



ID#  
1016

BARGE "RBT 316"

HULL NO. 4510

1 PORT  
ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

| 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.    | IN  | 10 FT.   |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   | 5,203.98 | 0   | 4,841.09 | 0   | 4,477.97 | 0   | 4,112.85 | 0   | 3,747.73 | 0   | 3,382.62 | 0   | 3,017.50 | 0   | 2,652.19 | 0   | 2,286.83 |
| 1/4 |       | 1/4 | 5,196.42 | 1/4 | 4,833.53 | 1/4 | 4,470.36 | 1/4 | 4,105.24 | 1/4 | 3,740.13 | 1/4 | 3,375.01 | 1/4 | 3,009.89 | 1/4 | 2,644.58 | 1/4 | 2,279.22 |
| 1/2 |       | 1/2 | 5,188.87 | 1/2 | 4,825.97 | 1/2 | 4,462.75 | 1/2 | 4,097.64 | 1/2 | 3,732.52 | 1/2 | 3,367.40 | 1/2 | 3,002.29 | 1/2 | 2,636.97 | 1/2 | 2,271.60 |
| 3/4 |       | 3/4 | 5,181.31 | 3/4 | 4,818.41 | 3/4 | 4,455.15 | 3/4 | 4,090.03 | 3/4 | 3,724.91 | 3/4 | 3,359.80 | 3/4 | 2,994.68 | 3/4 | 2,629.36 | 3/4 | 2,263.99 |
| 1   |       | 1   | 5,173.75 | 1   | 4,810.85 | 1   | 4,447.54 | 1   | 4,082.42 | 1   | 3,717.31 | 1   | 3,352.19 | 1   | 2,987.07 | 1   | 2,621.75 | 1   | 2,256.38 |
| 1/4 |       | 1/4 | 5,166.20 | 1/4 | 4,803.29 | 1/4 | 4,439.93 | 1/4 | 4,074.82 | 1/4 | 3,709.70 | 1/4 | 3,344.58 | 1/4 | 2,979.47 | 1/4 | 2,614.14 | 1/4 | 2,248.77 |
| 1/2 |       | 1/2 | 5,158.64 | 1/2 | 4,795.73 | 1/2 | 4,432.33 | 1/2 | 4,067.21 | 1/2 | 3,702.09 | 1/2 | 3,336.98 | 1/2 | 2,971.86 | 1/2 | 2,606.52 | 1/2 | 2,241.16 |
| 3/4 |       | 3/4 | 5,151.09 | 3/4 | 4,788.16 | 3/4 | 4,424.72 | 3/4 | 4,059.60 | 3/4 | 3,694.49 | 3/4 | 3,329.37 | 3/4 | 2,964.25 | 3/4 | 2,598.91 | 3/4 | 2,233.55 |
| 2   |       | 2   | 5,143.53 | 2   | 4,780.60 | 2   | 4,417.11 | 2   | 4,052.00 | 2   | 3,686.88 | 2   | 3,321.76 | 2   | 2,956.65 | 2   | 2,591.30 | 2   | 2,225.93 |
| 1/4 |       | 1/4 | 5,135.97 | 1/4 | 4,773.04 | 1/4 | 4,409.51 | 1/4 | 4,044.39 | 1/4 | 3,679.27 | 1/4 | 3,314.16 | 1/4 | 2,949.04 | 1/4 | 2,583.69 | 1/4 | 2,218.32 |
| 1/2 |       | 1/2 | 5,128.42 | 1/2 | 4,765.48 | 1/2 | 4,401.90 | 1/2 | 4,036.78 | 1/2 | 3,671.67 | 1/2 | 3,306.55 | 1/2 | 2,941.43 | 1/2 | 2,576.08 | 1/2 | 2,210.71 |
| 3/4 |       | 3/4 | 5,120.86 | 3/4 | 4,757.92 | 3/4 | 4,394.29 | 3/4 | 4,029.18 | 3/4 | 3,664.06 | 3/4 | 3,298.94 | 3/4 | 2,933.83 | 3/4 | 2,568.46 | 3/4 | 2,203.10 |
| 3   |       | 3   | 5,113.30 | 3   | 4,750.36 | 3   | 4,386.69 | 3   | 4,021.57 | 3   | 3,656.45 | 3   | 3,291.34 | 3   | 2,926.22 | 3   | 2,560.85 | 3   | 2,195.49 |
| 1/4 |       | 1/4 | 5,105.74 | 1/4 | 4,742.80 | 1/4 | 4,378.08 | 1/4 | 4,013.96 | 1/4 | 3,648.85 | 1/4 | 3,283.73 | 1/4 | 2,918.61 | 1/4 | 2,553.24 | 1/4 | 2,187.87 |
| 1/2 |       | 1/2 | 5,098.18 | 1/2 | 4,735.23 | 1/2 | 4,371.47 | 1/2 | 4,006.36 | 1/2 | 3,641.24 | 1/2 | 3,276.12 | 1/2 | 2,911.00 | 1/2 | 2,545.63 | 1/2 | 2,180.26 |
| 3/4 |       | 3/4 | 5,090.62 | 3/4 | 4,727.67 | 3/4 | 4,363.87 | 3/4 | 3,998.75 | 3/4 | 3,633.63 | 3/4 | 3,268.52 | 3/4 | 2,903.38 | 3/4 | 2,538.02 | 3/4 | 2,172.65 |
| 4   |       | 4   | 5,083.06 | 4   | 4,720.11 | 4   | 4,356.26 | 4   | 3,991.14 | 4   | 3,626.03 | 4   | 3,260.91 | 4   | 2,895.77 | 4   | 2,530.41 | 4   | 2,165.04 |
| 1/4 |       | 1/4 | 5,075.50 | 1/4 | 4,712.55 | 1/4 | 4,348.65 | 1/4 | 3,983.54 | 1/4 | 3,618.42 | 1/4 | 3,253.30 | 1/4 | 2,888.16 | 1/4 | 2,522.79 | 1/4 | 2,157.43 |
| 1/2 |       | 1/2 | 5,067.94 | 1/2 | 4,704.99 | 1/2 | 4,341.05 | 1/2 | 3,975.93 | 1/2 | 3,610.81 | 1/2 | 3,245.70 | 1/2 | 2,880.55 | 1/2 | 2,515.18 | 1/2 | 2,149.82 |
| 3/4 |       | 3/4 | 5,060.37 | 3/4 | 4,697.43 | 3/4 | 4,333.44 | 3/4 | 3,968.32 | 3/4 | 3,603.21 | 3/4 | 3,238.09 | 3/4 | 2,872.94 | 3/4 | 2,507.57 | 3/4 | 2,142.20 |
| 5   |       | 5   | 5,052.81 | 5   | 4,689.87 | 5   | 4,325.83 | 5   | 3,960.72 | 5   | 3,595.60 | 5   | 3,230.48 | 5   | 2,865.33 | 5   | 2,499.96 | 5   | 2,134.59 |
| 1/4 |       | 1/4 | 5,045.25 | 1/4 | 4,682.30 | 1/4 | 4,318.23 | 1/4 | 3,953.11 | 1/4 | 3,587.99 | 1/4 | 3,222.88 | 1/4 | 2,857.71 | 1/4 | 2,492.35 | 1/4 | 2,126.98 |
| 1/2 |       | 1/2 | 5,037.69 | 1/2 | 4,674.74 | 1/2 | 4,310.62 | 1/2 | 3,945.50 | 1/2 | 3,580.39 | 1/2 | 3,215.27 | 1/2 | 2,850.10 | 1/2 | 2,484.74 | 1/2 | 2,119.37 |
| 3/4 |       | 3/4 | 5,030.13 | 3/4 | 4,667.18 | 3/4 | 4,303.01 | 3/4 | 3,937.90 | 3/4 | 3,572.78 | 3/4 | 3,207.66 | 3/4 | 2,842.49 | 3/4 | 2,477.12 | 3/4 | 2,111.76 |
| 6   |       | 6   | 5,022.57 | 6   | 4,659.62 | 6   | 4,295.41 | 6   | 3,930.29 | 6   | 3,565.17 | 6   | 3,200.06 | 6   | 2,834.88 | 6   | 2,469.51 | 6   | 2,104.15 |
| 1/4 |       | 1/4 | 5,015.01 | 1/4 | 4,652.06 | 1/4 | 4,287.80 | 1/4 | 3,922.68 | 1/4 | 3,557.57 | 1/4 | 3,192.45 | 1/4 | 2,827.27 | 1/4 | 2,461.90 | 1/4 | 2,096.53 |
| 1/2 |       | 1/2 | 5,007.44 | 1/2 | 4,644.50 | 1/2 | 4,280.19 | 1/2 | 3,915.08 | 1/2 | 3,549.96 | 1/2 | 3,184.84 | 1/2 | 2,819.65 | 1/2 | 2,454.29 | 1/2 | 2,088.92 |
| 3/4 |       | 3/4 | 4,999.88 | 3/4 | 4,636.94 | 3/4 | 4,272.59 | 3/4 | 3,907.47 | 3/4 | 3,542.35 | 3/4 | 3,177.24 | 3/4 | 2,812.04 | 3/4 | 2,446.68 | 3/4 | 2,081.31 |
| 7   |       | 7   | 4,992.32 | 7   | 4,629.37 | 7   | 4,264.98 | 7   | 3,899.86 | 7   | 3,537.75 | 7   | 3,169.63 | 7   | 2,804.43 | 7   | 2,439.06 | 7   | 2,073.70 |
| 1/4 |       | 1/4 | 4,984.76 | 1/4 | 4,621.81 | 1/4 | 4,257.37 | 1/4 | 3,892.26 | 1/4 | 3,527.14 | 1/4 | 3,162.02 | 1/4 | 2,796.82 | 1/4 | 2,431.45 | 1/4 | 2,066.09 |
| 1/2 |       | 1/2 | 4,977.20 | 1/2 | 4,614.25 | 1/2 | 4,249.77 | 1/2 | 3,884.65 | 1/2 | 3,519.53 | 1/2 | 3,154.42 | 1/2 | 2,789.21 | 1/2 | 2,423.84 | 1/2 | 2,058.47 |
| 3/4 |       | 3/4 | 4,969.64 | 3/4 | 4,606.69 | 3/4 | 4,242.16 | 3/4 | 3,877.04 | 3/4 | 3,511.93 | 3/4 | 3,146.81 | 3/4 | 2,781.60 | 3/4 | 2,416.23 | 3/4 | 2,050.86 |
| 8   |       | 8   | 4,962.08 | 8   | 4,599.13 | 8   | 4,234.55 | 8   | 3,869.44 | 8   | 3,504.32 | 8   | 3,139.20 | 8   | 2,773.98 | 8   | 2,408.62 | 8   | 2,043.25 |
| 1/4 |       | 1/4 | 4,954.51 | 1/4 | 4,591.57 | 1/4 | 4,226.95 | 1/4 | 3,861.83 | 1/4 | 3,496.71 | 1/4 | 3,131.60 | 1/4 | 2,766.37 | 1/4 | 2,401.01 | 1/4 | 2,035.64 |
| 1/2 |       | 1/2 | 4,946.95 | 1/2 | 4,584.01 | 1/2 | 4,219.34 | 1/2 | 3,854.22 | 1/2 | 3,489.11 | 1/2 | 3,123.99 | 1/2 | 2,758.76 | 1/2 | 2,393.39 | 1/2 | 2,028.03 |
| 3/4 |       | 3/4 | 4,939.39 | 3/4 | 4,576.44 | 3/4 | 4,211.73 | 3/4 | 3,846.62 | 3/4 | 3,481.50 | 3/4 | 3,116.38 | 3/4 | 2,751.15 | 3/4 | 2,385.78 | 3/4 | 2,020.42 |
| 9   |       | 9   | 4,931.83 | 9   | 4,568.88 | 9   | 4,204.13 | 9   | 3,839.01 | 9   | 3,473.89 | 9   | 3,108.78 | 9   | 2,743.54 | 9   | 2,378.17 | 9   | 2,012.80 |
| 1/4 |       | 1/4 | 4,924.27 | 1/4 | 4,561.32 | 1/4 | 4,196.52 | 1/4 | 3,831.40 | 1/4 | 3,466.29 | 1/4 | 3,101.17 | 1/4 | 2,735.92 | 1/4 | 2,370.56 | 1/4 | 2,005.19 |
| 1/2 |       | 1/2 | 4,916.71 | 1/2 | 4,553.76 | 1/2 | 4,188.92 | 1/2 | 3,823.80 | 1/2 | 3,458.68 | 1/2 | 3,093.56 | 1/2 | 2,728.31 | 1/2 | 2,362.95 | 1/2 | 1,997.58 |
| 3/4 |       | 3/4 | 4,909.15 | 3/4 | 4,546.20 | 3/4 | 4,181.31 | 3/4 | 3,816.19 | 3/4 | 3,451.07 | 3/4 | 3,085.96 | 3/4 | 2,720.70 | 3/4 | 2,355.33 | 3/4 | 1,989.97 |
| 10  |       | 10  | 4,901.59 | 10  | 4,538.64 | 10  | 4,173.70 | 10  | 3,808.59 | 10  | 3,443.47 | 10  | 3,078.35 | 10  | 2,713.09 | 10  | 2,347.72 | 10  | 1,982.36 |
| 1/4 |       | 1/4 | 4,894.02 | 1/4 | 4,531.08 | 1/4 | 4,166.10 | 1/4 | 3,800.98 | 1/4 | 3,435.86 | 1/4 | 3,070.74 | 1/4 | 2,705.48 | 1/4 | 2,340.11 | 1/4 | 1,974.74 |
| 1/2 |       | 1/2 | 4,886.46 | 1/2 | 4,523.52 | 1/2 | 4,158.49 | 1/2 | 3,793.37 | 1/2 | 3,428.26 | 1/2 | 3,063.14 | 1/2 | 2,697.87 | 1/2 | 2,332.50 | 1/2 | 1,967.13 |
| 3/4 |       | 3/4 | 4,878.90 | 3/4 | 4,515.95 | 3/4 | 4,150.88 | 3/4 | 3,785.77 | 3/4 | 3,420.65 | 3/4 | 3,055.53 | 3/4 | 2,690.25 | 3/4 | 2,324.89 | 3/4 | 1,959.52 |
| 11  |       | 11  | 4,871.34 | 11  | 4,508.39 | 11  | 4,143.28 | 11  | 3,778.16 | 11  | 3,413.04 | 11  | 3,047.93 | 11  | 2,682.64 | 11  | 2,317.28 | 11  | 1,951.91 |
| 1/4 |       | 1/4 | 4,863.78 | 1/4 | 4,500.79 | 1/4 | 4,135.67 | 1/4 | 3,770.55 | 1/4 | 3,405.44 | 1/4 | 3,040.32 | 1/4 | 2,675.03 | 1/4 | 2,309.66 | 1/4 | 1,944.30 |
| 1/2 |       | 1/2 | 4,856.22 | 1/2 | 4,493.18 | 1/2 | 4,128.06 | 1/2 | 3,762.95 | 1/2 | 3,397.83 | 1/2 | 3,032.71 | 1/2 | 2,667.42 | 1/2 | 2,302.05 | 1/2 | 1,936.69 |
| 3/4 |       | 3/4 | 4,848.66 | 3/4 | 4,485.57 | 3/4 | 4,120.46 | 3/4 | 3,755.34 | 3/4 | 3,390.22 | 3/4 | 3,025.11 | 3/4 | 2,659.81 | 3/4 | 2,294.44 | 3/4 | 1,929.07 |

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10' - 6" OFF CENTERLINE AND 44' - 5" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR  
DATE COMPUTED: 2/21/06 BY: DAR  
DATE ISSUED: 2/22/06



*Bill A. Ben*



# BARGE "RBT 316"

HULL NO. 4510

GAUGE HEIGHT: 16'- 5 1/2"

| 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. | IN  | 20 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,921.46 | 0   | 1,556.34 | 0   | 1,190.96 | 0   | 825.87 | 0   | 464.81 | 0   | 133.30 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,913.85 | 1/4 | 1,548.73 | 1/4 | 1,183.35 | 1/4 | 818.26 | 1/4 | 457.67 | 1/4 | 127.20 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,906.24 | 1/2 | 1,541.11 | 1/2 | 1,175.74 | 1/2 | 810.66 | 1/2 | 450.53 | 1/2 | 121.10 | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,898.63 | 3/4 | 1,533.50 | 3/4 | 1,168.13 | 3/4 | 803.05 | 3/4 | 443.39 | 3/4 | 115.00 | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 1   | 1,891.01 | 1   | 1,525.89 | 1   | 1,160.52 | 1   | 795.45 | 1   | 436.25 | 1   | 108.90 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,883.40 | 1/4 | 1,518.28 | 1/4 | 1,152.92 | 1/4 | 787.84 | 1/4 | 429.20 | 1/4 | 102.89 | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,875.79 | 1/2 | 1,510.67 | 1/2 | 1,145.31 | 1/2 | 780.23 | 1/2 | 422.15 | 1/2 | 96.88  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,868.18 | 3/4 | 1,503.05 | 3/4 | 1,137.70 | 3/4 | 772.62 | 3/4 | 415.10 | 3/4 | 90.86  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 2   | 1,860.57 | 2   | 1,495.44 | 2   | 1,130.10 | 2   | 765.01 | 2   | 408.04 | 2   | 84.85  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,852.96 | 1/4 | 1,487.83 | 1/4 | 1,122.49 | 1/4 | 757.40 | 1/4 | 400.79 | 1/4 | 78.92  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,845.35 | 1/2 | 1,480.22 | 1/2 | 1,114.89 | 1/2 | 749.79 | 1/2 | 393.53 | 1/2 | 73.00  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,837.75 | 3/4 | 1,472.61 | 3/4 | 1,107.28 | 3/4 | 742.18 | 3/4 | 386.28 | 3/4 | 67.07  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 3   | 1,830.14 | 3   | 1,464.99 | 3   | 1,099.67 | 3   | 734.57 | 3   | 379.02 | 3   | 61.15  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,822.53 | 1/4 | 1,457.38 | 1/4 | 1,092.07 | 1/4 | 726.96 | 1/4 | 371.80 | 1/4 | 55.25  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,814.93 | 1/2 | 1,449.77 | 1/2 | 1,084.46 | 1/2 | 719.35 | 1/2 | 364.58 | 1/2 | 49.36  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,807.32 | 3/4 | 1,442.16 | 3/4 | 1,076.86 | 3/4 | 711.74 | 3/4 | 357.36 | 3/4 | 43.46  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 4   | 1,799.71 | 4   | 1,434.55 | 4   | 1,069.25 | 4   | 704.12 | 4   | 350.13 | 4   | 37.57  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,792.11 | 1/4 | 1,426.93 | 1/4 | 1,061.64 | 1/4 | 696.51 | 1/4 | 343.00 | 1/4 | 32.45  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,784.50 | 1/2 | 1,419.32 | 1/2 | 1,054.04 | 1/2 | 688.90 | 1/2 | 335.86 | 1/2 | 27.34  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,776.89 | 3/4 | 1,411.71 | 3/4 | 1,046.43 | 3/4 | 681.29 | 3/4 | 328.73 | 3/4 | 22.22  | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 5   | 1,769.29 | 5   | 1,404.10 | 5   | 1,038.83 | 5   | 673.67 | 5   | 321.59 | 5   | 17.11  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,761.70 | 1/4 | 1,396.49 | 1/4 | 1,031.22 | 1/4 | 666.06 | 1/4 | 314.54 | 1/4 | 14.04  | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,754.11 | 1/2 | 1,388.87 | 1/2 | 1,023.61 | 1/2 | 658.45 | 1/2 | 307.49 | 1/2 | 10.97  | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,746.51 | 3/4 | 1,381.26 | 3/4 | 1,016.01 | 3/4 | 650.84 | 3/4 | 300.44 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 6   | 1,738.92 | 6   | 1,373.65 | 6   | 1,008.40 | 6   | 643.22 | 6   | 293.39 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,731.33 | 1/4 | 1,366.04 | 1/4 | 1,000.80 | 1/4 | 635.61 | 1/4 | 286.43 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,723.74 | 1/2 | 1,358.42 | 1/2 | 993.19   | 1/2 | 628.00 | 1/2 | 279.47 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,716.15 | 3/4 | 1,350.81 | 3/4 | 985.58   | 3/4 | 620.39 | 3/4 | 272.51 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 7   | 1,708.56 | 7   | 1,343.20 | 7   | 977.98   | 7   | 612.77 | 7   | 265.54 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,700.95 | 1/4 | 1,335.59 | 1/4 | 970.37   | 1/4 | 605.16 | 1/4 | 258.67 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,693.34 | 1/2 | 1,327.97 | 1/2 | 962.77   | 1/2 | 597.55 | 1/2 | 251.79 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,685.74 | 3/4 | 1,320.36 | 3/4 | 955.16   | 3/4 | 589.94 | 3/4 | 244.92 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 8   | 1,678.13 | 8   | 1,312.75 | 8   | 947.55   | 8   | 582.32 | 8   | 238.04 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,670.52 | 1/4 | 1,305.14 | 1/4 | 939.95   | 1/4 | 574.71 | 1/4 | 231.25 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,662.91 | 1/2 | 1,297.53 | 1/2 | 932.34   | 1/2 | 567.10 | 1/2 | 224.46 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,655.29 | 3/4 | 1,289.91 | 3/4 | 924.74   | 3/4 | 559.49 | 3/4 | 217.67 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 9   | 1,647.68 | 9   | 1,282.30 | 9   | 917.13   | 9   | 551.87 | 9   | 210.89 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,640.07 | 1/4 | 1,274.69 | 1/4 | 909.52   | 1/4 | 544.61 | 1/4 | 204.24 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,632.46 | 1/2 | 1,267.08 | 1/2 | 901.92   | 1/2 | 537.34 | 1/2 | 197.59 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,624.85 | 3/4 | 1,259.46 | 3/4 | 894.31   | 3/4 | 530.07 | 3/4 | 190.94 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 10  | 1,617.23 | 10  | 1,251.85 | 10  | 886.71   | 10  | 522.80 | 10  | 184.29 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,609.62 | 1/4 | 1,244.24 | 1/4 | 879.10   | 1/4 | 515.53 | 1/4 | 177.73 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,602.01 | 1/2 | 1,236.63 | 1/2 | 871.50   | 1/2 | 508.26 | 1/2 | 171.17 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,594.40 | 3/4 | 1,229.01 | 3/4 | 863.89   | 3/4 | 500.99 | 3/4 | 164.61 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |
| 11  | 1,586.79 | 11  | 1,221.39 | 11  | 856.29   | 11  | 493.72 | 11  | 158.04 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,579.17 | 1/4 | 1,213.79 | 1/4 | 848.68   | 1/4 | 486.49 | 1/4 | 151.86 | 1/4 |        | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    | 1/4 | 1/4    |
| 1/2 | 1,571.56 | 1/2 | 1,206.18 | 1/2 | 841.08   | 1/2 | 479.27 | 1/2 | 145.67 | 1/2 |        | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    | 1/2 | 1/2    |
| 3/4 | 1,563.95 | 3/4 | 1,198.57 | 3/4 | 833.47   | 3/4 | 472.04 | 3/4 | 139.49 | 3/4 |        | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    | 3/4 | 3/4    |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR  
DATE COMPUTED: 2/21/06 BY: DAR  
DATE ISSUED: 2/22/06



*Bill A. Ben*



# BARGE "RBT 316"

HULL NO. 4510

# 1 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 1/2"

| 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.    | IN  | 10 FT.   |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |          | 0   | 5,222.39 | 0   | 4,888.23 | 0   | 4,493.82 | 0   | 4,127.43 | 0   | 3,761.03 | 0   | 3,394.64 | 0   | 3,028.25 | 0   | 2,661.67 | 0   | 2,295.02 |
| 1/4 | 5,214.80 | 1/4 | 4,880.64 | 1/4 | 4,486.19 | 1/4 | 4,081.63 | 1/4 | 3,712.16 | 1/4 | 3,356.47 | 1/4 | 3,005.35 | 1/4 | 2,654.03 | 1/4 | 2,302.61 | 1/4 | 1,951.29 |
| 1/2 | 5,207.22 | 1/2 | 4,873.05 | 1/2 | 4,478.55 | 1/2 | 4,073.99 | 1/2 | 3,707.60 | 1/2 | 3,351.74 | 1/2 | 3,000.35 | 1/2 | 2,646.39 | 1/2 | 2,297.75 | 1/2 | 1,943.66 |
| 3/4 | 5,199.64 | 3/4 | 4,865.46 | 3/4 | 4,470.92 | 3/4 | 4,066.36 | 3/4 | 3,699.97 | 3/4 | 3,341.21 | 3/4 | 3,000.35 | 3/4 | 2,638.75 | 3/4 | 2,287.38 | 3/4 | 1,936.02 |
| 1   | 5,192.06 | 1   | 4,857.87 | 1   | 4,463.29 | 1   | 4,058.73 | 1   | 3,692.33 | 1   | 3,333.57 | 1   | 3,000.35 | 1   | 2,631.11 | 1   | 2,277.11 | 1   | 1,928.93 |
| 1/4 | 5,184.47 | 1/4 | 4,850.29 | 1/4 | 4,455.65 | 1/4 | 4,051.09 | 1/4 | 3,684.70 | 1/4 | 3,325.94 | 1/4 | 3,000.35 | 1/4 | 2,626.83 | 1/4 | 2,266.47 | 1/4 | 1,921.55 |
| 1/2 | 5,176.89 | 1/2 | 4,842.70 | 1/2 | 4,448.02 | 1/2 | 4,043.46 | 1/2 | 3,672.07 | 1/2 | 3,318.31 | 1/2 | 3,000.35 | 1/2 | 2,621.88 | 1/2 | 2,261.88 | 1/2 | 1,916.02 |
| 3/4 | 5,169.31 | 3/4 | 4,835.12 | 3/4 | 4,440.39 | 3/4 | 4,035.83 | 3/4 | 3,664.17 | 3/4 | 3,310.67 | 3/4 | 3,000.35 | 3/4 | 2,617.43 | 3/4 | 2,257.43 | 3/4 | 1,911.55 |
| 2   | 5,161.72 | 2   | 4,827.52 | 2   | 4,432.75 | 2   | 4,028.20 | 2   | 3,654.17 | 2   | 3,303.04 | 2   | 3,000.35 | 2   | 2,612.98 | 2   | 2,252.98 | 2   | 1,906.57 |
| 1/4 | 5,154.14 | 1/4 | 4,819.92 | 1/4 | 4,425.12 | 1/4 | 4,020.56 | 1/4 | 3,646.54 | 1/4 | 3,295.41 | 1/4 | 3,000.35 | 1/4 | 2,608.08 | 1/4 | 2,248.08 | 1/4 | 1,901.10 |
| 1/2 | 5,146.56 | 1/2 | 4,812.35 | 1/2 | 4,417.55 | 1/2 | 4,015.99 | 1/2 | 3,638.90 | 1/2 | 3,287.77 | 1/2 | 3,000.35 | 1/2 | 2,603.63 | 1/2 | 2,243.63 | 1/2 | 1,896.63 |
| 3/4 | 5,138.98 | 3/4 | 4,804.76 | 3/4 | 4,409.86 | 3/4 | 4,008.46 | 3/4 | 3,631.27 | 3/4 | 3,280.14 | 3/4 | 3,000.35 | 3/4 | 2,600.00 | 3/4 | 2,239.00 | 3/4 | 1,892.10 |
| 3   | 5,131.39 | 3   | 4,797.17 | 3   | 4,402.22 | 3   | 4,003.83 | 3   | 3,623.64 | 3   | 3,272.51 | 3   | 3,000.35 | 3   | 2,595.55 | 3   | 2,234.55 | 3   | 1,887.65 |
| 1/4 | 5,123.81 | 1/4 | 4,789.58 | 1/4 | 4,394.59 | 1/4 | 4,000.35 | 1/4 | 3,616.00 | 1/4 | 3,264.88 | 1/4 | 3,000.35 | 1/4 | 2,591.00 | 1/4 | 2,230.00 | 1/4 | 1,883.20 |
| 1/2 | 5,116.22 | 1/2 | 4,781.99 | 1/2 | 4,386.96 | 1/2 | 4,000.35 | 1/2 | 3,608.37 | 1/2 | 3,257.24 | 1/2 | 3,000.35 | 1/2 | 2,586.45 | 1/2 | 2,225.45 | 1/2 | 1,878.75 |
| 3/4 | 5,108.63 | 3/4 | 4,774.41 | 3/4 | 4,379.32 | 3/4 | 4,000.35 | 3/4 | 3,600.74 | 3/4 | 3,249.61 | 3/4 | 3,000.35 | 3/4 | 2,581.90 | 3/4 | 2,220.90 | 3/4 | 1,874.30 |
| 4   | 5,101.04 | 4   | 4,766.82 | 4   | 4,371.69 | 4   | 4,000.35 | 4   | 3,600.35 | 4   | 3,241.98 | 4   | 3,000.35 | 4   | 2,577.35 | 4   | 2,216.35 | 4   | 1,869.85 |
| 1/4 | 5,093.45 | 1/4 | 4,759.23 | 1/4 | 4,364.06 | 1/4 | 3,997.66 | 1/4 | 3,600.35 | 1/4 | 3,234.34 | 1/4 | 3,000.35 | 1/4 | 2,572.80 | 1/4 | 2,211.80 | 1/4 | 1,865.40 |
| 1/2 | 5,085.87 | 1/2 | 4,751.64 | 1/2 | 4,356.42 | 1/2 | 3,990.03 | 1/2 | 3,600.35 | 1/2 | 3,226.71 | 1/2 | 3,000.35 | 1/2 | 2,568.25 | 1/2 | 2,207.25 | 1/2 | 1,860.95 |
| 3/4 | 5,078.28 | 3/4 | 4,744.05 | 3/4 | 4,348.79 | 3/4 | 3,982.40 | 3/4 | 3,600.35 | 3/4 | 3,219.08 | 3/4 | 3,000.35 | 3/4 | 2,563.70 | 3/4 | 2,202.70 | 3/4 | 1,856.50 |
| 5   | 5,070.69 | 5   | 4,736.46 | 5   | 4,341.16 | 5   | 3,974.76 | 5   | 3,600.35 | 5   | 3,211.44 | 5   | 3,000.35 | 5   | 2,559.15 | 5   | 2,198.15 | 5   | 1,852.05 |
| 1/4 | 5,063.10 | 1/4 | 4,728.87 | 1/4 | 4,333.52 | 1/4 | 3,967.13 | 1/4 | 3,600.35 | 1/4 | 3,203.81 | 1/4 | 3,000.35 | 1/4 | 2,554.60 | 1/4 | 2,193.60 | 1/4 | 1,847.60 |
| 1/2 | 5,055.51 | 1/2 | 4,721.29 | 1/2 | 4,325.89 | 1/2 | 3,959.50 | 1/2 | 3,600.35 | 1/2 | 3,196.18 | 1/2 | 3,000.35 | 1/2 | 2,550.05 | 1/2 | 2,189.05 | 1/2 | 1,843.15 |
| 3/4 | 5,047.93 | 3/4 | 4,713.70 | 3/4 | 4,318.26 | 3/4 | 3,951.86 | 3/4 | 3,585.47 | 3/4 | 3,188.54 | 3/4 | 3,000.35 | 3/4 | 2,545.50 | 3/4 | 2,184.50 | 3/4 | 1,838.70 |
| 6   | 5,040.34 | 6   | 4,706.11 | 6   | 4,310.62 | 6   | 3,944.23 | 6   | 3,577.84 | 6   | 3,180.91 | 6   | 3,000.35 | 6   | 2,540.95 | 6   | 2,179.95 | 6   | 1,834.25 |
| 1/4 | 5,032.75 | 1/4 | 4,698.53 | 1/4 | 4,302.99 | 1/4 | 3,936.60 | 1/4 | 3,570.20 | 1/4 | 3,173.28 | 1/4 | 3,000.35 | 1/4 | 2,536.40 | 1/4 | 2,175.40 | 1/4 | 1,830.80 |
| 1/2 | 5,025.16 | 1/2 | 4,690.94 | 1/2 | 4,295.36 | 1/2 | 3,928.97 | 1/2 | 3,562.59 | 1/2 | 3,165.64 | 1/2 | 3,000.35 | 1/2 | 2,531.85 | 1/2 | 2,170.85 | 1/2 | 1,826.35 |
| 3/4 | 5,017.57 | 3/4 | 4,683.35 | 3/4 | 4,287.72 | 3/4 | 3,921.33 | 3/4 | 3,554.94 | 3/4 | 3,158.01 | 3/4 | 3,000.35 | 3/4 | 2,527.30 | 3/4 | 2,166.30 | 3/4 | 1,821.90 |
| 7   | 5,009.99 | 7   | 4,675.76 | 7   | 4,280.09 | 7   | 3,913.70 | 7   | 3,547.30 | 7   | 3,150.38 | 7   | 3,000.35 | 7   | 2,522.75 | 7   | 2,161.75 | 7   | 1,817.45 |
| 1/4 | 5,002.40 | 1/4 | 4,668.17 | 1/4 | 4,272.46 | 1/4 | 3,906.06 | 1/4 | 3,539.67 | 1/4 | 3,142.74 | 1/4 | 3,000.35 | 1/4 | 2,518.20 | 1/4 | 2,157.20 | 1/4 | 1,813.00 |
| 1/2 | 4,994.81 | 1/2 | 4,660.59 | 1/2 | 4,264.82 | 1/2 | 3,898.43 | 1/2 | 3,532.04 | 1/2 | 3,135.11 | 1/2 | 3,000.35 | 1/2 | 2,513.65 | 1/2 | 2,152.65 | 1/2 | 1,808.55 |
| 3/4 | 4,987.22 | 3/4 | 4,653.00 | 3/4 | 4,257.19 | 3/4 | 3,890.80 | 3/4 | 3,524.40 | 3/4 | 3,127.48 | 3/4 | 3,000.35 | 3/4 | 2,509.10 | 3/4 | 2,148.10 | 3/4 | 1,804.10 |
| 8   | 4,979.63 | 8   | 4,645.41 | 8   | 4,249.56 | 8   | 3,883.16 | 8   | 3,516.77 | 8   | 3,119.84 | 8   | 3,000.35 | 8   | 2,504.55 | 8   | 2,143.55 | 8   | 1,800.00 |
| 1/4 | 4,972.05 | 1/4 | 4,637.82 | 1/4 | 4,241.92 | 1/4 | 3,875.53 | 1/4 | 3,509.14 | 1/4 | 3,112.21 | 1/4 | 3,000.35 | 1/4 | 2,500.00 | 1/4 | 2,139.00 | 1/4 | 1,795.55 |
| 1/2 | 4,964.46 | 1/2 | 4,630.23 | 1/2 | 4,234.29 | 1/2 | 3,867.90 | 1/2 | 3,501.50 | 1/2 | 3,104.58 | 1/2 | 3,000.35 | 1/2 | 2,495.45 | 1/2 | 2,134.45 | 1/2 | 1,791.00 |
| 3/4 | 4,956.87 | 3/4 | 4,622.65 | 3/4 | 4,226.66 | 3/4 | 3,860.26 | 3/4 | 3,493.87 | 3/4 | 3,096.94 | 3/4 | 3,000.35 | 3/4 | 2,490.90 | 3/4 | 2,129.90 | 3/4 | 1,786.55 |
| 9   | 4,949.28 | 9   | 4,615.06 | 9   | 4,219.03 | 9   | 3,852.63 | 9   | 3,486.24 | 9   | 3,089.31 | 9   | 3,000.35 | 9   | 2,486.35 | 9   | 2,125.35 | 9   | 1,782.00 |
| 1/4 | 4,941.69 | 1/4 | 4,607.47 | 1/4 | 4,211.39 | 1/4 | 3,845.00 | 1/4 | 3,478.60 | 1/4 | 3,081.68 | 1/4 | 3,000.35 | 1/4 | 2,481.80 | 1/4 | 2,120.80 | 1/4 | 1,777.55 |
| 1/2 | 4,934.11 | 1/2 | 4,599.88 | 1/2 | 4,203.76 | 1/2 | 3,837.37 | 1/2 | 3,470.97 | 1/2 | 3,074.05 | 1/2 | 3,000.35 | 1/2 | 2,477.25 | 1/2 | 2,116.25 | 1/2 | 1,773.00 |
| 3/4 | 4,926.52 | 3/4 | 4,592.29 | 3/4 | 4,196.13 | 3/4 | 3,829.73 | 3/4 | 3,463.34 | 3/4 | 3,066.41 | 3/4 | 3,000.35 | 3/4 | 2,472.70 | 3/4 | 2,111.70 | 3/4 | 1,768.55 |
| 10  | 4,918.93 | 10  | 4,584.70 | 10  | 4,188.49 | 10  | 3,822.10 | 10  | 3,455.71 | 10  | 3,058.78 | 10  | 3,000.35 | 10  | 2,468.15 | 10  | 2,107.15 | 10  | 1,764.00 |
| 1/4 | 4,911.34 | 1/4 | 4,577.12 | 1/4 | 4,180.86 | 1/4 | 3,814.47 | 1/4 | 3,448.07 | 1/4 | 3,051.15 | 1/4 | 3,000.35 | 1/4 | 2,463.60 | 1/4 | 2,102.60 | 1/4 | 1,759.55 |
| 1/2 | 4,903.75 | 1/2 | 4,569.53 | 1/2 | 4,173.23 | 1/2 | 3,806.83 | 1/2 | 3,440.44 | 1/2 | 3,043.51 | 1/2 | 3,000.35 | 1/2 | 2,459.05 | 1/2 | 2,100.00 | 1/2 | 1,755.00 |
| 3/4 | 4,896.17 | 3/4 | 4,561.94 | 3/4 | 4,165.59 | 3/4 | 3,799.20 | 3/4 | 3,432.81 | 3/4 | 3,035.88 | 3/4 | 3,000.35 | 3/4 | 2,454.50 | 3/4 | 2,095.45 | 3/4 | 1,750.55 |
| 11  | 4,888.58 | 11  | 4,554.35 | 11  | 4,157.96 | 11  | 3,791.57 | 11  | 3,425.17 | 11  | 3,028.25 | 11  | 3,000.35 | 11  | 2,450.00 | 11  | 2,090.90 | 11  | 1,746.00 |
| 1/4 | 4,880.99 | 1/4 | 4,546.76 | 1/4 | 4,150.33 | 1/4 | 3,783.93 | 1/4 | 3,417.54 | 1/4 | 3,020.61 | 1/4 | 3,000.35 | 1/4 | 2,445.45 | 1/4 | 2,086.35 | 1/4 | 1,741.55 |
| 1/2 | 4,873.40 | 1/2 | 4,539.17 | 1/2 | 4,142.69 | 1/2 | 3,776.30 | 1/2 | 3,409.91 | 1/2 | 3,013.00 | 1/2 | 3,000.35 | 1/2 | 2,440.90 | 1/2 | 2,081.80 | 1/2 | 1,737.00 |
| 3/4 | 4,865.81 | 3/4 | 4,531.58 | 3/4 | 4,135.06 | 3/4 | 3,768.67 | 3/4 | 3,402.27 | 3/4 | 3,005.25 | 3/4 | 3,000.35 | 3/4 | 2,436.35 | 3/4 | 2,077.25 | 3/4 | 1,732.55 |

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'- 0" OFF CENTERLINE AND 44'- 5" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Paul A. Bar*





# BARGE "RBT 316"

HULL NO. 4510

GAUGE HEIGHT: 16'- 5 1/2"

| 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. | IN  | 20 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,928.38 | 0   | 1,561.98 | 0   | 1,195.31 | 0   | 828.83 | 0   | 466.47 | 0   | 133.78 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,920.74 | 1/4 | 1,554.34 | 1/4 | 1,187.68 | 1/4 | 821.19 | 1/4 | 459.30 | 1/4 | 127.66 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,913.10 | 1/2 | 1,546.70 | 1/2 | 1,180.04 | 1/2 | 813.56 | 1/2 | 452.14 | 1/2 | 121.54 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,905.46 | 3/4 | 1,539.06 | 3/4 | 1,172.40 | 3/4 | 805.93 | 3/4 | 444.97 | 3/4 | 115.41 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,897.83 | 1   | 1,531.42 | 1   | 1,164.76 | 1   | 798.29 | 1   | 437.81 | 1   | 109.29 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,890.19 | 1/4 | 1,523.79 | 1/4 | 1,157.12 | 1/4 | 790.65 | 1/4 | 430.73 | 1/4 | 103.26 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,882.55 | 1/2 | 1,516.15 | 1/2 | 1,149.49 | 1/2 | 783.02 | 1/2 | 423.65 | 1/2 | 97.22  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,874.91 | 3/4 | 1,508.51 | 3/4 | 1,141.85 | 3/4 | 775.38 | 3/4 | 416.57 | 3/4 | 91.19  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,867.27 | 2   | 1,500.87 | 2   | 1,134.22 | 2   | 767.74 | 2   | 409.49 | 2   | 85.15  | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,859.64 | 1/4 | 1,493.23 | 1/4 | 1,126.58 | 1/4 | 760.10 | 1/4 | 402.21 | 1/4 | 79.20  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,852.01 | 1/2 | 1,485.59 | 1/2 | 1,118.95 | 1/2 | 752.46 | 1/2 | 394.93 | 1/2 | 73.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,844.37 | 3/4 | 1,477.95 | 3/4 | 1,111.31 | 3/4 | 744.82 | 3/4 | 387.65 | 3/4 | 67.31  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,836.74 | 3   | 1,470.32 | 3   | 1,103.68 | 3   | 737.19 | 3   | 380.37 | 3   | 61.36  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,829.11 | 1/4 | 1,462.68 | 1/4 | 1,096.04 | 1/4 | 729.55 | 1/4 | 373.12 | 1/4 | 55.44  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,821.47 | 1/2 | 1,455.04 | 1/2 | 1,088.41 | 1/2 | 721.91 | 1/2 | 365.87 | 1/2 | 49.53  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,813.84 | 3/4 | 1,447.40 | 3/4 | 1,080.77 | 3/4 | 714.27 | 3/4 | 358.63 | 3/4 | 43.61  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,806.21 | 4   | 1,439.76 | 4   | 1,073.14 | 4   | 706.63 | 4   | 351.38 | 4   | 37.70  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,798.57 | 1/4 | 1,432.12 | 1/4 | 1,065.50 | 1/4 | 698.99 | 1/4 | 344.22 | 1/4 | 32.57  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,790.94 | 1/2 | 1,424.48 | 1/2 | 1,057.87 | 1/2 | 691.35 | 1/2 | 337.06 | 1/2 | 27.43  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,783.31 | 3/4 | 1,416.85 | 3/4 | 1,050.23 | 3/4 | 683.71 | 3/4 | 329.90 | 3/4 | 22.30  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,775.67 | 5   | 1,409.21 | 5   | 1,042.60 | 5   | 676.07 | 5   | 322.74 | 5   | 17.16  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,768.06 | 1/4 | 1,401.57 | 1/4 | 1,034.96 | 1/4 | 668.44 | 1/4 | 315.66 | 1/4 | 14.08  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,760.44 | 1/2 | 1,393.93 | 1/2 | 1,027.33 | 1/2 | 660.80 | 1/2 | 308.59 | 1/2 | 11.00  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,752.82 | 3/4 | 1,386.29 | 3/4 | 1,019.69 | 3/4 | 653.16 | 3/4 | 301.51 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,745.20 | 6   | 1,378.65 | 6   | 1,012.06 | 6   | 645.52 | 6   | 294.44 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,737.58 | 1/4 | 1,371.01 | 1/4 | 1,004.42 | 1/4 | 637.88 | 1/4 | 287.45 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,729.97 | 1/2 | 1,363.37 | 1/2 | 996.79   | 1/2 | 630.24 | 1/2 | 280.47 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,722.35 | 3/4 | 1,355.73 | 3/4 | 989.15   | 3/4 | 622.60 | 3/4 | 273.48 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,714.73 | 7   | 1,348.09 | 7   | 981.52   | 7   | 614.96 | 7   | 266.49 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,707.10 | 1/4 | 1,340.46 | 1/4 | 973.88   | 1/4 | 607.32 | 1/4 | 259.59 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,699.46 | 1/2 | 1,332.82 | 1/2 | 966.25   | 1/2 | 599.68 | 1/2 | 252.69 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,691.83 | 3/4 | 1,325.18 | 3/4 | 958.61   | 3/4 | 592.05 | 3/4 | 245.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,684.20 | 8   | 1,317.54 | 8   | 950.98   | 8   | 584.41 | 8   | 238.90 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,676.56 | 1/4 | 1,309.90 | 1/4 | 943.34   | 1/4 | 576.77 | 1/4 | 232.08 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,668.92 | 1/2 | 1,302.26 | 1/2 | 935.71   | 1/2 | 569.13 | 1/2 | 225.27 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,661.28 | 3/4 | 1,294.62 | 3/4 | 928.07   | 3/4 | 561.49 | 3/4 | 218.46 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,653.64 | 9   | 1,286.98 | 9   | 920.44   | 9   | 553.85 | 9   | 211.64 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,646.00 | 1/4 | 1,279.34 | 1/4 | 912.80   | 1/4 | 546.55 | 1/4 | 204.97 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,638.36 | 1/2 | 1,271.70 | 1/2 | 905.17   | 1/2 | 539.26 | 1/2 | 198.30 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,630.73 | 3/4 | 1,264.07 | 3/4 | 897.54   | 3/4 | 531.96 | 3/4 | 191.63 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,623.09 | 10  | 1,256.43 | 10  | 889.90   | 10  | 524.67 | 10  | 184.96 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,615.45 | 1/4 | 1,248.79 | 1/4 | 882.27   | 1/4 | 517.37 | 1/4 | 178.37 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,607.81 | 1/2 | 1,241.15 | 1/2 | 874.63   | 1/2 | 510.07 | 1/2 | 171.79 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,600.17 | 3/4 | 1,233.51 | 3/4 | 867.00   | 3/4 | 502.78 | 3/4 | 165.20 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,592.53 | 11  | 1,225.87 | 11  | 859.37   | 11  | 495.48 | 11  | 158.62 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,584.89 | 1/4 | 1,218.23 | 1/4 | 851.73   | 1/4 | 488.23 | 1/4 | 152.41 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,577.26 | 1/2 | 1,210.59 | 1/2 | 844.10   | 1/2 | 480.97 | 1/2 | 146.20 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,569.62 | 3/4 | 1,202.95 | 3/4 | 836.46   | 3/4 | 473.72 | 3/4 | 139.99 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Bill A. Rose*



# BARGE "RBT 316"

HULL NO. 4510

## 2 PORT ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 7/8"

| 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.    | IN  | 10 FT.   |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   | 4,967.32 | 0   | 4,625.54 | 0   | 4,283.55 | 0   | 3,939.54 | 0   | 3,595.53 | 0   | 3,251.53 | 0   | 2,907.52 | 0   | 2,563.34 | 0   | 2,219.08 |
| 1/4 |       | 1/4 | 4,960.21 | 1/4 | 4,618.42 | 1/4 | 4,276.38 | 1/4 | 3,932.37 | 1/4 | 3,588.37 | 1/4 | 3,244.36 | 1/4 | 2,900.35 | 1/4 | 2,556.16 | 1/4 | 2,211.91 |
| 1/2 |       | 1/2 | 4,953.09 | 1/2 | 4,611.30 | 1/2 | 4,269.21 | 1/2 | 3,925.21 | 1/2 | 3,581.20 | 1/2 | 3,237.19 | 1/2 | 2,893.19 | 1/2 | 2,548.99 | 1/2 | 2,204.74 |
| 3/4 |       | 3/4 | 4,945.98 | 3/4 | 4,604.17 | 3/4 | 4,262.05 | 3/4 | 3,918.04 | 3/4 | 3,574.03 | 3/4 | 3,230.03 | 3/4 | 2,886.02 | 3/4 | 2,541.82 | 3/4 | 2,197.56 |
| 1   |       | 1   | 4,938.86 | 1   | 4,597.05 | 1   | 4,254.88 | 1   | 3,910.87 | 1   | 3,566.87 | 1   | 3,222.86 | 1   | 2,878.85 | 1   | 2,534.65 | 1   | 2,190.39 |
| 1/4 |       | 1/4 | 4,931.75 | 1/4 | 4,589.93 | 1/4 | 4,247.71 | 1/4 | 3,903.71 | 1/4 | 3,559.70 | 1/4 | 3,215.69 | 1/4 | 2,871.69 | 1/4 | 2,527.48 | 1/4 | 2,183.22 |
| 1/2 |       | 1/2 | 4,924.65 | 1/2 | 4,582.81 | 1/2 | 4,240.65 | 1/2 | 3,896.54 | 1/2 | 3,552.53 | 1/2 | 3,208.53 | 1/2 | 2,864.52 | 1/2 | 2,520.30 | 1/2 | 2,176.05 |
| 3/4 |       | 3/4 | 4,917.52 | 3/4 | 4,575.68 | 3/4 | 4,233.38 | 3/4 | 3,889.37 | 3/4 | 3,545.37 | 3/4 | 3,201.36 | 3/4 | 2,857.35 | 3/4 | 2,513.13 | 3/4 | 2,168.88 |
| 2   |       | 2   | 4,910.40 | 2   | 4,568.56 | 2   | 4,226.21 | 2   | 3,882.21 | 2   | 3,538.20 | 2   | 3,194.19 | 2   | 2,850.19 | 2   | 2,505.96 | 2   | 2,161.70 |
| 1/4 |       | 1/4 | 4,903.29 | 1/4 | 4,561.44 | 1/4 | 4,219.05 | 1/4 | 3,875.04 | 1/4 | 3,531.03 | 1/4 | 3,187.03 | 1/4 | 2,843.02 | 1/4 | 2,498.79 | 1/4 | 2,154.53 |
| 1/2 |       | 1/2 | 4,896.17 | 1/2 | 4,554.32 | 1/2 | 4,211.88 | 1/2 | 3,867.87 | 1/2 | 3,523.87 | 1/2 | 3,179.86 | 1/2 | 2,835.85 | 1/2 | 2,491.62 | 1/2 | 2,147.36 |
| 3/4 |       | 3/4 | 4,889.06 | 3/4 | 4,547.19 | 3/4 | 4,204.71 | 3/4 | 3,860.71 | 3/4 | 3,516.70 | 3/4 | 3,172.69 | 3/4 | 2,828.69 | 3/4 | 2,484.44 | 3/4 | 2,140.19 |
| 3   |       | 3   | 4,881.94 | 3   | 4,540.07 | 3   | 4,197.55 | 3   | 3,853.54 | 3   | 3,509.53 | 3   | 3,165.53 | 3   | 2,821.52 | 3   | 2,477.27 | 3   | 2,133.02 |
| 1/4 |       | 1/4 | 4,874.83 | 1/4 | 4,532.95 | 1/4 | 4,190.38 | 1/4 | 3,846.37 | 1/4 | 3,502.37 | 1/4 | 3,158.36 | 1/4 | 2,814.35 | 1/4 | 2,470.10 | 1/4 | 2,125.84 |
| 1/2 |       | 1/2 | 4,867.71 | 1/2 | 4,525.83 | 1/2 | 4,183.21 | 1/2 | 3,839.21 | 1/2 | 3,495.20 | 1/2 | 3,151.19 | 1/2 | 2,807.18 | 1/2 | 2,462.93 | 1/2 | 2,118.67 |
| 3/4 |       | 3/4 | 4,860.59 | 3/4 | 4,518.70 | 3/4 | 4,176.04 | 3/4 | 3,832.04 | 3/4 | 3,488.03 | 3/4 | 3,144.03 | 3/4 | 2,800.01 | 3/4 | 2,455.76 | 3/4 | 2,111.50 |
| 4   |       | 4   | 4,853.47 | 4   | 4,511.58 | 4   | 4,168.88 | 4   | 3,824.87 | 4   | 3,480.87 | 4   | 3,136.86 | 4   | 2,792.84 | 4   | 2,448.58 | 4   | 2,104.33 |
| 1/4 |       | 1/4 | 4,846.34 | 1/4 | 4,504.46 | 1/4 | 4,161.71 | 1/4 | 3,817.70 | 1/4 | 3,473.70 | 1/4 | 3,129.69 | 1/4 | 2,785.67 | 1/4 | 2,441.41 | 1/4 | 2,097.16 |
| 1/2 |       | 1/2 | 4,839.22 | 1/2 | 4,497.34 | 1/2 | 4,154.54 | 1/2 | 3,810.54 | 1/2 | 3,466.53 | 1/2 | 3,122.53 | 1/2 | 2,778.50 | 1/2 | 2,434.24 | 1/2 | 2,089.98 |
| 3/4 |       | 3/4 | 4,832.10 | 3/4 | 4,490.21 | 3/4 | 4,147.38 | 3/4 | 3,803.37 | 3/4 | 3,459.36 | 3/4 | 3,115.36 | 3/4 | 2,771.32 | 3/4 | 2,427.07 | 3/4 | 2,082.81 |
| 5   |       | 5   | 4,824.97 | 5   | 4,483.09 | 5   | 4,140.21 | 5   | 3,796.20 | 5   | 3,452.20 | 5   | 3,108.19 | 5   | 2,764.15 | 5   | 2,419.90 | 5   | 2,075.64 |
| 1/4 |       | 1/4 | 4,817.85 | 1/4 | 4,475.97 | 1/4 | 4,133.04 | 1/4 | 3,789.04 | 1/4 | 3,445.03 | 1/4 | 3,101.02 | 1/4 | 2,756.98 | 1/4 | 2,412.72 | 1/4 | 2,068.47 |
| 1/2 |       | 1/2 | 4,810.73 | 1/2 | 4,468.84 | 1/2 | 4,125.88 | 1/2 | 3,781.87 | 1/2 | 3,437.86 | 1/2 | 3,093.86 | 1/2 | 2,749.81 | 1/2 | 2,405.55 | 1/2 | 2,061.30 |
| 3/4 |       | 3/4 | 4,803.61 | 3/4 | 4,461.72 | 3/4 | 4,118.71 | 3/4 | 3,774.70 | 3/4 | 3,430.33 | 3/4 | 3,086.69 | 3/4 | 2,742.64 | 3/4 | 2,398.38 | 3/4 | 2,054.12 |
| 6   |       | 6   | 4,796.48 | 6   | 4,454.60 | 6   | 4,111.54 | 6   | 3,767.54 | 6   | 3,423.53 | 6   | 3,079.52 | 6   | 2,735.46 | 6   | 2,391.21 | 6   | 2,046.95 |
| 1/4 |       | 1/4 | 4,789.36 | 1/4 | 4,447.48 | 1/4 | 4,104.38 | 1/4 | 3,760.37 | 1/4 | 3,416.36 | 1/4 | 3,072.36 | 1/4 | 2,728.29 | 1/4 | 2,384.04 | 1/4 | 2,039.78 |
| 1/2 |       | 1/2 | 4,782.24 | 1/2 | 4,440.35 | 1/2 | 4,097.21 | 1/2 | 3,753.20 | 1/2 | 3,409.20 | 1/2 | 3,065.19 | 1/2 | 2,721.12 | 1/2 | 2,376.86 | 1/2 | 2,032.61 |
| 3/4 |       | 3/4 | 4,775.12 | 3/4 | 4,433.23 | 3/4 | 4,090.04 | 3/4 | 3,746.04 | 3/4 | 3,402.03 | 3/4 | 3,058.02 | 3/4 | 2,713.95 | 3/4 | 2,369.69 | 3/4 | 2,025.44 |
| 7   |       | 7   | 4,767.99 | 7   | 4,426.11 | 7   | 4,082.88 | 7   | 3,738.87 | 7   | 3,394.86 | 7   | 3,050.86 | 7   | 2,706.78 | 7   | 2,362.52 | 7   | 2,018.26 |
| 1/4 |       | 1/4 | 4,760.87 | 1/4 | 4,418.99 | 1/4 | 4,075.71 | 1/4 | 3,731.70 | 1/4 | 3,387.70 | 1/4 | 3,043.69 | 1/4 | 2,699.60 | 1/4 | 2,355.35 | 1/4 | 2,011.09 |
| 1/2 |       | 1/2 | 4,753.75 | 1/2 | 4,411.86 | 1/2 | 4,068.54 | 1/2 | 3,724.54 | 1/2 | 3,380.53 | 1/2 | 3,036.52 | 1/2 | 2,692.43 | 1/2 | 2,348.18 | 1/2 | 2,003.92 |
| 3/4 |       | 3/4 | 4,746.63 | 3/4 | 4,404.74 | 3/4 | 4,061.38 | 3/4 | 3,717.37 | 3/4 | 3,373.36 | 3/4 | 3,029.36 | 3/4 | 2,685.26 | 3/4 | 2,341.00 | 3/4 | 1,996.75 |
| 8   |       | 8   | 4,739.50 | 8   | 4,397.62 | 8   | 4,054.21 | 8   | 3,710.20 | 8   | 3,366.20 | 8   | 3,022.19 | 8   | 2,678.09 | 8   | 2,333.83 | 8   | 1,989.58 |
| 1/4 |       | 1/4 | 4,732.38 | 1/4 | 4,390.50 | 1/4 | 4,047.04 | 1/4 | 3,703.04 | 1/4 | 3,359.03 | 1/4 | 3,015.02 | 1/4 | 2,670.92 | 1/4 | 2,326.66 | 1/4 | 1,982.40 |
| 1/2 |       | 1/2 | 4,725.26 | 1/2 | 4,383.37 | 1/2 | 4,039.88 | 1/2 | 3,695.87 | 1/2 | 3,351.86 | 1/2 | 3,007.86 | 1/2 | 2,663.74 | 1/2 | 2,319.49 | 1/2 | 1,975.23 |
| 3/4 |       | 3/4 | 4,718.14 | 3/4 | 4,376.25 | 3/4 | 4,032.71 | 3/4 | 3,688.70 | 3/4 | 3,344.70 | 3/4 | 3,000.69 | 3/4 | 2,656.57 | 3/4 | 2,312.32 | 3/4 | 1,968.06 |
| 9   |       | 9   | 4,711.01 | 9   | 4,369.13 | 9   | 4,025.54 | 9   | 3,681.54 | 9   | 3,337.53 | 9   | 2,993.52 | 9   | 2,649.40 | 9   | 2,305.14 | 9   | 1,960.89 |
| 1/4 |       | 1/4 | 4,703.89 | 1/4 | 4,362.01 | 1/4 | 4,018.38 | 1/4 | 3,674.37 | 1/4 | 3,330.36 | 1/4 | 2,986.36 | 1/4 | 2,642.23 | 1/4 | 2,297.97 | 1/4 | 1,953.72 |
| 1/2 |       | 1/2 | 4,696.77 | 1/2 | 4,354.88 | 1/2 | 4,011.21 | 1/2 | 3,667.20 | 1/2 | 3,323.20 | 1/2 | 2,979.19 | 1/2 | 2,635.06 | 1/2 | 2,290.80 | 1/2 | 1,946.54 |
| 3/4 |       | 3/4 | 4,689.65 | 3/4 | 4,347.76 | 3/4 | 4,004.04 | 3/4 | 3,660.04 | 3/4 | 3,316.03 | 3/4 | 2,972.02 | 3/4 | 2,627.88 | 3/4 | 2,283.63 | 3/4 | 1,939.37 |
| 10  |       | 10  | 4,682.52 | 10  | 4,340.64 | 10  | 3,996.87 | 10  | 3,652.87 | 10  | 3,308.86 | 10  | 2,964.86 | 10  | 2,620.71 | 10  | 2,276.46 | 10  | 1,932.20 |
| 1/4 |       | 1/4 | 4,675.40 | 1/4 | 4,333.52 | 1/4 | 3,989.71 | 1/4 | 3,645.70 | 1/4 | 3,301.70 | 1/4 | 2,957.69 | 1/4 | 2,613.54 | 1/4 | 2,269.28 | 1/4 | 1,925.03 |
| 1/2 |       | 1/2 | 4,668.28 | 1/2 | 4,326.39 | 1/2 | 3,982.54 | 1/2 | 3,638.53 | 1/2 | 3,294.53 | 1/2 | 2,950.52 | 1/2 | 2,606.37 | 1/2 | 2,262.11 | 1/2 | 1,917.86 |
| 3/4 |       | 3/4 | 4,661.16 | 3/4 | 4,319.27 | 3/4 | 3,975.37 | 3/4 | 3,631.37 | 3/4 | 3,280.19 | 3/4 | 2,943.36 | 3/4 | 2,599.20 | 3/4 | 2,254.94 | 3/4 | 1,910.68 |
| 11  |       | 11  | 4,654.03 | 11  | 4,312.15 | 11  | 3,968.21 | 11  | 3,624.20 | 11  | 3,273.03 | 11  | 2,936.19 | 11  | 2,592.02 | 11  | 2,247.77 | 11  | 1,903.51 |
| 1/4 |       | 1/4 | 4,646.91 | 1/4 | 4,305.03 | 1/4 | 3,961.04 | 1/4 | 3,617.03 | 1/4 | 3,265.86 | 1/4 | 2,929.02 | 1/4 | 2,584.85 | 1/4 | 2,240.60 | 1/4 | 1,896.34 |
| 1/2 |       | 1/2 | 4,639.79 | 1/2 | 4,297.88 | 1/2 | 3,953.87 | 1/2 | 3,609.87 | 1/2 | 3,258.86 | 1/2 | 2,921.85 | 1/2 | 2,577.68 | 1/2 | 2,233.42 | 1/2 | 1,889.17 |
| 3/4 |       | 3/4 | 4,632.66 | 3/4 | 4,290.71 | 3/4 | 3,946.71 | 3/4 | 3,602.70 | 3/4 | 3,258.69 | 3/4 | 2,914.69 | 3/4 | 2,570.51 | 3/4 | 2,226.25 | 3/4 | 1,882.00 |

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10'- 6" OFF CENTERLINE AND 43'- 0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Bill A. Ben*



# BARGE "RBT 316"

HULL NO. 4510

GAUGE HEIGHT: 16'- 5 7/8"

|     | 11 FT.   | 12 FT.   | 13 FT.   | 14 FT. | 15 FT. | 16 FT. | 17 FT. | 18 FT. | 19 FT. | 20 FT. |
|-----|----------|----------|----------|--------|--------|--------|--------|--------|--------|--------|
| 0   | 1,874.82 | 1,531.32 | 1,187.11 | 844.00 | 503.47 | 163.77 |        |        |        |        |
| 1/4 | 1,867.65 | 1,524.15 | 1,179.96 | 836.85 | 496.63 | 156.93 | 1/4    | 0      |        |        |
| 1/2 | 1,860.48 | 1,516.98 | 1,172.80 | 829.71 | 489.78 | 150.08 | 1/2    | 1/2    | 1/4    | 1/4    |
| 3/4 | 1,853.31 | 1,509.81 | 1,165.65 | 822.56 | 482.94 | 143.24 | 3/4    | 3/4    | 3/4    | 3/4    |
| 1   | 1,846.14 | 1,502.63 | 1,158.50 | 815.41 | 476.09 | 136.39 | 1      | 1      | 1      | 1      |
| 1/4 | 1,838.96 | 1,495.46 | 1,151.35 | 808.26 | 469.25 | 129.55 | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,831.79 | 1,488.29 | 1,144.20 | 801.12 | 462.40 | 122.70 | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,824.62 | 1,481.12 | 1,137.05 | 793.96 | 455.56 | 115.86 | 3/4    | 3/4    | 3/4    | 3/4    |
| 2   | 1,817.45 | 1,473.95 | 1,129.90 | 786.81 | 448.71 | 109.01 | 2      | 2      | 2      | 2      |
| 1/4 | 1,810.28 | 1,466.77 | 1,122.76 | 779.66 | 441.87 | 102.17 | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,803.12 | 1,459.60 | 1,115.61 | 772.51 | 434.89 | 95.32  | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,795.97 | 1,452.43 | 1,108.46 | 765.36 | 427.77 | 88.48  | 3/4    | 3/4    | 3/4    | 3/4    |
| 3   | 1,788.83 | 1,445.26 | 1,101.31 | 758.21 | 420.65 | 81.63  | 3      | 3      | 3      | 3      |
| 1/4 | 1,781.68 | 1,438.09 | 1,094.16 | 751.06 | 413.53 | 74.79  | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,774.53 | 1,430.91 | 1,087.02 | 743.90 | 406.39 | 67.92  | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,767.39 | 1,423.74 | 1,079.87 | 736.72 | 399.21 | 61.02  | 3/4    | 3/4    | 3/4    | 3/4    |
| 4   | 1,760.24 | 1,416.57 | 1,072.72 | 729.55 | 392.04 | 54.12  | 4      | 4      | 4      | 4      |
| 1/4 | 1,753.10 | 1,409.40 | 1,065.57 | 722.38 | 384.87 | 47.22  | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,745.95 | 1,402.23 | 1,058.43 | 715.21 | 377.70 | 40.78  | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,738.81 | 1,395.05 | 1,051.28 | 708.03 | 370.52 | 34.80  | 3/4    | 3/4    | 3/4    | 3/4    |
| 5   | 1,731.66 | 1,387.88 | 1,044.13 | 700.86 | 363.35 | 28.83  | 5      | 5      | 5      | 5      |
| 1/4 | 1,724.51 | 1,380.71 | 1,036.98 | 693.69 | 356.18 | 22.85  | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,717.38 | 1,373.54 | 1,029.83 | 686.52 | 349.01 | 18.07  | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,710.25 | 1,366.37 | 1,022.69 | 679.35 | 341.83 | 14.48  | 3/4    | 3/4    | 3/4    | 3/4    |
| 6   | 1,703.12 | 1,359.19 | 1,015.54 | 672.17 | 334.66 | 12.69  | 6      | 6      | 6      | 6      |
| 1/4 | 1,695.99 | 1,352.02 | 1,008.39 | 665.00 | 327.49 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,688.86 | 1,344.85 | 1,001.24 | 657.83 | 320.32 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,681.72 | 1,337.68 | 994.09   | 650.66 | 313.14 |        | 3/4    | 3/4    | 3/4    | 3/4    |
| 7   | 1,674.59 | 1,330.50 | 986.95   | 643.48 | 305.97 |        | 7      | 7      | 7      | 7      |
| 1/4 | 1,667.46 | 1,323.33 | 979.80   | 636.31 | 298.80 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,660.33 | 1,316.16 | 972.65   | 629.14 | 291.63 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,653.18 | 1,308.99 | 965.50   | 621.97 | 284.45 |        | 3/4    | 3/4    | 3/4    | 3/4    |
| 8   | 1,646.03 | 1,301.81 | 958.36   | 614.79 | 277.28 |        | 8      | 8      | 8      | 8      |
| 1/4 | 1,638.89 | 1,294.64 | 951.21   | 607.62 | 270.11 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,631.73 | 1,287.47 | 944.06   | 600.45 | 262.94 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,624.56 | 1,280.30 | 936.91   | 593.28 | 255.77 |        | 3/4    | 3/4    | 3/4    | 3/4    |
| 9   | 1,617.39 | 1,273.12 | 929.76   | 586.10 | 248.59 |        | 9      | 9      | 9      | 9      |
| 1/4 | 1,610.21 | 1,265.95 | 922.62   | 578.93 | 241.42 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,603.04 | 1,258.78 | 915.47   | 571.76 | 234.27 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,595.87 | 1,251.61 | 908.32   | 565.08 | 227.16 |        | 3/4    | 3/4    | 3/4    | 3/4    |
| 10  | 1,588.70 | 1,244.44 | 901.18   | 558.23 | 220.04 |        | 10     | 10     | 10     | 10     |
| 1/4 | 1,581.53 | 1,237.26 | 894.03   | 551.39 | 212.92 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,574.35 | 1,230.09 | 886.88   | 544.54 | 205.80 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,567.18 | 1,222.92 | 879.73   | 537.70 | 198.68 |        | 3/4    | 3/4    | 3/4    | 3/4    |
| 11  | 1,560.01 | 1,215.75 | 872.59   | 530.85 | 191.56 |        | 11     | 11     | 11     | 11     |
| 1/4 | 1,552.84 | 1,208.57 | 865.44   | 524.01 | 184.45 |        | 1/4    | 1/4    | 1/4    | 1/4    |
| 1/2 | 1,545.67 | 1,201.41 | 858.29   | 517.16 | 177.46 |        | 1/2    | 1/2    | 1/2    | 1/2    |
| 3/4 | 1,538.49 | 1,194.26 | 851.15   | 510.32 | 170.62 |        | 3/4    | 3/4    | 3/4    | 3/4    |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Dale A. Ben*





# BARGE "RBT 316"

HULL NO. 4510

# 2 STBD

ULLAGE TABLE

GAUGE HEIGHT: 16'- 5 3/4"

| 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.    | IN  | 10 FT.   |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   | 4,956.74 | 0   | 4,615.54 | 0   | 4,274.09 | 0   | 3,930.66 | 0   | 3,587.23 | 0   | 3,243.80 | 0   | 2,900.37 | 0   | 2,556.76 | 0   | 2,213.08 |
| 1/4 | 1/4   | 1/4 | 4,949.64 | 1/4 | 4,608.42 | 1/4 | 4,266.94 | 1/4 | 3,923.51 | 1/4 | 3,580.08 | 1/4 | 3,236.65 | 1/4 | 2,893.22 | 1/4 | 2,549.60 | 1/4 | 2,205.92 |
| 1/2 | 1/2   | 1/2 | 4,942.54 | 1/2 | 4,601.31 | 1/2 | 4,259.78 | 1/2 | 3,916.35 | 1/2 | 3,572.92 | 1/2 | 3,229.49 | 1/2 | 2,886.06 | 1/2 | 2,542.44 | 1/2 | 2,198.76 |
| 3/4 | 3/4   | 3/4 | 4,935.43 | 3/4 | 4,594.20 | 3/4 | 4,252.63 | 3/4 | 3,909.20 | 3/4 | 3,565.77 | 3/4 | 3,222.34 | 3/4 | 2,878.91 | 3/4 | 2,535.28 | 3/4 | 2,191.60 |
| 1   | 1     | 1   | 4,928.33 | 1   | 4,587.09 | 1   | 4,245.47 | 1   | 3,902.04 | 1   | 3,558.61 | 1   | 3,215.18 | 1   | 2,871.75 | 1   | 2,528.12 | 1   | 2,184.44 |
| 1/4 | 1/4   | 1/4 | 4,921.23 | 1/4 | 4,579.98 | 1/4 | 4,238.32 | 1/4 | 3,894.89 | 1/4 | 3,551.46 | 1/4 | 3,208.03 | 1/4 | 2,864.60 | 1/4 | 2,520.96 | 1/4 | 2,177.28 |
| 1/2 | 1/2   | 1/2 | 4,914.13 | 1/2 | 4,572.87 | 1/2 | 4,231.16 | 1/2 | 3,887.73 | 1/2 | 3,544.30 | 1/2 | 3,192.25 | 1/2 | 2,857.44 | 1/2 | 2,513.80 | 1/2 | 2,170.12 |
| 3/4 | 3/4   | 3/4 | 4,907.02 | 3/4 | 4,565.76 | 3/4 | 4,224.01 | 3/4 | 3,880.58 | 3/4 | 3,537.15 | 3/4 | 3,186.56 | 3/4 | 2,850.29 | 3/4 | 2,506.64 | 3/4 | 2,162.96 |
| 2   | 2     | 2   | 4,899.92 | 2   | 4,558.65 | 2   | 4,216.86 | 2   | 3,873.42 | 2   | 3,529.99 | 2   | 3,183.56 | 2   | 2,843.13 | 2   | 2,499.48 | 2   | 2,155.80 |
| 1/4 | 1/4   | 1/4 | 4,892.82 | 1/4 | 4,551.54 | 1/4 | 4,209.70 | 1/4 | 3,866.27 | 1/4 | 3,522.84 | 1/4 | 3,179.41 | 1/4 | 2,835.98 | 1/4 | 2,492.32 | 1/4 | 2,148.64 |
| 1/2 | 1/2   | 1/2 | 4,885.71 | 1/2 | 4,544.43 | 1/2 | 4,202.55 | 1/2 | 3,859.12 | 1/2 | 3,515.68 | 1/2 | 3,172.25 | 1/2 | 2,828.82 | 1/2 | 2,485.16 | 1/2 | 2,141.48 |
| 3/4 | 3/4   | 3/4 | 4,878.61 | 3/4 | 4,537.32 | 3/4 | 4,195.39 | 3/4 | 3,851.96 | 3/4 | 3,508.53 | 3/4 | 3,165.10 | 3/4 | 2,821.67 | 3/4 | 2,478.00 | 3/4 | 2,134.32 |
| 3   | 3     | 3   | 4,871.51 | 3   | 4,530.21 | 3   | 4,188.24 | 3   | 3,844.81 | 3   | 3,501.38 | 3   | 3,157.94 | 3   | 2,814.51 | 3   | 2,470.84 | 3   | 2,127.16 |
| 1/4 | 1/4   | 1/4 | 4,864.41 | 1/4 | 4,523.10 | 1/4 | 4,181.08 | 1/4 | 3,837.65 | 1/4 | 3,494.22 | 1/4 | 3,150.79 | 1/4 | 2,807.36 | 1/4 | 2,463.68 | 1/4 | 2,120.00 |
| 1/2 | 1/2   | 1/2 | 4,857.30 | 1/2 | 4,515.99 | 1/2 | 4,173.93 | 1/2 | 3,830.50 | 1/2 | 3,487.07 | 1/2 | 3,143.64 | 1/2 | 2,800.20 | 1/2 | 2,456.52 | 1/2 | 2,112.84 |
| 3/4 | 3/4   | 3/4 | 4,850.18 | 3/4 | 4,508.88 | 3/4 | 4,166.77 | 3/4 | 3,823.34 | 3/4 | 3,479.91 | 3/4 | 3,136.48 | 3/4 | 2,793.04 | 3/4 | 2,449.36 | 3/4 | 2,105.68 |
| 4   | 4     | 4   | 4,843.07 | 4   | 4,501.77 | 4   | 4,159.62 | 4   | 3,816.19 | 4   | 3,472.76 | 4   | 3,129.33 | 4   | 2,785.88 | 4   | 2,442.20 | 4   | 2,098.52 |
| 1/4 | 1/4   | 1/4 | 4,835.96 | 1/4 | 4,494.65 | 1/4 | 4,152.46 | 1/4 | 3,809.03 | 1/4 | 3,465.60 | 1/4 | 3,122.17 | 1/4 | 2,778.72 | 1/4 | 2,435.04 | 1/4 | 2,091.36 |
| 1/2 | 1/2   | 1/2 | 4,828.85 | 1/2 | 4,487.54 | 1/2 | 4,145.31 | 1/2 | 3,801.88 | 1/2 | 3,458.45 | 1/2 | 3,115.02 | 1/2 | 2,771.56 | 1/2 | 2,427.88 | 1/2 | 2,084.20 |
| 3/4 | 3/4   | 3/4 | 4,821.74 | 3/4 | 4,480.43 | 3/4 | 4,138.15 | 3/4 | 3,794.72 | 3/4 | 3,451.29 | 3/4 | 3,107.86 | 3/4 | 2,764.40 | 3/4 | 2,420.72 | 3/4 | 2,077.04 |
| 5   | 5     | 5   | 4,814.63 | 5   | 4,473.32 | 5   | 4,131.00 | 5   | 3,787.57 | 5   | 3,444.14 | 5   | 3,100.71 | 5   | 2,757.24 | 5   | 2,413.56 | 5   | 2,069.88 |
| 1/4 | 1/4   | 1/4 | 4,807.52 | 1/4 | 4,466.21 | 1/4 | 4,123.84 | 1/4 | 3,780.41 | 1/4 | 3,436.98 | 1/4 | 3,093.55 | 1/4 | 2,750.08 | 1/4 | 2,406.40 | 1/4 | 2,062.72 |
| 1/2 | 1/2   | 1/2 | 4,800.41 | 1/2 | 4,459.10 | 1/2 | 4,116.69 | 1/2 | 3,773.26 | 1/2 | 3,429.83 | 1/2 | 3,086.40 | 1/2 | 2,742.92 | 1/2 | 2,399.24 | 1/2 | 2,055.56 |
| 3/4 | 3/4   | 3/4 | 4,793.30 | 3/4 | 4,451.99 | 3/4 | 4,109.58 | 3/4 | 3,766.10 | 3/4 | 3,422.67 | 3/4 | 3,079.24 | 3/4 | 2,735.76 | 3/4 | 2,392.08 | 3/4 | 2,048.40 |
| 6   | 6     | 6   | 4,786.19 | 6   | 4,444.88 | 6   | 4,102.33 | 6   | 3,758.95 | 6   | 3,415.52 | 6   | 3,072.09 | 6   | 2,728.60 | 6   | 2,384.92 | 6   | 2,041.24 |
| 1/4 | 1/4   | 1/4 | 4,779.08 | 1/4 | 4,437.77 | 1/4 | 4,095.22 | 1/4 | 3,751.79 | 1/4 | 3,408.36 | 1/4 | 3,064.93 | 1/4 | 2,721.44 | 1/4 | 2,377.76 | 1/4 | 2,034.04 |
| 1/2 | 1/2   | 1/2 | 4,771.97 | 1/2 | 4,430.66 | 1/2 | 4,088.07 | 1/2 | 3,744.64 | 1/2 | 3,401.21 | 1/2 | 3,057.78 | 1/2 | 2,714.28 | 1/2 | 2,370.60 | 1/2 | 2,026.92 |
| 3/4 | 3/4   | 3/4 | 4,764.86 | 3/4 | 4,423.55 | 3/4 | 4,080.91 | 3/4 | 3,737.48 | 3/4 | 3,394.05 | 3/4 | 3,050.62 | 3/4 | 2,707.12 | 3/4 | 2,363.44 | 3/4 | 2,019.76 |
| 7   | 7     | 7   | 4,757.75 | 7   | 4,416.44 | 7   | 4,073.76 | 7   | 3,730.33 | 7   | 3,386.90 | 7   | 3,043.47 | 7   | 2,699.96 | 7   | 2,356.28 | 7   | 2,012.60 |
| 1/4 | 1/4   | 1/4 | 4,750.64 | 1/4 | 4,409.33 | 1/4 | 4,066.60 | 1/4 | 3,723.17 | 1/4 | 3,379.74 | 1/4 | 3,036.31 | 1/4 | 2,692.80 | 1/4 | 2,349.12 | 1/4 | 2,005.44 |
| 1/2 | 1/2   | 1/2 | 4,743.53 | 1/2 | 4,402.22 | 1/2 | 4,059.45 | 1/2 | 3,716.02 | 1/2 | 3,372.59 | 1/2 | 3,029.16 | 1/2 | 2,685.64 | 1/2 | 2,341.96 | 1/2 | 1,998.28 |
| 3/4 | 3/4   | 3/4 | 4,736.42 | 3/4 | 4,395.11 | 3/4 | 4,052.29 | 3/4 | 3,708.86 | 3/4 | 3,365.43 | 3/4 | 3,022.00 | 3/4 | 2,678.48 | 3/4 | 2,334.80 | 3/4 | 1,991.12 |
| 8   | 8     | 8   | 4,729.30 | 8   | 4,388.00 | 8   | 4,045.14 | 8   | 3,701.71 | 8   | 3,358.28 | 8   | 3,014.85 | 8   | 2,671.32 | 8   | 2,327.64 | 8   | 1,983.96 |
| 1/4 | 1/4   | 1/4 | 4,722.19 | 1/4 | 4,380.89 | 1/4 | 4,037.99 | 1/4 | 3,694.55 | 1/4 | 3,351.12 | 1/4 | 3,007.69 | 1/4 | 2,664.16 | 1/4 | 2,320.48 | 1/4 | 1,976.80 |
| 1/2 | 1/2   | 1/2 | 4,715.08 | 1/2 | 4,373.77 | 1/2 | 4,030.83 | 1/2 | 3,687.40 | 1/2 | 3,343.97 | 1/2 | 3,000.54 | 1/2 | 2,657.00 | 1/2 | 2,313.32 | 1/2 | 1,969.64 |
| 3/4 | 3/4   | 3/4 | 4,707.97 | 3/4 | 4,366.66 | 3/4 | 4,023.68 | 3/4 | 3,680.25 | 3/4 | 3,336.81 | 3/4 | 2,993.38 | 3/4 | 2,649.84 | 3/4 | 2,306.16 | 3/4 | 1,962.48 |
| 9   | 9     | 9   | 4,700.86 | 9   | 4,359.55 | 9   | 4,016.52 | 9   | 3,673.09 | 9   | 3,329.66 | 9   | 2,986.23 | 9   | 2,642.68 | 9   | 2,299.00 | 9   | 1,955.32 |
| 1/4 | 1/4   | 1/4 | 4,693.75 | 1/4 | 4,352.44 | 1/4 | 4,009.37 | 1/4 | 3,665.94 | 1/4 | 3,322.51 | 1/4 | 2,979.07 | 1/4 | 2,635.52 | 1/4 | 2,291.84 | 1/4 | 1,948.16 |
| 1/2 | 1/2   | 1/2 | 4,686.64 | 1/2 | 4,345.33 | 1/2 | 4,002.21 | 1/2 | 3,658.78 | 1/2 | 3,315.35 | 1/2 | 2,971.92 | 1/2 | 2,628.36 | 1/2 | 2,284.68 | 1/2 | 1,941.00 |
| 3/4 | 3/4   | 3/4 | 4,679.53 | 3/4 | 4,338.22 | 3/4 | 3,995.06 | 3/4 | 3,651.63 | 3/4 | 3,308.20 | 3/4 | 2,964.77 | 3/4 | 2,621.20 | 3/4 | 2,277.52 | 3/4 | 1,933.84 |
| 10  | 10    | 10  | 4,672.42 | 10  | 4,331.11 | 10  | 3,987.90 | 10  | 3,644.47 | 10  | 3,301.04 | 10  | 2,957.61 | 10  | 2,614.04 | 10  | 2,270.36 | 10  | 1,926.68 |
| 1/4 | 1/4   | 1/4 | 4,665.31 | 1/4 | 4,324.00 | 1/4 | 3,980.75 | 1/4 | 3,637.32 | 1/4 | 3,293.89 | 1/4 | 2,950.46 | 1/4 | 2,606.88 | 1/4 | 2,263.20 | 1/4 | 1,919.52 |
| 1/2 | 1/2   | 1/2 | 4,658.20 | 1/2 | 4,316.89 | 1/2 | 3,973.59 | 1/2 | 3,630.16 | 1/2 | 3,286.73 | 1/2 | 2,943.30 | 1/2 | 2,599.72 | 1/2 | 2,256.04 | 1/2 | 1,912.36 |
| 3/4 | 3/4   | 3/4 | 4,651.09 | 3/4 | 4,309.78 | 3/4 | 3,966.44 | 3/4 | 3,623.01 | 3/4 | 3,279.58 | 3/4 | 2,936.15 | 3/4 | 2,592.56 | 3/4 | 2,248.88 | 3/4 | 1,905.20 |
| 11  | 11    | 11  | 4,643.98 | 11  | 4,302.67 | 11  | 3,959.28 | 11  | 3,615.85 | 11  | 3,272.42 | 11  | 2,928.99 | 11  | 2,585.40 | 11  | 2,241.72 | 11  | 1,898.04 |
| 1/4 | 1/4   | 1/4 | 4,636.87 | 1/4 | 4,295.56 | 1/4 | 3,952.13 | 1/4 | 3,608.70 | 1/4 | 3,265.27 | 1/4 | 2,921.84 | 1/4 | 2,578.24 | 1/4 | 2,234.56 | 1/4 | 1,890.88 |
| 1/2 | 1/2   | 1/2 | 4,629.76 | 1/2 | 4,288.40 | 1/2 | 3,944.97 | 1/2 | 3,601.54 | 1/2 | 3,258.11 | 1/2 | 2,914.68 | 1/2 | 2,571.08 | 1/2 | 2,227.40 | 1/2 | 1,883.72 |
| 3/4 | 3/4   | 3/4 | 4,622.65 | 3/4 | 4,281.25 | 3/4 | 3,937.82 | 3/4 | 3,594.39 | 3/4 | 3,250.96 | 3/4 | 2,907.53 | 3/4 | 2,563.92 | 3/4 | 2,220.24 | 3/4 | 1,876.56 |

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'- 0" OFF CENTERLINE AND 43'- 0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Bill A. Rose*



**BARGE "RBT 316"**  
HULL NO. 4510

GAUGE HEIGHT: 16'- 5 3/4"

| 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. | IN  | 20 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,869.40 | 0   | 1,526.47 | 0   | 1,182.78 | 0   | 839.27 | 0   | 499.20 | 0   | 160.08 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,862.24 | 1/4 | 1,519.31 | 1/4 | 1,175.62 | 1/4 | 832.11 | 1/4 | 492.37 | 1/4 | 153.24 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,855.08 | 1/2 | 1,512.15 | 1/2 | 1,168.46 | 1/2 | 824.95 | 1/2 | 485.53 | 1/2 | 146.41 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,847.92 | 3/4 | 1,504.99 | 3/4 | 1,161.30 | 3/4 | 817.80 | 3/4 | 478.70 | 3/4 | 139.58 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,840.76 | 1   | 1,497.83 | 1   | 1,154.14 | 1   | 810.64 | 1   | 471.87 | 1   | 132.74 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,833.60 | 1/4 | 1,490.67 | 1/4 | 1,146.98 | 1/4 | 803.49 | 1/4 | 465.03 | 1/4 | 125.91 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,826.44 | 1/2 | 1,483.51 | 1/2 | 1,139.83 | 1/2 | 796.33 | 1/2 | 458.20 | 1/2 | 119.08 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,819.28 | 3/4 | 1,476.35 | 3/4 | 1,132.67 | 3/4 | 789.17 | 3/4 | 451.37 | 3/4 | 112.24 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,812.12 | 2   | 1,469.19 | 2   | 1,125.51 | 2   | 782.01 | 2   | 444.53 | 2   | 105.41 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,804.96 | 1/4 | 1,462.03 | 1/4 | 1,118.36 | 1/4 | 774.85 | 1/4 | 437.70 | 1/4 | 98.58  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,797.83 | 1/2 | 1,454.87 | 1/2 | 1,111.20 | 1/2 | 767.69 | 1/2 | 430.59 | 1/2 | 91.75  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,790.69 | 3/4 | 1,447.71 | 3/4 | 1,104.04 | 3/4 | 760.53 | 3/4 | 423.49 | 3/4 | 84.91  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,783.56 | 3   | 1,440.55 | 3   | 1,096.89 | 3   | 753.37 | 3   | 416.38 | 3   | 78.08  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,776.43 | 1/4 | 1,433.39 | 1/4 | 1,089.73 | 1/4 | 746.21 | 1/4 | 409.28 | 1/4 | 71.25  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,769.29 | 1/2 | 1,426.23 | 1/2 | 1,082.57 | 1/2 | 739.05 | 1/2 | 402.12 | 1/2 | 64.36  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,762.16 | 3/4 | 1,419.07 | 3/4 | 1,075.42 | 3/4 | 731.89 | 3/4 | 394.95 | 3/4 | 57.47  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,755.02 | 4   | 1,411.91 | 4   | 1,068.26 | 4   | 724.73 | 4   | 387.79 | 4   | 50.59  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,747.89 | 1/4 | 1,404.75 | 1/4 | 1,061.11 | 1/4 | 717.57 | 1/4 | 380.63 | 1/4 | 43.70  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,740.76 | 1/2 | 1,397.59 | 1/2 | 1,053.95 | 1/2 | 710.41 | 1/2 | 373.47 | 1/2 | 37.73  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,733.62 | 3/4 | 1,390.43 | 3/4 | 1,046.79 | 3/4 | 703.25 | 3/4 | 366.31 | 3/4 | 31.76  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,726.49 | 5   | 1,383.27 | 5   | 1,039.64 | 5   | 696.09 | 5   | 359.15 | 5   | 25.80  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,719.36 | 1/4 | 1,376.11 | 1/4 | 1,032.48 | 1/4 | 688.93 | 1/4 | 351.99 | 1/4 | 19.83  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,712.24 | 1/2 | 1,368.95 | 1/2 | 1,025.32 | 1/2 | 681.77 | 1/2 | 344.83 | 1/2 | 16.25  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,705.12 | 3/4 | 1,361.79 | 3/4 | 1,018.17 | 3/4 | 674.61 | 3/4 | 337.67 | 3/4 | 12.67  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,698.00 | 6   | 1,354.63 | 6   | 1,011.01 | 6   | 667.45 | 6   | 330.51 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,690.88 | 1/4 | 1,347.47 | 1/4 | 1,003.85 | 1/4 | 660.29 | 1/4 | 323.35 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,683.76 | 1/2 | 1,340.31 | 1/2 | 996.70   | 1/2 | 653.13 | 1/2 | 316.19 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,676.65 | 3/4 | 1,333.15 | 3/4 | 989.54   | 3/4 | 645.97 | 3/4 | 309.03 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,669.53 | 7   | 1,325.99 | 7   | 982.38   | 7   | 638.80 | 7   | 301.87 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,662.41 | 1/4 | 1,318.83 | 1/4 | 975.23   | 1/4 | 631.64 | 1/4 | 294.71 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,655.28 | 1/2 | 1,311.67 | 1/2 | 968.07   | 1/2 | 624.48 | 1/2 | 287.55 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,648.14 | 3/4 | 1,304.51 | 3/4 | 960.92   | 3/4 | 617.32 | 3/4 | 280.39 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,641.01 | 8   | 1,297.35 | 8   | 953.76   | 8   | 610.16 | 8   | 273.23 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,633.87 | 1/4 | 1,290.19 | 1/4 | 946.60   | 1/4 | 603.00 | 1/4 | 266.07 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,626.71 | 1/2 | 1,283.03 | 1/2 | 939.45   | 1/2 | 595.84 | 1/2 | 258.91 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,619.55 | 3/4 | 1,275.87 | 3/4 | 932.29   | 3/4 | 588.68 | 3/4 | 251.75 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,612.39 | 9   | 1,268.71 | 9   | 925.13   | 9   | 581.52 | 9   | 244.59 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,605.23 | 1/4 | 1,261.55 | 1/4 | 917.98   | 1/4 | 574.36 | 1/4 | 237.43 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,598.07 | 1/2 | 1,254.39 | 1/2 | 910.82   | 1/2 | 567.53 | 1/2 | 230.32 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,590.91 | 3/4 | 1,247.23 | 3/4 | 903.67   | 3/4 | 560.70 | 3/4 | 223.21 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,583.75 | 10  | 1,240.07 | 10  | 896.51   | 10  | 553.86 | 10  | 216.11 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,576.59 | 1/4 | 1,232.91 | 1/4 | 889.35   | 1/4 | 547.03 | 1/4 | 209.00 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,569.43 | 1/2 | 1,225.75 | 1/2 | 882.20   | 1/2 | 540.20 | 1/2 | 201.89 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,562.27 | 3/4 | 1,218.59 | 3/4 | 875.04   | 3/4 | 533.36 | 3/4 | 194.79 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,555.11 | 11  | 1,211.43 | 11  | 867.89   | 11  | 526.53 | 11  | 187.68 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,547.95 | 1/4 | 1,204.27 | 1/4 | 860.73   | 1/4 | 519.70 | 1/4 | 180.57 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,540.79 | 1/2 | 1,197.10 | 1/2 | 853.58   | 1/2 | 512.86 | 1/2 | 173.74 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,533.63 | 3/4 | 1,189.94 | 3/4 | 846.42   | 3/4 | 506.03 | 3/4 | 166.91 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Bob A. Ben*





# BARGE "RBT 316"

HULL NO. 4510

# 3 PORT

ULLAGE TABLE

GAUGE HEIGHT: 16'-6"

| 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.    | IN  | 10 FT.   |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |          | 0   |          | 0   |          | 0   |          | 0   |          | 0   |          | 0   |          | 0   |          | 0   |          | 0   |          |
| 1/4 | 4,386.89 | 1/4 | 4,386.06 | 1/4 | 4,249.49 | 1/4 | 4,111.61 | 1/4 | 3,973.56 | 1/4 | 3,786.98 | 1/4 | 3,434.88 | 1/4 | 3,072.93 | 1/4 | 2,710.91 | 1/4 | 2,347.34 |
| 1/2 | 4,381.22 | 1/2 | 4,381.22 | 1/2 | 4,243.75 | 1/2 | 4,105.87 | 1/2 | 3,967.78 | 1/2 | 3,772.79 | 1/2 | 3,419.79 | 1/2 | 3,065.39 | 1/2 | 2,703.33 | 1/2 | 2,339.77 |
| 3/4 | 4,378.38 | 3/4 | 4,378.38 | 3/4 | 4,240.88 | 3/4 | 4,100.12 | 3/4 | 3,964.89 | 3/4 | 3,765.70 | 3/4 | 3,412.25 | 3/4 | 3,050.31 | 3/4 | 2,688.18 | 3/4 | 2,324.62 |
| 1   | 4,375.54 | 1   | 4,372.70 | 1   | 4,238.00 | 1   | 4,100.12 | 1   | 3,962.00 | 1   | 3,758.60 | 1   | 3,404.71 | 1   | 3,042.76 | 1   | 2,680.61 | 1   | 2,317.05 |
| 1/4 | 4,369.86 | 1/4 | 4,369.86 | 1/4 | 4,235.13 | 1/4 | 4,097.25 | 1/4 | 3,959.11 | 1/4 | 3,755.51 | 1/4 | 3,397.17 | 1/4 | 3,035.22 | 1/4 | 2,673.03 | 1/4 | 2,309.47 |
| 1/2 | 4,367.03 | 1/2 | 4,367.03 | 1/2 | 4,232.26 | 1/2 | 4,094.38 | 1/2 | 3,956.22 | 1/2 | 3,744.42 | 1/2 | 3,389.63 | 1/2 | 3,027.68 | 1/2 | 2,665.45 | 1/2 | 2,301.90 |
| 3/4 | 4,364.19 | 3/4 | 4,364.19 | 3/4 | 4,229.39 | 3/4 | 4,091.51 | 3/4 | 3,953.33 | 3/4 | 3,737.33 | 3/4 | 3,382.09 | 3/4 | 3,020.14 | 3/4 | 2,657.88 | 3/4 | 2,294.32 |
| 2   | 4,361.35 | 2   | 4,361.35 | 2   | 4,226.51 | 2   | 4,088.63 | 2   | 3,950.44 | 2   | 3,730.23 | 2   | 3,374.55 | 2   | 3,012.60 | 2   | 2,650.30 | 2   | 2,286.75 |
| 1/4 | 4,358.51 | 1/4 | 4,358.51 | 1/4 | 4,223.64 | 1/4 | 4,085.76 | 1/4 | 3,947.55 | 1/4 | 3,723.14 | 1/4 | 3,367.01 | 1/4 | 3,005.06 | 1/4 | 2,642.73 | 1/4 | 2,279.18 |
| 1/2 | 4,355.67 | 1/2 | 4,355.67 | 1/2 | 4,220.77 | 1/2 | 4,082.89 | 1/2 | 3,944.66 | 1/2 | 3,716.05 | 1/2 | 3,359.47 | 1/2 | 2,997.52 | 1/2 | 2,635.15 | 1/2 | 2,271.60 |
| 3/4 | 4,352.84 | 3/4 | 4,352.84 | 3/4 | 4,217.90 | 3/4 | 4,080.02 | 3/4 | 3,941.77 | 3/4 | 3,708.95 | 3/4 | 3,351.93 | 3/4 | 2,989.98 | 3/4 | 2,627.58 | 3/4 | 2,264.03 |
| 3   | 4,350.00 | 3   | 4,350.00 | 3   | 4,215.02 | 3   | 4,077.14 | 3   | 3,938.88 | 3   | 3,701.86 | 3   | 3,344.39 | 3   | 2,982.44 | 3   | 2,620.00 | 3   | 2,256.46 |
| 1/4 | 4,347.16 | 1/4 | 4,347.16 | 1/4 | 4,212.15 | 1/4 | 4,074.27 | 1/4 | 3,935.99 | 1/4 | 3,694.77 | 1/4 | 3,336.85 | 1/4 | 2,974.90 | 1/4 | 2,612.43 | 1/4 | 2,248.88 |
| 1/2 | 4,344.29 | 1/2 | 4,344.29 | 1/2 | 4,209.28 | 1/2 | 4,071.40 | 1/2 | 3,933.10 | 1/2 | 3,687.67 | 1/2 | 3,329.31 | 1/2 | 2,967.36 | 1/2 | 2,604.85 | 1/2 | 2,241.31 |
| 3/4 | 4,341.41 | 3/4 | 4,341.41 | 3/4 | 4,206.41 | 3/4 | 4,068.53 | 3/4 | 3,930.21 | 3/4 | 3,680.58 | 3/4 | 3,321.77 | 3/4 | 2,959.82 | 3/4 | 2,597.27 | 3/4 | 2,233.74 |
| 4   | 4,338.54 | 4   | 4,338.54 | 4   | 4,203.53 | 4   | 4,065.65 | 4   | 3,927.32 | 4   | 3,673.49 | 4   | 3,314.23 | 4   | 2,952.28 | 4   | 2,589.70 | 4   | 2,226.16 |
| 1/4 | 4,335.67 | 1/4 | 4,335.67 | 1/4 | 4,200.66 | 1/4 | 4,062.78 | 1/4 | 3,924.43 | 1/4 | 3,666.40 | 1/4 | 3,306.69 | 1/4 | 2,944.74 | 1/4 | 2,582.12 | 1/4 | 2,218.59 |
| 1/2 | 4,332.80 | 1/2 | 4,332.80 | 1/2 | 4,197.79 | 1/2 | 4,059.91 | 1/2 | 3,921.54 | 1/2 | 3,659.30 | 1/2 | 3,299.15 | 1/2 | 2,937.20 | 1/2 | 2,574.55 | 1/2 | 2,211.01 |
| 3/4 | 4,329.92 | 3/4 | 4,329.92 | 3/4 | 4,194.92 | 3/4 | 4,057.04 | 3/4 | 3,918.65 | 3/4 | 3,652.21 | 3/4 | 3,291.60 | 3/4 | 2,929.66 | 3/4 | 2,566.97 | 3/4 | 2,203.44 |
| 5   | 4,327.05 | 5   | 4,327.05 | 5   | 4,192.04 | 5   | 4,054.16 | 5   | 3,915.76 | 5   | 3,645.12 | 5   | 3,284.06 | 5   | 2,922.12 | 5   | 2,559.40 | 5   | 2,195.87 |
| 1/4 | 4,324.18 | 1/4 | 4,324.18 | 1/4 | 4,189.17 | 1/4 | 4,051.29 | 1/4 | 3,912.87 | 1/4 | 3,638.02 | 1/4 | 3,276.52 | 1/4 | 2,914.57 | 1/4 | 2,551.83 | 1/4 | 2,180.79 |
| 1/2 | 4,321.31 | 1/2 | 4,321.31 | 1/2 | 4,186.30 | 1/2 | 4,048.42 | 1/2 | 3,909.98 | 1/2 | 3,630.93 | 1/2 | 3,268.98 | 1/2 | 2,907.03 | 1/2 | 2,544.25 | 1/2 | 2,173.15 |
| 3/4 | 4,318.43 | 3/4 | 4,318.43 | 3/4 | 4,183.43 | 3/4 | 4,045.55 | 3/4 | 3,906.77 | 3/4 | 3,623.39 | 3/4 | 3,261.44 | 3/4 | 2,899.49 | 3/4 | 2,536.68 | 3/4 | 2,165.57 |
| 6   | 4,315.56 | 6   | 4,315.56 | 6   | 4,180.55 | 6   | 4,042.67 | 6   | 3,903.55 | 6   | 3,615.85 | 6   | 3,253.90 | 6   | 2,891.95 | 6   | 2,529.11 | 6   | 2,158.00 |
| 1/4 | 4,312.69 | 1/4 | 4,312.69 | 1/4 | 4,177.68 | 1/4 | 4,039.80 | 1/4 | 3,900.35 | 1/4 | 3,608.31 | 1/4 | 3,246.36 | 1/4 | 2,884.41 | 1/4 | 2,521.53 | 1/4 | 2,150.43 |
| 1/2 | 4,309.82 | 1/2 | 4,309.82 | 1/2 | 4,174.81 | 1/2 | 4,036.93 | 1/2 | 3,897.13 | 1/2 | 3,603.93 | 1/2 | 3,238.82 | 1/2 | 2,876.87 | 1/2 | 2,513.96 | 1/2 | 2,142.85 |
| 3/4 | 4,306.94 | 3/4 | 4,306.94 | 3/4 | 4,171.94 | 3/4 | 4,034.06 | 3/4 | 3,893.92 | 3/4 | 3,593.23 | 3/4 | 3,231.28 | 3/4 | 2,869.33 | 3/4 | 2,506.39 | 3/4 | 2,135.28 |
| 7   | 4,304.07 | 7   | 4,304.07 | 7   | 4,168.06 | 7   | 4,031.18 | 7   | 3,890.71 | 7   | 3,585.69 | 7   | 3,223.74 | 7   | 2,861.79 | 7   | 2,498.31 | 7   | 2,127.71 |
| 1/4 | 4,301.20 | 1/4 | 4,301.20 | 1/4 | 4,165.19 | 1/4 | 4,028.31 | 1/4 | 3,884.28 | 1/4 | 3,570.61 | 1/4 | 3,216.20 | 1/4 | 2,854.25 | 1/4 | 2,491.24 | 1/4 | 2,120.13 |
| 1/2 | 4,298.33 | 1/2 | 4,298.33 | 1/2 | 4,162.32 | 1/2 | 4,025.44 | 1/2 | 3,880.19 | 1/2 | 3,563.07 | 1/2 | 3,213.12 | 1/2 | 2,846.71 | 1/2 | 2,483.66 | 1/2 | 2,112.56 |
| 3/4 | 4,295.45 | 3/4 | 4,295.45 | 3/4 | 4,159.45 | 3/4 | 4,022.57 | 3/4 | 3,876.09 | 3/4 | 3,555.53 | 3/4 | 3,201.12 | 3/4 | 2,839.17 | 3/4 | 2,476.09 | 3/4 | 2,104.98 |
| 8   | 4,292.58 | 8   | 4,292.58 | 8   | 4,156.58 | 8   | 4,019.69 | 8   | 3,872.00 | 8   | 3,552.36 | 8   | 3,193.58 | 8   | 2,831.63 | 8   | 2,468.52 | 8   | 2,097.41 |
| 1/4 | 4,289.71 | 1/4 | 4,289.71 | 1/4 | 4,153.71 | 1/4 | 4,016.82 | 1/4 | 3,867.90 | 1/4 | 3,547.99 | 1/4 | 3,186.04 | 1/4 | 2,824.09 | 1/4 | 2,453.37 | 1/4 | 2,089.84 |
| 1/2 | 4,286.84 | 1/2 | 4,286.84 | 1/2 | 4,150.84 | 1/2 | 4,013.95 | 1/2 | 3,863.13 | 1/2 | 3,540.44 | 1/2 | 3,170.96 | 1/2 | 2,816.55 | 1/2 | 2,445.80 | 1/2 | 2,082.26 |
| 3/4 | 4,283.96 | 3/4 | 4,283.96 | 3/4 | 4,148.96 | 3/4 | 4,011.08 | 3/4 | 3,858.35 | 3/4 | 3,532.90 | 3/4 | 3,163.41 | 3/4 | 2,809.01 | 3/4 | 2,438.22 | 3/4 | 2,074.69 |
| 9   | 4,281.09 | 9   | 4,281.09 | 9   | 4,146.08 | 9   | 4,008.20 | 9   | 3,853.57 | 9   | 3,525.36 | 9   | 3,153.41 | 9   | 2,801.47 | 9   | 2,430.35 | 9   | 2,067.11 |
| 1/4 | 4,278.22 | 1/4 | 4,278.22 | 1/4 | 4,143.21 | 1/4 | 4,005.33 | 1/4 | 3,848.79 | 1/4 | 3,517.82 | 1/4 | 3,150.87 | 1/4 | 2,793.93 | 1/4 | 2,423.08 | 1/4 | 2,059.53 |
| 1/2 | 4,275.35 | 1/2 | 4,275.35 | 1/2 | 4,140.34 | 1/2 | 4,002.46 | 1/2 | 3,843.23 | 1/2 | 3,510.28 | 1/2 | 3,148.33 | 1/2 | 2,786.38 | 1/2 | 2,415.50 | 1/2 | 2,051.96 |
| 3/4 | 4,272.47 | 3/4 | 4,272.47 | 3/4 | 4,137.47 | 3/4 | 3,999.58 | 3/4 | 3,837.67 | 3/4 | 3,502.74 | 3/4 | 3,140.79 | 3/4 | 2,778.84 | 3/4 | 2,415.50 | 3/4 | 2,044.38 |
| 10  | 4,269.60 | 10  | 4,269.60 | 10  | 4,134.59 | 10  | 3,996.68 | 10  | 3,833.10 | 10  | 3,495.20 | 10  | 3,133.25 | 10  | 2,771.30 | 10  | 2,400.35 | 10  | 2,036.81 |
| 1/4 | 4,266.73 | 1/4 | 4,266.73 | 1/4 | 4,131.72 | 1/4 | 3,993.79 | 1/4 | 3,826.54 | 1/4 | 3,480.12 | 1/4 | 3,125.71 | 1/4 | 2,763.76 | 1/4 | 2,392.78 | 1/4 | 2,029.23 |
| 1/2 | 4,263.86 | 1/2 | 4,263.86 | 1/2 | 4,128.86 | 1/2 | 3,990.90 | 1/2 | 3,820.20 | 1/2 | 3,472.58 | 1/2 | 3,118.17 | 1/2 | 2,756.22 | 1/2 | 2,385.21 | 1/2 | 2,021.66 |
| 3/4 | 4,260.98 | 3/4 | 4,260.98 | 3/4 | 4,125.98 | 3/4 | 3,988.01 | 3/4 | 3,813.85 | 3/4 | 3,465.04 | 3/4 | 3,110.69 | 3/4 | 2,741.14 | 3/4 | 2,377.63 | 3/4 | 2,014.08 |
| 11  | 4,258.11 | 11  | 4,258.11 | 11  | 4,123.10 | 11  | 3,985.12 | 11  | 3,807.51 | 11  | 3,457.50 | 11  | 3,103.09 | 11  | 2,733.60 | 11  | 2,373.06 | 11  | 2,006.51 |
| 1/4 | 4,255.24 | 1/4 | 4,255.24 | 1/4 | 4,120.23 | 1/4 | 3,982.23 | 1/4 | 3,801.16 | 1/4 | 3,449.96 | 1/4 | 3,088.01 | 1/4 | 2,726.06 | 1/4 | 2,362.49 | 1/4 | 1,998.93 |
| 1/2 | 4,252.37 | 1/2 | 4,252.37 | 1/2 | 4,117.36 | 1/2 | 3,979.34 | 1/2 | 3,796.45 | 1/2 | 3,442.42 | 1/2 | 3,080.47 | 1/2 | 2,718.48 | 1/2 | 2,354.91 | 1/2 | 1,991.35 |
| 3/4 | 4,249.49 | 3/4 | 4,249.49 | 3/4 | 4,114.49 | 3/4 | 3,976.45 | 3/4 | 3,794.07 | 3/4 | 3,442.42 | 3/4 | 3,080.47 | 3/4 | 2,718.48 | 3/4 | 2,354.91 | 3/4 | 1,991.35 |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH NIPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 10'-6" OFF CENTERLINE AND 58'-0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Del A Bar*



# BARGE "RBT 316"

HULL NO. 4510

GAUGE HEIGHT: 16'- 6"

| 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. | IN  | 20 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,983.78 | 0   | 1,622.04 | 0   | 1,258.43 | 0   | 895.75 | 0   | 535.78 | 0   | 176.86 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,976.20 | 1/4 | 1,614.46 | 1/4 | 1,250.87 | 1/4 | 888.19 | 1/4 | 528.55 | 1/4 | 169.63 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,968.63 | 1/2 | 1,606.89 | 1/2 | 1,243.32 | 1/2 | 880.64 | 1/2 | 521.31 | 1/2 | 162.39 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,961.05 | 3/4 | 1,599.31 | 3/4 | 1,235.76 | 3/4 | 873.08 | 3/4 | 514.08 | 3/4 | 155.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,953.48 | 1   | 1,591.73 | 1   | 1,228.21 | 1   | 865.52 | 1   | 506.84 | 1   | 147.92 | 1   |        |     |        |     |        | 1   |        |
| 1/4 | 1,945.90 | 1/4 | 1,584.16 | 1/4 | 1,220.65 | 1/4 | 857.97 | 1/4 | 499.61 | 1/4 | 140.68 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,938.33 | 1/2 | 1,576.58 | 1/2 | 1,213.09 | 1/2 | 850.41 | 1/2 | 492.37 | 1/2 | 133.45 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,930.75 | 3/4 | 1,569.01 | 3/4 | 1,205.54 | 3/4 | 842.86 | 3/4 | 485.13 | 3/4 | 126.20 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,923.17 | 2   | 1,561.43 | 2   | 1,197.98 | 2   | 835.30 | 2   | 477.90 | 2   | 118.95 | 2   |        |     |        |     |        | 2   |        |
| 1/4 | 1,915.60 | 1/4 | 1,553.85 | 1/4 | 1,190.43 | 1/4 | 827.75 | 1/4 | 470.66 | 1/4 | 111.70 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,908.02 | 1/2 | 1,546.28 | 1/2 | 1,182.87 | 1/2 | 820.19 | 1/2 | 463.43 | 1/2 | 104.46 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,900.48 | 3/4 | 1,538.70 | 3/4 | 1,175.31 | 3/4 | 812.63 | 3/4 | 455.90 | 3/4 | 97.21  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,892.93 | 3   | 1,531.13 | 3   | 1,167.76 | 3   | 805.08 | 3   | 448.38 | 3   | 89.96  | 3   |        |     |        |     |        | 3   |        |
| 1/4 | 1,885.38 | 1/4 | 1,523.55 | 1/4 | 1,160.20 | 1/4 | 797.52 | 1/4 | 440.86 | 1/4 | 82.71  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,877.84 | 1/2 | 1,515.97 | 1/2 | 1,152.65 | 1/2 | 789.97 | 1/2 | 433.34 | 1/2 | 75.47  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,870.29 | 3/4 | 1,508.40 | 3/4 | 1,145.09 | 3/4 | 782.39 | 3/4 | 425.76 | 3/4 | 68.17  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,862.74 | 4   | 1,500.82 | 4   | 1,137.53 | 4   | 774.81 | 4   | 418.19 | 4   | 60.86  | 4   |        |     |        |     |        | 4   |        |
| 1/4 | 1,855.20 | 1/4 | 1,493.25 | 1/4 | 1,129.98 | 1/4 | 767.24 | 1/4 | 410.61 | 1/4 | 53.56  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,847.65 | 1/2 | 1,485.67 | 1/2 | 1,122.42 | 1/2 | 759.66 | 1/2 | 403.03 | 1/2 | 46.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,840.10 | 3/4 | 1,478.09 | 3/4 | 1,114.87 | 3/4 | 752.09 | 3/4 | 395.46 | 3/4 | 39.94  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,832.55 | 5   | 1,470.52 | 5   | 1,107.31 | 5   | 744.51 | 5   | 387.88 | 5   | 33.61  | 5   |        |     |        |     |        | 5   |        |
| 1/4 | 1,825.01 | 1/4 | 1,462.94 | 1/4 | 1,099.75 | 1/4 | 736.93 | 1/4 | 380.31 | 1/4 | 27.29  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,817.46 | 1/2 | 1,455.37 | 1/2 | 1,092.20 | 1/2 | 729.36 | 1/2 | 372.73 | 1/2 | 20.97  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,810.06 | 3/4 | 1,447.79 | 3/4 | 1,084.64 | 3/4 | 721.78 | 3/4 | 365.15 | 3/4 | 17.17  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,802.67 | 6   | 1,440.21 | 6   | 1,077.09 | 6   | 714.21 | 6   | 357.58 | 6   | 13.38  | 6   |        |     |        |     |        | 6   |        |
| 1/4 | 1,795.27 | 1/4 | 1,432.64 | 1/4 | 1,069.53 | 1/4 | 706.63 | 1/4 | 350.00 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,787.87 | 1/2 | 1,425.06 | 1/2 | 1,061.97 | 1/2 | 699.05 | 1/2 | 342.43 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,780.48 | 3/4 | 1,417.49 | 3/4 | 1,054.42 | 3/4 | 691.48 | 3/4 | 334.85 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,773.08 | 7   | 1,409.91 | 7   | 1,046.86 | 7   | 683.90 | 7   | 327.27 | 7   |        | 7   |        |     |        |     |        | 7   |        |
| 1/4 | 1,765.69 | 1/4 | 1,402.33 | 1/4 | 1,039.31 | 1/4 | 676.33 | 1/4 | 319.70 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,758.29 | 1/2 | 1,394.76 | 1/2 | 1,031.75 | 1/2 | 668.75 | 1/2 | 312.12 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,750.74 | 3/4 | 1,387.18 | 3/4 | 1,024.19 | 3/4 | 661.17 | 3/4 | 304.55 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,743.19 | 8   | 1,379.61 | 8   | 1,016.64 | 8   | 653.60 | 8   | 296.97 | 8   |        | 8   |        |     |        |     |        | 8   |        |
| 1/4 | 1,735.65 | 1/4 | 1,372.03 | 1/4 | 1,009.08 | 1/4 | 646.02 | 1/4 | 289.39 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,728.10 | 1/2 | 1,364.45 | 1/2 | 1,001.53 | 1/2 | 638.45 | 1/2 | 281.82 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,720.53 | 3/4 | 1,356.88 | 3/4 | 993.97   | 3/4 | 630.87 | 3/4 | 274.24 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,712.95 | 9   | 1,349.30 | 9   | 986.41   | 9   | 623.29 | 9   | 266.67 | 9   |        | 9   |        |     |        |     |        | 9   |        |
| 1/4 | 1,705.37 | 1/4 | 1,341.73 | 1/4 | 978.86   | 1/4 | 615.72 | 1/4 | 259.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,697.80 | 1/2 | 1,334.15 | 1/2 | 971.30   | 1/2 | 608.14 | 1/2 | 251.51 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,690.22 | 3/4 | 1,326.57 | 3/4 | 963.75   | 3/4 | 600.91 | 3/4 | 243.99 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,682.65 | 10  | 1,319.00 | 10  | 956.19   | 10  | 593.67 | 10  | 236.47 | 10  |        | 10  |        |     |        |     |        | 10  |        |
| 1/4 | 1,675.07 | 1/4 | 1,311.42 | 1/4 | 948.64   | 1/4 | 586.44 | 1/4 | 228.95 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,667.49 | 1/2 | 1,303.85 | 1/2 | 941.08   | 1/2 | 579.20 | 1/2 | 221.42 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,659.92 | 3/4 | 1,296.27 | 3/4 | 933.52   | 3/4 | 571.96 | 3/4 | 213.90 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,652.34 | 11  | 1,288.69 | 11  | 925.97   | 11  | 564.73 | 11  | 206.38 | 11  |        | 11  |        |     |        |     |        | 11  |        |
| 1/4 | 1,644.77 | 1/4 | 1,281.12 | 1/4 | 918.41   | 1/4 | 557.49 | 1/4 | 198.86 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,637.19 | 1/2 | 1,273.54 | 1/2 | 910.86   | 1/2 | 550.26 | 1/2 | 191.34 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,629.61 | 3/4 | 1,265.99 | 3/4 | 903.30   | 3/4 | 543.02 | 3/4 | 184.10 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.



*Paul A. Ben*



# BARGE "RBT 316"

HULL NO. 4510

3 STBD

ULLAGE TABLE

## GAUGE HEIGHT: 16'- 5 3/4"

| 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.    | IN  | 10 FT.   |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|
| 0   |       | 0   | 4,412.67 | 0   | 4,275.17 | 0   | 4,137.22 | 0   | 3,999.07 | 0   | 3,791.02 | 0   | 3,429.48 | 0   | 3,066.76 | 0   | 2,703.94 | 0   | 2,339.54 |
| 1/4 |       | 1/4 | 4,409.83 | 1/4 | 4,272.29 | 1/4 | 4,134.34 | 1/4 | 3,996.18 | 1/4 | 3,783.52 | 1/4 | 3,421.92 | 1/4 | 3,059.20 | 1/4 | 2,696.35 | 1/4 | 2,331.95 |
| 1/2 |       | 1/2 | 4,406.99 | 1/2 | 4,269.42 | 1/2 | 4,131.47 | 1/2 | 3,993.29 | 1/2 | 3,776.02 | 1/2 | 3,414.36 | 1/2 | 3,051.65 | 1/2 | 2,688.75 | 1/2 | 2,324.36 |
| 3/4 |       | 3/4 | 4,404.15 | 3/4 | 4,266.55 | 3/4 | 4,128.59 | 3/4 | 3,990.40 | 3/4 | 3,768.51 | 3/4 | 3,406.81 | 3/4 | 3,044.09 | 3/4 | 2,673.57 | 3/4 | 2,316.77 |
| 1   |       | 1   | 4,401.32 | 1   | 4,263.67 | 1   | 4,125.72 | 1   | 3,987.51 | 1   | 3,761.01 | 1   | 3,399.25 | 1   | 3,036.53 | 1   | 2,657.81 | 1   | 2,301.58 |
| 1/4 |       | 1/4 | 4,398.48 | 1/4 | 4,260.80 | 1/4 | 4,122.85 | 1/4 | 3,984.62 | 1/4 | 3,753.51 | 1/4 | 3,391.69 | 1/4 | 3,028.98 | 1/4 | 2,650.98 | 1/4 | 2,293.99 |
| 1/2 |       | 1/2 | 4,395.64 | 1/2 | 4,257.92 | 1/2 | 4,119.97 | 1/2 | 3,981.73 | 1/2 | 3,746.01 | 1/2 | 3,384.14 | 1/2 | 3,021.42 | 1/2 | 2,647.39 | 1/2 | 2,286.40 |
| 3/4 |       | 3/4 | 4,392.80 | 3/4 | 4,255.05 | 3/4 | 4,117.10 | 3/4 | 3,978.83 | 3/4 | 3,738.51 | 3/4 | 3,376.58 | 3/4 | 3,013.86 | 3/4 | 2,640.80 | 3/4 | 2,278.81 |
| 2   |       | 2   | 4,389.96 | 2   | 4,252.18 | 2   | 4,114.22 | 2   | 3,975.94 | 2   | 3,731.01 | 2   | 3,369.02 | 2   | 3,006.31 | 2   | 2,633.61 | 2   | 2,271.22 |
| 1/4 |       | 1/4 | 4,387.12 | 1/4 | 4,249.30 | 1/4 | 4,111.35 | 1/4 | 3,973.05 | 1/4 | 3,723.51 | 1/4 | 3,361.47 | 1/4 | 2,998.75 | 1/4 | 2,628.02 | 1/4 | 2,263.62 |
| 1/2 |       | 1/2 | 4,384.28 | 1/2 | 4,246.43 | 1/2 | 4,108.48 | 1/2 | 3,970.16 | 1/2 | 3,716.01 | 1/2 | 3,353.91 | 1/2 | 2,991.19 | 1/2 | 2,620.43 | 1/2 | 2,256.03 |
| 3/4 |       | 3/4 | 4,381.44 | 3/4 | 4,243.55 | 3/4 | 4,105.60 | 3/4 | 3,967.27 | 3/4 | 3,708.51 | 3/4 | 3,346.35 | 3/4 | 2,983.64 | 3/4 | 2,617.84 | 3/4 | 2,248.44 |
| 3   |       | 3   | 4,378.60 | 3   | 4,240.68 | 3   | 4,102.73 | 3   | 3,964.38 | 3   | 3,701.01 | 3   | 3,338.80 | 3   | 2,976.08 | 3   | 2,612.84 | 3   | 2,240.44 |
| 1/4 |       | 1/4 | 4,375.76 | 1/4 | 4,237.81 | 1/4 | 4,099.85 | 1/4 | 3,961.49 | 1/4 | 3,693.51 | 1/4 | 3,331.24 | 1/4 | 2,968.52 | 1/4 | 2,605.25 | 1/4 | 2,232.26 |
| 1/2 |       | 1/2 | 4,372.88 | 1/2 | 4,234.93 | 1/2 | 4,096.98 | 1/2 | 3,958.59 | 1/2 | 3,686.01 | 1/2 | 3,323.68 | 1/2 | 2,960.97 | 1/2 | 2,597.65 | 1/2 | 2,223.65 |
| 3/4 |       | 3/4 | 4,370.01 | 3/4 | 4,232.06 | 3/4 | 4,094.11 | 3/4 | 3,955.70 | 3/4 | 3,678.51 | 3/4 | 3,316.13 | 3/4 | 2,953.41 | 3/4 | 2,590.06 | 3/4 | 2,215.67 |
| 4   |       | 4   | 4,367.14 | 4   | 4,229.18 | 4   | 4,091.23 | 4   | 3,952.81 | 4   | 3,671.01 | 4   | 3,308.57 | 4   | 2,945.85 | 4   | 2,582.47 | 4   | 2,210.48 |
| 1/4 |       | 1/4 | 4,364.26 | 1/4 | 4,226.31 | 1/4 | 4,088.36 | 1/4 | 3,949.92 | 1/4 | 3,663.51 | 1/4 | 3,293.46 | 1/4 | 2,938.30 | 1/4 | 2,574.88 | 1/4 | 2,202.89 |
| 1/2 |       | 1/2 | 4,361.39 | 1/2 | 4,223.43 | 1/2 | 4,085.48 | 1/2 | 3,947.03 | 1/2 | 3,656.01 | 1/2 | 3,285.90 | 1/2 | 2,930.74 | 1/2 | 2,567.29 | 1/2 | 2,195.30 |
| 3/4 |       | 3/4 | 4,358.51 | 3/4 | 4,220.56 | 3/4 | 4,082.61 | 3/4 | 3,944.14 | 3/4 | 3,648.50 | 3/4 | 3,278.34 | 3/4 | 2,923.18 | 3/4 | 2,559.70 | 3/4 | 2,187.71 |
| 5   |       | 5   | 4,355.64 | 5   | 4,217.69 | 5   | 4,079.74 | 5   | 3,941.25 | 5   | 3,641.00 | 5   | 3,270.79 | 5   | 2,915.63 | 5   | 2,552.10 | 5   | 2,180.17 |
| 1/4 |       | 1/4 | 4,352.77 | 1/4 | 4,214.81 | 1/4 | 4,076.86 | 1/4 | 3,938.35 | 1/4 | 3,633.50 | 1/4 | 3,263.23 | 1/4 | 2,908.07 | 1/4 | 2,544.51 | 1/4 | 2,172.52 |
| 1/2 |       | 1/2 | 4,349.89 | 1/2 | 4,211.94 | 1/2 | 4,073.99 | 1/2 | 3,935.13 | 1/2 | 3,625.95 | 1/2 | 3,255.67 | 1/2 | 2,900.51 | 1/2 | 2,537.92 | 1/2 | 2,164.93 |
| 3/4 |       | 3/4 | 4,347.02 | 3/4 | 4,209.07 | 3/4 | 4,071.11 | 3/4 | 3,931.90 | 3/4 | 3,618.39 | 3/4 | 3,248.12 | 3/4 | 2,892.96 | 3/4 | 2,529.33 | 3/4 | 2,157.34 |
| 6   |       | 6   | 4,344.14 | 6   | 4,206.19 | 6   | 4,068.24 | 6   | 3,928.68 | 6   | 3,610.83 | 6   | 3,245.12 | 6   | 2,885.40 | 6   | 2,521.74 | 6   | 2,149.75 |
| 1/4 |       | 1/4 | 4,341.27 | 1/4 | 4,203.32 | 1/4 | 4,065.37 | 1/4 | 3,925.45 | 1/4 | 3,603.28 | 1/4 | 3,240.56 | 1/4 | 2,877.84 | 1/4 | 2,514.15 | 1/4 | 2,142.16 |
| 1/2 |       | 1/2 | 4,338.40 | 1/2 | 4,200.44 | 1/2 | 4,062.49 | 1/2 | 3,921.34 | 1/2 | 3,595.72 | 1/2 | 3,233.00 | 1/2 | 2,870.29 | 1/2 | 2,506.56 | 1/2 | 2,134.57 |
| 3/4 |       | 3/4 | 4,335.52 | 3/4 | 4,197.57 | 3/4 | 4,059.62 | 3/4 | 3,917.23 | 3/4 | 3,588.16 | 3/4 | 3,225.45 | 3/4 | 2,862.73 | 3/4 | 2,498.96 | 3/4 | 2,126.98 |
| 7   |       | 7   | 4,332.65 | 7   | 4,194.70 | 7   | 4,056.74 | 7   | 3,913.12 | 7   | 3,580.61 | 7   | 3,217.89 | 7   | 2,855.17 | 7   | 2,491.37 | 7   | 2,119.38 |
| 1/4 |       | 1/4 | 4,329.77 | 1/4 | 4,191.82 | 1/4 | 4,053.87 | 1/4 | 3,909.01 | 1/4 | 3,573.05 | 1/4 | 3,210.33 | 1/4 | 2,847.62 | 1/4 | 2,485.78 | 1/4 | 2,111.79 |
| 1/2 |       | 1/2 | 4,326.90 | 1/2 | 4,188.95 | 1/2 | 4,051.00 | 1/2 | 3,904.22 | 1/2 | 3,565.49 | 1/2 | 3,202.78 | 1/2 | 2,840.06 | 1/2 | 2,476.19 | 1/2 | 2,104.20 |
| 3/4 |       | 3/4 | 4,324.03 | 3/4 | 4,186.07 | 3/4 | 4,048.12 | 3/4 | 3,899.43 | 3/4 | 3,557.94 | 3/4 | 3,195.22 | 3/4 | 2,832.50 | 3/4 | 2,468.60 | 3/4 | 2,096.61 |
| 8   |       | 8   | 4,321.15 | 8   | 4,183.20 | 8   | 4,045.25 | 8   | 3,894.63 | 8   | 3,550.38 | 8   | 3,187.66 | 8   | 2,824.95 | 8   | 2,461.01 | 8   | 2,089.02 |
| 1/4 |       | 1/4 | 4,318.28 | 1/4 | 4,180.33 | 1/4 | 4,042.37 | 1/4 | 3,889.84 | 1/4 | 3,542.82 | 1/4 | 3,180.11 | 1/4 | 2,817.39 | 1/4 | 2,453.41 | 1/4 | 2,081.43 |
| 1/2 |       | 1/2 | 4,315.40 | 1/2 | 4,177.45 | 1/2 | 4,039.50 | 1/2 | 3,884.26 | 1/2 | 3,535.27 | 1/2 | 3,172.55 | 1/2 | 2,809.83 | 1/2 | 2,445.82 | 1/2 | 2,073.83 |
| 3/4 |       | 3/4 | 4,312.53 | 3/4 | 4,174.58 | 3/4 | 4,036.63 | 3/4 | 3,878.69 | 3/4 | 3,527.71 | 3/4 | 3,164.99 | 3/4 | 2,802.28 | 3/4 | 2,438.23 | 3/4 | 2,066.24 |
| 9   |       | 9   | 4,309.66 | 9   | 4,171.70 | 9   | 4,033.75 | 9   | 3,873.11 | 9   | 3,520.15 | 9   | 3,157.44 | 9   | 2,794.72 | 9   | 2,430.64 | 9   | 2,058.65 |
| 1/4 |       | 1/4 | 4,306.78 | 1/4 | 4,168.83 | 1/4 | 4,030.88 | 1/4 | 3,867.53 | 1/4 | 3,512.60 | 1/4 | 3,149.88 | 1/4 | 2,787.16 | 1/4 | 2,423.05 | 1/4 | 2,051.06 |
| 1/2 |       | 1/2 | 4,303.91 | 1/2 | 4,165.96 | 1/2 | 4,027.99 | 1/2 | 3,861.17 | 1/2 | 3,505.04 | 1/2 | 3,142.32 | 1/2 | 2,779.61 | 1/2 | 2,415.46 | 1/2 | 2,043.47 |
| 3/4 |       | 3/4 | 4,301.03 | 3/4 | 4,163.08 | 3/4 | 4,025.10 | 3/4 | 3,854.81 | 3/4 | 3,497.48 | 3/4 | 3,134.71 | 3/4 | 2,772.05 | 3/4 | 2,407.86 | 3/4 | 2,035.88 |
| 10  |       | 10  | 4,298.16 | 10  | 4,160.21 | 10  | 4,022.20 | 10  | 3,848.45 | 10  | 3,489.93 | 10  | 3,127.21 | 10  | 2,764.49 | 10  | 2,400.27 | 10  | 2,028.28 |
| 1/4 |       | 1/4 | 4,295.29 | 1/4 | 4,157.33 | 1/4 | 4,019.33 | 1/4 | 3,842.09 | 1/4 | 3,482.37 | 1/4 | 3,119.65 | 1/4 | 2,756.94 | 1/4 | 2,392.68 | 1/4 | 2,020.69 |
| 1/2 |       | 1/2 | 4,292.41 | 1/2 | 4,154.46 | 1/2 | 4,016.42 | 1/2 | 3,834.95 | 1/2 | 3,474.82 | 1/2 | 3,112.10 | 1/2 | 2,749.38 | 1/2 | 2,385.09 | 1/2 | 2,013.10 |
| 3/4 |       | 3/4 | 4,289.54 | 3/4 | 4,151.59 | 3/4 | 4,013.53 | 3/4 | 3,827.81 | 3/4 | 3,467.26 | 3/4 | 3,104.54 | 3/4 | 2,741.82 | 3/4 | 2,377.50 | 3/4 | 2,005.51 |
| 11  |       | 11  | 4,286.66 | 11  | 4,148.71 | 11  | 4,010.64 | 11  | 3,820.66 | 11  | 3,459.70 | 11  | 3,096.99 | 11  | 2,734.27 | 11  | 2,369.91 | 11  | 1,997.92 |
| 1/4 |       | 1/4 | 4,283.79 | 1/4 | 4,145.84 | 1/4 | 4,007.75 | 1/4 | 3,813.52 | 1/4 | 3,445.15 | 1/4 | 3,089.43 | 1/4 | 2,726.71 | 1/4 | 2,362.31 | 1/4 | 1,990.33 |
| 1/2 |       | 1/2 | 4,280.92 | 1/2 | 4,142.96 | 1/2 | 4,004.86 | 1/2 | 3,806.02 | 1/2 | 3,444.59 | 1/2 | 3,081.87 | 1/2 | 2,719.12 | 1/2 | 2,354.72 | 1/2 | 1,982.73 |
| 3/4 |       | 3/4 | 4,278.04 | 3/4 | 4,140.09 | 3/4 | 4,001.96 | 3/4 | 3,798.52 | 3/4 | 3,437.03 | 3/4 | 3,074.32 | 3/4 | 2,711.53 | 3/4 | 2,347.13 | 3/4 |          |

1. STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7
2. GAUGE POINT: TO TOP LIP OF 10" DIAMETER GAUGE HATCH, OPPOSITE HINGE, LOCATED 11'- 0" OFF CENTERLINE AND 58'- 0" FORWARD OF AFT BULKHEAD.
3. NO TRIM CORRECTION REQUIRED DUE TO GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK.
4. TABLE EXTENDS TO UNDERSIDE OF DECK AT GAUGE POINT.

## CAPACITIES GIVE IN BARRELS OR 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR  
DATE COMPUTED: 2/21/06 BY: DAR  
DATE ISSUED: 2/22/06



*Paul A. Ben*





# BARGE "RBT 316"

HULL NO. 4510

**3 STBD**  
ULLAGE TABLE

GAUGE HEIGHT: 16'-5 3/4"

| 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. | IN  | 20 FT. |
|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0   | 1,975.14 | 0   | 1,612.51 | 0   | 1,248.25 | 0   | 884.33 | 0   | 523.74 | 0   | 164.92 | 0   |        | 0   |        | 0   |        | 0   |        |
| 1/4 | 1,967.55 | 1/4 | 1,604.93 | 1/4 | 1,240.68 | 1/4 | 876.75 | 1/4 | 516.49 | 1/4 | 157.95 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,959.96 | 1/2 | 1,597.32 | 1/2 | 1,233.10 | 1/2 | 869.17 | 1/2 | 509.24 | 1/2 | 150.99 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,952.37 | 3/4 | 1,589.74 | 3/4 | 1,225.52 | 3/4 | 861.59 | 3/4 | 501.99 | 3/4 | 144.02 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 1   | 1,944.78 | 1   | 1,582.15 | 1   | 1,217.95 | 1   | 854.00 | 1   | 497.48 | 1   | 137.05 | 1   |        | 1   |        | 1   |        | 1   |        |
| 1/4 | 1,937.19 | 1/4 | 1,574.56 | 1/4 | 1,210.37 | 1/4 | 846.42 | 1/4 | 487.44 | 1/4 | 130.09 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,929.59 | 1/2 | 1,566.96 | 1/2 | 1,202.79 | 1/2 | 838.84 | 1/2 | 480.23 | 1/2 | 123.12 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,922.00 | 3/4 | 1,559.37 | 3/4 | 1,195.22 | 3/4 | 831.25 | 3/4 | 472.98 | 3/4 | 116.16 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 2   | 1,914.41 | 2   | 1,551.78 | 2   | 1,187.65 | 2   | 823.66 | 2   | 465.73 | 2   | 109.19 | 2   |        | 2   |        | 2   |        | 2   |        |
| 1/4 | 1,906.82 | 1/4 | 1,544.19 | 1/4 | 1,180.07 | 1/4 | 816.08 | 1/4 | 458.48 | 1/4 | 102.23 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,899.25 | 1/2 | 1,536.60 | 1/2 | 1,172.50 | 1/2 | 808.48 | 1/2 | 450.94 | 1/2 | 95.26  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,891.68 | 3/4 | 1,529.01 | 3/4 | 1,164.93 | 3/4 | 800.90 | 3/4 | 443.40 | 3/4 | 88.29  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 3   | 1,884.11 | 3   | 1,521.42 | 3   | 1,157.35 | 3   | 793.31 | 3   | 435.86 | 3   | 81.33  | 3   |        | 3   |        | 3   |        | 3   |        |
| 1/4 | 1,876.55 | 1/4 | 1,513.82 | 1/4 | 1,149.78 | 1/4 | 785.72 | 1/4 | 428.33 | 1/4 | 74.36  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,868.98 | 1/2 | 1,506.23 | 1/2 | 1,142.19 | 1/2 | 778.13 | 1/2 | 420.73 | 1/2 | 67.34  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,861.41 | 3/4 | 1,498.64 | 3/4 | 1,134.61 | 3/4 | 770.54 | 3/4 | 413.14 | 3/4 | 60.32  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 4   | 1,853.84 | 4   | 1,491.05 | 4   | 1,127.02 | 4   | 762.95 | 4   | 405.55 | 4   | 53.30  | 4   |        | 4   |        | 4   |        | 4   |        |
| 1/4 | 1,846.27 | 1/4 | 1,483.46 | 1/4 | 1,119.44 | 1/4 | 755.35 | 1/4 | 397.96 | 1/4 | 46.29  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,838.71 | 1/2 | 1,475.87 | 1/2 | 1,111.85 | 1/2 | 747.76 | 1/2 | 390.37 | 1/2 | 39.96  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,831.14 | 3/4 | 1,468.27 | 3/4 | 1,104.27 | 3/4 | 740.17 | 3/4 | 382.77 | 3/4 | 33.63  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 5   | 1,823.57 | 5   | 1,460.68 | 5   | 1,096.68 | 5   | 732.58 | 5   | 375.18 | 5   | 27.31  | 5   |        | 5   |        | 5   |        | 5   |        |
| 1/4 | 1,816.00 | 1/4 | 1,453.09 | 1/4 | 1,089.10 | 1/4 | 724.99 | 1/4 | 367.59 | 1/4 | 20.98  | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,808.59 | 1/2 | 1,445.50 | 1/2 | 1,081.51 | 1/2 | 717.39 | 1/2 | 360.00 | 1/2 | 17.18  | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,801.17 | 3/4 | 1,437.91 | 3/4 | 1,073.92 | 3/4 | 709.80 | 3/4 | 352.41 | 3/4 | 13.39  | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 6   | 1,793.75 | 6   | 1,430.32 | 6   | 1,066.34 | 6   | 702.21 | 6   | 344.81 | 6   |        | 6   |        | 6   |        | 6   |        | 6   |        |
| 1/4 | 1,786.33 | 1/4 | 1,422.72 | 1/4 | 1,058.75 | 1/4 | 694.62 | 1/4 | 337.22 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,778.91 | 1/2 | 1,415.13 | 1/2 | 1,051.17 | 1/2 | 687.03 | 1/2 | 329.63 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,771.50 | 3/4 | 1,407.54 | 3/4 | 1,043.58 | 3/4 | 679.43 | 3/4 | 322.04 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 7   | 1,764.08 | 7   | 1,399.95 | 7   | 1,036.00 | 7   | 671.84 | 7   | 314.45 | 7   |        | 7   |        | 7   |        | 7   |        | 7   |        |
| 1/4 | 1,756.66 | 1/4 | 1,392.36 | 1/4 | 1,028.41 | 1/4 | 664.25 | 1/4 | 306.85 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,749.09 | 1/2 | 1,384.77 | 1/2 | 1,020.83 | 1/2 | 656.66 | 1/2 | 299.26 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,741.52 | 3/4 | 1,377.17 | 3/4 | 1,013.24 | 3/4 | 649.07 | 3/4 | 291.67 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 8   | 1,733.96 | 8   | 1,369.58 | 8   | 1,005.65 | 8   | 641.47 | 8   | 284.08 | 8   |        | 8   |        | 8   |        | 8   |        | 8   |        |
| 1/4 | 1,726.39 | 1/4 | 1,361.99 | 1/4 | 998.07   | 1/4 | 633.88 | 1/4 | 276.49 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,718.80 | 1/2 | 1,354.40 | 1/2 | 990.49   | 1/2 | 626.29 | 1/2 | 268.89 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,711.21 | 3/4 | 1,346.81 | 3/4 | 982.90   | 3/4 | 618.70 | 3/4 | 261.30 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 9   | 1,703.61 | 9   | 1,339.22 | 9   | 975.32   | 9   | 611.11 | 9   | 253.71 | 9   |        | 9   |        | 9   |        | 9   |        | 9   |        |
| 1/4 | 1,696.02 | 1/4 | 1,331.63 | 1/4 | 967.74   | 1/4 | 603.51 | 1/4 | 246.12 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,688.43 | 1/2 | 1,324.05 | 1/2 | 960.15   | 1/2 | 596.26 | 1/2 | 238.58 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,680.84 | 3/4 | 1,316.47 | 3/4 | 952.57   | 3/4 | 589.01 | 3/4 | 231.04 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 10  | 1,673.25 | 10  | 1,308.89 | 10  | 944.99   | 10  | 581.76 | 10  | 223.50 | 10  |        | 10  |        | 10  |        | 10  |        | 10  |        |
| 1/4 | 1,665.66 | 1/4 | 1,301.31 | 1/4 | 937.41   | 1/4 | 574.51 | 1/4 | 215.97 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,658.06 | 1/2 | 1,293.73 | 1/2 | 929.83   | 1/2 | 567.25 | 1/2 | 208.43 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,650.47 | 3/4 | 1,286.15 | 3/4 | 922.24   | 3/4 | 560.00 | 3/4 | 200.89 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |
| 11  | 1,642.88 | 11  | 1,278.57 | 11  | 914.66   | 11  | 552.75 | 11  | 193.35 | 11  |        | 11  |        | 11  |        | 11  |        | 11  |        |
| 1/4 | 1,635.29 | 1/4 | 1,270.99 | 1/4 | 907.08   | 1/4 | 545.50 | 1/4 | 185.81 | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        | 1/4 |        |
| 1/2 | 1,627.70 | 1/2 | 1,263.41 | 1/2 | 899.50   | 1/2 | 538.25 | 1/2 | 178.85 | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        | 1/2 |        |
| 3/4 | 1,620.11 | 3/4 | 1,255.83 | 3/4 | 891.91   | 3/4 | 531.00 | 3/4 | 171.88 | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        | 3/4 |        |

CAPACITIES GIVE IN BARRELS OF 42 U.S. GALLONS

CHART IS CERTIFIED FOR THIS TANK ONLY.

DATE STRAPPED: 2/9/06 BY: CA & DR  
DATE COMPUTED: 2/21/06 BY: DAR  
DATE ISSUED: 2/22/06



*Dale S. Ben*