



# BARGE: HSM 3704

ULLAGE TRIM TABLE  
8" HATCH

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-0/8     | - 00-0/8     | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     |
| 1 STBD | 00-0/8     | - 00-0/8     | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     | 00-1/4     | - 00-1/4     |
| 2 PORT | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       | - 00-0/8   | 00-0/8       |
| 2 STBD | 00-0/8     | - 00-0/8     | 00-0/8     | - 00-0/8     | 00-0/8     | - 00-0/8     | 00-0/8     | - 00-0/8     | 00-0/8     | - 00-0/8     | 00-0/8     | - 00-0/8     |
| 3 PORT | 00-5/8     | - 00-5/8     | 01-1/4     | - 01-1/4     | 01-7/8     | - 01-7/8     | 02-5/8     | - 02-5/8     | 03-1/4     | - 03-1/4     | 03-7/8     | - 03-7/8     |
| 3 STBD | 00-5/8     | - 00-5/8     | 01-1/4     | - 01-1/4     | 01-7/8     | - 01-7/8     | 02-5/8     | - 02-5/8     | 03-1/4     | - 03-1/4     | 03-7/8     | - 03-7/8     |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 PORT IS - 00-1/8"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 236'-00"

September 26, 2016



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**1 PORT**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-04 3/8"

| IN  | 0 FT.    | IN       | 1 FT.    | IN       | 2 FT.    | IN       | 3 FT.    | IN       | 4 FT.    | IN       | 5 FT.    | IN       | 6 FT.    | IN       | 7 FT.    | IN       | 8 FT.    | IN       | 9 FT.    | IN       | 10 FT.   | IN       | 11 FT.   | IN       | 12 FT.   | IN     | 13 FT. | IN     | 14 FT. | IN    | 15 FT. |
|-----|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|--------|--------|-------|--------|
| 0   | 0        | 0        | 4,635.24 | 0        | 4,309.07 | 0        | 3,981.33 | 0        | 3,653.58 | 0        | 3,325.84 | 0        | 2,998.10 | 0        | 2,670.35 | 0        | 2,342.61 | 0        | 2,014.86 | 0        | 1,687.12 | 0        | 1,359.62 | 0        | 1,032.01 | 0      | 704.58 | 0      | 377.98 | 0     | 87.37  |
| 1/4 | 1/4      | 4,628.99 | 1/4      | 4,302.24 | 1/4      | 3,974.50 | 1/4      | 3,646.76 | 1/4      | 3,319.01 | 1/4      | 2,991.27 | 1/4      | 2,663.52 | 1/4      | 2,335.78 | 1/4      | 2,008.04 | 1/4      | 1,680.29 | 1/4      | 1,352.79 | 1/4      | 1,025.19 | 1/4      | 697.75 | 1/4    | 371.35 | 1/4    | 82.21 |        |
| 1/2 | 1/2      | 4,622.49 | 1/2      | 4,295.42 | 1/2      | 3,967.67 | 1/2      | 3,639.93 | 1/2      | 3,312.18 | 1/2      | 2,984.44 | 1/2      | 2,656.70 | 1/2      | 2,328.95 | 1/2      | 2,001.21 | 1/2      | 1,673.46 | 1/2      | 1,345.96 | 1/2      | 1,018.37 | 1/2      | 690.92 | 1/2    | 364.77 | 1/2    | 77.09 |        |
| 3/4 | 3/4      | 4,615.75 | 3/4      | 4,288.59 | 3/4      | 3,960.84 | 3/4      | 3,633.10 | 3/4      | 3,305.36 | 3/4      | 2,977.61 | 3/4      | 2,649.87 | 3/4      | 2,322.12 | 3/4      | 1,994.38 | 3/4      | 1,666.64 | 3/4      | 1,339.14 | 3/4      | 1,011.55 | 3/4      | 684.09 | 3/4    | 358.23 | 3/4    | 72.03 |        |
| 1   | 1        | 4,609.01 | 1        | 4,281.76 | 1        | 3,954.02 | 1        | 3,626.27 | 1        | 3,298.53 | 1        | 2,970.78 | 1        | 2,643.04 | 1        | 2,315.30 | 1        | 1,987.55 | 1        | 1,659.81 | 1        | 1,332.31 | 1        | 1,004.73 | 1        | 677.26 | 1      | 351.69 | 1      | 66.97 |        |
| 1/4 | 1/4      | 4,602.27 | 1/4      | 4,274.93 | 1/4      | 3,947.19 | 1/4      | 3,619.44 | 1/4      | 3,291.70 | 1/4      | 2,963.96 | 1/4      | 2,636.21 | 1/4      | 2,308.47 | 1/4      | 1,980.72 | 1/4      | 1,652.98 | 1/4      | 1,325.48 | 1/4      | 997.91   | 1/4      | 670.43 | 1/4    | 345.14 | 1/4    | 61.91 |        |
| 1/2 | 1/2      | 4,595.51 | 1/2      | 4,268.10 | 1/2      | 3,940.36 | 1/2      | 3,612.62 | 1/2      | 3,284.87 | 1/2      | 2,957.13 | 1/2      | 2,629.38 | 1/2      | 2,301.64 | 1/2      | 1,973.90 | 1/2      | 1,646.15 | 1/2      | 1,318.65 | 1/2      | 991.10   | 1/2      | 663.61 | 1/2    | 338.65 | 1/2    | 56.92 |        |
| 3/4 | 3/4      | 4,588.73 | 3/4      | 4,261.28 | 3/4      | 3,933.53 | 3/4      | 3,605.79 | 3/4      | 3,278.04 | 3/4      | 2,950.30 | 3/4      | 2,622.56 | 3/4      | 2,294.81 | 3/4      | 1,967.07 | 3/4      | 1,639.32 | 3/4      | 1,311.83 | 3/4      | 984.28   | 3/4      | 656.78 | 3/4    | 332.21 | 3/4    | 52.00 |        |
| 2   | 2        | 4,581.95 | 2        | 4,254.45 | 2        | 3,926.70 | 2        | 3,598.96 | 2        | 3,271.22 | 2        | 2,943.47 | 2        | 2,615.73 | 2        | 2,287.98 | 2        | 1,960.24 | 2        | 1,632.50 | 2        | 1,305.00 | 2        | 977.46   | 2        | 649.95 | 2      | 325.77 | 2      | 47.08 |        |
| 1/4 | 1/4      | 4,575.17 | 1/4      | 4,247.62 | 1/4      | 3,919.88 | 1/4      | 3,592.13 | 1/4      | 3,264.39 | 1/4      | 2,936.64 | 1/4      | 2,608.90 | 1/4      | 2,281.16 | 1/4      | 1,953.41 | 1/4      | 1,625.67 | 1/4      | 1,298.17 | 1/4      | 970.64   | 1/4      | 643.12 | 1/4    | 319.33 | 1/4    | 42.16 |        |
| 1/2 | 1/2      | 4,568.38 | 1/2      | 4,240.79 | 1/2      | 3,913.05 | 1/2      | 3,585.30 | 1/2      | 3,257.56 | 1/2      | 2,929.82 | 1/2      | 2,602.07 | 1/2      | 2,274.33 | 1/2      | 1,946.58 | 1/2      | 1,618.84 | 1/2      | 1,291.34 | 1/2      | 963.82   | 1/2      | 636.29 | 1/2    | 312.93 | 1/2    | 37.66 |        |
| 3/4 | 3/4      | 4,561.58 | 3/4      | 4,233.96 | 3/4      | 3,906.22 | 3/4      | 3,578.48 | 3/4      | 3,250.73 | 3/4      | 2,922.99 | 3/4      | 2,595.24 | 3/4      | 2,267.50 | 3/4      | 1,939.76 | 3/4      | 1,612.01 | 3/4      | 1,284.52 | 3/4      | 957.00   | 3/4      | 629.46 | 3/4    | 306.58 | 3/4    | 33.59 |        |
| 3   | 3        | 4,554.78 | 3        | 4,227.14 | 3        | 3,899.39 | 3        | 3,571.65 | 3        | 3,243.90 | 3        | 2,916.16 | 3        | 2,588.42 | 3        | 2,260.67 | 3        | 1,932.93 | 3        | 1,605.18 | 3        | 1,277.69 | 3        | 950.18   | 3        | 622.64 | 3      | 300.22 | 3      | 29.53 |        |
| 1/4 | 1/4      | 4,547.97 | 1/4      | 4,220.31 | 1/4      | 3,892.56 | 1/4      | 3,564.82 | 1/4      | 3,237.08 | 1/4      | 2,909.33 | 1/4      | 2,581.59 | 1/4      | 2,253.84 | 1/4      | 1,926.10 | 1/4      | 1,598.36 | 1/4      | 1,270.86 | 1/4      | 943.37   | 1/4      | 615.81 | 1/4    | 293.86 | 1/4    | 25.46 |        |
| 1/2 | 1/2      | 4,541.17 | 1/2      | 4,213.48 | 1/2      | 3,885.74 | 1/2      | 3,557.99 | 1/2      | 3,230.25 | 1/2      | 2,902.50 | 1/2      | 2,574.76 | 1/2      | 2,247.02 | 1/2      | 1,919.27 | 1/2      | 1,591.53 | 1/2      | 1,264.03 | 1/2      | 936.55   | 1/2      | 608.98 | 1/2    | 287.54 | 1/2    | 22.28 |        |
| 3/4 | 3/4      | 4,534.35 | 3/4      | 4,206.65 | 3/4      | 3,878.91 | 3/4      | 3,551.16 | 3/4      | 3,223.42 | 3/4      | 2,895.68 | 3/4      | 2,567.93 | 3/4      | 2,240.19 | 3/4      | 1,912.44 | 3/4      | 1,584.70 | 3/4      | 1,257.21 | 3/4      | 929.73   | 3/4      | 602.15 | 3/4    | 281.27 | 3/4    | 20.00 |        |
| 4   | 4        | 4,527.54 | 4        | 4,199.82 | 4        | 3,872.08 | 4        | 3,544.34 | 4        | 3,216.59 | 4        | 2,888.85 | 4        | 2,561.10 | 4        | 2,233.36 | 4        | 1,905.62 | 4        | 1,577.87 | 4        | 1,250.38 | 4        | 922.91   | 4        | 595.32 | 4      | 274.99 | 4      | 17.71 |        |
| 1/4 | 1/4      | 4,520.72 | 1/4      | 4,193.00 | 1/4      | 3,865.25 | 1/4      | 3,537.51 | 1/4      | 3,209.76 | 1/4      | 2,882.02 | 1/4      | 2,554.28 | 1/4      | 2,226.53 | 1/4      | 1,898.79 | 1/4      | 1,571.04 | 1/4      | 1,243.55 | 1/4      | 916.09   | 1/4      | 588.49 | 1/4    | 268.71 | 1/4    | 15.43 |        |
| 1/2 | 1/2      | 4,513.90 | 1/2      | 4,186.17 | 1/2      | 3,858.42 | 1/2      | 3,530.68 | 1/2      | 3,202.94 | 1/2      | 2,875.19 | 1/2      | 2,547.45 | 1/2      | 2,219.70 | 1/2      | 1,891.96 | 1/2      | 1,564.22 | 1/2      | 1,236.72 | 1/2      | 909.27   | 1/2      | 581.67 | 1/2    | 262.47 | 1/2    | 14.28 |        |
| 3/4 | 3/4      | 4,507.08 | 3/4      | 4,179.34 | 3/4      | 3,851.60 | 3/4      | 3,523.85 | 3/4      | 3,196.11 | 3/4      | 2,868.36 | 3/4      | 2,540.62 | 3/4      | 2,212.88 | 3/4      | 1,885.13 | 3/4      | 1,557.39 | 3/4      | 1,229.90 | 3/4      | 902.45   | 3/4      | 574.84 | 3/4    | 256.25 | 3/4    | 11.11 |        |
| 5   | 5        | 4,500.25 | 5        | 4,172.51 | 5        | 3,844.77 | 5        | 3,517.02 | 5        | 3,189.28 | 5        | 2,861.54 | 5        | 2,533.79 | 5        | 2,206.05 | 5        | 1,878.30 | 5        | 1,550.56 | 5        | 1,223.07 | 5        | 895.64   | 5        | 568.01 | 5      | 250.04 | 5      | 7.00  |        |
| 1/4 | 1/4      | 4,493.43 | 1/4      | 4,165.68 | 1/4      | 3,837.94 | 1/4      | 3,510.20 | 1/4      | 3,182.45 | 1/4      | 2,854.71 | 1/4      | 2,526.96 | 1/4      | 2,199.22 | 1/4      | 1,871.48 | 1/4      | 1,543.73 | 1/4      | 1,216.24 | 1/4      | 888.82   | 1/4      | 561.18 | 1/4    | 243.82 | 1/4    | 5.00  |        |
| 1/2 | 1/2      | 4,486.60 | 1/2      | 4,158.86 | 1/2      | 3,831.11 | 1/2      | 3,503.37 | 1/2      | 3,175.62 | 1/2      | 2,847.88 | 1/2      | 2,520.14 | 1/2      | 2,192.39 | 1/2      | 1,864.65 | 1/2      | 1,536.91 | 1/2      | 1,209.41 | 1/2      | 882.00   | 1/2      | 554.35 | 1/2    | 237.65 | 1/2    | 4.00  |        |
| 3/4 | 3/4      | 4,479.78 | 3/4      | 4,152.03 | 3/4      | 3,824.28 | 3/4      | 3,496.54 | 3/4      | 3,168.80 | 3/4      | 2,841.05 | 3/4      | 2,513.31 | 3/4      | 2,185.56 | 3/4      | 1,857.82 | 3/4      | 1,530.09 | 3/4      | 1,202.59 | 3/4      | 875.18   | 3/4      | 547.52 | 3/4    | 231.51 | 3/4    | 3.00  |        |
| 6   | 6        | 4,472.95 | 6        | 4,145.20 | 6        | 3,817.46 | 6        | 3,489.71 | 6        | 3,161.97 | 6        | 2,834.22 | 6        | 2,506.48 | 6        | 2,178.74 | 6        | 1,850.99 | 6        | 1,523.28 | 6        | 1,195.76 | 6        | 868.36   | 6        | 540.69 | 6      | 225.38 | 6      | 2.00  |        |
| 1/4 | 1/4      | 4,466.13 | 1/4      | 4,138.37 | 1/4      | 3,810.63 | 1/4      | 3,482.88 | 1/4      | 3,155.14 | 1/4      | 2,827.40 | 1/4      | 2,499.65 | 1/4      | 2,171.91 | 1/4      | 1,844.16 | 1/4      | 1,516.46 | 1/4      | 1,188.93 | 1/4      | 861.54   | 1/4      | 533.87 | 1/4    | 219.25 | 1/4    | 1.00  |        |
| 1/2 | 1/2      | 4,459.29 | 1/2      | 4,131.54 | 1/2      | 3,803.80 | 1/2      | 3,476.06 | 1/2      | 3,148.31 | 1/2      | 2,820.57 | 1/2      | 2,492.82 | 1/2      | 2,165.08 | 1/2      | 1,837.34 | 1/2      | 1,509.64 | 1/2      | 1,182.10 | 1/2      | 854.72   | 1/2      | 527.04 | 1/2    | 213.15 | 1/2    | 0.00  |        |
| 3/4 | 3/4      | 4,452.46 | 3/4      | 4,124.72 | 3/4      | 3,796.97 | 3/4      | 3,469.23 | 3/4      | 3,141.48 | 3/4      | 2,813.74 | 3/4      | 2,486.00 | 3/4      | 2,158.25 | 3/4      | 1,830.51 | 3/4      | 1,502.82 | 3/4      | 1,175.28 | 3/4      | 847.90   | 3/4      | 520.21 | 3/4    | 207.10 | 3/4    | 0.00  |        |
| 7   | 7        | 4,445.63 | 7        | 4,117.89 | 7        | 3,790.14 | 7        | 3,462.40 | 7        | 3,134.66 | 7        | 2,806.91 | 7        | 2,479.17 | 7        | 2,151.42 | 7        | 1,823.68 | 7        | 1,496.00 | 7        | 1,168.45 | 7        | 841.09   | 7        | 513.38 | 7      | 201.05 | 7      | 0.00  |        |
| 1/4 | 1/4      | 4,438.80 | 1/4      | 4,111.06 | 1/4      | 3,783.32 | 1/4      | 3,455.57 | 1/4      | 3,127.83 | 1/4      | 2,800.08 | 1/4      | 2,472.34 | 1/4      | 2,144.60 | 1/4      | 1,816.85 | 1/4      | 1,489.19 | 1/4      | 1,161.62 | 1/4      | 834.27   | 1/4      | 506.55 | 1/4    | 195.00 | 1/4    | 0.00  |        |
| 1/2 | 1/2      | 4,431.98 | 1/2      | 4,104.23 | 1/2      | 3,776.49 | 1/2      | 3,448.74 | 1/2      | 3,121.00 | 1/2      | 2,793.26 | 1/2      | 2,465.51 | 1/2      | 2,137.77 | 1/2      | 1,810.02 | 1/2      | 1,482.37 | 1/2      | 1,154.79 | 1/2      | 827.45   | 1/2      | 499.72 | 1/2    | 188.99 | 1/2    | 0.00  |        |
| 3/4 | 3/4      | 4,425.15 | 3/4      | 4,097.40 | 3/4      | 3,769.66 | 3/4      | 3,441.92 | 3/4      | 3,114.17 | 3/4      | 2,786.43 | 3/4      | 2,458.68 | 3/4      | 2,130.94 | 3/4      | 1,803.20 | 3/4      | 1,475.55 | 3/4      | 1,147.97 | 3/4      | 820.63   | 3/4      | 492.90 | 3/4    | 183.02 | 3/4    | 0.00  |        |
| 8   | 8        | 4,418.32 | 8        | 4,090.58 | 8        | 3,762.83 | 8        | 3,435.09 | 8        | 3,107.34 | 8        | 2,779.60 | 8        | 2,451.86 | 8        | 2,124.11 | 8        | 1,796.37 | 8        | 1,468.73 | 8        | 1,141.14 | 8        | 813.81   | 8        | 486.07 | 8      | 177.05 | 8      | 0.00  |        |
| 1/4 | 1/4      | 4,411.49 | 1/4      | 4,083.75 | 1/4      | 3,756.00 | 1/4      | 3,428.26 | 1/4      | 3,100.52 | 1/4      | 2,772.77 | 1/4      | 2,445.03 | 1/4      | 2,117.28 | 1/4      | 1,789.54 | 1/4      | 1,461.91 | 1/4      | 1,134.31 | 1/4      | 806.99   | 1/4      | 479.24 | 1/4    | 171.08 | 1/4    | 0.00  |        |
| 1/2 | 1/2      | 4,404.66 | 1/2      | 4,076.92 | 1/2      | 3,749.18 | 1/2      | 3,421.43 | 1/2      | 3,093.69 | 1/2      | 2,765.94 | 1/2      | 2,438.20 | 1/2      | 2,110.46 | 1/2      | 1,782.71 | 1/2      | 1,455.10 | 1/2      | 1,127.49 | 1/2      | 800.17   | 1/2      | 472.41 | 1/2    | 165.15 | 1/2    | 0.00  |        |
| 3/4 | 3/4      | 4,397.84 | 3/4      | 4,070.09 | 3/4      | 3,742.35 | 3/4      | 3,414.60 | 3/4      | 3,086.86 | 3/4      | 2,759.12 | 3/4      | 2,431.37 | 3/4      | 2,103.63 | 3/4      | 1,775.88 | 3/4      | 1,448.28 | 3/4      | 1,120.67 | 3/4      | 793.34   | 3/4      | 465.58 | 3/4    | 159.26 | 3/4    | 0.00  |        |
| 9   | 9        | 4,391.01 | 9        | 4,063.26 | 9        | 3,735.52 | 9        | 3,407.78 | 9        | 3,080.03 | 9        | 2,752.29 | 9        | 2,424.54 | 9        | 2,096.80 | 9        | 1,769.06 | 9        | 1,441.46 | 9        | 1,113.85 | 9        | 786.52   | 9        | 458.75 | 9      | 153.37 | 9      | 0.00  |        |
| 3/8 | 4,687.29 | 1/4      | 4,384.18 | 1/4      | 4,056.44 | 1/4      | 3,728.69 | 1/4      | 3,400.95 | 1/4      | 3,073.20 | 1/4      | 2,745.46 | 1/4      | 2,417.72 | 1/4      | 2        |          |          |          |          |          |          |          |          |        |        |        |        |       |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**1 STBD**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-04 3/4"

| IN  | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    | IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   |       | 0   | 4,646.01 | 0   | 4,320.64 | 0   | 3,992.81 | 0   | 3,664.98 | 0   | 3,337.15 | 0   | 3,009.32 | 0   | 2,681.49 | 0   | 2,353.66 | 0   | 2,025.83 | 0   | 1,698.00 | 0   | 1,370.41 | 0   | 1,042.71 | 0   | 715.01 | 0   | 388.02 | 0   | 95.15  |
| 1/4 | 1/4   | 1/4 | 4,639.76 | 1/4 | 4,313.81 | 1/4 | 3,985.98 | 1/4 | 3,658.15 | 1/4 | 3,330.32 | 1/4 | 3,002.49 | 1/4 | 2,674.66 | 1/4 | 2,346.83 | 1/4 | 2,019.00 | 1/4 | 1,691.17 | 1/4 | 1,363.58 | 1/4 | 1,035.88 | 1/4 | 708.18 | 1/4 | 381.40 | 1/4 | 89.98  |
| 1/2 | 1/2   | 1/2 | 4,633.50 | 1/2 | 4,306.98 | 1/2 | 3,979.15 | 1/2 | 3,651.32 | 1/2 | 3,323.49 | 1/2 | 2,995.66 | 1/2 | 2,667.83 | 1/2 | 2,340.00 | 1/2 | 2,012.17 | 1/2 | 1,684.34 | 1/2 | 1,356.76 | 1/2 | 1,029.06 | 1/2 | 701.35 | 1/2 | 374.77 | 1/2 | 84.82  |
| 3/4 | 3/4   | 3/4 | 4,627.25 | 3/4 | 4,300.15 | 3/4 | 3,972.32 | 3/4 | 3,644.49 | 3/4 | 3,316.66 | 3/4 | 2,988.83 | 3/4 | 2,661.00 | 3/4 | 2,333.17 | 3/4 | 2,005.34 | 3/4 | 1,677.51 | 3/4 | 1,349.93 | 3/4 | 1,022.23 | 3/4 | 694.52 | 3/4 | 368.14 | 3/4 | 79.65  |
| 1   | 1     | 1   | 4,620.51 | 1   | 4,293.32 | 1   | 3,965.49 | 1   | 3,637.66 | 1   | 3,309.83 | 1   | 2,982.00 | 1   | 2,654.17 | 1   | 2,326.34 | 1   | 1,998.51 | 1   | 1,670.68 | 1   | 1,343.10 | 1   | 1,015.41 | 1   | 687.69 | 1   | 361.60 | 1   | 74.59  |
| 1/4 | 1/4   | 1/4 | 4,613.76 | 1/4 | 4,286.49 | 1/4 | 3,958.66 | 1/4 | 3,630.83 | 1/4 | 3,303.00 | 1/4 | 2,975.17 | 1/4 | 2,647.34 | 1/4 | 2,319.51 | 1/4 | 1,991.68 | 1/4 | 1,663.85 | 1/4 | 1,336.27 | 1/4 | 1,008.59 | 1/4 | 680.86 | 1/4 | 355.06 | 1/4 | 69.52  |
| 1/2 | 1/2   | 1/2 | 4,607.02 | 1/2 | 4,279.66 | 1/2 | 3,951.83 | 1/2 | 3,624.00 | 1/2 | 3,296.17 | 1/2 | 2,968.34 | 1/2 | 2,640.51 | 1/2 | 2,312.68 | 1/2 | 1,984.85 | 1/2 | 1,657.02 | 1/2 | 1,329.44 | 1/2 | 1,001.76 | 1/2 | 674.03 | 1/2 | 348.51 | 1/2 | 64.46  |
| 3/4 | 3/4   | 3/4 | 4,600.28 | 3/4 | 4,272.83 | 3/4 | 3,945.00 | 3/4 | 3,617.17 | 3/4 | 3,289.34 | 3/4 | 2,961.51 | 3/4 | 2,633.68 | 3/4 | 2,305.85 | 3/4 | 1,978.02 | 3/4 | 1,650.19 | 3/4 | 1,322.61 | 3/4 | 994.94   | 3/4 | 667.20 | 3/4 | 341.97 | 3/4 | 59.40  |
| 2   | 2     | 2   | 4,593.50 | 2   | 4,266.00 | 2   | 3,938.17 | 2   | 3,610.34 | 2   | 3,282.51 | 2   | 2,954.68 | 2   | 2,626.85 | 2   | 2,299.02 | 2   | 1,971.19 | 2   | 1,643.36 | 2   | 1,315.78 | 2   | 988.11   | 2   | 660.37 | 2   | 335.53 | 2   | 54.47  |
| 1/4 | 1/4   | 1/4 | 4,586.72 | 1/4 | 4,259.17 | 1/4 | 3,931.34 | 1/4 | 3,603.51 | 1/4 | 3,275.68 | 1/4 | 2,947.85 | 1/4 | 2,620.02 | 1/4 | 2,292.19 | 1/4 | 1,964.36 | 1/4 | 1,636.53 | 1/4 | 1,308.95 | 1/4 | 981.29   | 1/4 | 653.54 | 1/4 | 329.09 | 1/4 | 49.55  |
| 1/2 | 1/2   | 1/2 | 4,579.93 | 1/2 | 4,252.34 | 1/2 | 3,924.51 | 1/2 | 3,596.68 | 1/2 | 3,268.85 | 1/2 | 2,941.02 | 1/2 | 2,613.19 | 1/2 | 2,285.36 | 1/2 | 1,957.53 | 1/2 | 1,629.70 | 1/2 | 1,302.12 | 1/2 | 974.47   | 1/2 | 646.71 | 1/2 | 322.64 | 1/2 | 44.63  |
| 3/4 | 3/4   | 3/4 | 4,573.15 | 3/4 | 4,245.51 | 3/4 | 3,917.68 | 3/4 | 3,589.85 | 3/4 | 3,262.02 | 3/4 | 2,934.19 | 3/4 | 2,606.36 | 3/4 | 2,278.53 | 3/4 | 1,950.70 | 3/4 | 1,622.87 | 3/4 | 1,295.29 | 3/4 | 967.64   | 3/4 | 639.88 | 3/4 | 316.20 | 3/4 | 39.71  |
| 3   | 3     | 3   | 4,566.35 | 3   | 4,238.69 | 3   | 3,910.85 | 3   | 3,583.02 | 3   | 3,255.19 | 3   | 2,927.36 | 3   | 2,599.53 | 3   | 2,271.70 | 3   | 1,943.87 | 3   | 1,616.05 | 3   | 1,288.46 | 3   | 960.82   | 3   | 633.05 | 3   | 309.84 | 3   | 35.64  |
| 1/4 | 1/4   | 1/4 | 4,559.55 | 1/4 | 4,231.86 | 1/4 | 3,904.02 | 1/4 | 3,576.19 | 1/4 | 3,248.36 | 1/4 | 2,920.53 | 1/4 | 2,592.70 | 1/4 | 2,264.87 | 1/4 | 1,937.04 | 1/4 | 1,609.23 | 1/4 | 1,281.63 | 1/4 | 953.99   | 1/4 | 626.22 | 1/4 | 303.48 | 1/4 | 31.57  |
| 1/2 | 1/2   | 1/2 | 4,552.74 | 1/2 | 4,225.03 | 1/2 | 3,897.20 | 1/2 | 3,569.36 | 1/2 | 3,241.53 | 1/2 | 2,913.70 | 1/2 | 2,585.87 | 1/2 | 2,258.04 | 1/2 | 1,930.21 | 1/2 | 1,602.41 | 1/2 | 1,274.80 | 1/2 | 947.17   | 1/2 | 619.39 | 1/2 | 297.12 | 1/2 | 27.50  |
| 3/4 | 3/4   | 3/4 | 4,545.94 | 3/4 | 4,218.20 | 3/4 | 3,890.37 | 3/4 | 3,562.53 | 3/4 | 3,234.70 | 3/4 | 2,906.87 | 3/4 | 2,579.04 | 3/4 | 2,251.21 | 3/4 | 1,923.38 | 3/4 | 1,595.59 | 3/4 | 1,267.98 | 3/4 | 940.34   | 3/4 | 612.56 | 3/4 | 290.76 | 3/4 | 23.43  |
| 4   | 4     | 4   | 4,539.12 | 4   | 4,211.37 | 4   | 3,883.54 | 4   | 3,555.71 | 4   | 3,227.87 | 4   | 2,900.04 | 4   | 2,572.21 | 4   | 2,244.38 | 4   | 1,916.55 | 4   | 1,588.77 | 4   | 1,261.15 | 4   | 933.52   | 4   | 605.73 | 4   | 284.48 | 4   | 21.14  |
| 1/4 | 1/4   | 1/4 | 4,532.31 | 1/4 | 4,204.54 | 1/4 | 3,876.71 | 1/4 | 3,548.88 | 1/4 | 3,221.04 | 1/4 | 2,893.21 | 1/4 | 2,565.38 | 1/4 | 2,237.55 | 1/4 | 1,909.72 | 1/4 | 1,581.95 | 1/4 | 1,254.32 | 1/4 | 926.70   | 1/4 | 598.90 | 1/4 | 278.21 | 1/4 | 18.86  |
| 1/2 | 1/2   | 1/2 | 4,525.49 | 1/2 | 4,197.71 | 1/2 | 3,869.88 | 1/2 | 3,542.05 | 1/2 | 3,214.22 | 1/2 | 2,886.38 | 1/2 | 2,558.55 | 1/2 | 2,230.72 | 1/2 | 1,902.89 | 1/2 | 1,575.13 | 1/2 | 1,247.49 | 1/2 | 919.87   | 1/2 | 592.07 | 1/2 | 271.93 | 1/2 | 16.57  |
| 3/4 | 3/4   | 3/4 | 4,518.67 | 3/4 | 4,190.88 | 3/4 | 3,863.05 | 3/4 | 3,535.22 | 3/4 | 3,207.39 | 3/4 | 2,879.55 | 3/4 | 2,551.72 | 3/4 | 2,223.89 | 3/4 | 1,896.06 | 3/4 | 1,568.31 | 3/4 | 1,240.66 | 3/4 | 913.05   | 3/4 | 585.24 | 3/4 | 265.65 | 3/4 | 14.29  |
| 5   | 5     | 5   | 4,511.85 | 5   | 4,184.05 | 5   | 3,856.22 | 5   | 3,528.39 | 5   | 3,200.56 | 5   | 2,872.73 | 5   | 2,544.89 | 5   | 2,217.06 | 5   | 1,889.23 | 5   | 1,561.49 | 5   | 1,233.83 | 5   | 906.22   | 5   | 578.41 | 5   | 259.43 | 5   |        |
| 1/4 | 1/4   | 1/4 | 4,505.02 | 1/4 | 4,177.22 | 1/4 | 3,849.39 | 1/4 | 3,521.56 | 1/4 | 3,193.73 | 1/4 | 2,865.90 | 1/4 | 2,538.06 | 1/4 | 2,210.23 | 1/4 | 1,882.40 | 1/4 | 1,554.67 | 1/4 | 1,227.00 | 1/4 | 899.40   | 1/4 | 571.58 | 1/4 | 253.22 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,498.19 | 1/2 | 4,170.39 | 1/2 | 3,842.56 | 1/2 | 3,514.73 | 1/2 | 3,186.90 | 1/2 | 2,859.07 | 1/2 | 2,531.24 | 1/2 | 2,203.40 | 1/2 | 1,875.57 | 1/2 | 1,547.85 | 1/2 | 1,220.17 | 1/2 | 892.57   | 1/2 | 564.75 | 1/2 | 247.00 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,491.37 | 3/4 | 4,163.56 | 3/4 | 3,835.73 | 3/4 | 3,507.90 | 3/4 | 3,180.07 | 3/4 | 2,852.24 | 3/4 | 2,524.41 | 3/4 | 2,196.57 | 3/4 | 1,868.74 | 3/4 | 1,541.03 | 3/4 | 1,213.34 | 3/4 | 885.75   | 3/4 | 557.92 | 3/4 | 240.78 | 3/4 |        |
| 6   | 6     | 6   | 4,484.54 | 6   | 4,156.73 | 6   | 3,828.90 | 6   | 3,501.07 | 6   | 3,173.24 | 6   | 2,845.41 | 6   | 2,517.58 | 6   | 2,189.75 | 6   | 1,861.91 | 6   | 1,534.21 | 6   | 1,206.51 | 6   | 878.92   | 6   | 551.09 | 6   | 234.65 | 6   |        |
| 1/4 | 1/4   | 1/4 | 4,477.72 | 1/4 | 4,149.90 | 1/4 | 3,822.07 | 1/4 | 3,494.24 | 1/4 | 3,166.41 | 1/4 | 2,838.58 | 1/4 | 2,510.75 | 1/4 | 2,182.92 | 1/4 | 1,855.08 | 1/4 | 1,527.39 | 1/4 | 1,199.68 | 1/4 | 872.09   | 1/4 | 544.26 | 1/4 | 228.51 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,470.89 | 1/2 | 4,143.07 | 1/2 | 3,815.24 | 1/2 | 3,487.41 | 1/2 | 3,159.58 | 1/2 | 2,831.75 | 1/2 | 2,503.92 | 1/2 | 2,176.09 | 1/2 | 1,848.26 | 1/2 | 1,520.57 | 1/2 | 1,192.85 | 1/2 | 865.27   | 1/2 | 537.43 | 1/2 | 222.38 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,464.07 | 3/4 | 4,136.24 | 3/4 | 3,808.41 | 3/4 | 3,480.58 | 3/4 | 3,152.75 | 3/4 | 2,824.92 | 3/4 | 2,497.09 | 3/4 | 2,169.26 | 3/4 | 1,841.43 | 3/4 | 1,513.75 | 3/4 | 1,186.03 | 3/4 | 858.44   | 3/4 | 530.60 | 3/4 | 216.24 | 3/4 |        |
| 7   | 7     | 7   | 4,457.24 | 7   | 4,129.41 | 7   | 3,801.58 | 7   | 3,473.75 | 7   | 3,145.92 | 7   | 2,818.09 | 7   | 2,490.26 | 7   | 2,162.43 | 7   | 1,834.60 | 7   | 1,506.93 | 7   | 1,179.20 | 7   | 851.61   | 7   | 523.77 | 7   | 210.19 | 7   |        |
| 1/4 | 1/4   | 1/4 | 4,450.41 | 1/4 | 4,122.58 | 1/4 | 3,794.75 | 1/4 | 3,466.92 | 1/4 | 3,139.09 | 1/4 | 2,811.26 | 1/4 | 2,483.43 | 1/4 | 2,155.60 | 1/4 | 1,827.77 | 1/4 | 1,500.11 | 1/4 | 1,172.37 | 1/4 | 844.78   | 1/4 | 516.94 | 1/4 | 204.13 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,443.58 | 1/2 | 4,115.75 | 1/2 | 3,787.92 | 1/2 | 3,460.09 | 1/2 | 3,132.26 | 1/2 | 2,804.43 | 1/2 | 2,476.60 | 1/2 | 2,148.77 | 1/2 | 1,820.94 | 1/2 | 1,493.29 | 1/2 | 1,165.55 | 1/2 | 837.95   | 1/2 | 510.11 | 1/2 | 198.08 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,436.75 | 3/4 | 4,108.92 | 3/4 | 3,781.09 | 3/4 | 3,453.26 | 3/4 | 3,125.43 | 3/4 | 2,797.60 | 3/4 | 2,469.77 | 3/4 | 2,141.94 | 3/4 | 1,814.11 | 3/4 | 1,486.47 | 3/4 | 1,158.72 | 3/4 | 831.12   | 3/4 | 503.28 | 3/4 | 192.03 | 3/4 |        |
| 8   | 8     | 8   | 4,429.92 | 8   | 4,102.09 | 8   | 3,774.26 | 8   | 3,446.43 | 8   | 3,118.60 | 8   | 2,790.77 | 8   | 2,462.94 | 8   | 2,135.11 | 8   | 1,807.28 | 8   | 1,479.65 | 8   | 1,151.89 | 8   | 824.29   | 8   | 496.45 | 8   | 186.06 | 8   |        |
| 1/4 | 1/4   | 1/4 | 4,423.09 | 1/4 | 4,095.26 | 1/4 | 3,767.43 | 1/4 | 3,439.60 | 1/4 | 3,111.77 | 1/4 | 2,783.94 | 1/4 | 2,456.11 | 1/4 | 2,128.28 | 1/4 | 1,800.45 | 1/4 | 1,472.83 | 1/4 | 1,145.07 | 1/4 | 817.46   | 1/4 | 489.62 | 1/4 | 180.08 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,416.26 | 1/2 | 4,088.43 | 1/2 | 3,760.60 | 1/2 | 3,432.77 | 1/2 | 3,104.94 | 1/2 | 2,777.11 | 1/2 | 2,449.28 | 1/2 | 2,121.45 | 1/2 | 1,793.62 | 1/2 | 1,466.01 | 1/2 | 1,138.25 | 1/2 | 810.63   | 1/2 | 482.78 | 1/2 | 174.11 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,409.43 | 3/4 | 4,081.60 | 3/4 | 3,753.77 | 3/4 | 3,425.94 | 3/4 | 3,098.11 | 3/4 | 2,770.28 | 3/4 | 2,442.45 | 3/4 | 2,114.62 | 3/4 | 1,786.79 | 3/4 | 1,459.19 | 3/4 | 1,131.42 | 3/4 | 803.80   | 3/4 | 475.95 | 3/4 | 168.14 | 3/4 |        |
| 9   | 9     | 9   | 4,402.60 | 9   | 4,074.77 | 9   | 3,746.94 | 9   | 3,419.11 | 9   | 3,091.28 | 9   | 2,763.45 | 9   | 2,435.62 | 9   | 2,107.79 | 9   | 1,779.96 | 9   | 1,452.36 | 9   | 1,124.60 | 9   | 796.97   | 9   | 469.12 | 9   | 162.25 | 9   |        |
| 1/4 | 1/4   | 1/4 | 4,395.77 | 1/4 | 4,067.94 | 1/4 | 3,740.11 | 1/4 | 3,412.28 | 1   |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**2 PORT**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-04 1/2"

| IN  | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    | IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 5,016.93 | 0   | 4,668.77 | 0   | 4,318.60 | 0   | 3,968.43 | 0   | 3,618.25 | 0   | 3,268.08 | 0   | 2,917.90 | 0   | 2,567.73 | 0   | 2,217.55 | 0   | 1,867.38 | 0   | 1,517.97 | 0   | 1,167.82 | 0   | 818.80 | 0   | 469.31 | 0   | 122.38 |
| 1/4 | 1/4   | 1/4 | 5,010.25 | 1/4 | 4,661.48 | 1/4 | 4,311.30 | 1/4 | 3,961.13 | 1/4 | 3,610.96 | 1/4 | 3,260.78 | 1/4 | 2,910.61 | 1/4 | 2,560.43 | 1/4 | 2,210.26 | 1/4 | 1,860.08 | 1/4 | 1,510.68 | 1/4 | 1,160.52 | 1/4 | 811.55 | 1/4 | 462.01 | 1/4 | 115.60 |
| 1/2 | 1/2   | 1/2 | 5,003.57 | 1/2 | 4,654.18 | 1/2 | 4,304.01 | 1/2 | 3,953.83 | 1/2 | 3,603.66 | 1/2 | 3,253.49 | 1/2 | 2,903.31 | 1/2 | 2,553.14 | 1/2 | 2,202.96 | 1/2 | 1,852.79 | 1/2 | 1,503.38 | 1/2 | 1,153.23 | 1/2 | 804.29 | 1/2 | 454.72 | 1/2 | 108.81 |
| 3/4 | 3/4   | 3/4 | 4,996.37 | 3/4 | 4,646.89 | 3/4 | 4,296.71 | 3/4 | 3,946.54 | 3/4 | 3,596.37 | 3/4 | 3,246.19 | 3/4 | 2,896.02 | 3/4 | 2,545.84 | 3/4 | 2,195.67 | 3/4 | 1,845.49 | 3/4 | 1,496.09 | 3/4 | 1,145.93 | 3/4 | 797.03 | 3/4 | 447.42 | 3/4 | 102.05 |
| 1   | 1     | 1   | 4,989.17 | 1   | 4,639.59 | 1   | 4,289.42 | 1   | 3,939.24 | 1   | 3,589.07 | 1   | 3,238.90 | 1   | 2,888.72 | 1   | 2,538.55 | 1   | 2,188.37 | 1   | 1,838.20 | 1   | 1,488.79 | 1   | 1,138.64 | 1   | 789.78 | 1   | 440.13 | 1   | 95.29  |
| 1/4 | 1/4   | 1/4 | 4,981.97 | 1/4 | 4,632.30 | 1/4 | 4,282.12 | 1/4 | 3,931.95 | 1/4 | 3,581.77 | 1/4 | 3,231.60 | 1/4 | 2,881.43 | 1/4 | 2,531.25 | 1/4 | 2,181.08 | 1/4 | 1,830.90 | 1/4 | 1,481.50 | 1/4 | 1,131.34 | 1/4 | 782.52 | 1/4 | 432.83 | 1/4 | 88.53  |
| 1/2 | 1/2   | 1/2 | 4,974.76 | 1/2 | 4,625.00 | 1/2 | 4,274.83 | 1/2 | 3,924.65 | 1/2 | 3,574.48 | 1/2 | 3,224.30 | 1/2 | 2,874.13 | 1/2 | 2,523.96 | 1/2 | 2,173.78 | 1/2 | 1,823.61 | 1/2 | 1,474.20 | 1/2 | 1,124.05 | 1/2 | 775.26 | 1/2 | 425.54 | 1/2 | 81.77  |
| 3/4 | 3/4   | 3/4 | 4,967.52 | 3/4 | 4,617.71 | 3/4 | 4,267.53 | 3/4 | 3,917.36 | 3/4 | 3,567.18 | 3/4 | 3,217.01 | 3/4 | 2,866.84 | 3/4 | 2,516.66 | 3/4 | 2,166.49 | 3/4 | 1,816.31 | 3/4 | 1,466.91 | 3/4 | 1,116.75 | 3/4 | 768.01 | 3/4 | 418.26 | 3/4 | 75.07  |
| 2   | 2     | 2   | 4,960.28 | 2   | 4,610.41 | 2   | 4,260.24 | 2   | 3,910.06 | 2   | 3,559.89 | 2   | 3,209.71 | 2   | 2,859.54 | 2   | 2,509.37 | 2   | 2,159.19 | 2   | 1,809.02 | 2   | 1,459.61 | 2   | 1,109.46 | 2   | 760.75 | 2   | 410.98 | 2   | 68.37  |
| 1/4 | 1/4   | 1/4 | 4,953.03 | 1/4 | 4,603.12 | 1/4 | 4,252.94 | 1/4 | 3,902.77 | 1/4 | 3,552.59 | 1/4 | 3,202.42 | 1/4 | 2,852.24 | 1/4 | 2,502.07 | 1/4 | 2,151.90 | 1/4 | 1,801.72 | 1/4 | 1,452.32 | 1/4 | 1,102.16 | 1/4 | 753.49 | 1/4 | 403.71 | 1/4 | 61.67  |
| 1/2 | 1/2   | 1/2 | 4,945.79 | 1/2 | 4,595.82 | 1/2 | 4,245.65 | 1/2 | 3,895.47 | 1/2 | 3,545.30 | 1/2 | 3,195.12 | 1/2 | 2,844.95 | 1/2 | 2,494.77 | 1/2 | 2,144.60 | 1/2 | 1,794.43 | 1/2 | 1,445.02 | 1/2 | 1,094.87 | 1/2 | 746.24 | 1/2 | 396.43 | 1/2 | 54.97  |
| 3/4 | 3/4   | 3/4 | 4,938.52 | 3/4 | 4,588.53 | 3/4 | 4,238.35 | 3/4 | 3,888.18 | 3/4 | 3,538.00 | 3/4 | 3,187.83 | 3/4 | 2,837.65 | 3/4 | 2,487.48 | 3/4 | 2,137.31 | 3/4 | 1,787.13 | 3/4 | 1,437.73 | 3/4 | 1,087.57 | 3/4 | 738.98 | 3/4 | 389.16 | 3/4 | 49.09  |
| 3   | 3     | 3   | 4,931.25 | 3   | 4,581.23 | 3   | 4,231.06 | 3   | 3,880.88 | 3   | 3,530.71 | 3   | 3,180.53 | 3   | 2,830.36 | 3   | 2,480.18 | 3   | 2,130.01 | 3   | 1,779.84 | 3   | 1,430.43 | 3   | 1,080.28 | 3   | 731.72 | 3   | 381.88 | 3   | 43.21  |
| 1/4 | 1/4   | 1/4 | 4,923.99 | 1/4 | 4,573.94 | 1/4 | 4,223.76 | 1/4 | 3,873.59 | 1/4 | 3,523.41 | 1/4 | 3,173.24 | 1/4 | 2,823.06 | 1/4 | 2,472.89 | 1/4 | 2,122.71 | 1/4 | 1,772.54 | 1/4 | 1,423.14 | 1/4 | 1,072.98 | 1/4 | 724.47 | 1/4 | 374.61 | 1/4 | 37.33  |
| 1/2 | 1/2   | 1/2 | 4,916.72 | 1/2 | 4,566.64 | 1/2 | 4,216.47 | 1/2 | 3,866.29 | 1/2 | 3,516.12 | 1/2 | 3,165.94 | 1/2 | 2,815.77 | 1/2 | 2,465.59 | 1/2 | 2,115.42 | 1/2 | 1,765.24 | 1/2 | 1,415.84 | 1/2 | 1,065.69 | 1/2 | 717.21 | 1/2 | 367.33 | 1/2 | 31.46  |
| 3/4 | 3/4   | 3/4 | 4,909.44 | 3/4 | 4,559.34 | 3/4 | 4,209.17 | 3/4 | 3,859.00 | 3/4 | 3,508.82 | 3/4 | 3,158.65 | 3/4 | 2,808.47 | 3/4 | 2,458.30 | 3/4 | 2,108.12 | 3/4 | 1,757.95 | 3/4 | 1,408.55 | 3/4 | 1,058.39 | 3/4 | 709.95 | 3/4 | 360.06 | 3/4 | 27.40  |
| 4   | 4     | 4   | 4,902.16 | 4   | 4,552.05 | 4   | 4,201.88 | 4   | 3,851.70 | 4   | 3,501.53 | 4   | 3,151.35 | 4   | 2,801.18 | 4   | 2,451.00 | 4   | 2,100.83 | 4   | 1,750.65 | 4   | 1,401.25 | 4   | 1,051.10 | 4   | 702.69 | 4   | 352.78 | 4   | 23.34  |
| 1/4 | 1/4   | 1/4 | 4,894.88 | 1/4 | 4,544.75 | 1/4 | 4,194.58 | 1/4 | 3,844.41 | 1/4 | 3,494.23 | 1/4 | 3,144.06 | 1/4 | 2,793.88 | 1/4 | 2,443.71 | 1/4 | 2,093.53 | 1/4 | 1,743.36 | 1/4 | 1,393.96 | 1/4 | 1,043.80 | 1/4 | 695.43 | 1/4 | 345.50 | 1/4 | 19.28  |
| 1/2 | 1/2   | 1/2 | 4,887.59 | 1/2 | 4,537.46 | 1/2 | 4,187.28 | 1/2 | 3,837.11 | 1/2 | 3,486.94 | 1/2 | 3,136.76 | 1/2 | 2,786.59 | 1/2 | 2,436.41 | 1/2 | 2,086.24 | 1/2 | 1,736.06 | 1/2 | 1,386.66 | 1/2 | 1,036.51 | 1/2 | 688.17 | 1/2 | 338.23 | 1/2 | 15.22  |
| 3/4 | 3/4   | 3/4 | 4,880.30 | 3/4 | 4,530.16 | 3/4 | 4,179.99 | 3/4 | 3,829.81 | 3/4 | 3,479.64 | 3/4 | 3,129.47 | 3/4 | 2,779.29 | 3/4 | 2,429.12 | 3/4 | 2,078.94 | 3/4 | 1,728.77 | 3/4 | 1,379.37 | 3/4 | 1,029.25 | 3/4 | 680.88 | 3/4 | 330.93 | 3/4 | 11.11  |
| 5   | 5     | 5   | 4,873.01 | 5   | 4,522.87 | 5   | 4,172.69 | 5   | 3,822.52 | 5   | 3,472.35 | 5   | 3,122.17 | 5   | 2,772.00 | 5   | 2,421.82 | 5   | 2,071.65 | 5   | 1,721.47 | 5   | 1,372.07 | 5   | 1,021.99 | 5   | 673.58 | 5   | 323.64 | 5   | 6.11   |
| 1/4 | 1/4   | 1/4 | 4,865.72 | 1/4 | 4,515.57 | 1/4 | 4,165.40 | 1/4 | 3,815.22 | 1/4 | 3,465.05 | 1/4 | 3,114.88 | 1/4 | 2,764.70 | 1/4 | 2,414.53 | 1/4 | 2,064.35 | 1/4 | 1,714.18 | 1/4 | 1,364.78 | 1/4 | 1,014.73 | 1/4 | 666.29 | 1/4 | 316.34 | 1/4 | 1.11   |
| 1/2 | 1/2   | 1/2 | 4,858.43 | 1/2 | 4,508.28 | 1/2 | 4,158.10 | 1/2 | 3,807.93 | 1/2 | 3,457.75 | 1/2 | 3,107.58 | 1/2 | 2,757.41 | 1/2 | 2,407.23 | 1/2 | 2,057.06 | 1/2 | 1,706.88 | 1/2 | 1,357.48 | 1/2 | 1,007.47 | 1/2 | 658.99 | 1/2 | 309.05 | 1/2 | 0.11   |
| 3/4 | 3/4   | 3/4 | 4,851.14 | 3/4 | 4,500.98 | 3/4 | 4,150.81 | 3/4 | 3,800.63 | 3/4 | 3,450.46 | 3/4 | 3,100.28 | 3/4 | 2,750.11 | 3/4 | 2,399.94 | 3/4 | 2,049.76 | 3/4 | 1,699.62 | 3/4 | 1,350.19 | 3/4 | 1,000.22 | 3/4 | 651.70 | 3/4 | 301.75 | 3/4 | 0.11   |
| 6   | 6     | 6   | 4,843.85 | 6   | 4,493.69 | 6   | 4,143.51 | 6   | 3,793.34 | 6   | 3,443.16 | 6   | 3,092.99 | 6   | 2,742.81 | 6   | 2,392.64 | 6   | 2,042.47 | 6   | 1,692.36 | 6   | 1,342.89 | 6   | 992.96   | 6   | 644.40 | 6   | 294.46 | 6   | 0.11   |
| 1/4 | 1/4   | 1/4 | 4,836.56 | 1/4 | 4,486.39 | 1/4 | 4,136.22 | 1/4 | 3,786.04 | 1/4 | 3,435.87 | 1/4 | 3,085.69 | 1/4 | 2,735.52 | 1/4 | 2,385.35 | 1/4 | 2,035.17 | 1/4 | 1,685.09 | 1/4 | 1,335.60 | 1/4 | 985.70   | 1/4 | 637.11 | 1/4 | 287.16 | 1/4 | 0.11   |
| 1/2 | 1/2   | 1/2 | 4,829.27 | 1/2 | 4,479.10 | 1/2 | 4,128.92 | 1/2 | 3,778.75 | 1/2 | 3,428.57 | 1/2 | 3,078.40 | 1/2 | 2,728.22 | 1/2 | 2,378.05 | 1/2 | 2,027.88 | 1/2 | 1,677.83 | 1/2 | 1,328.30 | 1/2 | 978.44   | 1/2 | 629.81 | 1/2 | 279.86 | 1/2 | 0.11   |
| 3/4 | 3/4   | 3/4 | 4,821.98 | 3/4 | 4,471.80 | 3/4 | 4,121.63 | 3/4 | 3,771.45 | 3/4 | 3,421.28 | 3/4 | 3,071.10 | 3/4 | 2,720.93 | 3/4 | 2,370.75 | 3/4 | 2,020.58 | 3/4 | 1,670.57 | 3/4 | 1,321.01 | 3/4 | 971.19   | 3/4 | 622.51 | 3/4 | 272.57 | 3/4 | 0.11   |
| 7   | 7     | 7   | 4,814.68 | 7   | 4,464.51 | 7   | 4,114.33 | 7   | 3,764.16 | 7   | 3,413.98 | 7   | 3,063.81 | 7   | 2,713.63 | 7   | 2,363.46 | 7   | 2,013.28 | 7   | 1,663.30 | 7   | 1,313.71 | 7   | 963.93   | 7   | 615.22 | 7   | 265.27 | 7   | 0.11   |
| 1/4 | 1/4   | 1/4 | 4,807.38 | 1/4 | 4,457.21 | 1/4 | 4,107.04 | 1/4 | 3,756.86 | 1/4 | 3,406.69 | 1/4 | 3,056.51 | 1/4 | 2,706.34 | 1/4 | 2,356.16 | 1/4 | 2,005.99 | 1/4 | 1,656.04 | 1/4 | 1,306.42 | 1/4 | 956.67   | 1/4 | 607.92 | 1/4 | 257.98 | 1/4 | 0.11   |
| 1/2 | 1/2   | 1/2 | 4,800.09 | 1/2 | 4,449.92 | 1/2 | 4,099.74 | 1/2 | 3,749.57 | 1/2 | 3,399.39 | 1/2 | 3,049.22 | 1/2 | 2,699.04 | 1/2 | 2,348.87 | 1/2 | 1,998.69 | 1/2 | 1,648.78 | 1/2 | 1,299.13 | 1/2 | 949.42   | 1/2 | 600.63 | 1/2 | 250.68 | 1/2 | 0.11   |
| 3/4 | 3/4   | 3/4 | 4,792.79 | 3/4 | 4,442.62 | 3/4 | 4,092.45 | 3/4 | 3,742.27 | 3/4 | 3,392.10 | 3/4 | 3,041.92 | 3/4 | 2,691.75 | 3/4 | 2,341.57 | 3/4 | 1,991.40 | 3/4 | 1,641.51 | 3/4 | 1,291.83 | 3/4 | 942.16   | 3/4 | 593.33 | 3/4 | 243.39 | 3/4 | 0.11   |
| 8   | 8     | 8   | 4,785.50 | 8   | 4,435.32 | 8   | 4,085.15 | 8   | 3,734.98 | 8   | 3,384.80 | 8   | 3,034.63 | 8   | 2,684.45 | 8   | 2,334.28 | 8   | 1,984.10 | 8   | 1,634.25 | 8   | 1,284.54 | 8   | 934.90   | 8   | 586.04 | 8   | 236.09 | 8   | 0.11   |
| 1/4 | 1/4   | 1/4 | 4,778.20 | 1/4 | 4,428.03 | 1/4 | 4,077.85 | 1/4 | 3,727.68 | 1/4 | 3,377.51 | 1/4 | 3,027.33 | 1/4 | 2,677.16 | 1/4 | 2,326.98 | 1/4 | 1,976.81 | 1/4 | 1,626.98 | 1/4 | 1,277.24 | 1/4 | 927.65   | 1/4 | 578.74 | 1/4 | 228.80 | 1/4 | 0.11   |
| 1/2 | 1/2   | 1/2 | 4,770.91 | 1/2 | 4,420.73 | 1/2 | 4,070.56 | 1/2 | 3,720.39 | 1/2 | 3,370.21 | 1/2 | 3,020.04 | 1/2 | 2,669.86 | 1/2 | 2,319.69 | 1/2 | 1,969.51 | 1/2 | 1,619.72 | 1/2 | 1,269.95 | 1/2 | 920.39   | 1/2 | 571.45 | 1/2 | 221.50 | 1/2 | 0.11   |
| 3/4 | 3/4   | 3/4 | 4,763.61 | 3/4 | 4,413.44 | 3/4 | 4,063.26 | 3/4 | 3,713.09 | 3/4 | 3,362.92 | 3/4 | 3,012.74 | 3/4 | 2,662.57 | 3/4 | 2,312.39 | 3/4 | 1,962.22 | 3/4 | 1,612.46 | 3/4 | 1,262.65 | 3/4 | 913.14   | 3/4 | 564.15 | 3/4 | 214.21 | 3/4 | 0.11   |
| 9   | 9     | 9   | 4,756.32 | 9   | 4,406.14 | 9   | 4,055.97 | 9   | 3,705.79 | 9   | 3,355.62 | 9   | 3,005.45 | 9   | 2,655.27 | 9   | 2,305.10 | 9   | 1,       |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**2 STBD**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-04 1/4"

| IN  | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    | IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 5,007.94 | 0   | 4,659.40 | 0   | 4,309.50 | 0   | 3,959.59 | 0   | 3,609.69 | 0   | 3,259.78 | 0   | 2,909.88 | 0   | 2,559.97 | 0   | 2,210.07 | 0   | 1,860.16 | 0   | 1,511.02 | 0   | 1,161.13 | 0   | 813.53 | 0   | 461.67 | 0   | 115.51 |
| 1/4 | 1/4   | 1/4 | 5,001.27 | 1/4 | 4,652.12 | 1/4 | 4,302.21 | 1/4 | 3,952.30 | 1/4 | 3,602.40 | 1/4 | 3,252.49 | 1/4 | 2,902.59 | 1/4 | 2,552.68 | 1/4 | 2,202.78 | 1/4 | 1,852.87 | 1/4 | 1,503.73 | 1/4 | 1,153.84 | 1/4 | 804.25 | 1/4 | 454.38 | 1/4 | 108.73 |
| 1/2 | 1/2   | 1/2 | 4,994.07 | 1/2 | 4,644.83 | 1/2 | 4,294.92 | 1/2 | 3,945.01 | 1/2 | 3,595.11 | 1/2 | 3,245.20 | 1/2 | 2,895.30 | 1/2 | 2,545.39 | 1/2 | 2,195.49 | 1/2 | 1,845.58 | 1/2 | 1,496.44 | 1/2 | 1,146.55 | 1/2 | 796.96 | 1/2 | 447.09 | 1/2 | 101.97 |
| 3/4 | 3/4   | 3/4 | 4,986.87 | 3/4 | 4,637.54 | 3/4 | 4,287.63 | 3/4 | 3,937.72 | 3/4 | 3,587.82 | 3/4 | 3,237.91 | 3/4 | 2,888.01 | 3/4 | 2,538.10 | 3/4 | 2,188.20 | 3/4 | 1,838.29 | 3/4 | 1,489.15 | 3/4 | 1,139.26 | 3/4 | 789.68 | 3/4 | 439.80 | 3/4 | 95.21  |
| 1   | 1     | 1   | 4,979.67 | 1   | 4,630.25 | 1   | 4,280.34 | 1   | 3,930.43 | 1   | 3,580.53 | 1   | 3,230.62 | 1   | 2,880.72 | 1   | 2,530.81 | 1   | 2,180.91 | 1   | 1,831.00 | 1   | 1,481.86 | 1   | 1,131.97 | 1   | 782.40 | 1   | 432.51 | 1   | 88.46  |
| 1/4 | 1/4   | 1/4 | 4,972.48 | 1/4 | 4,622.96 | 1/4 | 4,273.05 | 1/4 | 3,923.15 | 1/4 | 3,573.24 | 1/4 | 3,223.33 | 1/4 | 2,873.43 | 1/4 | 2,523.52 | 1/4 | 2,173.62 | 1/4 | 1,823.71 | 1/4 | 1,474.57 | 1/4 | 1,124.68 | 1/4 | 775.12 | 1/4 | 425.22 | 1/4 | 81.70  |
| 1/2 | 1/2   | 1/2 | 4,965.24 | 1/2 | 4,615.67 | 1/2 | 4,265.76 | 1/2 | 3,915.86 | 1/2 | 3,565.95 | 1/2 | 3,216.04 | 1/2 | 2,866.14 | 1/2 | 2,516.23 | 1/2 | 2,166.33 | 1/2 | 1,816.42 | 1/2 | 1,467.28 | 1/2 | 1,117.39 | 1/2 | 767.83 | 1/2 | 417.95 | 1/2 | 75.01  |
| 3/4 | 3/4   | 3/4 | 4,958.00 | 3/4 | 4,608.38 | 3/4 | 4,258.47 | 3/4 | 3,908.57 | 3/4 | 3,558.66 | 3/4 | 3,208.75 | 3/4 | 2,858.85 | 3/4 | 2,508.94 | 3/4 | 2,159.04 | 3/4 | 1,809.13 | 3/4 | 1,459.99 | 3/4 | 1,110.11 | 3/4 | 760.55 | 3/4 | 410.68 | 3/4 | 68.31  |
| 2   | 2     | 2   | 4,950.76 | 2   | 4,601.09 | 2   | 4,251.18 | 2   | 3,901.28 | 2   | 3,551.37 | 2   | 3,201.46 | 2   | 2,851.56 | 2   | 2,501.65 | 2   | 2,151.75 | 2   | 1,801.84 | 2   | 1,452.70 | 2   | 1,102.82 | 2   | 753.27 | 2   | 403.41 | 2   | 61.62  |
| 1/4 | 1/4   | 1/4 | 4,943.52 | 1/4 | 4,593.80 | 1/4 | 4,243.89 | 1/4 | 3,893.99 | 1/4 | 3,544.08 | 1/4 | 3,194.18 | 1/4 | 2,844.27 | 1/4 | 2,494.36 | 1/4 | 2,144.46 | 1/4 | 1,794.55 | 1/4 | 1,445.41 | 1/4 | 1,095.53 | 1/4 | 745.99 | 1/4 | 396.14 | 1/4 | 54.92  |
| 1/2 | 1/2   | 1/2 | 4,936.26 | 1/2 | 4,586.51 | 1/2 | 4,236.60 | 1/2 | 3,886.70 | 1/2 | 3,536.79 | 1/2 | 3,186.89 | 1/2 | 2,836.98 | 1/2 | 2,487.07 | 1/2 | 2,137.17 | 1/2 | 1,787.26 | 1/2 | 1,438.12 | 1/2 | 1,088.24 | 1/2 | 738.70 | 1/2 | 388.87 | 1/2 | 49.05  |
| 3/4 | 3/4   | 3/4 | 4,929.00 | 3/4 | 4,579.22 | 3/4 | 4,229.31 | 3/4 | 3,879.41 | 3/4 | 3,529.50 | 3/4 | 3,179.60 | 3/4 | 2,829.69 | 3/4 | 2,479.78 | 3/4 | 2,129.88 | 3/4 | 1,779.97 | 3/4 | 1,430.83 | 3/4 | 1,080.96 | 3/4 | 731.41 | 3/4 | 381.60 | 3/4 | 43.18  |
| 3   | 3     | 3   | 4,921.74 | 3   | 4,571.93 | 3   | 4,222.02 | 3   | 3,872.12 | 3   | 3,522.21 | 3   | 3,172.31 | 3   | 2,822.40 | 3   | 2,472.49 | 3   | 2,122.59 | 3   | 1,772.68 | 3   | 1,423.54 | 3   | 1,073.68 | 3   | 724.12 | 3   | 374.33 | 3   | 37.31  |
| 1/4 | 1/4   | 1/4 | 4,914.48 | 1/4 | 4,564.64 | 1/4 | 4,214.73 | 1/4 | 3,864.83 | 1/4 | 3,514.92 | 1/4 | 3,165.02 | 1/4 | 2,815.11 | 1/4 | 2,465.21 | 1/4 | 2,115.30 | 1/4 | 1,765.39 | 1/4 | 1,416.26 | 1/4 | 1,066.39 | 1/4 | 716.83 | 1/4 | 367.06 | 1/4 | 31.43  |
| 1/2 | 1/2   | 1/2 | 4,907.20 | 1/2 | 4,557.35 | 1/2 | 4,207.44 | 1/2 | 3,857.54 | 1/2 | 3,507.63 | 1/2 | 3,157.73 | 1/2 | 2,807.82 | 1/2 | 2,457.92 | 1/2 | 2,108.01 | 1/2 | 1,758.10 | 1/2 | 1,408.97 | 1/2 | 1,059.11 | 1/2 | 709.54 | 1/2 | 359.79 | 1/2 | 27.38  |
| 3/4 | 3/4   | 3/4 | 4,899.93 | 3/4 | 4,550.06 | 3/4 | 4,200.15 | 3/4 | 3,850.25 | 3/4 | 3,500.34 | 3/4 | 3,150.44 | 3/4 | 2,800.53 | 3/4 | 2,450.63 | 3/4 | 2,100.72 | 3/4 | 1,750.81 | 3/4 | 1,401.68 | 3/4 | 1,051.82 | 3/4 | 702.25 | 3/4 | 352.52 | 3/4 | 23.32  |
| 4   | 4     | 4   | 4,892.65 | 4   | 4,542.77 | 4   | 4,192.86 | 4   | 3,842.96 | 4   | 3,493.05 | 4   | 3,143.15 | 4   | 2,793.24 | 4   | 2,443.34 | 4   | 2,093.43 | 4   | 1,743.52 | 4   | 1,394.39 | 4   | 1,044.54 | 4   | 694.96 | 4   | 345.25 | 4   | 19.27  |
| 1/4 | 1/4   | 1/4 | 4,885.37 | 1/4 | 4,535.48 | 1/4 | 4,185.57 | 1/4 | 3,835.67 | 1/4 | 3,485.76 | 1/4 | 3,135.86 | 1/4 | 2,785.95 | 1/4 | 2,436.05 | 1/4 | 2,086.14 | 1/4 | 1,736.24 | 1/4 | 1,387.10 | 1/4 | 1,037.25 | 1/4 | 687.67 | 1/4 | 337.98 | 1/4 | 15.21  |
| 1/2 | 1/2   | 1/2 | 4,878.09 | 1/2 | 4,528.19 | 1/2 | 4,178.28 | 1/2 | 3,828.38 | 1/2 | 3,478.47 | 1/2 | 3,128.57 | 1/2 | 2,778.66 | 1/2 | 2,428.76 | 1/2 | 2,078.85 | 1/2 | 1,728.98 | 1/2 | 1,379.81 | 1/2 | 1,029.97 | 1/2 | 680.38 | 1/2 | 330.69 | 1/2 | 11.21  |
| 3/4 | 3/4   | 3/4 | 4,870.80 | 3/4 | 4,520.90 | 3/4 | 4,170.99 | 3/4 | 3,821.09 | 3/4 | 3,471.18 | 3/4 | 3,121.28 | 3/4 | 2,771.37 | 3/4 | 2,421.47 | 3/4 | 2,071.56 | 3/4 | 1,721.72 | 3/4 | 1,372.52 | 3/4 | 1,023.69 | 3/4 | 673.09 | 3/4 | 323.40 | 3/4 | 6.21   |
| 5   | 5     | 5   | 4,863.52 | 5   | 4,513.61 | 5   | 4,163.71 | 5   | 3,813.80 | 5   | 3,463.89 | 5   | 3,113.99 | 5   | 2,764.08 | 5   | 2,414.18 | 5   | 2,064.27 | 5   | 1,714.46 | 5   | 1,365.23 | 5   | 1,015.41 | 5   | 665.80 | 5   | 316.11 | 5   | 1.21   |
| 1/4 | 1/4   | 1/4 | 4,856.23 | 1/4 | 4,506.32 | 1/4 | 4,156.42 | 1/4 | 3,806.51 | 1/4 | 3,456.60 | 1/4 | 3,106.70 | 1/4 | 2,756.79 | 1/4 | 2,406.89 | 1/4 | 2,056.98 | 1/4 | 1,707.20 | 1/4 | 1,357.94 | 1/4 | 1,008.13 | 1/4 | 658.51 | 1/4 | 308.82 | 1/4 | 0.21   |
| 1/2 | 1/2   | 1/2 | 4,848.94 | 1/2 | 4,499.03 | 1/2 | 4,149.13 | 1/2 | 3,799.22 | 1/2 | 3,449.31 | 1/2 | 3,099.41 | 1/2 | 2,749.50 | 1/2 | 2,399.60 | 1/2 | 2,049.69 | 1/2 | 1,699.95 | 1/2 | 1,350.65 | 1/2 | 1,000.85 | 1/2 | 651.22 | 1/2 | 301.53 | 1/2 | 0.21   |
| 3/4 | 3/4   | 3/4 | 4,841.65 | 3/4 | 4,491.74 | 3/4 | 4,141.84 | 3/4 | 3,791.93 | 3/4 | 3,442.02 | 3/4 | 3,092.12 | 3/4 | 2,742.21 | 3/4 | 2,392.31 | 3/4 | 2,042.40 | 3/4 | 1,692.69 | 3/4 | 1,343.36 | 3/4 | 993.56   | 3/4 | 643.93 | 3/4 | 294.24 | 3/4 | 0.21   |
| 6   | 6     | 6   | 4,834.36 | 6   | 4,484.45 | 6   | 4,134.55 | 6   | 3,784.64 | 6   | 3,434.74 | 6   | 3,084.83 | 6   | 2,734.92 | 6   | 2,385.02 | 6   | 2,035.11 | 6   | 1,685.43 | 6   | 1,336.07 | 6   | 986.28   | 6   | 636.64 | 6   | 286.95 | 6   | 0.21   |
| 1/4 | 1/4   | 1/4 | 4,827.07 | 1/4 | 4,477.16 | 1/4 | 4,127.26 | 1/4 | 3,777.35 | 1/4 | 3,427.45 | 1/4 | 3,077.54 | 1/4 | 2,727.63 | 1/4 | 2,377.73 | 1/4 | 2,027.82 | 1/4 | 1,678.17 | 1/4 | 1,328.78 | 1/4 | 979.00   | 1/4 | 629.35 | 1/4 | 279.66 | 1/4 | 0.21   |
| 1/2 | 1/2   | 1/2 | 4,819.78 | 1/2 | 4,469.87 | 1/2 | 4,119.97 | 1/2 | 3,770.06 | 1/2 | 3,420.16 | 1/2 | 3,070.25 | 1/2 | 2,720.34 | 1/2 | 2,370.44 | 1/2 | 2,020.53 | 1/2 | 1,670.91 | 1/2 | 1,321.49 | 1/2 | 971.72   | 1/2 | 622.06 | 1/2 | 272.37 | 1/2 | 0.21   |
| 3/4 | 3/4   | 3/4 | 4,812.49 | 3/4 | 4,462.58 | 3/4 | 4,112.68 | 3/4 | 3,762.77 | 3/4 | 3,412.87 | 3/4 | 3,062.96 | 3/4 | 2,713.06 | 3/4 | 2,363.15 | 3/4 | 2,013.24 | 3/4 | 1,663.66 | 3/4 | 1,314.21 | 3/4 | 964.44   | 3/4 | 614.77 | 3/4 | 265.08 | 3/4 | 0.21   |
| 7   | 7     | 7   | 4,805.20 | 7   | 4,455.29 | 7   | 4,105.39 | 7   | 3,755.48 | 7   | 3,405.58 | 7   | 3,055.67 | 7   | 2,705.77 | 7   | 2,355.86 | 7   | 2,005.95 | 7   | 1,656.40 | 7   | 1,306.92 | 7   | 957.16   | 7   | 607.48 | 7   | 257.79 | 7   | 0.21   |
| 1/4 | 1/4   | 1/4 | 4,797.91 | 1/4 | 4,448.00 | 1/4 | 4,098.10 | 1/4 | 3,748.19 | 1/4 | 3,398.29 | 1/4 | 3,048.38 | 1/4 | 2,698.48 | 1/4 | 2,348.57 | 1/4 | 1,998.66 | 1/4 | 1,649.14 | 1/4 | 1,299.63 | 1/4 | 949.88   | 1/4 | 600.19 | 1/4 | 250.50 | 1/4 | 0.21   |
| 1/2 | 1/2   | 1/2 | 4,790.62 | 1/2 | 4,440.71 | 1/2 | 4,090.81 | 1/2 | 3,740.90 | 1/2 | 3,391.00 | 1/2 | 3,041.09 | 1/2 | 2,691.19 | 1/2 | 2,341.28 | 1/2 | 1,991.37 | 1/2 | 1,641.88 | 1/2 | 1,292.34 | 1/2 | 942.59   | 1/2 | 592.89 | 1/2 | 243.21 | 1/2 | 0.21   |
| 3/4 | 3/4   | 3/4 | 4,783.33 | 3/4 | 4,433.42 | 3/4 | 4,083.52 | 3/4 | 3,733.61 | 3/4 | 3,383.71 | 3/4 | 3,033.80 | 3/4 | 2,683.90 | 3/4 | 2,333.99 | 3/4 | 1,984.09 | 3/4 | 1,634.62 | 3/4 | 1,285.05 | 3/4 | 935.31   | 3/4 | 585.60 | 3/4 | 235.92 | 3/4 | 0.21   |
| 8   | 8     | 8   | 4,776.04 | 8   | 4,426.13 | 8   | 4,076.23 | 8   | 3,726.32 | 8   | 3,376.42 | 8   | 3,026.51 | 8   | 2,676.61 | 8   | 2,326.70 | 8   | 1,976.80 | 8   | 1,627.37 | 8   | 1,277.76 | 8   | 928.03   | 8   | 578.31 | 8   | 228.63 | 8   | 0.21   |
| 1/4 | 1/4   | 1/4 | 4,768.75 | 1/4 | 4,418.84 | 1/4 | 4,068.94 | 1/4 | 3,719.03 | 1/4 | 3,369.13 | 1/4 | 3,019.22 | 1/4 | 2,669.32 | 1/4 | 2,319.41 | 1/4 | 1,969.51 | 1/4 | 1,620.11 | 1/4 | 1,270.47 | 1/4 | 920.75   | 1/4 | 571.02 | 1/4 | 221.34 | 1/4 | 0.21   |
| 1/2 | 1/2   | 1/2 | 4,761.46 | 1/2 | 4,411.56 | 1/2 | 4,061.65 | 1/2 | 3,711.74 | 1/2 | 3,361.84 | 1/2 | 3,011.93 | 1/2 | 2,662.03 | 1/2 | 2,312.12 | 1/2 | 1,962.22 | 1/2 | 1,612.85 | 1/2 | 1,263.18 | 1/2 | 913.47   | 1/2 | 563.73 | 1/2 | 214.05 | 1/2 | 0.21   |
| 3/4 | 3/4   | 3/4 | 4,754.17 | 3/4 | 4,404.27 | 3/4 | 4,054.36 | 3/4 | 3,704.45 | 3/4 | 3,354.55 | 3/4 | 3,004.64 | 3/4 | 2,654.74 | 3/4 | 2,304.83 | 3/4 | 1,954.93 | 3/4 | 1,605.59 | 3/4 | 1,255.89 | 3/4 | 906.19   | 3/4 | 556.44 | 3/4 | 206.76 | 3/4 | 0.21   |
| 9   | 9     | 9   | 4,746.88 | 9   | 4,396.98 | 9   | 4,047.07 | 9   | 3,697.16 | 9   | 3,347.26 | 9   | 2,997.35 | 9   | 2,647.45 | 9   | 2,297.54 | 9   | 1,947.64 | 9   | 1,598.34 | 9   | 1,248.60 | 9   | 898.90   | 9   | 549.15 | 9   | 199.47 | 9   | 0.21   |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**3 PORT**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-03 1/2"

| IN    | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    | IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. |
|-------|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0     |       | 0   | 4,116.29 | 0   | 3,961.68 | 0   | 3,800.19 | 0   | 3,638.71 | 0   | 3,477.22 | 0   | 3,213.36 | 0   | 2,862.86 | 0   | 2,512.43 | 0   | 2,162.06 | 0   | 1,811.81 | 0   | 1,462.06 | 0   | 1,111.87 | 0   | 761.65 | 0   | 411.37 | 0   | 63.40  |
| 1/4   | 1/4   | 1/4 | 4,114.75 | 1/4 | 3,958.31 | 1/4 | 3,796.83 | 1/4 | 3,635.34 | 1/4 | 3,473.85 | 1/4 | 3,206.05 | 1/4 | 2,855.56 | 1/4 | 2,505.13 | 1/4 | 2,154.76 | 1/4 | 1,804.52 | 1/4 | 1,454.79 | 1/4 | 1,104.57 | 1/4 | 754.36 | 1/4 | 404.07 | 1/4 | 57.20  |
| 1/2   | 1/2   | 1/2 | 4,113.21 | 1/2 | 3,954.95 | 1/2 | 3,793.46 | 1/2 | 3,631.98 | 1/2 | 3,470.49 | 1/2 | 3,198.75 | 1/2 | 2,848.26 | 1/2 | 2,497.83 | 1/2 | 2,147.46 | 1/2 | 1,797.22 | 1/2 | 1,447.51 | 1/2 | 1,097.27 | 1/2 | 747.06 | 1/2 | 396.77 | 1/2 | 51.00  |
| 3/4   | 3/4   | 3/4 | 4,110.47 | 3/4 | 3,951.59 | 3/4 | 3,790.10 | 3/4 | 3,628.61 | 3/4 | 3,467.13 | 3/4 | 3,191.45 | 3/4 | 2,840.96 | 3/4 | 2,490.53 | 3/4 | 2,140.16 | 3/4 | 1,789.93 | 3/4 | 1,440.24 | 3/4 | 1,089.97 | 3/4 | 739.77 | 3/4 | 389.47 | 3/4 | 46.06  |
| 1     | 1     | 1   | 4,107.72 | 1   | 3,948.22 | 1   | 3,786.73 | 1   | 3,625.25 | 1   | 3,463.76 | 1   | 3,184.15 | 1   | 2,833.66 | 1   | 2,483.23 | 1   | 2,132.87 | 1   | 1,782.63 | 1   | 1,432.97 | 1   | 1,082.67 | 1   | 732.48 | 1   | 382.16 | 1   | 41.11  |
| 1/4   | 1/4   | 1/4 | 4,104.97 | 1/4 | 3,944.86 | 1/4 | 3,783.37 | 1/4 | 3,621.88 | 1/4 | 3,460.40 | 1/4 | 3,176.85 | 1/4 | 2,826.36 | 1/4 | 2,475.93 | 1/4 | 2,125.57 | 1/4 | 1,775.34 | 1/4 | 1,425.69 | 1/4 | 1,075.37 | 1/4 | 725.18 | 1/4 | 374.86 | 1/4 | 36.16  |
| 1/2   | 1/2   | 1/2 | 4,102.22 | 1/2 | 3,941.49 | 1/2 | 3,780.01 | 1/2 | 3,618.52 | 1/2 | 3,457.03 | 1/2 | 3,169.54 | 1/2 | 2,819.06 | 1/2 | 2,468.63 | 1/2 | 2,118.27 | 1/2 | 1,768.04 | 1/2 | 1,418.42 | 1/2 | 1,068.08 | 1/2 | 717.89 | 1/2 | 367.56 | 1/2 | 31.21  |
| 3/4   | 3/4   | 3/4 | 4,098.95 | 3/4 | 3,938.13 | 3/4 | 3,776.64 | 3/4 | 3,615.16 | 3/4 | 3,453.67 | 3/4 | 3,162.24 | 3/4 | 2,811.76 | 3/4 | 2,461.33 | 3/4 | 2,110.97 | 3/4 | 1,760.75 | 3/4 | 1,411.12 | 3/4 | 1,060.78 | 3/4 | 710.60 | 3/4 | 360.26 | 3/4 | 27.50  |
| 2     | 2     | 2   | 4,095.68 | 2   | 3,934.76 | 2   | 3,773.28 | 2   | 3,611.79 | 2   | 3,450.30 | 2   | 3,154.94 | 2   | 2,804.46 | 2   | 2,454.03 | 2   | 2,103.67 | 2   | 1,753.46 | 2   | 1,403.82 | 2   | 1,053.48 | 2   | 703.30 | 2   | 352.96 | 2   | 23.79  |
| 1/4   | 1/4   | 1/4 | 4,092.41 | 1/4 | 3,931.40 | 1/4 | 3,769.91 | 1/4 | 3,608.43 | 1/4 | 3,446.94 | 1/4 | 3,147.64 | 1/4 | 2,797.16 | 1/4 | 2,446.73 | 1/4 | 2,096.37 | 1/4 | 1,746.16 | 1/4 | 1,396.52 | 1/4 | 1,046.18 | 1/4 | 696.01 | 1/4 | 345.66 | 1/4 | 20.08  |
| 1/2   | 1/2   | 1/2 | 4,089.13 | 1/2 | 3,928.04 | 1/2 | 3,766.55 | 1/2 | 3,605.06 | 1/2 | 3,443.58 | 1/2 | 3,140.34 | 1/2 | 2,789.86 | 1/2 | 2,439.43 | 1/2 | 2,089.08 | 1/2 | 1,738.87 | 1/2 | 1,389.22 | 1/2 | 1,038.88 | 1/2 | 688.72 | 1/2 | 338.36 | 1/2 | 16.37  |
| 3/4   | 3/4   | 3/4 | 4,085.82 | 3/4 | 3,924.67 | 3/4 | 3,763.18 | 3/4 | 3,601.70 | 3/4 | 3,440.21 | 3/4 | 3,133.03 | 3/4 | 2,782.55 | 3/4 | 2,432.13 | 3/4 | 2,081.78 | 3/4 | 1,731.57 | 3/4 | 1,381.93 | 3/4 | 1,031.58 | 3/4 | 681.42 | 3/4 | 331.08 | 3/4 | 13.92  |
| 3     | 3     | 3   | 4,082.51 | 3   | 3,921.31 | 3   | 3,759.82 | 3   | 3,598.33 | 3   | 3,436.85 | 3   | 3,125.73 | 3   | 2,775.25 | 3   | 2,424.83 | 3   | 2,074.48 | 3   | 1,724.28 | 3   | 1,374.63 | 3   | 1,024.29 | 3   | 674.13 | 3   | 323.80 | 3   | 11.47  |
| 1/4   | 1/4   | 1/4 | 4,079.20 | 1/4 | 3,917.94 | 1/4 | 3,756.46 | 1/4 | 3,594.97 | 1/4 | 3,433.48 | 1/4 | 3,118.43 | 1/4 | 2,767.95 | 1/4 | 2,417.53 | 1/4 | 2,067.18 | 1/4 | 1,716.99 | 1/4 | 1,367.33 | 1/4 | 1,016.99 | 1/4 | 666.84 | 1/4 | 316.52 | 1/4 | 9.02   |
| 1/2   | 1/2   | 1/2 | 4,075.88 | 1/2 | 3,914.58 | 1/2 | 3,753.09 | 1/2 | 3,591.61 | 1/2 | 3,430.12 | 1/2 | 3,111.13 | 1/2 | 2,760.65 | 1/2 | 2,410.23 | 1/2 | 2,059.88 | 1/2 | 1,709.69 | 1/2 | 1,360.03 | 1/2 | 1,009.69 | 1/2 | 659.54 | 1/2 | 309.24 | 1/2 | 6.57   |
| 3/4   | 3/4   | 3/4 | 4,072.55 | 3/4 | 3,911.21 | 3/4 | 3,749.73 | 3/4 | 3,588.24 | 3/4 | 3,426.75 | 3/4 | 3,103.83 | 3/4 | 2,753.35 | 3/4 | 2,402.93 | 3/4 | 2,052.58 | 3/4 | 1,702.40 | 3/4 | 1,352.73 | 3/4 | 1,002.39 | 3/4 | 652.25 | 3/4 | 301.96 | 3/4 |        |
| 4     | 4     | 4   | 4,069.21 | 4   | 3,907.85 | 4   | 3,746.36 | 4   | 3,584.88 | 4   | 3,423.39 | 4   | 3,096.52 | 4   | 2,746.05 | 4   | 2,395.63 | 4   | 2,045.28 | 4   | 1,695.10 | 4   | 1,345.43 | 4   | 995.09   | 4   | 644.96 | 4   | 294.68 | 4   |        |
| 1/4   | 1/4   | 1/4 | 4,065.88 | 1/4 | 3,904.49 | 1/4 | 3,743.00 | 1/4 | 3,581.51 | 1/4 | 3,420.03 | 1/4 | 3,089.22 | 1/4 | 2,738.75 | 1/4 | 2,388.33 | 1/4 | 2,037.99 | 1/4 | 1,687.81 | 1/4 | 1,338.13 | 1/4 | 987.79   | 1/4 | 637.66 | 1/4 | 287.40 | 1/4 |        |
| 1/2   | 1/2   | 1/2 | 4,062.54 | 1/2 | 3,901.12 | 1/2 | 3,739.63 | 1/2 | 3,578.15 | 1/2 | 3,416.66 | 1/2 | 3,081.92 | 1/2 | 2,731.45 | 1/2 | 2,381.03 | 1/2 | 2,030.69 | 1/2 | 1,680.51 | 1/2 | 1,330.83 | 1/2 | 980.50   | 1/2 | 630.37 | 1/2 | 280.12 | 1/2 |        |
| 3/4   | 3/4   | 3/4 | 4,059.19 | 3/4 | 3,897.76 | 3/4 | 3,736.27 | 3/4 | 3,574.78 | 3/4 | 3,413.30 | 3/4 | 3,074.62 | 3/4 | 2,724.15 | 3/4 | 2,373.73 | 3/4 | 2,023.39 | 3/4 | 1,673.22 | 3/4 | 1,323.53 | 3/4 | 973.20   | 3/4 | 623.07 | 3/4 | 272.84 | 3/4 |        |
| 5     | 5     | 5   | 4,055.84 | 5   | 3,894.39 | 5   | 3,732.91 | 5   | 3,571.42 | 5   | 3,409.93 | 5   | 3,067.32 | 5   | 2,716.85 | 5   | 2,366.43 | 5   | 2,016.09 | 5   | 1,665.93 | 5   | 1,316.24 | 5   | 965.90   | 5   | 615.78 | 5   | 265.56 | 5   |        |
| 1/4   | 1/4   | 1/4 | 4,052.49 | 1/4 | 3,891.03 | 1/4 | 3,729.54 | 1/4 | 3,568.06 | 1/4 | 3,406.57 | 1/4 | 3,060.02 | 1/4 | 2,709.55 | 1/4 | 2,359.13 | 1/4 | 2,008.79 | 1/4 | 1,658.63 | 1/4 | 1,308.94 | 1/4 | 958.60   | 1/4 | 608.48 | 1/4 | 258.28 | 1/4 |        |
| 1/2   | 1/2   | 1/2 | 4,049.14 | 1/2 | 3,887.66 | 1/2 | 3,726.18 | 1/2 | 3,564.69 | 1/2 | 3,403.20 | 1/2 | 3,052.71 | 1/2 | 2,702.25 | 1/2 | 2,351.83 | 1/2 | 2,001.49 | 1/2 | 1,651.34 | 1/2 | 1,301.64 | 1/2 | 951.30   | 1/2 | 601.18 | 1/2 | 251.00 | 1/2 |        |
| 3/4   | 3/4   | 3/4 | 4,045.78 | 3/4 | 3,884.30 | 3/4 | 3,722.81 | 3/4 | 3,561.33 | 3/4 | 3,395.90 | 3/4 | 3,045.41 | 3/4 | 2,694.95 | 3/4 | 2,344.53 | 3/4 | 1,994.19 | 3/4 | 1,644.04 | 3/4 | 1,294.34 | 3/4 | 944.00   | 3/4 | 593.89 | 3/4 | 243.70 | 3/4 |        |
| 6     | 6     | 6   | 4,042.42 | 6   | 3,880.94 | 6   | 3,719.45 | 6   | 3,557.96 | 6   | 3,388.60 | 6   | 3,038.11 | 6   | 2,687.65 | 6   | 2,337.23 | 6   | 1,986.90 | 6   | 1,636.75 | 6   | 1,284.04 | 6   | 936.71   | 6   | 586.59 | 6   | 236.40 | 6   |        |
| 1/4   | 1/4   | 1/4 | 4,039.06 | 1/4 | 3,877.57 | 1/4 | 3,716.08 | 1/4 | 3,554.60 | 1/4 | 3,381.30 | 1/4 | 3,030.81 | 1/4 | 2,680.35 | 1/4 | 2,329.93 | 1/4 | 1,979.60 | 1/4 | 1,629.45 | 1/4 | 1,279.74 | 1/4 | 929.41   | 1/4 | 579.29 | 1/4 | 229.10 | 1/4 |        |
| 1/2   | 1/2   | 1/2 | 4,035.70 | 1/2 | 3,874.21 | 1/2 | 3,712.72 | 1/2 | 3,551.23 | 1/2 | 3,374.00 | 1/2 | 3,023.51 | 1/2 | 2,673.05 | 1/2 | 2,322.63 | 1/2 | 1,972.30 | 1/2 | 1,622.16 | 1/2 | 1,272.44 | 1/2 | 922.12   | 1/2 | 571.99 | 1/2 | 221.80 | 1/2 |        |
| 3/4   | 3/4   | 3/4 | 4,032.33 | 3/4 | 3,870.84 | 3/4 | 3,709.36 | 3/4 | 3,547.87 | 3/4 | 3,366.69 | 3/4 | 3,016.20 | 3/4 | 2,665.75 | 3/4 | 2,315.33 | 3/4 | 1,965.00 | 3/4 | 1,614.87 | 3/4 | 1,265.14 | 3/4 | 914.82   | 3/4 | 564.69 | 3/4 | 214.49 | 3/4 |        |
| 7     | 7     | 7   | 4,028.97 | 7   | 3,867.48 | 7   | 3,705.99 | 7   | 3,544.51 | 7   | 3,359.39 | 7   | 3,008.90 | 7   | 2,658.44 | 7   | 2,308.03 | 7   | 1,957.70 | 7   | 1,607.57 | 7   | 1,257.84 | 7   | 907.53   | 7   | 557.39 | 7   | 207.19 | 7   |        |
| 1/4   | 1/4   | 1/4 | 4,025.60 | 1/4 | 3,864.11 | 1/4 | 3,702.63 | 1/4 | 3,541.14 | 1/4 | 3,352.09 | 1/4 | 3,001.60 | 1/4 | 2,651.14 | 1/4 | 2,300.73 | 1/4 | 1,950.40 | 1/4 | 1,600.28 | 1/4 | 1,250.55 | 1/4 | 900.23   | 1/4 | 550.09 | 1/4 | 199.89 | 1/4 |        |
| 1/2   | 1/2   | 1/2 | 4,022.24 | 1/2 | 3,860.75 | 1/2 | 3,699.26 | 1/2 | 3,537.78 | 1/2 | 3,344.79 | 1/2 | 2,994.30 | 1/2 | 2,643.84 | 1/2 | 2,293.43 | 1/2 | 1,943.11 | 1/2 | 1,592.98 | 1/2 | 1,243.25 | 1/2 | 892.93   | 1/2 | 542.79 | 1/2 | 192.59 | 1/2 |        |
| 3/4   | 3/4   | 3/4 | 4,018.87 | 3/4 | 3,857.38 | 3/4 | 3,695.90 | 3/4 | 3,534.41 | 3/4 | 3,337.49 | 3/4 | 2,987.00 | 3/4 | 2,636.54 | 3/4 | 2,286.13 | 3/4 | 1,935.81 | 3/4 | 1,585.71 | 3/4 | 1,235.95 | 3/4 | 885.64   | 3/4 | 535.49 | 3/4 | 185.29 | 3/4 |        |
| 8     | 8     | 8   | 4,015.51 | 8   | 3,854.02 | 8   | 3,692.53 | 8   | 3,531.05 | 8   | 3,330.19 | 8   | 2,979.69 | 8   | 2,629.24 | 8   | 2,278.84 | 8   | 1,928.52 | 8   | 1,578.44 | 8   | 1,228.65 | 8   | 878.34   | 8   | 528.18 | 8   | 177.99 | 8   |        |
| 1/4   | 1/4   | 1/4 | 4,012.14 | 1/4 | 3,850.66 | 1/4 | 3,689.17 | 1/4 | 3,527.68 | 1/4 | 3,322.88 | 1/4 | 2,972.39 | 1/4 | 2,621.94 | 1/4 | 2,271.54 | 1/4 | 1,921.22 | 1/4 | 1,571.16 | 1/4 | 1,221.35 | 1/4 | 871.05   | 1/4 | 520.88 | 1/4 | 170.69 | 1/4 |        |
| 1/2   | 1/2   | 1/2 | 4,008.78 | 1/2 | 3,847.29 | 1/2 | 3,685.81 | 1/2 | 3,524.32 | 1/2 | 3,315.58 | 1/2 | 2,965.09 | 1/2 | 2,614.64 | 1/2 | 2,264.24 | 1/2 | 1,913.93 | 1/2 | 1,563.89 | 1/2 | 1,214.05 | 1/2 | 863.75   | 1/2 | 513.58 | 1/2 | 163.39 | 1/2 |        |
| 3/4   | 3/4   | 3/4 | 4,005.41 | 3/4 | 3,843.93 | 3/4 | 3,682.44 | 3/4 | 3,520.95 | 3/4 | 3,308.28 | 3/4 | 2,957.79 | 3/4 | 2,607.34 | 3/4 | 2,256.94 | 3/4 | 1,906.63 | 3/4 | 1,556.62 | 3/4 | 1,206.75 | 3/4 | 856.46   | 3/4 | 506.28 | 3/4 | 156.09 | 3/4 |        |
| 9     | 9     | 9   | 4,002.05 | 9   | 3,840.56 | 9   | 3,679.08 | 9   | 3,517.59 | 9   | 3,300.98 | 9   | 2,950.49 | 9   | 2,600.04 | 9   | 2,249.64 | 9   | 1,899.34 | 9   | 1,549.34 | 9   | 1,199.45 | 9   | 849.17   | 9   | 498.98 | 9   | 148.79 | 9   |        |
| 1/4</ |       |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**3 STBD**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 8" HATCH LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-03 1/4"

| IN  | 0 FT. | IN  | 1 FT.    | IN  | 2 FT.    | IN  | 3 FT.    | IN  | 4 FT.    | IN  | 5 FT.    | IN  | 6 FT.    | IN  | 7 FT.    | IN  | 8 FT.    | IN  | 9 FT.    | IN  | 10 FT.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   | 0     | 0   | 4,115.73 | 0   | 3,959.43 | 0   | 3,798.03 | 0   | 3,636.64 | 0   | 3,475.24 | 0   | 3,207.31 | 0   | 2,856.53 | 0   | 2,505.75 | 0   | 2,155.03 | 0   | 1,804.40 | 0   | 1,454.33 | 0   | 1,103.72 | 0   | 754.54 | 0   | 404.38 | 0   | 57.15  |
| 1/4 | 1/4   | 1/4 | 4,114.20 | 1/4 | 3,956.06 | 1/4 | 3,794.67 | 1/4 | 3,633.27 | 1/4 | 3,471.88 | 1/4 | 3,200.01 | 1/4 | 2,849.22 | 1/4 | 2,498.44 | 1/4 | 2,147.73 | 1/4 | 1,797.10 | 1/4 | 1,447.05 | 1/4 | 1,096.42 | 1/4 | 747.28 | 1/4 | 397.07 | 1/4 | 50.95  |
| 1/2 | 1/2   | 1/2 | 4,111.45 | 1/2 | 3,952.70 | 1/2 | 3,791.31 | 1/2 | 3,629.91 | 1/2 | 3,468.52 | 1/2 | 3,192.70 | 1/2 | 2,841.91 | 1/2 | 2,491.13 | 1/2 | 2,140.42 | 1/2 | 1,789.79 | 1/2 | 1,439.74 | 1/2 | 1,089.12 | 1/2 | 740.02 | 1/2 | 389.76 | 1/2 | 46.00  |
| 3/4 | 3/4   | 3/4 | 4,108.71 | 3/4 | 3,949.34 | 3/4 | 3,787.94 | 3/4 | 3,626.55 | 3/4 | 3,465.15 | 3/4 | 3,185.39 | 3/4 | 2,834.61 | 3/4 | 2,483.82 | 3/4 | 2,133.12 | 3/4 | 1,782.49 | 3/4 | 1,432.44 | 3/4 | 1,081.81 | 3/4 | 732.75 | 3/4 | 382.45 | 3/4 | 41.05  |
| 1   | 1     | 1   | 4,105.96 | 1   | 3,945.98 | 1   | 3,784.58 | 1   | 3,623.19 | 1   | 3,461.79 | 1   | 3,178.08 | 1   | 2,827.30 | 1   | 2,476.51 | 1   | 2,125.81 | 1   | 1,775.18 | 1   | 1,425.13 | 1   | 1,074.51 | 1   | 725.49 | 1   | 375.14 | 1   | 36.10  |
| 1/4 | 1/4   | 1/4 | 4,103.22 | 1/4 | 3,942.61 | 1/4 | 3,781.22 | 1/4 | 3,619.82 | 1/4 | 3,458.43 | 1/4 | 3,170.77 | 1/4 | 2,819.99 | 1/4 | 2,469.21 | 1/4 | 2,118.51 | 1/4 | 1,767.88 | 1/4 | 1,417.83 | 1/4 | 1,067.20 | 1/4 | 718.23 | 1/4 | 367.84 | 1/4 | 31.14  |
| 1/2 | 1/2   | 1/2 | 4,099.95 | 1/2 | 3,939.25 | 1/2 | 3,777.86 | 1/2 | 3,616.46 | 1/2 | 3,455.07 | 1/2 | 3,163.47 | 1/2 | 2,812.68 | 1/2 | 2,461.90 | 1/2 | 2,111.21 | 1/2 | 1,760.57 | 1/2 | 1,410.52 | 1/2 | 1,059.90 | 1/2 | 710.97 | 1/2 | 360.53 | 1/2 | 27.44  |
| 3/4 | 3/4   | 3/4 | 4,096.68 | 3/4 | 3,935.89 | 3/4 | 3,774.49 | 3/4 | 3,613.10 | 3/4 | 3,451.70 | 3/4 | 3,156.16 | 3/4 | 2,805.37 | 3/4 | 2,454.59 | 3/4 | 2,103.90 | 3/4 | 1,753.27 | 3/4 | 1,403.22 | 3/4 | 1,052.59 | 3/4 | 703.70 | 3/4 | 353.22 | 3/4 | 23.73  |
| 2   | 2     | 2   | 4,093.41 | 2   | 3,932.53 | 2   | 3,771.13 | 2   | 3,609.74 | 2   | 3,448.34 | 2   | 3,148.85 | 2   | 2,798.07 | 2   | 2,447.28 | 2   | 2,096.60 | 2   | 1,745.97 | 2   | 1,395.91 | 2   | 1,045.29 | 2   | 696.44 | 2   | 345.91 | 2   | 20.02  |
| 1/4 | 1/4   | 1/4 | 4,090.14 | 1/4 | 3,929.17 | 1/4 | 3,767.77 | 1/4 | 3,606.37 | 1/4 | 3,444.98 | 1/4 | 3,141.54 | 1/4 | 2,790.76 | 1/4 | 2,439.97 | 1/4 | 2,089.29 | 1/4 | 1,738.66 | 1/4 | 1,388.61 | 1/4 | 1,037.98 | 1/4 | 689.18 | 1/4 | 338.60 | 1/4 | 16.31  |
| 1/2 | 1/2   | 1/2 | 4,086.83 | 1/2 | 3,925.80 | 1/2 | 3,764.41 | 1/2 | 3,603.01 | 1/2 | 3,441.62 | 1/2 | 3,134.23 | 1/2 | 2,783.45 | 1/2 | 2,432.67 | 1/2 | 2,081.99 | 1/2 | 1,731.36 | 1/2 | 1,381.30 | 1/2 | 1,030.68 | 1/2 | 681.92 | 1/2 | 331.31 | 1/2 | 13.86  |
| 3/4 | 3/4   | 3/4 | 4,083.52 | 3/4 | 3,922.44 | 3/4 | 3,761.05 | 3/4 | 3,599.65 | 3/4 | 3,438.25 | 3/4 | 3,126.93 | 3/4 | 2,776.14 | 3/4 | 2,425.36 | 3/4 | 2,074.68 | 3/4 | 1,724.05 | 3/4 | 1,374.00 | 3/4 | 1,023.37 | 3/4 | 674.65 | 3/4 | 324.02 | 3/4 | 11.41  |
| 3   | 3     | 3   | 4,080.21 | 3   | 3,919.08 | 3   | 3,757.68 | 3   | 3,596.29 | 3   | 3,434.89 | 3   | 3,119.62 | 3   | 2,768.83 | 3   | 2,418.05 | 3   | 2,067.38 | 3   | 1,716.75 | 3   | 1,366.69 | 3   | 1,016.07 | 3   | 667.39 | 3   | 316.74 | 3   | 8.96   |
| 1/4 | 1/4   | 1/4 | 4,076.90 | 1/4 | 3,915.72 | 1/4 | 3,754.32 | 1/4 | 3,592.93 | 1/4 | 3,431.53 | 1/4 | 3,112.31 | 1/4 | 2,761.53 | 1/4 | 2,410.74 | 1/4 | 2,060.07 | 1/4 | 1,709.44 | 1/4 | 1,359.39 | 1/4 | 1,008.76 | 1/4 | 660.13 | 1/4 | 309.45 | 1/4 | 6.51   |
| 1/2 | 1/2   | 1/2 | 4,073.56 | 1/2 | 3,912.35 | 1/2 | 3,750.96 | 1/2 | 3,589.56 | 1/2 | 3,428.17 | 1/2 | 3,105.00 | 1/2 | 2,754.22 | 1/2 | 2,403.43 | 1/2 | 2,052.77 | 1/2 | 1,702.14 | 1/2 | 1,352.08 | 1/2 | 1,001.50 | 1/2 | 652.82 | 1/2 | 302.16 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,070.23 | 3/4 | 3,908.99 | 3/4 | 3,747.60 | 3/4 | 3,586.20 | 3/4 | 3,424.81 | 3/4 | 3,097.69 | 3/4 | 2,746.91 | 3/4 | 2,396.13 | 3/4 | 2,045.46 | 3/4 | 1,694.83 | 3/4 | 1,344.78 | 3/4 | 994.23   | 3/4 | 645.51 | 3/4 | 294.87 | 3/4 | ---    |
| 4   | 4     | 4   | 4,066.89 | 4   | 3,905.63 | 4   | 3,744.23 | 4   | 3,582.84 | 4   | 3,421.44 | 4   | 3,090.39 | 4   | 2,739.60 | 4   | 2,388.82 | 4   | 2,038.16 | 4   | 1,687.53 | 4   | 1,337.47 | 4   | 986.97   | 4   | 638.21 | 4   | 287.58 | 4   | ---    |
| 1/4 | 1/4   | 1/4 | 4,063.56 | 1/4 | 3,902.27 | 1/4 | 3,740.87 | 1/4 | 3,579.48 | 1/4 | 3,418.08 | 1/4 | 3,083.08 | 1/4 | 2,732.29 | 1/4 | 2,381.51 | 1/4 | 2,030.85 | 1/4 | 1,680.22 | 1/4 | 1,330.17 | 1/4 | 979.70   | 1/4 | 630.90 | 1/4 | 280.29 | 1/4 | ---    |
| 1/2 | 1/2   | 1/2 | 4,060.21 | 1/2 | 3,898.90 | 1/2 | 3,737.51 | 1/2 | 3,576.11 | 1/2 | 3,414.72 | 1/2 | 3,075.77 | 1/2 | 2,724.99 | 1/2 | 2,374.20 | 1/2 | 2,023.55 | 1/2 | 1,672.92 | 1/2 | 1,322.87 | 1/2 | 972.44   | 1/2 | 623.60 | 1/2 | 273.00 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,056.86 | 3/4 | 3,895.54 | 3/4 | 3,734.15 | 3/4 | 3,572.75 | 3/4 | 3,411.36 | 3/4 | 3,068.46 | 3/4 | 2,717.68 | 3/4 | 2,366.89 | 3/4 | 2,016.24 | 3/4 | 1,665.61 | 3/4 | 1,315.56 | 3/4 | 965.18   | 3/4 | 616.29 | 3/4 | 265.72 | 3/4 | ---    |
| 5   | 5     | 5   | 4,053.51 | 5   | 3,892.18 | 5   | 3,730.78 | 5   | 3,569.39 | 5   | 3,407.99 | 5   | 3,061.15 | 5   | 2,710.37 | 5   | 2,359.59 | 5   | 2,008.94 | 5   | 1,658.31 | 5   | 1,308.26 | 5   | 957.91   | 5   | 608.99 | 5   | 258.43 | 5   | ---    |
| 1/4 | 1/4   | 1/4 | 4,050.16 | 1/4 | 3,888.82 | 1/4 | 3,727.42 | 1/4 | 3,566.03 | 1/4 | 3,404.63 | 1/4 | 3,053.85 | 1/4 | 2,703.06 | 1/4 | 2,352.28 | 1/4 | 2,001.63 | 1/4 | 1,651.00 | 1/4 | 1,300.95 | 1/4 | 950.65   | 1/4 | 601.68 | 1/4 | 251.14 | 1/4 | ---    |
| 1/2 | 1/2   | 1/2 | 4,046.81 | 1/2 | 3,885.45 | 1/2 | 3,724.06 | 1/2 | 3,562.66 | 1/2 | 3,397.32 | 1/2 | 3,046.54 | 1/2 | 2,695.75 | 1/2 | 2,344.97 | 1/2 | 1,994.33 | 1/2 | 1,643.70 | 1/2 | 1,293.65 | 1/2 | 943.38   | 1/2 | 594.38 | 1/2 | 243.83 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,043.45 | 3/4 | 3,882.09 | 3/4 | 3,720.70 | 3/4 | 3,559.30 | 3/4 | 3,390.01 | 3/4 | 3,039.23 | 3/4 | 2,688.45 | 3/4 | 2,337.66 | 3/4 | 1,987.02 | 3/4 | 1,636.39 | 3/4 | 1,286.34 | 3/4 | 936.12   | 3/4 | 587.07 | 3/4 | 236.52 | 3/4 | ---    |
| 6   | 6     | 6   | 4,040.09 | 6   | 3,878.73 | 6   | 3,717.33 | 6   | 3,555.94 | 6   | 3,382.71 | 6   | 3,031.92 | 6   | 2,681.14 | 6   | 2,330.35 | 6   | 1,979.72 | 6   | 1,629.09 | 6   | 1,279.04 | 6   | 928.85   | 6   | 579.77 | 6   | 229.21 | 6   | ---    |
| 1/4 | 1/4   | 1/4 | 4,036.73 | 1/4 | 3,875.37 | 1/4 | 3,713.97 | 1/4 | 3,552.58 | 1/4 | 3,375.40 | 1/4 | 3,024.61 | 1/4 | 2,673.83 | 1/4 | 2,323.04 | 1/4 | 1,972.41 | 1/4 | 1,621.78 | 1/4 | 1,271.73 | 1/4 | 921.59   | 1/4 | 572.46 | 1/4 | 221.91 | 1/4 | ---    |
| 1/2 | 1/2   | 1/2 | 4,033.38 | 1/2 | 3,872.00 | 1/2 | 3,710.61 | 1/2 | 3,549.21 | 1/2 | 3,368.09 | 1/2 | 3,017.31 | 1/2 | 2,666.52 | 1/2 | 2,315.74 | 1/2 | 1,965.11 | 1/2 | 1,614.50 | 1/2 | 1,264.43 | 1/2 | 914.32   | 1/2 | 565.15 | 1/2 | 214.60 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,030.02 | 3/4 | 3,868.64 | 3/4 | 3,707.25 | 3/4 | 3,545.85 | 3/4 | 3,360.78 | 3/4 | 3,010.00 | 3/4 | 2,659.21 | 3/4 | 2,308.43 | 3/4 | 1,957.80 | 3/4 | 1,607.22 | 3/4 | 1,257.12 | 3/4 | 907.06   | 3/4 | 557.85 | 3/4 | 207.29 | 3/4 | ---    |
| 7   | 7     | 7   | 4,026.67 | 7   | 3,865.28 | 7   | 3,703.88 | 7   | 3,542.49 | 7   | 3,353.47 | 7   | 3,002.69 | 7   | 2,651.91 | 7   | 2,301.13 | 7   | 1,950.50 | 7   | 1,599.94 | 7   | 1,249.82 | 7   | 899.79   | 7   | 550.54 | 7   | 199.98 | 7   | ---    |
| 1/4 | 1/4   | 1/4 | 4,023.31 | 1/4 | 3,861.92 | 1/4 | 3,700.52 | 1/4 | 3,539.13 | 1/4 | 3,346.17 | 1/4 | 2,995.38 | 1/4 | 2,644.60 | 1/4 | 2,293.83 | 1/4 | 1,943.19 | 1/4 | 1,592.66 | 1/4 | 1,242.51 | 1/4 | 892.53   | 1/4 | 543.23 | 1/4 | 192.67 | 1/4 | ---    |
| 1/2 | 1/2   | 1/2 | 4,019.95 | 1/2 | 3,858.55 | 1/2 | 3,697.16 | 1/2 | 3,535.76 | 1/2 | 3,338.86 | 1/2 | 2,988.07 | 1/2 | 2,637.29 | 1/2 | 2,286.52 | 1/2 | 1,935.89 | 1/2 | 1,585.38 | 1/2 | 1,235.21 | 1/2 | 885.27   | 1/2 | 535.93 | 1/2 | 185.37 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,016.59 | 3/4 | 3,855.19 | 3/4 | 3,693.80 | 3/4 | 3,532.40 | 3/4 | 3,331.55 | 3/4 | 2,980.77 | 3/4 | 2,629.98 | 3/4 | 2,279.22 | 3/4 | 1,928.59 | 3/4 | 1,578.10 | 3/4 | 1,227.90 | 3/4 | 878.01   | 3/4 | 528.62 | 3/4 | 178.06 | 3/4 | ---    |
| 8   | 8     | 8   | 4,013.23 | 8   | 3,851.83 | 8   | 3,690.43 | 8   | 3,529.04 | 8   | 3,324.24 | 8   | 2,973.46 | 8   | 2,622.67 | 8   | 2,271.91 | 8   | 1,921.28 | 8   | 1,570.82 | 8   | 1,220.60 | 8   | 870.74   | 8   | 521.31 | 8   | 170.75 | 8   | ---    |
| 1/4 | 1/4   | 1/4 | 4,009.86 | 1/4 | 3,848.47 | 1/4 | 3,687.07 | 1/4 | 3,525.68 | 1/4 | 3,316.93 | 1/4 | 2,966.15 | 1/4 | 2,615.37 | 1/4 | 2,264.61 | 1/4 | 1,913.98 | 1/4 | 1,563.54 | 1/4 | 1,213.29 | 1/4 | 863.48   | 1/4 | 514.00 | 1/4 | 163.44 | 1/4 | ---    |
| 1/2 | 1/2   | 1/2 | 4,006.50 | 1/2 | 3,845.11 | 1/2 | 3,683.71 | 1/2 | 3,522.31 | 1/2 | 3,309.63 | 1/2 | 2,958.84 | 1/2 | 2,608.06 | 1/2 | 2,257.30 | 1/2 | 1,906.67 | 1/2 | 1,556.26 | 1/2 | 1,205.99 | 1/2 | 856.22   | 1/2 | 506.69 | 1/2 | 156.13 | 1/2 | ---    |
| 3/4 | 3/4   | 3/4 | 4,003.14 | 3/4 | 3,841.74 | 3/4 | 3,680.35 | 3/4 | 3,518.95 | 3/4 | 3,302.32 | 3/4 | 2,951.53 | 3/4 | 2,600.75 | 3/4 | 2,250.00 | 3/4 | 1,899.37 | 3/4 | 1,548.98 | 3/4 | 1,198.69 | 3/4 | 848.96   | 3/4 | 499.38 | 3/4 | 148.82 | 3/4 | ---    |
| 9   | 9     | 9   | 3,999.78 | 9   | 3,838.38 | 9   | 3,676.99 | 9   | 3,515.59 | 9   | 3,295.01 | 9   | 2,944.23 | 9   | 2,593.44 | 9   | 2,242.69 | 9   | 1,892.06 | 9   | 1,541.70 | 9   | 1,191.38 | 9   | 841.69   | 9   | 492.08 | 9   | 141.52 | 9   | ---    |
| 1/4 | 1/4   | 1/4 | 3,996.41 | 1/4 | 3,835.02 | 1/4 | 3,673.62 | 1/4 | 3,512.23 |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**PORT FUEL**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 3'-11"

| IN  | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. | IN  | 6 FT. | IN  | 7 FT. | IN  | 8 FT. | IN  | 9 FT. | IN  | 10 FT. | IN  | 11 FT. |
|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|
| 0   | 0     | 0   | 5,897 | 0   | 3,875 | 0   | 1,853 | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0      | 0   | 0      |
| 1/4 |       | 1/4 | 5,855 | 1/4 | 3,833 | 1/4 | 1,811 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 5,813 | 1/2 | 3,791 | 1/2 | 1,769 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 5,771 | 3/4 | 3,749 | 3/4 | 1,727 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 1   | 1     | 1   | 5,728 | 1   | 3,707 | 1   | 1,685 | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1      | 1   | 1      |
| 1/4 |       | 1/4 | 5,686 | 1/4 | 3,665 | 1/4 | 1,643 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 5,644 | 1/2 | 3,622 | 1/2 | 1,601 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 5,602 | 3/4 | 3,580 | 3/4 | 1,558 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 2   | 7,582 | 2   | 5,560 | 2   | 3,538 | 2   | 1,516 | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2      | 2   | 2      |
| 1/4 |       | 1/4 | 7,540 | 1/4 | 5,518 | 1/4 | 3,496 | 1/4 | 1,474 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 7,498 | 1/2 | 5,476 | 1/2 | 3,454 | 1/2 | 1,432 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 7,455 | 3/4 | 5,434 | 3/4 | 3,412 | 3/4 | 1,390 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 3   | 7,413 | 3   | 5,392 | 3   | 3,370 | 3   | 1,348 | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3      | 3   | 3      |
| 1/4 |       | 1/4 | 7,371 | 1/4 | 5,349 | 1/4 | 3,328 | 1/4 | 1,306 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 7,329 | 1/2 | 5,307 | 1/2 | 3,285 | 1/2 | 1,264 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 7,287 | 3/4 | 5,265 | 3/4 | 3,243 | 3/4 | 1,222 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 4   | 7,245 | 4   | 5,223 | 4   | 3,201 | 4   | 1,179 | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4      | 4   | 4      |
| 1/4 |       | 1/4 | 7,203 | 1/4 | 5,181 | 1/4 | 3,159 | 1/4 | 1,137 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 7,161 | 1/2 | 5,139 | 1/2 | 3,117 | 1/2 | 1,095 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 7,118 | 3/4 | 5,097 | 3/4 | 3,075 | 3/4 | 1,053 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 5   | 7,076 | 5   | 5,055 | 5   | 3,033 | 5   | 1,011 | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5      | 5   | 5      |
| 1/4 |       | 1/4 | 7,034 | 1/4 | 5,012 | 1/4 | 2,991 | 1/4 | 969   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,992 | 1/2 | 4,970 | 1/2 | 2,948 | 1/2 | 927   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,950 | 3/4 | 4,928 | 3/4 | 2,906 | 3/4 | 885   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 6   | 6,908 | 6   | 4,886 | 6   | 2,864 | 6   | 842   | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6      | 6   | 6      |
| 1/4 |       | 1/4 | 6,866 | 1/4 | 4,844 | 1/4 | 2,822 | 1/4 | 800   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,824 | 1/2 | 4,802 | 1/2 | 2,780 | 1/2 | 758   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,782 | 3/4 | 4,760 | 3/4 | 2,738 | 3/4 | 716   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 7   | 6,739 | 7   | 4,718 | 7   | 2,696 | 7   | 674   | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7      | 7   | 7      |
| 1/4 |       | 1/4 | 6,697 | 1/4 | 4,675 | 1/4 | 2,654 | 1/4 | 632   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,655 | 1/2 | 4,633 | 1/2 | 2,612 | 1/2 | 590   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,613 | 3/4 | 4,591 | 3/4 | 2,569 | 3/4 | 548   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 8   | 6,571 | 8   | 4,549 | 8   | 2,527 | 8   | 505   | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8      | 8   | 8      |
| 1/4 |       | 1/4 | 6,529 | 1/4 | 4,507 | 1/4 | 2,485 | 1/4 | 463   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,487 | 1/2 | 4,465 | 1/2 | 2,443 | 1/2 | 421   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,445 | 3/4 | 4,423 | 3/4 | 2,401 | 3/4 | 379   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 9   | 6,402 | 9   | 4,381 | 9   | 2,359 | 9   | 337   | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9      | 9   | 9      |
| 1/4 |       | 1/4 | 6,360 | 1/4 | 4,338 | 1/4 | 2,317 | 1/4 | 295   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,318 | 1/2 | 4,296 | 1/2 | 2,275 | 1/2 | 253   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,276 | 3/4 | 4,254 | 3/4 | 2,232 | 3/4 | 211   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 10  | 6,234 | 10  | 4,212 | 10  | 2,190 | 10  | 168   | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10     | 10  | 10     |
| 1/4 |       | 1/4 | 6,192 | 1/4 | 4,170 | 1/4 | 2,148 | 1/4 | 126   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 6,150 | 1/2 | 4,128 | 1/2 | 2,106 | 1/2 | 84    | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 6,108 | 3/4 | 4,086 | 3/4 | 2,064 | 3/4 | 42    | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 11  | 6,065 | 11  | 4,044 | 11  | 2,022 | 11  | 0     | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11     | 11  | 11     |
| 1/4 |       | 1/4 | 6,023 | 1/4 | 4,002 | 1/4 | 1,980 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2 |       | 1/2 | 5,981 | 1/2 | 3,959 | 1/2 | 1,938 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4 |       | 3/4 | 5,939 | 3/4 | 3,917 | 3/4 | 1,895 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |

NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH.  
 NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK  
 NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL  
 NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

DATE STRAPPED: 09/23/2016 BY: JM  
 DATE COMPUTED: 09/27/2016 BY: CL  
 DATE ISSUED: 09/27/2016

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.





**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**STBD FUEL**  
**ULLAGE TABLE**  
**8" HATCH**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 3'-11 1/8"

| IN    | 0 FT. | IN  | 1 FT. | IN  | 2 FT. | IN  | 3 FT. | IN  | 4 FT. | IN  | 5 FT. | IN  | 6 FT. | IN  | 7 FT. | IN  | 8 FT. | IN  | 9 FT. | IN  | 10 FT. | IN  | 11 FT. |
|-------|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|-------|-----|--------|-----|--------|
| 0     | 0     | 0   | 5,918 | 0   | 3,896 | 0   | 1,874 | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0     | 0   | 0      | 0   | 0      |
| 1/4   |       | 1/4 | 5,876 | 1/4 | 3,854 | 1/4 | 1,832 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 5,834 | 1/2 | 3,812 | 1/2 | 1,790 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 5,792 | 3/4 | 3,770 | 3/4 | 1,748 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 1     | 1     | 1   | 5,750 | 1   | 3,728 | 1   | 1,706 | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1     | 1   | 1      | 1   | 1      |
| 1/4   |       | 1/4 | 5,707 | 1/4 | 3,686 | 1/4 | 1,664 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 5,665 | 1/2 | 3,643 | 1/2 | 1,622 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 5,623 | 3/4 | 3,601 | 3/4 | 1,580 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 2 1/8 | 7,582 | 2   | 5,581 | 2   | 3,559 | 2   | 1,537 | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2     | 2   | 2      | 2   | 2      |
| 1/4   |       | 1/4 | 5,539 | 1/4 | 3,517 | 1/4 | 1,495 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 5,497 | 1/2 | 3,475 | 1/2 | 1,453 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 5,455 | 3/4 | 3,433 | 3/4 | 1,411 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 3     | 7,434 | 3   | 5,413 | 3   | 3,391 | 3   | 1,369 | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3     | 3   | 3      | 3   | 3      |
| 1/4   |       | 1/4 | 5,370 | 1/4 | 3,349 | 1/4 | 1,327 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 5,328 | 1/2 | 3,307 | 1/2 | 1,285 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 5,286 | 3/4 | 3,264 | 3/4 | 1,243 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 4     | 7,266 | 4   | 5,244 | 4   | 3,222 | 4   | 1,200 | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4     | 4   | 4      | 4   | 4      |
| 1/4   |       | 1/4 | 5,202 | 1/4 | 3,180 | 1/4 | 1,158 | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 5,160 | 1/2 | 3,138 | 1/2 | 1,116 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 5,118 | 3/4 | 3,096 | 3/4 | 1,074 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 5     | 7,097 | 5   | 5,076 | 5   | 3,054 | 5   | 1,032 | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5     | 5   | 5      | 5   | 5      |
| 1/4   |       | 1/4 | 5,033 | 1/4 | 3,012 | 1/4 | 990   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,991 | 1/2 | 2,970 | 1/2 | 948   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,949 | 3/4 | 2,927 | 3/4 | 906   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 6     | 6,929 | 6   | 4,907 | 6   | 2,885 | 6   | 863   | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6     | 6   | 6      | 6   | 6      |
| 1/4   |       | 1/4 | 4,865 | 1/4 | 2,843 | 1/4 | 821   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,823 | 1/2 | 2,801 | 1/2 | 779   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,781 | 3/4 | 2,759 | 3/4 | 737   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 7     | 6,760 | 7   | 4,739 | 7   | 2,717 | 7   | 695   | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7     | 7   | 7      | 7   | 7      |
| 1/4   |       | 1/4 | 4,697 | 1/4 | 2,675 | 1/4 | 653   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,654 | 1/2 | 2,633 | 1/2 | 611   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,612 | 3/4 | 2,590 | 3/4 | 569   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 8     | 6,592 | 8   | 4,570 | 8   | 2,548 | 8   | 527   | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8     | 8   | 8      | 8   | 8      |
| 1/4   |       | 1/4 | 4,528 | 1/4 | 2,506 | 1/4 | 484   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,486 | 1/2 | 2,464 | 1/2 | 442   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,444 | 3/4 | 2,422 | 3/4 | 400   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 9     | 6,423 | 9   | 4,402 | 9   | 2,380 | 9   | 358   | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9     | 9   | 9      | 9   | 9      |
| 1/4   |       | 1/4 | 4,360 | 1/4 | 2,338 | 1/4 | 316   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,317 | 1/2 | 2,296 | 1/2 | 274   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,275 | 3/4 | 2,253 | 3/4 | 232   | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 10    | 6,255 | 10  | 4,233 | 10  | 2,211 | 10  | 190   | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10    | 10  | 10     | 10  | 10     |
| 1/4   |       | 1/4 | 4,191 | 1/4 | 2,169 | 1/4 | 147   | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 4,149 | 1/2 | 2,127 | 1/2 | 105   | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 4,107 | 3/4 | 2,085 | 3/4 | 63    | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |
| 11    | 6,087 | 11  | 4,065 | 11  | 2,043 | 11  | 21    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11    | 11  | 11     | 11  | 11     |
| 1/4   |       | 1/4 | 4,023 | 1/4 | 2,001 | 1/8 | 0     | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |       | 1/4 |        | 1/4 |        |
| 1/2   |       | 1/2 | 3,980 | 1/2 | 1,959 | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |       | 1/2 |        | 1/2 |        |
| 3/4   |       | 3/4 | 3,938 | 3/4 | 1,917 | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |       | 3/4 |        | 3/4 |        |

NOTE: GAUGE POINT: TO TOP LIP OF 8" HATCH.  
 NOTE: GAUGE POINT LOCATED NEAR GEOMETRIC CENTER OF TANK  
 NOTE: FOR GREATER ACCURACY, BARGE SHOULD BE UPRIGHT AND ON EVEN KEEL  
 NOTE: MEASURED AND COMPUTED IN ACCORDANCE WITH API MPMS 2.7

THIS CHART IS CERTIFIED FOR THE ABOVE NAMED TANK ONLY. NO CHANGES  
 OF ANY KIND CAN BE MADE WITHOUT THE WRITTEN CONSENT OF OUR COMPANY.

DATE STRAPPED: 09/23/2016 BY: JM  
 DATE COMPUTED: 09/27/2016 BY: CL  
 DATE ISSUED: 09/27/2016



# BARGE: HSM 3704

## ULLAGE TRIM TABLE MMC

|        | 1 FT.      |              | 2 FT.      |              | 3 FT.      |              | 4 FT.      |              | 5 FT.      |              | 6 FT.      |              |
|--------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
|        | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> | <u>BOW</u> | <u>STERN</u> |
| 1 PORT | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     |
| 1 STBD | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     | 00-5/8     | - 00-5/8     | 00-3/4     | - 00-3/4     |
| 2 PORT | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     |
| 2 STBD | 00-1/8     | - 00-1/8     | 00-1/8     | - 00-1/8     | 00-1/4     | - 00-1/4     | 00-3/8     | - 00-3/8     | 00-3/8     | - 00-3/8     | 00-1/2     | - 00-1/2     |
| 3 PORT | 00-5/8     | - 00-5/8     | 01-1/8     | - 01-1/8     | 01-3/4     | - 01-3/4     | 02-1/4     | - 02-1/4     | 02-7/8     | - 02-7/8     | 03-3/8     | - 03-3/8     |
| 3 STBD | 00-5/8     | - 00-5/8     | 01-1/8     | - 01-1/8     | 01-3/4     | - 01-3/4     | 02-1/4     | - 02-1/4     | 02-7/8     | - 02-7/8     | 03-3/8     | - 03-3/8     |

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-00"

September 26, 2016



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**1 PORT**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16'-01 1/8"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |
|-------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0     |          | 0   | 4,547.97 | 0   | 4,220.31 | 0   | 3,892.56 | 0   | 3,564.82 | 0   | 3,237.08 | 0   | 2,909.33 | 0   | 2,581.59 | 0   | 2,253.84 | 0   | 1,926.10 | 0   | 1,598.36 | 0   | 1,270.86 | 0   | 943.37   | 0   | 615.81 | 0   | 293.86 | 0   | 25.46  |
| 1/4   | 1/4      | 1/4 | 4,541.17 | 1/4 | 4,213.48 | 1/4 | 3,885.74 | 1/4 | 3,557.99 | 1/4 | 3,230.25 | 1/4 | 2,902.50 | 1/4 | 2,574.76 | 1/4 | 2,247.02 | 1/4 | 1,919.27 | 1/4 | 1,591.53 | 1/4 | 1,264.03 | 1/4 | 936.55   | 1/4 | 608.98 | 1/4 | 287.54 | 1/4 | 22.28  |
| 1/2   | 1/2      | 1/2 | 4,534.35 | 1/2 | 4,206.65 | 1/2 | 3,878.91 | 1/2 | 3,551.16 | 1/2 | 3,223.42 | 1/2 | 2,895.68 | 1/2 | 2,567.93 | 1/2 | 2,240.19 | 1/2 | 1,912.44 | 1/2 | 1,584.70 | 1/2 | 1,257.21 | 1/2 | 929.73   | 1/2 | 602.15 | 1/2 | 281.27 | 1/2 | 20.00  |
| 3/4   | 3/4      | 3/4 | 4,527.54 | 3/4 | 4,199.82 | 3/4 | 3,872.08 | 3/4 | 3,544.34 | 3/4 | 3,216.59 | 3/4 | 2,888.85 | 3/4 | 2,561.10 | 3/4 | 2,233.36 | 3/4 | 1,905.62 | 3/4 | 1,577.87 | 3/4 | 1,250.38 | 3/4 | 922.91   | 3/4 | 595.32 | 3/4 | 274.99 | 3/4 | 17.71  |
| 1     | 1        | 1   | 4,520.72 | 1   | 4,193.00 | 1   | 3,865.25 | 1   | 3,537.51 | 1   | 3,209.76 | 1   | 2,882.02 | 1   | 2,554.28 | 1   | 2,226.53 | 1   | 1,898.79 | 1   | 1,571.04 | 1   | 1,243.55 | 1   | 916.09   | 1   | 588.49 | 1   | 268.71 | 1   | 15.43  |
| 1/4   | 1/4      | 1/4 | 4,513.90 | 1/4 | 4,186.17 | 1/4 | 3,858.42 | 1/4 | 3,530.68 | 1/4 | 3,202.94 | 1/4 | 2,875.19 | 1/4 | 2,547.45 | 1/4 | 2,219.70 | 1/4 | 1,891.96 | 1/4 | 1,564.22 | 1/4 | 1,236.72 | 1/4 | 909.27   | 1/4 | 581.67 | 1/4 | 262.47 | 1/8 | 14.28  |
| 1/2   | 1/2      | 1/2 | 4,507.08 | 1/2 | 4,179.34 | 1/2 | 3,851.60 | 1/2 | 3,523.85 | 1/2 | 3,196.11 | 1/2 | 2,868.36 | 1/2 | 2,540.62 | 1/2 | 2,212.88 | 1/2 | 1,885.13 | 1/2 | 1,557.39 | 1/2 | 1,229.90 | 1/2 | 902.45   | 1/2 | 574.84 | 1/2 | 256.25 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,500.25 | 3/4 | 4,172.51 | 3/4 | 3,844.77 | 3/4 | 3,517.02 | 3/4 | 3,189.28 | 3/4 | 2,861.54 | 3/4 | 2,533.79 | 3/4 | 2,206.05 | 3/4 | 1,878.30 | 3/4 | 1,550.56 | 3/4 | 1,223.07 | 3/4 | 895.64   | 3/4 | 568.01 | 3/4 | 250.04 | 3/4 |        |
| 2     | 2        | 2   | 4,493.43 | 2   | 4,165.68 | 2   | 3,837.94 | 2   | 3,510.20 | 2   | 3,182.45 | 2   | 2,854.71 | 2   | 2,526.96 | 2   | 2,199.22 | 2   | 1,871.48 | 2   | 1,543.73 | 2   | 1,216.24 | 2   | 888.82   | 2   | 561.18 | 2   | 243.82 | 2   |        |
| 1/4   | 1/4      | 1/4 | 4,486.60 | 1/4 | 4,158.86 | 1/4 | 3,831.11 | 1/4 | 3,503.37 | 1/4 | 3,175.62 | 1/4 | 2,847.88 | 1/4 | 2,520.14 | 1/4 | 2,192.39 | 1/4 | 1,864.65 | 1/4 | 1,536.91 | 1/4 | 1,209.41 | 1/4 | 882.00   | 1/4 | 554.35 | 1/4 | 237.65 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,479.78 | 1/2 | 4,152.03 | 1/2 | 3,824.28 | 1/2 | 3,496.54 | 1/2 | 3,168.80 | 1/2 | 2,841.05 | 1/2 | 2,513.31 | 1/2 | 2,185.56 | 1/2 | 1,857.82 | 1/2 | 1,530.09 | 1/2 | 1,202.59 | 1/2 | 875.18   | 1/2 | 547.52 | 1/2 | 231.51 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,472.95 | 3/4 | 4,145.20 | 3/4 | 3,817.46 | 3/4 | 3,489.71 | 3/4 | 3,161.97 | 3/4 | 2,834.22 | 3/4 | 2,506.48 | 3/4 | 2,178.74 | 3/4 | 1,850.99 | 3/4 | 1,523.28 | 3/4 | 1,195.76 | 3/4 | 868.36   | 3/4 | 540.69 | 3/4 | 225.38 | 3/4 |        |
| 3     | 3        | 3   | 4,466.13 | 3   | 4,138.37 | 3   | 3,810.63 | 3   | 3,482.88 | 3   | 3,155.14 | 3   | 2,827.40 | 3   | 2,499.65 | 3   | 2,171.91 | 3   | 1,844.16 | 3   | 1,516.46 | 3   | 1,188.93 | 3   | 861.54   | 3   | 533.87 | 3   | 219.25 | 3   |        |
| 1/4   | 1/4      | 1/4 | 4,459.29 | 1/4 | 4,131.54 | 1/4 | 3,803.80 | 1/4 | 3,476.06 | 1/4 | 3,148.31 | 1/4 | 2,820.57 | 1/4 | 2,492.82 | 1/4 | 2,165.08 | 1/4 | 1,837.34 | 1/4 | 1,509.64 | 1/4 | 1,182.10 | 1/4 | 854.72   | 1/4 | 527.04 | 1/4 | 213.15 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,452.46 | 1/2 | 4,124.72 | 1/2 | 3,796.97 | 1/2 | 3,469.23 | 1/2 | 3,141.48 | 1/2 | 2,813.74 | 1/2 | 2,486.00 | 1/2 | 2,158.25 | 1/2 | 1,830.51 | 1/2 | 1,502.82 | 1/2 | 1,175.28 | 1/2 | 847.90   | 1/2 | 520.21 | 1/2 | 207.10 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,445.63 | 3/4 | 4,117.89 | 3/4 | 3,790.14 | 3/4 | 3,462.40 | 3/4 | 3,134.66 | 3/4 | 2,806.91 | 3/4 | 2,479.17 | 3/4 | 2,151.42 | 3/4 | 1,823.68 | 3/4 | 1,496.00 | 3/4 | 1,168.45 | 3/4 | 841.09   | 3/4 | 513.38 | 3/4 | 201.05 | 3/4 |        |
| 4     | 4        | 4   | 4,438.80 | 4   | 4,111.06 | 4   | 3,783.32 | 4   | 3,455.57 | 4   | 3,127.83 | 4   | 2,800.08 | 4   | 2,472.34 | 4   | 2,144.60 | 4   | 1,816.85 | 4   | 1,489.19 | 4   | 1,161.62 | 4   | 834.27   | 4   | 506.55 | 4   | 195.00 | 4   |        |
| 1/4   | 1/4      | 1/4 | 4,431.98 | 1/4 | 4,104.23 | 1/4 | 3,776.49 | 1/4 | 3,448.74 | 1/4 | 3,121.00 | 1/4 | 2,793.26 | 1/4 | 2,465.51 | 1/4 | 2,137.77 | 1/4 | 1,810.02 | 1/4 | 1,482.37 | 1/4 | 1,154.79 | 1/4 | 827.45   | 1/4 | 499.72 | 1/4 | 188.99 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,425.15 | 1/2 | 4,097.40 | 1/2 | 3,769.66 | 1/2 | 3,441.92 | 1/2 | 3,114.17 | 1/2 | 2,786.43 | 1/2 | 2,458.68 | 1/2 | 2,130.94 | 1/2 | 1,803.20 | 1/2 | 1,475.55 | 1/2 | 1,147.97 | 1/2 | 820.63   | 1/2 | 492.90 | 1/2 | 183.02 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,418.32 | 3/4 | 4,090.58 | 3/4 | 3,762.83 | 3/4 | 3,435.09 | 3/4 | 3,107.34 | 3/4 | 2,779.60 | 3/4 | 2,451.86 | 3/4 | 2,124.11 | 3/4 | 1,796.37 | 3/4 | 1,468.73 | 3/4 | 1,141.14 | 3/4 | 813.81   | 3/4 | 486.07 | 3/4 | 177.05 | 3/4 |        |
| 5     | 5        | 5   | 4,411.49 | 5   | 4,083.75 | 5   | 3,756.00 | 5   | 3,428.26 | 5   | 3,100.52 | 5   | 2,772.77 | 5   | 2,445.03 | 5   | 2,117.28 | 5   | 1,789.54 | 5   | 1,461.91 | 5   | 1,134.31 | 5   | 806.99   | 5   | 479.24 | 5   | 171.08 | 5   |        |
| 1/4   | 1/4      | 1/4 | 4,404.66 | 1/4 | 4,076.92 | 1/4 | 3,749.18 | 1/4 | 3,421.43 | 1/4 | 3,093.69 | 1/4 | 2,765.94 | 1/4 | 2,438.20 | 1/4 | 2,110.46 | 1/4 | 1,782.71 | 1/4 | 1,455.10 | 1/4 | 1,127.49 | 1/4 | 800.17   | 1/4 | 472.41 | 1/4 | 165.15 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,397.84 | 1/2 | 4,070.09 | 1/2 | 3,742.35 | 1/2 | 3,414.60 | 1/2 | 3,086.86 | 1/2 | 2,759.12 | 1/2 | 2,431.37 | 1/2 | 2,103.63 | 1/2 | 1,775.88 | 1/2 | 1,448.28 | 1/2 | 1,120.67 | 1/2 | 793.34   | 1/2 | 465.58 | 1/2 | 159.26 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,391.01 | 3/4 | 4,063.26 | 3/4 | 3,735.52 | 3/4 | 3,407.78 | 3/4 | 3,080.03 | 3/4 | 2,752.29 | 3/4 | 2,424.54 | 3/4 | 2,096.80 | 3/4 | 1,769.06 | 3/4 | 1,441.46 | 3/4 | 1,113.85 | 3/4 | 786.52   | 3/4 | 458.75 | 3/4 | 153.37 | 3/4 |        |
| 6 1/8 | 6,687.29 | 6   | 4,384.18 | 6   | 4,056.44 | 6   | 3,728.69 | 6   | 3,400.95 | 6   | 3,073.20 | 6   | 2,745.46 | 6   | 2,417.72 | 6   | 2,089.97 | 6   | 1,762.23 | 6   | 1,434.64 | 6   | 1,107.03 | 6   | 779.69   | 6   | 451.93 | 6   | 147.49 | 6   |        |
| 1/4   | 1/4      | 1/4 | 4,685.30 | 1/4 | 4,377.35 | 1/4 | 4,049.61 | 1/4 | 3,721.86 | 1/4 | 3,394.12 | 1/4 | 3,066.38 | 1/4 | 2,738.63 | 1/4 | 2,410.89 | 1/4 | 2,083.14 | 1/4 | 1,755.40 | 1/4 | 1,427.82 | 1/4 | 1,100.20 | 1/4 | 772.86 | 1/4 | 445.12 | 1/4 | 141.64 |
| 1/2   | 1/2      | 1/2 | 4,681.31 | 1/2 | 4,370.52 | 1/2 | 4,042.78 | 1/2 | 3,715.04 | 1/2 | 3,387.29 | 1/2 | 3,059.55 | 1/2 | 2,731.80 | 1/2 | 2,404.06 | 1/2 | 2,076.32 | 1/2 | 1,748.57 | 1/2 | 1,421.01 | 1/2 | 1,093.38 | 1/2 | 766.03 | 1/2 | 438.33 | 1/2 | 135.84 |
| 3/4   | 3/4      | 3/4 | 4,677.33 | 3/4 | 4,363.70 | 3/4 | 4,035.95 | 3/4 | 3,708.21 | 3/4 | 3,380.46 | 3/4 | 3,052.72 | 3/4 | 2,724.98 | 3/4 | 2,397.23 | 3/4 | 2,069.49 | 3/4 | 1,741.74 | 3/4 | 1,414.19 | 3/4 | 1,086.56 | 3/4 | 759.20 | 3/4 | 431.54 | 3/4 | 130.04 |
| 7     | 7        | 7   | 4,673.35 | 7   | 4,356.87 | 7   | 4,029.12 | 7   | 3,701.38 | 7   | 3,373.64 | 7   | 3,045.89 | 7   | 2,718.15 | 7   | 2,390.40 | 7   | 2,062.66 | 7   | 1,734.92 | 7   | 1,407.37 | 7   | 1,079.74 | 7   | 752.38 | 7   | 424.76 | 7   | 124.24 |
| 1/4   | 1/4      | 1/4 | 4,668.79 | 1/4 | 4,350.04 | 1/4 | 4,022.30 | 1/4 | 3,694.55 | 1/4 | 3,366.81 | 1/4 | 3,039.06 | 1/4 | 2,711.32 | 1/4 | 2,383.58 | 1/4 | 2,055.83 | 1/4 | 1,728.09 | 1/4 | 1,400.55 | 1/4 | 1,072.92 | 1/4 | 745.55 | 1/4 | 418.01 | 1/4 | 118.70 |
| 1/2   | 1/2      | 1/2 | 4,663.67 | 1/2 | 4,343.21 | 1/2 | 4,015.47 | 1/2 | 3,687.72 | 1/2 | 3,359.98 | 1/2 | 3,032.24 | 1/2 | 2,704.49 | 1/2 | 2,376.75 | 1/2 | 2,049.00 | 1/2 | 1,721.26 | 1/2 | 1,393.73 | 1/2 | 1,066.10 | 1/2 | 738.72 | 1/2 | 411.30 | 1/2 | 113.44 |
| 3/4   | 3/4      | 3/4 | 4,658.55 | 3/4 | 4,336.38 | 3/4 | 4,008.64 | 3/4 | 3,680.90 | 3/4 | 3,353.15 | 3/4 | 3,025.41 | 3/4 | 2,697.66 | 3/4 | 2,369.92 | 3/4 | 2,042.18 | 3/4 | 1,714.43 | 3/4 | 1,386.92 | 3/4 | 1,059.28 | 3/4 | 731.89 | 3/4 | 404.60 | 3/4 | 108.18 |
| 8     | 8        | 8   | 4,653.43 | 8   | 4,329.56 | 8   | 4,001.81 | 8   | 3,674.07 | 8   | 3,346.32 | 8   | 3,018.58 | 8   | 2,690.84 | 8   | 2,363.09 | 8   | 2,035.35 | 8   | 1,707.60 | 8   | 1,380.10 | 8   | 1,052.46 | 8   | 725.06 | 8   | 397.89 | 8   | 102.92 |
| 1/4   | 1/4      | 1/4 | 4,647.75 | 1/4 | 4,322.73 | 1/4 | 3,994.98 | 1/4 | 3,667.24 | 1/4 | 3,339.50 | 1/4 | 3,011.75 | 1/4 | 2,684.01 | 1/4 | 2,356.26 | 1/4 | 2,028.52 | 1/4 | 1,700.78 | 1/4 | 1,373.27 | 1/4 | 1,045.64 | 1/4 | 718.23 | 1/4 | 391.23 | 1/4 | 97.70  |
| 1/2   | 1/2      | 1/2 | 4,641.49 | 1/2 | 4,315.90 | 1/2 | 3,988.16 | 1/2 | 3,660.41 | 1/2 | 3,332.67 | 1/2 | 3,004.92 | 1/2 | 2,677.18 | 1/2 | 2,349.44 | 1/2 | 2,021.69 | 1/2 | 1,693.95 | 1/2 | 1,366.45 | 1/2 | 1,038.82 | 1/2 | 711.40 | 1/2 | 384.60 | 1/2 | 92.54  |
| 3/4   | 3/4      | 3/4 | 4,635.24 | 3/4 | 4,309.07 | 3/4 | 3,981.33 | 3/4 | 3,653.58 | 3/4 | 3,325.84 | 3/4 | 2,998.10 | 3/4 | 2,670.35 | 3/4 | 2,342.61 | 3/4 | 2,014.86 | 3/4 | 1,687.12 | 3/4 | 1,359.62 | 3/4 | 1,032.01 | 3/4 | 704.58 | 3/4 | 377.98 | 3/4 | 87.37  |
| 9     | 9        | 9   | 4,628.99 | 9   | 4,302.24 | 9   | 3,974.50 | 9   | 3,646.76 | 9   | 3,319.01 | 9   | 2,991.27 | 9   | 2,663.52 | 9   | 2,335.78 | 9   | 2,008.04 | 9   | 1,680.29 | 9   | 1,352.79 | 9   | 1,025.19 | 9   | 697.75 | 9   | 371.35 | 9   | 82.2   |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**1 STBD**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16'-01 3/8"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   |       | 0   | 4,556.14 | 0   | 4,228.44 | 0   | 3,900.61 | 0   | 3,572.78 | 0   | 3,244.95 | 0   | 2,917.12 | 0   | 2,589.29 | 0   | 2,261.46 | 0   | 1,933.63 | 0   | 1,605.82 | 0   | 1,278.22 | 0   | 950.58   | 0   | 622.80 | 0   | 300.30 | 0   | 29.54  |
| 1/4 | 1/4   | 1/4 | 4,549.34 | 1/4 | 4,221.61 | 1/4 | 3,893.78 | 1/4 | 3,565.95 | 1/4 | 3,238.12 | 1/4 | 2,910.29 | 1/4 | 2,582.46 | 1/4 | 2,254.63 | 1/4 | 1,926.80 | 1/4 | 1,599.00 | 1/4 | 1,271.39 | 1/4 | 943.76   | 1/4 | 615.97 | 1/4 | 293.94 | 1/4 | 25.47  |
| 1/2 | 1/2   | 1/2 | 4,542.53 | 1/2 | 4,214.78 | 1/2 | 3,886.95 | 1/2 | 3,559.12 | 1/2 | 3,231.29 | 1/2 | 2,903.46 | 1/2 | 2,575.63 | 1/2 | 2,247.80 | 1/2 | 1,919.97 | 1/2 | 1,592.18 | 1/2 | 1,264.56 | 1/2 | 936.93   | 1/2 | 609.14 | 1/2 | 287.62 | 1/2 | 22.29  |
| 3/4 | 3/4   | 3/4 | 4,535.71 | 3/4 | 4,207.95 | 3/4 | 3,880.12 | 3/4 | 3,552.29 | 3/4 | 3,224.46 | 3/4 | 2,896.63 | 3/4 | 2,568.80 | 3/4 | 2,240.97 | 3/4 | 1,913.14 | 3/4 | 1,585.36 | 3/4 | 1,257.73 | 3/4 | 930.11   | 3/4 | 602.31 | 3/4 | 281.34 | 3/4 | 20.00  |
| 1   | 1     | 1   | 4,528.90 | 1   | 4,201.12 | 1   | 3,873.29 | 1   | 3,545.46 | 1   | 3,217.63 | 1   | 2,889.80 | 1   | 2,561.97 | 1   | 2,234.14 | 1   | 1,906.31 | 1   | 1,578.54 | 1   | 1,250.90 | 1   | 923.28   | 1   | 595.48 | 1   | 275.07 | 1   | 17.72  |
| 1/4 | 1/4   | 1/4 | 4,522.08 | 1/4 | 4,194.29 | 1/4 | 3,866.46 | 1/4 | 3,538.63 | 1/4 | 3,210.80 | 1/4 | 2,882.97 | 1/4 | 2,555.14 | 1/4 | 2,227.31 | 1/4 | 1,899.48 | 1/4 | 1,571.72 | 1/4 | 1,244.07 | 1/4 | 916.46   | 1/4 | 588.65 | 1/4 | 268.79 | 1/4 | 15.43  |
| 1/2 | 1/2   | 1/2 | 4,515.26 | 1/2 | 4,187.46 | 1/2 | 3,859.63 | 1/2 | 3,531.80 | 1/2 | 3,203.97 | 1/2 | 2,876.14 | 1/2 | 2,548.31 | 1/2 | 2,220.48 | 1/2 | 1,892.65 | 1/2 | 1,564.90 | 1/2 | 1,237.24 | 1/2 | 909.63   | 1/2 | 581.82 | 1/2 | 262.54 | 1/2 | 14.29  |
| 3/4 | 3/4   | 3/4 | 4,508.43 | 3/4 | 4,180.63 | 3/4 | 3,852.80 | 3/4 | 3,524.97 | 3/4 | 3,197.14 | 3/4 | 2,869.31 | 3/4 | 2,541.48 | 3/4 | 2,213.65 | 3/4 | 1,885.82 | 3/4 | 1,558.08 | 3/4 | 1,230.42 | 3/4 | 902.81   | 3/4 | 574.99 | 3/4 | 256.32 | 3/4 |        |
| 2   | 2     | 2   | 4,501.61 | 2   | 4,173.80 | 2   | 3,845.97 | 2   | 3,518.14 | 2   | 3,190.31 | 2   | 2,862.48 | 2   | 2,534.65 | 2   | 2,206.82 | 2   | 1,878.99 | 2   | 1,551.26 | 2   | 1,223.59 | 2   | 895.98   | 2   | 568.16 | 2   | 250.11 | 2   |        |
| 1/4 | 1/4   | 1/4 | 4,494.78 | 1/4 | 4,166.97 | 1/4 | 3,839.14 | 1/4 | 3,511.31 | 1/4 | 3,183.48 | 1/4 | 2,855.65 | 1/4 | 2,527.82 | 1/4 | 2,199.99 | 1/4 | 1,872.16 | 1/4 | 1,544.44 | 1/4 | 1,216.76 | 1/4 | 889.16   | 1/4 | 561.33 | 1/4 | 243.89 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,487.96 | 1/2 | 4,160.14 | 1/2 | 3,832.31 | 1/2 | 3,504.48 | 1/2 | 3,176.65 | 1/2 | 2,848.82 | 1/2 | 2,520.99 | 1/2 | 2,193.16 | 1/2 | 1,865.33 | 1/2 | 1,537.62 | 1/2 | 1,209.93 | 1/2 | 882.33   | 1/2 | 554.50 | 1/2 | 237.71 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,481.13 | 3/4 | 4,153.31 | 3/4 | 3,825.48 | 3/4 | 3,497.65 | 3/4 | 3,169.82 | 3/4 | 2,841.99 | 3/4 | 2,514.16 | 3/4 | 2,186.33 | 3/4 | 1,858.50 | 3/4 | 1,530.80 | 3/4 | 1,203.10 | 3/4 | 875.51   | 3/4 | 547.67 | 3/4 | 231.58 | 3/4 |        |
| 3   | 3     | 3   | 4,474.31 | 3   | 4,146.48 | 3   | 3,818.65 | 3   | 3,490.82 | 3   | 3,162.99 | 3   | 2,835.16 | 3   | 2,507.33 | 3   | 2,179.50 | 3   | 1,851.67 | 3   | 1,523.98 | 3   | 1,196.27 | 3   | 868.68   | 3   | 540.84 | 3   | 225.44 | 3   |        |
| 1/4 | 1/4   | 1/4 | 4,467.48 | 1/4 | 4,139.65 | 1/4 | 3,811.82 | 1/4 | 3,483.99 | 1/4 | 3,156.16 | 1/4 | 2,828.33 | 1/4 | 2,500.50 | 1/4 | 2,172.67 | 1/4 | 1,844.84 | 1/4 | 1,517.16 | 1/4 | 1,189.44 | 1/4 | 861.85   | 1/4 | 534.01 | 1/4 | 219.31 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,460.65 | 1/2 | 4,132.82 | 1/2 | 3,804.99 | 1/2 | 3,477.16 | 1/2 | 3,149.33 | 1/2 | 2,821.50 | 1/2 | 2,493.67 | 1/2 | 2,165.84 | 1/2 | 1,838.01 | 1/2 | 1,510.34 | 1/2 | 1,182.61 | 1/2 | 855.02   | 1/2 | 527.18 | 1/2 | 213.21 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,453.82 | 3/4 | 4,125.99 | 3/4 | 3,798.16 | 3/4 | 3,470.33 | 3/4 | 3,142.50 | 3/4 | 2,814.67 | 3/4 | 2,486.84 | 3/4 | 2,159.01 | 3/4 | 1,831.18 | 3/4 | 1,503.52 | 3/4 | 1,175.79 | 3/4 | 848.19   | 3/4 | 520.35 | 3/4 | 207.16 | 3/4 |        |
| 4   | 4     | 4   | 4,446.99 | 4   | 4,119.16 | 4   | 3,791.33 | 4   | 3,463.50 | 4   | 3,135.67 | 4   | 2,807.84 | 4   | 2,480.01 | 4   | 2,152.18 | 4   | 1,824.35 | 4   | 1,496.70 | 4   | 1,168.96 | 4   | 841.36   | 4   | 513.52 | 4   | 201.11 | 4   |        |
| 1/4 | 1/4   | 1/4 | 4,440.16 | 1/4 | 4,112.33 | 1/4 | 3,784.50 | 1/4 | 3,456.67 | 1/4 | 3,128.84 | 1/4 | 2,801.01 | 1/4 | 2,473.18 | 1/4 | 2,145.35 | 1/4 | 1,817.52 | 1/4 | 1,489.88 | 1/4 | 1,162.13 | 1/4 | 834.53   | 1/4 | 506.69 | 1/4 | 195.05 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,433.33 | 1/2 | 4,105.50 | 1/2 | 3,777.67 | 1/2 | 3,449.84 | 1/2 | 3,122.01 | 1/2 | 2,794.18 | 1/2 | 2,466.35 | 1/2 | 2,138.52 | 1/2 | 1,810.69 | 1/2 | 1,483.06 | 1/2 | 1,155.31 | 1/2 | 827.70   | 1/2 | 499.86 | 1/2 | 189.04 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,426.50 | 3/4 | 4,098.67 | 3/4 | 3,770.84 | 3/4 | 3,443.01 | 3/4 | 3,115.18 | 3/4 | 2,787.35 | 3/4 | 2,459.52 | 3/4 | 2,131.69 | 3/4 | 1,803.86 | 3/4 | 1,476.24 | 3/4 | 1,148.48 | 3/4 | 820.87   | 3/4 | 493.03 | 3/4 | 183.07 | 3/4 |        |
| 5   | 5     | 5   | 4,419.67 | 5   | 4,091.84 | 5   | 3,764.01 | 5   | 3,436.18 | 5   | 3,108.35 | 5   | 2,780.52 | 5   | 2,452.69 | 5   | 2,124.86 | 5   | 1,797.03 | 5   | 1,469.42 | 5   | 1,141.66 | 5   | 814.04   | 5   | 486.20 | 5   | 177.10 | 5   |        |
| 1/4 | 1/4   | 1/4 | 4,412.84 | 1/4 | 4,085.01 | 1/4 | 3,757.18 | 1/4 | 3,429.35 | 1/4 | 3,101.52 | 1/4 | 2,773.69 | 1/4 | 2,445.86 | 1/4 | 2,118.03 | 1/4 | 1,790.20 | 1/4 | 1,462.60 | 1/4 | 1,134.83 | 1/4 | 807.21   | 1/4 | 479.37 | 1/4 | 171.13 | 1/4 |        |
| 1/2 | 1/2   | 1/2 | 4,406.02 | 1/2 | 4,078.18 | 1/2 | 3,750.35 | 1/2 | 3,422.52 | 1/2 | 3,094.69 | 1/2 | 2,766.86 | 1/2 | 2,439.03 | 1/2 | 2,111.20 | 1/2 | 1,783.37 | 1/2 | 1,455.78 | 1/2 | 1,128.01 | 1/2 | 800.38   | 1/2 | 472.54 | 1/2 | 165.20 | 1/2 |        |
| 3/4 | 3/4   | 3/4 | 4,399.19 | 3/4 | 4,071.35 | 3/4 | 3,743.52 | 3/4 | 3,415.69 | 3/4 | 3,087.86 | 3/4 | 2,760.03 | 3/4 | 2,432.20 | 3/4 | 2,104.37 | 3/4 | 1,776.54 | 3/4 | 1,448.95 | 3/4 | 1,121.19 | 3/4 | 793.55   | 3/4 | 465.71 | 3/4 | 159.31 | 3/4 |        |
| 6   | 6     | 6   | 4,392.36 | 6   | 4,064.53 | 6   | 3,736.69 | 6   | 3,408.86 | 6   | 3,081.03 | 6   | 2,753.20 | 6   | 2,425.37 | 6   | 2,097.54 | 6   | 1,769.71 | 6   | 1,442.12 | 6   | 1,114.36 | 6   | 786.72   | 6   | 458.88 | 6   | 153.42 | 6   |        |
| 3/8 | 3/8   | 3/8 | 4,688.69 | 3/8 | 4,385.53 | 3/8 | 4,057.70 | 3/8 | 3,729.86 | 3/8 | 3,402.03 | 3/8 | 3,074.20 | 3/8 | 2,746.37 | 3/8 | 2,418.54 | 3/8 | 2,090.71 | 3/8 | 1,762.88 | 3/8 | 1,435.29 | 3/8 | 1,107.54 | 3/8 | 779.89 | 3/8 | 452.05 | 3/8 | 147.53 |
| 1/2 | 1/2   | 1/2 | 4,686.70 | 1/2 | 4,378.70 | 1/2 | 4,050.87 | 1/2 | 3,723.04 | 1/2 | 3,395.20 | 1/2 | 3,067.37 | 1/2 | 2,739.54 | 1/2 | 2,411.71 | 1/2 | 2,083.88 | 1/2 | 1,756.05 | 1/2 | 1,428.46 | 1/2 | 1,100.71 | 1/2 | 773.06 | 1/2 | 445.24 | 1/2 | 141.68 |
| 3/4 | 3/4   | 3/4 | 4,682.71 | 3/4 | 4,371.87 | 3/4 | 4,044.04 | 3/4 | 3,716.21 | 3/4 | 3,388.37 | 3/4 | 3,060.54 | 3/4 | 2,732.71 | 3/4 | 2,404.88 | 3/4 | 2,077.05 | 3/4 | 1,749.22 | 3/4 | 1,421.63 | 3/4 | 1,093.89 | 3/4 | 766.23 | 3/4 | 438.45 | 3/4 | 135.88 |
| 7   | 7     | 7   | 4,678.73 | 7   | 4,365.04 | 7   | 4,037.21 | 7   | 3,709.38 | 7   | 3,381.55 | 7   | 3,053.71 | 7   | 2,725.88 | 7   | 2,398.05 | 7   | 2,070.22 | 7   | 1,742.39 | 7   | 1,414.80 | 7   | 1,087.06 | 7   | 759.40 | 7   | 431.66 | 7   | 130.08 |
| 1/4 | 1/4   | 1/4 | 4,674.74 | 1/4 | 4,358.21 | 1/4 | 4,030.38 | 1/4 | 3,702.55 | 1/4 | 3,374.72 | 1/4 | 3,046.88 | 1/4 | 2,719.05 | 1/4 | 2,391.22 | 1/4 | 2,063.39 | 1/4 | 1,735.56 | 1/4 | 1,407.97 | 1/4 | 1,080.24 | 1/4 | 752.57 | 1/4 | 424.87 | 1/4 | 124.27 |
| 1/2 | 1/2   | 1/2 | 4,670.19 | 1/2 | 4,351.38 | 1/2 | 4,023.55 | 1/2 | 3,695.72 | 1/2 | 3,367.89 | 1/2 | 3,040.06 | 1/2 | 2,712.22 | 1/2 | 2,384.39 | 1/2 | 2,056.56 | 1/2 | 1,728.73 | 1/2 | 1,401.15 | 1/2 | 1,073.42 | 1/2 | 745.74 | 1/2 | 418.12 | 1/2 | 118.74 |
| 3/4 | 3/4   | 3/4 | 4,665.07 | 3/4 | 4,344.55 | 3/4 | 4,016.72 | 3/4 | 3,688.89 | 3/4 | 3,361.06 | 3/4 | 3,033.23 | 3/4 | 2,705.39 | 3/4 | 2,377.56 | 3/4 | 2,049.73 | 3/4 | 1,721.90 | 3/4 | 1,394.32 | 3/4 | 1,066.59 | 3/4 | 738.91 | 3/4 | 411.42 | 3/4 | 113.48 |
| 8   | 8     | 8   | 4,659.95 | 8   | 4,337.72 | 8   | 4,009.89 | 8   | 3,682.06 | 8   | 3,354.23 | 8   | 3,026.40 | 8   | 2,698.57 | 8   | 2,370.73 | 8   | 2,042.90 | 8   | 1,715.07 | 8   | 1,387.49 | 8   | 1,059.77 | 8   | 732.08 | 8   | 404.71 | 8   | 108.21 |
| 1/4 | 1/4   | 1/4 | 4,654.83 | 1/4 | 4,330.89 | 1/4 | 4,003.06 | 1/4 | 3,675.23 | 1/4 | 3,347.40 | 1/4 | 3,019.57 | 1/4 | 2,691.74 | 1/4 | 2,363.90 | 1/4 | 2,036.07 | 1/4 | 1,708.24 | 1/4 | 1,380.66 | 1/4 | 1,052.94 | 1/4 | 725.25 | 1/4 | 398.00 | 1/4 | 102.95 |
| 1/2 | 1/2   | 1/2 | 4,649.14 | 1/2 | 4,324.06 | 1/2 | 3,996.23 | 1/2 | 3,668.40 | 1/2 | 3,340.57 | 1/2 | 3,012.74 | 1/2 | 2,684.91 | 1/2 | 2,357.08 | 1/2 | 2,029.24 | 1/2 | 1,701.41 | 1/2 | 1,373.83 | 1/2 | 1,046.12 | 1/2 | 718.42 | 1/2 | 391.33 | 1/2 | 97.73  |
| 3/4 | 3/4   | 3/4 | 4,642.88 | 3/4 | 4,317.23 | 3/4 | 3,989.40 | 3/4 | 3,661.57 | 3/4 | 3,333.74 | 3/4 | 3,005.91 | 3/4 | 2,678.08 | 3/4 | 2,350.25 | 3/4 | 2,022.41 | 3/4 | 1,694.58 | 3/4 | 1,367.00 | 3/4 | 1,039.30 | 3/4 | 711.59 | 3/4 | 384.71 | 3/4 | 92.57  |
| 9   | 9     | 9   | 4,636.63 | 9   | 4,310.40 | 9   | 3,982.57 | 9   | 3,654.74 | 9   | 3,326.91 | 9   | 2,999.08 | 9   | 2,671.25 | 9   | 2,343.42 | 9   | 2,015.59 | 9   | 1,687.75 | 9   | 1,360.17 | 9   | 1,032.47 | 9   | 704.76 | 9   | 378.08 | 9   | 87.40  |
| 1/4 | 1/4   | 1/4 | 4,630.38 | 1/4 | 4,303.57 | 1/4 | 3,975.74 | 1/4 | 3,647.91 | 1   |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**2 PORT**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16'-01"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   |          | 0   | 4,916.72 | 0   | 4,566.64 | 0   | 4,216.47 | 0   | 3,866.29 | 0   | 3,516.12 | 0   | 3,165.94 | 0   | 2,815.77 | 0   | 2,465.59 | 0   | 2,115.42 | 0   | 1,765.24 | 0   | 1,415.84 | 0   | 1,065.69 | 0   | 717.21 | 0   | 367.33 | 0   | 31.46  |
| 1/4 | 1/4      | 1/4 | 4,909.44 | 1/4 | 4,559.34 | 1/4 | 4,209.17 | 1/4 | 3,859.00 | 1/4 | 3,508.82 | 1/4 | 3,158.65 | 1/4 | 2,808.47 | 1/4 | 2,458.30 | 1/4 | 2,108.12 | 1/4 | 1,757.95 | 1/4 | 1,408.55 | 1/4 | 1,058.39 | 1/4 | 709.95 | 1/4 | 360.06 | 1/4 | 27.40  |
| 1/2 | 1/2      | 1/2 | 4,902.16 | 1/2 | 4,552.05 | 1/2 | 4,201.88 | 1/2 | 3,851.70 | 1/2 | 3,501.53 | 1/2 | 3,151.35 | 1/2 | 2,801.18 | 1/2 | 2,451.00 | 1/2 | 2,100.83 | 1/2 | 1,750.65 | 1/2 | 1,401.25 | 1/2 | 1,051.10 | 1/2 | 702.69 | 1/2 | 352.78 | 1/2 | 23.34  |
| 3/4 | 3/4      | 3/4 | 4,894.88 | 3/4 | 4,544.75 | 3/4 | 4,194.58 | 3/4 | 3,844.41 | 3/4 | 3,494.23 | 3/4 | 3,144.06 | 3/4 | 2,793.88 | 3/4 | 2,443.71 | 3/4 | 2,093.53 | 3/4 | 1,743.36 | 3/4 | 1,393.96 | 3/4 | 1,043.80 | 3/4 | 695.43 | 3/4 | 345.50 | 3/4 | 19.28  |
| 1   | 1        | 1   | 4,887.59 | 1   | 4,537.46 | 1   | 4,187.28 | 1   | 3,837.11 | 1   | 3,486.94 | 1   | 3,136.76 | 1   | 2,786.59 | 1   | 2,436.41 | 1   | 2,086.24 | 1   | 1,736.06 | 1   | 1,386.66 | 1   | 1,036.51 | 1   | 688.17 | 1   | 338.23 | 1   | 15.22  |
| 1/4 | 1/4      | 1/4 | 4,880.30 | 1/4 | 4,530.16 | 1/4 | 4,179.99 | 1/4 | 3,829.81 | 1/4 | 3,479.64 | 1/4 | 3,129.47 | 1/4 | 2,779.29 | 1/4 | 2,429.12 | 1/4 | 2,078.94 | 1/4 | 1,728.77 | 1/4 | 1,379.37 | 1/4 | 1,029.25 | 1/4 | 680.88 | 1/4 | 330.93 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,873.01 | 1/2 | 4,522.87 | 1/2 | 4,172.69 | 1/2 | 3,822.52 | 1/2 | 3,472.35 | 1/2 | 3,122.17 | 1/2 | 2,772.00 | 1/2 | 2,421.82 | 1/2 | 2,071.65 | 1/2 | 1,721.47 | 1/2 | 1,372.07 | 1/2 | 1,021.99 | 1/2 | 673.58 | 1/2 | 323.64 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,865.72 | 3/4 | 4,515.57 | 3/4 | 4,165.40 | 3/4 | 3,815.22 | 3/4 | 3,465.05 | 3/4 | 3,114.88 | 3/4 | 2,764.70 | 3/4 | 2,414.53 | 3/4 | 2,064.35 | 3/4 | 1,714.18 | 3/4 | 1,364.78 | 3/4 | 1,014.73 | 3/4 | 666.29 | 3/4 | 316.34 | 3/4 |        |
| 2   | 2        | 2   | 4,858.43 | 2   | 4,508.28 | 2   | 4,158.10 | 2   | 3,807.93 | 2   | 3,457.75 | 2   | 3,107.58 | 2   | 2,757.41 | 2   | 2,407.23 | 2   | 2,057.06 | 2   | 1,706.88 | 2   | 1,357.48 | 2   | 1,007.47 | 2   | 658.99 | 2   | 309.05 | 2   |        |
| 1/4 | 1/4      | 1/4 | 4,851.14 | 1/4 | 4,500.98 | 1/4 | 4,150.81 | 1/4 | 3,800.63 | 1/4 | 3,450.46 | 1/4 | 3,100.28 | 1/4 | 2,750.11 | 1/4 | 2,399.94 | 1/4 | 2,049.76 | 1/4 | 1,699.62 | 1/4 | 1,350.19 | 1/4 | 1,000.22 | 1/4 | 651.70 | 1/4 | 301.75 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,843.85 | 1/2 | 4,493.69 | 1/2 | 4,143.51 | 1/2 | 3,793.34 | 1/2 | 3,443.16 | 1/2 | 3,092.99 | 1/2 | 2,742.81 | 1/2 | 2,392.64 | 1/2 | 2,042.47 | 1/2 | 1,692.36 | 1/2 | 1,342.89 | 1/2 | 992.96   | 1/2 | 644.40 | 1/2 | 294.46 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,836.56 | 3/4 | 4,486.39 | 3/4 | 4,136.22 | 3/4 | 3,786.04 | 3/4 | 3,435.87 | 3/4 | 3,085.69 | 3/4 | 2,735.52 | 3/4 | 2,385.35 | 3/4 | 2,035.17 | 3/4 | 1,685.09 | 3/4 | 1,335.60 | 3/4 | 985.70   | 3/4 | 637.11 | 3/4 | 287.16 | 3/4 |        |
| 3   | 3        | 3   | 4,829.27 | 3   | 4,479.10 | 3   | 4,128.92 | 3   | 3,778.75 | 3   | 3,428.57 | 3   | 3,078.40 | 3   | 2,728.22 | 3   | 2,378.05 | 3   | 2,027.88 | 3   | 1,677.83 | 3   | 1,328.30 | 3   | 978.44   | 3   | 629.81 | 3   | 279.86 | 3   |        |
| 1/4 | 1/4      | 1/4 | 4,821.98 | 1/4 | 4,471.80 | 1/4 | 4,121.63 | 1/4 | 3,771.45 | 1/4 | 3,421.28 | 1/4 | 3,071.10 | 1/4 | 2,720.93 | 1/4 | 2,370.75 | 1/4 | 2,020.58 | 1/4 | 1,670.57 | 1/4 | 1,321.01 | 1/4 | 971.19   | 1/4 | 622.51 | 1/4 | 272.57 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,814.68 | 1/2 | 4,464.51 | 1/2 | 4,114.33 | 1/2 | 3,764.16 | 1/2 | 3,413.98 | 1/2 | 3,063.81 | 1/2 | 2,713.63 | 1/2 | 2,363.46 | 1/2 | 2,013.28 | 1/2 | 1,663.30 | 1/2 | 1,313.71 | 1/2 | 963.93   | 1/2 | 615.22 | 1/2 | 265.27 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,807.38 | 3/4 | 4,457.21 | 3/4 | 4,107.04 | 3/4 | 3,756.86 | 3/4 | 3,406.69 | 3/4 | 3,056.51 | 3/4 | 2,706.34 | 3/4 | 2,356.16 | 3/4 | 2,005.99 | 3/4 | 1,656.04 | 3/4 | 1,306.42 | 3/4 | 956.67   | 3/4 | 607.92 | 3/4 | 257.98 | 3/4 |        |
| 4   | 4        | 4   | 4,800.09 | 4   | 4,449.92 | 4   | 4,099.74 | 4   | 3,749.57 | 4   | 3,399.39 | 4   | 3,049.22 | 4   | 2,699.04 | 4   | 2,348.87 | 4   | 1,998.69 | 4   | 1,648.78 | 4   | 1,299.13 | 4   | 949.42   | 4   | 600.63 | 4   | 250.68 | 4   |        |
| 1/4 | 1/4      | 1/4 | 4,792.79 | 1/4 | 4,442.62 | 1/4 | 4,092.45 | 1/4 | 3,742.27 | 1/4 | 3,392.10 | 1/4 | 3,041.92 | 1/4 | 2,691.75 | 1/4 | 2,341.57 | 1/4 | 1,991.40 | 1/4 | 1,641.51 | 1/4 | 1,291.83 | 1/4 | 942.16   | 1/4 | 593.33 | 1/4 | 243.39 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,785.50 | 1/2 | 4,435.32 | 1/2 | 4,085.15 | 1/2 | 3,734.98 | 1/2 | 3,384.80 | 1/2 | 3,034.63 | 1/2 | 2,684.45 | 1/2 | 2,334.28 | 1/2 | 1,984.10 | 1/2 | 1,634.25 | 1/2 | 1,284.54 | 1/2 | 934.90   | 1/2 | 586.04 | 1/2 | 236.09 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,778.20 | 3/4 | 4,428.03 | 3/4 | 4,077.85 | 3/4 | 3,727.68 | 3/4 | 3,377.51 | 3/4 | 3,027.33 | 3/4 | 2,677.16 | 3/4 | 2,326.98 | 3/4 | 1,976.81 | 3/4 | 1,626.98 | 3/4 | 1,277.24 | 3/4 | 927.65   | 3/4 | 578.74 | 3/4 | 228.80 | 3/4 |        |
| 5   | 5        | 5   | 4,770.91 | 5   | 4,420.73 | 5   | 4,070.56 | 5   | 3,720.39 | 5   | 3,370.21 | 5   | 3,020.04 | 5   | 2,669.86 | 5   | 2,319.69 | 5   | 1,969.51 | 5   | 1,619.72 | 5   | 1,269.95 | 5   | 920.39   | 5   | 571.45 | 5   | 221.50 | 5   |        |
| 1/4 | 1/4      | 1/4 | 4,763.61 | 1/4 | 4,413.44 | 1/4 | 4,063.26 | 1/4 | 3,713.09 | 1/4 | 3,362.92 | 1/4 | 3,012.74 | 1/4 | 2,662.57 | 1/4 | 2,312.39 | 1/4 | 1,962.22 | 1/4 | 1,612.46 | 1/4 | 1,262.65 | 1/4 | 913.14   | 1/4 | 564.15 | 1/4 | 214.21 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,756.32 | 1/2 | 4,406.14 | 1/2 | 4,055.97 | 1/2 | 3,705.79 | 1/2 | 3,355.62 | 1/2 | 3,005.45 | 1/2 | 2,655.27 | 1/2 | 2,305.10 | 1/2 | 1,954.92 | 1/2 | 1,605.19 | 1/2 | 1,255.36 | 1/2 | 905.88   | 1/2 | 556.85 | 1/2 | 206.91 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,749.02 | 3/4 | 4,398.85 | 3/4 | 4,048.67 | 3/4 | 3,698.50 | 3/4 | 3,348.32 | 3/4 | 2,998.15 | 3/4 | 2,647.98 | 3/4 | 2,297.80 | 3/4 | 1,947.63 | 3/4 | 1,597.93 | 3/4 | 1,248.06 | 3/4 | 898.62   | 3/4 | 549.56 | 3/4 | 199.62 | 3/4 |        |
| 6   | 5,069.20 | 6   | 4,741.73 | 6   | 4,391.55 | 6   | 4,041.38 | 6   | 3,691.20 | 6   | 3,341.03 | 6   | 2,990.86 | 6   | 2,640.68 | 6   | 2,290.51 | 6   | 1,940.33 | 6   | 1,590.67 | 6   | 1,240.77 | 6   | 891.37   | 6   | 542.26 | 6   | 192.32 | 6   |        |
| 1/4 | 5,064.95 | 1/4 | 4,734.43 | 1/4 | 4,384.26 | 1/4 | 4,034.08 | 1/4 | 3,683.91 | 1/4 | 3,333.73 | 1/4 | 2,983.56 | 1/4 | 2,633.39 | 1/4 | 2,283.21 | 1/4 | 1,933.04 | 1/4 | 1,583.40 | 1/4 | 1,233.47 | 1/4 | 884.11   | 1/4 | 534.97 | 1/4 | 185.03 | 1/4 |        |
| 1/2 | 5,060.69 | 1/2 | 4,727.14 | 1/2 | 4,376.96 | 1/2 | 4,026.79 | 1/2 | 3,676.61 | 1/2 | 3,326.44 | 1/2 | 2,976.26 | 1/2 | 2,626.09 | 1/2 | 2,275.92 | 1/2 | 1,925.74 | 1/2 | 1,576.14 | 1/2 | 1,226.18 | 1/2 | 876.85   | 1/2 | 527.67 | 1/2 | 177.74 | 1/2 |        |
| 3/4 | 5,056.43 | 3/4 | 4,719.84 | 3/4 | 4,369.67 | 3/4 | 4,019.49 | 3/4 | 3,669.32 | 3/4 | 3,319.14 | 3/4 | 2,968.97 | 3/4 | 2,618.79 | 3/4 | 2,268.62 | 3/4 | 1,918.45 | 3/4 | 1,568.88 | 3/4 | 1,218.88 | 3/4 | 869.60   | 3/4 | 520.38 | 3/4 | 170.45 | 3/4 |        |
| 7   | 5,052.18 | 7   | 4,712.55 | 7   | 4,362.37 | 7   | 4,012.20 | 7   | 3,662.02 | 7   | 3,311.85 | 7   | 2,961.67 | 7   | 2,611.50 | 7   | 2,261.33 | 7   | 1,911.15 | 7   | 1,561.61 | 7   | 1,211.59 | 7   | 862.34   | 7   | 513.08 | 7   | 163.16 | 7   |        |
| 1/4 | 5,046.71 | 1/4 | 4,705.25 | 1/4 | 4,355.08 | 1/4 | 4,004.90 | 1/4 | 3,654.73 | 1/4 | 3,304.55 | 1/4 | 2,954.38 | 1/4 | 2,604.20 | 1/4 | 2,254.03 | 1/4 | 1,903.86 | 1/4 | 1,554.35 | 1/4 | 1,204.29 | 1/4 | 855.08   | 1/4 | 505.79 | 1/4 | 156.36 | 1/4 |        |
| 1/2 | 5,041.24 | 1/2 | 4,697.96 | 1/2 | 4,347.78 | 1/2 | 3,997.61 | 1/2 | 3,647.43 | 1/2 | 3,297.26 | 1/2 | 2,947.08 | 1/2 | 2,596.91 | 1/2 | 2,246.73 | 1/2 | 1,896.56 | 1/2 | 1,547.09 | 1/2 | 1,197.00 | 1/2 | 847.83   | 1/2 | 498.49 | 1/2 | 149.56 | 1/2 |        |
| 3/4 | 5,035.76 | 3/4 | 4,690.66 | 3/4 | 4,340.49 | 3/4 | 3,990.31 | 3/4 | 3,640.14 | 3/4 | 3,289.96 | 3/4 | 2,939.79 | 3/4 | 2,589.61 | 3/4 | 2,239.44 | 3/4 | 1,889.26 | 3/4 | 1,539.82 | 3/4 | 1,189.70 | 3/4 | 840.57   | 3/4 | 491.20 | 3/4 | 142.76 | 3/4 |        |
| 8   | 5,030.29 | 8   | 4,683.36 | 8   | 4,333.19 | 8   | 3,983.02 | 8   | 3,632.84 | 8   | 3,282.67 | 8   | 2,932.49 | 8   | 2,582.32 | 8   | 2,232.14 | 8   | 1,881.97 | 8   | 1,532.56 | 8   | 1,182.41 | 8   | 833.32   | 8   | 483.90 | 8   | 135.95 | 8   |        |
| 1/4 | 5,023.61 | 1/4 | 4,676.07 | 1/4 | 4,325.90 | 1/4 | 3,975.72 | 1/4 | 3,625.55 | 1/4 | 3,275.37 | 1/4 | 2,925.20 | 1/4 | 2,575.02 | 1/4 | 2,224.85 | 1/4 | 1,874.67 | 1/4 | 1,525.27 | 1/4 | 1,175.11 | 1/4 | 826.06   | 1/4 | 476.60 | 1/4 | 129.17 | 1/4 |        |
| 1/2 | 5,016.93 | 1/2 | 4,668.77 | 1/2 | 4,318.60 | 1/2 | 3,968.43 | 1/2 | 3,618.25 | 1/2 | 3,268.08 | 1/2 | 2,917.90 | 1/2 | 2,567.73 | 1/2 | 2,217.55 | 1/2 | 1,867.38 | 1/2 | 1,517.97 | 1/2 | 1,167.82 | 1/2 | 818.80   | 1/2 | 469.31 | 1/2 | 122.38 | 1/2 |        |
| 3/4 | 5,010.25 | 3/4 | 4,661.48 | 3/4 | 4,311.30 | 3/4 | 3,961.13 | 3/4 | 3,610.96 | 3/4 | 3,260.78 | 3/4 | 2,910.61 | 3/4 | 2,560.43 | 3/4 | 2,210.26 | 3/4 | 1,860.08 | 3/4 | 1,510.68 | 3/4 | 1,160.52 | 3/4 | 811.55   | 3/4 | 462.01 | 3/4 | 115.60 | 3/4 |        |
| 9   | 5,003.57 | 9   | 4,654.18 | 9   | 4,304.01 | 9   | 3,953.83 | 9   | 3,603.66 | 9   | 3,253.49 | 9   | 2,903.31 | 9   | 2,553.14 | 9   | 2,202.96 | 9   | 1,852.79 | 9   | 1,503.38 | 9   | 1,153.23 | 9   | 804.29   | 9   | 454.72 | 9   | 108.81 | 9   |        |
| 1/4 | 4,996.37 |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**2 STBD**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 16'-01"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |     |  |
|-----|-------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--|
| 0   |       | 0   | 4,914.48 | 0   | 4,564.64 | 0   | 4,214.73 | 0   | 3,864.83 | 0   | 3,514.92 | 0   | 3,165.02 | 0   | 2,815.11 | 0   | 2,465.21 | 0   | 2,115.30 | 0   | 1,765.39 | 0   | 1,416.26 | 0   | 1,066.39 | 0   | 716.83 | 0   | 367.06 | 0   | 31.43  |     |  |
| 1/4 | 1/4   | 1/4 | 4,907.20 | 1/4 | 4,557.35 | 1/4 | 4,207.44 | 1/4 | 3,857.54 | 1/4 | 3,507.63 | 1/4 | 3,157.73 | 1/4 | 2,807.82 | 1/4 | 2,457.92 | 1/4 | 2,108.01 | 1/4 | 1,758.10 | 1/4 | 1,408.97 | 1/4 | 1,059.11 | 1/4 | 709.54 | 1/4 | 359.79 | 1/4 | 27.38  |     |  |
| 1/2 | 1/2   | 1/2 | 4,899.93 | 1/2 | 4,550.06 | 1/2 | 4,200.15 | 1/2 | 3,850.25 | 1/2 | 3,500.34 | 1/2 | 3,150.44 | 1/2 | 2,800.53 | 1/2 | 2,450.63 | 1/2 | 2,100.72 | 1/2 | 1,750.81 | 1/2 | 1,401.68 | 1/2 | 1,051.82 | 1/2 | 702.25 | 1/2 | 352.52 | 1/2 | 23.32  |     |  |
| 3/4 | 3/4   | 3/4 | 4,892.65 | 3/4 | 4,542.77 | 3/4 | 4,192.86 | 3/4 | 3,842.96 | 3/4 | 3,493.05 | 3/4 | 3,143.15 | 3/4 | 2,793.24 | 3/4 | 2,443.34 | 3/4 | 2,093.43 | 3/4 | 1,743.52 | 3/4 | 1,394.39 | 3/4 | 1,044.54 | 3/4 | 694.96 | 3/4 | 345.25 | 3/4 | 19.27  |     |  |
| 1   | 1     | 1   | 4,885.37 | 1   | 4,535.48 | 1   | 4,185.57 | 1   | 3,835.67 | 1   | 3,485.76 | 1   | 3,135.86 | 1   | 2,785.95 | 1   | 2,436.05 | 1   | 2,086.14 | 1   | 1,736.24 | 1   | 1,387.10 | 1   | 1,037.25 | 1   | 687.67 | 1   | 337.98 | 1   | 15.21  |     |  |
| 1/4 | 1/4   | 1/4 | 4,878.09 | 1/4 | 4,528.19 | 1/4 | 4,178.28 | 1/4 | 3,828.38 | 1/4 | 3,478.47 | 1/4 | 3,128.57 | 1/4 | 2,778.66 | 1/4 | 2,428.76 | 1/4 | 2,078.85 | 1/4 | 1,728.98 | 1/4 | 1,379.81 | 1/4 | 1,029.97 | 1/4 | 680.38 | 1/4 | 330.69 | 1/4 |        |     |  |
| 1/2 | 1/2   | 1/2 | 4,870.80 | 1/2 | 4,520.90 | 1/2 | 4,170.99 | 1/2 | 3,821.09 | 1/2 | 3,471.18 | 1/2 | 3,121.28 | 1/2 | 2,771.37 | 1/2 | 2,421.47 | 1/2 | 2,071.56 | 1/2 | 1,721.72 | 1/2 | 1,372.52 | 1/2 | 1,022.69 | 1/2 | 673.09 | 1/2 | 323.40 | 1/2 |        |     |  |
| 3/4 | 3/4   | 3/4 | 4,863.52 | 3/4 | 4,513.61 | 3/4 | 4,163.71 | 3/4 | 3,813.80 | 3/4 | 3,463.89 | 3/4 | 3,113.99 | 3/4 | 2,764.08 | 3/4 | 2,414.18 | 3/4 | 2,064.27 | 3/4 | 1,714.46 | 3/4 | 1,365.23 | 3/4 | 1,015.41 | 3/4 | 665.80 | 3/4 | 316.11 | 3/4 |        |     |  |
| 2   | 2     | 2   | 4,856.23 | 2   | 4,506.32 | 2   | 4,156.42 | 2   | 3,806.51 | 2   | 3,456.60 | 2   | 3,106.70 | 2   | 2,756.79 | 2   | 2,406.89 | 2   | 2,056.98 | 2   | 1,707.20 | 2   | 1,357.94 | 2   | 1,008.13 | 2   | 658.51 | 2   | 308.82 | 2   |        |     |  |
| 1/4 | 1/4   | 1/4 | 4,848.94 | 1/4 | 4,499.03 | 1/4 | 4,149.13 | 1/4 | 3,799.22 | 1/4 | 3,449.31 | 1/4 | 3,099.41 | 1/4 | 2,749.50 | 1/4 | 2,399.60 | 1/4 | 2,049.69 | 1/4 | 1,699.95 | 1/4 | 1,350.65 | 1/4 | 1,000.85 | 1/4 | 651.22 | 1/4 | 301.53 | 1/4 |        |     |  |
| 1/2 | 1/2   | 1/2 | 4,841.65 | 1/2 | 4,491.74 | 1/2 | 4,141.84 | 1/2 | 3,791.93 | 1/2 | 3,442.02 | 1/2 | 3,092.12 | 1/2 | 2,742.21 | 1/2 | 2,392.31 | 1/2 | 2,042.40 | 1/2 | 1,692.69 | 1/2 | 1,343.36 | 1/2 | 993.56   | 1/2 | 643.93 | 1/2 | 294.24 | 1/2 |        |     |  |
| 3/4 | 3/4   | 3/4 | 4,834.36 | 3/4 | 4,484.45 | 3/4 | 4,134.55 | 3/4 | 3,784.64 | 3/4 | 3,434.74 | 3/4 | 3,084.83 | 3/4 | 2,734.92 | 3/4 | 2,385.02 | 3/4 | 2,035.11 | 3/4 | 1,685.43 | 3/4 | 1,336.07 | 3/4 | 986.28   | 3/4 | 636.64 | 3/4 | 286.95 | 3/4 |        |     |  |
| 3   | 3     | 3   | 4,827.07 | 3   | 4,477.16 | 3   | 4,127.26 | 3   | 3,777.35 | 3   | 3,427.45 | 3   | 3,077.54 | 3   | 2,727.63 | 3   | 2,377.73 | 3   | 2,027.82 | 3   | 1,678.17 | 3   | 1,328.78 | 3   | 979.00   | 3   | 629.35 | 3   | 279.66 | 3   |        |     |  |
| 1/4 | 1/4   | 1/4 | 4,819.78 | 1/4 | 4,469.87 | 1/4 | 4,119.97 | 1/4 | 3,770.06 | 1/4 | 3,420.16 | 1/4 | 3,070.25 | 1/4 | 2,720.34 | 1/4 | 2,370.44 | 1/4 | 2,020.53 | 1/4 | 1,670.91 | 1/4 | 1,321.49 | 1/4 | 971.72   | 1/4 | 622.06 | 1/4 | 272.37 | 1/4 |        |     |  |
| 1/2 | 1/2   | 1/2 | 4,812.49 | 1/2 | 4,462.58 | 1/2 | 4,112.68 | 1/2 | 3,762.77 | 1/2 | 3,412.87 | 1/2 | 3,062.96 | 1/2 | 2,713.06 | 1/2 | 2,363.15 | 1/2 | 2,013.24 | 1/2 | 1,663.66 | 1/2 | 1,314.21 | 1/2 | 964.44   | 1/2 | 614.77 | 1/2 | 265.08 | 1/2 |        |     |  |
| 3/4 | 3/4   | 3/4 | 4,805.20 | 3/4 | 4,455.29 | 3/4 | 4,105.39 | 3/4 | 3,755.48 | 3/4 | 3,405.58 | 3/4 | 3,055.67 | 3/4 | 2,705.77 | 3/4 | 2,355.86 | 3/4 | 2,005.95 | 3/4 | 1,656.40 | 3/4 | 1,306.92 | 3/4 | 957.16   | 3/4 | 607.48 | 3/4 | 257.79 | 3/4 |        |     |  |
| 4   | 4     | 4   | 4,797.91 | 4   | 4,448.00 | 4   | 4,098.10 | 4   | 3,748.19 | 4   | 3,398.29 | 4   | 3,048.38 | 4   | 2,698.48 | 4   | 2,348.57 | 4   | 1,998.66 | 4   | 1,649.14 | 4   | 1,299.63 | 4   | 949.88   | 4   | 600.19 | 4   | 250.50 | 4   |        |     |  |
| 1/4 | 1/4   | 1/4 | 4,790.62 | 1/4 | 4,440.71 | 1/4 | 4,090.81 | 1/4 | 3,740.90 | 1/4 | 3,391.00 | 1/4 | 3,041.09 | 1/4 | 2,691.19 | 1/4 | 2,341.28 | 1/4 | 1,991.37 | 1/4 | 1,641.88 | 1/4 | 1,292.34 | 1/4 | 942.59   | 1/4 | 592.89 | 1/4 | 243.21 | 1/4 |        |     |  |
| 1/2 | 1/2   | 1/2 | 4,783.33 | 1/2 | 4,433.42 | 1/2 | 4,083.52 | 1/2 | 3,733.61 | 1/2 | 3,383.71 | 1/2 | 3,033.80 | 1/2 | 2,683.90 | 1/2 | 2,333.99 | 1/2 | 1,984.09 | 1/2 | 1,634.62 | 1/2 | 1,285.05 | 1/2 | 935.31   | 1/2 | 585.60 | 1/2 | 235.92 | 1/2 |        |     |  |
| 3/4 | 3/4   | 3/4 | 4,776.04 | 3/4 | 4,426.13 | 3/4 | 4,076.23 | 3/4 | 3,726.32 | 3/4 | 3,376.42 | 3/4 | 3,026.51 | 3/4 | 2,676.61 | 3/4 | 2,326.70 | 3/4 | 1,976.80 | 3/4 | 1,627.37 | 3/4 | 1,277.76 | 3/4 | 928.03   | 3/4 | 578.31 | 3/4 | 228.63 | 3/4 |        |     |  |
| 5   | 5     | 5   | 4,768.75 | 5   | 4,418.84 | 5   | 4,068.94 | 5   | 3,719.03 | 5   | 3,369.13 | 5   | 3,019.22 | 5   | 2,669.32 | 5   | 2,319.41 | 5   | 1,969.51 | 5   | 1,620.11 | 5   | 1,270.47 | 5   | 920.75   | 5   | 571.02 | 5   | 221.34 | 5   |        |     |  |
| 1/4 | 1/4   | 1/4 | 4,761.46 | 1/4 | 4,411.56 | 1/4 | 4,061.65 | 1/4 | 3,711.74 | 1/4 | 3,361.84 | 1/4 | 3,011.93 | 1/4 | 2,662.03 | 1/4 | 2,312.12 | 1/4 | 1,962.22 | 1/4 | 1,612.85 | 1/4 | 1,263.18 | 1/4 | 913.47   | 1/4 | 563.73 | 1/4 | 214.05 | 1/4 |        |     |  |
| 1/2 | 1/2   | 1/2 | 4,754.17 | 1/2 | 4,404.27 | 1/2 | 4,054.36 | 1/2 | 3,704.45 | 1/2 | 3,354.55 | 1/2 | 3,004.64 | 1/2 | 2,654.74 | 1/2 | 2,304.83 | 1/2 | 1,954.93 | 1/2 | 1,605.59 | 1/2 | 1,255.89 | 1/2 | 906.19   | 1/2 | 556.44 | 1/2 | 206.76 | 1/2 |        |     |  |
| 3/4 | 3/4   | 3/4 | 4,746.88 | 3/4 | 4,396.98 | 3/4 | 4,047.07 | 3/4 | 3,697.16 | 3/4 | 3,347.26 | 3/4 | 2,997.35 | 3/4 | 2,647.45 | 3/4 | 2,297.54 | 3/4 | 1,947.64 | 3/4 | 1,598.34 | 3/4 | 1,248.60 | 3/4 | 898.90   | 3/4 | 549.15 | 3/4 | 199.47 | 3/4 |        |     |  |
| 6   | 6     | 6   | 5,066.84 | 6   | 4,739.59 | 6   | 4,389.69 | 6   | 4,039.78 | 6   | 3,689.87 | 6   | 3,339.97 | 6   | 2,990.06 | 6   | 2,640.16 | 6   | 2,290.25 | 6   | 1,940.35 | 6   | 1,591.08 | 6   | 1,241.31 | 6   | 891.62 | 6   | 541.86 | 6   | 192.18 | 6   |  |
| 1/4 | 1/4   | 1/4 | 5,062.59 | 1/4 | 4,732.30 | 1/4 | 4,382.40 | 1/4 | 4,032.49 | 1/4 | 3,682.59 | 1/4 | 3,332.68 | 1/4 | 2,982.77 | 1/4 | 2,632.87 | 1/4 | 2,282.96 | 1/4 | 1,933.06 | 1/4 | 1,583.82 | 1/4 | 1,234.02 | 1/4 | 884.34 | 1/4 | 534.57 | 1/4 | 184.89 | 1/4 |  |
| 1/2 | 1/2   | 1/2 | 5,058.34 | 1/2 | 4,725.01 | 1/2 | 4,375.11 | 1/2 | 4,025.20 | 1/2 | 3,675.30 | 1/2 | 3,325.39 | 1/2 | 2,975.48 | 1/2 | 2,625.58 | 1/2 | 2,275.67 | 1/2 | 1,925.77 | 1/2 | 1,576.56 | 1/2 | 1,226.73 | 1/2 | 877.06 | 1/2 | 527.28 | 1/2 | 177.61 | 1/2 |  |
| 3/4 | 3/4   | 3/4 | 5,054.08 | 3/4 | 4,717.72 | 3/4 | 4,367.82 | 3/4 | 4,017.91 | 3/4 | 3,668.01 | 3/4 | 3,318.10 | 3/4 | 2,968.19 | 3/4 | 2,618.29 | 3/4 | 2,268.38 | 3/4 | 1,918.48 | 3/4 | 1,569.30 | 3/4 | 1,219.44 | 3/4 | 869.78 | 3/4 | 519.99 | 3/4 | 170.32 | 3/4 |  |
| 7   | 7     | 7   | 5,049.83 | 7   | 4,710.43 | 7   | 4,360.53 | 7   | 4,010.62 | 7   | 3,660.72 | 7   | 3,310.81 | 7   | 2,960.90 | 7   | 2,611.00 | 7   | 2,261.09 | 7   | 1,911.19 | 7   | 1,562.05 | 7   | 1,212.16 | 7   | 862.50 | 7   | 512.70 | 7   | 163.03 | 7   |  |
| 1/4 | 1/4   | 1/4 | 5,044.37 | 1/4 | 4,703.14 | 1/4 | 4,353.24 | 1/4 | 4,003.33 | 1/4 | 3,653.43 | 1/4 | 3,303.52 | 1/4 | 2,953.62 | 1/4 | 2,603.71 | 1/4 | 2,253.80 | 1/4 | 1,903.90 | 1/4 | 1,554.76 | 1/4 | 1,204.87 | 1/4 | 855.22 | 1/4 | 505.41 | 1/4 | 156.24 | 1/4 |  |
| 1/2 | 1/2   | 1/2 | 5,038.90 | 1/2 | 4,695.85 | 1/2 | 4,345.95 | 1/2 | 3,996.04 | 1/2 | 3,646.14 | 1/2 | 3,296.23 | 1/2 | 2,946.33 | 1/2 | 2,596.42 | 1/2 | 2,246.51 | 1/2 | 1,896.61 | 1/2 | 1,547.47 | 1/2 | 1,197.58 | 1/2 | 847.93 | 1/2 | 498.12 | 1/2 | 149.44 | 1/2 |  |
| 3/4 | 3/4   | 3/4 | 5,033.43 | 3/4 | 4,688.56 | 3/4 | 4,338.66 | 3/4 | 3,988.75 | 3/4 | 3,638.85 | 3/4 | 3,288.94 | 3/4 | 2,939.04 | 3/4 | 2,589.13 | 3/4 | 2,239.22 | 3/4 | 1,889.32 | 3/4 | 1,540.18 | 3/4 | 1,190.29 | 3/4 | 840.65 | 3/4 | 490.83 | 3/4 | 142.65 | 3/4 |  |
| 8   | 8     | 8   | 5,027.96 | 8   | 4,681.27 | 8   | 4,331.37 | 8   | 3,981.46 | 8   | 3,631.56 | 8   | 3,281.65 | 8   | 2,931.75 | 8   | 2,581.84 | 8   | 2,231.93 | 8   | 1,882.03 | 8   | 1,532.89 | 8   | 1,183.00 | 8   | 833.37 | 8   | 483.54 | 8   | 135.85 | 8   |  |
| 1/4 | 1/4   | 1/4 | 5,021.29 | 1/4 | 4,673.98 | 1/4 | 4,324.08 | 1/4 | 3,974.17 | 1/4 | 3,624.27 | 1/4 | 3,274.36 | 1/4 | 2,924.46 | 1/4 | 2,574.55 | 1/4 | 2,224.65 | 1/4 | 1,874.74 | 1/4 | 1,525.60 | 1/4 | 1,175.71 | 1/4 | 826.09 | 1/4 | 476.25 | 1/4 | 129.07 | 1/4 |  |
| 1/2 | 1/2   | 1/2 | 5,014.61 | 1/2 | 4,666.69 | 1/2 | 4,316.79 | 1/2 | 3,966.88 | 1/2 | 3,616.98 | 1/2 | 3,267.07 | 1/2 | 2,917.17 | 1/2 | 2,567.26 | 1/2 | 2,217.36 | 1/2 | 1,867.45 | 1/2 | 1,518.31 | 1/2 | 1,168.42 | 1/2 | 818.81 | 1/2 | 468.96 | 1/2 | 122.29 | 1/2 |  |
| 3/4 | 3/4   | 3/4 | 5,007.94 | 3/4 | 4,659.40 | 3/4 | 4,309.50 | 3/4 | 3,959.59 | 3/4 | 3,609.69 | 3/4 | 3,259.78 | 3/4 | 2,909.88 | 3/4 | 2,559.97 | 3/4 | 2,210.07 | 3/4 | 1,860.16 | 3/4 | 1,511.02 | 3/4 | 1,161.13 | 3/4 | 811.53 | 3/4 | 461.67 | 3/4 | 115.51 | 3/4 |  |
| 9   | 9     | 9   | 5,001.27 | 9   | 4,652.12 | 9   | 4,302.21 | 9   | 3,952.30 | 9   | 3,602.40 | 9   | 3,252.49 | 9   | 2,       |     |          |     |          |     |          |     |          |     |          |     |        |     |        |     |        |     |  |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**3 PORT**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11 1/8"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT. | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |
|-------|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|-----|--------|
| 0     |          | 0   | 4,064.21 | 0   | 3,902.80 | 0   | 3,741.32 | 0   | 3,579.83 | 0   | 3,418.34 | 0   | 3,085.57 | 0   | 2,735.10 | 0   | 2,384.68 | 0   | 2,034.34 | 0   | 1,684.16 | 0   | 1,334.48 | 0   | 984.14 | 0   | 634.01 | 0   | 283.76 | 0   |        |
| 1/4   | 1/4      | 1/4 | 4,060.87 | 1/4 | 3,899.44 | 1/4 | 3,737.95 | 1/4 | 3,576.47 | 1/4 | 3,414.98 | 1/4 | 3,078.27 | 1/4 | 2,727.80 | 1/4 | 2,377.38 | 1/4 | 2,027.04 | 1/4 | 1,676.87 | 1/4 | 1,327.18 | 1/4 | 976.85 | 1/4 | 626.72 | 1/4 | 276.48 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,057.51 | 1/2 | 3,896.07 | 1/2 | 3,734.59 | 1/2 | 3,573.10 | 1/2 | 3,411.61 | 1/2 | 3,070.97 | 1/2 | 2,720.50 | 1/2 | 2,370.08 | 1/2 | 2,019.74 | 1/2 | 1,669.57 | 1/2 | 1,319.88 | 1/2 | 969.55 | 1/2 | 619.42 | 1/2 | 269.20 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,054.16 | 3/4 | 3,892.71 | 3/4 | 3,731.22 | 3/4 | 3,569.74 | 3/4 | 3,408.25 | 3/4 | 3,063.67 | 3/4 | 2,713.20 | 3/4 | 2,362.78 | 3/4 | 2,012.44 | 3/4 | 1,662.28 | 3/4 | 1,312.59 | 3/4 | 962.25 | 3/4 | 612.13 | 3/4 | 261.92 | 3/4 |        |
| 1     | 1        | 1   | 4,050.81 | 1   | 3,889.35 | 1   | 3,727.86 | 1   | 3,566.37 | 1   | 3,404.89 | 1   | 3,056.36 | 1   | 2,705.90 | 1   | 2,355.48 | 1   | 2,005.14 | 1   | 1,654.98 | 1   | 1,305.29 | 1   | 954.95 | 1   | 604.83 | 1   | 254.64 | 1   |        |
| 1/4   | 1/4      | 1/4 | 4,047.46 | 1/4 | 3,885.98 | 1/4 | 3,724.49 | 1/4 | 3,563.01 | 1/4 | 3,399.55 | 1/4 | 3,049.06 | 1/4 | 2,698.60 | 1/4 | 2,348.18 | 1/4 | 1,997.84 | 1/4 | 1,647.69 | 1/4 | 1,297.99 | 1/4 | 947.65 | 1/4 | 597.54 | 1/4 | 247.35 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,044.10 | 1/2 | 3,882.62 | 1/2 | 3,721.13 | 1/2 | 3,559.64 | 1/2 | 3,392.25 | 1/2 | 3,041.76 | 1/2 | 2,691.30 | 1/2 | 2,340.88 | 1/2 | 1,990.54 | 1/2 | 1,640.40 | 1/2 | 1,290.69 | 1/2 | 940.36 | 1/2 | 590.24 | 1/2 | 240.05 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,040.74 | 3/4 | 3,879.25 | 3/4 | 3,717.77 | 3/4 | 3,556.28 | 3/4 | 3,384.95 | 3/4 | 3,034.46 | 3/4 | 2,684.00 | 3/4 | 2,333.58 | 3/4 | 1,983.25 | 3/4 | 1,633.10 | 3/4 | 1,283.39 | 3/4 | 933.06 | 3/4 | 582.94 | 3/4 | 232.75 | 3/4 |        |
| 2     | 2        | 2   | 4,037.38 | 2   | 3,875.89 | 2   | 3,714.40 | 2   | 3,552.92 | 2   | 3,377.65 | 2   | 3,027.16 | 2   | 2,676.70 | 2   | 2,326.28 | 2   | 1,975.95 | 2   | 1,625.81 | 2   | 1,276.09 | 2   | 925.77 | 2   | 575.64 | 2   | 225.45 | 2   |        |
| 1/4   | 1/4      | 1/4 | 4,034.01 | 1/4 | 3,872.52 | 1/4 | 3,711.04 | 1/4 | 3,549.55 | 1/4 | 3,370.35 | 1/4 | 3,019.85 | 1/4 | 2,669.40 | 1/4 | 2,318.98 | 1/4 | 1,968.65 | 1/4 | 1,618.51 | 1/4 | 1,268.79 | 1/4 | 918.47 | 1/4 | 568.34 | 1/4 | 218.14 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,030.65 | 1/2 | 3,869.16 | 1/2 | 3,707.67 | 1/2 | 3,546.19 | 1/2 | 3,363.04 | 1/2 | 3,012.55 | 1/2 | 2,662.09 | 1/2 | 2,311.68 | 1/2 | 1,961.35 | 1/2 | 1,611.22 | 1/2 | 1,261.49 | 1/2 | 911.17 | 1/2 | 561.04 | 1/2 | 210.84 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,027.28 | 3/4 | 3,865.80 | 3/4 | 3,704.31 | 3/4 | 3,542.82 | 3/4 | 3,355.74 | 3/4 | 3,005.25 | 3/4 | 2,654.79 | 3/4 | 2,304.38 | 3/4 | 1,954.05 | 3/4 | 1,603.92 | 3/4 | 1,254.20 | 3/4 | 903.88 | 3/4 | 553.74 | 3/4 | 203.54 | 3/4 |        |
| 3     | 3        | 3   | 4,023.91 | 3   | 3,862.43 | 3   | 3,700.94 | 3   | 3,539.46 | 3   | 3,348.44 | 3   | 2,997.95 | 3   | 2,647.49 | 3   | 2,297.08 | 3   | 1,946.75 | 3   | 1,596.63 | 3   | 1,246.90 | 3   | 896.58 | 3   | 546.44 | 3   | 196.24 | 3   |        |
| 1/4   | 1/4      | 1/4 | 4,020.55 | 1/4 | 3,859.07 | 1/4 | 3,697.58 | 1/4 | 3,536.09 | 1/4 | 3,341.14 | 1/4 | 2,990.65 | 1/4 | 2,640.19 | 1/4 | 2,289.78 | 1/4 | 1,939.46 | 1/4 | 1,589.35 | 1/4 | 1,239.60 | 1/4 | 889.29 | 1/4 | 539.14 | 1/4 | 188.94 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,017.19 | 1/2 | 3,855.70 | 1/2 | 3,694.22 | 1/2 | 3,532.73 | 1/2 | 3,333.84 | 1/2 | 2,983.35 | 1/2 | 2,632.89 | 1/2 | 2,282.48 | 1/2 | 1,932.16 | 1/2 | 1,582.07 | 1/2 | 1,232.30 | 1/2 | 881.99 | 1/2 | 531.83 | 1/2 | 181.64 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,013.82 | 3/4 | 3,852.34 | 3/4 | 3,690.85 | 3/4 | 3,529.37 | 3/4 | 3,326.53 | 3/4 | 2,976.04 | 3/4 | 2,625.59 | 3/4 | 2,275.19 | 3/4 | 1,924.87 | 3/4 | 1,574.80 | 3/4 | 1,225.00 | 3/4 | 874.70 | 3/4 | 524.53 | 3/4 | 174.34 | 3/4 |        |
| 4     | 4        | 4   | 4,010.46 | 4   | 3,848.97 | 4   | 3,687.49 | 4   | 3,526.00 | 4   | 3,319.23 | 4   | 2,968.74 | 4   | 2,618.29 | 4   | 2,267.89 | 4   | 1,917.58 | 4   | 1,567.53 | 4   | 1,217.70 | 4   | 867.40 | 4   | 517.23 | 4   | 167.04 | 4   |        |
| 1/4   | 1/4      | 1/4 | 4,007.10 | 1/4 | 3,845.61 | 1/4 | 3,684.12 | 1/4 | 3,522.64 | 1/4 | 3,311.93 | 1/4 | 2,961.44 | 1/4 | 2,610.99 | 1/4 | 2,260.59 | 1/4 | 1,910.28 | 1/4 | 1,560.25 | 1/4 | 1,210.40 | 1/4 | 860.11 | 1/4 | 509.93 | 1/4 | 159.74 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 4,003.73 | 1/2 | 3,842.25 | 1/2 | 3,680.76 | 1/2 | 3,519.27 | 1/2 | 3,304.63 | 1/2 | 2,954.14 | 1/2 | 2,603.69 | 1/2 | 2,253.29 | 1/2 | 1,902.99 | 1/2 | 1,552.98 | 1/2 | 1,203.10 | 1/2 | 852.81 | 1/2 | 502.63 | 1/2 | 152.44 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 4,000.37 | 3/4 | 3,838.88 | 3/4 | 3,677.39 | 3/4 | 3,515.91 | 3/4 | 3,297.33 | 3/4 | 2,946.84 | 3/4 | 2,596.39 | 3/4 | 2,245.99 | 3/4 | 1,895.69 | 3/4 | 1,545.71 | 3/4 | 1,195.81 | 3/4 | 845.52 | 3/4 | 495.33 | 3/4 | 145.14 | 3/4 |        |
| 5     | 5        | 5   | 3,997.00 | 5   | 3,835.52 | 5   | 3,674.03 | 5   | 3,512.54 | 5   | 3,290.02 | 5   | 2,939.53 | 5   | 2,589.09 | 5   | 2,238.69 | 5   | 1,888.40 | 5   | 1,538.43 | 5   | 1,188.51 | 5   | 838.23 | 5   | 488.03 | 5   | 137.83 | 5   |        |
| 1/4   | 1/4      | 1/4 | 3,993.64 | 1/4 | 3,832.15 | 1/4 | 3,670.67 | 1/4 | 3,509.18 | 1/4 | 3,282.72 | 1/4 | 2,932.23 | 1/4 | 2,581.79 | 1/4 | 2,231.40 | 1/4 | 1,881.10 | 1/4 | 1,531.16 | 1/4 | 1,181.21 | 1/4 | 830.93 | 1/4 | 480.73 | 1/4 | 130.53 | 1/4 |        |
| 1/2   | 1/2      | 1/2 | 3,990.27 | 1/2 | 3,828.79 | 1/2 | 3,667.30 | 1/2 | 3,505.82 | 1/2 | 3,275.42 | 1/2 | 2,924.93 | 1/2 | 2,574.49 | 1/2 | 2,224.10 | 1/2 | 1,873.81 | 1/2 | 1,523.89 | 1/2 | 1,173.91 | 1/2 | 823.64 | 1/2 | 473.43 | 1/2 | 123.23 | 1/2 |        |
| 3/4   | 3/4      | 3/4 | 3,986.91 | 3/4 | 3,825.42 | 3/4 | 3,663.94 | 3/4 | 3,502.45 | 3/4 | 3,268.12 | 3/4 | 2,917.63 | 3/4 | 2,567.19 | 3/4 | 2,216.80 | 3/4 | 1,866.52 | 3/4 | 1,516.61 | 3/4 | 1,166.61 | 3/4 | 816.35 | 3/4 | 466.13 | 3/4 | 115.93 | 3/4 |        |
| 6 1/8 | 4,120.66 | 6   | 3,983.55 | 6   | 3,822.06 | 6   | 3,660.57 | 6   | 3,499.09 | 6   | 3,260.82 | 6   | 2,910.33 | 6   | 2,559.89 | 6   | 2,209.50 | 6   | 1,859.22 | 6   | 1,509.34 | 6   | 1,159.31 | 6   | 809.05 | 6   | 458.82 | 6   | 108.63 | 6   |        |
| 1/4   | 4,120.49 | 1/4 | 3,980.18 | 1/4 | 3,818.70 | 1/4 | 3,657.21 | 1/4 | 3,495.72 | 1/4 | 3,253.52 | 1/4 | 2,903.02 | 1/4 | 2,552.59 | 1/4 | 2,202.20 | 1/4 | 1,851.93 | 1/4 | 1,502.07 | 1/4 | 1,152.01 | 1/4 | 801.76 | 1/4 | 451.52 | 1/4 | 101.33 | 1/4 |        |
| 1/2   | 4,120.17 | 1/2 | 3,976.82 | 1/2 | 3,815.33 | 1/2 | 3,653.84 | 1/2 | 3,492.36 | 1/2 | 3,246.21 | 1/2 | 2,895.72 | 1/2 | 2,545.29 | 1/2 | 2,194.90 | 1/2 | 1,844.63 | 1/2 | 1,494.79 | 1/2 | 1,144.71 | 1/2 | 794.47 | 1/2 | 444.22 | 1/2 | 94.04  | 1/2 |        |
| 3/4   | 4,119.85 | 3/4 | 3,973.45 | 3/4 | 3,811.97 | 3/4 | 3,650.48 | 3/4 | 3,488.99 | 3/4 | 3,238.91 | 3/4 | 2,888.42 | 3/4 | 2,537.98 | 3/4 | 2,187.60 | 3/4 | 1,837.34 | 3/4 | 1,487.52 | 3/4 | 1,137.41 | 3/4 | 787.17 | 3/4 | 436.92 | 3/4 | 86.74  | 3/4 |        |
| 7     | 4,119.53 | 7   | 3,970.09 | 7   | 3,808.60 | 7   | 3,647.12 | 7   | 3,485.63 | 7   | 3,231.61 | 7   | 2,881.12 | 7   | 2,530.68 | 7   | 2,180.31 | 7   | 1,830.05 | 7   | 1,480.24 | 7   | 1,130.12 | 7   | 779.88 | 7   | 429.62 | 7   | 79.45  | 7   |        |
| 1/4   | 4,118.60 | 1/4 | 3,966.72 | 1/4 | 3,805.24 | 1/4 | 3,643.75 | 1/4 | 3,482.27 | 1/4 | 3,224.31 | 1/4 | 2,873.82 | 1/4 | 2,523.38 | 1/4 | 2,173.01 | 1/4 | 1,822.75 | 1/4 | 1,472.97 | 1/4 | 1,122.82 | 1/4 | 772.59 | 1/4 | 422.32 | 1/4 | 72.70  | 1/4 |        |
| 1/2   | 4,117.06 | 1/2 | 3,963.36 | 1/2 | 3,801.87 | 1/2 | 3,640.39 | 1/2 | 3,478.90 | 1/2 | 3,217.01 | 1/2 | 2,866.51 | 1/2 | 2,516.08 | 1/2 | 2,165.71 | 1/2 | 1,815.46 | 1/2 | 1,465.70 | 1/2 | 1,115.52 | 1/2 | 765.30 | 1/2 | 415.02 | 1/2 | 66.50  | 1/2 |        |
| 3/4   | 4,115.52 | 3/4 | 3,960.00 | 3/4 | 3,798.51 | 3/4 | 3,637.02 | 3/4 | 3,475.54 | 3/4 | 3,209.70 | 3/4 | 2,859.21 | 3/4 | 2,508.78 | 3/4 | 2,158.41 | 3/4 | 1,808.16 | 3/4 | 1,458.42 | 3/4 | 1,108.22 | 3/4 | 758.00 | 3/4 | 407.72 | 3/4 | 60.30  | 3/4 |        |
| 8     | 4,113.98 | 8   | 3,956.63 | 8   | 3,795.15 | 8   | 3,633.66 | 8   | 3,472.17 | 8   | 3,202.40 | 8   | 2,851.91 | 8   | 2,501.48 | 8   | 2,151.11 | 8   | 1,800.87 | 8   | 1,451.15 | 8   | 1,100.92 | 8   | 750.71 | 8   | 400.42 | 8   | 54.10  | 8   |        |
| 1/4   | 4,111.84 | 1/4 | 3,953.27 | 1/4 | 3,791.78 | 1/4 | 3,630.29 | 1/4 | 3,468.81 | 1/4 | 3,195.10 | 1/4 | 2,844.61 | 1/4 | 2,494.18 | 1/4 | 2,143.81 | 1/4 | 1,793.57 | 1/4 | 1,443.88 | 1/4 | 1,093.62 | 1/4 | 743.42 | 1/4 | 393.12 | 1/4 | 48.53  | 1/4 |        |
| 1/2   | 4,109.09 | 1/2 | 3,949.90 | 1/2 | 3,788.42 | 1/2 | 3,626.93 | 1/2 | 3,465.44 | 1/2 | 3,187.80 | 1/2 | 2,837.31 | 1/2 | 2,486.88 | 1/2 | 2,136.51 | 1/2 | 1,786.28 | 1/2 | 1,436.60 | 1/2 | 1,086.32 | 1/2 | 736.12 | 1/2 | 385.81 | 1/2 | 43.58  | 1/2 |        |
| 3/4   | 4,106.34 | 3/4 | 3,946.54 | 3/4 | 3,785.05 | 3/4 | 3,623.57 | 3/4 | 3,462.08 | 3/4 | 3,180.50 | 3/4 | 2,830.01 | 3/4 | 2,479.58 | 3/4 | 2,129.22 | 3/4 | 1,778.99 | 3/4 | 1,429.33 | 3/4 | 1,079.02 | 3/4 | 728.83 | 3/4 | 378.51 | 3/4 | 38.63  | 3/4 |        |
| 9     | 4,103.60 | 9   | 3,943.17 | 9   | 3,781.69 | 9   | 3,620.20 | 9   | 3,458.72 | 9   | 3,173.19 | 9   | 2,822.71 | 9   | 2,472.28 | 9   | 2,121.92 | 9   | 1,771.69 | 9   | 1,422.06 | 9   | 1,071.73 | 9   | 721.54 | 9   | 371.21 | 9   | 33.68  | 9   |        |
| 1/4   | 4,100.59 | 1/4 | 3,939.81 | 1/4 | 3,778.32 | 1/4 | 3,616.84 | 1/4 | 3,455.35 | 1/4 | 3,165.89 | 1/4 | 2,815.41 | 1/4 | 2,464.98 | 1/4 | 2,114.62 | 1/4 | 1,764.40 | 1/4 | 1        |     |          |     |        |     |        |     |        |     |        |



**BARGE: HSM 3704**  
**JEFFBOAT 15-2283**

**3 STBD**  
**ULLAGE TABLE**  
**MMC**

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FOR MANUAL GAUGING AT 2" BALL VALVE LOCATED NEAR GEOMETRIC CENTER OF TANK

REFERENCE GAUGE HEIGHT: 15'-11"

| 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.   | IN  | 11 FT.   | IN  | 12 FT.   | IN  | 13 FT.   | IN  | 14 FT. | IN  | 15 FT. | IN  | 16 FT. |
|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|----------|-----|--------|-----|--------|-----|--------|
| 0   |          | 0   | 4,063.56 | 0   | 3,902.27 | 0   | 3,740.87 | 0   | 3,579.48 | 0   | 3,418.08 | 0   | 3,083.08 | 0   | 2,732.29 | 0   | 2,381.51 | 0   | 2,030.85 | 0   | 1,680.22 | 0   | 1,330.17 | 0   | 979.70   | 0   | 630.90 | 0   | 280.29 | 0   |        |
| 1/4 | 1/4      | 1/4 | 4,060.21 | 1/4 | 3,898.90 | 1/4 | 3,737.51 | 1/4 | 3,576.11 | 1/4 | 3,414.72 | 1/4 | 3,075.77 | 1/4 | 2,724.99 | 1/4 | 2,374.20 | 1/4 | 2,023.55 | 1/4 | 1,672.92 | 1/4 | 1,322.87 | 1/4 | 972.44   | 1/4 | 623.60 | 1/4 | 273.00 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,056.86 | 1/2 | 3,895.54 | 1/2 | 3,734.15 | 1/2 | 3,572.75 | 1/2 | 3,411.36 | 1/2 | 3,068.46 | 1/2 | 2,717.68 | 1/2 | 2,366.89 | 1/2 | 2,016.24 | 1/2 | 1,665.61 | 1/2 | 1,315.56 | 1/2 | 965.18   | 1/2 | 616.29 | 1/2 | 265.72 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,053.51 | 3/4 | 3,892.18 | 3/4 | 3,730.78 | 3/4 | 3,569.39 | 3/4 | 3,407.99 | 3/4 | 3,065.15 | 3/4 | 2,710.37 | 3/4 | 2,359.59 | 3/4 | 2,008.94 | 3/4 | 1,658.31 | 3/4 | 1,308.26 | 3/4 | 957.91   | 3/4 | 608.99 | 3/4 | 258.43 | 3/4 |        |
| 1   | 1        | 1   | 4,050.16 | 1   | 3,888.82 | 1   | 3,727.42 | 1   | 3,566.03 | 1   | 3,404.63 | 1   | 3,053.85 | 1   | 2,703.06 | 1   | 2,352.28 | 1   | 2,001.63 | 1   | 1,651.00 | 1   | 1,300.95 | 1   | 950.65   | 1   | 601.68 | 1   | 251.14 | 1   |        |
| 1/4 | 1/4      | 1/4 | 4,046.81 | 1/4 | 3,885.45 | 1/4 | 3,724.06 | 1/4 | 3,562.66 | 1/4 | 3,397.32 | 1/4 | 3,046.54 | 1/4 | 2,695.75 | 1/4 | 2,344.97 | 1/4 | 1,994.33 | 1/4 | 1,643.70 | 1/4 | 1,293.65 | 1/4 | 943.38   | 1/4 | 594.38 | 1/4 | 243.83 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,043.45 | 1/2 | 3,882.09 | 1/2 | 3,720.70 | 1/2 | 3,559.30 | 1/2 | 3,390.01 | 1/2 | 3,039.23 | 1/2 | 2,688.45 | 1/2 | 2,337.66 | 1/2 | 1,987.02 | 1/2 | 1,636.39 | 1/2 | 1,286.34 | 1/2 | 936.12   | 1/2 | 587.07 | 1/2 | 236.52 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,040.09 | 3/4 | 3,878.73 | 3/4 | 3,717.33 | 3/4 | 3,555.94 | 3/4 | 3,382.71 | 3/4 | 3,031.92 | 3/4 | 2,681.14 | 3/4 | 2,330.35 | 3/4 | 1,979.72 | 3/4 | 1,629.09 | 3/4 | 1,279.04 | 3/4 | 928.85   | 3/4 | 579.77 | 3/4 | 229.21 | 3/4 |        |
| 2   | 2        | 2   | 4,036.73 | 2   | 3,875.37 | 2   | 3,713.97 | 2   | 3,552.58 | 2   | 3,375.40 | 2   | 3,024.61 | 2   | 2,673.83 | 2   | 2,323.04 | 2   | 1,972.41 | 2   | 1,621.78 | 2   | 1,271.73 | 2   | 921.59   | 2   | 572.46 | 2   | 221.91 | 2   |        |
| 1/4 | 1/4      | 1/4 | 4,033.38 | 1/4 | 3,872.00 | 1/4 | 3,710.61 | 1/4 | 3,549.21 | 1/4 | 3,368.09 | 1/4 | 3,017.31 | 1/4 | 2,666.52 | 1/4 | 2,315.74 | 1/4 | 1,965.11 | 1/4 | 1,614.50 | 1/4 | 1,264.43 | 1/4 | 914.32   | 1/4 | 565.15 | 1/4 | 214.60 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,030.02 | 1/2 | 3,868.64 | 1/2 | 3,707.25 | 1/2 | 3,545.85 | 1/2 | 3,366.78 | 1/2 | 3,010.00 | 1/2 | 2,659.21 | 1/2 | 2,308.43 | 1/2 | 1,957.80 | 1/2 | 1,607.22 | 1/2 | 1,257.12 | 1/2 | 907.06   | 1/2 | 557.85 | 1/2 | 207.29 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,026.67 | 3/4 | 3,865.28 | 3/4 | 3,703.88 | 3/4 | 3,542.49 | 3/4 | 3,353.47 | 3/4 | 3,002.69 | 3/4 | 2,651.91 | 3/4 | 2,301.13 | 3/4 | 1,950.50 | 3/4 | 1,599.94 | 3/4 | 1,249.82 | 3/4 | 899.79   | 3/4 | 550.54 | 3/4 | 199.98 | 3/4 |        |
| 3   | 3        | 3   | 4,023.31 | 3   | 3,861.92 | 3   | 3,700.52 | 3   | 3,539.13 | 3   | 3,346.17 | 3   | 2,995.38 | 3   | 2,644.60 | 3   | 2,293.83 | 3   | 1,943.19 | 3   | 1,592.66 | 3   | 1,242.51 | 3   | 892.53   | 3   | 543.23 | 3   | 192.67 | 3   |        |
| 1/4 | 1/4      | 1/4 | 4,019.95 | 1/4 | 3,858.55 | 1/4 | 3,697.16 | 1/4 | 3,535.76 | 1/4 | 3,338.86 | 1/4 | 2,988.07 | 1/4 | 2,637.29 | 1/4 | 2,286.52 | 1/4 | 1,935.89 | 1/4 | 1,585.38 | 1/4 | 1,235.21 | 1/4 | 885.27   | 1/4 | 535.93 | 1/4 | 185.37 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,016.59 | 1/2 | 3,855.19 | 1/2 | 3,693.80 | 1/2 | 3,532.40 | 1/2 | 3,331.55 | 1/2 | 2,980.77 | 1/2 | 2,629.98 | 1/2 | 2,279.22 | 1/2 | 1,928.59 | 1/2 | 1,578.10 | 1/2 | 1,227.90 | 1/2 | 878.01   | 1/2 | 528.62 | 1/2 | 178.06 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,013.23 | 3/4 | 3,851.83 | 3/4 | 3,690.43 | 3/4 | 3,529.04 | 3/4 | 3,324.24 | 3/4 | 2,973.46 | 3/4 | 2,622.67 | 3/4 | 2,271.91 | 3/4 | 1,921.28 | 3/4 | 1,570.82 | 3/4 | 1,220.60 | 3/4 | 870.74   | 3/4 | 521.31 | 3/4 | 170.75 | 3/4 |        |
| 4   | 4        | 4   | 4,009.86 | 4   | 3,848.47 | 4   | 3,687.07 | 4   | 3,525.68 | 4   | 3,316.93 | 4   | 2,966.15 | 4   | 2,615.37 | 4   | 2,264.61 | 4   | 1,913.98 | 4   | 1,563.54 | 4   | 1,213.29 | 4   | 863.48   | 4   | 514.00 | 4   | 163.44 | 4   |        |
| 1/4 | 1/4      | 1/4 | 4,006.50 | 1/4 | 3,845.11 | 1/4 | 3,683.71 | 1/4 | 3,522.31 | 1/4 | 3,309.63 | 1/4 | 2,958.84 | 1/4 | 2,608.06 | 1/4 | 2,257.30 | 1/4 | 1,906.67 | 1/4 | 1,556.26 | 1/4 | 1,205.99 | 1/4 | 856.22   | 1/4 | 506.69 | 1/4 | 156.13 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,003.14 | 1/2 | 3,841.74 | 1/2 | 3,680.35 | 1/2 | 3,518.95 | 1/2 | 3,302.32 | 1/2 | 2,951.53 | 1/2 | 2,600.75 | 1/2 | 2,250.00 | 1/2 | 1,899.37 | 1/2 | 1,548.98 | 1/2 | 1,198.69 | 1/2 | 848.96   | 1/2 | 499.38 | 1/2 | 148.82 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 3,999.78 | 3/4 | 3,838.38 | 3/4 | 3,676.99 | 3/4 | 3,515.59 | 3/4 | 3,295.01 | 3/4 | 2,944.23 | 3/4 | 2,593.44 | 3/4 | 2,242.69 | 3/4 | 1,892.06 | 3/4 | 1,541.70 | 3/4 | 1,191.38 | 3/4 | 841.69   | 3/4 | 492.08 | 3/4 | 141.52 | 3/4 |        |
| 5   | 5        | 5   | 3,996.41 | 5   | 3,835.02 | 5   | 3,673.62 | 5   | 3,512.23 | 5   | 3,287.70 | 5   | 2,936.92 | 5   | 2,586.13 | 5   | 2,235.39 | 5   | 1,884.76 | 5   | 1,534.42 | 5   | 1,184.08 | 5   | 834.43   | 5   | 484.77 | 5   | 134.21 | 5   |        |
| 1/4 | 1/4      | 1/4 | 3,993.05 | 1/4 | 3,831.66 | 1/4 | 3,670.26 | 1/4 | 3,508.87 | 1/4 | 3,280.39 | 1/4 | 2,929.61 | 1/4 | 2,578.83 | 1/4 | 2,228.08 | 1/4 | 1,877.45 | 1/4 | 1,527.14 | 1/4 | 1,176.77 | 1/4 | 827.17   | 1/4 | 477.46 | 1/4 | 126.90 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 3,989.69 | 1/2 | 3,828.29 | 1/2 | 3,666.90 | 1/2 | 3,505.50 | 1/2 | 3,273.09 | 1/2 | 2,922.30 | 1/2 | 2,571.52 | 1/2 | 2,220.78 | 1/2 | 1,870.15 | 1/2 | 1,519.86 | 1/2 | 1,169.47 | 1/2 | 819.91   | 1/2 | 470.15 | 1/2 | 119.59 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 3,986.33 | 3/4 | 3,824.93 | 3/4 | 3,663.54 | 3/4 | 3,502.14 | 3/4 | 3,265.78 | 3/4 | 2,914.99 | 3/4 | 2,564.21 | 3/4 | 2,213.47 | 3/4 | 1,862.84 | 3/4 | 1,512.57 | 3/4 | 1,162.16 | 3/4 | 812.64   | 3/4 | 462.84 | 3/4 | 112.28 | 3/4 |        |
| 6   | 4,121.61 | 6   | 3,982.96 | 6   | 3,821.57 | 6   | 3,660.17 | 6   | 3,498.78 | 6   | 3,258.47 | 6   | 2,907.69 | 6   | 2,556.90 | 6   | 2,206.17 | 6   | 1,855.54 | 6   | 1,505.29 | 6   | 1,154.86 | 6   | 805.38   | 6   | 455.53 | 6   | 104.98 | 6   |        |
| 1/4 | 1/4      | 1/4 | 4,121.29 | 1/4 | 3,979.60 | 1/4 | 3,818.21 | 1/4 | 3,656.81 | 1/4 | 3,495.42 | 1/4 | 3,251.16 | 1/4 | 2,900.38 | 1/4 | 2,549.59 | 1/4 | 2,198.86 | 1/4 | 1,848.23 | 1/4 | 1,498.01 | 1/4 | 1,147.55 | 1/4 | 798.12 | 1/4 | 448.23 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,120.98 | 1/2 | 3,976.24 | 1/2 | 3,814.84 | 1/2 | 3,653.45 | 1/2 | 3,492.05 | 1/2 | 3,243.85 | 1/2 | 2,893.07 | 1/2 | 2,542.29 | 1/2 | 2,191.56 | 1/2 | 1,840.93 | 1/2 | 1,490.73 | 1/2 | 1,140.25 | 1/2 | 790.86 | 1/2 | 440.92 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,120.66 | 3/4 | 3,972.88 | 3/4 | 3,811.48 | 3/4 | 3,650.09 | 3/4 | 3,488.69 | 3/4 | 3,236.55 | 3/4 | 2,885.76 | 3/4 | 2,534.98 | 3/4 | 2,184.25 | 3/4 | 1,833.62 | 3/4 | 1,483.45 | 3/4 | 1,132.94 | 3/4 | 783.59 | 3/4 | 433.61 | 3/4 |        |
| 7   | 4,120.34 | 7   | 3,969.51 | 7   | 3,808.12 | 7   | 3,646.72 | 7   | 3,485.33 | 7   | 3,229.24 | 7   | 2,878.45 | 7   | 2,527.67 | 7   | 2,176.95 | 7   | 1,826.32 | 7   | 1,476.17 | 7   | 1,125.64 | 7   | 776.33   | 7   | 426.30 | 7   | 75.76  | 7   |        |
| 1/4 | 1/4      | 1/4 | 4,118.81 | 1/4 | 3,966.15 | 1/4 | 3,804.76 | 1/4 | 3,643.36 | 1/4 | 3,481.97 | 1/4 | 3,221.93 | 1/4 | 2,871.15 | 1/4 | 2,520.36 | 1/4 | 2,169.64 | 1/4 | 1,819.01 | 1/4 | 1,468.89 | 1/4 | 1,118.33 | 1/4 | 769.07 | 1/4 | 418.99 | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,117.27 | 1/2 | 3,962.79 | 1/2 | 3,801.39 | 1/2 | 3,640.00 | 1/2 | 3,478.60 | 1/2 | 3,214.62 | 1/2 | 2,863.84 | 1/2 | 2,513.05 | 1/2 | 2,162.34 | 1/2 | 1,811.71 | 1/2 | 1,461.61 | 1/2 | 1,111.03 | 1/2 | 761.81 | 1/2 | 411.69 | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,115.73 | 3/4 | 3,959.43 | 3/4 | 3,798.03 | 3/4 | 3,636.64 | 3/4 | 3,475.24 | 3/4 | 3,207.31 | 3/4 | 2,856.53 | 3/4 | 2,505.75 | 3/4 | 2,155.03 | 3/4 | 1,804.40 | 3/4 | 1,454.33 | 3/4 | 1,103.72 | 3/4 | 754.54 | 3/4 | 404.38 | 3/4 |        |
| 8   | 4,114.20 | 8   | 3,956.06 | 8   | 3,794.67 | 8   | 3,633.27 | 8   | 3,471.88 | 8   | 3,200.01 | 8   | 2,849.22 | 8   | 2,498.44 | 8   | 2,147.73 | 8   | 1,797.10 | 8   | 1,447.05 | 8   | 1,096.42 | 8   | 747.28   | 8   | 397.07 | 8   | 50.95  | 8   |        |
| 1/4 | 1/4      | 1/4 | 4,111.45 | 1/4 | 3,952.70 | 1/4 | 3,791.31 | 1/4 | 3,629.91 | 1/4 | 3,468.52 | 1/4 | 3,192.70 | 1/4 | 2,841.91 | 1/4 | 2,491.13 | 1/4 | 1,789.79 | 1/4 | 1,439.74 | 1/4 | 1,089.12 | 1/4 | 740.02   | 1/4 | 389.76 | 1/4 | 46.00  | 1/4 |        |
| 1/2 | 1/2      | 1/2 | 4,108.71 | 1/2 | 3,949.34 | 1/2 | 3,787.94 | 1/2 | 3,626.55 | 1/2 | 3,465.15 | 1/2 | 3,185.39 | 1/2 | 2,834.61 | 1/2 | 2,483.82 | 1/2 | 2,133.12 | 1/2 | 1,782.49 | 1/2 | 1,432.44 | 1/2 | 732.75   | 1/2 | 382.45 | 1/2 | 41.05  | 1/2 |        |
| 3/4 | 3/4      | 3/4 | 4,105.96 | 3/4 | 3,945.98 | 3/4 | 3,784.58 | 3/4 | 3,623.19 | 3/4 | 3,461.79 | 3/4 | 3,178.08 | 3/4 | 2,827.30 | 3/4 | 2,476.51 | 3/4 | 2,125.81 | 3/4 | 1,775.18 | 3/4 | 1,425.13 | 3/4 | 725.49   | 3/4 | 375.14 | 3/4 | 36.10  | 3/4 |        |
| 9   | 4,103.22 | 9   | 3,942.61 | 9   | 3,781.22 | 9   | 3,619.82 | 9   | 3,458.43 | 9   | 3,170.77 | 9   | 2,819.99 | 9   | 2,469.21 | 9   | 2,118.51 | 9   | 1,767.88 | 9   | 1,417.83 | 9   | 1,067.20 | 9   | 718.23   | 9   | 367.84 | 9   | 31.14  | 9   |        |
| 1/4 | 1/4      | 1/4 | 4,099.95 | 1/4 | 3,939.25 | 1/4 | 3,777.86 | 1/4 | 3,616.46 | 1/4 | 3,455.07 | 1/4 | 3,163.47 | 1/4 | 2,812.68 | 1/4 | 2,461.90 | 1/4 | 2,111.21 | 1/4 | 1,760.57 | 1/4 | 1,410.52 | 1/4 |          |     |        |     |        |     |        |