4,966.93 | 1 | 4,616.29 | 1 | 4,261.10 | 1 | 3,905.88 | 1 | 3,550.91 | 1 | 3,194.35 | 1 | 2,837.47 | 1 | 2,480.14 | 1 | 2,122.81 | |
| 1/4 | 1/4 | 4,960.47 | 1/4 | 4,608.89 | 1/4 | 4,253.70 | 1/4 | 3,898.48 | 1/4 | 3,543.49 | 1/4 | 3,186.92 | 1/4 | 2,830.03 | 1/4 | 2,472.70 | 1/4 | 2,115.36 | |
| 1/2 | 1/2 | 4,954.00 | 1/2 | 4,601.49 | 1/2 | 4,246.31 | 1/2 | 3,891.08 | 1/2 | 3,536.07 | 1/2 | 3,179.49 | 1/2 | 2,822.58 | 1/2 | 2,465.25 | 1/2 | 2,107.92 | |
| 3/4 | 3/4 | 4,947.53 | 3/4 | 4,594.09 | 3/4 | 4,238.91 | 3/4 | 3,883.67 | 3/4 | 3,528.65 | 3/4 | 3,172.06 | 3/4 | 2,815.14 | 3/4 | 2,457.81 | 3/4 | 2,100.48 | |
| 2 | 2 | 4,941.07 | 2 | 4,586.69 | 2 | 4,231.51 | 2 | 3,876.27 | 2 | 3,521.23 | 2 | 3,164.64 | 2 | 2,807.69 | 2 | 2,450.36 | 2 | 2,093.03 | |
| 1/4 | 1/4 | 4,933.85 | 1/4 | 4,579.29 | 1/4 | 4,224.11 | 1/4 | 3,868.87 | 1/4 | 3,513.80 | 1/4 | 3,157.21 | 1/4 | 2,800.25 | 1/4 | 2,442.92 | 1/4 | 2,085.59 | |
| 1/2 | 1/2 | 4,926.63 | 1/2 | 4,571.89 | 1/2 | 4,216.71 | 1/2 | 3,861.47 | 1/2 | 3,506.37 | 1/2 | 3,149.78 | 1/2 | 2,792.80 | 1/2 | 2,435.47 | 1/2 | 2,078.14 | |
| 3/4 | 3/4 | 4,919.42 | 3/4 | 4,564.49 | 3/4 | 4,209.31 | 3/4 | 3,854.06 | 3/4 | 3,498.94 | 3/4 | 3,142.35 | 3/4 | 2,785.36 | 3/4 | 2,428.03 | 3/4 | 2,070.70 | |
| 3 | 3 | 4,912.20 | 3 | 4,557.09 | 3 | 4,201.91 | 3 | 3,846.66 | 3 | 3,491.51 | 3 | 3,134.92 | 3 | 2,777.92 | 3 | 2,420.58 | 3 | 2,063.25 | |
| 1/4 | 1/4 | 4,904.81 | 1/4 | 4,549.69 | 1/4 | 4,194.51 | 1/4 | 3,839.26 | 1/4 | 3,484.08 | 1/4 | 3,127.49 | 1/4 | 2,770.47 | 1/4 | 2,413.14 | 1/4 | 2,055.81 | |
| 1/2 | 1/2 | 4,897.43 | 1/2 | 4,542.29 | 1/2 | 4,187.11 | 1/2 | 3,831.85 | 1/2 | 3,476.65 | 1/2 | 3,120.06 | 1/2 | 2,763.03 | 1/2 | 2,405.70 | 1/2 | 2,048.36 | |
| 3/4 | 3/4 | 4,890.05 | 3/4 | 4,534.89 | 3/4 | 4,179.71 | 3/4 | 3,824.45 | 3/4 | 3,469.22 | 3/4 | 3,112.63 | 3/4 | 2,755.58 | 3/4 | 2,398.25 | 3/4 | 2,040.92 | |
| 4 | 4 | 4,882.67 | 4 | 4,527.49 | 4 | 4,172.31 | 4 | 3,817.05 | 4 | 3,461.80 | 4 | 3,105.20 | 4 | 2,748.14 | 4 | 2,390.81 | 4 | 2,033.48 | |
| 1/4 | 1/4 | 4,875.27 | 1/4 | 4,520.09 | 1/4 | 4,164.91 | 1/4 | 3,809.65 | 1/4 | 3,454.37 | 1/4 | 3,097.77 | 1/4 | 2,740.69 | 1/4 | 2,383.36 | 1/4 | 2,026.03 | |
| 1/2 | 1/2 | 4,867.87 | 1/2 | 4,512.69 | 1/2 | 4,157.51 | 1/2 | 3,802.24 | 1/2 | 3,446.94 | 1/2 | 3,090.35 | 1/2 | 2,733.25 | 1/2 | 2,375.92 | 1/2 | 2,018.59 | |
| 3/4 | 3/4 | 4,860.47 | 3/4 | 4,505.29 | 3/4 | 4,150.11 | 3/4 | 3,794.84 | 3/4 | 3,439.51 | 3/4 | 3,082.92 | 3/4 | 2,725.80 | 3/4 | 2,368.47 | 3/4 | 2,011.14 | |
| 5 | 5 | 4,853.08 | 5 | 4,497.89 | 5 | 4,142.71 | 5 | 3,787.44 | 5 | 3,432.08 | 5 | 3,075.49 | 5 | 2,718.36 | 5 | 2,361.03 | 5 | 2,003.70 | |
| 1/4 | 1/4 | 4,845.68 | 1/4 | 4,490.50 | 1/4 | 4,135.31 | 1/4 | 3,780.04 | 1/4 | 3,424.65 | 1/4 | 3,068.06 | 1/4 | 2,710.92 | 1/4 | 2,353.58 | 1/4 | 1,996.25 | |
| 1/2 | 1/2 | 4,838.28 | 1/2 | 4,483.10 | 1/2 | 4,127.91 | 1/2 | 3,772.65 | 1/2 | 3,417.22 | 1/2 | 3,060.63 | 1/2 | 2,703.47 | 1/2 | 2,346.14 | 1/2 | 1,988.81 | |
| 3/4 | 3/4 | 4,830.88 | 3/4 | 4,475.70 | 3/4 | 4,120.51 | 3/4 | 3,765.26 | 3/4 | 3,409.79 | 3/4 | 3,053.20 | 3/4 | 2,696.03 | 3/4 | 2,338.70 | 3/4 | 1,981.36 | |
| 6 | 6 | 4,823.48 | 6 | 4,468.30 | 6 | 4,113.11 | 6 | 3,757.86 | 6 | 3,402.36 | 6 | 3,045.77 | 6 | 2,688.58 | 6 | 2,331.25 | 6 | 1,973.92 | |
| 1/4 | 1/4 | 4,816.08 | 1/4 | 4,460.90 | 1/4 | 4,105.71 | 1/4 | 3,750.47 | 1/4 | 3,394.93 | 1/4 | 3,038.34 | 1/4 | 2,681.14 | 1/4 | 2,323.81 | 1/4 | 1,966.48 | |
| 1/2 | 1/2 | 4,808.68 | 1/2 | 4,453.50 | 1/2 | 4,098.31 | 1/2 | 3,743.08 | 1/2 | 3,387.51 | 1/2 | 3,030.91 | 1/2 | 2,673.69 | 1/2 | 2,316.36 | 1/2 | 1,959.03 | |
| 3/4 | 3/4 | 4,801.28 | 3/4 | 4,446.10 | 3/4 | 4,090.91 | 3/4 | 3,735.69 | 3/4 | 3,380.08 | 3/4 | 3,023.48 | 3/4 | 2,666.25 | 3/4 | 2,308.92 | 3/4 | 1,951.59 | |
| 7 | 7 | 4,793.88 | 7 | 4,438.70 | 7 | 4,083.51 | 7 | 3,728.30 | 7 | 3,372.65 | 7 | 3,016.06 | 7 | 2,658.81 | 7 | 2,301.47 | 7 | 1,944.14 | |
| 1/4 | 1/4 | 4,786.48 | 1/4 | 4,431.30 | 1/4 | 4,076.11 | 1/4 | 3,720.91 | 1/4 | 3,365.22 | 1/4 | 3,008.63 | 1/4 | 2,651.36 | 1/4 | 2,294.03 | 1/4 | 1,936.70 | |
| 1/2 | 1/2 | 4,779.08 | 1/2 | 4,423.90 | 1/2 | 4,068.71 | 1/2 | 3,713.51 | 1/2 | 3,357.79 | 1/2 | 3,001.20 | 1/2 | 2,643.92 | 1/2 | 2,286.59 | 1/2 | 1,929.25 | |
| 3/4 | 3/4 | 4,771.68 | 3/4 | 4,416.50 | 3/4 | 4,061.31 | 3/4 | 3,706.12 | 3/4 | 3,350.36 | 3/4 | 2,993.77 | 3/4 | 2,636.47 | 3/4 | 2,279.14 | 3/4 | 1,921.81 | |
| 8 | 8 | 4,764.28 | 8 | 4,409.10 | 8 | 4,053.91 | 8 | 3,698.73 | 8 | 3,342.93 | 8 | 2,986.34 | 8 | 2,629.03 | 8 | 2,271.70 | 8 | 1,914.37 | |
| 1/4 | 1/4 | 4,756.88 | 1/4 | 4,401.70 | 1/4 | 4,046.51 | 1/4 | 3,691.34 | 1/4 | 3,335.50 | 1/4 | 2,978.90 | 1/4 | 2,621.58 | 1/4 | 2,264.25 | 1/4 | 1,906.92 | |
| 1/2 | 1/2 | 4,749.48 | 1/2 | 4,394.30 | 1/2 | 4,039.11 | 1/2 | 3,683.95 | 1/2 | 3,328.07 | 1/2 | 2,971.46 | 1/2 | 2,614.14 | 1/2 | 2,256.81 | 1/2 | 1,899.48 | |
| 3/4 | 3/4 | 4,742.08 | 3/4 | 4,386.90 | 3/4 | 4,031.71 | 3/4 | 3,676.56 | 3/4 | 3,320.64 | 3/4 | 2,964.02 | 3/4 | 2,606.69 | 3/4 | 2,249.36 | 3/4 | 1,892.03 | |
| 9 | 9 | 4,734.69 | 9 | 4,379.50 | 9 | 4,024.31 | 9 | 3,669.17 | 9 | 3,313.22 | 9 | 2,956.58 | 9 | 2,599.25 | 9 | 2,241.92 | 9 | 1,884.59 | |
| 1/4 | 1/4 | 4,727.29 | 1/4 | 4,372.10 | 1/4 | 4,016.91 | 1/4 | 3,661.78 | 1/4 | 3,305.79 | 1/4 | 2,949.14 | 1/4 | 2,591.81 | 1/4 | 2,234.47 | 1/4 | 1,877.14 | |
| 1/2 | 1/2 | 4,719.89 | 1/2 | 4,364.70 | 1/2 | 4,009.51 | 1/2 | 3,654.38 | 1/2 | 3,298.36 | 1/2 | 2,941.69 | 1/2 | 2,584.36 | 1/2 | 2,227.03 | 1/2 | 1,869.70 | |
| 3/4 | 3/4 | 4,712.49 | 3/4 | 4,357.30 | 3/4 | 4,002.11 | 3/4 | 3,646.99 | 3/4 | 3,290.93 | 3/4 | 2,934.25 | 3/4 | 2,576.92 | 3/4 | 2,219.59 | 3/4 | 1,862.25 | |
| 10 | 10 | 4,705.09 | 10 | 4,349.90 | 10 | 3,994.72 | 10 | 3,639.60 | 10 | 3,283.50 | 10 | 2,926.80 | 10 | 2,569.47 | 10 | 2,212.14 | 10 | 1,854.81 | |
| 1/4 | 1/4 | 4,697.69 | 1/4 | 4,342.50 | 1/4 | 3,987.31 | 1/4 | 3,632.21 | 1/4 | 3,276.07 | 1/4 | 2,919.36 | 1/4 | 2,562.03 | 1/4 | 2,204.70 | 1/4 | 1,847.37 | |
| 1/2 | 1/2 | 4,690.29 | 1/2 | 4,335.10 | 1/2 | 3,979.91 | 1/2 | 3,624.82 | 1/2 | 3,268.64 | 1/2 | 2,911.91 | 1/2 | 2,554.58 | 1/2 | 2,197.25 | 1/2 | 1,839.92 | |
| 3/4 | 3/4 | 4,682.89 | 3/4 | 4,327.70 | 3/4 | 3,972.51 | 3/4 | 3,617.43 | 3/4 | 3,261.21 | 3/4 | 2,904.47 | 3/4 | 2,547.14 | 3/4 | 2,189.81 | 3/4 | 1,832.48 | |
| 11 | 11 | 4,675.49 | 11 | 4,320.30 | 11 | 3,965.11 | 11 | 3,610.04 | 11 | 3,253.78 | 11 | 2,897.03 | 11 | 2,539.69 | 11 | 2,182.36 | 11 | 1,825.03 | |
| 1/4 | 1/4 | 4,668.09 | 1/4 | 4,312.90 | 1/4 | 3,957.70 | 1/4 | 3,602.64 | 1/4 | 3,246.35 | 1/4 | 2,889.58 | 1/4 | 2,532.25 | 1/4 | 2,174.92 | 1/4 | 1,817.59 | |
| 1/2 | 1/2 | 4,660.69 | 1/2 | 4,305.50 | 1/2 | 3,950.30 | 1/2 | 3,595.25 | 1/2 | 3,238.93 | 1/2 | 2,882.14 | 1/2 | 2,524.81 | 1/2 | 2,167.47 | 1/2 | 1,810.14 | |
| 3/4 | 3/4 | 4,653.29 | 3/4 | 4,298.10 | 3/4 | 3,942.90 | 3/4 | 3,587.86 | 3/4 | 3,231.50 | 3/4 | 2,874.69 | 3/4 | 2,517.36 | 3/4 | 2,160.03 | 3/4 | 1,802.70 | |

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 ONLY APPLIES TO ULLAGE GAUGES.

GAUGE POINT: (HERMETIC - 2" VALVE) LOCATED 12'-06" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 40'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "PTC 1601"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-03"

| 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 | 1,795.25 | 0 | 1,438.66 | 0 | 1,083.12 | 0 | 726.90 | 0 | 378.75 | 0 | 66.72 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,787.81 | 1/4 | 1,431.22 | 1/4 | 1,075.70 | 1/4 | 719.45 | 1/4 | 371.81 | 1/4 | 60.73 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,780.37 | 1/2 | 1,423.77 | 1/2 | 1,068.27 | 1/2 | 712.01 | 1/2 | 364.87 | 1/2 | 54.74 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,772.92 | 3/4 | 1,416.33 | 3/4 | 1,060.85 | 3/4 | 704.56 | 3/4 | 357.94 | 3/4 | 48.76 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,765.48 | 1 | 1,408.88 | 1 | 1,053.43 | 1 | 697.12 | 1 | 351.00 | 1 | 42.77 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,758.06 | 1/4 | 1,401.44 | 1/4 | 1,046.01 | 1/4 | 689.67 | 1/4 | 344.15 | 1/4 | 37.39 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,750.64 | 1/2 | 1,393.99 | 1/2 | 1,038.59 | 1/2 | 682.23 | 1/2 | 337.29 | 1/2 | 32.01 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,743.21 | 3/4 | 1,386.55 | 3/4 | 1,031.17 | 3/4 | 674.78 | 3/4 | 330.43 | 3/4 | 26.63 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,735.79 | 2 | 1,379.10 | 2 | 1,023.75 | 2 | 667.34 | 2 | 323.57 | 2 | 21.26 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,728.38 | 1/4 | 1,371.66 | 1/4 | 1,016.33 | 1/4 | 659.89 | 1/4 | 316.80 | 1/4 | 17.55 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,720.97 | 1/2 | 1,364.21 | 1/2 | 1,008.92 | 1/2 | 652.45 | 1/2 | 310.03 | 1/2 | 13.84 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,713.55 | 3/4 | 1,356.77 | 3/4 | 1,001.50 | 3/4 | 645.00 | 3/4 | 303.26 | 3/4 | 10.13 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,706.14 | 3 | 1,349.32 | 3 | 994.08 | 3 | 637.56 | 3 | 296.48 | 3 | 6.42 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,698.73 | 1/4 | 1,341.96 | 1/4 | 986.67 | 1/4 | 630.12 | 1/4 | 289.80 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,691.32 | 1/2 | 1,334.59 | 1/2 | 979.25 | 1/2 | 622.67 | 1/2 | 283.12 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,683.90 | 3/4 | 1,327.22 | 3/4 | 971.83 | 3/4 | 615.23 | 3/4 | 276.43 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,676.49 | 4 | 1,319.86 | 4 | 964.42 | 4 | 607.79 | 4 | 269.75 | 4 | | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,669.08 | 1/4 | 1,312.52 | 1/4 | 957.00 | 1/4 | 600.47 | 1/4 | 263.16 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,661.66 | 1/2 | 1,305.18 | 1/2 | 949.58 | 1/2 | 593.15 | 1/2 | 256.57 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,654.25 | 3/4 | 1,297.84 | 3/4 | 942.17 | 3/4 | 585.83 | 3/4 | 249.97 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,646.84 | 5 | 1,290.50 | 5 | 934.75 | 5 | 578.50 | 5 | 243.38 | 5 | | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,639.42 | 1/4 | 1,283.16 | 1/4 | 927.34 | 1/4 | 571.34 | 1/4 | 236.64 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,632.01 | 1/2 | 1,275.82 | 1/2 | 919.92 | 1/2 | 564.17 | 1/2 | 229.90 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,624.60 | 3/4 | 1,268.48 | 3/4 | 912.50 | 3/4 | 557.01 | 3/4 | 223.16 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,617.18 | 6 | 1,261.14 | 6 | 905.09 | 6 | 549.85 | 6 | 216.43 | 6 | | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,609.77 | 1/4 | 1,253.80 | 1/4 | 897.67 | 1/4 | 542.72 | 1/4 | 209.81 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,602.36 | 1/2 | 1,246.46 | 1/2 | 890.25 | 1/2 | 535.60 | 1/2 | 203.20 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,594.95 | 3/4 | 1,239.12 | 3/4 | 882.84 | 3/4 | 528.47 | 3/4 | 196.59 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,587.53 | 7 | 1,231.78 | 7 | 875.42 | 7 | 521.34 | 7 | 189.98 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,580.10 | 1/4 | 1,224.36 | 1/4 | 868.00 | 1/4 | 514.22 | 1/4 | 183.61 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,572.66 | 1/2 | 1,216.94 | 1/2 | 860.59 | 1/2 | 507.09 | 1/2 | 177.24 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,565.22 | 3/4 | 1,209.52 | 3/4 | 853.17 | 3/4 | 499.97 | 3/4 | 170.87 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,557.79 | 8 | 1,202.10 | 8 | 845.76 | 8 | 492.84 | 8 | 164.50 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,550.34 | 1/4 | 1,194.66 | 1/4 | 838.34 | 1/4 | 485.72 | 1/4 | 158.26 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,542.90 | 1/2 | 1,187.21 | 1/2 | 830.92 | 1/2 | 478.59 | 1/2 | 152.02 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,535.45 | 3/4 | 1,179.77 | 3/4 | 823.51 | 3/4 | 471.47 | 3/4 | 145.77 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,528.00 | 9 | 1,172.32 | 9 | 816.09 | 9 | 464.34 | 9 | 139.53 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,520.56 | 1/4 | 1,164.88 | 1/4 | 808.67 | 1/4 | 457.22 | 1/4 | 133.38 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,513.11 | 1/2 | 1,157.43 | 1/2 | 801.26 | 1/2 | 450.09 | 1/2 | 127.22 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,505.67 | 3/4 | 1,149.99 | 3/4 | 793.84 | 3/4 | 442.97 | 3/4 | 121.07 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,498.22 | 10 | 1,142.54 | 10 | 786.43 | 10 | 435.84 | 10 | 114.91 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,490.78 | 1/4 | 1,135.11 | 1/4 | 778.99 | 1/4 | 428.63 | 1/4 | 108.84 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,483.33 | 1/2 | 1,127.68 | 1/2 | 771.55 | 1/2 | 421.42 | 1/2 | 102.77 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,475.89 | 3/4 | 1,120.25 | 3/4 | 764.11 | 3/4 | 414.20 | 3/4 | 96.70 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,468.44 | 11 | 1,112.82 | 11 | 756.68 | 11 | 406.99 | 11 | 90.63 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,461.00 | 1/4 | 1,105.40 | 1/4 | 749.23 | 1/4 | 399.93 | 1/4 | 84.65 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,453.55 | 1/2 | 1,097.97 | 1/2 | 741.79 | 1/2 | 392.87 | 1/2 | 78.68 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,446.11 | 3/4 | 1,090.54 | 3/4 | 734.34 | 3/4 | 385.81 | 3/4 | 72.70 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2015 CL
CALCULATED: 12/15/2015 CL
PRINTED: 12/15/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "PTC 1601"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 5,043.33 | 0 | 4,696.17 | 0 | 4,340.09 | 0 | 3,983.98 | 0 | 3,627.74 | 0 | 3,269.80 | 0 | 2,911.48 | 0 | 2,552.70 | 0 | 2,193.91 |
| 1/4 | | 1/4 | 5,038.10 | 1/4 | 4,688.75 | 1/4 | 4,332.67 | 1/4 | 3,976.55 | 1/4 | 3,620.32 | 1/4 | 3,262.34 | 1/4 | 2,904.01 | 1/4 | 2,545.22 | 1/4 | 2,186.44 |
| 1/2 | | 1/2 | 5,032.86 | 1/2 | 4,681.33 | 1/2 | 4,325.25 | 1/2 | 3,969.13 | 1/2 | 3,612.90 | 1/2 | 3,254.88 | 1/2 | 2,896.53 | 1/2 | 2,537.75 | 1/2 | 2,178.96 |
| 3/4 | | 3/4 | 5,026.38 | 3/4 | 4,673.92 | 3/4 | 4,317.83 | 3/4 | 3,961.71 | 3/4 | 3,605.45 | 3/4 | 3,247.42 | 3/4 | 2,889.06 | 3/4 | 2,530.27 | 3/4 | 2,171.49 |
| 1 | | 1 | 5,019.89 | 1 | 4,666.50 | 1 | 4,310.41 | 1 | 3,954.29 | 1 | 3,598.00 | 1 | 3,239.96 | 1 | 2,881.58 | 1 | 2,522.80 | 1 | 2,164.01 |
| 1/4 | | 1/4 | 5,013.41 | 1/4 | 4,659.08 | 1/4 | 4,303.00 | 1/4 | 3,946.87 | 1/4 | 3,590.55 | 1/4 | 3,232.51 | 1/4 | 2,874.11 | 1/4 | 2,515.32 | 1/4 | 2,156.54 |
| 1/2 | | 1/2 | 5,006.93 | 1/2 | 4,651.66 | 1/2 | 4,295.58 | 1/2 | 3,939.45 | 1/2 | 3,583.10 | 1/2 | 3,225.05 | 1/2 | 2,866.63 | 1/2 | 2,507.85 | 1/2 | 2,149.06 |
| 3/4 | | 3/4 | 4,999.69 | 3/4 | 4,644.24 | 3/4 | 4,288.16 | 3/4 | 3,932.02 | 3/4 | 3,575.64 | 3/4 | 3,217.59 | 3/4 | 2,859.16 | 3/4 | 2,500.37 | 3/4 | 2,141.59 |
| 2 | | 2 | 4,992.46 | 2 | 4,636.82 | 2 | 4,280.74 | 2 | 3,924.60 | 2 | 3,568.18 | 2 | 3,210.13 | 2 | 2,851.69 | 2 | 2,492.90 | 2 | 2,134.11 |
| 1/4 | | 1/4 | 4,985.22 | 1/4 | 4,629.41 | 1/4 | 4,273.32 | 1/4 | 3,917.18 | 1/4 | 3,560.72 | 1/4 | 3,202.67 | 1/4 | 2,844.21 | 1/4 | 2,485.43 | 1/4 | 2,126.64 |
| 1/2 | | 1/2 | 4,977.99 | 1/2 | 4,621.99 | 1/2 | 4,265.90 | 1/2 | 3,909.76 | 1/2 | 3,553.26 | 1/2 | 3,195.21 | 1/2 | 2,836.74 | 1/2 | 2,477.95 | 1/2 | 2,119.16 |
| 3/4 | | 3/4 | 4,970.58 | 3/4 | 4,614.57 | 3/4 | 4,258.49 | 3/4 | 3,902.34 | 3/4 | 3,545.80 | 3/4 | 3,187.75 | 3/4 | 2,829.26 | 3/4 | 2,470.48 | 3/4 | 2,111.69 |
| 3 | | 3 | 4,963.18 | 3 | 4,607.15 | 3 | 4,251.07 | 3 | 3,894.92 | 3 | 3,538.34 | 3 | 3,180.29 | 3 | 2,821.79 | 3 | 2,463.00 | 3 | 2,104.22 |
| 1/4 | | 1/4 | 4,955.78 | 1/4 | 4,599.73 | 1/4 | 4,243.65 | 1/4 | 3,887.49 | 1/4 | 3,530.88 | 1/4 | 3,172.83 | 1/4 | 2,814.31 | 1/4 | 2,455.53 | 1/4 | 2,096.74 |
| 1/2 | | 1/2 | 4,948.38 | 1/2 | 4,592.31 | 1/2 | 4,236.23 | 1/2 | 3,880.07 | 1/2 | 3,523.42 | 1/2 | 3,165.37 | 1/2 | 2,806.84 | 1/2 | 2,448.05 | 1/2 | 2,089.27 |
| 3/4 | | 3/4 | 4,940.96 | 3/4 | 4,584.90 | 3/4 | 4,228.81 | 3/4 | 3,872.65 | 3/4 | 3,515.96 | 3/4 | 3,157.91 | 3/4 | 2,799.36 | 3/4 | 2,440.58 | 3/4 | 2,081.79 |
| 4 | | 4 | 4,933.55 | 4 | 4,577.48 | 4 | 4,221.39 | 4 | 3,865.23 | 4 | 3,508.50 | 4 | 3,150.45 | 4 | 2,791.89 | 4 | 2,433.10 | 4 | 2,074.32 |
| 1/4 | | 1/4 | 4,926.13 | 1/4 | 4,570.06 | 1/4 | 4,213.98 | 1/4 | 3,857.81 | 1/4 | 3,501.04 | 1/4 | 3,142.99 | 1/4 | 2,784.41 | 1/4 | 2,425.63 | 1/4 | 2,066.84 |
| 1/2 | | 1/2 | 4,918.72 | 1/2 | 4,562.64 | 1/2 | 4,206.56 | 1/2 | 3,850.39 | 1/2 | 3,493.58 | 1/2 | 3,135.53 | 1/2 | 2,776.94 | 1/2 | 2,418.15 | 1/2 | 2,059.37 |
| 3/4 | | 3/4 | 4,911.30 | 3/4 | 4,555.22 | 3/4 | 4,199.14 | 3/4 | 3,842.96 | 3/4 | 3,486.13 | 3/4 | 3,128.07 | 3/4 | 2,769.46 | 3/4 | 2,410.68 | 3/4 | 2,051.89 |
| 5 | | 5 | 4,903.88 | 5 | 4,547.80 | 5 | 4,191.72 | 5 | 3,835.54 | 5 | 3,478.67 | 5 | 3,120.61 | 5 | 2,761.99 | 5 | 2,403.20 | 5 | 2,044.42 |
| 1/4 | | 1/4 | 4,896.47 | 1/4 | 4,540.39 | 1/4 | 4,184.30 | 1/4 | 3,828.12 | 1/4 | 3,471.21 | 1/4 | 3,113.16 | 1/4 | 2,754.51 | 1/4 | 2,395.73 | 1/4 | 2,036.94 |
| 1/2 | | 1/2 | 4,889.05 | 1/2 | 4,532.97 | 1/2 | 4,176.88 | 1/2 | 3,820.70 | 1/2 | 3,463.75 | 1/2 | 3,105.70 | 1/2 | 2,747.04 | 1/2 | 2,388.25 | 1/2 | 2,029.47 |
| 3/4 | | 3/4 | 4,881.63 | 3/4 | 4,525.55 | 3/4 | 4,169.47 | 3/4 | 3,813.28 | 3/4 | 3,456.29 | 3/4 | 3,098.24 | 3/4 | 2,739.56 | 3/4 | 2,380.78 | 3/4 | 2,021.99 |
| 6 | | 6 | 4,874.21 | 6 | 4,518.13 | 6 | 4,162.05 | 6 | 3,805.86 | 6 | 3,448.83 | 6 | 3,090.78 | 6 | 2,732.09 | 6 | 2,373.30 | 6 | 2,014.52 |
| 1/4 | | 1/4 | 4,866.79 | 1/4 | 4,510.71 | 1/4 | 4,154.63 | 1/4 | 3,798.44 | 1/4 | 3,441.37 | 1/4 | 3,083.32 | 1/4 | 2,724.62 | 1/4 | 2,365.83 | 1/4 | 2,007.04 |
| 1/2 | | 1/2 | 4,859.38 | 1/2 | 4,503.29 | 1/2 | 4,147.21 | 1/2 | 3,791.01 | 1/2 | 3,433.91 | 1/2 | 3,075.86 | 1/2 | 2,717.14 | 1/2 | 2,358.36 | 1/2 | 1,999.57 |
| 3/4 | | 3/4 | 4,851.96 | 3/4 | 4,495.87 | 3/4 | 4,139.79 | 3/4 | 3,783.59 | 3/4 | 3,426.45 | 3/4 | 3,068.40 | 3/4 | 2,709.67 | 3/4 | 2,350.88 | 3/4 | 1,992.09 |
| 7 | | 7 | 4,844.54 | 7 | 4,488.46 | 7 | 4,132.37 | 7 | 3,776.17 | 7 | 3,418.99 | 7 | 3,060.94 | 7 | 2,702.19 | 7 | 2,343.41 | 7 | 1,984.62 |
| 1/4 | | 1/4 | 4,837.12 | 1/4 | 4,481.04 | 1/4 | 4,124.95 | 1/4 | 3,768.75 | 1/4 | 3,411.53 | 1/4 | 3,053.48 | 1/4 | 2,694.72 | 1/4 | 2,335.93 | 1/4 | 1,977.15 |
| 1/2 | | 1/2 | 4,829.70 | 1/2 | 4,473.62 | 1/2 | 4,117.54 | 1/2 | 3,761.33 | 1/2 | 3,404.07 | 1/2 | 3,046.02 | 1/2 | 2,687.24 | 1/2 | 2,328.46 | 1/2 | 1,969.67 |
| 3/4 | | 3/4 | 4,822.28 | 3/4 | 4,466.20 | 3/4 | 4,110.12 | 3/4 | 3,753.91 | 3/4 | 3,396.61 | 3/4 | 3,038.55 | 3/4 | 2,679.77 | 3/4 | 2,320.98 | 3/4 | 1,962.20 |
| 8 | | 8 | 4,814.87 | 8 | 4,458.78 | 8 | 4,102.70 | 8 | 3,746.48 | 8 | 3,389.15 | 8 | 3,031.07 | 8 | 2,672.29 | 8 | 2,313.51 | 8 | 1,954.72 |
| 1/4 | | 1/4 | 4,807.45 | 1/4 | 4,451.36 | 1/4 | 4,095.28 | 1/4 | 3,739.06 | 1/4 | 3,381.69 | 1/4 | 3,023.60 | 1/4 | 2,664.82 | 1/4 | 2,306.03 | 1/4 | 1,947.25 |
| 1/2 | | 1/2 | 4,800.03 | 1/2 | 4,443.95 | 1/2 | 4,087.86 | 1/2 | 3,731.64 | 1/2 | 3,374.23 | 1/2 | 3,016.13 | 1/2 | 2,657.34 | 1/2 | 2,298.56 | 1/2 | 1,939.77 |
| 3/4 | | 3/4 | 4,792.61 | 3/4 | 4,436.53 | 3/4 | 4,080.44 | 3/4 | 3,724.22 | 3/4 | 3,366.77 | 3/4 | 3,008.65 | 3/4 | 2,649.87 | 3/4 | 2,291.08 | 3/4 | 1,932.30 |
| 9 | | 9 | 4,785.19 | 9 | 4,429.11 | 9 | 4,073.03 | 9 | 3,716.80 | 9 | 3,359.32 | 9 | 3,001.18 | 9 | 2,642.39 | 9 | 2,283.61 | 9 | 1,924.82 |
| 1/4 | | 1/4 | 4,777.77 | 1/4 | 4,421.69 | 1/4 | 4,065.61 | 1/4 | 3,709.38 | 1/4 | 3,351.86 | 1/4 | 2,993.70 | 1/4 | 2,634.92 | 1/4 | 2,276.13 | 1/4 | 1,917.35 |
| 1/2 | | 1/2 | 4,770.36 | 1/2 | 4,414.27 | 1/2 | 4,058.19 | 1/2 | 3,701.95 | 1/2 | 3,344.40 | 1/2 | 2,986.23 | 1/2 | 2,627.44 | 1/2 | 2,268.66 | 1/2 | 1,909.87 |
| 3/4 | | 3/4 | 4,762.94 | 3/4 | 4,406.85 | 3/4 | 4,050.77 | 3/4 | 3,694.53 | 3/4 | 3,336.94 | 3/4 | 2,978.76 | 3/4 | 2,619.97 | 3/4 | 2,261.18 | 3/4 | 1,902.40 |
| 10 | | 10 | 4,755.52 | 10 | 4,399.44 | 10 | 4,043.35 | 10 | 3,687.11 | 10 | 3,329.48 | 10 | 2,971.28 | 10 | 2,612.50 | 10 | 2,253.71 | 10 | 1,894.92 |
| 1/4 | | 1/4 | 4,748.10 | 1/4 | 4,392.02 | 1/4 | 4,035.93 | 1/4 | 3,679.69 | 1/4 | 3,322.02 | 1/4 | 2,963.81 | 1/4 | 2,605.02 | 1/4 | 2,246.23 | 1/4 | 1,887.45 |
| 1/2 | | 1/2 | 4,740.68 | 1/2 | 4,384.60 | 1/2 | 4,028.50 | 1/2 | 3,672.27 | 1/2 | 3,314.56 | 1/2 | 2,956.33 | 1/2 | 2,597.55 | 1/2 | 2,238.76 | 1/2 | 1,879.97 |
| 3/4 | | 3/4 | 4,733.26 | 3/4 | 4,377.18 | 3/4 | 4,021.08 | 3/4 | 3,664.85 | 3/4 | 3,307.10 | 3/4 | 2,948.86 | 3/4 | 2,590.07 | 3/4 | 2,231.29 | 3/4 | 1,872.50 |
| 11 | | 11 | 4,725.85 | 11 | 4,369.76 | 11 | 4,013.66 | 11 | 3,657.42 | 11 | 3,299.64 | 11 | 2,941.38 | 11 | 2,582.60 | 11 | 2,223.81 | 11 | 1,865.03 |
| 1/4 | | 1/4 | 4,718.43 | 1/4 | 4,362.34 | 1/4 | 4,006.24 | 1/4 | 3,650.00 | 1/4 | 3,292.18 | 1/4 | 2,933.91 | 1/4 | 2,575.12 | 1/4 | 2,216.34 | 1/4 | 1,857.55 |
| 1/2 | | 1/2 | 5,053.81 | 1/2 | 4,711.01 | 1/2 | 4,354.93 | 1/2 | 3,998.82 | 1/2 | 3,642.58 | 1/2 | 3,284.72 | 1/2 | 2,926.43 | 1/2 | 2,567.65 | 1/2 | 2,208.86 |
| 3/4 | | 3/4 | 5,048.57 | 3/4 | 4,703.59 | 3/4 | 4,347.51 | 3/4 | 3,991.40 | 3/4 | 3,635.16 | 3/4 | 3,277.26 | 3/4 | 2,918.96 | 3/4 | 2,560.17 | 3/4 | 2,201.39 |

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 ONLY APPLIES TO ULLAGE GAUGES.

GAUGE POINT: (HERMETIC - 2" VALVE) LOCATED 12'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "PTC 1601"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 1,835.13 | 0 | 1,480.32 | 0 | 1,127.34 | 0 | 782.61 | 0 | 433.06 | 0 | 82.43 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,827.65 | 1/4 | 1,472.84 | 1/4 | 1,120.22 | 1/4 | 775.13 | 1/4 | 425.90 | 1/4 | 75.18 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,820.18 | 1/2 | 1,465.36 | 1/2 | 1,113.10 | 1/2 | 767.66 | 1/2 | 418.73 | 1/2 | 67.93 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,812.83 | 3/4 | 1,457.89 | 3/4 | 1,105.98 | 3/4 | 760.18 | 3/4 | 411.57 | 3/4 | 61.21 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,805.48 | 1 | 1,450.41 | 1 | 1,098.87 | 1 | 752.71 | 1 | 404.41 | 1 | 54.48 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,798.13 | 1/4 | 1,442.94 | 1/4 | 1,091.75 | 1/4 | 745.23 | 1/4 | 397.25 | 1/4 | 47.76 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,790.78 | 1/2 | 1,435.46 | 1/2 | 1,084.63 | 1/2 | 737.76 | 1/2 | 390.08 | 1/2 | 41.03 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,783.47 | 3/4 | 1,427.99 | 3/4 | 1,077.52 | 3/4 | 730.28 | 3/4 | 382.92 | 3/4 | 35.89 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,776.16 | 2 | 1,420.51 | 2 | 1,070.40 | 2 | 722.81 | 2 | 375.76 | 2 | 30.75 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,768.85 | 1/4 | 1,413.04 | 1/4 | 1,063.29 | 1/4 | 715.33 | 1/4 | 368.60 | 1/4 | 25.61 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,761.54 | 1/2 | 1,405.56 | 1/2 | 1,056.17 | 1/2 | 707.86 | 1/2 | 361.43 | 1/2 | 20.48 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,754.23 | 3/4 | 1,398.09 | 3/4 | 1,049.06 | 3/4 | 700.39 | 3/4 | 354.27 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,746.93 | 3 | 1,390.61 | 3 | 1,041.95 | 3 | 692.91 | 3 | 347.11 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,739.62 | 1/4 | 1,383.14 | 1/4 | 1,034.83 | 1/4 | 685.44 | 1/4 | 339.95 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,732.31 | 1/2 | 1,375.66 | 1/2 | 1,027.72 | 1/2 | 677.97 | 1/2 | 332.79 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,725.00 | 3/4 | 1,368.18 | 3/4 | 1,020.61 | 3/4 | 670.62 | 3/4 | 325.64 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,717.69 | 4 | 1,360.71 | 4 | 1,013.49 | 4 | 663.26 | 4 | 318.48 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,710.38 | 1/4 | 1,353.23 | 1/4 | 1,006.38 | 1/4 | 655.91 | 1/4 | 311.32 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,703.08 | 1/2 | 1,345.76 | 1/2 | 999.27 | 1/2 | 648.56 | 1/2 | 304.17 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,695.77 | 3/4 | 1,338.28 | 3/4 | 992.15 | 3/4 | 641.36 | 3/4 | 296.78 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,688.46 | 5 | 1,330.81 | 5 | 985.04 | 5 | 634.17 | 5 | 289.39 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,681.15 | 1/4 | 1,323.33 | 1/4 | 977.93 | 1/4 | 626.97 | 1/4 | 282.00 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,673.84 | 1/2 | 1,315.86 | 1/2 | 970.81 | 1/2 | 619.78 | 1/2 | 274.61 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,666.53 | 3/4 | 1,308.38 | 3/4 | 963.70 | 3/4 | 612.62 | 3/4 | 267.14 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,659.23 | 6 | 1,300.91 | 6 | 956.59 | 6 | 605.47 | 6 | 259.67 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,651.92 | 1/4 | 1,293.43 | 1/4 | 949.47 | 1/4 | 598.31 | 1/4 | 252.20 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,644.61 | 1/2 | 1,285.95 | 1/2 | 942.36 | 1/2 | 591.16 | 1/2 | 244.73 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,637.17 | 3/4 | 1,278.48 | 3/4 | 935.25 | 3/4 | 584.00 | 3/4 | 237.26 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,629.74 | 7 | 1,271.00 | 7 | 928.13 | 7 | 576.85 | 7 | 229.80 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,622.31 | 1/4 | 1,263.53 | 1/4 | 921.02 | 1/4 | 569.69 | 1/4 | 222.33 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,614.87 | 1/2 | 1,256.05 | 1/2 | 913.91 | 1/2 | 562.53 | 1/2 | 214.86 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,607.40 | 3/4 | 1,248.83 | 3/4 | 906.79 | 3/4 | 555.38 | 3/4 | 207.39 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,599.92 | 8 | 1,241.60 | 8 | 899.68 | 8 | 548.22 | 8 | 199.92 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,592.45 | 1/4 | 1,234.38 | 1/4 | 892.57 | 1/4 | 541.07 | 1/4 | 192.46 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,584.97 | 1/2 | 1,227.15 | 1/2 | 885.45 | 1/2 | 533.91 | 1/2 | 184.99 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,577.50 | 3/4 | 1,220.01 | 3/4 | 878.34 | 3/4 | 526.76 | 3/4 | 177.52 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,570.02 | 9 | 1,212.87 | 9 | 871.23 | 9 | 519.60 | 9 | 170.05 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,562.54 | 1/4 | 1,205.72 | 1/4 | 864.11 | 1/4 | 512.44 | 1/4 | 162.58 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,555.07 | 1/2 | 1,198.58 | 1/2 | 857.00 | 1/2 | 505.29 | 1/2 | 155.11 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,547.59 | 3/4 | 1,191.45 | 3/4 | 849.61 | 3/4 | 498.01 | 3/4 | 147.76 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,540.12 | 10 | 1,184.33 | 10 | 842.23 | 10 | 490.74 | 10 | 140.41 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,532.64 | 1/4 | 1,177.20 | 1/4 | 834.84 | 1/4 | 483.46 | 1/4 | 133.06 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,525.17 | 1/2 | 1,170.07 | 1/2 | 827.46 | 1/2 | 476.19 | 1/2 | 125.70 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,517.69 | 3/4 | 1,162.95 | 3/4 | 819.98 | 3/4 | 468.99 | 3/4 | 118.51 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,510.22 | 11 | 1,155.82 | 11 | 812.51 | 11 | 461.79 | 11 | 111.32 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,502.74 | 1/4 | 1,148.70 | 1/4 | 805.03 | 1/4 | 454.58 | 1/4 | 104.13 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,495.27 | 1/2 | 1,141.58 | 1/2 | 797.56 | 1/2 | 447.38 | 1/2 | 96.93 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,487.79 | 3/4 | 1,134.46 | 3/4 | 790.08 | 3/4 | 440.22 | 3/4 | 89.68 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2015 CL
CALCULATED: 12/15/2015 CL
PRINTED: 12/15/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "PTC 1601"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 1/4"

| IN | 0 FT. | IN | 1 FT. | IN | 2 FT. | IN | 3 FT. | IN | 4 FT. | IN | 5 FT. | IN | 6 FT. | IN | 7 FT. | IN | 8 FT. | IN | 9 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0 | | 0 | 5,048.12 | 0 | 4,699.24 | 0 | 4,343.64 | 0 | 3,988.00 | 0 | 3,632.25 | 0 | 3,274.75 | 0 | 2,916.91 | 0 | 2,558.60 | 0 | 2,200.28 |
| 1/4 | | 1/4 | 5,042.89 | 1/4 | 4,691.84 | 1/4 | 4,336.23 | 1/4 | 3,980.59 | 1/4 | 3,624.83 | 1/4 | 3,267.30 | 1/4 | 2,909.44 | 1/4 | 2,551.13 | 1/4 | 2,192.82 |
| 1/2 | | 1/2 | 5,036.41 | 1/2 | 4,684.43 | 1/2 | 4,328.82 | 1/2 | 3,973.18 | 1/2 | 3,617.39 | 1/2 | 3,259.85 | 1/2 | 2,901.98 | 1/2 | 2,543.67 | 1/2 | 2,185.36 |
| 3/4 | | 3/4 | 5,029.94 | 3/4 | 4,677.02 | 3/4 | 4,321.42 | 3/4 | 3,965.77 | 3/4 | 3,609.95 | 3/4 | 3,252.40 | 3/4 | 2,894.51 | 3/4 | 2,536.20 | 3/4 | 2,177.89 |
| 1 | | 1 | 5,023.47 | 1 | 4,669.61 | 1 | 4,314.01 | 1 | 3,958.36 | 1 | 3,602.51 | 1 | 3,244.95 | 1 | 2,887.05 | 1 | 2,528.74 | 1 | 2,170.43 |
| 1/4 | | 1/4 | 5,016.99 | 1/4 | 4,662.20 | 1/4 | 4,306.60 | 1/4 | 3,950.94 | 1/4 | 3,595.07 | 1/4 | 3,237.50 | 1/4 | 2,879.58 | 1/4 | 2,521.27 | 1/4 | 2,162.96 |
| 1/2 | | 1/2 | 5,009.77 | 1/2 | 4,654.79 | 1/2 | 4,299.19 | 1/2 | 3,943.53 | 1/2 | 3,587.62 | 1/2 | 3,230.05 | 1/2 | 2,872.12 | 1/2 | 2,513.81 | 1/2 | 2,155.50 |
| 3/4 | | 3/4 | 5,002.54 | 3/4 | 4,647.38 | 3/4 | 4,291.78 | 3/4 | 3,936.12 | 3/4 | 3,580.18 | 3/4 | 3,222.60 | 3/4 | 2,864.65 | 3/4 | 2,506.34 | 3/4 | 2,148.03 |
| 2 | | 2 | 4,995.31 | 2 | 4,639.98 | 2 | 4,284.37 | 2 | 3,928.71 | 2 | 3,572.73 | 2 | 3,215.15 | 2 | 2,857.19 | 2 | 2,498.88 | 2 | 2,140.57 |
| 1/4 | | 1/4 | 4,988.09 | 1/4 | 4,632.57 | 1/4 | 4,276.96 | 1/4 | 3,921.30 | 1/4 | 3,565.28 | 1/4 | 3,207.71 | 1/4 | 2,849.72 | 1/4 | 2,491.41 | 1/4 | 2,133.10 |
| 1/2 | | 1/2 | 4,980.70 | 1/2 | 4,625.16 | 1/2 | 4,269.56 | 1/2 | 3,913.89 | 1/2 | 3,557.83 | 1/2 | 3,200.26 | 1/2 | 2,842.26 | 1/2 | 2,483.95 | 1/2 | 2,125.64 |
| 3/4 | | 3/4 | 4,973.31 | 3/4 | 4,617.75 | 3/4 | 4,262.15 | 3/4 | 3,906.47 | 3/4 | 3,550.38 | 3/4 | 3,192.81 | 3/4 | 2,834.79 | 3/4 | 2,476.48 | 3/4 | 2,118.17 |
| 3 | | 3 | 4,965.91 | 3 | 4,610.34 | 3 | 4,254.74 | 3 | 3,899.06 | 3 | 3,542.93 | 3 | 3,185.36 | 3 | 2,827.33 | 3 | 2,469.02 | 3 | 2,110.71 |
| 1/4 | | 1/4 | 4,958.52 | 1/4 | 4,602.93 | 1/4 | 4,247.33 | 1/4 | 3,891.65 | 1/4 | 3,535.48 | 1/4 | 3,177.91 | 1/4 | 2,819.86 | 1/4 | 2,461.55 | 1/4 | 2,103.24 |
| 1/2 | | 1/2 | 4,951.12 | 1/2 | 4,595.53 | 1/2 | 4,239.92 | 1/2 | 3,884.24 | 1/2 | 3,528.03 | 1/2 | 3,170.46 | 1/2 | 2,812.40 | 1/2 | 2,454.09 | 1/2 | 2,095.78 |
| 3/4 | | 3/4 | 4,943.71 | 3/4 | 4,588.12 | 3/4 | 4,232.51 | 3/4 | 3,876.83 | 3/4 | 3,520.58 | 3/4 | 3,163.01 | 3/4 | 2,804.93 | 3/4 | 2,446.62 | 3/4 | 2,088.31 |
| 4 | | 4 | 4,936.31 | 4 | 4,580.71 | 4 | 4,225.11 | 4 | 3,869.42 | 4 | 3,513.13 | 4 | 3,155.56 | 4 | 2,797.47 | 4 | 2,439.16 | 4 | 2,080.85 |
| 1/4 | | 1/4 | 4,928.90 | 1/4 | 4,573.30 | 1/4 | 4,217.70 | 1/4 | 3,862.01 | 1/4 | 3,505.68 | 1/4 | 3,148.11 | 1/4 | 2,790.00 | 1/4 | 2,431.69 | 1/4 | 2,073.38 |
| 1/2 | | 1/2 | 4,921.49 | 1/2 | 4,565.89 | 1/2 | 4,210.29 | 1/2 | 3,854.59 | 1/2 | 3,498.23 | 1/2 | 3,140.66 | 1/2 | 2,782.54 | 1/2 | 2,424.23 | 1/2 | 2,065.92 |
| 3/4 | | 3/4 | 4,914.09 | 3/4 | 4,558.48 | 3/4 | 4,202.88 | 3/4 | 3,847.18 | 3/4 | 3,490.78 | 3/4 | 3,133.21 | 3/4 | 2,775.07 | 3/4 | 2,416.76 | 3/4 | 2,058.45 |
| 5 | | 5 | 4,906.68 | 5 | 4,551.08 | 5 | 4,195.47 | 5 | 3,839.77 | 5 | 3,483.33 | 5 | 3,125.76 | 5 | 2,767.61 | 5 | 2,409.30 | 5 | 2,050.99 |
| 1/4 | | 1/4 | 4,899.27 | 1/4 | 4,543.67 | 1/4 | 4,188.06 | 1/4 | 3,832.36 | 1/4 | 3,475.88 | 1/4 | 3,118.31 | 1/4 | 2,760.14 | 1/4 | 2,401.83 | 1/4 | 2,043.52 |
| 1/2 | | 1/2 | 4,891.86 | 1/2 | 4,536.26 | 1/2 | 4,180.66 | 1/2 | 3,824.95 | 1/2 | 3,468.43 | 1/2 | 3,110.86 | 1/2 | 2,752.68 | 1/2 | 2,394.37 | 1/2 | 2,036.06 |
| 3/4 | | 3/4 | 4,884.45 | 3/4 | 4,528.85 | 3/4 | 4,173.25 | 3/4 | 3,817.54 | 3/4 | 3,460.98 | 3/4 | 3,103.41 | 3/4 | 2,745.22 | 3/4 | 2,386.90 | 3/4 | 2,028.59 |
| 6 | | 6 | 4,877.05 | 6 | 4,521.44 | 6 | 4,165.84 | 6 | 3,810.12 | 6 | 3,453.54 | 6 | 3,095.96 | 6 | 2,737.75 | 6 | 2,379.44 | 6 | 2,021.13 |
| 1/4 | | 1/4 | 4,869.64 | 1/4 | 4,514.03 | 1/4 | 4,158.43 | 1/4 | 3,802.71 | 1/4 | 3,446.09 | 1/4 | 3,088.51 | 1/4 | 2,730.29 | 1/4 | 2,371.98 | 1/4 | 2,013.66 |
| 1/2 | | 1/2 | 4,862.23 | 1/2 | 4,506.63 | 1/2 | 4,151.02 | 1/2 | 3,795.30 | 1/2 | 3,438.64 | 1/2 | 3,081.07 | 1/2 | 2,722.82 | 1/2 | 2,364.51 | 1/2 | 2,006.20 |
| 3/4 | | 3/4 | 4,854.82 | 3/4 | 4,499.22 | 3/4 | 4,143.61 | 3/4 | 3,787.89 | 3/4 | 3,431.19 | 3/4 | 3,073.62 | 3/4 | 2,715.36 | 3/4 | 2,357.05 | 3/4 | 1,998.74 |
| 7 | | 7 | 4,847.41 | 7 | 4,491.81 | 7 | 4,136.21 | 7 | 3,780.48 | 7 | 3,423.74 | 7 | 3,066.17 | 7 | 2,707.89 | 7 | 2,349.58 | 7 | 1,991.27 |
| 1/4 | | 1/4 | 4,840.00 | 1/4 | 4,484.40 | 1/4 | 4,128.80 | 1/4 | 3,773.07 | 1/4 | 3,416.29 | 1/4 | 3,058.72 | 1/4 | 2,700.43 | 1/4 | 2,342.12 | 1/4 | 1,983.81 |
| 1/2 | | 1/2 | 4,832.59 | 1/2 | 4,476.99 | 1/2 | 4,121.39 | 1/2 | 3,765.65 | 1/2 | 3,408.84 | 1/2 | 3,051.26 | 1/2 | 2,692.96 | 1/2 | 2,334.65 | 1/2 | 1,976.34 |
| 3/4 | | 3/4 | 4,825.19 | 3/4 | 4,469.58 | 3/4 | 4,113.98 | 3/4 | 3,758.24 | 3/4 | 3,401.39 | 3/4 | 3,043.80 | 3/4 | 2,685.50 | 3/4 | 2,327.19 | 3/4 | 1,968.88 |
| 8 | | 8 | 4,817.78 | 8 | 4,462.17 | 8 | 4,106.57 | 8 | 3,750.83 | 8 | 3,393.94 | 8 | 3,036.34 | 8 | 2,678.03 | 8 | 2,319.72 | 8 | 1,961.41 |
| 1/4 | | 1/4 | 4,810.37 | 1/4 | 4,454.77 | 1/4 | 4,099.16 | 1/4 | 3,743.42 | 1/4 | 3,386.49 | 1/4 | 3,028.88 | 1/4 | 2,670.57 | 1/4 | 2,312.26 | 1/4 | 1,953.95 |
| 1/2 | | 1/2 | 4,802.96 | 1/2 | 4,447.36 | 1/2 | 4,091.75 | 1/2 | 3,736.01 | 1/2 | 3,379.04 | 1/2 | 3,021.41 | 1/2 | 2,663.10 | 1/2 | 2,304.79 | 1/2 | 1,946.48 |
| 3/4 | | 3/4 | 4,795.55 | 3/4 | 4,439.95 | 3/4 | 4,084.35 | 3/4 | 3,728.60 | 3/4 | 3,371.59 | 3/4 | 3,013.95 | 3/4 | 2,655.64 | 3/4 | 2,297.33 | 3/4 | 1,939.02 |
| 9 | | 9 | 4,788.14 | 9 | 4,432.54 | 9 | 4,076.94 | 9 | 3,721.18 | 9 | 3,364.14 | 9 | 3,006.48 | 9 | 2,648.17 | 9 | 2,289.86 | 9 | 1,931.55 |
| 1/4 | | 1/4 | 4,780.74 | 1/4 | 4,425.13 | 1/4 | 4,069.53 | 1/4 | 3,713.77 | 1/4 | 3,356.69 | 1/4 | 2,999.02 | 1/4 | 2,640.71 | 1/4 | 2,282.40 | 1/4 | 1,924.09 |
| 1/2 | | 1/2 | 4,773.33 | 1/2 | 4,417.72 | 1/2 | 4,062.12 | 1/2 | 3,706.36 | 1/2 | 3,349.24 | 1/2 | 2,991.55 | 1/2 | 2,633.24 | 1/2 | 2,274.93 | 1/2 | 1,916.62 |
| 3/4 | | 3/4 | 4,765.92 | 3/4 | 4,410.32 | 3/4 | 4,054.71 | 3/4 | 3,698.95 | 3/4 | 3,341.79 | 3/4 | 2,984.09 | 3/4 | 2,625.78 | 3/4 | 2,267.47 | 3/4 | 1,909.16 |
| 10 | | 10 | 4,758.51 | 10 | 4,402.91 | 10 | 4,047.30 | 10 | 3,691.54 | 10 | 3,334.34 | 10 | 2,976.62 | 10 | 2,618.31 | 10 | 2,260.00 | 10 | 1,901.69 |
| 1/4 | | 1/4 | 4,751.10 | 1/4 | 4,395.50 | 1/4 | 4,039.88 | 1/4 | 3,684.13 | 1/4 | 3,326.90 | 1/4 | 2,969.16 | 1/4 | 2,610.85 | 1/4 | 2,252.54 | 1/4 | 1,894.23 |
| 1/2 | | 1/2 | 4,743.69 | 1/2 | 4,388.09 | 1/2 | 4,032.47 | 1/2 | 3,676.72 | 1/2 | 3,319.45 | 1/2 | 2,961.69 | 1/2 | 2,603.38 | 1/2 | 2,245.07 | 1/2 | 1,886.76 |
| 3/4 | | 3/4 | 4,736.29 | 3/4 | 4,380.68 | 3/4 | 4,025.06 | 3/4 | 3,669.30 | 3/4 | 3,312.00 | 3/4 | 2,954.23 | 3/4 | 2,595.92 | 3/4 | 2,237.61 | 3/4 | 1,879.30 |
| 11 | | 11 | 4,728.88 | 11 | 4,373.27 | 11 | 4,017.65 | 11 | 3,661.89 | 11 | 3,304.55 | 11 | 2,946.76 | 11 | 2,588.45 | 11 | 2,230.14 | 11 | 1,871.83 |
| 1/4 | 5,063.81 | 1/4 | 4,721.47 | 1/4 | 4,365.87 | 1/4 | 4,010.24 | 1/4 | 3,654.48 | 1/4 | 3,297.10 | 1/4 | 2,939.30 | 1/4 | 2,580.99 | 1/4 | 2,222.68 | 1/4 | 1,864.37 |
| 1/2 | 5,058.58 | 1/2 | 4,714.06 | 1/2 | 4,358.46 | 1/2 | 4,002.83 | 1/2 | 3,647.07 | 1/2 | 3,289.65 | 1/2 | 2,931.84 | 1/2 | 2,573.52 | 1/2 | 2,215.21 | 1/2 | 1,856.90 |
| 3/4 | 5,053.35 | 3/4 | 4,706.65 | 3/4 | 4,351.05 | 3/4 | 3,995.41 | 3/4 | 3,639.66 | 3/4 | 3,282.20 | 3/4 | 2,924.37 | 3/4 | 2,566.06 | 3/4 | 2,207.75 | 3/4 | 1,849.44 |

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 ONLY APPLIES TO ULLAGE GAUGES.

GAUGE POINT: (HERMETIC - 2" VALVE) LOCATED 12'-06" OFF CENTERLINE AND 42'-09" FORWARD OF AFT BULKHEAD.

GAUGE POINT: (8" HATCH) LOCATED 12'-06" OFF CENTERLINE AND 40'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

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BARGE "PTC 1601"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 1,841.97 | 0 | 1,487.64 | 0 | 1,131.35 | 0 | 774.08 | 0 | 425.32 | 0 | 75.09 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,834.51 | 1/4 | 1,480.18 | 1/4 | 1,123.91 | 1/4 | 766.62 | 1/4 | 418.17 | 1/4 | 67.85 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,827.17 | 1/2 | 1,472.71 | 1/2 | 1,116.47 | 1/2 | 759.15 | 1/2 | 411.02 | 1/2 | 61.13 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,819.83 | 3/4 | 1,465.25 | 3/4 | 1,109.03 | 3/4 | 751.69 | 3/4 | 403.87 | 3/4 | 54.42 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,812.49 | 1 | 1,457.78 | 1 | 1,101.59 | 1 | 744.22 | 1 | 396.71 | 1 | 47.70 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,805.15 | 1/4 | 1,450.31 | 1/4 | 1,094.15 | 1/4 | 736.76 | 1/4 | 389.56 | 1/4 | 40.98 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,797.85 | 1/2 | 1,442.85 | 1/2 | 1,086.71 | 1/2 | 729.29 | 1/2 | 382.41 | 1/2 | 35.85 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,790.55 | 3/4 | 1,435.38 | 3/4 | 1,079.27 | 3/4 | 721.83 | 3/4 | 375.26 | 3/4 | 30.72 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,783.25 | 2 | 1,427.92 | 2 | 1,071.84 | 2 | 714.36 | 2 | 368.10 | 2 | 25.59 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,775.96 | 1/4 | 1,420.45 | 1/4 | 1,064.40 | 1/4 | 706.90 | 1/4 | 360.95 | 1/4 | 20.45 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,768.66 | 1/2 | 1,413.07 | 1/2 | 1,056.96 | 1/2 | 699.43 | 1/2 | 353.80 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,761.36 | 3/4 | 1,405.70 | 3/4 | 1,049.53 | 3/4 | 691.97 | 3/4 | 346.65 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,754.06 | 3 | 1,398.32 | 3 | 1,042.09 | 3 | 684.51 | 3 | 339.50 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,746.76 | 1/4 | 1,390.94 | 1/4 | 1,034.65 | 1/4 | 677.05 | 1/4 | 332.35 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,739.46 | 1/2 | 1,383.59 | 1/2 | 1,027.22 | 1/2 | 669.70 | 1/2 | 325.21 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,732.17 | 3/4 | 1,376.24 | 3/4 | 1,019.78 | 3/4 | 662.36 | 3/4 | 318.06 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,724.87 | 4 | 1,368.89 | 4 | 1,012.34 | 4 | 655.02 | 4 | 310.91 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,717.57 | 1/4 | 1,361.54 | 1/4 | 1,004.91 | 1/4 | 647.68 | 1/4 | 303.77 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,710.27 | 1/2 | 1,354.19 | 1/2 | 997.47 | 1/2 | 640.49 | 1/2 | 296.39 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,702.97 | 3/4 | 1,346.84 | 3/4 | 990.03 | 3/4 | 633.31 | 3/4 | 289.01 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,695.67 | 5 | 1,339.49 | 5 | 982.60 | 5 | 626.12 | 5 | 281.62 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,688.37 | 1/4 | 1,332.14 | 1/4 | 975.16 | 1/4 | 618.94 | 1/4 | 274.24 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,681.08 | 1/2 | 1,324.79 | 1/2 | 967.72 | 1/2 | 611.79 | 1/2 | 266.79 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,673.78 | 3/4 | 1,317.44 | 3/4 | 960.29 | 3/4 | 604.65 | 3/4 | 259.33 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,666.48 | 6 | 1,310.09 | 6 | 952.85 | 6 | 597.50 | 6 | 251.87 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,659.18 | 1/4 | 1,302.74 | 1/4 | 945.41 | 1/4 | 590.36 | 1/4 | 244.41 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,651.76 | 1/2 | 1,295.30 | 1/2 | 937.98 | 1/2 | 583.21 | 1/2 | 236.95 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,644.33 | 3/4 | 1,287.87 | 3/4 | 930.54 | 3/4 | 576.07 | 3/4 | 229.49 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,636.91 | 7 | 1,280.43 | 7 | 923.10 | 7 | 568.92 | 7 | 222.04 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,629.48 | 1/4 | 1,272.99 | 1/4 | 915.67 | 1/4 | 561.77 | 1/4 | 214.58 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,622.02 | 1/2 | 1,265.53 | 1/2 | 908.23 | 1/2 | 554.63 | 1/2 | 207.12 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,614.55 | 3/4 | 1,258.06 | 3/4 | 900.79 | 3/4 | 547.48 | 3/4 | 199.66 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,607.09 | 8 | 1,250.60 | 8 | 893.36 | 8 | 540.34 | 8 | 192.20 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,599.62 | 1/4 | 1,243.13 | 1/4 | 885.92 | 1/4 | 533.19 | 1/4 | 184.74 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,592.16 | 1/2 | 1,235.67 | 1/2 | 878.48 | 1/2 | 526.04 | 1/2 | 177.29 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,584.69 | 3/4 | 1,228.20 | 3/4 | 871.04 | 3/4 | 518.90 | 3/4 | 169.83 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,577.23 | 9 | 1,220.74 | 9 | 863.61 | 9 | 511.75 | 9 | 162.37 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,569.76 | 1/4 | 1,213.27 | 1/4 | 856.17 | 1/4 | 504.61 | 1/4 | 154.91 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,562.30 | 1/2 | 1,205.82 | 1/2 | 848.71 | 1/2 | 497.34 | 1/2 | 147.57 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,554.83 | 3/4 | 1,198.37 | 3/4 | 841.26 | 3/4 | 490.08 | 3/4 | 140.23 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,547.36 | 10 | 1,190.92 | 10 | 833.80 | 10 | 482.81 | 10 | 132.88 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,539.90 | 1/4 | 1,183.46 | 1/4 | 826.34 | 1/4 | 475.55 | 1/4 | 125.54 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,532.43 | 1/2 | 1,176.02 | 1/2 | 818.87 | 1/2 | 468.35 | 1/2 | 118.36 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,524.97 | 3/4 | 1,168.57 | 3/4 | 811.41 | 3/4 | 461.16 | 3/4 | 111.17 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,517.50 | 11 | 1,161.12 | 11 | 803.94 | 11 | 453.97 | 11 | 103.99 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,510.04 | 1/4 | 1,153.68 | 1/4 | 796.48 | 1/4 | 446.78 | 1/4 | 96.81 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,502.57 | 1/2 | 1,146.24 | 1/2 | 789.01 | 1/2 | 439.63 | 1/2 | 89.57 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,495.11 | 3/4 | 1,138.79 | 3/4 | 781.55 | 3/4 | 432.48 | 3/4 | 82.33 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2015 CL
CALCULATED: 12/15/2015 CL
PRINTED: 12/15/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "PTC 1601"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 1,831.53 | 0 | 1,478.76 | 0 | 1,128.00 | 0 | 786.41 | 0 | 438.51 | 0 | 89.35 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,824.11 | 1/4 | 1,471.34 | 1/4 | 1,120.95 | 1/4 | 778.98 | 1/4 | 431.39 | 1/4 | 82.13 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,816.68 | 1/2 | 1,463.91 | 1/2 | 1,113.89 | 1/2 | 771.54 | 1/2 | 424.27 | 1/2 | 74.91 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,809.26 | 3/4 | 1,456.49 | 3/4 | 1,106.83 | 3/4 | 764.11 | 3/4 | 417.14 | 3/4 | 67.69 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,801.95 | 1 | 1,449.06 | 1 | 1,099.78 | 1 | 756.67 | 1 | 410.01 | 1 | 60.99 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,794.63 | 1/4 | 1,441.63 | 1/4 | 1,092.72 | 1/4 | 749.23 | 1/4 | 402.88 | 1/4 | 54.29 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,787.32 | 1/2 | 1,434.21 | 1/2 | 1,085.66 | 1/2 | 741.80 | 1/2 | 395.75 | 1/2 | 47.58 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,780.01 | 3/4 | 1,426.78 | 3/4 | 1,078.61 | 3/4 | 734.36 | 3/4 | 388.62 | 3/4 | 40.88 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,772.74 | 2 | 1,419.36 | 2 | 1,071.56 | 2 | 726.93 | 2 | 381.48 | 2 | 35.76 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,765.47 | 1/4 | 1,411.93 | 1/4 | 1,064.50 | 1/4 | 719.49 | 1/4 | 374.35 | 1/4 | 30.64 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,758.19 | 1/2 | 1,404.50 | 1/2 | 1,057.45 | 1/2 | 712.06 | 1/2 | 367.21 | 1/2 | 25.52 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,750.92 | 3/4 | 1,397.08 | 3/4 | 1,050.40 | 3/4 | 704.62 | 3/4 | 360.08 | 3/4 | 20.40 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,743.65 | 3 | 1,389.65 | 3 | 1,043.35 | 3 | 697.19 | 3 | 352.95 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,736.38 | 1/4 | 1,382.23 | 1/4 | 1,036.29 | 1/4 | 689.76 | 1/4 | 345.81 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,729.10 | 1/2 | 1,374.80 | 1/2 | 1,029.24 | 1/2 | 682.33 | 1/2 | 338.68 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,721.83 | 3/4 | 1,367.38 | 3/4 | 1,022.19 | 3/4 | 674.90 | 3/4 | 331.55 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,714.56 | 4 | 1,359.95 | 4 | 1,015.14 | 4 | 667.59 | 4 | 324.42 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,707.28 | 1/4 | 1,352.52 | 1/4 | 1,008.09 | 1/4 | 660.28 | 1/4 | 317.29 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,700.01 | 1/2 | 1,345.10 | 1/2 | 1,001.04 | 1/2 | 652.97 | 1/2 | 310.16 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,692.74 | 3/4 | 1,337.67 | 3/4 | 993.98 | 3/4 | 645.66 | 3/4 | 303.03 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,685.47 | 5 | 1,330.25 | 5 | 986.93 | 5 | 638.50 | 5 | 295.67 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,678.19 | 1/4 | 1,322.82 | 1/4 | 979.88 | 1/4 | 631.35 | 1/4 | 288.31 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,670.92 | 1/2 | 1,315.39 | 1/2 | 972.83 | 1/2 | 624.20 | 1/2 | 280.95 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,663.65 | 3/4 | 1,307.97 | 3/4 | 965.78 | 3/4 | 617.05 | 3/4 | 273.58 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,656.37 | 6 | 1,300.54 | 6 | 958.73 | 6 | 609.93 | 6 | 266.14 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,649.10 | 1/4 | 1,293.12 | 1/4 | 951.67 | 1/4 | 602.82 | 1/4 | 258.70 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,641.83 | 1/2 | 1,285.69 | 1/2 | 944.62 | 1/2 | 595.71 | 1/2 | 251.26 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,634.55 | 3/4 | 1,278.26 | 3/4 | 937.57 | 3/4 | 588.59 | 3/4 | 243.82 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,627.17 | 7 | 1,270.84 | 7 | 930.52 | 7 | 581.48 | 7 | 236.38 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,619.78 | 1/4 | 1,263.41 | 1/4 | 923.47 | 1/4 | 574.37 | 1/4 | 228.94 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,612.39 | 1/2 | 1,255.99 | 1/2 | 916.41 | 1/2 | 567.25 | 1/2 | 221.50 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,605.00 | 3/4 | 1,248.56 | 3/4 | 909.36 | 3/4 | 560.14 | 3/4 | 214.06 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,597.58 | 8 | 1,241.39 | 8 | 902.31 | 8 | 553.03 | 8 | 206.62 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,590.15 | 1/4 | 1,234.23 | 1/4 | 895.26 | 1/4 | 545.91 | 1/4 | 199.18 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,582.73 | 1/2 | 1,227.06 | 1/2 | 888.21 | 1/2 | 538.80 | 1/2 | 191.74 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,575.30 | 3/4 | 1,219.89 | 3/4 | 881.16 | 3/4 | 531.69 | 3/4 | 184.30 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,567.87 | 9 | 1,212.81 | 9 | 874.10 | 9 | 524.57 | 9 | 176.86 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,560.45 | 1/4 | 1,205.73 | 1/4 | 867.05 | 1/4 | 517.46 | 1/4 | 169.42 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,553.02 | 1/2 | 1,198.65 | 1/2 | 860.00 | 1/2 | 510.34 | 1/2 | 161.98 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,545.60 | 3/4 | 1,191.57 | 3/4 | 852.95 | 3/4 | 503.23 | 3/4 | 154.53 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,538.17 | 10 | 1,184.50 | 10 | 845.61 | 10 | 495.99 | 10 | 147.21 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,530.75 | 1/4 | 1,177.44 | 1/4 | 838.27 | 1/4 | 488.75 | 1/4 | 139.88 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,523.32 | 1/2 | 1,170.37 | 1/2 | 830.93 | 1/2 | 481.52 | 1/2 | 132.56 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,515.89 | 3/4 | 1,163.31 | 3/4 | 823.59 | 3/4 | 474.28 | 3/4 | 125.23 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,508.47 | 11 | 1,156.24 | 11 | 816.16 | 11 | 467.12 | 11 | 118.07 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,501.04 | 1/4 | 1,149.18 | 1/4 | 808.72 | 1/4 | 459.96 | 1/4 | 110.91 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,493.62 | 1/2 | 1,142.12 | 1/2 | 801.28 | 1/2 | 452.80 | 1/2 | 103.74 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,486.19 | 3/4 | 1,135.06 | 3/4 | 793.85 | 3/4 | 445.64 | 3/4 | 96.58 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/14/2015 CL
CALCULATED: 12/15/2015 CL
PRINTED: 12/15/2015 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2015

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



BARGE "PTC 1601"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-02 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 | 1,853.03 | 0 | 1,499.81 | 0 | 1,142.71 | 0 | 786.57 | 0 | 438.27 | 0 | 89.30 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,845.59 | 1/4 | 1,492.37 | 1/4 | 1,135.29 | 1/4 | 779.13 | 1/4 | 431.14 | 1/4 | 82.08 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,838.15 | 1/2 | 1,484.92 | 1/2 | 1,127.87 | 1/2 | 771.69 | 1/2 | 424.01 | 1/2 | 74.86 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,830.71 | 3/4 | 1,477.48 | 3/4 | 1,120.45 | 3/4 | 764.25 | 3/4 | 416.88 | 3/4 | 67.65 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,823.39 | 1 | 1,470.04 | 1 | 1,113.04 | 1 | 756.80 | 1 | 409.75 | 1 | 60.95 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,816.07 | 1/4 | 1,462.60 | 1/4 | 1,105.62 | 1/4 | 749.36 | 1/4 | 402.62 | 1/4 | 54.25 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,808.76 | 1/2 | 1,455.15 | 1/2 | 1,098.20 | 1/2 | 741.92 | 1/2 | 395.49 | 1/2 | 47.56 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,801.44 | 3/4 | 1,447.71 | 3/4 | 1,090.78 | 3/4 | 734.48 | 3/4 | 388.36 | 3/4 | 40.86 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,794.17 | 2 | 1,440.27 | 2 | 1,083.37 | 2 | 727.03 | 2 | 381.23 | 2 | 35.74 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,786.89 | 1/4 | 1,432.83 | 1/4 | 1,075.95 | 1/4 | 719.59 | 1/4 | 374.10 | 1/4 | 30.63 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,779.62 | 1/2 | 1,425.38 | 1/2 | 1,068.54 | 1/2 | 712.15 | 1/2 | 366.97 | 1/2 | 25.51 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,772.34 | 3/4 | 1,417.94 | 3/4 | 1,061.12 | 3/4 | 704.71 | 3/4 | 359.84 | 3/4 | 20.39 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,765.07 | 3 | 1,410.50 | 3 | 1,053.71 | 3 | 697.27 | 3 | 352.72 | 3 | | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,757.79 | 1/4 | 1,403.05 | 1/4 | 1,046.29 | 1/4 | 689.83 | 1/4 | 345.59 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,750.52 | 1/2 | 1,395.61 | 1/2 | 1,038.88 | 1/2 | 682.39 | 1/2 | 338.46 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,743.24 | 3/4 | 1,388.17 | 3/4 | 1,031.47 | 3/4 | 674.95 | 3/4 | 331.34 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,735.97 | 4 | 1,380.73 | 4 | 1,024.05 | 4 | 667.63 | 4 | 324.21 | 4 | | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,728.69 | 1/4 | 1,373.28 | 1/4 | 1,016.64 | 1/4 | 660.31 | 1/4 | 317.09 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,721.42 | 1/2 | 1,365.84 | 1/2 | 1,009.22 | 1/2 | 652.99 | 1/2 | 309.96 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,714.14 | 3/4 | 1,358.40 | 3/4 | 1,001.81 | 3/4 | 645.67 | 3/4 | 302.84 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,706.87 | 5 | 1,350.95 | 5 | 994.40 | 5 | 638.51 | 5 | 295.48 | 5 | | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,699.59 | 1/4 | 1,343.51 | 1/4 | 986.98 | 1/4 | 631.34 | 1/4 | 288.12 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,692.32 | 1/2 | 1,336.07 | 1/2 | 979.57 | 1/2 | 624.18 | 1/2 | 280.77 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,685.04 | 3/4 | 1,328.63 | 3/4 | 972.15 | 3/4 | 617.02 | 3/4 | 273.41 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,677.77 | 6 | 1,321.18 | 6 | 964.74 | 6 | 609.89 | 6 | 265.97 | 6 | | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,670.49 | 1/4 | 1,313.74 | 1/4 | 957.33 | 1/4 | 602.77 | 1/4 | 258.54 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,663.22 | 1/2 | 1,306.30 | 1/2 | 949.91 | 1/2 | 595.65 | 1/2 | 251.10 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,655.94 | 3/4 | 1,298.85 | 3/4 | 942.50 | 3/4 | 588.53 | 3/4 | 243.67 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,648.54 | 7 | 1,291.41 | 7 | 935.08 | 7 | 581.40 | 7 | 236.23 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,641.14 | 1/4 | 1,283.97 | 1/4 | 927.67 | 1/4 | 574.28 | 1/4 | 228.79 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,633.74 | 1/2 | 1,276.53 | 1/2 | 920.25 | 1/2 | 567.16 | 1/2 | 221.36 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,626.34 | 3/4 | 1,269.08 | 3/4 | 912.84 | 3/4 | 560.03 | 3/4 | 213.92 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,618.90 | 8 | 1,261.64 | 8 | 905.43 | 8 | 552.91 | 8 | 206.49 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,611.45 | 1/4 | 1,254.20 | 1/4 | 898.01 | 1/4 | 545.79 | 1/4 | 199.05 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,604.01 | 1/2 | 1,246.76 | 1/2 | 890.60 | 1/2 | 538.66 | 1/2 | 191.62 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,596.57 | 3/4 | 1,239.31 | 3/4 | 883.18 | 3/4 | 531.54 | 3/4 | 184.18 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,589.12 | 9 | 1,231.87 | 9 | 875.77 | 9 | 524.42 | 9 | 176.74 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,581.68 | 1/4 | 1,224.43 | 1/4 | 868.36 | 1/4 | 517.29 | 1/4 | 169.31 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,574.24 | 1/2 | 1,216.98 | 1/2 | 860.94 | 1/2 | 510.17 | 1/2 | 161.87 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,566.80 | 3/4 | 1,209.54 | 3/4 | 853.53 | 3/4 | 503.05 | 3/4 | 154.44 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,559.35 | 10 | 1,202.11 | 10 | 846.09 | 10 | 495.81 | 10 | 147.12 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,551.91 | 1/4 | 1,194.68 | 1/4 | 838.66 | 1/4 | 488.56 | 1/4 | 139.80 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,544.47 | 1/2 | 1,187.26 | 1/2 | 831.22 | 1/2 | 481.32 | 1/2 | 132.48 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,537.02 | 3/4 | 1,179.83 | 3/4 | 823.79 | 3/4 | 474.08 | 3/4 | 125.16 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,529.58 | 11 | 1,172.40 | 11 | 816.34 | 11 | 466.91 | 11 | 118.00 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,522.14 | 1/4 | 1,164.98 | 1/4 | 808.90 | 1/4 | 459.74 | 1/4 | 110.84 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,514.70 | 1/2 | 1,157.55 | 1/2 | 801.46 | 1/2 | 452.57 | 1/2 | 103.68 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,507.25 | 3/4 | 1,150.13 | 3/4 | 794.02 | 3/4 | 445.40 | 3/4 | 96.52 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |

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