BARGE: HSM 3703

ULLAGE TRIM TABLE
8" HATCH

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 264'-00"

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

September 26, 2016

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

BARGE: HSM 3703

JEFFBOAT 15-2282

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 5/8"

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	5,290.76	0	4,924.37	0	4,555.56	0	4,186.76	0	3,817.96	0	3,449.15	0	3,080.35	0	2,711.55	0	2,342.74	0	1,973.94	0	1,605.38	0	1,236.70	0	868.22	0	499.40	0	133.44
1/4		1/4	5,283.72	1/4	4,916.68	1/4	4,547.88	1/4	4,179.08	1/4	3,810.27	1/4	3,441.47	1/4	3,072.67	1/4	2,703.86	1/4	2,335.06	1/4	1,966.26	1/4	1,597.70	1/4	1,229.03	1/4	860.54	1/4	491.72	1/4	126.24
1/2		1/2	5,276.69	1/2	4,909.00	1/2	4,540.20	1/2	4,171.39	1/2	3,802.59	1/2	3,433.79	1/2	3,064.98	1/2	2,696.18	1/2	2,327.38	1/2	1,958.57	1/2	1,590.01	1/2	1,221.35	1/2	852.85	1/2	484.03	1/2	119.04
3/4		3/4	5,269.38	3/4	4,901.32	3/4	4,532.51	3/4	4,163.71	3/4	3,794.91	3/4	3,426.10	3/4	3,057.30	3/4	2,688.50	3/4	2,319.69	3/4	1,950.89	3/4	1,582.33	3/4	1,213.68	3/4	845.17	3/4	476.35	3/4	111.85
1		1	5,261.79	1	4,893.63	1	4,524.83	1	4,156.03	1	3,787.22	1	3,418.42	1	3,049.62	1	2,680.81	1	2,312.01	1	1,943.21	1	1,574.65	1	1,206.00	1	837.49	1	468.66	1	104.67
1/4		1/4	5,254.20	1/4	4,885.95	1/4	4,517.15	1/4	4,148.34	1/4	3,779.54	1/4	3,410.74	1/4	3,041.93	1/4	2,673.13	1/4	2,304.33	1/4	1,935.52	1/4	1,566.97	1/4	1,198.33	1/4	829.80	1/4	460.98	1/4	97.50
1/2		1/2	5,246.62	1/2	4,878.27	1/2	4,509.46	1/2	4,140.66	1/2	3,771.86	1/2	3,403.05	1/2	3,034.25	1/2	2,665.45	1/2	2,296.64	1/2	1,927.84	1/2	1,559.28	1/2	1,190.66	1/2	822.12	1/2	453.30	1/2	90.32
3/4		3/4	5,239.01	3/4	4,870.58	3/4	4,501.78	3/4	4,132.98	3/4	3,764.17	3/4	3,395.37	3/4	3,026.57	3/4	2,657.76	3/4	2,288.96	3/4	1,920.16	3/4	1,551.60	3/4	1,182.98	3/4	814.44	3/4	445.62	3/4	83.18
2		2	5,231.38	2	4,862.90	2	4,494.10	2	4,125.29	2	3,756.49	2	3,387.69	2	3,018.88	2	2,650.08	2	2,281.28	2	1,912.47	2	1,543.92	2	1,175.31	2	806.75	2	437.96	2	76.07
1/4		1/4	5,223.75	1/4	4,855.21	1/4	4,486.41	1/4	4,117.61	1/4	3,748.81	1/4	3,380.00	1/4	3,011.20	1/4	2,642.40	1/4	2,273.59	1/4	1,904.79	1/4	1,536.23	1/4	1,167.64	1/4	799.07	1/4	430.30	1/4	68.96
1/2		1/2	5,216.12	1/2	4,847.53	1/2	4,478.73	1/2	4,109.93	1/2	3,741.12	1/2	3,372.32	1/2	3,003.52	1/2	2,634.71	1/2	2,265.91	1/2	1,897.11	1/2	1,528.55	1/2	1,159.96	1/2	791.38	1/2	422.63	1/2	61.85
3/4		3/4	5,208.48	3/4	4,839.85	3/4	4,471.04	3/4	4,102.24	3/4	3,733.44	3/4	3,364.64	3/4	2,995.83	3/4	2,627.03	3/4	2,258.23	3/4	1,889.42	3/4	1,520.87	3/4	1,152.29	3/4	783.70	3/4	414.97	3/4	55.17
3		3	5,200.83	3	4,832.16	3	4,463.36	3	4,094.56	3	3,725.76	3	3,356.95	3	2,988.15	3	2,619.35	3	2,250.54	3	1,881.74	3	1,513.19	3	1,144.61	3	776.02	3	407.31	3	48.93
1/4		1/4	5,193.18	1/4	4,824.48	1/4	4,455.68	1/4	4,086.87	1/4	3,718.07	1/4	3,349.27	1/4	2,980.47	1/4	2,611.66	1/4	2,242.86	1/4	1,874.06	1/4	1,505.50	1/4	1,136.94	1/4	768.33	1/4	399.64	1/4	42.68
1/2		1/2	5,185.52	1/2	4,816.80	1/2	4,447.99	1/2	4,079.19	1/2	3,710.39	1/2	3,341.59	1/2	2,972.78	1/2	2,603.98	1/2	2,235.18	1/2	1,866.37	1/2	1,497.82	1/2	1,129.27	1/2	760.65	1/2	391.98	1/2	36.44
3/4		3/4	5,177.86	3/4	4,809.11	3/4	4,440.31	3/4	4,071.51	3/4	3,702.70	3/4	3,333.90	3/4	2,965.10	3/4	2,596.30	3/4	2,227.49	3/4	1,858.69	3/4	1,490.14	3/4	1,121.59	3/4	752.96	3/4	384.32	3/4	31.15
4		4	5,170.19	4	4,801.43	4	4,432.63	4	4,063.82	4	3,695.02	4	3,326.22	4	2,957.42	4	2,588.61	4	2,219.81	4	1,851.01	4	1,482.45	4	1,113.92	4	745.28	4	376.65	4	26.82
1/4		1/4	5,162.52	1/4	4,793.75	1/4	4,424.94	1/4	4,056.14	1/4	3,687.34	1/4	3,318.53	1/4	2,949.73	1/4	2,580.93	1/4	2,212.13	1/4	1,843.32	1/4	1,474.77	1/4	1,106.25	1/4	737.60	1/4	368.99	1/4	22.49
1/2		1/2	5,154.85	1/2	4,786.06	1/2	4,417.26	1/2	4,048.46	1/2	3,679.65	1/2	3,310.85	1/2	2,942.05	1/2	2,573.25	1/2	2,204.44	1/2	1,835.64	1/2	1,467.09	1/2	1,098.57	1/2	729.91	1/2	361.33	1/2	18.16
3/4		3/4	5,147.18	3/4	4,778.38	3/4	4,409.58	3/4	4,040.77	3/4	3,671.97	3/4	3,303.17	3/4	2,934.36	3/4	2,565.56	3/4	2,196.76	3/4	1,827.96	3/4	1,459.41	3/4	1,090.90	3/4	722.23	3/4	353.65	5/8	16.00
5		5	5,139.50	5	4,770.70	5	4,401.89	5	4,033.09	5	3,664.29	5	3,295.48	5	2,926.68	5	2,557.88	5	2,189.08	5	1,820.27	5	1,451.72	5	1,083.22	5	714.55	5	345.97	5	
1/4		1/4	5,131.82	1/4	4,763.01	1/4	4,394.21	1/4	4,025.41	1/4	3,656.60	1/4	3,287.80	1/4	2,919.00	1/4	2,550.19	1/4	2,181.39	1/4	1,812.59	1/4	1,444.04	1/4	1,075.55	1/4	706.86	1/4	338.29	1/4	
1/2		1/2	5,124.14	1/2	4,755.33	1/2	4,386.53	1/2	4,017.72	1/2	3,648.92	1/2	3,280.12	1/2	2,911.31	1/2	2,542.51	1/2	2,173.71	1/2	1,804.91	1/2	1,436.36	1/2	1,067.88	1/2	699.18	1/2	330.60	1/2	
3/4		3/4	5,116.46	3/4	4,747.65	3/4	4,378.84	3/4	4,010.04	3/4	3,641.24	3/4	3,272.43	3/4	2,903.63	3/4	2,534.83	3/4	2,166.02	3/4	1,797.23	3/4	1,428.67	3/4	1,060.20	3/4	691.49	3/4	322.92	3/4	
6		6	5,108.77	6	4,739.96	6	4,371.16	6	4,002.36	6	3,633.55	6	3,264.75	6	2,895.95	6	2,527.14	6	2,158.34	6	1,789.55	6	1,420.99	6	1,052.53	6	683.81	6	315.23	6	
1/4		1/4	5,101.09	1/4	4,732.28	1/4	4,363.48	1/4	3,994.67	1/4	3,625.87	1/4	3,257.07	1/4	2,888.26	1/4	2,519.46	1/4	2,150.66	1/4	1,781.88	1/4	1,413.31	1/4	1,044.85	1/4	676.13	1/4	307.55	1/4	
1/2		1/2	5,093.40	1/2	4,724.60	1/2	4,355.79	1/2	3,986.99	1/2	3,618.19	1/2	3,249.38	1/2	2,880.58	1/2	2,511.78	1/2	2,142.97	1/2	1,774.21	1/2	1,405.63	1/2	1,037.18	1/2	668.44	1/2	299.87	1/2	
3/4		3/4	5,085.72	3/4	4,716.91	3/4	4,348.11	3/4	3,979.31	3/4	3,610.50	3/4	3,241.70	3/4	2,872.90	3/4	2,504.09	3/4	2,135.29	3/4	1,766.53	3/4	1,397.94	3/4	1,029.51	3/4	660.76	3/4	292.18	3/4	
7		7	5,078.03	7	4,709.23	7	4,340.43	7	3,971.62	7	3,602.82	7	3,234.02	7	2,865.21	7	2,496.41	7	2,127.61	7	1,758.86	7	1,390.26	7	1,021.83	7	653.08	7	284.50	7	
1/4		1/4	5,070.35	1/4	4,701.55	1/4	4,332.74	1/4	3,963.94	1/4	3,595.14	1/4	3,226.33	1/4	2,857.53	1/4	2,488.73	1/4	2,119.92	1/4	1,751.19	1/4	1,382.58	1/4	1,014.16	1/4	645.39	1/4	276.82	1/4	
1/2		1/2	5,062.67	1/2	4,693.86	1/2	4,325.06	1/2	3,956.26	1/2	3,587.45	1/2	3,218.65	1/2	2,849.85	1/2	2,481.04	1/2	2,112.24	1/2	1,743.51	1/2	1,374.89	1/2	1,006.48	1/2	637.71	1/2	269.13	1/2	
3/4		3/4	5,054.98	3/4	4,686.18	3/4	4,317.38	3/4	3,948.57	3/4	3,579.77	3/4	3,210.97	3/4	2,842.16	3/4	2,473.36	3/4	2,104.56	3/4	1,735.84	3/4	1,367.21	3/4	998.81	3/4	630.02	3/4	261.45	3/4	
8		8	5,047.30	8	4,678.50	8	4,309.69	8	3,940.89	8	3,572.09	8	3,203.28	8	2,834.48	8	2,465.68	8	2,096.87	8	1,728.17	8	1,359.53	8	991.13	8	622.34	8	253.76	8	
1/4		1/4	5,039.62	1/4	4,670.81	1/4	4,302.01	1/4	3,933.21	1/4	3,564.40	1/4	3,195.60	1/4	2,826.80	1/4	2,457.99	1/4	2,089.19	1/4	1,720.49	1/4	1,351.84	1/4	983.46	1/4	614.66	1/4	246.08	1/4	
1/2		1/2	5,031.93	1/2	4,663.13	1/2	4,294.33	1/2	3,925.52	1/2	3,556.72	1/2	3,187.92	1/2	2,819.11	1/2	2,450.31	1/2	2,081.51	1/2	1,712.82	1/2	1,344.16	1/2	975.78	1/2	606.97	1/2	238.40	1/2	
3/4		3/4	5,024.25	3/4	4,655.45	3/4	4,286.64	3/4	3,917.84	3/4	3,549.04	3/4	3,180.23	3/4	2,811.43	3/4	2,442.63	3/4	2,073.82	3/4	1,705.15	3/4	1,336.48	3/4	968.10	3/4	599.29	3/4	230.71	3/4	
9		9	5,016.57	9	4,647.76	9	4,278.96	9	3,910.16	9	3,541.35	9	3,172.55	9	2,803.75	9	2,434.94	9	2,066.14	9	1,697.47	9	1,328.81	9	960.42	9	591.60	9	223.03	9	
1/4		1/4	5,008.88	1/4	4,640.08	1/4	4,271.28	1/4	3,902.47	1/4	3,533.67	1/4	3,164.87	1/4	2,796.06	1/4	2,427.26	1/4	2,058.46	1/4	1,689.80	1/4	1,321.13	1/4	952.74	1/4	583.92	1/4	215.35	1/4	
5/8	5,342.29	1/2	5,001.20	1/2	4,632.40	1/2	4,263.59	1/2	3,894.79	1/2	3,525.99	1/2	3,157.18	1/2	2,788.38	1/2	2,419.58	1/2	2,050.77	1/2	1,682.13	1/2	1,313.45	1/2	945.06	1/2	576.24	1/2	207.66	1/2	
3/4	5,340.05	3/4	4,993.52	3/4	4,624.71	3/4	4,255.91	3/4	3,887.11	3/4	3,518.30	3/4	3,149.50	3/4	2,780.70	3/4	2,411.89	3/4	2,043.09	3/4	1,674.45	3/4	1,305.78	3/4	937.38	3/4	568.55	3/4	199.98	3/4	
10	5,335.56	10	4,985.83	10	4,617.03	10	4,248.23	10	3,879.42	10	3,510.62	10	3,141.82	10	2,773.01	10	2,404.21	10	2,035.41	10	1,666.78	10	1,298.10	10	929.69	10	560.87	10	192.30	10	
1/4	5,331.08	1/4	4,978.15	1/4	4,609.35	1/4	4,240.54	1/4	3,871.74	1/4	3,502.94	1/4	3,134.13	1/4	2,765.33	1/4	2,396.53	1/4	2,027.72	1/4	1,659.11	1/4	1,290.43	1/4	922.01	1/4	553.19	1/4	184.62	1/4	
1/2	5,326.60	1/2	4,970.47	1/2	4,601.66	1/2	4,232.86	1/2	3,864.06	1/2	3,495.25	1/2	3,126.45	1/2	2,757.65	1/2	2,388.84	1/2	2,020.04	1/2	1,651.43	1/2	1,282.75	1/2	914.32	1/2	545.50	1/2	176.95	1/2	
3/4	5,321.48	3/4	4,962.78	3/4	4,593.98	3/4	4,225.18	3/4	3,856.37	3/4	3,487.57	3/4	3,118.77	3/4	2,749.96	3/4	2,381.16	3/4	2,012.36	3/4	1,643.76	3/4	1,275.07	3/4	906.64	3/4	537.82	3/4	169.50	3/4	
11	5,315.71	11	4,955.10	11	4,586.30	11	4,217.49	11	3,848.69	11	3,479.89	11	3,111.08	11	2,742.28	11	2,373.48	11	2,004.67	11	1,636.09	11	1,267.40	11	898.96	11	530.13	11	162.28	11	
1/4	5,309.95	1/4	4,947.42	1/4	4,578.61	1/4	4,209.81	1/4	3,841.01	1/4	3,472.20	1/4	3,103.40	1/4	2,734.60	1/4	2,365.79	1/4	1,996.99	1/4	1,628.41	1/4	1,259.72	1/4	891.27	1/4	522.45	1/4	155.06	1/4	
1/2	5,304.19	1/2	4,939.73	1/2	4,570.93	1/2	4,202.13	1/2	3,833.32	1/2	3,464.52	1/2	3,095.72	1/2	2,726.91	1/2	2,358.11	1/2	1,989.31	1/2	1,620.74	1/2	1,252.05	1/2	883.59	1/2	514.77	1/2	147.85	1/2	
3/4	5,297.79	3/4	4,932.05	3/4	4,563.25	3/4	4,194.44	3/4	3,825.64	3/4	3,456.84	3/4	3,088.03	3/4	2,719.23	3/4	2,350.43	3/4	1,981.62	3/4	1,613.06	3/4	1,244.37	3/4	875.91	3/4	507.08	3/4	140.64	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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 5/8"

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	5,289.64	0	4,923.36	0	4,554.65	0	4,185.93	0	3,817.22	0	3,448.51	0	3,079.80	0	2,711.09	0	2,342.37	0	1,973.66	0	1,605.20	0	1,236.61	0	868.03	0	499.30	0	133.42
1/4		1/4	5,282.61	1/4	4,915.68	1/4	4,546.96	1/4	4,178.25	1/4	3,809.54	1/4	3,440.83	1/4	3,072.12	1/4	2,703.40	1/4	2,334.69	1/4	1,965.98	1/4	1,597.52	1/4	1,228.93	1/4	860.35	1/4	491.61	1/4	126.22
1/2		1/2	5,275.58	1/2	4,908.00	1/2	4,539.28	1/2	4,170.57	1/2	3,801.86	1/2	3,433.15	1/2	3,064.44	1/2	2,695.72	1/2	2,327.01	1/2	1,958.30	1/2	1,589.84	1/2	1,221.26	1/2	852.66	1/2	483.93	1/2	119.02
3/4		3/4	5,268.27	3/4	4,900.31	3/4	4,531.60	3/4	4,162.89	3/4	3,794.18	3/4	3,425.47	3/4	3,056.75	3/4	2,688.04	3/4	2,319.33	3/4	1,950.62	3/4	1,582.15	3/4	1,213.58	3/4	844.98	3/4	476.25	3/4	111.84
1		1	5,260.68	1	4,892.63	1	4,523.92	1	4,155.21	1	3,786.50	1	3,417.78	1	3,049.07	1	2,680.36	1	2,311.65	1	1,942.94	1	1,574.47	1	1,205.91	1	837.30	1	468.57	1	104.66
1/4		1/4	5,253.10	1/4	4,884.95	1/4	4,516.24	1/4	4,147.53	1/4	3,778.81	1/4	3,410.10	1/4	3,041.39	1/4	2,672.68	1/4	2,303.97	1/4	1,935.25	1/4	1,566.79	1/4	1,198.23	1/4	829.62	1/4	460.89	1/4	97.49
1/2		1/2	5,245.51	1/2	4,877.27	1/2	4,508.56	1/2	4,139.85	1/2	3,771.13	1/2	3,402.42	1/2	3,033.71	1/2	2,665.00	1/2	2,296.29	1/2	1,927.57	1/2	1,559.11	1/2	1,190.55	1/2	821.94	1/2	453.20	1/2	90.31
3/4		3/4	5,237.91	3/4	4,869.59	3/4	4,500.88	3/4	4,132.16	3/4	3,763.45	3/4	3,394.74	3/4	3,026.03	3/4	2,657.32	3/4	2,288.60	3/4	1,919.89	3/4	1,551.43	3/4	1,182.88	3/4	814.25	3/4	445.53	3/4	83.17
2		2	5,230.28	2	4,861.91	2	4,493.19	2	4,124.48	2	3,755.77	2	3,387.06	2	3,018.35	2	2,649.63	2	2,280.92	2	1,912.21	2	1,543.75	2	1,175.20	2	806.57	2	437.87	2	76.06
1/4		1/4	5,222.65	1/4	4,854.22	1/4	4,485.51	1/4	4,116.80	1/4	3,748.09	1/4	3,379.38	1/4	3,010.66	1/4	2,641.95	1/4	2,273.24	1/4	1,904.53	1/4	1,536.07	1/4	1,167.53	1/4	798.89	1/4	430.21	1/4	68.95
1/2		1/2	5,215.03	1/2	4,846.54	1/2	4,477.83	1/2	4,109.12	1/2	3,740.41	1/2	3,371.70	1/2	3,002.98	1/2	2,634.27	1/2	2,265.56	1/2	1,896.85	1/2	1,528.39	1/2	1,159.85	1/2	791.21	1/2	422.55	1/2	61.84
3/4		3/4	5,207.39	3/4	4,838.86	3/4	4,470.15	3/4	4,101.44	3/4	3,732.73	3/4	3,364.01	3/4	2,995.30	3/4	2,626.59	3/4	2,257.88	3/4	1,889.17	3/4	1,520.71	3/4	1,152.17	3/4	783.53	3/4	414.89	3/4	55.16
3		3	5,199.74	3	4,831.18	3	4,462.47	3	4,093.76	3	3,725.04	3	3,356.33	3	2,987.62	3	2,618.91	3	2,250.20	3	1,881.50	3	1,513.03	3	1,144.50	3	775.84	3	407.23	3	48.92
1/4		1/4	5,192.09	1/4	4,823.50	1/4	4,454.79	1/4	4,086.07	1/4	3,717.36	1/4	3,348.65	1/4	2,979.94	1/4	2,611.23	1/4	2,242.51	1/4	1,873.83	1/4	1,505.34	1/4	1,136.82	1/4	768.16	1/4	399.56	1/4	42.68
1/2		1/2	5,184.43	1/2	4,815.82	1/2	4,447.11	1/2	4,078.39	1/2	3,709.68	1/2	3,340.97	1/2	2,972.26	1/2	2,603.55	1/2	2,234.83	1/2	1,866.15	1/2	1,497.66	1/2	1,129.15	1/2	760.48	1/2	391.90	1/2	36.43
3/4		3/4	5,176.77	3/4	4,808.14	3/4	4,439.42	3/4	4,070.71	3/4	3,702.00	3/4	3,333.29	3/4	2,964.58	3/4	2,595.86	3/4	2,227.15	3/4	1,858.48	3/4	1,489.98	3/4	1,121.47	3/4	752.80	3/4	384.24	3/4	31.14
4		4	5,169.11	4	4,800.45	4	4,431.74	4	4,063.03	4	3,694.32	4	3,325.61	4	2,956.89	4	2,588.18	4	2,219.47	4	1,850.81	4	1,482.30	4	1,113.79	4	745.12	4	376.58	4	26.82
1/4		1/4	5,161.44	1/4	4,792.77	1/4	4,424.06	1/4	4,055.35	1/4	3,686.64	1/4	3,317.92	1/4	2,949.21	1/4	2,580.50	1/4	2,211.79	1/4	1,843.14	1/4	1,474.62	1/4	1,106.12	1/4	737.44	1/4	368.92	1/4	22.49
1/2		1/2	5,153.77	1/2	4,785.09	1/2	4,416.38	1/2	4,047.67	1/2	3,678.96	1/2	3,310.24	1/2	2,941.53	1/2	2,572.82	1/2	2,204.11	1/2	1,835.47	1/2	1,466.94	1/2	1,098.44	1/2	729.75	1/2	361.26	1/2	18.16
3/4		3/4	5,146.10	3/4	4,777.41	3/4	4,408.70	3/4	4,039.99	3/4	3,671.27	3/4	3,302.56	3/4	2,933.85	3/4	2,565.14	3/4	2,196.43	3/4	1,827.80	3/4	1,459.26	3/4	1,090.76	3/4	722.07	3/4	353.59	5/8	15.99
5		5	5,138.42	5	4,769.73	5	4,401.02	5	4,032.30	5	3,663.59	5	3,294.88	5	2,926.17	5	2,557.46	5	2,188.74	5	1,820.12	5	1,451.58	5	1,083.09	5	714.39	5	345.90	5	
1/4		1/4	5,130.75	1/4	4,762.05	1/4	4,393.33	1/4	4,024.62	1/4	3,655.91	1/4	3,287.20	1/4	2,918.49	1/4	2,549.77	1/4	2,181.06	1/4	1,812.45	1/4	1,443.90	1/4	1,075.41	1/4	706.71	1/4	338.22	1/4	
1/2		1/2	5,123.07	1/2	4,754.37	1/2	4,385.65	1/2	4,016.94	1/2	3,648.23	1/2	3,279.52	1/2	2,910.81	1/2	2,542.09	1/2	2,173.38	1/2	1,804.78	1/2	1,436.22	1/2	1,067.74	1/2	699.03	1/2	330.54	1/2	
3/4		3/4	5,115.39	3/4	4,746.68	3/4	4,377.97	3/4	4,009.26	3/4	3,640.55	3/4	3,271.84	3/4	2,903.12	3/4	2,534.41	3/4	2,165.70	3/4	1,797.11	3/4	1,428.53	3/4	1,060.06	3/4	691.34	3/4	322.86	3/4	
6		6	5,107.71	6	4,739.00	6	4,370.29	6	4,001.58	6	3,632.87	6	3,264.15	6	2,895.44	6	2,526.73	6	2,158.02	6	1,789.44	6	1,420.85	6	1,052.38	6	683.66	6	315.18	6	
1/4		1/4	5,100.02	1/4	4,731.32	1/4	4,362.61	1/4	3,993.90	1/4	3,625.18	1/4	3,256.47	1/4	2,887.76	1/4	2,519.05	1/4	2,150.34	1/4	1,781.77	1/4	1,413.17	1/4	1,044.70	1/4	675.98	1/4	307.50	1/4	
1/2		1/2	5,092.34	1/2	4,723.64	1/2	4,354.93	1/2	3,986.22	1/2	3,617.50	1/2	3,248.79	1/2	2,880.08	1/2	2,511.37	1/2	2,142.66	1/2	1,774.10	1/2	1,405.49	1/2	1,037.02	1/2	668.30	1/2	299.81	1/2	
3/4		3/4	5,084.67	3/4	4,715.96	3/4	4,347.25	3/4	3,978.53	3/4	3,609.82	3/4	3,241.11	3/4	2,872.40	3/4	2,503.69	3/4	2,134.97	3/4	1,766.42	3/4	1,397.81	3/4	1,029.34	3/4	660.62	3/4	292.13	3/4	
7		7	5,076.99	7	4,708.28	7	4,339.56	7	3,970.85	7	3,602.14	7	3,233.43	7	2,864.72	7	2,496.00	7	2,127.29	7	1,758.75	7	1,390.13	7	1,021.66	7	652.93	7	284.45	7	
1/4		1/4	5,069.31	1/4	4,700.59	1/4	4,331.88	1/4	3,963.17	1/4	3,594.46	1/4	3,225.75	1/4	2,857.03	1/4	2,488.32	1/4	2,119.61	1/4	1,751.08	1/4	1,382.45	1/4	1,013.98	1/4	645.25	1/4	276.77	1/4	
1/2		1/2	5,061.63	1/2	4,692.91	1/2	4,324.20	1/2	3,955.49	1/2	3,586.78	1/2	3,218.07	1/2	2,849.35	1/2	2,480.64	1/2	2,111.93	1/2	1,743.41	1/2	1,374.78	1/2	1,006.30	1/2	637.57	1/2	269.09	1/2	
3/4		3/4	5,053.94	3/4	4,685.23	3/4	4,316.52	3/4	3,947.81	3/4	3,579.10	3/4	3,210.38	3/4	2,841.67	3/4	2,472.96	3/4	2,104.25	3/4	1,735.74	3/4	1,367.10	3/4	998.62	3/4	629.89	3/4	261.40	3/4	
8		8	5,046.26	8	4,677.55	8	4,308.84	8	3,940.13	8	3,571.41	8	3,202.70	8	2,833.99	8	2,465.28	8	2,096.57	8	1,728.07	8	1,359.42	8	990.93	8	622.21	8	253.72	8	
1/4		1/4	5,038.58	1/4	4,669.87	1/4	4,301.16	1/4	3,932.44	1/4	3,563.73	1/4	3,195.02	1/4	2,826.31	1/4	2,457.60	1/4	2,088.88	1/4	1,720.40	1/4	1,351.75	1/4	983.25	1/4	614.52	1/4	246.04	1/4	
1/2		1/2	5,030.90	1/2	4,662.19	1/2	4,293.48	1/2	3,924.76	1/2	3,556.05	1/2	3,187.34	1/2	2,818.63	1/2	2,449.92	1/2	2,081.20	1/2	1,712.73	1/2	1,344.07	1/2	975.57	1/2	606.84	1/2	238.36	1/2	
3/4		3/4	5,023.22	3/4	4,654.51	3/4	4,285.79	3/4	3,917.08	3/4	3,548.37	3/4	3,179.66	3/4	2,810.95	3/4	2,442.23	3/4	2,073.52	3/4	1,705.05	3/4	1,336.40	3/4	967.89	3/4	599.16	3/4	230.68	3/4	
9		9	5,015.54	9	4,646.82	9	4,278.11	9	3,909.40	9	3,540.69	9	3,171.98	9	2,803.26	9	2,434.55	9	2,065.84	9	1,697.37	9	1,328.72	9	960.21	9	591.48	9	223.00	9	
1/4		1/4	5,007.85	1/4	4,639.14	1/4	4,270.43	1/4	3,901.72	1/4	3,533.01	1/4	3,164.29	1/4	2,795.58	1/4	2,426.87	1/4	2,058.16	1/4	1,689.69	1/4	1,321.04	1/4	952.53	1/4	583.80	1/4	215.31	1/4	
5/8	5,341.16	1/2	5,000.17	1/2	4,631.46	1/2	4,262.75	1/2	3,894.04	1/2	3,525.33	1/2	3,156.61	1/2	2,787.90	1/2	2,419.19	1/2	2,050.48	1/2	1,682.01	1/2	1,313.37	1/2	944.84	1/2	576.12	1/2	207.63	1/2	
3/4	5,338.92	3/4	4,992.49	3/4	4,623.78	3/4	4,255.07	3/4	3,886.36	3/4	3,517.64	3/4	3,148.93	3/4	2,780.22	3/4	2,411.51	3/4	2,042.80	3/4	1,674.33	3/4	1,305.69	3/4	937.16	3/4	568.43	3/4	199.95	3/4	
10	5,334.44	10	4,984.81	10	4,616.10	10	4,247.39	10	3,878.67	10	3,509.96	10	3,141.25	10	2,772.54	10	2,403.83	10	2,035.11	10	1,666.65	10	1,298.02	10	929.48	10	560.75	10	192.28	10	
1/4	5,329.96	1/4	4,977.13	1/4	4,608.42	1/4	4,239.70	1/4	3,870.99	1/4	3,502.28	1/4	3,133.57	1/4	2,764.86	1/4	2,396.14	1/4	2,027.43	1/4	1,658.96	1/4	1,290.34	1/4	921.80	1/4	553.07	1/4	184.60	1/4	
1/2	5,325.48	1/2	4,969.45	1/2	4,600.74	1/2	4,232.02	1/2	3,863.31	1/2	3,494.60	1/2	3,125.89	1/2	2,757.18	1/2	2,388.46	1/2	2,019.75	1/2	1,651.28	1/2	1,282.66	1/2	914.12	1/2	545.39	1/2	176.92	1/2	
3/4	5,320.35	3/4	4,961.77	3/4	4,593.05	3/4	4,224.34	3/4	3,855.63	3/4	3,486.92	3/4	3,118.21	3/4	2,749.49	3/4	2,380.78	3/4	2,012.07	3/4	1,643.60	3/4	1,274.99	3/4	906.44	3/4	537.71	3/4	169.48	3/4	
11	5,314.59	11	4,954.08	11	4,585.37	11	4,216.66	11	3,847.95	11	3,479.24	11	3,110.52	11	2,741.81	11	2,373.10	11	2,004.39	11	1,635.92	11	1,267.31	11	898.75	11	530.02	11	162.26	11	
1/4	5,308.83	1/4	4,946.40	1/4	4,577.69	1/4	4,208.98	1/4	3,840.27	1/4	3,471.55	1/4	3,102.84	1/4	2,734.13	1/4	2,365.42	1/4	1,996.71	1/4	1,628.24	1/4	1,259.64	1/4	891.07	1/4	522.34	1/4	155.04	1/4	
1/2	5,303.07	1/2	4,938.72	1/2	4,570.01	1/2	4,201.30	1/2	3,832.59	1/2	3,463.87	1/2	3,095.16	1/2	2,726.45	1/2	2,357.74	1/2	1,989.03	1/2	1,620.56	1/2	1,251.96	1/2	883.39	1/2	514.66	1/2	147.83	1/2	
3/4	5,296.67	3/4	4,931.04	3/4	4,562.33	3/4	4,193.62	3/4	3,824.90	3/4	3,456.19	3/4	3,087.48	3/4	2,718.77	3/4	2,350.06	3/4	1,981.34	3/4	1,612.88	3/4	1,244.28	3/4	875.71	3/4	506.98	3/4	140.62	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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	5,001.74	0	4,654.62	0	4,305.51	0	3,956.40	0	3,607.28	0	3,258.17	0	2,909.06	0	2,559.94	0	2,210.83	0	1,861.72	0	1,513.37	0	1,164.27	0	816.31	0	467.88	0	122.01
1/4		1/4	4,995.09	1/4	4,647.35	1/4	4,298.24	1/4	3,949.12	1/4	3,600.01	1/4	3,250.90	1/4	2,901.78	1/4	2,552.67	1/4	2,203.56	1/4	1,854.44	1/4	1,506.09	1/4	1,157.00	1/4	809.08	1/4	460.61	1/4	115.24
1/2		1/2	4,988.43	1/2	4,640.08	1/2	4,290.96	1/2	3,941.85	1/2	3,592.74	1/2	3,243.62	1/2	2,894.51	1/2	2,545.40	1/2	2,196.28	1/2	1,847.17	1/2	1,498.82	1/2	1,149.73	1/2	801.84	1/2	453.33	1/2	108.48
3/4		3/4	4,981.25	3/4	4,632.80	3/4	4,283.69	3/4	3,934.58	3/4	3,585.46	3/4	3,236.35	3/4	2,887.24	3/4	2,538.12	3/4	2,189.01	3/4	1,839.90	3/4	1,491.55	3/4	1,142.45	3/4	794.61	3/4	446.06	3/4	101.74
1		1	4,974.06	1	4,625.53	1	4,276.42	1	3,927.30	1	3,578.19	1	3,229.08	1	2,879.96	1	2,530.85	1	2,181.74	1	1,832.62	1	1,484.27	1	1,135.18	1	787.38	1	438.79	1	95.00
1/4		1/4	4,966.88	1/4	4,618.26	1/4	4,269.14	1/4	3,920.03	1/4	3,570.92	1/4	3,221.80	1/4	2,872.69	1/4	2,523.58	1/4	2,174.46	1/4	1,825.35	1/4	1,477.00	1/4	1,127.91	1/4	780.14	1/4	431.51	1/4	88.25
1/2		1/2	4,959.70	1/2	4,610.99	1/2	4,261.87	1/2	3,912.76	1/2	3,563.64	1/2	3,214.53	1/2	2,865.42	1/2	2,516.30	1/2	2,167.19	1/2	1,818.08	1/2	1,469.73	1/2	1,120.63	1/2	772.91	1/2	424.24	1/2	81.51
3/4		3/4	4,952.48	3/4	4,603.71	3/4	4,254.60	3/4	3,905.48	3/4	3,556.37	3/4	3,207.26	3/4	2,858.14	3/4	2,509.03	3/4	2,159.92	3/4	1,810.80	3/4	1,462.46	3/4	1,113.36	3/4	765.67	3/4	416.99	3/4	74.84
2		2	4,945.26	2	4,596.44	2	4,247.33	2	3,898.21	2	3,549.10	2	3,199.98	2	2,850.87	2	2,501.76	2	2,152.64	2	1,803.53	2	1,455.18	2	1,106.09	2	758.44	2	409.73	2	68.16
1/4		1/4	4,938.04	1/4	4,589.17	1/4	4,240.05	1/4	3,890.94	1/4	3,541.82	1/4	3,192.71	1/4	2,843.60	1/4	2,494.48	1/4	2,145.37	1/4	1,796.26	1/4	1,447.91	1/4	1,098.82	1/4	751.20	1/4	402.48	1/4	61.48
1/2		1/2	4,930.82	1/2	4,581.89	1/2	4,232.78	1/2	3,883.67	1/2	3,534.55	1/2	3,185.44	1/2	2,836.32	1/2	2,487.21	1/2	2,138.10	1/2	1,788.98	1/2	1,440.64	1/2	1,091.54	1/2	743.97	1/2	395.22	1/2	54.80
3/4		3/4	4,923.57	3/4	4,574.62	3/4	4,225.51	3/4	3,876.39	3/4	3,527.28	3/4	3,178.16	3/4	2,829.05	3/4	2,479.94	3/4	2,130.82	3/4	1,781.71	3/4	1,433.36	3/4	1,084.27	3/4	736.73	3/4	387.97	3/4	48.94
3		3	4,916.33	3	4,567.35	3	4,218.23	3	3,869.12	3	3,520.01	3	3,170.89	3	2,821.78	3	2,472.66	3	2,123.55	3	1,774.44	3	1,426.09	3	1,077.00	3	729.50	3	380.72	3	43.08
1/4		1/4	4,909.08	1/4	4,560.07	1/4	4,210.96	1/4	3,861.85	1/4	3,512.73	1/4	3,163.62	1/4	2,814.50	1/4	2,465.39	1/4	2,116.28	1/4	1,767.16	1/4	1,418.82	1/4	1,069.72	1/4	722.26	1/4	373.46	1/4	37.22
1/2		1/2	4,901.84	1/2	4,552.80	1/2	4,203.69	1/2	3,854.57	1/2	3,505.46	1/2	3,156.35	1/2	2,807.23	1/2	2,458.12	1/2	2,109.00	1/2	1,759.89	1/2	1,411.55	1/2	1,062.45	1/2	715.03	1/2	366.21	1/2	31.36
3/4		3/4	4,894.58	3/4	4,545.53	3/4	4,196.41	3/4	3,847.30	3/4	3,498.19	3/4	3,149.07	3/4	2,799.96	3/4	2,450.84	3/4	2,101.73	3/4	1,752.62	3/4	1,404.27	3/4	1,055.18	3/4	707.79	3/4	358.96	3/4	27.31
4		4	4,887.32	4	4,538.25	4	4,189.14	4	3,840.03	4	3,490.91	4	3,141.80	4	2,792.69	4	2,443.57	4	2,094.46	4	1,745.34	4	1,397.00	4	1,047.91	4	700.56	4	351.70	4	23.27
1/4		1/4	4,880.06	1/4	4,530.98	1/4	4,181.87	1/4	3,832.75	1/4	3,483.64	1/4	3,134.53	1/4	2,785.41	1/4	2,436.30	1/4	2,087.18	1/4	1,738.07	1/4	1,389.73	1/4	1,040.63	1/4	693.32	1/4	344.45	1/4	19.22
1/2		1/2	4,872.80	1/2	4,523.71	1/2	4,174.59	1/2	3,825.48	1/2	3,476.37	1/2	3,127.25	1/2	2,778.14	1/2	2,429.03	1/2	2,079.91	1/2	1,730.80	1/2	1,382.46	1/2	1,033.36	1/2	686.08	1/2	337.19	1/2	15.18
3/4		3/4	4,865.53	3/4	4,516.43	3/4	4,167.32	3/4	3,818.21	3/4	3,469.09	3/4	3,119.98	3/4	2,770.87	3/4	2,421.75	3/4	2,072.64	3/4	1,723.52	3/4	1,375.18	3/4	1,026.12	3/4	678.81	3/4	329.92	3/4	
5		5	4,858.26	5	4,509.16	5	4,160.05	5	3,810.93	5	3,461.82	5	3,112.71	5	2,763.59	5	2,414.48	5	2,065.37	5	1,716.25	5	1,367.91	5	1,018.89	5	671.53	5	322.65	5	
1/4		1/4	4,850.99	1/4	4,501.89	1/4	4,152.77	1/4	3,803.66	1/4	3,454.55	1/4	3,105.43	1/4	2,756.32	1/4	2,407.21	1/4	2,058.09	1/4	1,708.98	1/4	1,360.64	1/4	1,011.65	1/4	664.26	1/4	315.37	1/4	
1/2		1/2	4,843.72	1/2	4,494.61	1/2	4,145.50	1/2	3,796.39	1/2	3,447.27	1/2	3,098.16	1/2	2,749.05	1/2	2,399.93	1/2	2,050.82	1/2	1,701.71	1/2	1,353.36	1/2	1,004.41	1/2	656.99	1/2	308.10	1/2	
3/4		3/4	4,836.45	3/4	4,487.34	3/4	4,138.23	3/4	3,789.11	3/4	3,440.00	3/4	3,090.89	3/4	2,741.77	3/4	2,392.66	3/4	2,043.55	3/4	1,694.46	3/4	1,346.09	3/4	997.18	3/4	649.71	3/4	300.83	3/4	
6		6	4,829.18	6	4,480.07	6	4,130.95	6	3,781.84	6	3,432.73	6	3,083.61	6	2,734.50	6	2,385.39	6	2,036.27	6	1,687.22	6	1,338.82	6	989.94	6	642.44	6	293.55	6	
1/4		1/4	4,821.91	1/4	4,472.79	1/4	4,123.68	1/4	3,774.57	1/4	3,425.45	1/4	3,076.34	1/4	2,727.23	1/4	2,378.11	1/4	2,029.00	1/4	1,679.98	1/4	1,331.55	1/4	982.71	1/4	635.17	1/4	286.28	1/4	
1/2		1/2	4,814.63	1/2	4,465.52	1/2	4,116.41	1/2	3,767.29	1/2	3,418.18	1/2	3,069.07	1/2	2,719.95	1/2	2,370.84	1/2	2,021.73	1/2	1,672.74	1/2	1,324.27	1/2	975.47	1/2	627.89	1/2	279.01	1/2	
3/4		3/4	4,807.36	3/4	4,458.25	3/4	4,109.13	3/4	3,760.02	3/4	3,410.91	3/4	3,061.79	3/4	2,712.68	3/4	2,363.57	3/4	2,014.45	3/4	1,665.50	3/4	1,317.00	3/4	968.24	3/4	620.62	3/4	271.73	3/4	
7		7	4,800.09	7	4,450.97	7	4,101.86	7	3,752.75	7	3,403.63	7	3,054.52	7	2,705.41	7	2,356.29	7	2,007.18	7	1,658.26	7	1,309.73	7	961.00	7	613.35	7	264.46	7	
1/4		1/4	4,792.82	1/4	4,443.70	1/4	4,094.59	1/4	3,745.47	1/4	3,396.36	1/4	3,047.25	1/4	2,698.13	1/4	2,349.02	1/4	1,999.91	1/4	1,651.02	1/4	1,302.45	1/4	953.77	1/4	606.07	1/4	257.19	1/4	
1/2		1/2	4,785.54	1/2	4,436.43	1/2	4,087.31	1/2	3,738.20	1/2	3,389.09	1/2	3,039.97	1/2	2,690.86	1/2	2,341.75	1/2	1,992.63	1/2	1,643.77	1/2	1,295.18	1/2	946.53	1/2	598.80	1/2	249.91	1/2	
3/4		3/4	4,778.27	3/4	4,429.16	3/4	4,080.04	3/4	3,730.93	3/4	3,381.81	3/4	3,032.70	3/4	2,683.59	3/4	2,334.47	3/4	1,985.36	3/4	1,636.53	3/4	1,287.91	3/4	939.30	3/4	591.53	3/4	242.64	3/4	
8		8	4,771.00	8	4,421.88	8	4,072.77	8	3,723.65	8	3,374.54	8	3,025.43	8	2,676.31	8	2,327.20	8	1,978.09	8	1,629.29	8	1,280.64	8	932.06	8	584.25	8	235.37	8	
1/4		1/4	4,763.72	1/4	4,414.61	1/4	4,065.50	1/4	3,716.38	1/4	3,367.27	1/4	3,018.15	1/4	2,669.04	1/4	2,319.93	1/4	1,970.81	1/4	1,622.05	1/4	1,273.36	1/4	924.83	1/4	576.98	1/4	228.09	1/4	
1/2		1/2	4,756.45	1/2	4,407.34	1/2	4,058.22	1/2	3,709.11	1/2	3,359.99	1/2	3,010.88	1/2	2,661.77	1/2	2,312.65	1/2	1,963.54	1/2	1,614.81	1/2	1,266.09	1/2	917.60	1/2	569.71	1/2	220.82	1/2	
3/4		3/4	4,749.18	3/4	4,400.06	3/4	4,050.95	3/4	3,701.84	3/4	3,352.72	3/4	3,003.61	3/4	2,654.49	3/4	2,305.38	3/4	1,956.27	3/4	1,607.57	3/4	1,258.82	3/4	910.36	3/4	562.43	3/4	213.55	3/4	
9		9	4,741.90	9	4,392.79	9	4,043.68	9	3,694.56	9	3,345.45	9	2,996.33	9	2,647.22	9	2,298.11	9	1,948.99	9	1,600.33	9	1,251.54	9	903.13	9	555.16	9	206.27	9	
1/4		1/4	4,734.63	1/4	4,385.52	1/4	4,036.40	1/4	3,687.29	1/4	3,338.18	1/4	2,989.06	1/4	2,639.95	1/4	2,290.83	1/4	1,941.72	1/4	1,593.08	1/4	1,244.27	1/4	895.89	1/4	547.89	1/4	199.00	1/4	
1/2	5,053.86	1/2	4,727.36	1/2	4,378.24	1/2	4,029.13	1/2	3,680.02	1/2	3,330.90	1/2	2,981.79	1/2	2,632.67	1/2	2,283.56	1/2	1,934.45	1/2	1,585.84	1/2	1,237.00	1/2	888.66	1/2	540.61	1/2	191.73	1/2	
3/4	5,049.61	3/4	4,720.08	3/4	4,370.97	3/4	4,021.86	3/4	3,672.74	3/4	3,323.63	3/4	2,974.52	3/4	2,625.40	3/4	2,276.29	3/4	1,927.17	3/4	1,578.60	3/4	1,229.73	3/4	881.42	3/4	533.34	3/4	184.46	3/4	
10	5,045.37	10	4,712.81	10	4,363.70	10	4,014.58	10	3,665.47	10	3,316.36	10	2,967.24	10	2,618.13	10	2,269.01	10	1,919.90	10	1,571.36	10	1,222.45	10	874.19	10	526.07	10	177.19	10	
1/4	5,041.13	1/4	4,705.54	1/4	4,356.42	1/4	4,007.31	1/4	3,658.20	1/4	3,309.08	1/4	2,959.97	1/4	2,610.86	1/4	2,261.74	1/4	1,912.63	1/4	1,564.12	1/4	1,215.18	1/4	866.95	1/4	518.79	1/4	169.92	1/4	
1/2	5,036.88	1/2	4,698.26	1/2	4,349.15	1/2	4,000.04	1/2	3,650.92	1/2	3,301.81	1/2	2,952.70	1/2	2,603.58	1/2	2,254.47	1/2	1,905.35	1/2	1,556.88	1/2	1,207.91	1/2	859.72	1/2	511.52	1/2	162.65	1/2	
3/4	5,031.43	3/4	4,690.99	3/4	4,341.88	3/4	3,992.76	3/4	3,643.65	3/4	3,294.54	3/4	2,945.42	3/4	2,596.31	3/4	2,247.20	3/4	1,898.08	3/4	1,549.64	3/4	1,200.64	3/4	852.49	3/4	504.25	3/4	155.87	3/4	
11	5,025.97	11	4,683.72	11	4,334.60	11	3,985.49	11	3,636.38	11	3,287.26	11	2,938.15	11	2,589.04	11	2,239.92	11	1,890.81	11	1,542.39	11	1,193.36	11	845.25	11	496.97	11	149.09	11	
1/4	5,020.52	1/4	4,676.44	1/4	4,327.33	1/4	3,978.22	1/4	3,629.10	1/4	3,279.99	1/4	2,930.88	1/4	2,581.76	1/4	2,232.65	1/4	1,883.54	1/4	1,535.15	1/4	1,186.09	1/4	838.02	1/4	489.70	1/4	142.32	1/4	
1/2	5,015.06	1/2	4,669.17	1/2	4,320.06	1/2	3,970.94	1/2	3,621.83	1/2	3,272.72	1/2	2,923.60	1/2	2,574.49	1/2	2,225.38	1/2	1,876.26	1/2	1,527.91	1/2	1,178.82	1/2	830.78	1/2	482.43	1/2	135.54	1/2	
3/4	5,008.40	3/4	4,661.90	3/4	4,312.78	3/4	3,963.67	3/4	3,614.56	3/4	3,265.44	3/4	2,916.33	3/4	2,567.22	3/4	2,218.10	3/4	1,868.99	3/4	1,520.64	3/4	1,171.54	3/4	823.55	3/4	475.15	3/4	128.77	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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 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	5,028.81	0	4,679.39	0	4,328.26	0	3,977.12	0	3,625.99	0	3,274.85	0	2,923.72	0	2,572.58	0	2,221.45	0	1,870.31	0	1,519.95	0	1,168.84	0	818.00	0	466.93	0	119.30
1/4		1/4	5,022.11	1/4	4,672.07	1/4	4,320.94	1/4	3,969.81	1/4	3,618.67	1/4	3,267.54	1/4	2,916.40	1/4	2,565.27	1/4	2,214.13	1/4	1,863.00	1/4	1,512.64	1/4	1,161.52	1/4	810.70	1/4	459.61	1/4	112.50
1/2		1/2	5,015.15	1/2	4,664.76	1/2	4,313.62	1/2	3,962.49	1/2	3,611.36	1/2	3,260.22	1/2	2,909.09	1/2	2,557.95	1/2	2,206.82	1/2	1,855.68	1/2	1,505.32	1/2	1,154.21	1/2	803.39	1/2	452.29	1/2	105.71
3/4		3/4	5,007.93	3/4	4,657.44	3/4	4,306.31	3/4	3,955.18	3/4	3,604.04	3/4	3,252.91	3/4	2,901.77	3/4	2,550.64	3/4	2,199.50	3/4	1,848.37	3/4	1,498.01	3/4	1,146.89	3/4	796.08	3/4	444.98	3/4	98.93
1		1	5,000.71	1	4,650.13	1	4,298.99	1	3,947.86	1	3,596.73	1	3,245.59	1	2,894.46	1	2,543.32	1	2,192.19	1	1,841.05	1	1,490.69	1	1,139.58	1	788.78	1	437.66	1	92.15
1/4		1/4	4,993.48	1/4	4,642.81	1/4	4,291.68	1/4	3,940.54	1/4	3,589.41	1/4	3,238.28	1/4	2,887.14	1/4	2,536.01	1/4	2,184.87	1/4	1,833.74	1/4	1,483.38	1/4	1,132.26	1/4	781.47	1/4	430.35	1/4	85.37
1/2		1/2	4,986.24	1/2	4,635.50	1/2	4,284.36	1/2	3,933.23	1/2	3,582.09	1/2	3,230.96	1/2	2,879.83	1/2	2,528.69	1/2	2,177.56	1/2	1,826.42	1/2	1,476.06	1/2	1,124.95	1/2	774.16	1/2	423.04	1/2	78.62
3/4		3/4	4,978.98	3/4	4,628.18	3/4	4,277.05	3/4	3,925.91	3/4	3,574.78	3/4	3,223.65	3/4	2,872.51	3/4	2,521.38	3/4	2,170.24	3/4	1,819.11	3/4	1,468.75	3/4	1,117.63	3/4	766.85	3/4	415.75	3/4	71.90
2		2	4,971.71	2	4,620.87	2	4,269.73	2	3,918.60	2	3,567.46	2	3,216.33	2	2,865.20	2	2,514.06	2	2,162.93	2	1,811.79	2	1,461.43	2	1,110.32	2	759.54	2	408.45	2	65.19
1/4		1/4	4,964.45	1/4	4,613.55	1/4	4,262.42	1/4	3,911.28	1/4	3,560.15	1/4	3,209.01	1/4	2,857.88	1/4	2,506.75	1/4	2,155.61	1/4	1,804.48	1/4	1,454.12	1/4	1,103.00	1/4	752.24	1/4	401.16	1/4	58.47
1/2		1/2	4,957.18	1/2	4,606.24	1/2	4,255.10	1/2	3,903.97	1/2	3,552.83	1/2	3,201.70	1/2	2,850.56	1/2	2,499.43	1/2	2,148.30	1/2	1,797.16	1/2	1,446.80	1/2	1,095.69	1/2	744.93	1/2	393.86	1/2	52.16
3/4		3/4	4,949.89	3/4	4,598.92	3/4	4,247.79	3/4	3,896.65	3/4	3,545.52	3/4	3,194.38	3/4	2,843.25	3/4	2,492.12	3/4	2,140.98	3/4	1,789.85	3/4	1,439.49	3/4	1,088.38	3/4	737.61	3/4	386.57	3/4	46.27
3		3	4,942.60	3	4,591.61	3	4,240.47	3	3,889.34	3	3,538.20	3	3,187.07	3	2,835.93	3	2,484.80	3	2,133.67	3	1,782.53	3	1,432.17	3	1,081.07	3	730.30	3	379.27	3	40.38
1/4		1/4	4,935.31	1/4	4,584.29	1/4	4,233.16	1/4	3,882.02	1/4	3,530.89	1/4	3,179.75	1/4	2,828.62	1/4	2,477.48	1/4	2,126.35	1/4	1,775.22	1/4	1,424.86	1/4	1,073.76	1/4	722.98	1/4	371.98	1/4	34.49
1/2		1/2	4,928.02	1/2	4,576.98	1/2	4,225.84	1/2	3,874.71	1/2	3,523.57	1/2	3,172.44	1/2	2,821.30	1/2	2,470.17	1/2	2,119.03	1/2	1,767.90	1/2	1,417.54	1/2	1,066.45	1/2	715.67	1/2	364.68	1/2	29.51
3/4		3/4	4,920.72	3/4	4,569.66	3/4	4,218.53	3/4	3,867.39	3/4	3,516.26	3/4	3,165.12	3/4	2,813.99	3/4	2,462.85	3/4	2,111.72	3/4	1,760.59	3/4	1,410.23	3/4	1,059.14	3/4	708.35	3/4	357.39	3/4	25.44
4		4	4,913.42	4	4,562.35	4	4,211.21	4	3,860.08	4	3,508.94	4	3,157.81	4	2,806.67	4	2,455.54	4	2,104.40	4	1,753.27	4	1,402.91	4	1,051.83	4	701.04	4	350.09	4	21.37
1/4		1/4	4,906.12	1/4	4,555.03	1/4	4,203.90	1/4	3,852.76	1/4	3,501.63	1/4	3,150.49	1/4	2,799.36	1/4	2,448.22	1/4	2,097.09	1/4	1,745.95	1/4	1,395.60	1/4	1,044.52	1/4	693.72	1/4	342.80	1/4	17.30
1/2		1/2	4,898.81	1/2	4,547.71	1/2	4,196.58	1/2	3,845.45	1/2	3,494.31	1/2	3,143.18	1/2	2,792.04	1/2	2,440.91	1/2	2,089.77	1/2	1,738.66	1/2	1,388.28	1/2	1,037.21	1/2	686.40	1/2	335.49	3/8	15.26
3/4		3/4	4,891.50	3/4	4,540.40	3/4	4,189.26	3/4	3,838.13	3/4	3,487.00	3/4	3,135.86	3/4	2,784.73	3/4	2,433.59	3/4	2,082.46	3/4	1,731.37	3/4	1,380.97	3/4	1,029.91	3/4	679.09	3/4	328.17	3/4	
5		5	4,884.19	5	4,533.08	5	4,181.95	5	3,830.82	5	3,479.68	5	3,128.55	5	2,777.41	5	2,426.28	5	2,075.14	5	1,724.09	5	1,373.65	5	1,022.60	5	671.77	5	320.86	5	
1/4		1/4	4,876.88	1/4	4,525.77	1/4	4,174.63	1/4	3,823.50	1/4	3,472.37	1/4	3,121.23	1/4	2,770.10	1/4	2,418.96	1/4	2,067.83	1/4	1,716.81	1/4	1,366.34	1/4	1,015.29	1/4	664.46	1/4	313.54	1/4	
1/2		1/2	4,869.57	1/2	4,518.45	1/2	4,167.32	1/2	3,816.18	1/2	3,465.05	1/2	3,113.92	1/2	2,762.78	1/2	2,411.65	1/2	2,060.51	1/2	1,709.52	1/2	1,359.02	1/2	1,007.99	1/2	657.14	1/2	306.23	1/2	
3/4		3/4	4,862.26	3/4	4,511.14	3/4	4,160.00	3/4	3,808.87	3/4	3,457.73	3/4	3,106.60	3/4	2,755.47	3/4	2,404.33	3/4	2,053.20	3/4	1,702.24	3/4	1,351.71	3/4	1,000.68	3/4	649.82	3/4	298.91	3/4	
6		6	4,854.95	6	4,503.82	6	4,152.69	6	3,801.55	6	3,450.42	6	3,099.29	6	2,748.15	6	2,397.02	6	2,045.88	6	1,694.96	6	1,344.39	6	993.37	6	642.51	6	291.59	6	
1/4		1/4	4,847.64	1/4	4,496.51	1/4	4,145.37	1/4	3,794.24	1/4	3,443.10	1/4	3,091.97	1/4	2,740.84	1/4	2,389.70	1/4	2,038.57	1/4	1,687.67	1/4	1,337.08	1/4	986.07	1/4	635.19	1/4	284.28	1/4	
1/2		1/2	4,840.33	1/2	4,489.19	1/2	4,138.06	1/2	3,786.92	1/2	3,435.79	1/2	3,084.65	1/2	2,733.52	1/2	2,382.39	1/2	2,031.25	1/2	1,680.39	1/2	1,329.76	1/2	978.76	1/2	627.88	1/2	276.96	1/2	
3/4		3/4	4,833.01	3/4	4,481.88	3/4	4,130.74	3/4	3,779.61	3/4	3,428.47	3/4	3,077.34	3/4	2,726.20	3/4	2,375.07	3/4	2,023.94	3/4	1,673.11	3/4	1,322.45	3/4	971.45	3/4	620.56	3/4	269.65	3/4	
7		7	4,825.70	7	4,474.56	7	4,123.43	7	3,772.29	7	3,421.16	7	3,070.02	7	2,718.89	7	2,367.76	7	2,016.62	7	1,665.82	7	1,315.13	7	964.14	7	613.24	7	262.33	7	
1/4		1/4	4,818.38	1/4	4,467.25	1/4	4,116.11	1/4	3,764.98	1/4	3,413.84	1/4	3,062.71	1/4	2,711.57	1/4	2,360.44	1/4	2,009.31	1/4	1,658.54	1/4	1,307.82	1/4	956.84	1/4	605.93	1/4	255.01	1/4	
1/2		1/2	4,811.07	1/2	4,459.93	1/2	4,108.80	1/2	3,757.66	1/2	3,406.53	1/2	3,055.39	1/2	2,704.26	1/2	2,353.12	1/2	2,001.99	1/2	1,651.26	1/2	1,300.50	1/2	949.53	1/2	598.61	1/2	247.70	1/2	
3/4		3/4	4,803.75	3/4	4,452.62	3/4	4,101.48	3/4	3,750.35	3/4	3,399.21	3/4	3,048.08	3/4	2,696.94	3/4	2,345.81	3/4	1,994.67	3/4	1,643.97	3/4	1,293.19	3/4	942.22	3/4	591.30	3/4	240.38	3/4	
8		8	4,796.43	8	4,445.30	8	4,094.17	8	3,743.03	8	3,391.90	8	3,040.76	8	2,689.63	8	2,338.49	8	1,987.36	8	1,636.69	8	1,285.87	8	934.92	8	583.98	8	233.07	8	
1/4		1/4	4,789.12	1/4	4,437.98	1/4	4,086.85	1/4	3,735.72	1/4	3,384.58	1/4	3,033.45	1/4	2,682.31	1/4	2,331.18	1/4	1,980.04	1/4	1,629.41	1/4	1,278.56	1/4	927.61	1/4	576.66	1/4	225.75	1/4	
1/2		1/2	4,781.80	1/2	4,430.67	1/2	4,079.54	1/2	3,728.40	1/2	3,377.27	1/2	3,026.13	1/2	2,675.00	1/2	2,323.86	1/2	1,972.73	1/2	1,622.12	1/2	1,271.25	1/2	920.30	1/2	569.35	1/2	218.44	1/2	
3/4		3/4	4,774.49	3/4	4,423.35	3/4	4,072.22	3/4	3,721.09	3/4	3,369.95	3/4	3,018.82	3/4	2,667.68	3/4	2,316.55	3/4	1,965.41	3/4	1,614.84	3/4	1,263.93	3/4	913.00	3/4	562.03	3/4	211.12	3/4	
9		9	4,767.17	9	4,416.04	9	4,064.90	9	3,713.77	9	3,362.64	9	3,011.50	9	2,660.37	9	2,309.23	9	1,958.10	9	1,607.56	9	1,256.62	9	905.69	9	554.72	9	203.81	9	
3/8	5,084.57	1/4	4,759.86	1/4	4,408.72	1/4	4,057.59	1/4	3,706.45	1/4	3,355.32	1/4	3,004.19	1/4	2,653.05	1/4	2,301.92	1/4	1,950.78	1/4	1,600.27	1/4	1,249.30	1/4	898.38	1/4	547.40	1/4	196.49	1/4	
1/2	5,082.43	1/2	4,752.54	1/2	4,401.41	1/2	4,050.27	1/2	3,699.14	1/2	3,348.01	1/2	2,996.87	1/2	2,645.74	1/2	2,294.60	1/2	1,943.47	1/2	1,592.99	1/2	1,241.99	1/2	891.07	1/2	540.09	1/2	189.18	1/2	
3/4	5,078.17	3/4	4,745.23	3/4	4,394.09	3/4	4,042.96	3/4	3,691.82	3/4	3,340.69	3/4	2,989.56	3/4	2,638.42	3/4	2,287.29	3/4	1,936.15	3/4	1,585.71	3/4	1,234.67	3/4	883.77	3/4	532.77	3/4	181.87	3/4	
10	5,073.90	10	4,737.91	10	4,386.78	10	4,035.64	10	3,684.51	10	3,333.37	10	2,982.24	10	2,631.11	10	2,279.97	10	1,928.84	10	1,578.42	10	1,227.36	10	876.46	10	525.45	10	174.56	10	
1/4	5,069.63	1/4	4,730.60	1/4	4,379.46	1/4	4,028.33	1/4	3,677.19	1/4	3,326.06	1/4	2,974.92	1/4	2,623.79	1/4	2,272.66	1/4	1,921.52	1/4	1,571.14	1/4	1,220.04	1/4	869.15	1/4	518.14	1/4	167.24	1/4	
1/2	5,064.75	1/2	4,723.28	1/2	4,372.15	1/2	4,021.01	1/2	3,669.88	1/2	3,318.74	1/2	2,967.61	1/2	2,616.48	1/2	2,265.34	1/2	1,914.21	1/2	1,563.84	1/2	1,212.73	1/2	861.85	1/2	510.82	1/2	160.18	1/2	
3/4	5,059.27	3/4	4,715.97	3/4	4,364.83	3/4	4,013.70	3/4	3,662.56	3/4	3,311.43	3/4	2,960.29	3/4	2,609.16	3/4	2,258.03	3/4	1,906.89	3/4	1,556.53	3/4	1,205.41	3/4	854.54	3/4	503.51	3/4	153.36	3/4	
11	5,053.78	11	4,708.65	11	4,357.52	11	4,006.38	11	3,655.25	11	3,304.11	11	2,952.98	11	2,601.84	11	2,250.71	11	1,899.58	11	1,549.21	11	1,198.10	11	847.23	11	496.19	11	146.54	11	
1/4	5,048.30	1/4	4,701.34	1/4	4,350.20	1/4	3,999.07	1/4	3,647.93	1/4	3,296.80	1/4	2,945.66	1/4	2,594.53	1/4	2,243.39	1/4	1,892.26	1/4	1,541.90	1/4	1,190.78	1/4	839.93	1/4	488.87	1/4	139.72	1/4	
1/2	5,042.20	1/2	4,694.02	1/2	4,342.89	1/2	3,991.75	1/2	3,640.62	1/2	3,289.48	1/2	2,938.35	1/2	2,587.21	1/2	2,236.08	1/2	1,884.95	1/2	1,534.58	1/2	1,183.47	1/2	832.62	1/2	481.56	1/2	132.91	1/2	
3/4	5,035.51	3/4	4,686.71	3/4	4,335.57	3/4	3,984.44	3/4	3,633.30	3/4	3,282.17	3/4	2,931.03	3/4	2,579.90	3/4	2,228.76	3/4	1,877.63	3/4	1,527.27	3/4	1,176.15	3/4	825.31	3/4	474.24	3/4	126.11	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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	4,079.86	0	3,925.13	0	3,763.53	0	3,601.94	0	3,440.34	0	3,208.12	0	2,858.20	0	2,508.35	0	2,158.55	0	1,808.87	0	1,459.70	0	1,110.08	0	760.43	0	410.73	0	63.33
1/4		1/4	4,078.31	1/4	3,921.76	1/4	3,760.17	1/4	3,598.57	1/4	3,436.97	1/4	3,200.83	1/4	2,850.91	1/4	2,501.06	1/4	2,151.26	1/4	1,801.59	1/4	1,452.43	1/4	1,102.79	1/4	753.15	1/4	403.44	1/4	57.14
1/2		1/2	4,076.77	1/2	3,918.40	1/2	3,756.80	1/2	3,595.20	1/2	3,433.61	1/2	3,193.54	1/2	2,843.62	1/2	2,493.77	1/2	2,143.98	1/2	1,794.31	1/2	1,445.17	1/2	1,095.50	1/2	745.87	1/2	396.15	1/2	50.95
3/4		3/4	4,074.02	3/4	3,915.03	3/4	3,753.43	3/4	3,591.84	3/4	3,430.24	3/4	3,186.25	3/4	2,836.33	3/4	2,486.48	3/4	2,136.69	3/4	1,787.02	3/4	1,437.91	3/4	1,088.22	3/4	738.59	3/4	388.86	3/4	46.01
1		1	4,071.27	1	3,911.66	1	3,750.07	1	3,588.47	1	3,426.87	1	3,178.96	1	2,829.05	1	2,479.19	1	2,129.40	1	1,779.74	1	1,430.65	1	1,080.93	1	731.31	1	381.57	1	41.06
1/4		1/4	4,068.52	1/4	3,908.30	1/4	3,746.70	1/4	3,585.10	1/4	3,423.51	1/4	3,171.67	1/4	2,821.76	1/4	2,471.91	1/4	2,122.12	1/4	1,772.46	1/4	1,423.39	1/4	1,073.64	1/4	724.02	1/4	374.28	1/4	36.12
1/2		1/2	4,065.77	1/2	3,904.93	1/2	3,743.33	1/2	3,581.74	1/2	3,420.14	1/2	3,164.38	1/2	2,814.47	1/2	2,464.62	1/2	2,114.83	1/2	1,765.18	1/2	1,416.13	1/2	1,066.36	1/2	716.74	1/2	366.99	1/2	31.18
3/4		3/4	4,062.49	3/4	3,901.56	3/4	3,739.97	3/4	3,578.37	3/4	3,416.77	3/4	3,157.09	3/4	2,807.18	3/4	2,457.33	3/4	2,107.54	3/4	1,757.90	3/4	1,408.84	3/4	1,059.07	3/4	709.46	3/4	359.70	3/4	27.48
2		2	4,059.22	2	3,898.20	2	3,736.60	2	3,575.00	2	3,413.41	2	3,149.80	2	2,799.89	2	2,450.04	2	2,100.26	2	1,750.61	2	1,401.55	2	1,051.78	2	702.18	2	352.41	2	23.77
1/4		1/4	4,055.94	1/4	3,894.83	1/4	3,733.23	1/4	3,571.64	1/4	3,410.04	1/4	3,142.51	1/4	2,792.60	1/4	2,442.75	1/4	2,092.97	1/4	1,743.33	1/4	1,394.26	1/4	1,044.50	1/4	694.90	1/4	345.12	1/4	20.07
1/2		1/2	4,052.67	1/2	3,891.46	1/2	3,729.87	1/2	3,568.27	1/2	3,406.67	1/2	3,135.22	1/2	2,785.31	1/2	2,435.47	1/2	2,085.68	1/2	1,736.05	1/2	1,386.98	1/2	1,037.21	1/2	687.62	1/2	337.84	1/2	16.36
3/4		3/4	4,049.35	3/4	3,888.10	3/4	3,726.50	3/4	3,564.90	3/4	3,403.31	3/4	3,127.93	3/4	2,778.03	3/4	2,428.18	3/4	2,078.40	3/4	1,728.77	3/4	1,379.69	3/4	1,029.92	3/4	680.34	3/4	330.57	3/4	13.92
3		3	4,046.04	3	3,884.73	3	3,723.13	3	3,561.54	3	3,399.94	3	3,120.64	3	2,770.74	3	2,420.89	3	2,071.11	3	1,721.48	3	1,372.40	3	1,022.64	3	673.06	3	323.30	3	11.47
1/4		1/4	4,042.72	1/4	3,881.37	1/4	3,719.77	1/4	3,558.17	1/4	3,396.57	1/4	3,113.35	1/4	2,763.45	1/4	2,413.60	1/4	2,063.82	1/4	1,714.20	1/4	1,365.12	1/4	1,015.35	1/4	665.77	1/4	316.03	1/4	9.02
1/2		1/2	4,039.41	1/2	3,878.00	1/2	3,716.40	1/2	3,554.80	1/2	3,393.21	1/2	3,106.06	1/2	2,756.16	1/2	2,406.31	1/2	2,056.54	1/2	1,706.92	1/2	1,357.83	1/2	1,008.07	1/2	658.49	1/2	308.76	1/2	6.57
3/4		3/4	4,036.07	3/4	3,874.63	3/4	3,713.04	3/4	3,551.44	3/4	3,389.84	3/4	3,098.77	3/4	2,748.87	3/4	2,399.02	3/4	2,049.25	3/4	1,699.64	3/4	1,350.54	3/4	1,000.78	3/4	651.21	3/4	301.50	3/4	
4		4	4,032.73	4	3,871.27	4	3,709.67	4	3,548.07	4	3,386.47	4	3,091.48	4	2,741.58	4	2,391.74	4	2,041.96	4	1,692.36	4	1,343.25	4	993.49	4	643.93	4	294.23	4	
1/4		1/4	4,029.39	1/4	3,867.90	1/4	3,706.30	1/4	3,544.71	1/4	3,383.11	1/4	3,084.19	1/4	2,734.29	1/4	2,384.45	1/4	2,034.68	1/4	1,685.07	1/4	1,335.97	1/4	986.21	1/4	636.65	1/4	286.96	1/4	
1/2		1/2	4,026.05	1/2	3,864.53	1/2	3,702.94	1/2	3,541.34	1/2	3,379.74	1/2	3,076.90	1/2	2,727.00	1/2	2,377.16	1/2	2,027.39	1/2	1,677.79	1/2	1,328.68	1/2	978.92	1/2	629.36	1/2	279.69	1/2	
3/4		3/4	4,022.70	3/4	3,861.17	3/4	3,699.57	3/4	3,537.97	3/4	3,376.38	3/4	3,069.61	3/4	2,719.72	3/4	2,369.87	3/4	2,020.10	3/4	1,670.51	3/4	1,321.39	3/4	971.63	3/4	622.08	3/4	272.42	3/4	
5		5	4,019.35	5	3,857.80	5	3,696.20	5	3,534.61	5	3,373.01	5	3,062.32	5	2,712.43	5	2,362.58	5	2,012.82	5	1,663.23	5	1,314.11	5	964.35	5	614.80	5	265.16	5	
1/4		1/4	4,015.99	1/4	3,854.43	1/4	3,692.84	1/4	3,531.24	1/4	3,369.64	1/4	3,055.03	1/4	2,705.14	1/4	2,355.30	1/4	2,005.53	1/4	1,655.95	1/4	1,306.82	1/4	957.06	1/4	607.51	1/4	257.89	1/4	
1/2		1/2	4,012.64	1/2	3,851.07	1/2	3,689.47	1/2	3,527.87	1/2	3,366.28	1/2	3,047.74	1/2	2,697.85	1/2	2,348.01	1/2	1,998.24	1/2	1,648.66	1/2	1,299.53	1/2	949.77	1/2	600.23	1/2	250.62	1/2	
3/4		3/4	4,009.28	3/4	3,847.70	3/4	3,686.10	3/4	3,524.51	3/4	3,362.91	3/4	3,040.45	3/4	2,690.56	3/4	2,340.72	3/4	1,990.96	3/4	1,641.38	3/4	1,292.25	3/4	942.49	3/4	592.94	3/4	243.33	3/4	
6		6	4,005.92	6	3,844.33	6	3,682.74	6	3,521.14	6	3,359.54	6	3,033.16	6	2,683.27	6	2,333.43	6	1,983.67	6	1,634.10	6	1,284.96	6	935.20	6	585.66	6	236.04	6	
1/4		1/4	4,002.55	1/4	3,840.97	1/4	3,679.37	1/4	3,517.77	1/4	3,356.18	1/4	3,025.87	1/4	2,675.98	1/4	2,326.15	1/4	1,976.38	1/4	1,626.82	1/4	1,277.67	1/4	927.92	1/4	578.37	1/4	228.75	1/4	
1/2		1/2	3,999.19	1/2	3,837.60	1/2	3,676.00	1/2	3,514.41	1/2	3,352.81	1/2	3,018.58	1/2	2,668.70	1/2	2,318.86	1/2	1,969.10	1/2	1,619.53	1/2	1,270.39	1/2	920.64	1/2	571.08	1/2	221.46	1/2	
3/4		3/4	3,995.83	3/4	3,834.23	3/4	3,672.64	3/4	3,511.04	3/4	3,349.44	3/4	3,011.29	3/4	2,661.41	3/4	2,311.57	3/4	1,961.81	3/4	1,612.25	3/4	1,263.10	3/4	913.35	3/4	563.79	3/4	214.17	3/4	
7		7	3,992.46	7	3,830.87	7	3,669.27	7	3,507.67	7	3,346.08	7	3,004.00	7	2,654.12	7	2,304.28	7	1,954.52	7	1,604.97	7	1,255.81	7	906.07	7	556.51	7	206.89	7	
1/4		1/4	3,989.10	1/4	3,827.50	1/4	3,665.90	1/4	3,504.31	1/4	3,342.71	1/4	2,996.71	1/4	2,646.83	1/4	2,297.00	1/4	1,947.24	1/4	1,597.69	1/4	1,248.53	1/4	898.79	1/4	549.22	1/4	199.60	1/4	
1/2		1/2	3,985.73	1/2	3,824.13	1/2	3,662.54	1/2	3,500.94	1/2	3,339.34	1/2	2,989.42	1/2	2,639.54	1/2	2,289.71	1/2	1,939.95	1/2	1,590.41	1/2	1,241.24	1/2	891.50	1/2	541.93	1/2	192.31	1/2	
3/4		3/4	3,982.36	3/4	3,820.77	3/4	3,659.17	3/4	3,497.57	3/4	3,332.05	3/4	2,982.13	3/4	2,632.25	3/4	2,282.42	3/4	1,932.67	3/4	1,583.14	3/4	1,233.95	3/4	884.22	3/4	534.64	3/4	185.02	3/4	
8		8	3,979.00	8	3,817.40	8	3,655.80	8	3,494.21	8	3,324.76	8	2,974.84	8	2,624.96	8	2,275.13	8	1,925.39	8	1,575.88	8	1,226.67	8	876.93	8	527.35	8	177.73	8	
1/4		1/4	3,975.63	1/4	3,814.03	1/4	3,652.44	1/4	3,490.84	1/4	3,317.47	1/4	2,967.55	1/4	2,617.68	1/4	2,267.85	1/4	1,918.10	1/4	1,568.62	1/4	1,219.38	1/4	869.65	1/4	520.06	1/4	170.44	1/4	
1/2		1/2	3,972.26	1/2	3,810.67	1/2	3,649.07	1/2	3,487.47	1/2	3,310.18	1/2	2,960.26	1/2	2,610.39	1/2	2,260.56	1/2	1,910.82	1/2	1,561.36	1/2	1,212.09	1/2	862.37	1/2	512.77	1/2	163.15	1/2	
3/4		3/4	3,968.90	3/4	3,807.30	3/4	3,645.70	3/4	3,484.11	3/4	3,302.89	3/4	2,952.97	3/4	2,603.10	3/4	2,253.27	3/4	1,903.54	3/4	1,554.10	3/4	1,204.81	3/4	855.09	3/4	505.48	3/4	155.86	3/4	
9		9	3,965.53	9	3,803.93	9	3,642.34	9	3,480.74	9	3,295.60	9	2,945.68	9	2,595.81	9	2,245.99	9	1,896.26	9	1,546.84	9	1,197.52	9	847.80	9	498.19	9	148.57	9	
1/4		1/4	3,962.16	1/4	3,800.57	1/4	3,638.97	1/4	3,477.37	1/4	3,288.31	1/4	2,938.39	1/4	2,588.52	1/4	2,238.70	1/4	1,888.98	1/4	1,539.58	1/4	1,190.23	1/4	840.52	1/4	490.90	1/4	141.28	1/4	
1/2		1/2	3,958.80	1/2	3,797.20	1/2	3,635.60	1/2	3,474.01	1/2	3,281.02	1/2	2,931.10	1/2	2,581.23	1/2	2,231.41	1/2	1,881.69	1/2	1,532.31	1/2	1,182.95	1/2	833.24	1/2	483.62	1/2	134.00	1/2	
3/4		3/4	3,955.43	3/4	3,793.83	3/4	3,632.24	3/4	3,470.64	3/4	3,273.73	3/4	2,923.81	3/4	2,573.94	3/4	2,224.13	3/4	1,874.41	3/4	1,525.05	3/4	1,175.66	3/4	825.96	3/4	476.33	3/4	126.71	3/4	
10		10	3,952.06	10	3,790.47	10	3,628.87	10	3,467.27	10	3,266.44	10	2,916.52	10	2,566.66	10	2,216.84	10	1,867.13	10	1,517.79	10	1,168.37	10	818.68	10	469.04	10	119.42	10	
1/4		1/4	3,948.70	1/4	3,787.10	1/4	3,625.50	1/4	3,463.91	1/4	3,259.15	1/4	2,909.23	1/4	2,559.37	1/4	2,209.56	1/4	1,859.85	1/4	1,510.53	1/4	1,161.08	1/4	811.40	1/4	461.75	1/4	112.13	1/4	
1/2	4,084.26	1/2	3,945.33	1/2	3,783.73	1/2	3,622.14	1/2	3,460.54	1/2	3,251.86	1/2	2,901.94	1/2	2,552.08	1/2	2,202.27	1/2	1,852.56	1/2	1,503.27	1/2	1,153.80	1/2	804.12	1/2	454.46	1/2	104.84	1/2	
3/4	4,083.93	3/4	3,941.96	3/4	3,780.37	3/4	3,618.77	3/4	3,457.17	3/4	3,244.57	3/4	2,894.65	3/4	2,544.79	3/4	2,194.98	3/4	1,845.28	3/4	1,496.01	3/4	1,146.51	3/4	796.84	3/4	447.17	3/4	97.56	3/4	
11	4,083.60	11	3,938.60	11	3,777.00	11	3,615.40	11	3,453.81	11	3,237.28	11	2,887.36	11	2,537.50	11	2,187.70	11	1,838.00	11	1,488.74	11	1,139.22	11	789.56	11	439.88	11	90.27	11	
1/4	4,083.28	1/4	3,935.23	1/4	3,773.63	1/4	3,612.04	1/4	3,450.44	1/4	3,229.99	1/4	2,880.07	1/4	2,530.21	1/4	2,180.41	1/4	1,830.72	1/4	1,481.48	1/4	1,131.94	1/4	782.27	1/4	432.59	1/4	82.99	1/4	
1/2	4,082.95	1/2	3,931.86	1/2	3,770.27	1/2	3,608.67	1/2	3,447.07	1/2	3,222.70	1/2	2,872.78	1/2	2,522.92	1/2	2,173.12	1/2	1,823.44	1/2	1,474.22	1/2	1,124.65	1/2	774.99	1/2	425.30	1/2	75.70	1/2	
3/4	4,081.40	3/4	3,928.50	3/4	3,766.90	3/4	3,605.30	3/4	3,443.71	3/4	3,215.41	3/4	2,865.49	3/4	2,515.64	3/4	2,165.84	3/4	1,816.15	3/4	1,466.96	3/4	1,117.36	3/4	767.71	3/4	418.01	3/4	69.52	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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	4,079.92	0	3,923.53	0	3,762.10	0	3,600.67	0	3,439.24	0	3,203.04	0	2,852.73	0	2,502.42	0	2,152.17	0	1,802.00	0	1,452.38	0	1,102.24	0	753.51	0	403.81	0	57.04
1/4		1/4	4,078.38	1/4	3,920.16	1/4	3,758.73	1/4	3,597.30	1/4	3,435.88	1/4	3,195.74	1/4	2,845.43	1/4	2,495.12	1/4	2,144.88	1/4	1,794.71	1/4	1,445.11	1/4	1,094.94	1/4	746.26	1/4	396.51	1/4	50.84
1/2		1/2	4,075.64	1/2	3,916.80	1/2	3,755.37	1/2	3,593.94	1/2	3,432.51	1/2	3,188.45	1/2	2,838.13	1/2	2,487.82	1/2	2,137.58	1/2	1,787.41	1/2	1,437.82	1/2	1,087.65	1/2	739.01	1/2	389.21	1/2	45.90
3/4		3/4	4,072.89	3/4	3,913.44	3/4	3,752.01	3/4	3,590.58	3/4	3,429.15	3/4	3,181.15	3/4	2,830.83	3/4	2,480.52	3/4	2,130.29	3/4	1,780.11	3/4	1,430.52	3/4	1,080.35	3/4	731.75	3/4	381.91	3/4	40.96
1		1	4,070.14	1	3,910.07	1	3,748.64	1	3,587.21	1	3,425.79	1	3,173.85	1	2,823.54	1	2,473.22	1	2,122.99	1	1,772.82	1	1,423.23	1	1,073.06	1	724.50	1	374.61	1	36.01
1/4		1/4	4,067.39	1/4	3,906.71	1/4	3,745.28	1/4	3,583.85	1/4	3,422.42	1/4	3,166.55	1/4	2,816.24	1/4	2,465.92	1/4	2,115.70	1/4	1,765.52	1/4	1,415.93	1/4	1,065.76	1/4	717.25	1/4	367.32	1/4	31.07
1/2		1/2	4,064.12	1/2	3,903.35	1/2	3,741.92	1/2	3,580.49	1/2	3,419.06	1/2	3,159.25	1/2	2,808.94	1/2	2,458.63	1/2	2,108.40	1/2	1,758.23	1/2	1,408.64	1/2	1,058.47	1/2	709.99	1/2	360.02	1/2	27.36
3/4		3/4	4,060.85	3/4	3,899.98	3/4	3,738.55	3/4	3,577.13	3/4	3,415.70	3/4	3,151.96	3/4	2,801.64	3/4	2,451.33	3/4	2,101.11	3/4	1,750.93	3/4	1,401.34	3/4	1,051.17	3/4	702.74	3/4	352.72	3/4	23.66
2		2	4,057.58	2	3,896.62	2	3,735.19	2	3,573.76	2	3,412.33	2	3,144.66	2	2,794.34	2	2,444.03	2	2,093.81	2	1,743.64	2	1,394.05	2	1,043.88	2	695.49	2	345.42	2	19.96
1/4		1/4	4,054.31	1/4	3,893.26	1/4	3,731.83	1/4	3,570.40	1/4	3,408.97	1/4	3,137.36	1/4	2,787.05	1/4	2,436.73	1/4	2,086.52	1/4	1,736.34	1/4	1,386.75	1/4	1,036.58	1/4	688.24	1/4	338.12	1/4	16.26
1/2		1/2	4,051.00	1/2	3,889.89	1/2	3,728.47	1/2	3,567.04	1/2	3,405.61	1/2	3,130.06	1/2	2,779.75	1/2	2,429.43	1/2	2,079.22	1/2	1,729.05	1/2	1,379.46	1/2	1,029.29	1/2	680.98	1/2	330.84	1/2	13.81
3/4		3/4	4,047.69	3/4	3,886.53	3/4	3,725.10	3/4	3,563.67	3/4	3,402.24	3/4	3,122.76	3/4	2,772.45	3/4	2,422.14	3/4	2,071.93	3/4	1,721.75	3/4	1,372.16	3/4	1,021.99	3/4	673.73	3/4	323.56	3/4	11.37
3		3	4,044.38	3	3,883.17	3	3,721.74	3	3,560.31	3	3,398.88	3	3,115.46	3	2,765.15	3	2,414.84	3	2,064.63	3	1,714.46	3	1,364.87	3	1,014.70	3	666.47	3	316.28	3	8.92
1/4		1/4	4,041.07	1/4	3,879.80	1/4	3,718.38	1/4	3,556.95	1/4	3,395.52	1/4	3,108.17	1/4	2,757.85	1/4	2,407.54	1/4	2,057.34	1/4	1,707.16	1/4	1,357.57	1/4	1,007.40	1/4	659.22	1/4	309.00	1/4	6.48
1/2		1/2	4,037.73	1/2	3,876.44	1/2	3,715.01	1/2	3,553.58	1/2	3,392.16	1/2	3,100.87	1/2	2,750.55	1/2	2,400.24	1/2	2,050.04	1/2	1,699.87	1/2	1,350.27	1/2	1,000.15	1/2	651.92	1/2	301.73	1/2	
3/4		3/4	4,034.40	3/4	3,873.08	3/4	3,711.65	3/4	3,550.22	3/4	3,388.79	3/4	3,093.57	3/4	2,743.26	3/4	2,392.94	3/4	2,042.75	3/4	1,692.57	3/4	1,342.98	3/4	992.89	3/4	644.63	3/4	294.45	3/4	
4		4	4,031.06	4	3,869.72	4	3,708.29	4	3,546.86	4	3,385.43	4	3,086.27	4	2,735.96	4	2,385.65	4	2,035.45	4	1,685.28	4	1,335.68	4	985.64	4	637.33	4	287.17	4	
1/4		1/4	4,027.73	1/4	3,866.35	1/4	3,704.92	1/4	3,543.49	1/4	3,382.07	1/4	3,078.97	1/4	2,728.66	1/4	2,378.35	1/4	2,028.15	1/4	1,677.98	1/4	1,328.39	1/4	978.38	1/4	630.04	1/4	279.89	1/4	
1/2		1/2	4,024.38	1/2	3,862.99	1/2	3,701.56	1/2	3,540.13	1/2	3,378.70	1/2	3,071.68	1/2	2,721.36	1/2	2,371.05	1/2	2,020.86	1/2	1,670.68	1/2	1,321.09	1/2	971.13	1/2	622.74	1/2	272.61	1/2	
3/4		3/4	4,021.03	3/4	3,859.63	3/4	3,698.20	3/4	3,536.77	3/4	3,375.34	3/4	3,064.38	3/4	2,714.06	3/4	2,363.75	3/4	2,013.56	3/4	1,663.39	3/4	1,313.80	3/4	963.87	3/4	615.45	3/4	265.33	3/4	
5		5	4,017.68	5	3,856.26	5	3,694.83	5	3,533.41	5	3,371.98	5	3,057.08	5	2,706.77	5	2,356.46	5	2,006.27	5	1,656.09	5	1,306.50	5	956.62	5	608.15	5	258.05	5	
1/4		1/4	4,014.33	1/4	3,852.90	1/4	3,691.47	1/4	3,530.04	1/4	3,368.61	1/4	3,049.78	1/4	2,699.47	1/4	2,349.16	1/4	1,998.97	1/4	1,648.80	1/4	1,299.21	1/4	949.36	1/4	600.86	1/4	250.77	1/4	
1/2		1/2	4,010.97	1/2	3,849.54	1/2	3,688.11	1/2	3,526.68	1/2	3,365.25	1/2	3,042.48	1/2	2,692.17	1/2	2,341.86	1/2	1,991.68	1/2	1,641.50	1/2	1,291.91	1/2	942.11	1/2	593.56	1/2	243.47	1/2	
3/4		3/4	4,007.61	3/4	3,846.17	3/4	3,684.74	3/4	3,523.32	3/4	3,361.89	3/4	3,035.18	3/4	2,684.87	3/4	2,334.56	3/4	1,984.38	3/4	1,634.21	3/4	1,284.62	3/4	934.85	3/4	586.26	3/4	236.18	3/4	
6		6	4,004.25	6	3,842.81	6	3,681.38	6	3,519.95	6	3,358.52	6	3,027.89	6	2,677.57	6	2,327.26	6	1,977.09	6	1,626.91	6	1,277.32	6	927.60	6	578.97	6	228.88	6	
1/4		1/4	4,000.89	1/4	3,839.45	1/4	3,678.02	1/4	3,516.59	1/4	3,355.16	1/4	3,020.59	1/4	2,670.27	1/4	2,319.97	1/4	1,969.79	1/4	1,619.62	1/4	1,270.03	1/4	920.34	1/4	571.67	1/4	221.58	1/4	
1/2		1/2	3,997.53	1/2	3,836.08	1/2	3,674.66	1/2	3,513.23	1/2	3,351.80	1/2	3,013.29	1/2	2,662.98	1/2	2,312.67	1/2	1,962.50	1/2	1,612.35	1/2	1,262.73	1/2	913.09	1/2	564.37	1/2	214.28	1/2	
3/4		3/4	3,994.16	3/4	3,832.72	3/4	3,671.29	3/4	3,509.86	3/4	3,348.43	3/4	3,005.99	3/4	2,655.68	3/4	2,305.38	3/4	1,955.20	3/4	1,605.08	3/4	1,255.44	3/4	905.83	3/4	557.08	3/4	206.98	3/4	
7		7	3,990.79	7	3,829.36	7	3,667.93	7	3,506.50	7	3,345.07	7	2,998.69	7	2,648.38	7	2,298.08	7	1,947.91	7	1,597.80	7	1,248.14	7	898.58	7	549.78	7	199.68	7	
1/4		1/4	3,987.42	1/4	3,826.00	1/4	3,664.57	1/4	3,503.14	1/4	3,341.71	1/4	2,991.40	1/4	2,641.08	1/4	2,290.79	1/4	1,940.61	1/4	1,590.53	1/4	1,240.85	1/4	891.32	1/4	542.48	1/4	192.38	1/4	
1/2		1/2	3,984.06	1/2	3,822.63	1/2	3,661.20	1/2	3,499.77	1/2	3,334.41	1/2	2,984.10	1/2	2,633.78	1/2	2,283.49	1/2	1,933.32	1/2	1,583.26	1/2	1,233.55	1/2	884.07	1/2	535.18	1/2	185.09	1/2	
3/4		3/4	3,980.70	3/4	3,819.27	3/4	3,657.84	3/4	3,496.41	3/4	3,327.11	3/4	2,976.80	3/4	2,626.49	3/4	2,276.19	3/4	1,926.02	3/4	1,575.99	3/4	1,226.26	3/4	876.82	3/4	527.88	3/4	177.79	3/4	
8		8	3,977.33	8	3,815.91	8	3,654.48	8	3,493.05	8	3,319.81	8	2,969.50	8	2,619.19	8	2,268.90	8	1,918.73	8	1,568.72	8	1,218.96	8	869.56	8	520.59	8	170.49	8	
1/4		1/4	3,973.97	1/4	3,812.54	1/4	3,651.11	1/4	3,489.69	1/4	3,312.52	1/4	2,962.20	1/4	2,611.89	1/4	2,261.60	1/4	1,911.43	1/4	1,561.45	1/4	1,211.67	1/4	862.31	1/4	513.29	1/4	163.19	1/4	
1/2		1/2	3,970.61	1/2	3,809.18	1/2	3,647.75	1/2	3,486.32	1/2	3,305.22	1/2	2,954.90	1/2	2,604.59	1/2	2,254.31	1/2	1,904.13	1/2	1,554.18	1/2	1,204.37	1/2	855.06	1/2	505.99	1/2	155.89	1/2	
3/4		3/4	3,967.25	3/4	3,805.82	3/4	3,644.39	3/4	3,482.96	3/4	3,297.92	3/4	2,947.61	3/4	2,597.29	3/4	2,247.01	3/4	1,896.84	3/4	1,546.91	3/4	1,197.08	3/4	847.80	3/4	498.69	3/4	148.59	3/4	
9		9	3,963.88	9	3,802.45	9	3,641.02	9	3,479.60	9	3,290.62	9	2,940.31	9	2,589.99	9	2,239.72	9	1,889.54	9	1,539.64	9	1,189.78	9	840.55	9	491.39	9	141.29	9	
1/4		1/4	3,960.52	1/4	3,799.09	1/4	3,637.66	1/4	3,476.23	1/4	3,283.32	1/4	2,933.01	1/4	2,582.70	1/4	2,232.42	1/4	1,882.25	1/4	1,532.36	1/4	1,182.49	1/4	833.30	1/4	484.09	1/4	134.00	1/4	
1/2		1/2	3,957.16	1/2	3,795.73	1/2	3,634.30	1/2	3,472.87	1/2	3,276.02	1/2	2,925.71	1/2	2,575.40	1/2	2,225.13	1/2	1,874.95	1/2	1,525.09	1/2	1,175.19	1/2	826.04	1/2	476.79	1/2	126.70	1/2	
3/4		3/4	3,953.79	3/4	3,792.36	3/4	3,630.94	3/4	3,469.51	3/4	3,268.73	3/4	2,918.41	3/4	2,568.10	3/4	2,217.83	3/4	1,867.66	3/4	1,517.82	3/4	1,167.89	3/4	818.79	3/4	469.50	3/4	119.40	3/4	
10		10	3,950.43	10	3,789.00	10	3,627.57	10	3,466.14	10	3,261.43	10	2,911.11	10	2,560.80	10	2,210.54	10	1,860.36	10	1,510.55	10	1,160.60	10	811.54	10	462.20	10	112.10	10	
1/4	4,085.83	1/4	3,947.07	1/4	3,785.64	1/4	3,624.21	1/4	3,462.78	1/4	3,254.13	1/4	2,903.82	1/4	2,553.50	1/4	2,203.24	1/4	1,853.07	1/4	1,503.28	1/4	1,153.30	1/4	804.29	1/4	454.90	1/4	104.80	1/4	
1/2	4,085.50	1/2	3,943.70	1/2	3,782.27	1/2	3,620.85	1/2	3,459.42	1/2	3,246.83	1/2	2,896.52	1/2	2,546.20	1/2	2,195.95	1/2	1,845.77	1/2	1,496.01	1/2	1,146.01	1/2	797.03	1/2	447.60	1/2	97.51	1/2	
3/4	4,085.18	3/4	3,940.34	3/4	3,778.91	3/4	3,617.48	3/4	3,456.05	3/4	3,239.53	3/4	2,889.22	3/4	2,538.91	3/4	2,188.65	3/4	1,838.48	3/4	1,488.74	3/4	1,138.71	3/4	789.78	3/4	440.30	3/4	90.21	3/4	
11	4,084.86	11	3,936.98	11	3,775.55	11	3,614.12	11	3,452.69	11	3,232.24	11	2,881.92	11	2,531.61	11	2,181.36	11	1,831.18	11	1,481.47	11	1,131.42	11	782.53	11	433.00	11	82.92	11	
1/4	4,084.54	1/4	3,933.61	1/4	3,772.19	1/4	3,610.76	1/4	3,449.33	1/4	3,224.94	1/4	2,874.62	1/4	2,524.31	1/4	2,174.06	1/4	1,823.89	1/4	1,474.20	1/4	1,124.12	1/4	775.27	1/4	425.70	1/4	75.63	1/4	
1/2	4,083.00	1/2	3,930.25	1/2	3,768.82	1/2	3,607.39	1/2	3,445.96	1/2	3,217.64	1/2	2,867.33	1/2	2,517.01	1/2	2,166.77	1/2	1,816.59	1/2	1,466.92	1/2	1,116.83	1/2	768.02	1/2	418.41	1/2	69.43	1/2	
3/4	4,081.46	3/4	3,926.89	3/4	3,765.46	3/4	3,604.03	3/4	3,442.60	3/4	3,210.34	3/4	2,860.03	3/4	2,509.71	3/4	2,159.47	3/4	1,809.30	3/4	1,459.65	3/4	1,109.53	3/4	760.77	3/4	411.11	3/4	63.24	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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

PORT FUEL

ULLAGE TABLE

8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 3'-08 5/8"

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	5,497	0	3,475	0	1,453	0		0		0		0		0		0		0		0	
1/4		1/4	5,455	1/4	3,433	1/4	1,411	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,413	1/2	3,391	1/2	1,369	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,370	3/4	3,349	3/4	1,327	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1	5,328	1	3,307	1	1,285	1		1		1		1		1		1		1		1	
1/4		1/4	5,286	1/4	3,264	1/4	1,243	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
5/8	7,245	1/2	5,244	1/2	3,222	1/2	1,200	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,224	3/4	5,202	3/4	3,180	3/4	1,158	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	7,182	2	5,160	2	3,138	2	1,116	2		2		2		2		2		2		2		2	
1/4	7,140	1/4	5,118	1/4	3,096	1/4	1,074	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	7,097	1/2	5,076	1/2	3,054	1/2	1,032	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,055	3/4	5,033	3/4	3,012	3/4	990	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	7,013	3	4,991	3	2,970	3	948	3		3		3		3		3		3		3		3	
1/4	6,971	1/4	4,949	1/4	2,927	1/4	906	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,929	1/2	4,907	1/2	2,885	1/2	863	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,887	3/4	4,865	3/4	2,843	3/4	821	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	6,845	4	4,823	4	2,801	4	779	4		4		4		4		4		4		4		4	
1/4	6,803	1/4	4,781	1/4	2,759	1/4	737	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,760	1/2	4,739	1/2	2,717	1/2	695	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,718	3/4	4,697	3/4	2,675	3/4	653	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	6,676	5	4,654	5	2,633	5	611	5		5		5		5		5		5		5		5	
1/4	6,634	1/4	4,612	1/4	2,590	1/4	569	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,592	1/2	4,570	1/2	2,548	1/2	527	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,550	3/4	4,528	3/4	2,506	3/4	484	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	6,508	6	4,486	6	2,464	6	442	6		6		6		6		6		6		6		6	
1/4	6,466	1/4	4,444	1/4	2,422	1/4	400	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,423	1/2	4,402	1/2	2,380	1/2	358	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,381	3/4	4,360	3/4	2,338	3/4	316	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	6,339	7	4,317	7	2,296	7	274	7		7		7		7		7		7		7		7	
1/4	6,297	1/4	4,275	1/4	2,253	1/4	232	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,255	1/2	4,233	1/2	2,211	1/2	190	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,213	3/4	4,191	3/4	2,169	3/4	147	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	6,171	8	4,149	8	2,127	8	105	8		8		8		8		8		8		8		8	
1/4	6,129	1/4	4,107	1/4	2,085	1/4	63	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,087	1/2	4,065	1/2	2,043	1/2	21	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,044	3/4	4,023	3/4	2,001	5/8	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	6,002	9	3,980	9	1,959	9		9		9		9		9		9		9		9		9	
1/4	5,960	1/4	3,938	1/4	1,917	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,918	1/2	3,896	1/2	1,874	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,876	3/4	3,854	3/4	1,832	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	5,834	10	3,812	10	1,790	10		10		10		10		10		10		10		10		10	
1/4	5,792	1/4	3,770	1/4	1,748	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,750	1/2	3,728	1/2	1,706	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,707	3/4	3,686	3/4	1,664	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	5,665	11	3,643	11	1,622	11		11		11		11		11		11		11		11		11	
1/4	5,623	1/4	3,601	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,581	1/2	3,559	1/2	1,537	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,539	3/4	3,517	3/4	1,495	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.
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BARGE: HSM 3703
JEFFBOAT 15-2282

STBD FUEL
ULLAGE TABLE
8" HATCH

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

REFERENCE GAUGE HEIGHT: 3'-08 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.
0		0	5,518	0	3,496	0	1,474	0		0		0		0		0		0		0		0	
1/4		1/4	5,476	1/4	3,454	1/4	1,432	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,434	1/2	3,412	1/2	1,390	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4	5,392	3/4	3,370	3/4	1,348	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1	5,349	1	3,328	1	1,306	1		1		1		1		1		1		1		1	
1/4		1/4	5,307	1/4	3,285	1/4	1,264	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2	5,265	1/2	3,243	1/2	1,222	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,245	3/4	5,223	3/4	3,201	3/4	1,179	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	7,203	2	5,181	2	3,159	2	1,137	2		2		2		2		2		2		2		2	
1/4	7,161	1/4	5,139	1/4	3,117	1/4	1,095	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	7,118	1/2	5,097	1/2	3,075	1/2	1,053	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	7,076	3/4	5,055	3/4	3,033	3/4	1,011	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	7,034	3	5,012	3	2,991	3	969	3		3		3		3		3		3		3		3	
1/4	6,992	1/4	4,970	1/4	2,948	1/4	927	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,950	1/2	4,928	1/2	2,906	1/2	885	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,908	3/4	4,886	3/4	2,864	3/4	842	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	6,866	4	4,844	4	2,822	4	800	4		4		4		4		4		4		4		4	
1/4	6,824	1/4	4,802	1/4	2,780	1/4	758	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,782	1/2	4,760	1/2	2,738	1/2	716	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,739	3/4	4,718	3/4	2,696	3/4	674	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	6,697	5	4,675	5	2,654	5	632	5		5		5		5		5		5		5		5	
1/4	6,655	1/4	4,633	1/4	2,612	1/4	590	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,613	1/2	4,591	1/2	2,569	1/2	548	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,571	3/4	4,549	3/4	2,527	3/4	505	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	6,529	6	4,507	6	2,485	6	463	6		6		6		6		6		6		6		6	
1/4	6,487	1/4	4,465	1/4	2,443	1/4	421	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,445	1/2	4,423	1/2	2,401	1/2	379	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,402	3/4	4,381	3/4	2,359	3/4	337	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	6,360	7	4,338	7	2,317	7	295	7		7		7		7		7		7		7		7	
1/4	6,318	1/4	4,296	1/4	2,275	1/4	253	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,276	1/2	4,254	1/2	2,232	1/2	211	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,234	3/4	4,212	3/4	2,190	3/4	168	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	6,192	8	4,170	8	2,148	8	126	8		8		8		8		8		8		8		8	
1/4	6,150	1/4	4,128	1/4	2,106	1/4	84	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6,108	1/2	4,086	1/2	2,064	1/2	42	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	6,065	3/4	4,044	3/4	2,022	3/4	0	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	6,023	9	4,002	9	1,980	1		9		9		9		9		9		9		9		9	
1/4	5,981	1/4	3,959	1/4	1,938	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,939	1/2	3,917	1/2	1,895	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,897	3/4	3,875	3/4	1,853	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	5,855	10	3,833	10	1,811	10		10		10		10		10		10		10		10		10	
1/4	5,813	1/4	3,791	1/4	1,769	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,771	1/2	3,749	1/2	1,727	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,728	3/4	3,707	3/4	1,685	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	5,686	11	3,665	11	1,643	11		11		11		11		11		11		11		11		11	
1/4	5,644	1/4	3,622	1/4	1,601	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	5,602	1/2	3,580	1/2	1,558	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	5,560	3/4	3,538	3/4	1,516	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

DATE STRAPPED: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

ULLAGE TRIM TABLE
MMC

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 264'-00"

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

September 26, 2016

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

BARGE: HSM 3703

JEFFBOAT 15-2282

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"

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	5,181.70	0	4,812.96	0	4,444.15	0	4,075.35	0	3,706.55	0	3,337.74	0	2,968.94	0	2,600.14	0	2,231.33	0	1,862.53	0	1,493.98	0	1,125.43	0	756.81	0	388.15	0	33.32
1/4		1/4	5,174.03	1/4	4,805.27	1/4	4,436.47	1/4	4,067.67	1/4	3,698.86	1/4	3,330.06	1/4	2,961.26	1/4	2,592.45	1/4	2,223.65	1/4	1,854.85	1/4	1,486.30	1/4	1,117.76	1/4	749.12	1/4	380.49	1/4	28.99
1/2		1/2	5,166.36	1/2	4,797.59	1/2	4,428.79	1/2	4,059.98	1/2	3,691.18	1/2	3,322.38	1/2	2,953.57	1/2	2,584.77	1/2	2,215.97	1/2	1,847.16	1/2	1,478.61	1/2	1,110.08	1/2	741.44	1/2	372.82	1/2	24.66
3/4		3/4	5,158.69	3/4	4,789.91	3/4	4,421.10	3/4	4,052.30	3/4	3,683.50	3/4	3,314.69	3/4	2,945.89	3/4	2,577.09	3/4	2,208.28	3/4	1,839.48	3/4	1,470.93	3/4	1,102.41	3/4	733.76	3/4	365.16	3/4	20.33
1		1	5,151.02	1	4,782.22	1	4,413.42	1	4,044.62	1	3,675.81	1	3,307.01	1	2,938.21	1	2,569.40	1	2,200.60	1	1,831.80	1	1,463.25	1	1,094.73	1	726.07	1	357.50	1	16.00
1/4		1/4	5,143.34	1/4	4,774.54	1/4	4,405.74	1/4	4,036.93	1/4	3,668.13	1/4	3,299.33	1/4	2,930.52	1/4	2,561.72	1/4	2,192.92	1/4	1,824.11	1/4	1,455.56	1/4	1,087.06	1/4	718.39	1/4	349.81	1/4	
1/2		1/2	5,135.66	1/2	4,766.86	1/2	4,398.05	1/2	4,029.25	1/2	3,660.45	1/2	3,291.64	1/2	2,922.84	1/2	2,554.04	1/2	2,185.23	1/2	1,816.43	1/2	1,447.88	1/2	1,079.39	1/2	710.70	1/2	342.13	1/2	
3/4		3/4	5,127.98	3/4	4,759.17	3/4	4,390.37	3/4	4,021.57	3/4	3,652.76	3/4	3,283.96	3/4	2,915.16	3/4	2,546.35	3/4	2,177.55	3/4	1,808.75	3/4	1,440.20	3/4	1,071.71	3/4	703.02	3/4	334.44	3/4	
2		2	5,120.30	2	4,751.49	2	4,382.69	2	4,013.88	2	3,645.08	2	3,276.28	2	2,907.47	2	2,538.67	2	2,169.87	2	1,801.06	2	1,432.52	2	1,064.04	2	695.34	2	326.76	2	
1/4		1/4	5,112.62	1/4	4,743.81	1/4	4,375.00	1/4	4,006.20	1/4	3,637.40	1/4	3,268.59	1/4	2,899.79	1/4	2,530.99	1/4	2,162.18	1/4	1,793.39	1/4	1,424.83	1/4	1,056.36	1/4	687.65	1/4	319.08	1/4	
1/2		1/2	5,104.93	1/2	4,736.12	1/2	4,367.32	1/2	3,998.52	1/2	3,629.71	1/2	3,260.91	1/2	2,892.11	1/2	2,523.30	1/2	2,154.50	1/2	1,785.72	1/2	1,417.15	1/2	1,048.69	1/2	679.97	1/2	311.39	1/2	
3/4		3/4	5,097.24	3/4	4,728.44	3/4	4,359.64	3/4	3,990.83	3/4	3,622.03	3/4	3,253.23	3/4	2,884.42	3/4	2,515.62	3/4	2,146.82	3/4	1,778.04	3/4	1,409.47	3/4	1,041.02	3/4	672.29	3/4	303.71	3/4	
3		3	5,089.56	3	4,720.76	3	4,351.95	3	3,983.15	3	3,614.35	3	3,245.54	3	2,876.74	3	2,507.94	3	2,139.13	3	1,770.37	3	1,401.78	3	1,033.34	3	664.60	3	296.03	3	
1/4		1/4	5,081.88	1/4	4,713.07	1/4	4,344.27	1/4	3,975.47	1/4	3,606.66	1/4	3,237.86	1/4	2,869.06	1/4	2,500.25	1/4	2,131.45	1/4	1,762.70	1/4	1,394.10	1/4	1,025.67	1/4	656.92	1/4	288.34	1/4	
1/2		1/2	5,074.19	1/2	4,705.39	1/2	4,336.59	1/2	3,967.78	1/2	3,598.98	1/2	3,230.18	1/2	2,861.37	1/2	2,492.57	1/2	2,123.77	1/2	1,755.02	1/2	1,386.42	1/2	1,017.99	1/2	649.23	1/2	280.66	1/2	
3/4		3/4	5,066.51	3/4	4,697.71	3/4	4,328.90	3/4	3,960.10	3/4	3,591.30	3/4	3,222.49	3/4	2,853.69	3/4	2,484.89	3/4	2,116.08	3/4	1,747.35	3/4	1,378.74	3/4	1,010.32	3/4	641.55	3/4	272.97	3/4	
4		4	5,058.83	4	4,690.02	4	4,321.22	4	3,952.42	4	3,583.61	4	3,214.81	4	2,846.01	4	2,477.20	4	2,108.40	4	1,739.68	4	1,371.05	4	1,002.64	4	633.87	4	265.29	4	
1/4		1/4	5,051.14	1/4	4,682.34	1/4	4,313.54	1/4	3,944.73	1/4	3,575.93	1/4	3,207.13	1/4	2,838.32	1/4	2,469.52	1/4	2,100.72	1/4	1,732.00	1/4	1,363.37	1/4	994.97	1/4	626.18	1/4	257.61	1/4	
1/2		1/2	5,043.46	1/2	4,674.66	1/2	4,305.85	1/2	3,937.05	1/2	3,568.25	1/2	3,199.44	1/2	2,830.64	1/2	2,461.84	1/2	2,093.03	1/2	1,724.33	1/2	1,355.69	1/2	987.30	1/2	618.50	1/2	249.92	1/2	
3/4		3/4	5,035.77	3/4	4,666.97	3/4	4,298.17	3/4	3,929.37	3/4	3,560.56	3/4	3,191.76	3/4	2,822.96	3/4	2,454.15	3/4	2,085.35	3/4	1,716.66	3/4	1,348.00	3/4	979.62	3/4	610.81	3/4	242.24	3/4	
5		5	5,028.09	5	4,659.29	5	4,290.49	5	3,921.68	5	3,552.88	5	3,184.08	5	2,815.27	5	2,446.47	5	2,077.67	5	1,708.98	5	1,340.32	5	971.95	5	603.13	5	234.55	5	
1/4		1/4	5,020.41	1/4	4,651.60	1/4	4,282.80	1/4	3,914.00	1/4	3,545.20	1/4	3,176.39	1/4	2,807.59	1/4	2,438.79	1/4	2,069.98	1/4	1,701.31	1/4	1,332.64	1/4	964.26	1/4	595.45	1/4	226.87	1/4	
1/2		1/2	5,012.72	1/2	4,643.92	1/2	4,275.12	1/2	3,906.32	1/2	3,537.51	1/2	3,168.71	1/2	2,799.91	1/2	2,431.10	1/2	2,062.30	1/2	1,693.64	1/2	1,324.97	1/2	956.58	1/2	587.76	1/2	219.19	1/2	
3/4		3/4	5,005.04	3/4	4,636.24	3/4	4,267.43	3/4	3,898.63	3/4	3,529.83	3/4	3,161.03	3/4	2,792.22	3/4	2,423.42	3/4	2,054.62	3/4	1,685.96	3/4	1,317.29	3/4	948.90	3/4	580.08	3/4	211.51	3/4	
6	5,342.29	6	4,997.36	6	4,628.55	6	4,259.75	6	3,890.95	6	3,522.15	6	3,153.34	6	2,784.54	6	2,415.74	6	2,046.93	6	1,678.29	6	1,309.62	6	941.22	6	572.40	6	203.82	6	
1/4	5,337.80	1/4	4,989.67	1/4	4,620.87	1/4	4,252.07	1/4	3,883.26	1/4	3,514.46	1/4	3,145.66	1/4	2,776.86	1/4	2,408.05	1/4	2,039.25	1/4	1,670.62	1/4	1,301.94	1/4	933.53	1/4	564.71	1/4	196.14	1/4	
1/2	5,333.32	1/2	4,981.99	1/2	4,613.19	1/2	4,244.38	1/2	3,875.58	1/2	3,506.78	1/2	3,137.98	1/2	2,769.17	1/2	2,400.37	1/2	2,031.57	1/2	1,662.94	1/2	1,294.26	1/2	925.85	1/2	557.03	1/2	188.46	1/2	
3/4	5,328.84	3/4	4,974.31	3/4	4,605.50	3/4	4,236.70	3/4	3,867.90	3/4	3,499.09	3/4	3,130.29	3/4	2,761.49	3/4	2,392.69	3/4	2,023.88	3/4	1,655.27	3/4	1,286.59	3/4	918.17	3/4	549.34	3/4	180.79	3/4	
7	5,324.36	7	4,966.62	7	4,597.82	7	4,229.02	7	3,860.21	7	3,491.41	7	3,122.61	7	2,753.81	7	2,385.00	7	2,016.20	7	1,647.60	7	1,278.91	7	910.48	7	541.66	7	173.11	7	
1/4	5,318.60	1/4	4,958.94	1/4	4,590.14	1/4	4,221.33	1/4	3,852.53	1/4	3,483.73	1/4	3,114.92	1/4	2,746.12	1/4	2,377.32	1/4	2,008.52	1/4	1,639.92	1/4	1,271.24	1/4	902.80	1/4	533.98	1/4	165.89	1/4	
1/2	5,312.83	1/2	4,951.26	1/2	4,582.45	1/2	4,213.65	1/2	3,844.85	1/2	3,476.04	1/2	3,107.24	1/2	2,738.44	1/2	2,369.64	1/2	2,000.83	1/2	1,632.25	1/2	1,263.56	1/2	895.12	1/2	526.29	1/2	158.67	1/2	
3/4	5,307.07	3/4	4,943.57	3/4	4,574.77	3/4	4,205.97	3/4	3,837.16	3/4	3,468.36	3/4	3,099.56	3/4	2,730.75	3/4	2,361.95	3/4	1,993.15	3/4	1,624.58	3/4	1,255.89	3/4	887.43	3/4	518.61	3/4	151.46	3/4	
8	5,301.31	8	4,935.89	8	4,567.09	8	4,198.28	8	3,829.48	8	3,460.68	8	3,091.87	8	2,723.07	8	2,354.27	8	1,985.47	8	1,616.91	8	1,248.21	8	879.75	8	510.93	8	144.24	8	
1/4	5,294.27	1/4	4,928.21	1/4	4,559.40	1/4	4,190.60	1/4	3,821.80	1/4	3,452.99	1/4	3,084.19	1/4	2,715.39	1/4	2,346.58	1/4	1,977.78	1/4	1,609.22	1/4	1,240.54	1/4	872.06	1/4	503.24	1/4	137.04	1/4	
1/2	5,287.24	1/2	4,920.52	1/2	4,551.72	1/2	4,182.92	1/2	3,814.11	1/2	3,445.31	1/2	3,076.51	1/2	2,707.70	1/2	2,338.90	1/2	1,970.10	1/2	1,601.54	1/2	1,232.86	1/2	864.38	1/2	495.56	1/2	129.84	1/2	
3/4	5,280.20	3/4	4,912.84	3/4	4,544.04	3/4	4,175.23	3/4	3,806.43	3/4	3,437.63	3/4	3,068.82	3/4	2,700.02	3/4	2,331.22	3/4	1,962.41	3/4	1,593.86	3/4	1,225.19	3/4	856.70	3/4	487.87	3/4	122.64	3/4	
9	5,273.17	9	4,905.16	9	4,536.35	9	4,167.55	9	3,798.75	9	3,429.94	9	3,061.14	9	2,692.34	9	2,323.53	9	1,954.73	9	1,586.17	9	1,217.52	9	849.01	9	480.19	9	115.44	9	
1/4	5,265.58	1/4	4,897.47	1/4	4,528.67	1/4	4,159.87	1/4	3,791.06	1/4	3,422.26	1/4	3,053.46	1/4	2,684.65	1/4	2,315.85	1/4	1,947.05	1/4	1,578.49	1/4	1,209.84	1/4	841.33	1/4	472.51	1/4	108.26	1/4	
1/2	5,258.00	1/2	4,889.79	1/2	4,520.99	1/2	4,152.18	1/2	3,783.38	1/2	3,414.58	1/2	3,045.77	1/2	2,676.97	1/2	2,308.17	1/2	1,939.36	1/2	1,570.81	1/2	1,202.17	1/2	833.65	1/2	464.82	1/2	101.09	1/2	
3/4	5,250.41	3/4	4,882.11	3/4	4,513.30	3/4	4,144.50	3/4	3,775.70	3/4	3,406.89	3/4	3,038.09	3/4	2,669.29	3/4	2,300.48	3/4	1,931.68	3/4	1,563.12	3/4	1,194.49	3/4	825.96	3/4	457.14	3/4	93.91	3/4	
10	5,242.83	10	4,874.42	10	4,505.62	10	4,136.82	10	3,768.01	10	3,399.21	10	3,030.41	10	2,661.60	10	2,292.80	10	1,924.00	10	1,555.44	10	1,186.82	10	818.28	10	449.46	10	86.74	10	
1/4	5,235.20	1/4	4,866.74	1/4	4,497.94	1/4	4,129.13	1/4	3,760.33	1/4	3,391.53	1/4	3,022.72	1/4	2,653.92	1/4	2,285.12	1/4	1,916.31	1/4	1,547.76	1/4	1,179.15	1/4	810.59	1/4	441.79	1/4	79.63	1/4	
1/2	5,227.57	1/2	4,859.06	1/2	4,490.25	1/2	4,121.45	1/2	3,752.65	1/2	3,383.84	1/2	3,015.04	1/2	2,646.24	1/2	2,277.43	1/2	1,908.63	1/2	1,540.08	1/2	1,171.47	1/2	802.91	1/2	434.13	1/2	72.51	1/2	
3/4	5,219.94	3/4	4,851.37	3/4	4,482.57	3/4	4,113.77	3/4	3,744.96	3/4	3,376.16	3/4	3,007.36	3/4	2,638.55	3/4	2,269.75	3/4	1,900.95	3/4	1,532.39	3/4	1,163.80	3/4	795.23	3/4	426.47	3/4	65.40	3/4	
11	5,212.31	11	4,843.69	11	4,474.89	11	4,106.08	11	3,737.28	11	3,368.48	11	2,999.67	11	2,630.87	11	2,262.07	11	1,893.26	11	1,524.71	11	1,156.13	11	787.54	11	418.80	11	58.29	11	
1/4	5,204.66	1/4	4,836.01	1/4	4,467.20	1/4	4,098.40	1/4	3,729.60	1/4	3,360.79	1/4	2,991.99	1/4	2,623.19	1/4	2,254.38	1/4	1,885.58	1/4	1,517.03	1/4	1,148.45	1/4	779.86	1/4	411.14	1/4	52.05	1/4	
1/2	5,197.00	1/2	4,828.32	1/2	4,459.52	1/2	4,090.72	1/2	3,721.91	1/2	3,353.11	1/2	2,984.31	1/2	2,615.50	1/2	2,246.70	1/2	1,877.90	1/2	1,509.34	1/2	1,140.78	1/2	772.17	1/2	403.48	1/2	45.80	1/2	
3/4	5,189.35	3/4	4,820.64	3/4	4,451.84	3/4	4,083.03	3/4	3,714.23	3/4	3,345.43	3/4	2,976.62	3/4	2,607.82	3/4	2,239.02	3/4	1,870.21	3/4	1,501.66	3/4	1,133.10	3/4	764.49	3/4	395.81	3/4	39.56	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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 1/4"

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	5,188.26	0	4,819.66	0	4,450.95	0	4,082.23	0	3,713.52	0	3,344.81	0	2,976.10	0	2,607.39	0	2,238.67	0	1,869.99	0	1,501.50	0	1,132.98	0	764.32	0	395.73	0	39.55
1/4		1/4	5,180.61	1/4	4,811.98	1/4	4,443.26	1/4	4,074.55	1/4	3,705.84	1/4	3,337.13	1/4	2,968.42	1/4	2,599.70	1/4	2,230.99	1/4	1,862.32	1/4	1,493.82	1/4	1,125.31	1/4	756.64	1/4	388.07	1/4	33.31
1/2		1/2	5,172.94	1/2	4,804.30	1/2	4,435.58	1/2	4,066.87	1/2	3,698.16	1/2	3,329.45	1/2	2,960.74	1/2	2,592.02	1/2	2,223.31	1/2	1,854.65	1/2	1,486.14	1/2	1,117.63	1/2	748.96	1/2	380.41	1/2	28.98
3/4		3/4	5,165.27	3/4	4,796.61	3/4	4,427.90	3/4	4,059.19	3/4	3,690.48	3/4	3,321.77	3/4	2,953.05	3/4	2,584.34	3/4	2,215.63	3/4	1,846.98	3/4	1,478.46	3/4	1,109.96	3/4	741.28	3/4	372.75	3/4	24.65
1		1	5,157.61	1	4,788.93	1	4,420.22	1	4,051.51	1	3,682.80	1	3,314.08	1	2,945.37	1	2,576.66	1	2,207.95	1	1,839.30	1	1,470.78	1	1,102.28	1	733.59	1	365.09	1	20.32
1/4		1/4	5,149.94	1/4	4,781.25	1/4	4,412.54	1/4	4,043.83	1/4	3,675.11	1/4	3,306.40	1/4	2,937.69	1/4	2,568.98	1/4	2,200.27	1/4	1,831.63	1/4	1,463.10	1/4	1,094.60	1/4	725.91	1/4	357.43	1/4	15.99
1/2		1/2	5,142.26	1/2	4,773.57	1/2	4,404.86	1/2	4,036.15	1/2	3,667.43	1/2	3,298.72	1/2	2,930.01	1/2	2,561.30	1/2	2,192.59	1/2	1,823.96	1/2	1,455.42	1/2	1,086.93	1/2	718.23	1/2	349.75	1/2	
3/4		3/4	5,134.59	3/4	4,765.89	3/4	4,397.18	3/4	4,028.46	3/4	3,659.75	3/4	3,291.04	3/4	2,922.33	3/4	2,553.62	3/4	2,184.90	3/4	1,816.29	3/4	1,447.74	3/4	1,079.25	3/4	710.55	3/4	342.06	3/4	
2		2	5,126.91	2	4,758.21	2	4,389.49	2	4,020.78	2	3,652.07	2	3,283.36	2	2,914.65	2	2,545.93	2	2,177.22	2	1,808.62	2	1,440.06	2	1,071.57	2	702.87	2	334.38	2	
1/4		1/4	5,119.23	1/4	4,750.52	1/4	4,381.81	1/4	4,013.10	1/4	3,644.39	1/4	3,275.68	1/4	2,906.96	1/4	2,538.25	1/4	2,169.54	1/4	1,800.94	1/4	1,432.37	1/4	1,063.90	1/4	695.18	1/4	326.70	1/4	
1/2		1/2	5,111.55	1/2	4,742.84	1/2	4,374.13	1/2	4,005.42	1/2	3,636.71	1/2	3,268.00	1/2	2,899.28	1/2	2,530.57	1/2	2,161.86	1/2	1,793.27	1/2	1,424.69	1/2	1,056.22	1/2	687.50	1/2	319.02	1/2	
3/4		3/4	5,103.87	3/4	4,735.16	3/4	4,366.45	3/4	3,997.74	3/4	3,629.03	3/4	3,260.31	3/4	2,891.60	3/4	2,522.89	3/4	2,154.18	3/4	1,785.60	3/4	1,417.01	3/4	1,048.54	3/4	679.82	3/4	311.34	3/4	
3		3	5,096.19	3	4,727.48	3	4,358.77	3	3,990.06	3	3,621.34	3	3,252.63	3	2,883.92	3	2,515.21	3	2,146.50	3	1,777.93	3	1,409.33	3	1,040.86	3	672.14	3	303.65	3	
1/4		1/4	5,088.51	1/4	4,719.80	1/4	4,351.09	1/4	3,982.37	1/4	3,613.66	1/4	3,244.95	1/4	2,876.24	1/4	2,507.53	1/4	2,138.81	1/4	1,770.26	1/4	1,401.65	1/4	1,033.18	1/4	664.46	1/4	295.97	1/4	
1/2		1/2	5,080.83	1/2	4,712.12	1/2	4,343.41	1/2	3,974.69	1/2	3,605.98	1/2	3,237.27	1/2	2,868.56	1/2	2,499.85	1/2	2,131.13	1/2	1,762.59	1/2	1,393.97	1/2	1,025.50	1/2	656.77	1/2	288.29	1/2	
3/4		3/4	5,073.15	3/4	4,704.44	3/4	4,335.72	3/4	3,967.01	3/4	3,598.30	3/4	3,229.59	3/4	2,860.88	3/4	2,492.16	3/4	2,123.45	3/4	1,754.92	3/4	1,386.29	3/4	1,017.82	3/4	649.09	3/4	280.61	3/4	
4		4	5,065.47	4	4,696.75	4	4,328.04	4	3,959.33	4	3,590.62	4	3,221.91	4	2,853.19	4	2,484.48	4	2,115.77	4	1,747.25	4	1,378.62	4	1,010.14	4	641.41	4	272.93	4	
1/4		1/4	5,057.78	1/4	4,689.07	1/4	4,320.36	1/4	3,951.65	1/4	3,582.94	1/4	3,214.22	1/4	2,845.51	1/4	2,476.80	1/4	2,108.09	1/4	1,739.58	1/4	1,370.94	1/4	1,002.46	1/4	633.73	1/4	265.24	1/4	
1/2		1/2	5,050.10	1/2	4,681.39	1/2	4,312.68	1/2	3,943.97	1/2	3,575.26	1/2	3,206.54	1/2	2,837.83	1/2	2,469.12	1/2	2,100.41	1/2	1,731.90	1/2	1,363.26	1/2	994.78	1/2	626.05	1/2	257.56	1/2	
3/4		3/4	5,042.42	3/4	4,673.71	3/4	4,305.00	3/4	3,936.29	3/4	3,567.57	3/4	3,198.86	3/4	2,830.15	3/4	2,461.44	3/4	2,092.73	3/4	1,724.23	3/4	1,355.59	3/4	987.09	3/4	618.37	3/4	249.88	3/4	
5		5	5,034.74	5	4,666.03	5	4,297.32	5	3,928.60	5	3,559.89	5	3,191.18	5	2,822.47	5	2,453.76	5	2,085.04	5	1,716.56	5	1,347.91	5	979.41	5	610.68	5	242.20	5	
1/4		1/4	5,027.06	1/4	4,658.35	1/4	4,289.63	1/4	3,920.92	1/4	3,552.21	1/4	3,183.50	1/4	2,814.79	1/4	2,446.07	1/4	2,077.36	1/4	1,708.89	1/4	1,340.23	1/4	971.73	1/4	603.00	1/4	234.52	1/4	
1/2		1/2	5,019.38	1/2	4,650.67	1/2	4,281.95	1/2	3,913.24	1/2	3,544.53	1/2	3,175.82	1/2	2,807.11	1/2	2,438.39	1/2	2,069.68	1/2	1,701.21	1/2	1,332.56	1/2	964.05	1/2	595.32	1/2	226.84	1/2	
3/4		3/4	5,011.70	3/4	4,642.98	3/4	4,274.27	3/4	3,905.56	3/4	3,536.85	3/4	3,168.14	3/4	2,799.42	3/4	2,430.71	3/4	2,062.00	3/4	1,693.53	3/4	1,324.88	3/4	956.37	3/4	587.64	3/4	219.15	3/4	
6		6	5,004.01	6	4,635.30	6	4,266.59	6	3,897.88	6	3,529.17	6	3,160.45	6	2,791.74	6	2,423.03	6	2,054.32	6	1,685.85	6	1,317.21	6	948.69	6	579.96	6	211.47	6	
1/4	5,341.16	1/4	4,996.33	1/4	4,627.62	1/4	4,258.91	1/4	3,890.20	1/4	3,521.48	1/4	3,152.77	1/4	2,784.06	1/4	2,415.35	1/4	2,046.64	1/4	1,678.17	1/4	1,309.53	1/4	941.00	1/4	572.27	1/4	203.79	1/4	
1/2	5,336.68	1/2	4,988.65	1/2	4,619.94	1/2	4,251.23	1/2	3,882.52	1/2	3,513.80	1/2	3,145.09	1/2	2,776.38	1/2	2,407.67	1/2	2,038.96	1/2	1,670.49	1/2	1,301.85	1/2	933.32	1/2	564.59	1/2	196.12	1/2	
3/4	5,332.20	3/4	4,980.97	3/4	4,612.26	3/4	4,243.55	3/4	3,874.83	3/4	3,506.12	3/4	3,137.41	3/4	2,768.70	3/4	2,399.99	3/4	2,031.27	3/4	1,662.80	3/4	1,294.18	3/4	925.64	3/4	556.91	3/4	188.44	3/4	
7	5,327.72	7	4,973.29	7	4,604.58	7	4,235.86	7	3,867.15	7	3,498.44	7	3,129.73	7	2,761.02	7	2,392.30	7	2,023.59	7	1,655.12	7	1,286.50	7	917.96	7	549.23	7	180.76	7	
1/4	5,323.23	1/4	4,965.61	1/4	4,596.89	1/4	4,228.18	1/4	3,859.47	1/4	3,490.76	1/4	3,122.05	1/4	2,753.33	1/4	2,384.62	1/4	2,015.91	1/4	1,647.44	1/4	1,278.83	1/4	910.28	1/4	541.55	1/4	173.08	1/4	
1/2	5,317.47	1/2	4,957.93	1/2	4,589.21	1/2	4,220.50	1/2	3,851.79	1/2	3,483.08	1/2	3,114.37	1/2	2,745.65	1/2	2,376.94	1/2	2,008.23	1/2	1,639.76	1/2	1,271.15	1/2	902.60	1/2	533.86	1/2	165.87	1/2	
3/4	5,311.71	3/4	4,950.24	3/4	4,581.53	3/4	4,212.82	3/4	3,844.11	3/4	3,475.40	3/4	3,106.68	3/4	2,737.97	3/4	2,369.26	3/4	2,000.55	3/4	1,632.08	3/4	1,263.47	3/4	894.91	3/4	526.18	3/4	158.65	3/4	
8	5,305.95	8	4,942.56	8	4,573.85	8	4,205.14	8	3,836.43	8	3,467.71	8	3,099.00	8	2,730.29	8	2,361.58	8	1,992.87	8	1,624.40	8	1,255.80	8	887.23	8	518.50	8	151.44	8	
1/4	5,300.19	1/4	4,934.88	1/4	4,566.17	1/4	4,197.46	1/4	3,828.74	1/4	3,460.03	1/4	3,091.32	1/4	2,722.61	1/4	2,353.90	1/4	1,985.18	1/4	1,616.72	1/4	1,248.12	1/4	879.55	1/4	510.82	1/4	144.22	1/4	
1/2	5,293.16	1/2	4,927.20	1/2	4,558.49	1/2	4,189.78	1/2	3,821.06	1/2	3,452.35	1/2	3,083.64	1/2	2,714.93	1/2	2,346.22	1/2	1,977.50	1/2	1,609.04	1/2	1,240.45	1/2	871.87	1/2	503.14	1/2	137.02	1/2	
3/4	5,286.13	3/4	4,919.52	3/4	4,550.81	3/4	4,182.09	3/4	3,813.38	3/4	3,444.67	3/4	3,075.96	3/4	2,707.25	3/4	2,338.53	3/4	1,969.82	3/4	1,601.36	3/4	1,232.77	3/4	864.19	3/4	495.45	3/4	129.82	3/4	
9	5,279.09	9	4,911.84	9	4,543.12	9	4,174.41	9	3,805.70	9	3,436.99	9	3,068.28	9	2,699.56	9	2,330.85	9	1,962.14	9	1,593.68	9	1,225.10	9	856.50	9	487.77	9	122.62	9	
1/4	5,272.06	1/4	4,904.15	1/4	4,535.44	1/4	4,166.73	1/4	3,798.02	1/4	3,429.31	1/4	3,060.59	1/4	2,691.88	1/4	2,323.17	1/4	1,954.46	1/4	1,585.99	1/4	1,217.42	1/4	848.82	1/4	480.09	1/4	115.42	1/4	
1/2	5,264.47	1/2	4,896.47	1/2	4,527.76	1/2	4,159.05	1/2	3,790.34	1/2	3,421.63	1/2	3,052.91	1/2	2,684.20	1/2	2,315.49	1/2	1,946.78	1/2	1,578.31	1/2	1,209.74	1/2	841.14	1/2	472.41	1/2	108.25	1/2	
3/4	5,256.89	3/4	4,888.79	3/4	4,520.08	3/4	4,151.37	3/4	3,782.66	3/4	3,413.94	3/4	3,045.23	3/4	2,676.52	3/4	2,307.81	3/4	1,939.10	3/4	1,570.63	3/4	1,202.07	3/4	833.46	3/4	464.73	3/4	101.07	3/4	
10	5,249.31	10	4,881.11	10	4,512.40	10	4,143.69	10	3,774.97	10	3,406.26	10	3,037.55	10	2,668.84	10	2,300.13	10	1,931.41	10	1,562.95	10	1,194.39	10	825.78	10	457.05	10	93.90	10	
1/4	5,241.72	1/4	4,873.43	1/4	4,504.72	1/4	4,136.00	1/4	3,767.29	1/4	3,398.58	1/4	3,029.87	1/4	2,661.16	1/4	2,292.44	1/4	1,923.73	1/4	1,555.27	1/4	1,186.72	1/4	818.09	1/4	449.36	1/4	86.72	1/4	
1/2	5,234.10	1/2	4,865.75	1/2	4,497.04	1/2	4,128.32	1/2	3,759.61	1/2	3,390.90	1/2	3,022.19	1/2	2,653.48	1/2	2,284.76	1/2	1,916.05	1/2	1,547.59	1/2	1,179.04	1/2	810.41	1/2	441.70	1/2	79.61	1/2	
3/4	5,226.47	3/4	4,858.07	3/4	4,489.35	3/4	4,120.64	3/4	3,751.93	3/4	3,383.22	3/4	3,014.51	3/4	2,645.79	3/4	2,277.08	3/4	1,908.37	3/4	1,539.91	3/4	1,171.36	3/4	802.73	3/4	434.04	3/4	72.50	3/4	
11	5,218.84	11	4,850.38	11	4,481.67	11	4,112.96	11	3,744.25	11	3,375.54	11	3,006.82	11	2,638.11	11	2,269.40	11	1,900.69	11	1,532.23	11	1,163.69	11	795.05	11	426.38	11	65.39	11	
1/4	5,211.21	1/4	4,842.70	1/4	4,473.99	1/4	4,105.28	1/4	3,736.57	1/4	3,367.85	1/4	2,999.14	1/4	2,630.43	1/4	2,261.72	1/4	1,893.01	1/4	1,524.55	1/4	1,156.01	1/4	787.37	1/4	418.72	1/4	58.29	1/4	
1/2	5,203.56	1/2	4,835.02	1/2	4,466.31	1/2	4,097.60	1/2	3,728.89	1/2	3,360.17	1/2	2,991.46	1/2	2,622.75	1/2	2,254.04	1/2	1,885.33	1/2	1,516.87	1/2	1,148.34	1/2	779.69	1/2	411.06	1/2	52.04	1/2	
3/4	5,195.91	3/4	4,827.34	3/4	4,458.63	3/4	4,089.92	3/4	3,721.20	3/4	3,352.49	3/4	2,983.78	3/4	2,615.07	3/4	2,246.36	3/4	1,877.66	3/4	1,509.18	3/4	1,140.66	3/4	772.00	3/4	403.40	3/4	45.80	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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	4,901.84	0	4,552.80	0	4,203.69	0	3,854.57	0	3,505.46	0	3,156.35	0	2,807.23	0	2,458.12	0	2,109.00	0	1,759.89	0	1,411.55	0	1,062.45	0	715.03	0	366.21	0	31.36
1/4		1/4	4,894.58	1/4	4,545.53	1/4	4,196.41	1/4	3,847.30	1/4	3,498.19	1/4	3,149.07	1/4	2,799.96	1/4	2,450.84	1/4	2,101.73	1/4	1,752.62	1/4	1,404.27	1/4	1,055.18	1/4	707.79	1/4	358.96	1/4	27.31
1/2		1/2	4,887.32	1/2	4,538.25	1/2	4,189.14	1/2	3,840.03	1/2	3,490.91	1/2	3,141.80	1/2	2,792.69	1/2	2,443.57	1/2	2,094.46	1/2	1,745.34	1/2	1,397.00	1/2	1,047.91	1/2	700.56	1/2	351.70	1/2	23.27
3/4		3/4	4,880.06	3/4	4,530.98	3/4	4,181.87	3/4	3,832.75	3/4	3,483.64	3/4	3,134.53	3/4	2,785.41	3/4	2,436.30	3/4	2,087.18	3/4	1,738.07	3/4	1,389.73	3/4	1,040.63	3/4	693.32	3/4	344.45	3/4	19.22
1		1	4,872.80	1	4,523.71	1	4,174.59	1	3,825.48	1	3,476.37	1	3,127.25	1	2,778.14	1	2,429.03	1	2,079.91	1	1,730.80	1	1,382.46	1	1,033.36	1	686.08	1	337.19	1	15.18
1/4		1/4	4,865.53	1/4	4,516.43	1/4	4,167.32	1/4	3,818.21	1/4	3,469.09	1/4	3,119.98	1/4	2,770.87	1/4	2,421.75	1/4	2,072.64	1/4	1,723.52	1/4	1,375.18	1/4	1,026.12	1/4	678.81	1/4	329.92	1/4	
1/2		1/2	4,858.26	1/2	4,509.16	1/2	4,160.05	1/2	3,810.93	1/2	3,461.82	1/2	3,112.71	1/2	2,763.59	1/2	2,414.48	1/2	2,065.37	1/2	1,716.25	1/2	1,367.91	1/2	1,018.89	1/2	671.53	1/2	322.65	1/2	
3/4		3/4	4,850.99	3/4	4,501.89	3/4	4,152.77	3/4	3,803.66	3/4	3,454.55	3/4	3,105.43	3/4	2,756.32	3/4	2,407.21	3/4	2,058.09	3/4	1,708.98	3/4	1,360.64	3/4	1,011.65	3/4	664.26	3/4	315.37	3/4	
2		2	4,843.72	2	4,494.61	2	4,145.50	2	3,796.39	2	3,447.27	2	3,098.16	2	2,749.05	2	2,399.93	2	2,050.82	2	1,701.71	2	1,353.36	2	1,004.41	2	656.99	2	308.10	2	
1/4		1/4	4,836.45	1/4	4,487.34	1/4	4,138.23	1/4	3,789.11	1/4	3,440.00	1/4	3,090.89	1/4	2,741.77	1/4	2,392.66	1/4	2,043.55	1/4	1,694.46	1/4	1,346.09	1/4	997.18	1/4	649.71	1/4	300.83	1/4	
1/2		1/2	4,829.18	1/2	4,480.07	1/2	4,130.95	1/2	3,781.84	1/2	3,432.73	1/2	3,083.61	1/2	2,734.50	1/2	2,385.39	1/2	2,036.27	1/2	1,687.22	1/2	1,338.82	1/2	989.94	1/2	642.44	1/2	293.55	1/2	
3/4		3/4	4,821.91	3/4	4,472.79	3/4	4,123.68	3/4	3,774.57	3/4	3,425.45	3/4	3,076.34	3/4	2,727.23	3/4	2,378.11	3/4	2,029.00	3/4	1,679.98	3/4	1,331.55	3/4	982.71	3/4	635.17	3/4	286.28	3/4	
3		3	4,814.63	3	4,465.52	3	4,116.41	3	3,767.29	3	3,418.18	3	3,069.07	3	2,719.95	3	2,370.84	3	2,021.73	3	1,672.74	3	1,324.27	3	975.47	3	627.89	3	279.01	3	
1/4		1/4	4,807.36	1/4	4,458.25	1/4	4,109.13	1/4	3,760.02	1/4	3,410.91	1/4	3,061.79	1/4	2,712.68	1/4	2,363.57	1/4	2,014.45	1/4	1,665.50	1/4	1,317.00	1/4	968.24	1/4	620.62	1/4	271.73	1/4	
1/2		1/2	4,800.09	1/2	4,450.97	1/2	4,101.86	1/2	3,752.75	1/2	3,403.63	1/2	3,054.52	1/2	2,705.41	1/2	2,356.29	1/2	2,007.18	1/2	1,658.26	1/2	1,309.73	1/2	961.00	1/2	613.35	1/2	264.46	1/2	
3/4		3/4	4,792.82	3/4	4,443.70	3/4	4,094.59	3/4	3,745.47	3/4	3,396.36	3/4	3,047.25	3/4	2,698.13	3/4	2,349.02	3/4	1,999.91	3/4	1,651.02	3/4	1,302.45	3/4	953.77	3/4	606.07	3/4	257.19	3/4	
4		4	4,785.54	4	4,436.43	4	4,087.31	4	3,738.20	4	3,389.09	4	3,039.97	4	2,690.86	4	2,341.75	4	1,992.63	4	1,643.77	4	1,295.18	4	946.53	4	598.80	4	249.91	4	
1/4		1/4	4,778.27	1/4	4,429.16	1/4	4,080.04	1/4	3,730.93	1/4	3,381.81	1/4	3,032.70	1/4	2,683.59	1/4	2,334.47	1/4	1,985.36	1/4	1,636.53	1/4	1,287.91	1/4	939.30	1/4	591.53	1/4	242.64	1/4	
1/2		1/2	4,771.00	1/2	4,421.88	1/2	4,072.77	1/2	3,723.65	1/2	3,374.54	1/2	3,025.43	1/2	2,676.31	1/2	2,327.20	1/2	1,978.09	1/2	1,629.29	1/2	1,280.64	1/2	932.06	1/2	584.25	1/2	235.37	1/2	
3/4		3/4	4,763.72	3/4	4,414.61	3/4	4,065.50	3/4	3,716.38	3/4	3,367.27	3/4	3,018.15	3/4	2,669.04	3/4	2,319.93	3/4	1,970.81	3/4	1,622.05	3/4	1,273.36	3/4	924.83	3/4	576.98	3/4	228.09	3/4	
5		5	4,756.45	5	4,407.34	5	4,058.22	5	3,709.11	5	3,359.99	5	3,010.88	5	2,661.77	5	2,312.65	5	1,963.54	5	1,614.81	5	1,266.09	5	917.60	5	569.71	5	220.82	5	
1/4		1/4	4,749.18	1/4	4,400.06	1/4	4,050.95	1/4	3,701.84	1/4	3,352.72	1/4	3,003.61	1/4	2,654.49	1/4	2,305.38	1/4	1,956.27	1/4	1,607.57	1/4	1,258.82	1/4	910.36	1/4	562.43	1/4	213.55	1/4	
1/2		1/2	4,741.90	1/2	4,392.79	1/2	4,043.68	1/2	3,694.56	1/2	3,345.45	1/2	2,996.33	1/2	2,647.22	1/2	2,298.11	1/2	1,948.99	1/2	1,600.33	1/2	1,251.54	1/2	903.13	1/2	555.16	1/2	206.27	1/2	
3/4		3/4	4,734.63	3/4	4,385.52	3/4	4,036.40	3/4	3,687.29	3/4	3,338.18	3/4	2,989.06	3/4	2,639.95	3/4	2,290.83	3/4	1,941.72	3/4	1,593.08	3/4	1,244.27	3/4	895.89	3/4	547.89	3/4	199.00	3/4	
6	5,053.86	6	4,727.36	6	4,378.24	6	4,029.13	6	3,680.02	6	3,330.90	6	2,981.79	6	2,632.67	6	2,283.56	6	1,934.45	6	1,585.84	6	1,237.00	6	888.66	6	540.61	6	191.73	6	
1/4	5,049.61	1/4	4,720.08	1/4	4,370.97	1/4	4,021.86	1/4	3,672.74	1/4	3,323.63	1/4	2,974.52	1/4	2,625.40	1/4	2,276.29	1/4	1,927.17	1/4	1,578.60	1/4	1,229.73	1/4	881.42	1/4	533.34	1/4	184.46	1/4	
1/2	5,045.37	1/2	4,712.81	1/2	4,363.70	1/2	4,014.58	1/2	3,665.47	1/2	3,316.36	1/2	2,967.24	1/2	2,618.13	1/2	2,269.01	1/2	1,919.90	1/2	1,571.36	1/2	1,222.45	1/2	874.19	1/2	526.07	1/2	177.19	1/2	
3/4	5,041.13	3/4	4,705.54	3/4	4,356.42	3/4	4,007.31	3/4	3,658.20	3/4	3,309.08	3/4	2,959.97	3/4	2,610.86	3/4	2,261.74	3/4	1,912.63	3/4	1,564.12	3/4	1,215.18	3/4	866.95	3/4	518.79	3/4	169.92	3/4	
7	5,036.88	7	4,698.26	7	4,349.15	7	4,000.04	7	3,650.92	7	3,301.81	7	2,952.70	7	2,603.58	7	2,254.47	7	1,905.35	7	1,556.88	7	1,207.91	7	859.72	7	511.52	7	162.65	7	
1/4	5,031.43	1/4	4,690.99	1/4	4,341.88	1/4	3,992.76	1/4	3,643.65	1/4	3,294.54	1/4	2,945.42	1/4	2,596.31	1/4	2,247.20	1/4	1,898.08	1/4	1,549.64	1/4	1,200.64	1/4	852.49	1/4	504.25	1/4	155.87	1/4	
1/2	5,025.97	1/2	4,683.72	1/2	4,334.60	1/2	3,985.49	1/2	3,636.38	1/2	3,287.26	1/2	2,938.15	1/2	2,589.04	1/2	2,239.92	1/2	1,890.81	1/2	1,542.39	1/2	1,193.36	1/2	845.25	1/2	496.97	1/2	149.09	1/2	
3/4	5,020.52	3/4	4,676.44	3/4	4,327.33	3/4	3,978.22	3/4	3,629.10	3/4	3,279.99	3/4	2,930.88	3/4	2,581.76	3/4	2,232.65	3/4	1,883.54	3/4	1,535.15	3/4	1,186.09	3/4	838.02	3/4	489.70	3/4	142.32	3/4	
8	5,015.06	8	4,669.17	8	4,320.06	8	3,970.94	8	3,621.83	8	3,272.72	8	2,923.60	8	2,574.49	8	2,225.38	8	1,876.26	8	1,527.91	8	1,178.82	8	830.78	8	482.43	8	135.54	8	
1/4	5,008.40	1/4	4,661.90	1/4	4,312.78	1/4	3,963.67	1/4	3,614.56	1/4	3,265.44	1/4	2,916.33	1/4	2,567.22	1/4	2,218.10	1/4	1,868.99	1/4	1,520.64	1/4	1,171.54	1/4	823.55	1/4	475.15	1/4	128.77	1/4	
1/2	5,001.74	1/2	4,654.62	1/2	4,305.51	1/2	3,956.40	1/2	3,607.28	1/2	3,258.17	1/2	2,909.06	1/2	2,559.94	1/2	2,210.83	1/2	1,861.72	1/2	1,513.37	1/2	1,164.27	1/2	816.31	1/2	467.88	1/2	122.01	1/2	
3/4	4,995.09	3/4	4,647.35	3/4	4,298.24	3/4	3,949.12	3/4	3,600.01	3/4	3,250.90	3/4	2,901.78	3/4	2,552.67	3/4	2,203.56	3/4	1,854.44	3/4	1,506.09	3/4	1,157.00	3/4	809.08	3/4	460.61	3/4	115.24	3/4	
9	4,988.43	9	4,640.08	9	4,290.96	9	3,941.85	9	3,592.74	9	3,243.62	9	2,894.51	9	2,545.40	9	2,196.28	9	1,847.17	9	1,498.82	9	1,149.73	9	801.84	9	453.33	9	108.48	9	
1/4	4,981.25	1/4	4,632.80	1/4	4,283.69	1/4	3,934.58	1/4	3,585.46	1/4	3,236.35	1/4	2,887.24	1/4	2,538.12	1/4	2,189.01	1/4	1,839.90	1/4	1,491.55	1/4	1,142.45	1/4	794.61	1/4	446.06	1/4	101.74	1/4	
1/2	4,974.06	1/2	4,625.53	1/2	4,276.42	1/2	3,927.30	1/2	3,578.19	1/2	3,229.08	1/2	2,879.96	1/2	2,530.85	1/2	2,181.74	1/2	1,832.62	1/2	1,484.27	1/2	1,135.18	1/2	787.38	1/2	438.79	1/2	95.00	1/2	
3/4	4,966.88	3/4	4,618.26	3/4	4,269.14	3/4	3,920.03	3/4	3,570.92	3/4	3,221.80	3/4	2,872.69	3/4	2,523.58	3/4	2,174.46	3/4	1,825.35	3/4	1,477.00	3/4	1,127.91	3/4	780.14	3/4	431.51	3/4	88.25	3/4	
10	4,959.70	10	4,610.99	10	4,261.87	10	3,912.76	10	3,563.64	10	3,214.53	10	2,865.42	10	2,516.30	10	2,167.19	10	1,818.08	10	1,469.73	10	1,120.63	10	772.91	10	424.24	10	81.51	10	
1/4	4,952.48	1/4	4,603.71	1/4	4,254.60	1/4	3,905.48	1/4	3,556.37	1/4	3,207.26	1/4	2,858.14	1/4	2,509.03	1/4	2,159.92	1/4	1,810.80	1/4	1,462.46	1/4	1,113.36	1/4	765.67	1/4	416.99	1/4	74.84	1/4	
1/2	4,945.26	1/2	4,596.44	1/2	4,247.33	1/2	3,898.21	1/2	3,549.10	1/2	3,199.98	1/2	2,850.87	1/2	2,501.76	1/2	2,152.64	1/2	1,803.53	1/2	1,455.18	1/2	1,106.09	1/2	758.44	1/2	409.73	1/2	68.16	1/2	
3/4	4,938.04	3/4	4,589.17	3/4	4,240.05	3/4	3,890.94	3/4	3,541.82	3/4	3,192.71	3/4	2,843.60	3/4	2,494.48	3/4	2,145.37	3/4	1,796.26	3/4	1,447.91	3/4	1,098.82	3/4	751.20	3/4	402.48	3/4	61.48	3/4	
11	4,930.82	11	4,581.89	11	4,232.78	11	3,883.67	11	3,534.55	11	3,185.44	11	2,836.32	11	2,487.21	11	2,138.10	11	1,788.98	11	1,440.64	11	1,091.54	11	743.97	11	395.22	11	54.80	11	
1/4	4,923.57	1/4	4,574.62	1/4	4,225.51	1/4	3,876.39	1/4	3,527.28	1/4	3,178.16	1/4	2,829.05	1/4	2,479.94	1/4	2,130.82	1/4	1,781.71	1/4	1,433.36	1/4	1,084.27	1/4	736.73	1/4	387.97	1/4	48.94	1/4	
1/2	4,916.33	1/2	4,567.35	1/2	4,218.23	1/2	3,869.12	1/2	3,520.01	1/2	3,170.89	1/2	2,821.78	1/2	2,472.66	1/2	2,123.55	1/2	1,774.44	1/2	1,426.09	1/2	1,077.00	1/2	729.50	1/2	380.72	1/2	43.08	1/2	
3/4	4,909.08	3/4	4,560.07	3/4	4,210.96	3/4	3,861.85	3/4	3,512.73	3/4	3,163.62	3/4	2,814.50	3/4	2,465.39	3/4	2,116.28	3/4	1,767.16	3/4	1,418.82	3/4	1,069.72	3/4	722.26	3/4	373.46	3/4	37.22	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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	4,931.67	0	4,580.63	0	4,229.50	0	3,878.36	0	3,527.23	0	3,176.10	0	2,824.96	0	2,473.83	0	2,122.69	0	1,771.56	0	1,421.20	0	1,070.11	0	719.32	0	368.33	0	31.54
1/4		1/4	4,924.37	1/4	4,573.32	1/4	4,222.18	1/4	3,871.05	1/4	3,519.91	1/4	3,168.78	1/4	2,817.65	1/4	2,466.51	1/4	2,115.38	1/4	1,764.24	1/4	1,413.89	1/4	1,062.80	1/4	712.01	1/4	361.03	1/4	27.47
1/2		1/2	4,917.07	1/2	4,566.00	1/2	4,214.87	1/2	3,863.73	1/2	3,512.60	1/2	3,161.47	1/2	2,810.33	1/2	2,459.20	1/2	2,108.06	1/2	1,756.93	1/2	1,406.57	1/2	1,055.49	1/2	704.69	1/2	353.74	1/2	23.40
3/4		3/4	4,909.77	3/4	4,558.69	3/4	4,207.55	3/4	3,856.42	3/4	3,505.28	3/4	3,154.15	3/4	2,803.02	3/4	2,451.88	3/4	2,100.75	3/4	1,749.61	3/4	1,399.26	3/4	1,048.18	3/4	697.38	3/4	346.44	3/4	19.33
1		1	4,902.46	1	4,551.37	1	4,200.24	1	3,849.10	1	3,497.97	1	3,146.83	1	2,795.70	1	2,444.57	1	2,093.43	1	1,742.30	1	1,391.94	1	1,040.87	1	690.06	1	339.15	1	15.26
1/4		1/4	4,895.15	1/4	4,544.06	1/4	4,192.92	1/4	3,841.79	1/4	3,490.65	1/4	3,139.52	1/4	2,788.38	1/4	2,437.25	1/4	2,086.12	1/4	1,735.01	1/4	1,384.63	1/4	1,033.56	1/4	682.75	1/4	331.83	1/4	
1/2		1/2	4,887.84	1/2	4,536.74	1/2	4,185.61	1/2	3,834.47	1/2	3,483.34	1/2	3,132.20	1/2	2,781.07	1/2	2,429.94	1/2	2,078.80	1/2	1,727.73	1/2	1,377.31	1/2	1,026.25	1/2	675.43	1/2	324.52	1/2	
3/4		3/4	4,880.53	3/4	4,529.43	3/4	4,178.29	3/4	3,827.16	3/4	3,476.02	3/4	3,124.89	3/4	2,773.75	3/4	2,422.62	3/4	2,071.49	3/4	1,720.45	3/4	1,370.00	3/4	1,018.95	3/4	668.11	3/4	317.20	3/4	
2		2	4,873.22	2	4,522.11	2	4,170.98	2	3,819.84	2	3,468.71	2	3,117.57	2	2,766.44	2	2,415.30	2	2,064.17	2	1,713.16	2	1,362.68	2	1,011.64	2	660.80	2	309.88	2	
1/4		1/4	4,865.91	1/4	4,514.80	1/4	4,163.66	1/4	3,812.53	1/4	3,461.39	1/4	3,110.26	1/4	2,759.12	1/4	2,407.99	1/4	2,056.85	1/4	1,705.88	1/4	1,355.37	1/4	1,004.33	1/4	653.48	1/4	302.57	1/4	
1/2		1/2	4,858.60	1/2	4,507.48	1/2	4,156.35	1/2	3,805.21	1/2	3,454.08	1/2	3,102.94	1/2	2,751.81	1/2	2,400.67	1/2	2,049.54	1/2	1,698.60	1/2	1,348.05	1/2	997.03	1/2	646.17	1/2	295.25	1/2	
3/4		3/4	4,851.29	3/4	4,500.17	3/4	4,149.03	3/4	3,797.90	3/4	3,446.76	3/4	3,095.63	3/4	2,744.49	3/4	2,393.36	3/4	2,042.22	3/4	1,691.31	3/4	1,340.74	3/4	989.72	3/4	638.85	3/4	287.94	3/4	
3		3	4,843.98	3	4,492.85	3	4,141.72	3	3,790.58	3	3,439.45	3	3,088.31	3	2,737.18	3	2,386.04	3	2,034.91	3	1,684.03	3	1,333.42	3	982.41	3	631.53	3	280.62	3	
1/4		1/4	4,836.67	1/4	4,485.53	1/4	4,134.40	1/4	3,783.27	1/4	3,432.13	1/4	3,081.00	1/4	2,729.86	1/4	2,378.73	1/4	2,027.59	1/4	1,676.75	1/4	1,326.11	1/4	975.11	1/4	624.22	1/4	273.30	1/4	
1/2		1/2	4,829.35	1/2	4,478.22	1/2	4,127.08	1/2	3,775.95	1/2	3,424.82	1/2	3,073.68	1/2	2,722.55	1/2	2,371.41	1/2	2,020.28	1/2	1,669.46	1/2	1,318.79	1/2	967.80	1/2	616.90	1/2	265.99	1/2	
3/4		3/4	4,822.04	3/4	4,470.90	3/4	4,119.77	3/4	3,768.64	3/4	3,417.50	3/4	3,066.37	3/4	2,715.23	3/4	2,364.10	3/4	2,012.96	3/4	1,662.18	3/4	1,311.48	3/4	960.49	3/4	609.59	3/4	258.67	3/4	
4		4	4,814.72	4	4,463.59	4	4,112.45	4	3,761.32	4	3,410.19	4	3,059.05	4	2,707.92	4	2,356.78	4	2,005.65	4	1,654.90	4	1,304.16	4	953.18	4	602.27	4	251.36	4	
1/4		1/4	4,807.41	1/4	4,456.27	1/4	4,105.14	1/4	3,754.00	1/4	3,402.87	1/4	3,051.74	1/4	2,700.60	1/4	2,349.47	1/4	1,998.33	1/4	1,647.61	1/4	1,296.85	1/4	945.88	1/4	594.95	1/4	244.04	1/4	
1/2		1/2	4,800.09	1/2	4,448.96	1/2	4,097.82	1/2	3,746.69	1/2	3,395.55	1/2	3,044.42	1/2	2,693.29	1/2	2,342.15	1/2	1,991.02	1/2	1,640.33	1/2	1,289.53	1/2	938.57	1/2	587.64	1/2	236.73	1/2	
3/4		3/4	4,792.78	3/4	4,441.64	3/4	4,090.51	3/4	3,739.37	3/4	3,388.24	3/4	3,037.11	3/4	2,685.97	3/4	2,334.84	3/4	1,983.70	3/4	1,633.05	3/4	1,282.22	3/4	931.26	3/4	580.32	3/4	229.41	3/4	
5		5	4,785.46	5	4,434.33	5	4,083.19	5	3,732.06	5	3,380.92	5	3,029.79	5	2,678.66	5	2,327.52	5	1,976.39	5	1,625.76	5	1,274.90	5	923.96	5	573.01	5	222.09	5	
1/4		1/4	4,778.15	1/4	4,427.01	1/4	4,075.88	1/4	3,724.74	1/4	3,373.61	1/4	3,022.47	1/4	2,671.34	1/4	2,320.21	1/4	1,969.07	1/4	1,618.48	1/4	1,267.59	1/4	916.65	1/4	565.69	1/4	214.78	1/4	
1/2		1/2	4,770.83	1/2	4,419.70	1/2	4,068.56	1/2	3,717.43	1/2	3,366.29	1/2	3,015.16	1/2	2,664.02	1/2	2,312.89	1/2	1,961.76	1/2	1,611.20	1/2	1,260.27	1/2	909.34	1/2	558.38	1/2	207.46	1/2	
3/4		3/4	4,763.52	3/4	4,412.38	3/4	4,061.25	3/4	3,710.11	3/4	3,358.98	3/4	3,007.84	3/4	2,656.71	3/4	2,305.58	3/4	1,954.44	3/4	1,603.91	3/4	1,252.96	3/4	902.04	3/4	551.06	3/4	200.15	3/4	
6	5,084.57	6	4,756.20	6	4,405.07	6	4,053.93	6	3,702.80	6	3,351.66	6	3,000.53	6	2,649.39	6	2,298.26	6	1,947.13	6	1,596.63	6	1,245.64	6	894.73	6	543.74	6	192.83	6	
1/4	5,080.30	1/4	4,748.89	1/4	4,397.75	1/4	4,046.62	1/4	3,695.48	1/4	3,344.35	1/4	2,993.21	1/4	2,642.08	1/4	2,290.94	1/4	1,939.81	1/4	1,589.35	1/4	1,238.33	1/4	887.42	1/4	536.43	1/4	185.52	1/4	
1/2	5,076.03	1/2	4,741.57	1/2	4,390.44	1/2	4,039.30	1/2	3,688.17	1/2	3,337.03	1/2	2,985.90	1/2	2,634.76	1/2	2,283.63	1/2	1,932.49	1/2	1,582.06	1/2	1,231.01	1/2	880.11	1/2	529.11	1/2	178.21	1/2	
3/4	5,071.77	3/4	4,734.25	3/4	4,383.12	3/4	4,031.99	3/4	3,680.85	3/4	3,329.72	3/4	2,978.58	3/4	2,627.45	3/4	2,276.31	3/4	1,925.18	3/4	1,574.78	3/4	1,223.70	3/4	872.81	3/4	521.80	3/4	170.90	3/4	
7	5,067.50	7	4,726.94	7	4,375.80	7	4,024.67	7	3,673.54	7	3,322.40	7	2,971.27	7	2,620.13	7	2,269.00	7	1,917.86	7	1,567.50	7	1,216.38	7	865.50	7	514.48	7	163.59	7	
1/4	5,062.01	1/4	4,719.62	1/4	4,368.49	1/4	4,017.36	1/4	3,666.22	1/4	3,315.09	1/4	2,963.95	1/4	2,612.82	1/4	2,261.68	1/4	1,910.55	1/4	1,560.18	1/4	1,209.07	1/4	858.19	1/4	507.16	1/4	156.77	1/4	
1/2	5,056.53	1/2	4,712.31	1/2	4,361.17	1/2	4,010.04	1/2	3,658.91	1/2	3,307.77	1/2	2,956.64	1/2	2,605.50	1/2	2,254.37	1/2	1,903.23	1/2	1,552.87	1/2	1,201.75	1/2	850.89	1/2	499.85	1/2	149.95	1/2	
3/4	5,051.04	3/4	4,704.99	3/4	4,353.86	3/4	4,002.72	3/4	3,651.59	3/4	3,300.46	3/4	2,949.32	3/4	2,598.19	3/4	2,247.05	3/4	1,895.92	3/4	1,545.55	3/4	1,194.44	3/4	843.58	3/4	492.53	3/4	143.13	3/4	
8	5,045.55	8	4,697.68	8	4,346.54	8	3,995.41	8	3,644.27	8	3,293.14	8	2,942.01	8	2,590.87	8	2,239.74	8	1,888.60	8	1,538.24	8	1,187.12	8	836.27	8	485.22	8	136.31	8	
1/4	5,038.85	1/4	4,690.36	1/4	4,339.23	1/4	3,988.09	1/4	3,636.96	1/4	3,285.83	1/4	2,934.69	1/4	2,583.56	1/4	2,232.42	1/4	1,881.29	1/4	1,530.92	1/4	1,179.81	1/4	828.97	1/4	477.90	1/4	129.51	1/4	
1/2	5,032.16	1/2	4,683.05	1/2	4,331.91	1/2	3,980.78	1/2	3,629.64	1/2	3,278.51	1/2	2,927.38	1/2	2,576.24	1/2	2,225.11	1/2	1,873.97	1/2	1,523.61	1/2	1,172.49	1/2	821.66	1/2	470.58	1/2	122.70	1/2	
3/4	5,025.46	3/4	4,675.73	3/4	4,324.60	3/4	3,973.46	3/4	3,622.33	3/4	3,271.19	3/4	2,920.06	3/4	2,568.93	3/4	2,217.79	3/4	1,866.66	3/4	1,516.29	3/4	1,165.18	3/4	814.35	3/4	463.27	3/4	115.90	3/4	
9	5,018.76	9	4,668.42	9	4,317.28	9	3,966.15	9	3,615.01	9	3,263.88	9	2,912.74	9	2,561.61	9	2,210.48	9	1,859.34	9	1,508.98	9	1,157.86	9	807.04	9	455.95	9	109.10	9	
1/4	5,011.54	1/4	4,661.10	1/4	4,309.97	1/4	3,958.83	1/4	3,607.70	1/4	3,256.56	1/4	2,905.43	1/4	2,554.30	1/4	2,203.16	1/4	1,852.03	1/4	1,501.66	1/4	1,150.55	1/4	799.74	1/4	448.64	1/4	102.32	1/4	
1/2	5,004.32	1/2	4,653.79	1/2	4,302.65	1/2	3,951.52	1/2	3,600.38	1/2	3,249.25	1/2	2,898.11	1/2	2,546.98	1/2	2,195.85	1/2	1,844.71	1/2	1,494.35	1/2	1,143.23	1/2	792.43	1/2	441.32	1/2	95.54	1/2	
3/4	4,997.09	3/4	4,646.47	3/4	4,295.34	3/4	3,944.20	3/4	3,593.07	3/4	3,241.93	3/4	2,890.80	3/4	2,539.66	3/4	2,188.53	3/4	1,837.40	3/4	1,487.03	3/4	1,135.92	3/4	785.12	3/4	434.00	3/4	88.76	3/4	
10	4,989.87	10	4,639.16	10	4,288.02	10	3,936.89	10	3,585.75	10	3,234.62	10	2,883.48	10	2,532.35	10	2,181.21	10	1,830.08	10	1,479.72	10	1,128.60	10	777.81	10	426.69	10	81.98	10	
1/4	4,982.61	1/4	4,631.84	1/4	4,280.71	1/4	3,929.57	1/4	3,578.44	1/4	3,227.30	1/4	2,876.17	1/4	2,525.03	1/4	2,173.90	1/4	1,822.77	1/4	1,472.40	1/4	1,121.29	1/4	770.51	1/4	419.39	1/4	75.26	1/4	
1/2	4,975.35	1/2	4,624.53	1/2	4,273.39	1/2	3,922.26	1/2	3,571.12	1/2	3,219.99	1/2	2,868.85	1/2	2,517.72	1/2	2,166.58	1/2	1,815.45	1/2	1,465.09	1/2	1,113.97	1/2	763.20	1/2	412.10	1/2	68.54	1/2	
3/4	4,968.08	3/4	4,617.21	3/4	4,266.08	3/4	3,914.94	3/4	3,563.81	3/4	3,212.67	3/4	2,861.54	3/4	2,510.40	3/4	2,159.27	3/4	1,808.13	3/4	1,457.78	3/4	1,106.66	3/4	755.89	3/4	404.80	3/4	61.83	3/4	
11	4,960.82	11	4,609.89	11	4,258.76	11	3,907.63	11	3,556.49	11	3,205.36	11	2,854.22	11	2,503.09	11	2,151.95	11	1,800.82	11	1,450.46	11	1,099.34	11	748.58	11	397.51	11	55.11	11	
1/4	4,953.53	1/4	4,602.58	1/4	4,251.44	1/4	3,900.31	1/4	3,549.18	1/4	3,198.04	1/4	2,846.91	1/4	2,495.77	1/4	2,144.64	1/4	1,793.50	1/4	1,443.15	1/4	1,092.04	1/4	741.27	1/4	390.21	1/4	49.22	1/4	
1/2	4,946.25	1/2	4,595.26	1/2	4,244.13	1/2	3,893.00	1/2	3,541.86	1/2	3,190.73	1/2	2,839.59	1/2	2,488.46	1/2	2,137.32	1/2	1,786.19	1/2	1,435.83	1/2	1,084.73	1/2	733.95	1/2	382.92	1/2	43.33	1/2	
3/4	4,938.96	3/4	4,587.95	3/4	4,236.81	3/4	3,885.68	3/4	3,534.55	3/4	3,183.41	3/4	2,832.28	3/4	2,481.14	3/4	2,130.01	3/4	1,778.87	3/4	1,428.52	3/4	1,077.42	3/4	726.64	3/4	375.62	3/4	37.43	3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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 1/2"

IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.
0		0	4,032.73	0	3,871.27	0	3,709.67	0	3,548.07	0	3,386.47	0	3,091.48	0	2,741.58	0	2,391.74	0	2,041.96	0	1,692.36	0	1,343.25	0	993.49	0	643.93	0	294.23	0	
1/4		1/4	4,029.39	1/4	3,867.90	1/4	3,706.30	1/4	3,544.71	1/4	3,383.11	1/4	3,084.19	1/4	2,734.29	1/4	2,384.45	1/4	2,034.68	1/4	1,685.07	1/4	1,335.97	1/4	986.21	1/4	636.65	1/4	286.96	1/4	
1/2		1/2	4,026.05	1/2	3,864.53	1/2	3,702.94	1/2	3,541.34	1/2	3,379.74	1/2	3,076.90	1/2	2,727.00	1/2	2,377.16	1/2	2,027.39	1/2	1,677.79	1/2	1,328.68	1/2	978.92	1/2	629.36	1/2	279.69	1/2	
3/4		3/4	4,022.70	3/4	3,861.17	3/4	3,699.57	3/4	3,537.97	3/4	3,376.38	3/4	3,069.61	3/4	2,719.72	3/4	2,369.87	3/4	2,020.10	3/4	1,670.51	3/4	1,321.39	3/4	971.63	3/4	622.08	3/4	272.42	3/4	
1		1	4,019.35	1	3,857.80	1	3,696.20	1	3,534.61	1	3,373.01	1	3,062.32	1	2,712.43	1	2,362.58	1	2,012.82	1	1,663.23	1	1,314.11	1	964.35	1	614.80	1	265.16	1	
1/4		1/4	4,015.99	1/4	3,854.43	1/4	3,692.84	1/4	3,531.24	1/4	3,369.64	1/4	3,055.03	1/4	2,705.14	1/4	2,355.30	1/4	2,005.53	1/4	1,655.95	1/4	1,306.82	1/4	957.06	1/4	607.51	1/4	257.89	1/4	
1/2		1/2	4,012.64	1/2	3,851.07	1/2	3,689.47	1/2	3,527.87	1/2	3,366.28	1/2	3,047.74	1/2	2,697.85	1/2	2,348.01	1/2	1,998.24	1/2	1,648.66	1/2	1,299.53	1/2	949.77	1/2	600.23	1/2	250.62	1/2	
3/4		3/4	4,009.28	3/4	3,847.70	3/4	3,686.10	3/4	3,524.51	3/4	3,362.91	3/4	3,040.45	3/4	2,690.56	3/4	2,340.72	3/4	1,990.96	3/4	1,641.38	3/4	1,292.25	3/4	942.49	3/4	592.94	3/4	243.33	3/4	
2		2	4,005.92	2	3,844.33	2	3,682.74	2	3,521.14	2	3,359.54	2	3,033.16	2	2,683.27	2	2,333.43	2	1,983.67	2	1,634.10	2	1,284.96	2	935.20	2	585.66	2	236.04	2	
1/4		1/4	4,002.55	1/4	3,840.97	1/4	3,679.37	1/4	3,517.77	1/4	3,356.18	1/4	3,025.87	1/4	2,675.98	1/4	2,326.15	1/4	1,976.38	1/4	1,626.82	1/4	1,277.67	1/4	927.92	1/4	578.37	1/4	228.75	1/4	
1/2		1/2	3,999.19	1/2	3,837.60	1/2	3,676.00	1/2	3,514.41	1/2	3,352.81	1/2	3,018.58	1/2	2,668.70	1/2	2,318.86	1/2	1,969.10	1/2	1,619.53	1/2	1,270.39	1/2	920.64	1/2	571.08	1/2	221.46	1/2	
3/4		3/4	3,995.83	3/4	3,834.23	3/4	3,672.64	3/4	3,511.04	3/4	3,349.44	3/4	3,011.29	3/4	2,661.41	3/4	2,311.57	3/4	1,961.81	3/4	1,612.25	3/4	1,263.10	3/4	913.35	3/4	563.79	3/4	214.17	3/4	
3		3	3,992.46	3	3,830.87	3	3,669.27	3	3,507.67	3	3,346.08	3	3,004.00	3	2,654.12	3	2,304.28	3	1,954.52	3	1,604.97	3	1,255.81	3	906.07	3	556.51	3	206.89	3	
1/4		1/4	3,989.10	1/4	3,827.50	1/4	3,665.90	1/4	3,504.31	1/4	3,342.71	1/4	2,996.71	1/4	2,646.83	1/4	2,297.00	1/4	1,947.24	1/4	1,597.69	1/4	1,248.53	1/4	898.79	1/4	549.22	1/4	199.60	1/4	
1/2		1/2	3,985.73	1/2	3,824.13	1/2	3,662.54	1/2	3,500.94	1/2	3,339.34	1/2	2,989.42	1/2	2,639.54	1/2	2,289.71	1/2	1,939.95	1/2	1,590.41	1/2	1,241.24	1/2	891.50	1/2	541.93	1/2	192.31	1/2	
3/4		3/4	3,982.36	3/4	3,820.77	3/4	3,659.17	3/4	3,497.57	3/4	3,332.05	3/4	2,982.13	3/4	2,632.25	3/4	2,282.42	3/4	1,932.67	3/4	1,583.14	3/4	1,233.95	3/4	884.22	3/4	534.64	3/4	185.02	3/4	
4		4	3,979.00	4	3,817.40	4	3,655.80	4	3,494.21	4	3,324.76	4	2,974.84	4	2,624.96	4	2,275.13	4	1,925.39	4	1,575.88	4	1,226.67	4	876.93	4	527.35	4	177.73	4	
1/4		1/4	3,975.63	1/4	3,814.03	1/4	3,652.44	1/4	3,490.84	1/4	3,317.47	1/4	2,967.55	1/4	2,617.68	1/4	2,267.85	1/4	1,918.10	1/4	1,568.62	1/4	1,219.38	1/4	869.65	1/4	520.06	1/4	170.44	1/4	
1/2		1/2	3,972.26	1/2	3,810.67	1/2	3,649.07	1/2	3,487.47	1/2	3,310.18	1/2	2,960.26	1/2	2,610.39	1/2	2,260.56	1/2	1,910.82	1/2	1,561.36	1/2	1,212.09	1/2	862.37	1/2	512.77	1/2	163.15	1/2	
3/4		3/4	3,968.90	3/4	3,807.30	3/4	3,645.70	3/4	3,484.11	3/4	3,302.89	3/4	2,952.97	3/4	2,603.10	3/4	2,253.27	3/4	1,903.54	3/4	1,554.10	3/4	1,204.81	3/4	855.09	3/4	505.48	3/4	155.86	3/4	
5		5	3,965.53	5	3,803.93	5	3,642.34	5	3,480.74	5	3,295.60	5	2,945.68	5	2,595.81	5	2,245.99	5	1,896.26	5	1,546.84	5	1,197.52	5	847.80	5	498.19	5	148.57	5	
1/4		1/4	3,962.16	1/4	3,800.57	1/4	3,638.97	1/4	3,477.37	1/4	3,288.31	1/4	2,938.39	1/4	2,588.52	1/4	2,238.70	1/4	1,888.98	1/4	1,539.58	1/4	1,190.23	1/4	840.52	1/4	490.90	1/4	141.28	1/4	
1/2		1/2	3,958.80	1/2	3,797.20	1/2	3,635.60	1/2	3,474.01	1/2	3,281.02	1/2	2,931.10	1/2	2,581.23	1/2	2,231.41	1/2	1,881.69	1/2	1,532.31	1/2	1,182.95	1/2	833.24	1/2	483.62	1/2	134.00	1/2	
3/4		3/4	3,955.43	3/4	3,793.83	3/4	3,632.24	3/4	3,470.64	3/4	3,273.73	3/4	2,923.81	3/4	2,573.94	3/4	2,224.13	3/4	1,874.41	3/4	1,525.05	3/4	1,175.66	3/4	825.96	3/4	476.33	3/4	126.71	3/4	
6		6	3,952.06	6	3,790.47	6	3,628.87	6	3,467.27	6	3,266.44	6	2,916.52	6	2,566.66	6	2,216.84	6	1,867.13	6	1,517.79	6	1,168.37	6	818.68	6	469.04	6	119.42	6	
1/4		1/4	3,948.70	1/4	3,787.10	1/4	3,625.50	1/4	3,463.91	1/4	3,259.15	1/4	2,909.23	1/4	2,559.37	1/4	2,209.56	1/4	1,859.85	1/4	1,510.53	1/4	1,161.08	1/4	811.40	1/4	461.75	1/4	112.13	1/4	
1/2	4,084.26	1/2	3,945.33	1/2	3,783.73	1/2	3,622.14	1/2	3,460.54	1/2	3,251.86	1/2	2,901.94	1/2	2,552.08	1/2	2,202.27	1/2	1,852.56	1/2	1,503.27	1/2	1,153.80	1/2	804.12	1/2	454.46	1/2	104.84	1/2	
3/4	4,083.93	3/4	3,941.96	3/4	3,780.37	3/4	3,618.77	3/4	3,457.17	3/4	3,244.57	3/4	2,894.65	3/4	2,544.79	3/4	2,194.98	3/4	1,845.28	3/4	1,496.01	3/4	1,146.51	3/4	796.84	3/4	447.17	3/4	97.56	3/4	
7	4,083.60	7	3,938.60	7	3,777.00	7	3,615.40	7	3,453.81	7	3,237.28	7	2,887.36	7	2,537.50	7	2,187.70	7	1,838.00	7	1,488.74	7	1,139.22	7	789.56	7	439.88	7	90.27	7	
1/4	4,083.28	1/4	3,935.23	1/4	3,773.63	1/4	3,612.04	1/4	3,450.44	1/4	3,229.99	1/4	2,880.07	1/4	2,530.21	1/4	2,180.41	1/4	1,830.72	1/4	1,481.48	1/4	1,131.94	1/4	782.27	1/4	432.59	1/4	82.99	1/4	
1/2	4,082.95	1/2	3,931.86	1/2	3,770.27	1/2	3,608.67	1/2	3,447.07	1/2	3,222.70	1/2	2,872.78	1/2	2,522.92	1/2	2,173.12	1/2	1,823.44	1/2	1,474.22	1/2	1,124.65	1/2	774.99	1/2	425.30	1/2	75.70	1/2	
3/4	4,081.40	3/4	3,928.50	3/4	3,766.90	3/4	3,605.30	3/4	3,443.71	3/4	3,215.41	3/4	2,865.49	3/4	2,515.64	3/4	2,165.84	3/4	1,816.15	3/4	1,466.96	3/4	1,117.36	3/4	767.71	3/4	418.01	3/4	69.52	3/4	
8	4,079.86	8	3,925.13	8	3,763.53	8	3,601.94	8	3,440.34	8	3,208.12	8	2,858.20	8	2,508.35	8	2,158.55	8	1,808.87	8	1,459.70	8	1,110.08	8	760.43	8	410.73	8	63.33	8	
1/4	4,078.31	1/4	3,921.76	1/4	3,760.17	1/4	3,598.57	1/4	3,436.97	1/4	3,200.83	1/4	2,850.91	1/4	2,501.06	1/4	2,151.26	1/4	1,801.59	1/4	1,452.43	1/4	1,102.79	1/4	753.15	1/4	403.44	1/4	57.14	1/4	
1/2	4,076.77	1/2	3,918.40	1/2	3,756.80	1/2	3,595.20	1/2	3,433.61	1/2	3,193.54	1/2	2,843.62	1/2	2,493.77	1/2	2,143.98	1/2	1,794.31	1/2	1,445.17	1/2	1,095.50	1/2	745.87	1/2	396.15	1/2	50.95	1/2	
3/4	4,074.02	3/4	3,915.03	3/4	3,753.43	3/4	3,591.84	3/4	3,430.24	3/4	3,186.25	3/4	2,836.33	3/4	2,486.48	3/4	2,136.69	3/4	1,787.02	3/4	1,437.91	3/4	1,088.22	3/4	738.59	3/4	388.86	3/4	46.01	3/4	
9	4,071.27	9	3,911.66	9	3,750.07	9	3,588.47	9	3,426.87	9	3,178.96	9	2,829.05	9	2,479.19	9	2,129.40	9	1,779.74	9	1,430.65	9	1,080.93	9	731.31	9	381.57	9	41.06	9	
1/4	4,068.52	1/4	3,908.30	1/4	3,746.70	1/4	3,585.10	1/4	3,423.51	1/4	3,171.67	1/4	2,821.76	1/4	2,471.91	1/4	2,122.12	1/4	1,772.46	1/4	1,423.39	1/4	1,073.64	1/4	724.02	1/4	374.28	1/4	36.12	1/4	
1/2	4,065.77	1/2	3,904.93	1/2	3,743.33	1/2	3,581.74	1/2	3,420.14	1/2	3,164.38	1/2	2,814.47	1/2	2,464.62	1/2	2,114.83	1/2	1,765.18	1/2	1,416.13	1/2	1,066.36	1/2	716.74	1/2	366.99	1/2	31.18	1/2	
3/4	4,062.49	3/4	3,901.56	3/4	3,739.97	3/4	3,578.37	3/4	3,416.77	3/4	3,157.09	3/4	2,807.18	3/4	2,457.33	3/4	2,107.54	3/4	1,757.90	3/4	1,408.84	3/4	1,059.07	3/4	709.46	3/4	359.70	3/4	27.48	3/4	
10	4,059.22	10	3,898.20	10	3,736.60	10	3,575.00	10	3,413.41	10	3,149.80	10	2,799.89	10	2,450.04	10	2,100.26	10	1,750.61	10	1,401.55	10	1,051.78	10	702.18	10	352.41	10	23.77	10	
1/4	4,055.94	1/4	3,894.83	1/4	3,733.23	1/4	3,571.64	1/4	3,410.04	1/4	3,142.51	1/4	2,792.60	1/4	2,442.75	1/4	2,092.97	1/4	1,743.33	1/4	1,394.26	1/4	1,044.50	1/4	694.90	1/4	345.12	1/4	20.07	1/4	
1/2	4,052.67	1/2	3,891.46	1/2	3,729.87	1/2	3,568.27	1/2	3,406.67	1/2	3,135.22	1/2	2,785.31	1/2	2,435.47	1/2	2,085.68	1/2	1,736.05	1/2	1,386.98	1/2	1,037.21	1/2	687.62	1/2	337.84	1/2	16.36	1/2	
3/4	4,049.35	3/4	3,888.10	3/4	3,726.50	3/4	3,564.90	3/4	3,403.31	3/4	3,127.93	3/4	2,778.03	3/4	2,428.18	3/4	2,078.40	3/4	1,728.77	3/4	1,379.69	3/4	1,029.92	3/4	680.34	3/4	330.57	3/4	13.92	3/4	
11	4,046.04	11	3,884.73	11	3,723.13	11	3,561.54	11	3,399.94	11	3,120.64	11	2,770.74	11	2,420.89	11	2,071.11	11	1,721.48	11	1,372.40	11	1,022.64	11	673.06	11	323.30	11	11.47	11	
1/4	4,042.72	1/4	3,881.37	1/4	3,719.77	1/4	3,558.17	1/4	3,396.57	1/4	3,113.35	1/4	2,763.45	1/4	2,413.60	1/4	2,063.82	1/4	1,714.20	1/4	1,365.12	1/4	1,015.35	1/4	665.77	1/4	316.03	1/4	9.02	1/4	
1/2	4,039.41	1/2	3,878.00	1/2	3,716.40	1/2	3,554.80	1/2	3,393.21	1/2	3,106.06	1/2	2,756.16	1/2	2,406.31	1/2	2,056.54	1/2	1,706.92	1/2	1,357.83	1/2	1,008.07	1/2	658.49	1/2	308.76	1/2	6.57	1/2	
3/4	4,036.07	3/4	3,874.63	3/4	3,713.04	3/4	3,551.44	3/4	3,389.84	3/4	3,098.77	3/4	2,748.87	3/4	2,399.02	3/4	2,049.25	3/4	1,699.64	3/4	1,350.54	3/4	1,000.78	3/4	651.21	3/4	301.50	3/4		3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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 3703

JEFFBOAT 15-2282

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 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	4,029.39	0	3,868.04	0	3,706.61	0	3,545.18	0	3,383.75	0	3,082.63	0	2,732.31	0	2,382.00	0	2,031.80	0	1,681.63	0	1,332.03	0	982.01	0	633.68	0	283.53	0	
1/4		1/4	4,026.05	1/4	3,864.68	1/4	3,703.25	1/4	3,541.82	1/4	3,380.39	1/4	3,075.33	1/4	2,725.01	1/4	2,374.70	1/4	2,024.50	1/4	1,674.33	1/4	1,324.74	1/4	974.75	1/4	626.39	1/4	276.25	1/4	
1/2		1/2	4,022.70	1/2	3,861.31	1/2	3,699.89	1/2	3,538.46	1/2	3,377.03	1/2	3,068.03	1/2	2,717.72	1/2	2,367.40	1/2	2,017.21	1/2	1,667.04	1/2	1,317.44	1/2	967.50	1/2	619.09	1/2	268.97	1/2	
3/4		3/4	4,019.35	3/4	3,857.95	3/4	3,696.52	3/4	3,535.09	3/4	3,373.66	3/4	3,060.74	3/4	2,710.42	3/4	2,360.10	3/4	2,009.91	3/4	1,659.74	3/4	1,310.15	3/4	960.24	3/4	611.80	3/4	261.69	3/4	
1		1	4,016.00	1	3,854.59	1	3,693.16	1	3,531.73	1	3,370.30	1	3,053.44	1	2,703.12	1	2,352.80	1	2,002.62	1	1,652.45	1	1,302.85	1	952.99	1	604.50	1	254.41	1	
1/4		1/4	4,012.65	1/4	3,851.22	1/4	3,689.80	1/4	3,528.37	1/4	3,366.94	1/4	3,046.14	1/4	2,695.82	1/4	2,345.51	1/4	1,995.32	1/4	1,645.15	1/4	1,295.56	1/4	945.73	1/4	597.21	1/4	247.12	1/4	
1/2		1/2	4,009.29	1/2	3,847.86	1/2	3,686.43	1/2	3,525.00	1/2	3,363.57	1/2	3,038.84	1/2	2,688.52	1/2	2,338.21	1/2	1,988.03	1/2	1,637.86	1/2	1,288.26	1/2	938.48	1/2	589.91	1/2	239.83	1/2	
3/4		3/4	4,005.93	3/4	3,844.50	3/4	3,683.07	3/4	3,521.64	3/4	3,360.21	3/4	3,031.54	3/4	2,681.22	3/4	2,330.91	3/4	1,980.73	3/4	1,630.56	3/4	1,280.97	3/4	931.22	3/4	582.62	3/4	232.53	3/4	
2		2	4,002.57	2	3,841.14	2	3,679.71	2	3,518.28	2	3,356.85	2	3,024.25	2	2,673.93	2	2,323.61	2	1,973.44	2	1,623.27	2	1,273.67	2	923.97	2	575.32	2	225.23	2	
1/4		1/4	3,999.21	1/4	3,837.77	1/4	3,676.34	1/4	3,514.91	1/4	3,353.49	1/4	3,016.95	1/4	2,666.63	1/4	2,316.31	1/4	1,966.14	1/4	1,615.98	1/4	1,266.38	1/4	916.71	1/4	568.02	1/4	217.93	1/4	
1/2		1/2	3,995.85	1/2	3,834.41	1/2	3,672.98	1/2	3,511.55	1/2	3,350.12	1/2	3,009.65	1/2	2,659.33	1/2	2,309.01	1/2	1,958.85	1/2	1,608.71	1/2	1,259.08	1/2	909.46	1/2	560.72	1/2	210.63	1/2	
3/4		3/4	3,992.48	3/4	3,831.05	3/4	3,669.62	3/4	3,508.19	3/4	3,346.76	3/4	3,002.35	3/4	2,652.03	3/4	2,301.72	3/4	1,951.55	3/4	1,601.44	3/4	1,251.79	3/4	902.20	3/4	553.43	3/4	203.33	3/4	
3		3	3,989.12	3	3,827.68	3	3,666.25	3	3,504.83	3	3,343.40	3	2,995.05	3	2,644.73	3	2,294.42	3	1,944.25	3	1,594.17	3	1,244.49	3	894.95	3	546.13	3	196.03	3	
1/4		1/4	3,985.75	1/4	3,824.32	1/4	3,662.89	1/4	3,501.46	1/4	3,338.07	1/4	2,987.75	1/4	2,637.44	1/4	2,287.13	1/4	1,936.96	1/4	1,586.90	1/4	1,237.20	1/4	887.70	1/4	538.83	1/4	188.74	1/4	
1/2		1/2	3,982.39	1/2	3,820.96	1/2	3,659.53	1/2	3,498.10	1/2	3,330.77	1/2	2,980.46	1/2	2,630.14	1/2	2,279.83	1/2	1,929.66	1/2	1,579.63	1/2	1,229.90	1/2	880.44	1/2	531.54	1/2	181.44	1/2	
3/4		3/4	3,979.02	3/4	3,817.59	3/4	3,656.16	3/4	3,494.74	3/4	3,323.48	3/4	2,973.16	3/4	2,622.84	3/4	2,272.54	3/4	1,922.37	3/4	1,572.36	3/4	1,222.61	3/4	873.19	3/4	524.24	3/4	174.14	3/4	
4		4	3,975.66	4	3,814.23	4	3,652.80	4	3,491.37	4	3,316.18	4	2,965.86	4	2,615.54	4	2,265.24	4	1,915.07	4	1,565.08	4	1,215.31	4	865.94	4	516.94	4	166.84	4	
1/4		1/4	3,972.30	1/4	3,810.87	1/4	3,649.44	1/4	3,488.01	1/4	3,308.88	1/4	2,958.56	1/4	2,608.24	1/4	2,257.95	1/4	1,907.78	1/4	1,557.81	1/4	1,208.02	1/4	858.68	1/4	509.64	1/4	159.54	1/4	
1/2		1/2	3,968.93	1/2	3,807.50	1/2	3,646.08	1/2	3,484.65	1/2	3,301.58	1/2	2,951.26	1/2	2,600.94	1/2	2,250.65	1/2	1,900.48	1/2	1,550.54	1/2	1,200.72	1/2	851.43	1/2	502.34	1/2	152.24	1/2	
3/4		3/4	3,965.57	3/4	3,804.14	3/4	3,642.71	3/4	3,481.28	3/4	3,294.28	3/4	2,943.96	3/4	2,593.65	3/4	2,243.36	3/4	1,893.19	3/4	1,543.27	3/4	1,193.43	3/4	844.18	3/4	495.04	3/4	144.94	3/4	
5		5	3,962.21	5	3,800.78	5	3,639.35	5	3,477.92	5	3,286.98	5	2,936.67	5	2,586.35	5	2,236.06	5	1,885.89	5	1,536.00	5	1,186.13	5	836.92	5	487.74	5	137.64	5	
1/4		1/4	3,958.84	1/4	3,797.41	1/4	3,635.99	1/4	3,474.56	1/4	3,279.69	1/4	2,929.37	1/4	2,579.05	1/4	2,228.77	1/4	1,878.60	1/4	1,528.73	1/4	1,178.84	1/4	829.67	1/4	480.45	1/4	130.35	1/4	
1/2		1/2	3,955.48	1/2	3,794.05	1/2	3,632.62	1/2	3,471.19	1/2	3,272.39	1/2	2,922.07	1/2	2,571.75	1/2	2,221.47	1/2	1,871.30	1/2	1,521.46	1/2	1,171.54	1/2	822.42	1/2	473.15	1/2	123.05	1/2	
3/4		3/4	3,952.12	3/4	3,790.69	3/4	3,629.26	3/4	3,467.83	3/4	3,265.09	3/4	2,914.77	3/4	2,564.45	3/4	2,214.18	3/4	1,864.01	3/4	1,514.19	3/4	1,164.25	3/4	815.17	3/4	465.85	3/4	115.75	3/4	
6 1/8	4,085.83	6	3,948.75	6	3,787.33	6	3,625.90	6	3,464.47	6	3,257.79	6	2,907.47	6	2,557.15	6	2,206.88	6	1,856.71	6	1,506.92	6	1,156.95	6	807.91	6	458.55	6	108.45	6	
1/4	4,085.66	1/4	3,945.39	1/4	3,783.96	1/4	3,622.53	1/4	3,461.10	1/4	3,250.49	1/4	2,900.17	1/4	2,549.86	1/4	2,199.59	1/4	1,849.42	1/4	1,499.64	1/4	1,149.66	1/4	800.66	1/4	451.25	1/4	101.16	1/4	
1/2	4,085.34	1/2	3,942.03	1/2	3,780.60	1/2	3,619.17	1/2	3,457.74	1/2	3,243.19	1/2	2,892.88	1/2	2,542.56	1/2	2,192.29	1/2	1,842.12	1/2	1,492.37	1/2	1,142.36	1/2	793.41	1/2	443.95	1/2	93.86	1/2	
3/4	4,085.02	3/4	3,938.67	3/4	3,777.24	3/4	3,615.81	3/4	3,454.38	3/4	3,235.90	3/4	2,885.58	3/4	2,535.26	3/4	2,185.00	3/4	1,834.83	3/4	1,485.10	3/4	1,135.07	3/4	786.15	3/4	436.65	3/4	86.57	3/4	
7	4,084.70	7	3,935.30	7	3,773.87	7	3,612.44	7	3,451.02	7	3,228.60	7	2,878.28	7	2,527.96	7	2,177.70	7	1,827.53	7	1,477.83	7	1,127.77	7	778.90	7	429.35	7	79.27	7	
1/4	4,083.77	1/4	3,931.94	1/4	3,770.51	1/4	3,609.08	1/4	3,447.65	1/4	3,221.30	1/4	2,870.98	1/4	2,520.66	1/4	2,170.41	1/4	1,820.24	1/4	1,470.56	1/4	1,120.48	1/4	771.65	1/4	422.06	1/4	72.53	1/4	
1/2	4,082.23	1/2	3,928.58	1/2	3,767.15	1/2	3,605.72	1/2	3,444.29	1/2	3,214.00	1/2	2,863.68	1/2	2,513.36	1/2	2,163.11	1/2	1,812.94	1/2	1,463.29	1/2	1,113.18	1/2	764.39	1/2	414.76	1/2	66.33	1/2	
3/4	4,080.69	3/4	3,925.21	3/4	3,763.78	3/4	3,602.36	3/4	3,440.93	3/4	3,206.70	3/4	2,856.38	3/4	2,506.07	3/4	2,155.82	3/4	1,805.65	3/4	1,456.02	3/4	1,105.89	3/4	757.14	3/4	407.46	3/4	60.14	3/4	
8	4,079.15	8	3,921.85	8	3,760.42	8	3,598.99	8	3,437.56	8	3,199.40	8	2,849.09	8	2,498.77	8	2,148.52	8	1,798.35	8	1,448.75	8	1,098.59	8	749.89	8	400.16	8	53.94	8	
1/4	4,077.01	1/4	3,918.49	1/4	3,757.06	1/4	3,595.63	1/4	3,434.20	1/4	3,192.11	1/4	2,841.79	1/4	2,491.47	1/4	2,141.23	1/4	1,791.06	1/4	1,441.46	1/4	1,091.30	1/4	742.63	1/4	392.86	1/4	48.37	1/4	
1/2	4,074.26	1/2	3,915.12	1/2	3,753.69	1/2	3,592.27	1/2	3,430.84	1/2	3,184.81	1/2	2,834.49	1/2	2,484.17	1/2	2,133.93	1/2	1,783.76	1/2	1,434.17	1/2	1,084.00	1/2	735.38	1/2	385.56	1/2	43.43	1/2	
3/4	4,071.51	3/4	3,911.76	3/4	3,750.33	3/4	3,588.90	3/4	3,427.47	3/4	3,177.51	3/4	2,827.19	3/4	2,476.87	3/4	2,126.63	3/4	1,776.47	3/4	1,426.87	3/4	1,076.71	3/4	728.13	3/4	378.26	3/4	38.48	3/4	
9	4,068.77	9	3,908.40	9	3,746.97	9	3,585.54	9	3,424.11	9	3,170.21	9	2,819.89	9	2,469.57	9	2,119.34	9	1,769.17	9	1,419.58	9	1,069.41	9	720.88	9	370.96	9	33.54	9	
1/4	4,065.76	1/4	3,905.03	1/4	3,743.61	1/4	3,582.18	1/4	3,420.75	1/4	3,162.91	1/4	2,812.59	1/4	2,462.28	1/4	2,112.04	1/4	1,761.87	1/4	1,412.28	1/4	1,062.12	1/4	713.62	1/4	363.67	1/4	29.22	1/4	
1/2	4,062.49	1/2	3,901.67	1/2	3,740.24	1/2	3,578.81	1/2	3,417.38	1/2	3,155.61	1/2	2,805.30	1/2	2,454.98	1/2	2,104.75	1/2	1,754.58	1/2	1,404.98	1/2	1,054.82	1/2	706.37	1/2	356.37	1/2	25.51	1/2	
3/4	4,059.22	3/4	3,898.31	3/4	3,736.88	3/4	3,575.45	3/4	3,414.02	3/4	3,148.32	3/4	2,798.00	3/4	2,447.68	3/4	2,097.45	3/4	1,747.28	3/4	1,397.69	3/4	1,047.53	3/4	699.12	3/4	349.07	3/4	21.81	3/4	
10	4,055.95	10	3,894.94	10	3,733.52	10	3,572.09	10	3,410.66	10	3,141.02	10	2,790.70	10	2,440.38	10	2,090.16	10	1,739.99	10	1,390.39	10	1,040.23	10	691.86	10	341.77	10	18.11	10	
1/4	4,052.66	1/4	3,891.58	1/4	3,730.15	1/4	3,568.72	1/4	3,407.30	1/4	3,133.72	1/4	2,783.40	1/4	2,433.08	1/4	2,082.86	1/4	1,732.69	1/4	1,383.10	1/4	1,032.94	1/4	684.61	1/4	334.48	1/4	15.03	1/4	
1/2	4,049.34	1/2	3,888.22	1/2	3,726.79	1/2	3,565.36	1/2	3,403.93	1/2	3,126.42	1/2	2,776.10	1/2	2,425.78	1/2	2,075.57	1/2	1,725.40	1/2	1,375.80	1/2	1,025.64	1/2	677.35	1/2	327.20	1/2	12.59	1/2	
3/4	4,046.03	3/4	3,884.86	3/4	3,723.43	3/4	3,562.00	3/4	3,400.57	3/4	3,119.12	3/4	2,768.80	3/4	2,418.49	3/4	2,068.27	3/4	1,718.10	3/4	1,368.51	3/4	1,018.35	3/4	670.10	3/4	319.92	3/4	10.14	3/4	
11	4,042.72	11	3,881.49	11	3,720.06	11	3,558.63	11	3,397.21	11	3,111.82	11	2,761.51	11	2,411.19	11	2,060.98	11	1,710.81	11	1,361.21	11	1,011.05	11	662.85	11	312.64	11	7.70	11	
1/4	4,039.40	1/4	3,878.13	1/4	3,716.70	1/4	3,555.27	1/4	3,393.84	1/4	3,104.53	1/4	2,754.21	1/4	2,403.89	1/4	2,053.68	1/4	1,703.51	1/4	1,353.92	1/4	1,003.77	1/4	655.57	1/4	305.37	1/8	6.48	1/4	
1/2	4,036.06	1/2	3,874.77	1/2	3,713.34	1/2	3,551.91	1/2	3,390.48	1/2	3,097.23	1/2	2,746.91	1/2	2,396.59	1/2	2,046.39	1/2	1,696.22	1/2	1,346.62	1/2	996.52	1/2	648.28	1/2	298.09	1/2		1/2	
3/4	4,032.73	3/4	3,871.40	3/4	3,709.97	3/4	3,548.55	3/4	3,387.12	3/4	3,089.93	3/4	2,739.61	3/4	2,389.29	3/4	2,039.09	3/4	1,688.92	3/4	1,339.33	3/4	989.26	3/4	640.98	3/4	290.81	3/4		3/4	

NOTE: GAUGE POINT: TO TOP LIP OF BALL VALVE, ON 18" DECK PIPE.
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: 09/21/2016 BY: JM
DATE COMPUTED: 09/24/2016 BY: CL
DATE ISSUED: 09/24/2016

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.