



# BARGE "FMT 1414"

## INNAGE TRIM TABLE

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

(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 CENTER IS - 00-1/2"  
 FOR A MEASURED INNAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED INNAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-09"

November 26, 2019

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

<http://www.pmacorp.net>





# BARGE "FMT 1414"

## 1 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,445.34 | 0   | 2,674.14 | 0   | 2,885.53 | 0   | 3,096.93 | 0   | 3,308.33 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,450.49 | 1/4 | 2,678.54 | 1/4 | 2,889.94 | 1/4 | 3,101.33 | 1/4 | 3,312.73 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,455.65 | 1/2 | 2,682.94 | 1/2 | 2,894.34 | 1/2 | 3,105.74 | 1/2 | 3,317.14 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,460.81 | 3/4 | 2,687.35 | 3/4 | 2,898.75 | 3/4 | 3,110.14 | 3/4 | 3,321.54 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,465.97 | 1   | 2,691.75 | 1   | 2,903.15 | 1   | 3,114.55 | 1   | 3,325.94 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,471.12 | 1/4 | 2,696.16 | 1/4 | 2,907.55 | 1/4 | 3,118.95 | 1/4 | 3,330.35 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,476.28 | 1/2 | 2,700.56 | 1/2 | 2,911.96 | 1/2 | 3,123.35 | 1/2 | 3,334.75 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,481.44 | 3/4 | 2,704.97 | 3/4 | 2,916.36 | 3/4 | 3,127.76 | 3/4 | 3,339.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,486.59 | 2   | 2,709.37 | 2   | 2,920.77 | 2   | 3,132.16 | 2   | 3,343.56 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,491.75 | 1/4 | 2,713.77 | 1/4 | 2,925.17 | 1/4 | 3,136.57 | 1/4 | 3,347.97 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,496.91 | 1/2 | 2,718.18 | 1/2 | 2,929.57 | 1/2 | 3,140.97 | 1/2 | 3,352.38 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,502.07 | 3/4 | 2,722.58 | 3/4 | 2,933.98 | 3/4 | 3,145.38 | 3/4 | 3,356.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,507.22 | 3   | 2,726.99 | 3   | 2,938.38 | 3   | 3,149.78 | 3   | 3,361.19 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,512.38 | 1/4 | 2,731.39 | 1/4 | 2,942.79 | 1/4 | 3,154.18 | 1/4 | 3,365.59 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,517.54 | 1/2 | 2,735.79 | 1/2 | 2,947.19 | 1/2 | 3,158.59 | 1/2 | 3,369.98 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,522.70 | 3/4 | 2,740.20 | 3/4 | 2,951.59 | 3/4 | 3,162.99 | 3/4 | 3,374.37 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,527.85 | 4   | 2,744.60 | 4   | 2,956.00 | 4   | 3,167.40 | 4   | 3,378.76 | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,533.00 | 1/4 | 2,749.01 | 1/4 | 2,960.40 | 1/4 | 3,171.80 | 1/4 | 3,383.12 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,538.14 | 1/2 | 2,753.41 | 1/2 | 2,964.81 | 1/2 | 3,176.20 | 1/2 | 3,387.48 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,543.28 | 3/4 | 2,757.81 | 3/4 | 2,969.21 | 3/4 | 3,180.61 | 3/4 | 3,391.84 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,548.42 | 5   | 2,762.22 | 5   | 2,973.62 | 5   | 3,185.01 | 5   | 3,396.20 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,553.56 | 1/4 | 2,766.62 | 1/4 | 2,978.02 | 1/4 | 3,189.42 | 1/4 | 3,400.51 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,558.70 | 1/2 | 2,771.03 | 1/2 | 2,982.42 | 1/2 | 3,193.82 | 1/2 | 3,404.82 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,563.85 | 3/4 | 2,775.43 | 3/4 | 2,986.83 | 3/4 | 3,198.22 | 3/4 | 3,409.13 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,568.99 | 6   | 2,779.83 | 6   | 2,991.23 | 6   | 3,202.63 | 6   | 3,413.44 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,573.36 | 1/4 | 2,784.24 | 1/4 | 2,995.64 | 1/4 | 3,207.03 | 1/4 | 3,416.03 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,577.73 | 1/2 | 2,788.64 | 1/2 | 3,000.04 | 1/2 | 3,211.44 | 1/2 | 3,418.62 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,582.10 | 3/4 | 2,793.05 | 3/4 | 3,004.44 | 3/4 | 3,215.84 | 3/4 | 3,421.21 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,586.47 | 7   | 2,797.45 | 7   | 3,008.85 | 7   | 3,220.24 | 7   | 3,423.80 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,590.84 | 1/4 | 2,801.86 | 1/4 | 3,013.25 | 1/4 | 3,224.65 | 1/4 | 3,424.66 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,595.21 | 1/2 | 2,806.26 | 1/2 | 3,017.66 | 1/2 | 3,229.05 | 1/2 | 3,425.52 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,599.58 | 3/4 | 2,810.66 | 3/4 | 3,022.06 | 3/4 | 3,233.46 | 3/4 | 3,426.38 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,603.95 | 8   | 2,815.07 | 8   | 3,026.46 | 8   | 3,237.86 | 8   | 3,427.24 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,608.32 | 1/4 | 2,819.47 | 1/4 | 3,030.87 | 1/4 | 3,242.27 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,612.69 | 1/2 | 2,823.88 | 1/2 | 3,035.27 | 1/2 | 3,246.67 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,617.06 | 3/4 | 2,828.28 | 3/4 | 3,039.68 | 3/4 | 3,251.07 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,621.42 | 9   | 2,832.68 | 9   | 3,044.08 | 9   | 3,255.48 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,625.79 | 1/4 | 2,837.09 | 1/4 | 3,048.49 | 1/4 | 3,259.88 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,630.16 | 1/2 | 2,841.49 | 1/2 | 3,052.89 | 1/2 | 3,264.29 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,634.53 | 3/4 | 2,845.90 | 3/4 | 3,057.29 | 3/4 | 3,268.69 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,638.90 | 10  | 2,850.30 | 10  | 3,061.70 | 10  | 3,273.09 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,643.31 | 1/4 | 2,854.70 | 1/4 | 3,066.10 | 1/4 | 3,277.50 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,647.71 | 1/2 | 2,859.11 | 1/2 | 3,070.51 | 1/2 | 3,281.90 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,652.12 | 3/4 | 2,863.51 | 3/4 | 3,074.91 | 3/4 | 3,286.31 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,656.52 | 11  | 2,867.92 | 11  | 3,079.31 | 11  | 3,290.71 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,660.92 | 1/4 | 2,872.32 | 1/4 | 3,083.72 | 1/4 | 3,295.11 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,665.33 | 1/2 | 2,876.73 | 1/2 | 3,088.12 | 1/2 | 3,299.52 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,669.73 | 3/4 | 2,881.13 | 3/4 | 3,092.53 | 3/4 | 3,303.92 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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





# BARGE "FMT 1414"

## 2 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,713.28 | 0   | 2,988.69 | 0   | 3,264.11 | 0   | 3,539.52 | 0   | 3,814.93 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,719.02 | 1/4 | 2,994.43 | 1/4 | 3,269.84 | 1/4 | 3,545.26 | 1/4 | 3,820.67 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,724.75 | 1/2 | 3,000.17 | 1/2 | 3,275.58 | 1/2 | 3,551.00 | 1/2 | 3,826.41 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,730.49 | 3/4 | 3,005.91 | 3/4 | 3,281.32 | 3/4 | 3,556.73 | 3/4 | 3,832.15 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,736.23 | 1   | 3,011.64 | 1   | 3,287.06 | 1   | 3,562.47 | 1   | 3,837.89 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,741.97 | 1/4 | 3,017.38 | 1/4 | 3,292.80 | 1/4 | 3,568.21 | 1/4 | 3,843.62 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,747.70 | 1/2 | 3,023.12 | 1/2 | 3,298.53 | 1/2 | 3,573.95 | 1/2 | 3,849.36 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,753.44 | 3/4 | 3,028.86 | 3/4 | 3,304.27 | 3/4 | 3,579.69 | 3/4 | 3,855.10 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,759.18 | 2   | 3,034.59 | 2   | 3,310.01 | 2   | 3,585.42 | 2   | 3,860.84 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,764.92 | 1/4 | 3,040.33 | 1/4 | 3,315.75 | 1/4 | 3,591.16 | 1/4 | 3,866.58 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,770.66 | 1/2 | 3,046.07 | 1/2 | 3,321.48 | 1/2 | 3,596.90 | 1/2 | 3,872.32 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,776.39 | 3/4 | 3,051.81 | 3/4 | 3,327.22 | 3/4 | 3,602.64 | 3/4 | 3,878.06 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,782.13 | 3   | 3,057.55 | 3   | 3,332.96 | 3   | 3,608.37 | 3   | 3,883.80 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,787.87 | 1/4 | 3,063.28 | 1/4 | 3,338.70 | 1/4 | 3,614.11 | 1/4 | 3,889.53 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,793.61 | 1/2 | 3,069.02 | 1/2 | 3,344.44 | 1/2 | 3,619.85 | 1/2 | 3,895.25 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,799.34 | 3/4 | 3,074.76 | 3/4 | 3,350.17 | 3/4 | 3,625.59 | 3/4 | 3,900.97 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,805.08 | 4   | 3,080.50 | 4   | 3,355.91 | 4   | 3,631.33 | 4   | 3,906.70 | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,810.82 | 1/4 | 3,086.23 | 1/4 | 3,361.65 | 1/4 | 3,637.06 | 1/4 | 3,912.38 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,816.56 | 1/2 | 3,091.97 | 1/2 | 3,367.39 | 1/2 | 3,642.80 | 1/2 | 3,918.07 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,822.30 | 3/4 | 3,097.71 | 3/4 | 3,373.12 | 3/4 | 3,648.54 | 3/4 | 3,923.76 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,828.03 | 5   | 3,103.45 | 5   | 3,378.86 | 5   | 3,654.28 | 5   | 3,929.45 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,833.77 | 1/4 | 3,109.19 | 1/4 | 3,384.60 | 1/4 | 3,660.01 | 1/4 | 3,934.23 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,839.51 | 1/2 | 3,114.92 | 1/2 | 3,390.34 | 1/2 | 3,665.75 | 1/2 | 3,939.01 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,845.25 | 3/4 | 3,120.66 | 3/4 | 3,396.08 | 3/4 | 3,671.49 | 3/4 | 3,943.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,850.98 | 6   | 3,126.40 | 6   | 3,401.81 | 6   | 3,677.23 | 6   | 3,948.56 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,856.72 | 1/4 | 3,132.14 | 1/4 | 3,407.55 | 1/4 | 3,682.97 | 1/4 | 3,951.43 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,862.46 | 1/2 | 3,137.87 | 1/2 | 3,413.29 | 1/2 | 3,688.70 | 1/2 | 3,954.30 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,868.20 | 3/4 | 3,143.61 | 3/4 | 3,419.03 | 3/4 | 3,694.44 | 3/4 | 3,957.17 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,873.94 | 7   | 3,149.35 | 7   | 3,424.76 | 7   | 3,700.18 | 7   | 3,960.04 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,879.67 | 1/4 | 3,155.09 | 1/4 | 3,430.50 | 1/4 | 3,705.92 | 1/4 | 3,960.99 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,885.41 | 1/2 | 3,160.83 | 1/2 | 3,436.24 | 1/2 | 3,711.65 | 1/2 | 3,961.95 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,891.15 | 3/4 | 3,166.56 | 3/4 | 3,441.98 | 3/4 | 3,717.39 | 3/4 | 3,962.90 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,896.89 | 8   | 3,172.30 | 8   | 3,447.72 | 8   | 3,723.13 | 8   | 3,963.86 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,902.62 | 1/4 | 3,178.04 | 1/4 | 3,453.45 | 1/4 | 3,728.87 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,908.36 | 1/2 | 3,183.78 | 1/2 | 3,459.19 | 1/2 | 3,734.61 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,914.10 | 3/4 | 3,189.51 | 3/4 | 3,464.93 | 3/4 | 3,740.34 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,919.84 | 9   | 3,195.25 | 9   | 3,470.67 | 9   | 3,746.08 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,925.58 | 1/4 | 3,200.99 | 1/4 | 3,476.40 | 1/4 | 3,751.82 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,931.31 | 1/2 | 3,206.73 | 1/2 | 3,482.14 | 1/2 | 3,757.56 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,937.05 | 3/4 | 3,212.47 | 3/4 | 3,487.88 | 3/4 | 3,763.29 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,942.79 | 10  | 3,218.20 | 10  | 3,493.62 | 10  | 3,769.03 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,948.53 | 1/4 | 3,223.94 | 1/4 | 3,499.36 | 1/4 | 3,774.77 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,954.27 | 1/2 | 3,229.68 | 1/2 | 3,505.09 | 1/2 | 3,780.51 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,960.00 | 3/4 | 3,235.42 | 3/4 | 3,510.83 | 3/4 | 3,786.25 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,965.74 | 11  | 3,241.15 | 11  | 3,516.57 | 11  | 3,791.98 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,971.48 | 1/4 | 3,246.89 | 1/4 | 3,522.31 | 1/4 | 3,797.72 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,977.22 | 1/2 | 3,252.63 | 1/2 | 3,528.04 | 1/2 | 3,803.46 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,982.95 | 3/4 | 3,258.37 | 3/4 | 3,533.78 | 3/4 | 3,809.20 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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





# BARGE "FMT 1414"

## 3 CENTER INNAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT.   | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 2,431.20 | 0   | 2,677.40 | 0   | 2,923.61 | 0   | 3,169.81 | 0   | 3,416.01 | 0   |        | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 2,436.33 | 1/4 | 2,682.53 | 1/4 | 2,928.73 | 1/4 | 3,174.94 | 1/4 | 3,421.14 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,441.46 | 1/2 | 2,687.66 | 1/2 | 2,933.86 | 1/2 | 3,180.07 | 1/2 | 3,426.27 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,446.59 | 3/4 | 2,692.79 | 3/4 | 2,938.99 | 3/4 | 3,185.19 | 3/4 | 3,431.40 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 2,451.72 | 1   | 2,697.92 | 1   | 2,944.12 | 1   | 3,190.32 | 1   | 3,436.53 | 1   |        | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 2,456.85 | 1/4 | 2,703.05 | 1/4 | 2,949.25 | 1/4 | 3,195.45 | 1/4 | 3,441.65 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,461.98 | 1/2 | 2,708.18 | 1/2 | 2,954.38 | 1/2 | 3,200.58 | 1/2 | 3,446.78 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,467.11 | 3/4 | 2,713.31 | 3/4 | 2,959.51 | 3/4 | 3,205.71 | 3/4 | 3,451.91 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 2,472.24 | 2   | 2,718.44 | 2   | 2,964.64 | 2   | 3,210.84 | 2   | 3,457.04 | 2   |        | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 2,477.36 | 1/4 | 2,723.57 | 1/4 | 2,969.77 | 1/4 | 3,215.97 | 1/4 | 3,462.17 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,482.49 | 1/2 | 2,728.70 | 1/2 | 2,974.90 | 1/2 | 3,221.10 | 1/2 | 3,467.30 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,487.62 | 3/4 | 2,733.82 | 3/4 | 2,980.03 | 3/4 | 3,226.23 | 3/4 | 3,472.42 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 2,492.75 | 3   | 2,738.95 | 3   | 2,985.16 | 3   | 3,231.36 | 3   | 3,477.55 | 3   |        | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 2,497.88 | 1/4 | 2,744.08 | 1/4 | 2,990.28 | 1/4 | 3,236.49 | 1/4 | 3,482.67 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,503.01 | 1/2 | 2,749.21 | 1/2 | 2,995.41 | 1/2 | 3,241.62 | 1/2 | 3,487.78 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,508.14 | 3/4 | 2,754.34 | 3/4 | 3,000.54 | 3/4 | 3,246.74 | 3/4 | 3,492.90 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 2,513.27 | 4   | 2,759.47 | 4   | 3,005.67 | 4   | 3,251.87 | 4   | 3,498.02 | 4   |        | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 2,518.40 | 1/4 | 2,764.60 | 1/4 | 3,010.80 | 1/4 | 3,257.00 | 1/4 | 3,503.10 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,523.53 | 1/2 | 2,769.73 | 1/2 | 3,015.93 | 1/2 | 3,262.13 | 1/2 | 3,508.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,528.66 | 3/4 | 2,774.86 | 3/4 | 3,021.06 | 3/4 | 3,267.26 | 3/4 | 3,513.27 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 2,533.79 | 5   | 2,779.99 | 5   | 3,026.19 | 5   | 3,272.39 | 5   | 3,518.36 | 5   |        | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 2,538.92 | 1/4 | 2,785.12 | 1/4 | 3,031.32 | 1/4 | 3,277.52 | 1/4 | 3,522.63 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,544.04 | 1/2 | 2,790.25 | 1/2 | 3,036.45 | 1/2 | 3,282.65 | 1/2 | 3,526.90 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,549.17 | 3/4 | 2,795.38 | 3/4 | 3,041.58 | 3/4 | 3,287.78 | 3/4 | 3,531.17 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 2,554.30 | 6   | 2,800.50 | 6   | 3,046.71 | 6   | 3,292.91 | 6   | 3,535.44 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 2,559.43 | 1/4 | 2,805.63 | 1/4 | 3,051.84 | 1/4 | 3,298.04 | 1/4 | 3,538.01 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,564.56 | 1/2 | 2,810.76 | 1/2 | 3,056.96 | 1/2 | 3,303.17 | 1/2 | 3,540.57 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,569.69 | 3/4 | 2,815.89 | 3/4 | 3,062.09 | 3/4 | 3,308.30 | 3/4 | 3,543.14 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 2,574.82 | 7   | 2,821.02 | 7   | 3,067.22 | 7   | 3,313.42 | 7   | 3,545.70 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 2,579.95 | 1/4 | 2,826.15 | 1/4 | 3,072.35 | 1/4 | 3,318.55 | 1/4 | 3,546.55 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,585.08 | 1/2 | 2,831.28 | 1/2 | 3,077.48 | 1/2 | 3,323.68 | 1/2 | 3,547.41 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,590.21 | 3/4 | 2,836.41 | 3/4 | 3,082.61 | 3/4 | 3,328.81 | 3/4 | 3,548.26 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 2,595.34 | 8   | 2,841.54 | 8   | 3,087.74 | 8   | 3,333.94 | 8   | 3,549.11 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 2,600.47 | 1/4 | 2,846.67 | 1/4 | 3,092.87 | 1/4 | 3,339.07 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,605.59 | 1/2 | 2,851.80 | 1/2 | 3,098.00 | 1/2 | 3,344.20 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,610.72 | 3/4 | 2,856.93 | 3/4 | 3,103.13 | 3/4 | 3,349.33 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 2,615.85 | 9   | 2,862.05 | 9   | 3,108.26 | 9   | 3,354.46 | 9   |          | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 2,620.98 | 1/4 | 2,867.18 | 1/4 | 3,113.39 | 1/4 | 3,359.59 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,626.11 | 1/2 | 2,872.31 | 1/2 | 3,118.51 | 1/2 | 3,364.72 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,631.24 | 3/4 | 2,877.44 | 3/4 | 3,123.64 | 3/4 | 3,369.85 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 2,636.37 | 10  | 2,882.57 | 10  | 3,128.77 | 10  | 3,374.97 | 10  |          | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 2,641.50 | 1/4 | 2,887.70 | 1/4 | 3,133.90 | 1/4 | 3,380.10 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,646.63 | 1/2 | 2,892.83 | 1/2 | 3,139.03 | 1/2 | 3,385.23 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,651.76 | 3/4 | 2,897.96 | 3/4 | 3,144.16 | 3/4 | 3,390.36 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 2,656.89 | 11  | 2,903.09 | 11  | 3,149.29 | 11  | 3,395.49 | 11  |          | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 2,662.02 | 1/4 | 2,908.22 | 1/4 | 3,154.42 | 1/4 | 3,400.62 | 1/4 |          | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 2,667.15 | 1/2 | 2,913.35 | 1/2 | 3,159.55 | 1/2 | 3,405.75 | 1/2 |          | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 2,672.27 | 3/4 | 2,918.48 | 3/4 | 3,164.68 | 3/4 | 3,410.88 | 3/4 |          | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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



# BARGE "FMT 1414"

## ULLAGE TRIM TABLE

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

(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 CENTER IS 00-1/2"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/2"

LENGTH BETWEEN DRAFT MARKS: 163'-09"

November 26, 2019

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

<http://www.pmacorp.net>







# BARGE "FMT 1414"

## 1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT. | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,357.03 | 0   | 1,109.30 | 0   | 861.57 | 0   | 619.63 | 0   | 371.37 | 0   | 122.88 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,351.87 | 1/4 | 1,104.14 | 1/4 | 856.40 | 1/4 | 614.61 | 1/4 | 366.19 | 1/4 | 117.71 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,346.71 | 1/2 | 1,098.98 | 1/2 | 851.24 | 1/2 | 609.44 | 1/2 | 361.02 | 1/2 | 112.53 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,341.55 | 3/4 | 1,093.82 | 3/4 | 846.08 | 3/4 | 604.27 | 3/4 | 355.84 | 3/4 | 107.35 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,336.39 | 1   | 1,088.65 | 1   | 840.92 | 1   | 599.11 | 1   | 350.66 | 1   | 102.18 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,331.23 | 1/4 | 1,083.49 | 1/4 | 835.76 | 1/4 | 593.94 | 1/4 | 345.49 | 1/4 | 97.00  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,326.06 | 1/2 | 1,078.33 | 1/2 | 830.60 | 1/2 | 588.77 | 1/2 | 340.31 | 1/2 | 91.83  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,320.90 | 3/4 | 1,073.17 | 3/4 | 825.44 | 3/4 | 583.60 | 3/4 | 335.13 | 3/4 | 86.65  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,315.74 | 2   | 1,068.01 | 2   | 820.28 | 2   | 578.43 | 2   | 329.96 | 2   | 81.48  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,310.58 | 1/4 | 1,062.85 | 1/4 | 815.12 | 1/4 | 573.26 | 1/4 | 324.78 | 1/4 | 76.30  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,305.42 | 1/2 | 1,057.69 | 1/2 | 810.09 | 1/2 | 568.09 | 1/2 | 319.60 | 1/2 | 71.14  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,300.26 | 3/4 | 1,052.53 | 3/4 | 805.05 | 3/4 | 562.91 | 3/4 | 314.43 | 3/4 | 65.97  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,295.10 | 3   | 1,047.37 | 3   | 800.02 | 3   | 557.73 | 3   | 309.25 | 3   | 60.81  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,289.94 | 1/4 | 1,042.20 | 1/4 | 794.99 | 1/4 | 552.56 | 1/4 | 304.07 | 1/4 | 55.65  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,284.78 | 1/2 | 1,037.04 | 1/2 | 789.96 | 1/2 | 547.38 | 1/2 | 298.90 | 1/2 | 50.51  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,279.62 | 3/4 | 1,031.88 | 3/4 | 784.94 | 3/4 | 542.20 | 3/4 | 293.72 | 3/4 | 45.38  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,274.45 | 4   | 1,026.72 | 4   | 779.91 | 4   | 537.03 | 4   | 288.54 | 4   | 40.25  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,269.29 | 1/4 | 1,021.56 | 1/4 | 774.88 | 1/4 | 531.85 | 1/4 | 283.37 | 1/4 | 35.12  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,264.13 | 1/2 | 1,016.40 | 1/2 | 769.88 | 1/2 | 526.67 | 1/2 | 278.19 | 1/2 | 30.81  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,258.97 | 3/4 | 1,011.24 | 3/4 | 764.87 | 3/4 | 521.50 | 3/4 | 273.01 | 3/4 | 26.49  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,253.81 | 5   | 1,006.08 | 5   | 759.87 | 5   | 516.32 | 5   | 267.84 | 5   | 22.18  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,248.65 | 1/4 | 1,000.92 | 1/4 | 754.86 | 1/4 | 511.14 | 1/4 | 262.66 | 1/4 | 17.87  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,243.49 | 1/2 | 995.75   | 1/2 | 749.86 | 1/2 | 505.97 | 1/2 | 257.48 | 1/2 | 15.28  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,238.33 | 3/4 | 990.59   | 3/4 | 744.85 | 3/4 | 500.79 | 3/4 | 252.31 | 3/4 | 12.70  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,233.17 | 6   | 985.43   | 6   | 739.85 | 6   | 495.61 | 6   | 247.13 | 6   | 10.11  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,228.00 | 1/4 | 980.27   | 1/4 | 734.84 | 1/4 | 490.44 | 1/4 | 241.95 | 1/4 | 7.52   | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,222.84 | 1/2 | 975.11   | 1/2 | 729.84 | 1/2 | 485.26 | 1/2 | 236.78 | 1/2 | 6.66   | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,217.68 | 3/4 | 969.95   | 3/4 | 724.83 | 3/4 | 480.08 | 3/4 | 231.60 | 3/4 | 5.80   | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,212.52 | 7   | 964.79   | 7   | 719.83 | 7   | 474.91 | 7   | 226.42 | 7   | 4.94   | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,207.36 | 1/4 | 959.63   | 1/4 | 714.82 | 1/4 | 469.73 | 1/4 | 221.25 | 1/4 | 4.07   | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,202.20 | 1/2 | 954.47   | 1/2 | 709.82 | 1/2 | 464.55 | 1/2 | 216.07 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,197.04 | 3/4 | 949.30   | 3/4 | 704.81 | 3/4 | 459.38 | 3/4 | 210.89 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,191.88 | 8   | 944.14   | 8   | 699.81 | 8   | 454.20 | 8   | 205.72 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,186.72 | 1/4 | 938.98   | 1/4 | 694.80 | 1/4 | 449.02 | 1/4 | 200.54 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,181.55 | 1/2 | 933.82   | 1/2 | 689.80 | 1/2 | 443.84 | 1/2 | 195.36 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,176.39 | 3/4 | 928.66   | 3/4 | 684.79 | 3/4 | 438.67 | 3/4 | 190.18 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,171.23 | 9   | 923.50   | 9   | 679.79 | 9   | 433.49 | 9   | 185.01 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,166.07 | 1/4 | 918.34   | 1/4 | 674.78 | 1/4 | 428.31 | 1/4 | 179.83 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,160.91 | 1/2 | 913.18   | 1/2 | 669.77 | 1/2 | 423.14 | 1/2 | 174.65 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,155.75 | 3/4 | 908.02   | 3/4 | 664.77 | 3/4 | 417.96 | 3/4 | 169.48 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,150.59 | 10  | 902.85   | 10  | 659.76 | 10  | 412.78 | 10  | 164.30 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,145.43 | 1/4 | 897.69   | 1/4 | 654.76 | 1/4 | 407.61 | 1/4 | 159.12 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,140.27 | 1/2 | 892.53   | 1/2 | 649.74 | 1/2 | 402.43 | 1/2 | 153.95 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,135.10 | 3/4 | 887.37   | 3/4 | 644.73 | 3/4 | 397.25 | 3/4 | 148.77 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,129.94 | 11  | 882.21   | 11  | 639.71 | 11  | 392.08 | 11  | 143.59 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,124.78 | 1/4 | 877.05   | 1/4 | 634.69 | 1/4 | 386.90 | 1/4 | 138.41 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,119.62 | 1/2 | 871.89   | 1/2 | 629.67 | 1/2 | 381.72 | 1/2 | 133.24 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,114.46 | 3/4 | 866.73   | 3/4 | 624.65 | 3/4 | 376.55 | 3/4 | 128.06 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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





# BARGE "FMT 1414"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-08"

| 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   | 1,519.82 | 0   | 1,244.40 | 0   | 968.99 | 0   | 699.77 | 0   | 425.03 | 0   | 149.63 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,514.08 | 1/4 | 1,238.66 | 1/4 | 963.25 | 1/4 | 694.20 | 1/4 | 419.30 | 1/4 | 143.89 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,508.34 | 1/2 | 1,232.93 | 1/2 | 957.51 | 1/2 | 688.63 | 1/2 | 413.56 | 1/2 | 138.15 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,502.60 | 3/4 | 1,227.19 | 3/4 | 951.77 | 3/4 | 683.06 | 3/4 | 407.82 | 3/4 | 132.42 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,496.86 | 1   | 1,221.45 | 1   | 946.04 | 1   | 677.49 | 1   | 402.08 | 1   | 126.68 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,491.13 | 1/4 | 1,215.71 | 1/4 | 940.30 | 1/4 | 671.75 | 1/4 | 396.34 | 1/4 | 120.94 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,485.39 | 1/2 | 1,209.97 | 1/2 | 934.56 | 1/2 | 666.01 | 1/2 | 390.61 | 1/2 | 115.20 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,479.65 | 3/4 | 1,204.24 | 3/4 | 928.82 | 3/4 | 660.27 | 3/4 | 384.87 | 3/4 | 109.46 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,473.91 | 2   | 1,198.50 | 2   | 923.08 | 2   | 654.54 | 2   | 379.13 | 2   | 103.73 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,468.17 | 1/4 | 1,192.76 | 1/4 | 917.35 | 1/4 | 648.80 | 1/4 | 373.39 | 1/4 | 97.99  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,462.44 | 1/2 | 1,187.02 | 1/2 | 911.61 | 1/2 | 643.06 | 1/2 | 367.66 | 1/2 | 92.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,456.70 | 3/4 | 1,181.28 | 3/4 | 905.87 | 3/4 | 637.32 | 3/4 | 361.92 | 3/4 | 86.52  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,450.96 | 3   | 1,175.55 | 3   | 900.13 | 3   | 631.59 | 3   | 356.18 | 3   | 80.78  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,445.22 | 1/4 | 1,169.81 | 1/4 | 894.56 | 1/4 | 625.85 | 1/4 | 350.44 | 1/4 | 75.06  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,439.49 | 1/2 | 1,164.07 | 1/2 | 888.99 | 1/2 | 620.11 | 1/2 | 344.71 | 1/2 | 69.34  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,433.75 | 3/4 | 1,158.33 | 3/4 | 883.42 | 3/4 | 614.37 | 3/4 | 338.97 | 3/4 | 63.61  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,428.01 | 4   | 1,152.60 | 4   | 877.85 | 4   | 608.64 | 4   | 333.23 | 4   | 57.89  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,422.27 | 1/4 | 1,146.86 | 1/4 | 872.29 | 1/4 | 602.90 | 1/4 | 327.49 | 1/4 | 52.20  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,416.53 | 1/2 | 1,141.12 | 1/2 | 866.72 | 1/2 | 597.16 | 1/2 | 321.76 | 1/2 | 46.52  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,410.80 | 3/4 | 1,135.38 | 3/4 | 861.16 | 3/4 | 591.42 | 3/4 | 316.02 | 3/4 | 40.83  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,405.06 | 5   | 1,129.64 | 5   | 855.59 | 5   | 585.69 | 5   | 310.28 | 5   | 35.14  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,399.32 | 1/4 | 1,123.91 | 1/4 | 850.03 | 1/4 | 579.95 | 1/4 | 304.54 | 1/4 | 30.36  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,393.58 | 1/2 | 1,118.17 | 1/2 | 844.46 | 1/2 | 574.21 | 1/2 | 298.81 | 1/2 | 25.58  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,387.85 | 3/4 | 1,112.43 | 3/4 | 838.90 | 3/4 | 568.47 | 3/4 | 293.07 | 3/4 | 20.80  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,382.11 | 6   | 1,106.69 | 6   | 833.33 | 6   | 562.74 | 6   | 287.33 | 6   | 16.02  | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,376.37 | 1/4 | 1,100.96 | 1/4 | 827.77 | 1/4 | 557.00 | 1/4 | 281.59 | 1/4 | 13.16  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,370.63 | 1/2 | 1,095.22 | 1/2 | 822.20 | 1/2 | 551.26 | 1/2 | 275.86 | 1/2 | 10.29  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,364.89 | 3/4 | 1,089.48 | 3/4 | 816.64 | 3/4 | 545.52 | 3/4 | 270.12 | 3/4 | 7.42   | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,359.16 | 7   | 1,083.74 | 7   | 811.07 | 7   | 539.78 | 7   | 264.38 | 7   | 4.55   | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,353.42 | 1/4 | 1,078.00 | 1/4 | 805.51 | 1/4 | 534.05 | 1/4 | 258.64 | 1/4 | 3.60   | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,347.68 | 1/2 | 1,072.27 | 1/2 | 799.94 | 1/2 | 528.31 | 1/2 | 252.90 | 1/2 | 2.64   | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,341.94 | 3/4 | 1,066.53 | 3/4 | 794.38 | 3/4 | 522.57 | 3/4 | 247.17 | 3/4 | 1.69   | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,336.21 | 8   | 1,060.79 | 8   | 788.81 | 8   | 516.83 | 8   | 241.43 | 8   | 0.73   | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,330.47 | 1/4 | 1,055.05 | 1/4 | 783.25 | 1/4 | 511.10 | 1/4 | 235.69 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,324.73 | 1/2 | 1,049.32 | 1/2 | 777.68 | 1/2 | 505.36 | 1/2 | 229.95 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,318.99 | 3/4 | 1,043.58 | 3/4 | 772.12 | 3/4 | 499.62 | 3/4 | 224.22 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,313.25 | 9   | 1,037.84 | 9   | 766.55 | 9   | 493.88 | 9   | 218.48 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,307.52 | 1/4 | 1,032.10 | 1/4 | 760.99 | 1/4 | 488.15 | 1/4 | 212.74 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,301.78 | 1/2 | 1,026.36 | 1/2 | 755.42 | 1/2 | 482.41 | 1/2 | 207.00 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,296.04 | 3/4 | 1,020.63 | 3/4 | 749.86 | 3/4 | 476.67 | 3/4 | 201.27 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,290.30 | 10  | 1,014.89 | 10  | 744.29 | 10  | 470.93 | 10  | 195.53 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,284.57 | 1/4 | 1,009.15 | 1/4 | 738.73 | 1/4 | 465.20 | 1/4 | 189.79 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,278.83 | 1/2 | 1,003.41 | 1/2 | 733.16 | 1/2 | 459.46 | 1/2 | 184.05 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,273.09 | 3/4 | 997.68   | 3/4 | 727.60 | 3/4 | 453.72 | 3/4 | 178.32 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,267.35 | 11  | 991.94   | 11  | 722.03 | 11  | 447.98 | 11  | 172.58 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,261.61 | 1/4 | 986.20   | 1/4 | 716.47 | 1/4 | 442.25 | 1/4 | 166.84 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,255.88 | 1/2 | 980.46   | 1/2 | 710.90 | 1/2 | 436.51 | 1/2 | 161.10 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,250.14 | 3/4 | 974.72   | 3/4 | 705.34 | 3/4 | 430.77 | 3/4 | 155.37 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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





# BARGE "FMT 1414"

## 3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15'-07 1/4"

| IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT. | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. | IN  | 17 FT. | IN  | 18 FT. | IN  | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,348.94 | 0   | 1,102.74 | 0   | 856.54 | 0   | 610.82 | 0   | 364.64 | 0   | 118.45 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,343.81 | 1/4 | 1,097.61 | 1/4 | 851.41 | 1/4 | 605.70 | 1/4 | 359.51 | 1/4 | 113.32 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,338.68 | 1/2 | 1,092.48 | 1/2 | 846.28 | 1/2 | 600.57 | 1/2 | 354.38 | 1/2 | 108.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,333.55 | 3/4 | 1,087.35 | 3/4 | 841.15 | 3/4 | 595.44 | 3/4 | 349.25 | 3/4 | 103.06 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,328.42 | 1   | 1,082.22 | 1   | 836.02 | 1   | 590.31 | 1   | 344.12 | 1   | 97.93  | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,323.29 | 1/4 | 1,077.09 | 1/4 | 830.89 | 1/4 | 585.18 | 1/4 | 338.99 | 1/4 | 92.80  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,318.17 | 1/2 | 1,071.96 | 1/2 | 825.76 | 1/2 | 580.06 | 1/2 | 333.86 | 1/2 | 87.67  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,313.04 | 3/4 | 1,066.83 | 3/4 | 820.63 | 3/4 | 574.93 | 3/4 | 328.73 | 3/4 | 82.55  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,307.91 | 2   | 1,061.71 | 2   | 815.50 | 2   | 569.80 | 2   | 323.61 | 2   | 77.42  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,302.78 | 1/4 | 1,056.58 | 1/4 | 810.37 | 1/4 | 564.67 | 1/4 | 318.48 | 1/4 | 72.29  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,297.65 | 1/2 | 1,051.45 | 1/2 | 805.25 | 1/2 | 559.54 | 1/2 | 313.35 | 1/2 | 67.17  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,292.52 | 3/4 | 1,046.32 | 3/4 | 800.13 | 3/4 | 554.41 | 3/4 | 308.22 | 3/4 | 62.06  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,287.39 | 3   | 1,041.19 | 3   | 795.01 | 3   | 549.28 | 3   | 303.09 | 3   | 56.94  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,282.26 | 1/4 | 1,036.06 | 1/4 | 789.89 | 1/4 | 544.15 | 1/4 | 297.96 | 1/4 | 51.83  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,277.13 | 1/2 | 1,030.93 | 1/2 | 784.78 | 1/2 | 539.02 | 1/2 | 292.83 | 1/2 | 46.74  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,272.00 | 3/4 | 1,025.80 | 3/4 | 779.66 | 3/4 | 533.89 | 3/4 | 287.70 | 3/4 | 41.66  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,266.87 | 4   | 1,020.67 | 4   | 774.55 | 4   | 528.77 | 4   | 282.57 | 4   | 36.57  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,261.74 | 1/4 | 1,015.54 | 1/4 | 769.43 | 1/4 | 523.64 | 1/4 | 277.44 | 1/4 | 31.49  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,256.62 | 1/2 | 1,010.41 | 1/2 | 764.31 | 1/2 | 518.51 | 1/2 | 272.32 | 1/2 | 27.22  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,251.49 | 3/4 | 1,005.28 | 3/4 | 759.20 | 3/4 | 513.38 | 3/4 | 267.19 | 3/4 | 22.94  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,246.36 | 5   | 1,000.16 | 5   | 754.08 | 5   | 508.25 | 5   | 262.06 | 5   | 18.67  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,241.23 | 1/4 | 995.03   | 1/4 | 748.97 | 1/4 | 503.12 | 1/4 | 256.93 | 1/4 | 14.40  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,236.10 | 1/2 | 989.90   | 1/2 | 743.85 | 1/2 | 497.99 | 1/2 | 251.80 | 1/2 | 11.84  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,230.97 | 3/4 | 984.77   | 3/4 | 738.73 | 3/4 | 492.86 | 3/4 | 246.67 | 3/4 | 9.27   | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,225.84 | 6   | 979.64   | 6   | 733.62 | 6   | 487.73 | 6   | 241.54 | 6   | 6.71   | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,220.71 | 1/4 | 974.51   | 1/4 | 728.50 | 1/4 | 482.60 | 1/4 | 236.41 | 1/4 | 4.15   | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,215.58 | 1/2 | 969.38   | 1/2 | 723.39 | 1/2 | 477.48 | 1/2 | 231.28 | 1/2 | 3.29   | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,210.45 | 3/4 | 964.25   | 3/4 | 718.27 | 3/4 | 472.35 | 3/4 | 226.15 | 3/4 | 2.44   | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,205.32 | 7   | 959.12   | 7   | 713.15 | 7   | 467.22 | 7   | 221.03 | 7   | 1.59   | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,200.19 | 1/4 | 953.99   | 1/4 | 708.04 | 1/4 | 462.09 | 1/4 | 215.90 | 1/4 | 0.73   | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,195.06 | 1/2 | 948.86   | 1/2 | 702.92 | 1/2 | 456.96 | 1/2 | 210.77 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,189.94 | 3/4 | 943.73   | 3/4 | 697.81 | 3/4 | 451.83 | 3/4 | 205.64 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,184.81 | 8   | 938.60   | 8   | 692.69 | 8   | 446.70 | 8   | 200.51 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,179.68 | 1/4 | 933.48   | 1/4 | 687.57 | 1/4 | 441.57 | 1/4 | 195.38 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,174.55 | 1/2 | 928.35   | 1/2 | 682.46 | 1/2 | 436.44 | 1/2 | 190.25 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,169.42 | 3/4 | 923.22   | 3/4 | 677.34 | 3/4 | 431.31 | 3/4 | 185.12 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,164.29 | 9   | 918.09   | 9   | 672.23 | 9   | 426.19 | 9   | 179.99 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,159.16 | 1/4 | 912.96   | 1/4 | 667.11 | 1/4 | 421.06 | 1/4 | 174.86 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,154.03 | 1/2 | 907.83   | 1/2 | 661.99 | 1/2 | 415.93 | 1/2 | 169.74 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,148.90 | 3/4 | 902.70   | 3/4 | 656.88 | 3/4 | 410.80 | 3/4 | 164.61 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,143.77 | 10  | 897.57   | 10  | 651.76 | 10  | 405.67 | 10  | 159.48 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,138.64 | 1/4 | 892.44   | 1/4 | 646.65 | 1/4 | 400.54 | 1/4 | 154.35 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,133.51 | 1/2 | 887.31   | 1/2 | 641.53 | 1/2 | 395.41 | 1/2 | 149.22 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,128.39 | 3/4 | 882.18   | 3/4 | 636.41 | 3/4 | 390.28 | 3/4 | 144.09 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,123.26 | 11  | 877.05   | 11  | 631.30 | 11  | 385.15 | 11  | 138.96 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,118.13 | 1/4 | 871.93   | 1/4 | 626.18 | 1/4 | 380.02 | 1/4 | 133.83 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,113.00 | 1/2 | 866.80   | 1/2 | 621.06 | 1/2 | 374.90 | 1/2 | 128.70 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,107.87 | 3/4 | 861.67   | 3/4 | 615.94 | 3/4 | 369.77 | 3/4 | 123.57 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/26/2019 CL  
CALCULATED: 11/26/2019 CL  
PRINTED: 11/26/2019 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 11/2019

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