



BARGE "DBL 212"

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 | 00-0/8 | - 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 | 00-3/8 | - 00-3/8 |
| 2 CENTER | 00-3/8 | - 00-3/8 | 00-3/4 | - 00-3/4 | 01-1/8 | - 01-1/8 | 01-1/2 | - 01-1/2 | 01-3/4 | - 01-3/4 | 02-1/8 | - 02-1/8 |
| 3 CENTER | 00-1/8 | - 00-1/8 | 00-1/8 | - 00-1/8 | 00-1/4 | - 00-1/4 | 00-1/4 | - 00-1/4 | 00-3/8 | - 00-3/8 | 00-3/8 | - 00-3/8 |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 159'-06"

April 20, 2021

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

<http://www.pmacorp.net>



BARGE "DBL 212"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|----------|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | | 0 | | 0 | 3,322.32 | 0 | 3,097.67 | 0 | 2,873.03 | 0 | 2,640.69 | 0 | 2,383.25 | 0 | 2,125.65 | 0 | 1,868.16 | 0 | 1,610.86 |
| 1/4 | 1/4 | 3,486.11 | 1/4 | 3,317.64 | 1/4 | 3,092.99 | 1/4 | 2,868.35 | 1/4 | 2,635.31 | 1/4 | 2,377.89 | 1/4 | 2,120.29 | 1/4 | 1,862.81 | 1/4 | 1,605.50 | |
| 1/2 | 1/2 | 3,485.67 | 1/2 | 3,312.96 | 1/2 | 3,088.31 | 1/2 | 2,863.67 | 1/2 | 2,629.94 | 1/2 | 2,372.52 | 1/2 | 2,114.92 | 1/2 | 1,857.45 | 1/2 | 1,600.13 | |
| 3/4 | 3/4 | 3,485.22 | 3/4 | 3,308.28 | 3/4 | 3,083.63 | 3/4 | 2,858.99 | 3/4 | 2,624.58 | 3/4 | 2,367.15 | 3/4 | 2,109.55 | 3/4 | 1,852.09 | 3/4 | 1,594.77 | |
| 1 | 1 | 3,484.77 | 1 | 3,303.60 | 1 | 3,078.95 | 1 | 2,854.31 | 1 | 2,619.21 | 1 | 2,361.79 | 1 | 2,104.19 | 1 | 1,846.74 | 1 | 1,589.41 | |
| 1/4 | 1/4 | 3,484.32 | 1/4 | 3,298.92 | 1/4 | 3,074.27 | 1/4 | 2,849.63 | 1/4 | 2,613.84 | 1/4 | 2,356.42 | 1/4 | 2,098.82 | 1/4 | 1,841.38 | 1/4 | 1,584.04 | |
| 1/2 | 1/2 | 3,482.98 | 1/2 | 3,294.24 | 1/2 | 3,069.59 | 1/2 | 2,844.95 | 1/2 | 2,608.48 | 1/2 | 2,351.05 | 1/2 | 2,093.45 | 1/2 | 1,836.03 | 1/2 | 1,578.68 | |
| 3/4 | 3/4 | 3,481.63 | 3/4 | 3,289.56 | 3/4 | 3,064.91 | 3/4 | 2,840.27 | 3/4 | 2,603.11 | 3/4 | 2,345.69 | 3/4 | 2,088.09 | 3/4 | 1,830.67 | 3/4 | 1,573.32 | |
| 2 | 2 | 3,480.29 | 2 | 3,284.88 | 2 | 3,060.23 | 2 | 2,835.59 | 2 | 2,597.75 | 2 | 2,340.32 | 2 | 2,082.72 | 2 | 1,825.31 | 2 | 1,567.95 | |
| 1/4 | 1/4 | 3,478.94 | 1/4 | 3,280.20 | 1/4 | 3,055.55 | 1/4 | 2,830.91 | 1/4 | 2,592.38 | 1/4 | 2,334.95 | 1/4 | 2,077.35 | 1/4 | 1,819.96 | 1/4 | 1,562.59 | |
| 1/2 | 1/2 | 3,476.70 | 1/2 | 3,275.52 | 1/2 | 3,050.87 | 1/2 | 2,826.23 | 1/2 | 2,587.02 | 1/2 | 2,329.59 | 1/2 | 2,071.99 | 1/2 | 1,814.60 | 1/2 | 1,557.22 | |
| 3/4 | 3/4 | 3,474.46 | 3/4 | 3,270.84 | 3/4 | 3,046.19 | 3/4 | 2,821.55 | 3/4 | 2,581.65 | 3/4 | 2,324.22 | 3/4 | 2,066.62 | 3/4 | 1,809.24 | 3/4 | 1,551.86 | |
| 3 | 3 | 3,472.22 | 3 | 3,266.16 | 3 | 3,041.51 | 3 | 2,816.87 | 3 | 2,576.28 | 3 | 2,318.85 | 3 | 2,061.25 | 3 | 1,803.89 | 3 | 1,546.50 | |
| 1/4 | 1/4 | 3,469.97 | 1/4 | 3,261.48 | 1/4 | 3,036.83 | 1/4 | 2,812.19 | 1/4 | 2,570.92 | 1/4 | 2,313.49 | 1/4 | 2,055.89 | 1/4 | 1,798.53 | 1/4 | 1,541.13 | |
| 1/2 | 1/2 | 3,467.54 | 1/2 | 3,256.80 | 1/2 | 3,032.15 | 1/2 | 2,807.51 | 1/2 | 2,565.55 | 1/2 | 2,308.12 | 1/2 | 2,050.52 | 1/2 | 1,793.17 | 1/2 | 1,535.77 | |
| 3/4 | 3/4 | 3,465.10 | 3/4 | 3,252.12 | 3/4 | 3,027.47 | 3/4 | 2,802.83 | 3/4 | 2,560.19 | 3/4 | 2,302.75 | 3/4 | 2,045.15 | 3/4 | 1,787.82 | 3/4 | 1,530.41 | |
| 4 | 4 | 3,462.66 | 4 | 3,247.44 | 4 | 3,022.79 | 4 | 2,798.15 | 4 | 2,554.82 | 4 | 2,297.39 | 4 | 2,039.79 | 4 | 1,782.46 | 4 | 1,525.04 | |
| 1/4 | 1/4 | 3,460.22 | 1/4 | 3,242.76 | 1/4 | 3,018.11 | 1/4 | 2,793.47 | 1/4 | 2,549.46 | 1/4 | 2,292.02 | 1/4 | 2,034.42 | 1/4 | 1,777.10 | 1/4 | 1,519.68 | |
| 1/2 | 1/2 | 3,456.89 | 1/2 | 3,238.08 | 1/2 | 3,013.43 | 1/2 | 2,788.79 | 1/2 | 2,544.09 | 1/2 | 2,286.65 | 1/2 | 2,029.05 | 1/2 | 1,771.75 | 1/2 | 1,514.32 | |
| 3/4 | 3/4 | 3,453.55 | 3/4 | 3,233.40 | 3/4 | 3,008.75 | 3/4 | 2,784.11 | 3/4 | 2,538.72 | 3/4 | 2,281.29 | 3/4 | 2,023.69 | 3/4 | 1,766.39 | 3/4 | 1,508.95 | |
| 5 | 5 | 3,450.22 | 5 | 3,228.72 | 5 | 3,004.07 | 5 | 2,779.43 | 5 | 2,533.36 | 5 | 2,275.92 | 5 | 2,018.32 | 5 | 1,761.03 | 5 | 1,503.59 | |
| 1/4 | 1/4 | 3,446.88 | 1/4 | 3,224.04 | 1/4 | 2,999.39 | 1/4 | 2,774.75 | 1/4 | 2,527.99 | 1/4 | 2,270.55 | 1/4 | 2,012.95 | 1/4 | 1,755.68 | 1/4 | 1,498.22 | |
| 1/2 | 1/2 | 3,442.65 | 1/2 | 3,219.36 | 1/2 | 2,994.71 | 1/2 | 2,770.07 | 1/2 | 2,522.63 | 1/2 | 2,265.19 | 1/2 | 2,007.59 | 1/2 | 1,750.31 | 1/2 | 1,492.86 | |
| 3/4 | 3/4 | 3,438.42 | 3/4 | 3,214.68 | 3/4 | 2,990.03 | 3/4 | 2,765.39 | 3/4 | 2,517.26 | 3/4 | 2,259.82 | 3/4 | 2,002.22 | 3/4 | 1,744.95 | 3/4 | 1,487.50 | |
| 6 | 6 | 3,434.19 | 6 | 3,210.00 | 6 | 2,985.35 | 6 | 2,760.71 | 6 | 2,511.90 | 6 | 2,254.45 | 6 | 1,996.85 | 6 | 1,739.59 | 6 | 1,482.13 | |
| 1/4 | 1/4 | 3,429.96 | 1/4 | 3,205.32 | 1/4 | 2,980.67 | 1/4 | 2,756.03 | 1/4 | 2,506.53 | 1/4 | 2,249.09 | 1/4 | 1,991.49 | 1/4 | 1,734.22 | 1/4 | 1,476.77 | |
| 1/2 | 1/2 | 3,425.28 | 1/2 | 3,200.64 | 1/2 | 2,975.99 | 1/2 | 2,751.35 | 1/2 | 2,501.17 | 1/2 | 2,243.72 | 1/2 | 1,986.12 | 1/2 | 1,728.86 | 1/2 | 1,471.41 | |
| 3/4 | 3/4 | 3,420.60 | 3/4 | 3,195.96 | 3/4 | 2,971.31 | 3/4 | 2,746.67 | 3/4 | 2,495.81 | 3/4 | 2,238.35 | 3/4 | 1,980.75 | 3/4 | 1,723.50 | 3/4 | 1,466.04 | |
| 7 | 7 | 3,415.92 | 7 | 3,191.28 | 7 | 2,966.63 | 7 | 2,741.99 | 7 | 2,490.45 | 7 | 2,232.99 | 7 | 1,975.39 | 7 | 1,718.13 | 7 | 1,460.68 | |
| 1/4 | 1/4 | 3,411.24 | 1/4 | 3,186.60 | 1/4 | 2,961.95 | 1/4 | 2,737.31 | 1/4 | 2,485.09 | 1/4 | 2,227.62 | 1/4 | 1,970.02 | 1/4 | 1,712.77 | 1/4 | 1,455.32 | |
| 1/2 | 1/2 | 3,406.56 | 1/2 | 3,181.92 | 1/2 | 2,957.27 | 1/2 | 2,732.63 | 1/2 | 2,479.73 | 1/2 | 2,222.25 | 1/2 | 1,964.65 | 1/2 | 1,707.41 | 1/2 | 1,449.95 | |
| 3/4 | 3/4 | 3,401.88 | 3/4 | 3,177.24 | 3/4 | 2,952.59 | 3/4 | 2,727.95 | 3/4 | 2,474.37 | 3/4 | 2,216.89 | 3/4 | 1,959.29 | 3/4 | 1,702.04 | 3/4 | 1,444.59 | |
| 8 | 8 | 3,397.20 | 8 | 3,172.56 | 8 | 2,947.91 | 8 | 2,723.27 | 8 | 2,469.01 | 8 | 2,211.52 | 8 | 1,953.92 | 8 | 1,696.68 | 8 | 1,439.23 | |
| 1/4 | 1/4 | 3,392.52 | 1/4 | 3,167.88 | 1/4 | 2,943.23 | 1/4 | 2,718.59 | 1/4 | 2,463.65 | 1/4 | 2,206.15 | 1/4 | 1,948.55 | 1/4 | 1,691.31 | 1/4 | 1,433.86 | |
| 1/2 | 1/2 | 3,387.84 | 1/2 | 3,163.20 | 1/2 | 2,938.55 | 1/2 | 2,713.91 | 1/2 | 2,458.29 | 1/2 | 2,200.79 | 1/2 | 1,943.19 | 1/2 | 1,685.95 | 1/2 | 1,428.50 | |
| 3/4 | 3/4 | 3,383.16 | 3/4 | 3,158.52 | 3/4 | 2,933.87 | 3/4 | 2,709.23 | 3/4 | 2,452.93 | 3/4 | 2,195.42 | 3/4 | 1,937.82 | 3/4 | 1,680.59 | 3/4 | 1,423.13 | |
| 9 | 9 | 3,378.48 | 9 | 3,153.84 | 9 | 2,929.19 | 9 | 2,704.55 | 9 | 2,447.57 | 9 | 2,190.05 | 9 | 1,932.45 | 9 | 1,675.22 | 9 | 1,417.77 | |
| 1/4 | 1/4 | 3,373.80 | 1/4 | 3,149.16 | 1/4 | 2,924.51 | 1/4 | 2,699.87 | 1/4 | 2,442.21 | 1/4 | 2,184.69 | 1/4 | 1,927.09 | 1/4 | 1,669.86 | 1/4 | 1,412.41 | |
| 1/2 | 1/2 | 3,369.12 | 1/2 | 3,144.48 | 1/2 | 2,919.83 | 1/2 | 2,694.49 | 1/2 | 2,436.85 | 1/2 | 2,179.32 | 1/2 | 1,921.73 | 1/2 | 1,664.50 | 1/2 | 1,407.04 | |
| 3/4 | 3/4 | 3,364.44 | 3/4 | 3,139.80 | 3/4 | 2,915.15 | 3/4 | 2,689.11 | 3/4 | 2,431.49 | 3/4 | 2,173.95 | 3/4 | 1,916.37 | 3/4 | 1,659.13 | 3/4 | 1,401.68 | |
| 10 | 10 | 3,359.76 | 10 | 3,135.12 | 10 | 2,910.47 | 10 | 2,683.73 | 10 | 2,426.13 | 10 | 2,168.59 | 10 | 1,911.02 | 10 | 1,653.77 | 10 | 1,396.32 | |
| 1/4 | 1/4 | 3,355.08 | 1/4 | 3,130.44 | 1/4 | 2,905.79 | 1/4 | 2,678.35 | 1/4 | 2,420.77 | 1/4 | 2,163.22 | 1/4 | 1,905.66 | 1/4 | 1,648.41 | 1/4 | 1,390.95 | |
| 1/2 | 1/2 | 3,350.40 | 1/2 | 3,125.76 | 1/2 | 2,901.11 | 1/2 | 2,672.97 | 1/2 | 2,415.41 | 1/2 | 2,157.85 | 1/2 | 1,900.30 | 1/2 | 1,643.04 | 1/2 | 1,385.59 | |
| 3/4 | 3/4 | 3,345.72 | 3/4 | 3,121.08 | 3/4 | 2,896.43 | 3/4 | 2,667.59 | 3/4 | 2,410.05 | 3/4 | 2,152.49 | 3/4 | 1,894.95 | 3/4 | 1,637.68 | 3/4 | 1,380.23 | |
| 11 | 11 | 3,341.04 | 11 | 3,116.40 | 11 | 2,891.75 | 11 | 2,662.21 | 11 | 2,404.69 | 11 | 2,147.12 | 11 | 1,889.59 | 11 | 1,632.31 | 11 | 1,374.86 | |
| 1/4 | 1/4 | 3,336.36 | 1/4 | 3,111.72 | 1/4 | 2,887.07 | 1/4 | 2,656.83 | 1/4 | 2,399.33 | 1/4 | 2,141.75 | 1/4 | 1,884.23 | 1/4 | 1,626.95 | 1/4 | 1,369.50 | |
| 1/2 | 1/2 | 3,331.68 | 1/2 | 3,107.04 | 1/2 | 2,882.39 | 1/2 | 2,651.45 | 1/2 | 2,393.97 | 1/2 | 2,136.39 | 1/2 | 1,878.88 | 1/2 | 1,621.59 | 1/2 | 1,364.13 | |
| 3/4 | 3/4 | 3,327.00 | 3/4 | 3,102.35 | 3/4 | 2,877.71 | 3/4 | 2,646.07 | 3/4 | 2,388.61 | 3/4 | 2,131.02 | 3/4 | 1,873.52 | 3/4 | 1,616.22 | 3/4 | 1,358.77 | |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "DBL 212"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,353.41 | 0 | 1,095.95 | 0 | 838.50 | 0 | 585.88 | 0 | 328.22 | 0 | 70.57 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,348.04 | 1/4 | 1,090.59 | 1/4 | 833.14 | 1/4 | 580.51 | 1/4 | 322.85 | 1/4 | 65.23 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,342.68 | 1/2 | 1,085.23 | 1/2 | 827.77 | 1/2 | 575.14 | 1/2 | 317.49 | 1/2 | 60.30 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,337.32 | 3/4 | 1,079.86 | 3/4 | 822.41 | 3/4 | 569.78 | 3/4 | 312.12 | 3/4 | 55.37 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,331.95 | 1 | 1,074.50 | 1 | 817.05 | 1 | 564.41 | 1 | 306.75 | 1 | 50.44 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,326.59 | 1/4 | 1,069.14 | 1/4 | 811.68 | 1/4 | 559.04 | 1/4 | 301.38 | 1/4 | 45.52 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,321.23 | 1/2 | 1,063.77 | 1/2 | 806.47 | 1/2 | 553.67 | 1/2 | 296.01 | 1/2 | 41.48 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,315.86 | 3/4 | 1,058.41 | 3/4 | 801.26 | 3/4 | 548.30 | 3/4 | 290.65 | 3/4 | 37.45 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,310.50 | 2 | 1,053.05 | 2 | 796.05 | 2 | 542.94 | 2 | 285.28 | 2 | 33.41 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,305.14 | 1/4 | 1,047.68 | 1/4 | 790.83 | 1/4 | 537.57 | 1/4 | 279.91 | 1/4 | 29.38 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,299.77 | 1/2 | 1,042.32 | 1/2 | 785.62 | 1/2 | 532.20 | 1/2 | 274.54 | 1/2 | 26.24 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,294.41 | 3/4 | 1,036.96 | 3/4 | 780.41 | 3/4 | 526.83 | 3/4 | 269.17 | 3/4 | 23.10 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,289.04 | 3 | 1,031.59 | 3 | 775.19 | 3 | 521.47 | 3 | 263.81 | 3 | 19.96 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,283.68 | 1/4 | 1,026.23 | 1/4 | 769.98 | 1/4 | 516.10 | 1/4 | 258.44 | 1/4 | 16.83 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,278.32 | 1/2 | 1,020.86 | 1/2 | 764.77 | 1/2 | 510.73 | 1/2 | 253.07 | 1/2 | 14.58 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,272.95 | 3/4 | 1,015.50 | 3/4 | 759.56 | 3/4 | 505.36 | 3/4 | 247.70 | 3/4 | 12.34 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,267.59 | 4 | 1,010.14 | 4 | 754.35 | 4 | 499.99 | 4 | 242.33 | 4 | 10.10 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,262.23 | 1/4 | 1,004.77 | 1/4 | 749.14 | 1/4 | 494.63 | 1/4 | 236.97 | 1/4 | 7.86 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,256.86 | 1/2 | 999.41 | 1/2 | 743.93 | 1/2 | 489.26 | 1/2 | 231.60 | 1/2 | 6.52 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,251.50 | 3/4 | 994.05 | 3/4 | 738.72 | 3/4 | 483.89 | 3/4 | 226.23 | 3/4 | 5.17 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,246.14 | 5 | 988.68 | 5 | 733.51 | 5 | 478.52 | 5 | 220.86 | 5 | 3.83 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,240.77 | 1/4 | 983.32 | 1/4 | 728.30 | 1/4 | 473.15 | 1/4 | 215.50 | 1/4 | 2.48 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,235.41 | 1/2 | 977.96 | 1/2 | 723.09 | 1/2 | 467.79 | 1/2 | 210.13 | 1/2 | 2.03 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,230.04 | 3/4 | 972.59 | 3/4 | 717.88 | 3/4 | 462.42 | 3/4 | 204.76 | 3/4 | 1.58 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,224.68 | 6 | 967.23 | 6 | 712.66 | 6 | 457.05 | 6 | 199.39 | 6 | 1.14 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,219.32 | 1/4 | 961.86 | 1/4 | 707.45 | 1/4 | 451.68 | 1/4 | 194.02 | 1/4 | 0.69 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,213.95 | 1/2 | 956.50 | 1/2 | 702.24 | 1/2 | 446.31 | 1/2 | 188.66 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,208.59 | 3/4 | 951.14 | 3/4 | 697.03 | 3/4 | 440.95 | 3/4 | 183.29 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,203.23 | 7 | 945.77 | 7 | 691.82 | 7 | 435.58 | 7 | 177.92 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,197.86 | 1/4 | 940.41 | 1/4 | 686.61 | 1/4 | 430.21 | 1/4 | 172.55 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,192.50 | 1/2 | 935.05 | 1/2 | 681.40 | 1/2 | 424.84 | 1/2 | 167.18 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,187.14 | 3/4 | 929.68 | 3/4 | 676.19 | 3/4 | 419.48 | 3/4 | 161.82 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,181.77 | 8 | 924.32 | 8 | 670.98 | 8 | 414.11 | 8 | 156.45 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,176.41 | 1/4 | 918.96 | 1/4 | 665.77 | 1/4 | 408.74 | 1/4 | 151.08 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,171.05 | 1/2 | 913.59 | 1/2 | 660.56 | 1/2 | 403.37 | 1/2 | 145.70 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,165.68 | 3/4 | 908.23 | 3/4 | 655.35 | 3/4 | 398.00 | 3/4 | 140.32 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,160.32 | 9 | 902.87 | 9 | 650.14 | 9 | 392.64 | 9 | 134.94 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,154.95 | 1/4 | 897.50 | 1/4 | 644.93 | 1/4 | 387.27 | 1/4 | 129.56 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,149.59 | 1/2 | 892.14 | 1/2 | 639.56 | 1/2 | 381.90 | 1/2 | 124.18 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,144.23 | 3/4 | 886.77 | 3/4 | 634.19 | 3/4 | 376.53 | 3/4 | 118.81 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,138.86 | 10 | 881.41 | 10 | 628.82 | 10 | 371.16 | 10 | 113.43 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,133.50 | 1/4 | 876.05 | 1/4 | 623.46 | 1/4 | 365.80 | 1/4 | 108.05 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,128.14 | 1/2 | 870.68 | 1/2 | 618.09 | 1/2 | 360.43 | 1/2 | 102.68 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,122.77 | 3/4 | 865.32 | 3/4 | 612.72 | 3/4 | 355.06 | 3/4 | 97.31 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,117.41 | 11 | 859.96 | 11 | 607.35 | 11 | 349.69 | 11 | 91.95 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,112.05 | 1/4 | 854.59 | 1/4 | 601.98 | 1/4 | 344.32 | 1/4 | 86.58 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,106.68 | 1/2 | 849.23 | 1/2 | 596.62 | 1/2 | 338.96 | 1/2 | 81.24 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,101.32 | 3/4 | 843.87 | 3/4 | 591.25 | 3/4 | 333.59 | 3/4 | 75.90 | 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 BY: 04/20/2021 JS
CALCULATED: 04/20/2021 CL
PRINTED: 04/20/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 212"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 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 | | 0 | 3,800.92 | 0 | 3,514.21 | 0 | 3,227.49 | 0 | 2,940.78 | 0 | 2,654.06 | 0 | 2,367.35 | 0 | 2,080.64 | 0 | 1,793.92 |
| 1/4 | | 1/4 | 4,009.93 | 1/4 | 3,794.95 | 1/4 | 3,508.23 | 1/4 | 3,221.52 | 1/4 | 2,934.81 | 1/4 | 2,648.09 | 1/4 | 2,361.38 | 1/4 | 2,074.66 | 1/4 | 1,787.95 |
| 1/2 | | 1/2 | 4,009.44 | 1/2 | 3,788.97 | 1/2 | 3,502.26 | 1/2 | 3,215.55 | 1/2 | 2,928.83 | 1/2 | 2,642.12 | 1/2 | 2,355.40 | 1/2 | 2,068.69 | 1/2 | 1,781.98 |
| 3/4 | | 3/4 | 4,008.94 | 3/4 | 3,783.00 | 3/4 | 3,496.29 | 3/4 | 3,209.57 | 3/4 | 2,922.86 | 3/4 | 2,636.15 | 3/4 | 2,349.43 | 3/4 | 2,062.72 | 3/4 | 1,776.00 |
| 1 | | 1 | 4,008.44 | 1 | 3,777.03 | 1 | 3,490.31 | 1 | 3,203.60 | 1 | 2,916.89 | 1 | 2,630.17 | 1 | 2,343.46 | 1 | 2,056.74 | 1 | 1,770.03 |
| 1/4 | | 1/4 | 4,007.94 | 1/4 | 3,771.05 | 1/4 | 3,484.34 | 1/4 | 3,197.63 | 1/4 | 2,910.91 | 1/4 | 2,624.20 | 1/4 | 2,337.49 | 1/4 | 2,050.77 | 1/4 | 1,764.06 |
| 1/2 | | 1/2 | 4,006.45 | 1/2 | 3,765.08 | 1/2 | 3,478.37 | 1/2 | 3,191.65 | 1/2 | 2,904.94 | 1/2 | 2,618.23 | 1/2 | 2,331.51 | 1/2 | 2,044.80 | 1/2 | 1,758.08 |
| 3/4 | | 3/4 | 4,004.96 | 3/4 | 3,759.11 | 3/4 | 3,472.39 | 3/4 | 3,185.68 | 3/4 | 2,898.97 | 3/4 | 2,612.25 | 3/4 | 2,325.54 | 3/4 | 2,038.83 | 3/4 | 1,752.11 |
| 2 | | 2 | 4,003.46 | 2 | 3,753.13 | 2 | 3,466.42 | 2 | 3,179.71 | 2 | 2,892.99 | 2 | 2,606.28 | 2 | 2,319.57 | 2 | 2,032.85 | 2 | 1,746.14 |
| 1/4 | | 1/4 | 4,001.97 | 1/4 | 3,747.16 | 1/4 | 3,460.45 | 1/4 | 3,173.73 | 1/4 | 2,887.02 | 1/4 | 2,600.31 | 1/4 | 2,313.59 | 1/4 | 2,026.88 | 1/4 | 1,740.17 |
| 1/2 | | 1/2 | 3,999.48 | 1/2 | 3,741.19 | 1/2 | 3,454.47 | 1/2 | 3,167.76 | 1/2 | 2,881.05 | 1/2 | 2,594.33 | 1/2 | 2,307.62 | 1/2 | 2,020.91 | 1/2 | 1,734.19 |
| 3/4 | | 3/4 | 3,996.99 | 3/4 | 3,735.21 | 3/4 | 3,448.50 | 3/4 | 3,161.79 | 3/4 | 2,875.07 | 3/4 | 2,588.36 | 3/4 | 2,301.65 | 3/4 | 2,014.93 | 3/4 | 1,728.22 |
| 3 | | 3 | 3,994.50 | 3 | 3,729.24 | 3 | 3,442.53 | 3 | 3,155.81 | 3 | 2,869.10 | 3 | 2,582.39 | 3 | 2,295.67 | 3 | 2,008.96 | 3 | 1,722.25 |
| 1/4 | | 1/4 | 3,992.02 | 1/4 | 3,723.27 | 1/4 | 3,436.55 | 1/4 | 3,149.84 | 1/4 | 2,863.13 | 1/4 | 2,576.41 | 1/4 | 2,289.70 | 1/4 | 2,002.99 | 1/4 | 1,716.27 |
| 1/2 | | 1/2 | 3,988.53 | 1/2 | 3,717.29 | 1/2 | 3,430.58 | 1/2 | 3,143.87 | 1/2 | 2,857.15 | 1/2 | 2,570.44 | 1/2 | 2,283.73 | 1/2 | 1,997.01 | 1/2 | 1,710.30 |
| 3/4 | | 3/4 | 3,985.05 | 3/4 | 3,711.32 | 3/4 | 3,424.61 | 3/4 | 3,137.89 | 3/4 | 2,851.18 | 3/4 | 2,564.47 | 3/4 | 2,277.75 | 3/4 | 1,991.04 | 3/4 | 1,704.33 |
| 4 | | 4 | 3,981.56 | 4 | 3,705.35 | 4 | 3,418.63 | 4 | 3,131.92 | 4 | 2,845.21 | 4 | 2,558.49 | 4 | 2,271.78 | 4 | 1,985.07 | 4 | 1,698.35 |
| 1/4 | | 1/4 | 3,978.08 | 1/4 | 3,699.37 | 1/4 | 3,412.66 | 1/4 | 3,125.95 | 1/4 | 2,839.23 | 1/4 | 2,552.52 | 1/4 | 2,265.81 | 1/4 | 1,979.09 | 1/4 | 1,692.38 |
| 1/2 | | 1/2 | 3,973.60 | 1/2 | 3,693.40 | 1/2 | 3,406.69 | 1/2 | 3,119.97 | 1/2 | 2,833.26 | 1/2 | 2,546.55 | 1/2 | 2,259.83 | 1/2 | 1,973.12 | 1/2 | 1,686.41 |
| 3/4 | | 3/4 | 3,969.12 | 3/4 | 3,687.43 | 3/4 | 3,400.71 | 3/4 | 3,114.00 | 3/4 | 2,827.29 | 3/4 | 2,540.57 | 3/4 | 2,253.86 | 3/4 | 1,967.15 | 3/4 | 1,680.43 |
| 5 | | 5 | 3,964.64 | 5 | 3,681.46 | 5 | 3,394.74 | 5 | 3,108.03 | 5 | 2,821.31 | 5 | 2,534.60 | 5 | 2,247.89 | 5 | 1,961.17 | 5 | 1,674.46 |
| 1/4 | | 1/4 | 3,960.16 | 1/4 | 3,675.48 | 1/4 | 3,388.77 | 1/4 | 3,102.05 | 1/4 | 2,815.34 | 1/4 | 2,528.63 | 1/4 | 2,241.91 | 1/4 | 1,955.20 | 1/4 | 1,668.49 |
| 1/2 | | 1/2 | 3,954.69 | 1/2 | 3,669.51 | 1/2 | 3,382.80 | 1/2 | 3,096.08 | 1/2 | 2,809.37 | 1/2 | 2,522.65 | 1/2 | 2,235.94 | 1/2 | 1,949.23 | 1/2 | 1,662.51 |
| 3/4 | | 3/4 | 3,949.23 | 3/4 | 3,663.54 | 3/4 | 3,376.82 | 3/4 | 3,090.11 | 3/4 | 2,803.39 | 3/4 | 2,516.68 | 3/4 | 2,229.97 | 3/4 | 1,943.25 | 3/4 | 1,656.54 |
| 6 | | 6 | 3,943.77 | 6 | 3,657.56 | 6 | 3,370.85 | 6 | 3,084.14 | 6 | 2,797.42 | 6 | 2,510.71 | 6 | 2,223.99 | 6 | 1,937.28 | 6 | 1,650.57 |
| 1/4 | | 1/4 | 3,938.30 | 1/4 | 3,651.59 | 1/4 | 3,364.88 | 1/4 | 3,078.16 | 1/4 | 2,791.45 | 1/4 | 2,504.73 | 1/4 | 2,218.02 | 1/4 | 1,931.31 | 1/4 | 1,644.59 |
| 1/2 | | 1/2 | 3,932.33 | 1/2 | 3,645.62 | 1/2 | 3,358.90 | 1/2 | 3,072.19 | 1/2 | 2,785.48 | 1/2 | 2,498.76 | 1/2 | 2,212.05 | 1/2 | 1,925.33 | 1/2 | 1,638.62 |
| 3/4 | | 3/4 | 3,926.36 | 3/4 | 3,639.64 | 3/4 | 3,352.93 | 3/4 | 3,066.22 | 3/4 | 2,779.50 | 3/4 | 2,492.79 | 3/4 | 2,206.07 | 3/4 | 1,919.36 | 3/4 | 1,632.65 |
| 7 | | 7 | 3,920.38 | 7 | 3,633.67 | 7 | 3,346.96 | 7 | 3,060.24 | 7 | 2,773.53 | 7 | 2,486.82 | 7 | 2,200.10 | 7 | 1,913.39 | 7 | 1,626.67 |
| 1/4 | | 1/4 | 3,914.41 | 1/4 | 3,627.70 | 1/4 | 3,340.98 | 1/4 | 3,054.27 | 1/4 | 2,767.56 | 1/4 | 2,480.84 | 1/4 | 2,194.13 | 1/4 | 1,907.41 | 1/4 | 1,620.70 |
| 1/2 | | 1/2 | 3,908.44 | 1/2 | 3,621.72 | 1/2 | 3,335.01 | 1/2 | 3,048.30 | 1/2 | 2,761.58 | 1/2 | 2,474.87 | 1/2 | 2,188.16 | 1/2 | 1,901.44 | 1/2 | 1,614.73 |
| 3/4 | | 3/4 | 3,902.46 | 3/4 | 3,615.75 | 3/4 | 3,329.04 | 3/4 | 3,042.32 | 3/4 | 2,755.61 | 3/4 | 2,468.90 | 3/4 | 2,182.18 | 3/4 | 1,895.47 | 3/4 | 1,608.75 |
| 8 | | 8 | 3,896.49 | 8 | 3,609.78 | 8 | 3,323.06 | 8 | 3,036.35 | 8 | 2,749.64 | 8 | 2,462.92 | 8 | 2,176.21 | 8 | 1,889.50 | 8 | 1,602.78 |
| 1/4 | | 1/4 | 3,890.52 | 1/4 | 3,603.80 | 1/4 | 3,317.09 | 1/4 | 3,030.38 | 1/4 | 2,743.66 | 1/4 | 2,456.95 | 1/4 | 2,170.24 | 1/4 | 1,883.52 | 1/4 | 1,596.81 |
| 1/2 | | 1/2 | 3,884.54 | 1/2 | 3,597.83 | 1/2 | 3,311.12 | 1/2 | 3,024.40 | 1/2 | 2,737.69 | 1/2 | 2,450.98 | 1/2 | 2,164.26 | 1/2 | 1,877.55 | 1/2 | 1,590.84 |
| 3/4 | | 3/4 | 3,878.57 | 3/4 | 3,591.86 | 3/4 | 3,305.14 | 3/4 | 3,018.43 | 3/4 | 2,731.72 | 3/4 | 2,445.00 | 3/4 | 2,158.29 | 3/4 | 1,871.58 | 3/4 | 1,584.86 |
| 9 | | 9 | 3,872.60 | 9 | 3,585.88 | 9 | 3,299.17 | 9 | 3,012.46 | 9 | 2,725.74 | 9 | 2,439.03 | 9 | 2,152.32 | 9 | 1,865.60 | 9 | 1,578.89 |
| 1/4 | | 1/4 | 3,866.62 | 1/4 | 3,579.91 | 1/4 | 3,293.20 | 1/4 | 3,006.48 | 1/4 | 2,719.77 | 1/4 | 2,433.06 | 1/4 | 2,146.34 | 1/4 | 1,859.63 | 1/4 | 1,572.92 |
| 1/2 | | 1/2 | 3,860.65 | 1/2 | 3,573.94 | 1/2 | 3,287.22 | 1/2 | 3,000.51 | 1/2 | 2,713.80 | 1/2 | 2,427.08 | 1/2 | 2,140.37 | 1/2 | 1,853.66 | 1/2 | 1,566.94 |
| 3/4 | | 3/4 | 3,854.68 | 3/4 | 3,567.96 | 3/4 | 3,281.25 | 3/4 | 2,994.54 | 3/4 | 2,707.82 | 3/4 | 2,421.11 | 3/4 | 2,134.40 | 3/4 | 1,847.68 | 3/4 | 1,560.97 |
| 10 | | 10 | 3,848.70 | 10 | 3,561.99 | 10 | 3,275.28 | 10 | 2,988.56 | 10 | 2,701.85 | 10 | 2,415.14 | 10 | 2,128.42 | 10 | 1,841.71 | 10 | 1,555.00 |
| 1/4 | | 1/4 | 3,842.73 | 1/4 | 3,556.02 | 1/4 | 3,269.30 | 1/4 | 2,982.59 | 1/4 | 2,695.88 | 1/4 | 2,409.16 | 1/4 | 2,122.45 | 1/4 | 1,835.74 | 1/4 | 1,549.02 |
| 1/2 | | 1/2 | 3,836.76 | 1/2 | 3,550.04 | 1/2 | 3,263.33 | 1/2 | 2,976.62 | 1/2 | 2,689.90 | 1/2 | 2,403.19 | 1/2 | 2,116.48 | 1/2 | 1,829.76 | 1/2 | 1,543.05 |
| 3/4 | | 3/4 | 3,830.79 | 3/4 | 3,544.07 | 3/4 | 3,257.36 | 3/4 | 2,970.64 | 3/4 | 2,683.93 | 3/4 | 2,397.22 | 3/4 | 2,110.50 | 3/4 | 1,823.79 | 3/4 | 1,537.08 |
| 11 | | 11 | 3,824.81 | 11 | 3,538.10 | 11 | 3,251.38 | 11 | 2,964.67 | 11 | 2,677.96 | 11 | 2,391.24 | 11 | 2,104.53 | 11 | 1,817.82 | 11 | 1,531.10 |
| 1/4 | | 1/4 | 3,818.84 | 1/4 | 3,532.13 | 1/4 | 3,245.41 | 1/4 | 2,958.70 | 1/4 | 2,671.98 | 1/4 | 2,385.27 | 1/4 | 2,098.56 | 1/4 | 1,811.84 | 1/4 | 1,525.13 |
| 1/2 | | 1/2 | 3,812.87 | 1/2 | 3,526.15 | 1/2 | 3,239.44 | 1/2 | 2,952.72 | 1/2 | 2,666.01 | 1/2 | 2,379.30 | 1/2 | 2,092.58 | 1/2 | 1,805.87 | 1/2 | 1,519.16 |
| 3/4 | | 3/4 | 3,806.89 | 3/4 | 3,520.18 | 3/4 | 3,233.47 | 3/4 | 2,946.75 | 3/4 | 2,660.04 | 3/4 | 2,373.32 | 3/4 | 2,086.61 | 3/4 | 1,799.90 | 3/4 | 1,513.18 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 34'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 212"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,507.21 | 0 | 1,220.50 | 0 | 933.78 | 0 | 651.47 | 0 | 364.77 | 0 | 78.27 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,501.24 | 1/4 | 1,214.52 | 1/4 | 927.81 | 1/4 | 645.50 | 1/4 | 358.80 | 1/4 | 72.35 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,495.26 | 1/2 | 1,208.55 | 1/2 | 921.84 | 1/2 | 639.53 | 1/2 | 352.83 | 1/2 | 66.87 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,489.29 | 3/4 | 1,202.58 | 3/4 | 915.86 | 3/4 | 633.55 | 3/4 | 346.85 | 3/4 | 61.40 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,483.32 | 1 | 1,196.60 | 1 | 909.89 | 1 | 627.58 | 1 | 340.88 | 1 | 55.93 | 1 | | 1 | | 1 | | 1 | |
| 1/4 | 1,477.34 | 1/4 | 1,190.63 | 1/4 | 903.92 | 1/4 | 621.61 | 1/4 | 334.91 | 1/4 | 50.46 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,471.37 | 1/2 | 1,184.66 | 1/2 | 898.08 | 1/2 | 615.63 | 1/2 | 328.94 | 1/2 | 45.98 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,465.40 | 3/4 | 1,178.68 | 3/4 | 892.24 | 3/4 | 609.66 | 3/4 | 322.96 | 3/4 | 41.50 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,459.42 | 2 | 1,172.71 | 2 | 886.40 | 2 | 603.69 | 2 | 316.99 | 2 | 37.02 | 2 | | 2 | | 2 | | 2 | |
| 1/4 | 1,453.45 | 1/4 | 1,166.74 | 1/4 | 880.56 | 1/4 | 597.72 | 1/4 | 311.02 | 1/4 | 32.54 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,447.48 | 1/2 | 1,160.76 | 1/2 | 874.73 | 1/2 | 591.74 | 1/2 | 305.04 | 1/2 | 29.06 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,441.51 | 3/4 | 1,154.79 | 3/4 | 868.89 | 3/4 | 585.77 | 3/4 | 299.07 | 3/4 | 25.57 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,435.53 | 3 | 1,148.82 | 3 | 863.05 | 3 | 579.80 | 3 | 293.10 | 3 | 22.09 | 3 | | 3 | | 3 | | 3 | |
| 1/4 | 1,429.56 | 1/4 | 1,142.85 | 1/4 | 857.21 | 1/4 | 573.82 | 1/4 | 287.13 | 1/4 | 18.60 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,423.59 | 1/2 | 1,136.87 | 1/2 | 851.38 | 1/2 | 567.85 | 1/2 | 281.15 | 1/2 | 16.12 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,417.61 | 3/4 | 1,130.90 | 3/4 | 845.54 | 3/4 | 561.88 | 3/4 | 275.18 | 3/4 | 13.63 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,411.64 | 4 | 1,124.93 | 4 | 839.71 | 4 | 555.91 | 4 | 269.21 | 4 | 11.14 | 4 | | 4 | | 4 | | 4 | |
| 1/4 | 1,405.67 | 1/4 | 1,118.95 | 1/4 | 833.87 | 1/4 | 549.93 | 1/4 | 263.23 | 1/4 | 8.65 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,399.69 | 1/2 | 1,112.98 | 1/2 | 828.04 | 1/2 | 543.96 | 1/2 | 257.26 | 1/2 | 7.16 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,393.72 | 3/4 | 1,107.01 | 3/4 | 822.20 | 3/4 | 537.99 | 3/4 | 251.29 | 3/4 | 5.66 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,387.75 | 5 | 1,101.03 | 5 | 816.37 | 5 | 532.01 | 5 | 245.31 | 5 | 4.17 | 5 | | 5 | | 5 | | 5 | |
| 1/4 | 1,381.77 | 1/4 | 1,095.06 | 1/4 | 810.53 | 1/4 | 526.04 | 1/4 | 239.34 | 1/4 | 2.68 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,375.80 | 1/2 | 1,089.09 | 1/2 | 804.70 | 1/2 | 520.07 | 1/2 | 233.37 | 1/2 | 2.18 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,369.83 | 3/4 | 1,083.11 | 3/4 | 798.86 | 3/4 | 514.10 | 3/4 | 227.40 | 3/4 | 1.68 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,363.85 | 6 | 1,077.14 | 6 | 793.03 | 6 | 508.12 | 6 | 221.42 | 6 | 1.18 | 6 | | 6 | | 6 | | 6 | |
| 1/4 | 1,357.88 | 1/4 | 1,071.17 | 1/4 | 787.19 | 1/4 | 502.15 | 1/4 | 215.45 | 1/4 | 0.69 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,351.91 | 1/2 | 1,065.19 | 1/2 | 781.36 | 1/2 | 496.18 | 1/2 | 209.48 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,345.93 | 3/4 | 1,059.22 | 3/4 | 775.52 | 3/4 | 490.20 | 3/4 | 203.50 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,339.96 | 7 | 1,053.25 | 7 | 769.69 | 7 | 484.23 | 7 | 197.53 | 7 | | 7 | | 7 | | 7 | | 7 | |
| 1/4 | 1,333.99 | 1/4 | 1,047.27 | 1/4 | 763.85 | 1/4 | 478.26 | 1/4 | 191.56 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,328.01 | 1/2 | 1,041.30 | 1/2 | 758.02 | 1/2 | 472.28 | 1/2 | 185.59 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,322.04 | 3/4 | 1,035.33 | 3/4 | 752.18 | 3/4 | 466.31 | 3/4 | 179.61 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,316.07 | 8 | 1,029.35 | 8 | 746.35 | 8 | 460.34 | 8 | 173.64 | 8 | | 8 | | 8 | | 8 | | 8 | |
| 1/4 | 1,310.09 | 1/4 | 1,023.38 | 1/4 | 740.51 | 1/4 | 454.37 | 1/4 | 167.67 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,304.12 | 1/2 | 1,017.41 | 1/2 | 734.68 | 1/2 | 448.39 | 1/2 | 161.69 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,298.15 | 3/4 | 1,011.43 | 3/4 | 728.84 | 3/4 | 442.42 | 3/4 | 155.72 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,292.18 | 9 | 1,005.46 | 9 | 723.01 | 9 | 436.45 | 9 | 149.75 | 9 | | 9 | | 9 | | 9 | | 9 | |
| 1/4 | 1,286.20 | 1/4 | 999.49 | 1/4 | 717.17 | 1/4 | 430.47 | 1/4 | 143.78 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,280.23 | 1/2 | 993.52 | 1/2 | 711.20 | 1/2 | 424.50 | 1/2 | 137.80 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,274.26 | 3/4 | 987.54 | 3/4 | 705.23 | 3/4 | 418.53 | 3/4 | 131.83 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,268.28 | 10 | 981.57 | 10 | 699.26 | 10 | 412.56 | 10 | 125.86 | 10 | | 10 | | 10 | | 10 | | 10 | |
| 1/4 | 1,262.31 | 1/4 | 975.60 | 1/4 | 693.28 | 1/4 | 406.58 | 1/4 | 119.89 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,256.34 | 1/2 | 969.62 | 1/2 | 687.31 | 1/2 | 400.61 | 1/2 | 113.93 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,250.36 | 3/4 | 963.65 | 3/4 | 681.34 | 3/4 | 394.64 | 3/4 | 107.97 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,244.39 | 11 | 957.68 | 11 | 675.36 | 11 | 388.66 | 11 | 102.01 | 11 | | 11 | | 11 | | 11 | | 11 | |
| 1/4 | 1,238.42 | 1/4 | 951.70 | 1/4 | 669.39 | 1/4 | 382.69 | 1/4 | 96.05 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,232.44 | 1/2 | 945.73 | 1/2 | 663.42 | 1/2 | 376.72 | 1/2 | 90.12 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,226.47 | 3/4 | 939.76 | 3/4 | 657.44 | 3/4 | 370.75 | 3/4 | 84.20 | 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 BY: 04/20/2021 JS
CALCULATED: 04/20/2021 CL
PRINTED: 04/20/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 212"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 1/4"

| 0 FT. | | 1 FT. | | 2 FT. | | 3 FT. | | 4 FT. | | 5 FT. | | 6 FT. | | 7 FT. | | 8 FT. | | 9 FT. | |
|-------|-----|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT | IN | OUT |
| 0 | | 0 | | 0 | 3,342.31 | 0 | 3,090.46 | 0 | 2,838.62 | 0 | 2,586.78 | 0 | 2,334.94 | 0 | 2,083.10 | 0 | 1,831.26 | 0 | 1,579.42 |
| 1/4 | | 1/4 | 3,525.96 | 1/4 | 3,337.06 | 1/4 | 3,085.22 | 1/4 | 2,833.38 | 1/4 | 2,581.54 | 1/4 | 2,329.69 | 1/4 | 2,077.85 | 1/4 | 1,826.01 | 1/4 | 1,574.17 |
| 1/2 | | 1/2 | 3,525.52 | 1/2 | 3,331.81 | 1/2 | 3,079.97 | 1/2 | 2,828.13 | 1/2 | 2,576.29 | 1/2 | 2,324.45 | 1/2 | 2,072.61 | 1/2 | 1,820.76 | 1/2 | 1,568.92 |
| 3/4 | | 3/4 | 3,525.09 | 3/4 | 3,326.57 | 3/4 | 3,074.72 | 3/4 | 2,822.88 | 3/4 | 2,571.04 | 3/4 | 2,319.20 | 3/4 | 2,067.36 | 3/4 | 1,815.52 | 3/4 | 1,563.68 |
| 1 | | 1 | 3,524.65 | 1 | 3,321.32 | 1 | 3,069.48 | 1 | 2,817.64 | 1 | 2,565.79 | 1 | 2,313.95 | 1 | 2,062.11 | 1 | 1,810.27 | 1 | 1,558.43 |
| 1/4 | | 1/4 | 3,524.21 | 1/4 | 3,316.07 | 1/4 | 3,064.23 | 1/4 | 2,812.39 | 1/4 | 2,560.55 | 1/4 | 2,308.71 | 1/4 | 2,056.87 | 1/4 | 1,805.02 | 1/4 | 1,553.18 |
| 1/2 | | 1/2 | 3,522.90 | 1/2 | 3,310.83 | 1/2 | 3,058.98 | 1/2 | 2,807.14 | 1/2 | 2,555.30 | 1/2 | 2,303.46 | 1/2 | 2,051.62 | 1/2 | 1,799.78 | 1/2 | 1,547.94 |
| 3/4 | | 3/4 | 3,521.59 | 3/4 | 3,305.58 | 3/4 | 3,053.74 | 3/4 | 2,801.90 | 3/4 | 2,550.05 | 3/4 | 2,298.21 | 3/4 | 2,046.37 | 3/4 | 1,794.53 | 3/4 | 1,542.69 |
| 2 | | 2 | 3,520.28 | 2 | 3,300.33 | 2 | 3,048.49 | 2 | 2,796.65 | 2 | 2,544.81 | 2 | 2,292.97 | 2 | 2,041.12 | 2 | 1,789.28 | 2 | 1,537.44 |
| 1/4 | | 1/4 | 3,518.97 | 1/4 | 3,295.09 | 1/4 | 3,043.24 | 1/4 | 2,791.40 | 1/4 | 2,539.56 | 1/4 | 2,287.72 | 1/4 | 2,035.88 | 1/4 | 1,784.04 | 1/4 | 1,532.20 |
| 1/2 | | 1/2 | 3,516.78 | 1/2 | 3,289.84 | 1/2 | 3,038.00 | 1/2 | 2,786.16 | 1/2 | 2,534.31 | 1/2 | 2,282.47 | 1/2 | 2,030.63 | 1/2 | 1,778.79 | 1/2 | 1,526.95 |
| 3/4 | | 3/4 | 3,514.59 | 3/4 | 3,284.59 | 3/4 | 3,032.75 | 3/4 | 2,780.91 | 3/4 | 2,529.07 | 3/4 | 2,277.23 | 3/4 | 2,025.38 | 3/4 | 1,773.54 | 3/4 | 1,521.70 |
| 3 | | 3 | 3,512.41 | 3 | 3,279.35 | 3 | 3,027.50 | 3 | 2,775.66 | 3 | 2,523.82 | 3 | 2,271.98 | 3 | 2,020.14 | 3 | 1,768.30 | 3 | 1,516.45 |
| 1/4 | | 1/4 | 3,510.22 | 1/4 | 3,274.10 | 1/4 | 3,022.26 | 1/4 | 2,770.42 | 1/4 | 2,518.57 | 1/4 | 2,266.73 | 1/4 | 2,014.89 | 1/4 | 1,763.05 | 1/4 | 1,511.21 |
| 1/2 | | 1/2 | 3,507.16 | 1/2 | 3,268.85 | 1/2 | 3,017.01 | 1/2 | 2,765.17 | 1/2 | 2,513.33 | 1/2 | 2,261.49 | 1/2 | 2,009.64 | 1/2 | 1,757.80 | 1/2 | 1,505.96 |
| 3/4 | | 3/4 | 3,504.10 | 3/4 | 3,263.61 | 3/4 | 3,011.76 | 3/4 | 2,759.92 | 3/4 | 2,508.08 | 3/4 | 2,256.24 | 3/4 | 2,004.40 | 3/4 | 1,752.56 | 3/4 | 1,500.71 |
| 4 | | 4 | 3,501.04 | 4 | 3,258.36 | 4 | 3,006.52 | 4 | 2,754.68 | 4 | 2,502.83 | 4 | 2,250.99 | 4 | 1,999.15 | 4 | 1,747.31 | 4 | 1,495.47 |
| 1/4 | | 1/4 | 3,497.98 | 1/4 | 3,253.11 | 1/4 | 3,001.27 | 1/4 | 2,749.43 | 1/4 | 2,497.59 | 1/4 | 2,245.75 | 1/4 | 1,993.90 | 1/4 | 1,742.06 | 1/4 | 1,490.22 |
| 1/2 | | 1/2 | 3,494.04 | 1/2 | 3,247.87 | 1/2 | 2,996.02 | 1/2 | 2,744.18 | 1/2 | 2,492.34 | 1/2 | 2,240.50 | 1/2 | 1,988.66 | 1/2 | 1,736.82 | 1/2 | 1,484.97 |
| 3/4 | | 3/4 | 3,490.11 | 3/4 | 3,242.62 | 3/4 | 2,990.78 | 3/4 | 2,738.94 | 3/4 | 2,487.09 | 3/4 | 2,235.25 | 3/4 | 1,983.41 | 3/4 | 1,731.57 | 3/4 | 1,479.73 |
| 5 | | 5 | 3,486.17 | 5 | 3,237.37 | 5 | 2,985.53 | 5 | 2,733.69 | 5 | 2,481.85 | 5 | 2,230.01 | 5 | 1,978.16 | 5 | 1,726.32 | 5 | 1,474.48 |
| 1/4 | | 1/4 | 3,482.24 | 1/4 | 3,232.13 | 1/4 | 2,980.28 | 1/4 | 2,728.44 | 1/4 | 2,476.60 | 1/4 | 2,224.76 | 1/4 | 1,972.92 | 1/4 | 1,721.08 | 1/4 | 1,469.23 |
| 1/2 | | 1/2 | 3,477.42 | 1/2 | 3,226.88 | 1/2 | 2,975.04 | 1/2 | 2,723.20 | 1/2 | 2,471.35 | 1/2 | 2,219.51 | 1/2 | 1,967.67 | 1/2 | 1,715.83 | 1/2 | 1,463.99 |
| 3/4 | | 3/4 | 3,472.61 | 3/4 | 3,221.63 | 3/4 | 2,969.79 | 3/4 | 2,717.95 | 3/4 | 2,466.11 | 3/4 | 2,214.27 | 3/4 | 1,962.42 | 3/4 | 1,710.58 | 3/4 | 1,458.74 |
| 6 | | 6 | 3,467.80 | 6 | 3,216.39 | 6 | 2,964.54 | 6 | 2,712.70 | 6 | 2,460.86 | 6 | 2,209.02 | 6 | 1,957.18 | 6 | 1,705.34 | 6 | 1,453.49 |
| 1/4 | | 1/4 | 3,462.98 | 1/4 | 3,211.14 | 1/4 | 2,959.30 | 1/4 | 2,707.46 | 1/4 | 2,455.61 | 1/4 | 2,203.77 | 1/4 | 1,951.93 | 1/4 | 1,700.09 | 1/4 | 1,448.25 |
| 1/2 | | 1/2 | 3,457.73 | 1/2 | 3,205.89 | 1/2 | 2,954.05 | 1/2 | 2,702.21 | 1/2 | 2,450.37 | 1/2 | 2,198.53 | 1/2 | 1,946.68 | 1/2 | 1,694.84 | 1/2 | 1,443.00 |
| 3/4 | | 3/4 | 3,452.49 | 3/4 | 3,200.65 | 3/4 | 2,948.80 | 3/4 | 2,696.96 | 3/4 | 2,445.12 | 3/4 | 2,193.28 | 3/4 | 1,941.44 | 3/4 | 1,689.60 | 3/4 | 1,437.75 |
| 7 | | 7 | 3,447.24 | 7 | 3,195.40 | 7 | 2,943.56 | 7 | 2,691.72 | 7 | 2,439.87 | 7 | 2,188.03 | 7 | 1,936.19 | 7 | 1,684.35 | 7 | 1,432.51 |
| 1/4 | | 1/4 | 3,441.99 | 1/4 | 3,190.15 | 1/4 | 2,938.31 | 1/4 | 2,686.47 | 1/4 | 2,434.63 | 1/4 | 2,182.79 | 1/4 | 1,930.94 | 1/4 | 1,679.10 | 1/4 | 1,427.26 |
| 1/2 | | 1/2 | 3,436.75 | 1/2 | 3,184.91 | 1/2 | 2,933.06 | 1/2 | 2,681.22 | 1/2 | 2,429.38 | 1/2 | 2,177.54 | 1/2 | 1,925.70 | 1/2 | 1,673.86 | 1/2 | 1,422.01 |
| 3/4 | | 3/4 | 3,431.50 | 3/4 | 3,179.66 | 3/4 | 2,927.82 | 3/4 | 2,675.98 | 3/4 | 2,424.13 | 3/4 | 2,172.29 | 3/4 | 1,920.45 | 3/4 | 1,668.61 | 3/4 | 1,416.77 |
| 8 | | 8 | 3,426.25 | 8 | 3,174.41 | 8 | 2,922.57 | 8 | 2,670.73 | 8 | 2,418.89 | 8 | 2,167.05 | 8 | 1,915.20 | 8 | 1,663.36 | 8 | 1,411.52 |
| 1/4 | | 1/4 | 3,421.01 | 1/4 | 3,169.17 | 1/4 | 2,917.32 | 1/4 | 2,665.48 | 1/4 | 2,413.64 | 1/4 | 2,161.80 | 1/4 | 1,909.96 | 1/4 | 1,658.12 | 1/4 | 1,406.27 |
| 1/2 | | 1/2 | 3,415.76 | 1/2 | 3,163.92 | 1/2 | 2,912.08 | 1/2 | 2,660.24 | 1/2 | 2,408.39 | 1/2 | 2,156.55 | 1/2 | 1,904.71 | 1/2 | 1,652.87 | 1/2 | 1,401.03 |
| 3/4 | | 3/4 | 3,410.51 | 3/4 | 3,158.67 | 3/4 | 2,906.83 | 3/4 | 2,654.99 | 3/4 | 2,403.15 | 3/4 | 2,151.31 | 3/4 | 1,899.46 | 3/4 | 1,647.62 | 3/4 | 1,395.78 |
| 9 | | 9 | 3,405.27 | 9 | 3,153.43 | 9 | 2,901.58 | 9 | 2,649.74 | 9 | 2,397.90 | 9 | 2,146.06 | 9 | 1,894.22 | 9 | 1,642.38 | 9 | 1,390.53 |
| 1/4 | | 1/4 | 3,400.02 | 1/4 | 3,148.18 | 1/4 | 2,896.34 | 1/4 | 2,644.50 | 1/4 | 2,392.65 | 1/4 | 2,140.81 | 1/4 | 1,888.97 | 1/4 | 1,637.13 | 1/4 | 1,385.29 |
| 1/2 | | 1/2 | 3,394.77 | 1/2 | 3,142.93 | 1/2 | 2,891.09 | 1/2 | 2,639.25 | 1/2 | 2,387.41 | 1/2 | 2,135.57 | 1/2 | 1,883.72 | 1/2 | 1,631.88 | 1/2 | 1,380.04 |
| 3/4 | | 3/4 | 3,389.53 | 3/4 | 3,137.69 | 3/4 | 2,885.84 | 3/4 | 2,634.00 | 3/4 | 2,382.16 | 3/4 | 2,130.32 | 3/4 | 1,878.48 | 3/4 | 1,626.64 | 3/4 | 1,374.79 |
| 10 | | 10 | 3,384.28 | 10 | 3,132.44 | 10 | 2,880.60 | 10 | 2,628.76 | 10 | 2,376.91 | 10 | 2,125.07 | 10 | 1,873.23 | 10 | 1,621.39 | 10 | 1,369.55 |
| 1/4 | | 1/4 | 3,379.03 | 1/4 | 3,127.19 | 1/4 | 2,875.35 | 1/4 | 2,623.51 | 1/4 | 2,371.67 | 1/4 | 2,119.83 | 1/4 | 1,867.98 | 1/4 | 1,616.14 | 1/4 | 1,364.30 |
| 1/2 | | 1/2 | 3,373.79 | 1/2 | 3,121.95 | 1/2 | 2,870.10 | 1/2 | 2,618.26 | 1/2 | 2,366.42 | 1/2 | 2,114.58 | 1/2 | 1,862.74 | 1/2 | 1,610.90 | 1/2 | 1,359.05 |
| 3/4 | | 3/4 | 3,368.54 | 3/4 | 3,116.70 | 3/4 | 2,864.86 | 3/4 | 2,613.02 | 3/4 | 2,361.17 | 3/4 | 2,109.33 | 3/4 | 1,857.49 | 3/4 | 1,605.65 | 3/4 | 1,353.81 |
| 11 | | 11 | 3,363.29 | 11 | 3,111.45 | 11 | 2,859.61 | 11 | 2,607.77 | 11 | 2,355.93 | 11 | 2,104.09 | 11 | 1,852.24 | 11 | 1,600.40 | 11 | 1,348.56 |
| 1/4 | | 1/4 | 3,358.05 | 1/4 | 3,106.21 | 1/4 | 2,854.36 | 1/4 | 2,602.52 | 1/4 | 2,350.68 | 1/4 | 2,098.84 | 1/4 | 1,847.00 | 1/4 | 1,595.16 | 1/4 | 1,343.31 |
| 1/2 | | 1/2 | 3,352.80 | 1/2 | 3,100.96 | 1/2 | 2,849.12 | 1/2 | 2,597.28 | 1/2 | 2,345.43 | 1/2 | 2,093.59 | 1/2 | 1,841.75 | 1/2 | 1,589.91 | 1/2 | 1,338.07 |
| 3/4 | | 3/4 | 3,347.55 | 3/4 | 3,095.71 | 3/4 | 2,843.87 | 3/4 | 2,592.03 | 3/4 | 2,340.19 | 3/4 | 2,088.35 | 3/4 | 1,836.50 | 3/4 | 1,584.66 | 3/4 | 1,332.82 |

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN TO TOP OF 2" HERMETIC CLOSED GAUGING VALVE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "DBL 212"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 15-06 1/4"

| IN | 10 FT. | IN | 11 FT. | IN | 12 FT. | IN | 13 FT. | IN | 14 FT. | IN | 15 FT. | IN | 16 FT. | IN | 17 FT. | IN | 18 FT. | IN | 19 FT. |
|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0 | 1,327.57 | 0 | 1,075.73 | 0 | 823.89 | 0 | 572.33 | 0 | 320.50 | 0 | 68.84 | 0 | | 0 | | 0 | | 0 | |
| 1/4 | 1,322.33 | 1/4 | 1,070.49 | 1/4 | 818.64 | 1/4 | 567.09 | 1/4 | 315.25 | 1/4 | 63.63 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,317.08 | 1/2 | 1,065.24 | 1/2 | 813.40 | 1/2 | 561.84 | 1/2 | 310.00 | 1/2 | 58.82 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,311.83 | 3/4 | 1,059.99 | 3/4 | 808.15 | 3/4 | 556.60 | 3/4 | 304.76 | 3/4 | 54.02 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 1 | 1,306.59 | 1 | 1,054.75 | 1 | 802.90 | 1 | 551.35 | 1 | 299.51 | 1 | 49.21 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 1/4 | 1,301.34 | 1/4 | 1,049.50 | 1/4 | 797.66 | 1/4 | 546.10 | 1/4 | 294.27 | 1/4 | 44.41 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,296.09 | 1/2 | 1,044.25 | 1/2 | 792.42 | 1/2 | 540.86 | 1/2 | 289.02 | 1/2 | 40.47 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,290.85 | 3/4 | 1,039.01 | 3/4 | 787.18 | 3/4 | 535.61 | 3/4 | 283.77 | 3/4 | 36.54 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 2 | 1,285.60 | 2 | 1,033.76 | 2 | 781.94 | 2 | 530.36 | 2 | 278.53 | 2 | 32.60 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| 1/4 | 1,280.35 | 1/4 | 1,028.51 | 1/4 | 776.70 | 1/4 | 525.12 | 1/4 | 273.28 | 1/4 | 28.67 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,275.11 | 1/2 | 1,023.27 | 1/2 | 771.45 | 1/2 | 519.87 | 1/2 | 268.03 | 1/2 | 25.61 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,269.86 | 3/4 | 1,018.02 | 3/4 | 766.21 | 3/4 | 514.62 | 3/4 | 262.79 | 3/4 | 22.55 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 3 | 1,264.61 | 3 | 1,012.77 | 3 | 760.97 | 3 | 509.38 | 3 | 257.54 | 3 | 19.49 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| 1/4 | 1,259.37 | 1/4 | 1,007.53 | 1/4 | 755.73 | 1/4 | 504.13 | 1/4 | 252.29 | 1/4 | 16.43 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,254.12 | 1/2 | 1,002.28 | 1/2 | 750.50 | 1/2 | 498.88 | 1/2 | 247.05 | 1/2 | 14.24 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,248.87 | 3/4 | 997.03 | 3/4 | 745.26 | 3/4 | 493.64 | 3/4 | 241.80 | 3/4 | 12.05 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 4 | 1,243.63 | 4 | 991.78 | 4 | 740.02 | 4 | 488.39 | 4 | 236.55 | 4 | 9.87 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| 1/4 | 1,238.38 | 1/4 | 986.54 | 1/4 | 734.79 | 1/4 | 483.14 | 1/4 | 231.31 | 1/4 | 7.68 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,233.13 | 1/2 | 981.29 | 1/2 | 729.55 | 1/2 | 477.90 | 1/2 | 226.06 | 1/2 | 6.37 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,227.89 | 3/4 | 976.04 | 3/4 | 724.31 | 3/4 | 472.65 | 3/4 | 220.81 | 3/4 | 5.06 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 5 | 1,222.64 | 5 | 970.80 | 5 | 719.07 | 5 | 467.40 | 5 | 215.57 | 5 | 3.75 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| 1/4 | 1,217.39 | 1/4 | 965.55 | 1/4 | 713.84 | 1/4 | 462.16 | 1/4 | 210.32 | 1/4 | 2.44 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,212.15 | 1/2 | 960.30 | 1/2 | 708.60 | 1/2 | 456.91 | 1/2 | 205.07 | 1/2 | 2.00 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,206.90 | 3/4 | 955.06 | 3/4 | 703.36 | 3/4 | 451.66 | 3/4 | 199.83 | 3/4 | 1.56 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 6 | 1,201.65 | 6 | 949.81 | 6 | 698.13 | 6 | 446.42 | 6 | 194.58 | 6 | 1.12 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| 1/4 | 1,196.41 | 1/4 | 944.56 | 1/4 | 692.89 | 1/4 | 441.17 | 1/4 | 189.33 | 1/4 | 0.69 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,191.16 | 1/2 | 939.32 | 1/2 | 687.65 | 1/2 | 435.92 | 1/2 | 184.09 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,185.91 | 3/4 | 934.07 | 3/4 | 682.42 | 3/4 | 430.68 | 3/4 | 178.84 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 7 | 1,180.67 | 7 | 928.82 | 7 | 677.18 | 7 | 425.43 | 7 | 173.59 | 7 | | 7 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| 1/4 | 1,175.42 | 1/4 | 923.58 | 1/4 | 671.94 | 1/4 | 420.18 | 1/4 | 168.35 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,170.17 | 1/2 | 918.33 | 1/2 | 666.71 | 1/2 | 414.94 | 1/2 | 163.10 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,164.93 | 3/4 | 913.08 | 3/4 | 661.47 | 3/4 | 409.69 | 3/4 | 157.85 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 8 | 1,159.68 | 8 | 907.84 | 8 | 656.23 | 8 | 404.44 | 8 | 152.61 | 8 | | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| 1/4 | 1,154.43 | 1/4 | 902.59 | 1/4 | 651.00 | 1/4 | 399.20 | 1/4 | 147.36 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,149.19 | 1/2 | 897.34 | 1/2 | 645.76 | 1/2 | 393.95 | 1/2 | 142.11 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,143.94 | 3/4 | 892.10 | 3/4 | 640.52 | 3/4 | 388.70 | 3/4 | 136.87 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 9 | 1,138.69 | 9 | 886.85 | 9 | 635.28 | 9 | 383.46 | 9 | 131.62 | 9 | | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| 1/4 | 1,133.45 | 1/4 | 881.60 | 1/4 | 630.05 | 1/4 | 378.21 | 1/4 | 126.37 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,128.20 | 1/2 | 876.36 | 1/2 | 624.80 | 1/2 | 372.96 | 1/2 | 121.13 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,122.95 | 3/4 | 871.11 | 3/4 | 619.55 | 3/4 | 367.72 | 3/4 | 115.88 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 10 | 1,117.71 | 10 | 865.86 | 10 | 614.31 | 10 | 362.47 | 10 | 110.64 | 10 | | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| 1/4 | 1,112.46 | 1/4 | 860.62 | 1/4 | 609.06 | 1/4 | 357.22 | 1/4 | 105.39 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,107.21 | 1/2 | 855.37 | 1/2 | 603.81 | 1/2 | 351.98 | 1/2 | 100.16 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,101.97 | 3/4 | 850.12 | 3/4 | 598.57 | 3/4 | 346.73 | 3/4 | 94.92 | 3/4 | | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 | 3/4 |
| 11 | 1,096.72 | 11 | 844.88 | 11 | 593.32 | 11 | 341.48 | 11 | 89.69 | 11 | | 11 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| 1/4 | 1,091.47 | 1/4 | 839.63 | 1/4 | 588.07 | 1/4 | 336.24 | 1/4 | 84.45 | 1/4 | | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 | 1/4 |
| 1/2 | 1,086.23 | 1/2 | 834.38 | 1/2 | 582.83 | 1/2 | 330.99 | 1/2 | 79.25 | 1/2 | | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 | 1/2 |
| 3/4 | 1,080.98 | 3/4 | 829.14 | 3/4 | 577.58 | 3/4 | 325.74 | 3/4 | 74.04 | 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 BY: 04/20/2021 JS
CALCULATED: 04/20/2021 CL
PRINTED: 04/20/2021 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2021

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