



BARGE: MM 148

ULLAGE TRIM TABLE

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-00"

December 2, 2015



BARGE: MM 148
JEFFBOAT 14-2899

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

REFERENCE GAUGE HEIGHT: 16'-01 3/4"

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	0	4,484.51	0	4,243.57	0	4,002.63	0	3,761.13	0	3,518.92	0	3,202.51	0	2,852.31	0	2,502.10	0	2,151.88	0	1,801.67	0	1,451.46	0	1,101.25	0	751.09	0	400.95	0	52.59
1/4	1/4	1/4	4,479.49	1/4	4,238.55	1/4	3,997.61	1/4	3,756.08	1/4	3,513.87	1/4	3,195.22	1/4	2,845.01	1/4	2,494.80	1/4	2,144.59	1/4	1,794.38	1/4	1,444.16	1/4	1,093.95	1/4	743.80	1/4	393.65	1/4	46.21
1/2	1/2	1/2	4,474.47	1/2	4,233.53	1/2	3,992.59	1/2	3,751.04	1/2	3,508.83	1/2	3,187.92	1/2	2,837.72	1/2	2,487.51	1/2	2,137.29	1/2	1,787.08	1/2	1,436.87	1/2	1,086.65	1/2	736.50	1/2	386.35	1/2	39.83
3/4	3/4	3/4	4,469.45	3/4	4,228.51	3/4	3,987.57	3/4	3,745.99	3/4	3,503.78	3/4	3,180.63	3/4	2,830.42	3/4	2,480.21	3/4	2,130.00	3/4	1,779.78	3/4	1,429.57	3/4	1,079.36	3/4	729.21	3/4	379.06	3/4	33.46
1	1	1	4,464.43	1	4,223.49	1	3,982.55	1	3,740.95	1	3,498.73	1	3,173.33	1	2,823.13	1	2,472.91	1	2,122.70	1	1,772.49	1	1,422.27	1	1,072.06	1	721.92	1	371.76	1	28.90
1/4	1/4	1/4	4,459.41	1/4	4,218.47	1/4	3,977.53	1/4	3,735.90	1/4	3,493.69	1/4	3,166.04	1/4	2,815.83	1/4	2,465.62	1/4	2,115.40	1/4	1,765.19	1/4	1,414.98	1/4	1,064.77	1/4	714.62	1/4	364.47	1/4	24.34
1/2	1/2	1/2	4,454.39	1/2	4,213.45	1/2	3,972.51	1/2	3,730.85	1/2	3,488.64	1/2	3,158.74	1/2	2,808.53	1/2	2,458.32	1/2	2,108.11	1/2	1,757.90	1/2	1,407.68	1/2	1,057.47	1/2	707.33	1/2	357.17	1/2	19.78
3/4	3/4	3/4	4,449.37	3/4	4,208.43	3/4	3,967.49	3/4	3,725.81	3/4	3,483.60	3/4	3,151.45	3/4	2,801.24	3/4	2,451.02	3/4	2,100.81	3/4	1,750.60	3/4	1,400.39	3/4	1,050.17	3/4	700.03	3/4	349.87	3/4	15.22
2	2	2	4,444.35	2	4,203.41	2	3,962.47	2	3,720.76	2	3,478.55	2	3,144.15	2	2,793.94	2	2,443.73	2	2,093.52	2	1,743.30	2	1,393.09	2	1,042.88	2	692.74	2	342.58	2	---
1/4	1/4	1/4	4,439.33	1/4	4,198.39	1/4	3,957.45	1/4	3,715.72	1/4	3,473.50	1/4	3,136.86	1/4	2,786.65	1/4	2,436.43	1/4	2,086.22	1/4	1,736.01	1/4	1,385.79	1/4	1,035.58	1/4	685.44	1/4	335.28	1/4	---
1/2	1/2	1/2	4,434.31	1/2	4,193.37	1/2	3,952.43	1/2	3,710.67	1/2	3,468.46	1/2	3,129.56	1/2	2,779.35	1/2	2,429.14	1/2	2,078.92	1/2	1,728.71	1/2	1,378.50	1/2	1,028.29	1/2	678.15	1/2	327.99	1/2	---
3/4	3/4	3/4	4,429.29	3/4	4,188.35	3/4	3,947.41	3/4	3,705.62	3/4	3,463.41	3/4	3,122.27	3/4	2,772.05	3/4	2,421.84	3/4	2,071.63	3/4	1,721.41	3/4	1,371.20	3/4	1,020.99	3/4	670.85	3/4	320.69	3/4	---
3	3	3	4,424.27	3	4,183.33	3	3,942.39	3	3,700.58	3	3,458.36	3	3,114.97	3	2,764.76	3	2,414.54	3	2,064.33	3	1,714.12	3	1,363.91	3	1,013.69	3	663.56	3	313.40	3	---
1/4	1/4	1/4	4,419.25	1/4	4,178.31	1/4	3,937.37	1/4	3,695.53	1/4	3,453.32	1/4	3,107.67	1/4	2,757.46	1/4	2,407.25	1/4	2,057.04	1/4	1,706.82	1/4	1,356.61	1/4	1,006.40	1/4	656.27	1/4	306.10	1/4	---
1/2	1/2	1/2	4,414.24	1/2	4,173.29	1/2	3,932.35	1/2	3,690.49	1/2	3,448.27	1/2	3,100.38	1/2	2,750.17	1/2	2,399.95	1/2	2,049.74	1/2	1,699.53	1/2	1,349.31	1/2	999.10	1/2	648.97	1/2	298.80	1/2	---
3/4	3/4	3/4	4,409.22	3/4	4,168.27	3/4	3,927.33	3/4	3,685.44	3/4	3,443.23	3/4	3,093.08	3/4	2,742.87	3/4	2,392.66	3/4	2,042.44	3/4	1,692.23	3/4	1,342.02	3/4	991.80	3/4	641.68	3/4	291.51	3/4	---
4	4	4	4,404.20	4	4,163.26	4	3,922.31	4	3,680.39	4	3,435.93	4	3,085.79	4	2,735.57	4	2,385.36	4	2,035.15	4	1,684.93	4	1,334.72	4	984.51	4	634.38	4	284.21	4	---
1/4	1/4	1/4	4,399.18	1/4	4,158.24	1/4	3,917.29	1/4	3,675.35	1/4	3,428.64	1/4	3,078.49	1/4	2,728.28	1/4	2,378.06	1/4	2,027.85	1/4	1,677.64	1/4	1,327.43	1/4	977.22	1/4	627.09	1/4	276.92	1/4	---
1/2	1/2	1/2	4,394.16	1/2	4,153.22	1/2	3,912.28	1/2	3,670.30	1/2	3,421.34	1/2	3,071.19	1/2	2,720.98	1/2	2,370.77	1/2	2,020.56	1/2	1,670.34	1/2	1,320.13	1/2	969.92	1/2	619.79	1/2	269.62	1/2	---
3/4	3/4	3/4	4,389.14	3/4	4,148.20	3/4	3,907.26	3/4	3,665.25	3/4	3,414.05	3/4	3,063.90	3/4	2,713.68	3/4	2,363.47	3/4	2,013.26	3/4	1,663.05	3/4	1,312.83	3/4	962.63	3/4	612.50	3/4	262.32	3/4	---
5	5	5	4,384.12	5	4,143.18	5	3,902.24	5	3,660.21	5	3,406.75	5	3,056.60	5	2,706.39	5	2,356.18	5	2,005.96	5	1,655.75	5	1,305.54	5	955.33	5	605.20	5	255.03	5	---
1/4	1/4	1/4	4,379.10	1/4	4,138.16	1/4	3,897.22	1/4	3,655.16	1/4	3,399.46	1/4	3,049.31	1/4	2,699.09	1/4	2,348.88	1/4	1,998.67	1/4	1,648.45	1/4	1,298.24	1/4	948.04	1/4	597.91	1/4	247.73	1/4	---
1/2	1/2	1/2	4,374.08	1/2	4,133.14	1/2	3,892.20	1/2	3,650.12	1/2	3,392.17	1/2	3,042.01	1/2	2,691.80	1/2	2,341.58	1/2	1,991.37	1/2	1,641.16	1/2	1,290.95	1/2	940.74	1/2	590.62	1/2	240.44	1/2	---
3/4	3/4	3/4	4,369.06	3/4	4,128.12	3/4	3,887.18	3/4	3,645.07	3/4	3,384.87	3/4	3,034.71	3/4	2,684.50	3/4	2,334.29	3/4	1,984.07	3/4	1,633.86	3/4	1,283.65	3/4	933.45	3/4	583.32	3/4	233.14	3/4	---
6	6	6	4,364.04	6	4,123.10	6	3,882.16	6	3,640.02	6	3,377.58	6	3,027.42	6	2,677.20	6	2,326.99	6	1,976.78	6	1,626.57	6	1,276.35	6	926.16	6	576.03	6	225.85	6	---
1/4	1/4	1/4	4,359.02	1/4	4,118.08	1/4	3,877.14	1/4	3,634.98	1/4	3,370.28	1/4	3,020.12	1/4	2,669.91	1/4	2,319.70	1/4	1,969.48	1/4	1,619.27	1/4	1,269.06	1/4	918.86	1/4	568.73	1/4	218.56	1/4	---
1/2	1/2	1/2	4,354.00	1/2	4,113.06	1/2	3,872.12	1/2	3,629.93	1/2	3,362.99	1/2	3,012.82	1/2	2,662.61	1/2	2,312.40	1/2	1,962.19	1/2	1,611.97	1/2	1,261.76	1/2	911.57	1/2	561.44	1/2	211.26	1/2	---
3/4	3/4	3/4	4,589.16	3/4	4,348.98	3/4	4,108.04	3/4	3,867.10	3/4	3,624.89	3/4	3,355.69	3/4	3,005.53	3/4	2,655.32	3/4	2,305.10	3/4	1,954.89	3/4	1,604.68	3/4	1,254.46	3/4	904.27	3/4	554.14	3/4	203.97
7	7	7	4,584.23	7	4,343.96	7	4,103.02	7	3,862.05	7	3,619.84	7	3,348.40	7	2,998.23	7	2,648.02	7	2,297.81	7	1,947.59	7	1,597.38	7	1,247.17	7	896.98	7	546.85	7	196.68
1/4	1/4	1/4	4,579.30	1/4	4,338.94	1/4	4,098.00	1/4	3,857.01	1/4	3,614.79	1/4	3,341.10	1/4	2,990.94	1/4	2,640.72	1/4	2,290.51	1/4	1,940.30	1/4	1,590.09	1/4	1,239.87	1/4	889.68	1/4	539.55	1/4	189.39
1/2	1/2	1/2	4,574.37	1/2	4,333.92	1/2	4,092.98	1/2	3,851.96	1/2	3,609.75	1/2	3,333.81	1/2	2,983.64	1/2	2,633.43	1/2	2,283.21	1/2	1,933.00	1/2	1,582.79	1/2	1,232.58	1/2	882.39	1/2	532.26	1/2	182.10
3/4	3/4	3/4	4,569.43	3/4	4,328.90	3/4	4,087.96	3/4	3,846.91	3/4	3,604.70	3/4	3,326.52	3/4	2,976.34	3/4	2,626.13	3/4	2,275.92	3/4	1,925.71	3/4	1,575.49	3/4	1,225.28	3/4	875.10	3/4	524.96	3/4	174.82
8	8	8	4,564.47	8	4,323.88	8	4,082.94	8	3,841.87	8	3,599.66	8	3,319.22	8	2,969.05	8	2,618.84	8	2,268.62	8	1,918.41	8	1,568.20	8	1,217.98	8	867.80	8	517.67	8	167.54
1/4	1/4	1/4	4,559.50	1/4	4,318.86	1/4	4,077.92	1/4	3,836.82	1/4	3,594.61	1/4	3,311.93	1/4	2,961.75	1/4	2,611.54	1/4	2,261.33	1/4	1,911.11	1/4	1,560.90	1/4	1,210.69	1/4	860.51	1/4	510.38	1/4	160.26
1/2	1/2	1/2	4,554.53	1/2	4,313.84	1/2	4,072.90	1/2	3,831.78	1/2	3,589.56	1/2	3,304.63	1/2	2,954.46	1/2	2,604.24	1/2	2,254.03	1/2	1,903.82	1/2	1,553.60	1/2	1,203.39	1/2	853.21	1/2	503.08	1/2	152.98
3/4	3/4	3/4	4,549.56	3/4	4,308.82	3/4	4,067.88	3/4	3,826.73	3/4	3,584.52	3/4	3,297.34	3/4	2,947.16	3/4	2,596.95	3/4	2,246.73	3/4	1,896.52	3/4	1,546.31	3/4	1,196.10	3/4	845.92	3/4	495.79	3/4	145.71
9	9	9	4,544.57	9	4,303.80	9	4,062.86	9	3,821.68	9	3,579.47	9	3,290.04	9	2,939.86	9	2,589.65	9	2,239.44	9	1,889.23	9	1,539.01	9	1,188.80	9	838.62	9			



BARGE: MM 148
JEFFBOAT 14-2899

3 PORT
ULLAGE TABLE

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 1/2"

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	0	4,476.70	0	4,235.82	0	3,994.94	0	3,753.47	0	3,511.32	0	3,192.75	0	2,842.60	0	2,492.45	0	2,142.29	0	1,792.21	0	1,442.39	0	1,092.92	0	743.54	0	393.57	0	46.20		
1/4	1/4	1/4	4,471.69	1/4	4,230.80	1/4	3,989.92	1/4	3,748.43	1/4	3,506.28	1/4	3,185.45	1/4	2,835.31	1/4	2,485.15	1/4	2,135.00	1/4	1,784.92	1/4	1,435.11	1/4	1,085.63	1/4	736.27	1/4	386.27	1/4	39.82		
1/2	1/2	1/2	4,466.67	1/2	4,225.79	1/2	3,984.90	1/2	3,743.39	1/2	3,501.23	1/2	3,178.16	1/2	2,828.01	1/2	2,477.86	1/2	2,127.70	1/2	1,777.63	1/2	1,427.83	1/2	1,078.33	1/2	728.99	1/2	378.98	1/2	33.44		
3/4	3/4	3/4	4,461.65	3/4	4,220.77	3/4	3,979.88	3/4	3,738.34	3/4	3,496.19	3/4	3,170.87	3/4	2,820.72	3/4	2,470.56	3/4	2,120.41	3/4	1,770.34	3/4	1,420.55	3/4	1,071.04	3/4	721.71	3/4	371.68	3/4	28.89		
1	1	1	4,456.63	1	4,215.75	1	3,974.87	1	3,733.30	1	3,491.15	1	3,163.57	1	2,813.42	1	2,463.27	1	2,113.11	1	1,763.05	1	1,413.27	1	1,063.75	1	714.44	1	364.39	1	24.33		
1/4	1/4	1/4	4,451.61	1/4	4,210.73	1/4	3,969.85	1/4	3,728.25	1/4	3,486.10	1/4	3,156.28	1/4	2,806.13	1/4	2,455.97	1/4	2,105.82	1/4	1,755.77	1/4	1,405.99	1/4	1,056.45	1/4	707.16	1/4	357.10	1/4	19.77		
1/2	1/2	1/2	4,446.59	1/2	4,205.71	1/2	3,964.83	1/2	3,723.21	1/2	3,481.06	1/2	3,148.99	1/2	2,798.83	1/2	2,448.68	1/2	2,098.52	1/2	1,748.48	1/2	1,398.71	1/2	1,049.16	1/2	699.88	1/2	349.80	1/2	15.21		
3/4	3/4	3/4	4,441.58	3/4	4,200.69	3/4	3,959.81	3/4	3,718.16	3/4	3,476.01	3/4	3,141.69	3/4	2,791.54	3/4	2,441.38	3/4	2,091.23	3/4	1,741.19	3/4	1,391.43	3/4	1,041.88	3/4	692.59	3/4	342.51	3/4	15.21		
2	2	2	4,436.56	2	4,195.67	2	3,954.79	2	3,713.12	2	3,470.97	2	3,134.40	2	2,784.24	2	2,434.09	2	2,083.93	2	1,733.91	2	1,384.15	2	1,034.60	2	685.30	2	335.21	2	15.21		
1/4	1/4	1/4	4,431.54	1/4	4,190.66	1/4	3,949.77	1/4	3,708.07	1/4	3,465.92	1/4	3,127.10	1/4	2,776.95	1/4	2,426.79	1/4	2,076.64	1/4	1,726.62	1/4	1,376.87	1/4	1,027.33	1/4	678.01	1/4	327.92	1/4	15.21		
1/2	1/2	1/2	4,426.52	1/2	4,185.64	1/2	3,944.75	1/2	3,703.03	1/2	3,460.88	1/2	3,119.81	1/2	2,769.65	1/2	2,419.50	1/2	2,069.34	1/2	1,719.33	1/2	1,369.59	1/2	1,020.05	1/2	670.71	1/2	320.62	1/2	15.21		
3/4	3/4	3/4	4,421.50	3/4	4,180.62	3/4	3,939.74	3/4	3,697.98	3/4	3,455.83	3/4	3,112.51	3/4	2,762.36	3/4	2,412.20	3/4	2,062.05	3/4	1,712.05	3/4	1,362.31	3/4	1,012.77	3/4	663.42	3/4	313.33	3/4	15.21		
3	3	3	4,416.48	3	4,175.60	3	3,934.72	3	3,692.94	3	3,450.79	3	3,105.22	3	2,755.06	3	2,404.91	3	2,054.75	3	1,704.76	3	1,355.03	3	1,005.49	3	656.13	3	306.03	3	15.21		
1/4	1/4	1/4	4,411.47	1/4	4,170.58	1/4	3,929.70	1/4	3,687.89	1/4	3,445.74	1/4	3,097.93	1/4	2,747.77	1/4	2,397.61	1/4	2,047.46	1/4	1,697.48	1/4	1,347.75	1/4	998.21	1/4	648.83	1/4	298.74	1/4	15.21		
1/2	1/2	1/2	4,406.45	1/2	4,165.56	1/2	3,924.68	1/2	3,682.85	1/2	3,440.70	1/2	3,090.63	1/2	2,740.47	1/2	2,390.32	1/2	2,040.16	1/2	1,690.19	1/2	1,340.47	1/2	990.93	1/2	641.54	1/2	291.44	1/2	15.21		
3/4	3/4	3/4	4,401.43	3/4	4,160.55	3/4	3,919.66	3/4	3,677.80	3/4	3,433.40	3/4	3,083.34	3/4	2,733.18	3/4	2,383.02	3/4	2,032.87	3/4	1,682.90	3/4	1,333.19	3/4	983.66	3/4	634.25	3/4	284.15	3/4	15.21		
4	4	4	4,396.41	4	4,155.53	4	3,914.64	4	3,672.76	4	3,426.11	4	3,076.04	4	2,725.89	4	2,375.73	4	2,025.57	4	1,675.62	4	1,325.91	4	976.38	4	626.96	4	276.86	4	15.21		
1/4	1/4	1/4	4,391.39	1/4	4,150.51	1/4	3,909.63	1/4	3,667.71	1/4	3,418.82	1/4	3,068.75	1/4	2,718.59	1/4	2,368.44	1/4	2,018.28	1/4	1,668.33	1/4	1,318.63	1/4	969.11	1/4	619.66	1/4	269.56	1/4	15.21		
1/2	1/2	1/2	4,386.37	1/2	4,145.49	1/2	3,904.61	1/2	3,662.67	1/2	3,411.53	1/2	3,061.45	1/2	2,711.30	1/2	2,361.14	1/2	2,010.98	1/2	1,661.04	1/2	1,311.35	1/2	961.83	1/2	612.37	1/2	262.27	1/2	15.21		
3/4	3/4	3/4	4,381.36	3/4	4,140.47	3/4	3,899.59	3/4	3,657.62	3/4	3,404.23	3/4	3,054.16	3/4	2,704.00	3/4	2,353.85	3/4	2,003.69	3/4	1,653.75	3/4	1,304.07	3/4	954.55	3/4	605.08	3/4	254.97	3/4	15.21		
5	5	5	4,376.34	5	4,135.45	5	3,894.57	5	3,652.58	5	3,396.94	5	3,046.86	5	2,696.71	5	2,346.55	5	1,996.39	5	1,646.47	5	1,296.79	5	947.28	5	597.78	5	247.68	5	15.21		
1/4	1/4	1/4	4,371.32	1/4	4,130.44	1/4	3,889.55	1/4	3,647.53	1/4	3,389.65	1/4	3,039.57	1/4	2,689.41	1/4	2,339.26	1/4	1,989.10	1/4	1,639.18	1/4	1,289.51	1/4	940.00	1/4	590.49	1/4	240.39	1/4	15.21		
1/2	1/2	1/2	4,366.30	1/2	4,125.42	1/2	3,884.53	1/2	3,642.49	1/2	3,382.36	1/2	3,032.27	1/2	2,682.12	1/2	2,331.96	1/2	1,981.80	1/2	1,631.89	1/2	1,282.23	1/2	932.73	1/2	583.20	1/2	233.09	1/2	15.21		
3/4	3/4	3/4	4,361.28	3/4	4,120.40	3/4	3,879.52	3/4	3,637.44	3/4	3,375.06	3/4	3,024.98	3/4	2,674.82	3/4	2,324.67	3/4	1,974.51	3/4	1,624.60	3/4	1,274.95	3/4	925.45	3/4	575.91	3/4	225.80	3/4	15.21		
6	6	6	4,356.26	6	4,115.38	6	3,874.50	6	3,632.40	6	3,367.77	6	3,017.68	6	2,667.53	6	2,317.37	6	1,967.21	6	1,617.32	6	1,267.67	6	918.17	6	568.61	6	218.51	6	15.21		
1/4	1/4	1/4	4,351.25	1/4	4,110.36	1/4	3,869.48	1/4	3,627.35	1/4	3,360.48	1/4	3,010.39	1/4	2,660.23	1/4	2,310.08	1/4	1,959.92	1/4	1,610.03	1/4	1,260.39	1/4	910.90	1/4	561.32	1/4	211.21	1/4	15.21		
1/2	1/2	1/2	4,586.34	1/2	4,346.23	1/2	4,105.34	1/2	3,864.46	1/2	3,622.31	1/2	3,353.18	1/2	3,003.09	1/2	2,652.94	1/2	2,302.78	1/2	1,952.62	1/2	1,602.75	1/2	1,253.11	1/2	903.62	1/2	554.03	1/2	203.92	1/2	15.21
3/4	3/4	3/4	4,581.41	3/4	4,341.21	3/4	4,100.33	3/4	3,859.42	3/4	3,617.27	3/4	3,345.89	3/4	2,995.80	3/4	2,645.64	3/4	2,295.49	3/4	1,945.33	3/4	1,595.46	3/4	1,245.83	3/4	896.35	3/4	546.73	3/4	196.64	3/4	15.21
7	7	7	4,576.48	7	4,336.19	7	4,095.31	7	3,854.37	7	3,612.22	7	3,338.60	7	2,988.50	7	2,638.35	7	2,288.19	7	1,938.03	7	1,588.18	7	1,238.55	7	889.07	7	539.44	7	189.35	7	15.21
1/4	1/4	1/4	4,571.55	1/4	4,331.17	1/4	4,090.29	1/4	3,849.33	1/4	3,607.18	1/4	3,331.31	1/4	2,981.21	1/4	2,631.05	1/4	2,280.90	1/4	1,930.74	1/4	1,580.89	1/4	1,231.27	1/4	881.80	1/4	532.15	1/4	182.06	1/4	15.21
1/2	1/2	1/2	4,566.62	1/2	4,326.15	1/2	4,085.27	1/2	3,844.28	1/2	3,602.13	1/2	3,324.01	1/2	2,973.91	1/2	2,623.76	1/2	2,273.60	1/2	1,923.44	1/2	1,573.60	1/2	1,223.99	1/2	874.52	1/2	524.86	1/2	174.78	1/2	15.21
3/4	3/4	3/4	4,561.66	3/4	4,321.13	3/4	4,080.25	3/4	3,839.24	3/4	3,597.09	3/4	3,316.72	3/4	2,966.62	3/4	2,616.46	3/4	2,266.31	3/4	1,916.15	3/4	1,566.32	3/4	1,216.71	3/4	867.24	3/4	517.56	3/4	167.50	3/4	15.21
8	8	8	4,556.69	8	4,316.12	8	4,075.23	8	3,834.19	8	3,592.04	8	3,309.43	8	2,959.32	8	2,609.17	8	2,259.01	8	1,908.85	8	1,559.03	8	1,209.43	8	859.97	8	510.27	8	160.23	8	15.21
1/4	1/4	1/4	4,551.72	1/4	4,311.10	1/4	4,070.21	1/4	3,829.15	1/4	3,587.00	1/4	3,302.14	1/4	2,952.03	1/4	2,601.87	1/4	2,251.72	1/4	1,901.56	1/4	1,551.74	1/4	1,202.15	1/4	852.69	1/4	502.98	1/4	152.95	1/4	15.21
1/2	1/2	1/2	4,546.76	1/2	4,306.08	1/2	4,065.20	1/2	3,824.10	1/2	3,581.95	1/2	3,294.84	1/2	2,944.73	1/2	2,594.58	1/2	2,244.42	1/2	1,894.26	1/2	1,544.45	1/2	1,194.87	1/2	845.41	1/2	495.68	1/2	145.67	1/2	15.21
3/4	3/4	3/4	4,541.77	3/4	4,301.06	3/4	4,060.18	3/4	3,819.06	3/4	3,576.91	3/4	3,287.55	3/4	2,937.44	3/4	2,587.28	3/4	2,237.13	3/4	1,886.97	3/4	1,537.17	3/4	1,187.59	3/4	838.14	3/4	488.39	3/4	138.42	3/4	15.21



BARGE: MM 148
JEFFBOAT 14-2899

2 STBD
ULLAGE TABLE

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 1/2"

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	0	4,951.94	0	4,602.43	0	4,252.92	0	3,902.83	0	3,552.05	0	3,201.26	0	2,850.39	0	2,499.51	0	2,148.63	0	1,797.75	0	1,446.87	0	1,096.00	0	745.22	0	394.38	0	46.29
1/4	1/4	1/4	4,944.66	1/4	4,595.15	1/4	4,245.64	1/4	3,895.52	1/4	3,544.74	1/4	3,193.95	1/4	2,843.08	1/4	2,492.20	1/4	2,141.32	1/4	1,790.44	1/4	1,439.56	1/4	1,088.69	1/4	737.91	1/4	387.07	1/4	39.90
1/2	1/2	1/2	4,937.37	1/2	4,587.87	1/2	4,238.36	1/2	3,888.21	1/2	3,537.43	1/2	3,186.65	1/2	2,835.77	1/2	2,484.89	1/2	2,134.01	1/2	1,783.13	1/2	1,432.25	1/2	1,081.38	1/2	730.60	1/2	379.76	1/2	33.52
3/4	3/4	3/4	4,930.09	3/4	4,580.59	3/4	4,231.08	3/4	3,880.91	3/4	3,530.12	3/4	3,179.34	3/4	2,828.46	3/4	2,477.58	3/4	2,126.70	3/4	1,775.82	3/4	1,424.94	3/4	1,074.07	3/4	723.29	3/4	372.45	3/4	28.95
1	1	1	4,922.81	1	4,573.30	1	4,223.80	1	3,873.60	1	3,522.81	1	3,172.03	1	2,821.15	1	2,470.27	1	2,119.39	1	1,768.51	1	1,417.63	1	1,066.76	1	715.98	1	365.14	1	24.38
1/4	1/4	1/4	4,915.53	1/4	4,566.02	1/4	4,216.52	1/4	3,866.29	1/4	3,515.51	1/4	3,164.72	1/4	2,813.84	1/4	2,462.96	1/4	2,112.08	1/4	1,761.20	1/4	1,410.32	1/4	1,059.45	1/4	708.68	1/4	357.83	1/4	19.81
1/2	1/2	1/2	4,908.25	1/2	4,558.74	1/2	4,209.23	1/2	3,858.98	1/2	3,508.20	1/2	3,157.41	1/2	2,806.53	1/2	2,455.65	1/2	2,104.77	1/2	1,753.89	1/2	1,403.01	1/2	1,052.14	1/2	701.37	1/2	350.52	1/2	15.24
3/4	3/4	3/4	4,900.97	3/4	4,551.46	3/4	4,201.95	3/4	3,851.67	3/4	3,500.89	3/4	3,150.10	3/4	2,799.22	3/4	2,448.34	3/4	2,097.46	3/4	1,746.58	3/4	1,395.70	3/4	1,044.83	3/4	694.06	3/4	343.21	3/4	---
2	2	2	4,893.69	2	4,544.18	2	4,194.67	2	3,844.37	2	3,493.58	2	3,142.79	2	2,791.91	2	2,441.03	2	2,090.15	2	1,739.27	2	1,388.39	2	1,037.53	2	686.75	2	335.90	2	---
1/4	1/4	1/4	4,886.41	1/4	4,536.90	1/4	4,187.39	1/4	3,837.06	1/4	3,486.27	1/4	3,135.48	1/4	2,784.60	1/4	2,433.72	1/4	2,082.84	1/4	1,731.96	1/4	1,381.08	1/4	1,030.22	1/4	679.44	1/4	328.59	1/4	---
1/2	1/2	1/2	4,879.12	1/2	4,529.62	1/2	4,180.11	1/2	3,829.75	1/2	3,478.97	1/2	3,128.17	1/2	2,777.29	1/2	2,426.41	1/2	2,075.53	1/2	1,724.65	1/2	1,373.77	1/2	1,022.91	1/2	672.13	1/2	321.28	1/2	---
3/4	3/4	3/4	4,871.84	3/4	4,522.34	3/4	4,172.83	3/4	3,822.44	3/4	3,471.66	3/4	3,120.86	3/4	2,769.98	3/4	2,419.10	3/4	2,068.22	3/4	1,717.34	3/4	1,366.46	3/4	1,015.61	3/4	664.82	3/4	313.97	3/4	---
3	3	3	4,864.56	3	4,515.05	3	4,165.55	3	3,815.13	3	3,464.35	3	3,113.55	3	2,762.67	3	2,411.79	3	2,060.91	3	1,710.03	3	1,359.15	3	1,008.30	3	657.51	3	306.66	3	---
1/4	1/4	1/4	4,857.28	1/4	4,507.77	1/4	4,158.27	1/4	3,807.83	1/4	3,457.04	1/4	3,106.24	1/4	2,755.36	1/4	2,404.48	1/4	2,053.60	1/4	1,702.72	1/4	1,351.84	1/4	1,000.99	1/4	650.20	1/4	299.35	1/4	---
1/2	1/2	1/2	4,850.00	1/2	4,500.49	1/2	4,150.98	1/2	3,800.52	1/2	3,449.73	1/2	3,098.93	1/2	2,748.05	1/2	2,397.17	1/2	2,046.29	1/2	1,695.41	1/2	1,344.53	1/2	993.68	1/2	642.89	1/2	292.04	1/2	---
3/4	3/4	3/4	4,842.72	3/4	4,493.21	3/4	4,143.70	3/4	3,793.21	3/4	3,442.43	3/4	3,091.62	3/4	2,740.74	3/4	2,389.86	3/4	2,038.98	3/4	1,688.10	3/4	1,337.22	3/4	986.38	3/4	635.58	3/4	284.74	3/4	---
4	4	4	4,835.44	4	4,485.93	4	4,136.42	4	3,785.90	4	3,435.12	4	3,084.31	4	2,733.43	4	2,382.55	4	2,031.67	4	1,680.79	4	1,329.91	4	979.07	4	628.27	4	277.43	4	---
1/4	1/4	1/4	4,828.15	1/4	4,478.65	1/4	4,129.14	1/4	3,778.59	1/4	3,427.81	1/4	3,077.00	1/4	2,726.12	1/4	2,375.24	1/4	2,024.36	1/4	1,673.48	1/4	1,322.60	1/4	971.76	1/4	620.96	1/4	270.12	1/4	---
1/2	1/2	1/2	4,820.87	1/2	4,471.37	1/2	4,121.86	1/2	3,771.29	1/2	3,420.50	1/2	3,069.69	1/2	2,718.81	1/2	2,367.93	1/2	2,017.05	1/2	1,666.17	1/2	1,315.29	1/2	964.45	1/2	613.65	1/2	262.81	1/2	---
3/4	3/4	3/4	4,813.59	3/4	4,464.08	3/4	4,114.58	3/4	3,763.98	3/4	3,413.19	3/4	3,062.38	3/4	2,711.50	3/4	2,360.62	3/4	2,009.74	3/4	1,658.86	3/4	1,307.98	3/4	957.15	3/4	606.34	3/4	255.50	3/4	---
5	5	5	4,806.31	5	4,456.80	5	4,107.30	5	3,756.67	5	3,405.89	5	3,055.07	5	2,704.19	5	2,353.31	5	2,002.43	5	1,651.55	5	1,300.67	5	949.84	5	599.04	5	248.19	5	---
1/4	1/4	1/4	4,799.03	1/4	4,449.52	1/4	4,100.01	1/4	3,749.36	1/4	3,398.58	1/4	3,047.76	1/4	2,696.88	1/4	2,346.00	1/4	1,995.12	1/4	1,644.24	1/4	1,293.36	1/4	942.53	1/4	591.73	1/4	240.88	1/4	---
1/2	1/2	1/2	4,791.75	1/2	4,442.24	1/2	4,092.73	1/2	3,742.05	1/2	3,391.27	1/2	3,040.45	1/2	2,689.57	1/2	2,338.69	1/2	1,987.81	1/2	1,636.93	1/2	1,286.05	1/2	935.23	1/2	584.42	1/2	233.57	1/2	---
3/4	3/4	3/4	4,784.47	3/4	4,434.96	3/4	4,085.45	3/4	3,734.75	3/4	3,383.96	3/4	3,033.14	3/4	2,682.26	3/4	2,331.38	3/4	1,980.50	3/4	1,629.62	3/4	1,278.74	3/4	927.92	3/4	577.11	3/4	226.26	3/4	---
6	6	6	4,777.18	6	4,427.68	6	4,078.17	6	3,727.44	6	3,376.65	6	3,025.83	6	2,674.95	6	2,324.07	6	1,973.19	6	1,622.31	6	1,271.43	6	920.61	6	569.80	6	218.96	6	---
1/4	1/4	1/4	4,769.90	1/4	4,420.40	1/4	4,070.89	1/4	3,720.13	1/4	3,369.35	1/4	3,018.52	1/4	2,667.64	1/4	2,316.76	1/4	1,965.88	1/4	1,615.00	1/4	1,264.12	1/4	913.30	1/4	562.49	1/4	211.65	1/4	---
1/2	1/2	1/2	5,111.36	1/2	4,762.62	1/2	4,413.11	1/2	4,063.61	1/2	3,712.82	1/2	3,362.04	1/2	3,011.21	1/2	2,660.33	1/2	2,309.45	1/2	1,958.57	1/2	1,607.69	1/2	1,256.81	1/2	906.00	1/2	555.18	1/2	204.34
3/4	3/4	3/4	5,104.17	3/4	4,755.34	3/4	4,405.83	3/4	4,056.30	3/4	3,705.51	3/4	3,354.73	3/4	3,003.90	3/4	2,653.02	3/4	2,302.14	3/4	1,951.26	3/4	1,600.38	3/4	1,249.50	3/4	898.69	3/4	547.87	3/4	197.04
7	7	7	5,096.98	7	4,748.06	7	4,398.55	7	4,048.99	7	3,698.21	7	3,347.42	7	2,996.59	7	2,645.71	7	2,294.83	7	1,943.95	7	1,593.07	7	1,242.19	7	891.38	7	540.56	7	189.74
1/4	1/4	1/4	5,089.78	1/4	4,740.78	1/4	4,391.27	1/4	4,041.68	1/4	3,691.90	1/4	3,340.11	1/4	2,989.28	1/4	2,638.40	1/4	2,287.52	1/4	1,936.64	1/4	1,585.76	1/4	1,234.88	1/4	884.08	1/4	533.25	1/4	182.44
1/2	1/2	1/2	5,082.59	1/2	4,733.50	1/2	4,383.99	1/2	4,034.37	1/2	3,683.59	1/2	3,332.81	1/2	2,981.97	1/2	2,631.09	1/2	2,280.21	1/2	1,929.33	1/2	1,578.45	1/2	1,227.57	1/2	876.77	1/2	525.94	1/2	175.14
3/4	3/4	3/4	5,075.36	3/4	4,726.21	3/4	4,376.71	3/4	4,027.07	3/4	3,676.28	3/4	3,325.50	3/4	2,974.66	3/4	2,623.78	3/4	2,272.90	3/4	1,922.02	3/4	1,571.14	3/4	1,220.26	3/4	869.46	3/4	518.63	3/4	167.84
8	8	8	5,068.13	8	4,718.93	8	4,369.43	8	4,019.76	8	3,669.97	8	3,318.19	8	2,967.35	8	2,616.47	8	2,265.59	8	1,914.71	8	1,563.83	8	1,212.95	8	862.15	8	511.32	8	160.55
1/4	1/4	1/4	5,060.90	1/4	4,711.65	1/4	4,362.14	1/4	4,012.45	1/4	3,661.67	1/4	3,310.88	1/4	2,960.04	1/4	2,609.16	1/4	2,258.28	1/4	1,907.40	1/4	1,556.52	1/4	1,205.64	1/4	854.85	1/4	504.01	1/4	153.26
1/2	1/2	1/2	5,053.67	1/2	4,704.37	1/2	4,354.86	1/2	4,005.14	1/2	3,654.36	1/2	3,303.57	1/2	2,952.73	1/2	2,601.85	1/2	2,250.97	1/2	1,900.09	1/2	1,549.21	1/2	1,198.33	1/2	847.54	1/2	496.71	1/2	145.97
3/4	3/4	3/4	5,046.42	3/4	4,697.09	3/4	4,347.58	3/4	3,997.83	3/4	3,647.05	3/4	3,296.27	3/4	2,945.42	3/4	2,594.54	3/4	2,243.66	3/4	1,892.78	3/4	1,541.90	3/4	1,191.02	3/4	840.23	3/4	489.40	3/4	138.70
9	9	9	5,039.17	9	4,689.81	9	4,340.30	9	3,990.53	9	3,639.74	9	3,288.96	9	2,938.11	9	2,587.23	9	2,236.35	9	1,885.47	9	1,534.59	9	1,183.71	9	832.93				



BARGE: MM 148
JEFFBOAT 14-2899

2 PORT
ULLAGE TABLE

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	0	4,942.94	0	4,593.44	0	4,243.94	0	3,893.82	0	3,543.04	0	3,192.26	0	2,841.40	0	2,490.52	0	2,139.65	0	1,788.77	0	1,438.11	0	1,087.95	0	737.90	0	387.06	0	39.90
1/4	1/4	1/4	4,935.66	1/4	4,586.16	1/4	4,236.66	1/4	3,886.51	1/4	3,535.74	1/4	3,184.96	1/4	2,834.09	1/4	2,483.21	1/4	2,132.34	1/4	1,781.46	1/4	1,430.81	1/4	1,080.66	1/4	730.59	1/4	379.75	1/4	33.51
1/2	1/2	1/2	4,928.38	1/2	4,578.88	1/2	4,229.37	1/2	3,879.21	1/2	3,528.43	1/2	3,177.65	1/2	2,826.78	1/2	2,475.90	1/2	2,125.03	1/2	1,774.15	1/2	1,423.52	1/2	1,073.37	1/2	723.28	1/2	372.44	1/2	28.95
3/4	3/4	3/4	4,921.10	3/4	4,571.60	3/4	4,222.09	3/4	3,871.90	3/4	3,521.12	3/4	3,170.34	3/4	2,819.47	3/4	2,468.59	3/4	2,117.72	3/4	1,766.84	3/4	1,416.22	3/4	1,066.07	3/4	715.97	3/4	365.13	3/4	24.38
1	1	1	4,913.82	1	4,564.31	1	4,214.81	1	3,864.59	1	3,513.81	1	3,163.03	1	2,812.16	1	2,461.28	1	2,110.41	1	1,759.54	1	1,408.93	1	1,058.78	1	708.66	1	357.82	1	19.81
1/4	1/4	1/4	4,906.53	1/4	4,557.03	1/4	4,207.53	1/4	3,857.28	1/4	3,506.50	1/4	3,155.72	1/4	2,804.85	1/4	2,453.97	1/4	2,103.10	1/4	1,752.23	1/4	1,401.63	1/4	1,051.49	1/4	701.35	1/4	350.51	1/4	15.24
1/2	1/2	1/2	4,899.25	1/2	4,549.75	1/2	4,200.25	1/2	3,849.98	1/2	3,499.20	1/2	3,148.41	1/2	2,797.54	1/2	2,446.66	1/2	2,095.79	1/2	1,744.92	1/2	1,394.34	1/2	1,044.20	1/2	694.05	1/2	343.20	1/2	
3/4	3/4	3/4	4,891.97	3/4	4,542.47	3/4	4,192.97	3/4	3,842.67	3/4	3,491.89	3/4	3,141.10	3/4	2,790.23	3/4	2,439.35	3/4	2,088.48	3/4	1,737.61	3/4	1,387.04	3/4	1,036.90	3/4	686.74	3/4	335.89	3/4	
2	2	2	4,884.69	2	4,535.19	2	4,185.69	2	3,835.36	2	3,484.58	2	3,133.79	2	2,782.92	2	2,432.04	2	2,081.17	2	1,730.31	2	1,379.75	2	1,029.61	2	679.43	2	328.59	2	
1/4	1/4	1/4	4,877.41	1/4	4,527.91	1/4	4,178.40	1/4	3,828.05	1/4	3,477.27	1/4	3,126.48	1/4	2,775.61	1/4	2,424.73	1/4	2,073.86	1/4	1,723.00	1/4	1,372.45	1/4	1,022.32	1/4	672.12	1/4	321.28	1/4	
1/2	1/2	1/2	4,870.13	1/2	4,520.63	1/2	4,171.12	1/2	3,820.74	1/2	3,469.96	1/2	3,119.18	1/2	2,768.30	1/2	2,417.42	1/2	2,066.55	1/2	1,715.70	1/2	1,365.16	1/2	1,015.03	1/2	664.81	1/2	313.97	1/2	
3/4	3/4	3/4	4,862.85	3/4	4,513.34	3/4	4,163.84	3/4	3,813.44	3/4	3,462.66	3/4	3,111.87	3/4	2,760.99	3/4	2,410.11	3/4	2,059.24	3/4	1,708.39	3/4	1,357.86	3/4	1,007.74	3/4	657.50	3/4	306.66	3/4	
3	3	3	4,855.57	3	4,506.06	3	4,156.56	3	3,806.13	3	3,455.35	3	3,104.56	3	2,753.68	3	2,402.80	3	2,051.93	3	1,701.09	3	1,350.57	3	1,000.45	3	650.19	3	299.35	3	
1/4	1/4	1/4	4,848.28	1/4	4,498.78	1/4	4,149.28	1/4	3,798.82	1/4	3,448.04	1/4	3,097.25	1/4	2,746.37	1/4	2,395.49	1/4	2,044.62	1/4	1,693.78	1/4	1,343.27	1/4	993.15	1/4	642.88	1/4	292.04	1/4	
1/2	1/2	1/2	4,841.00	1/2	4,491.50	1/2	4,142.00	1/2	3,791.51	1/2	3,440.73	1/2	3,089.94	1/2	2,739.06	1/2	2,388.19	1/2	2,037.31	1/2	1,686.47	1/2	1,335.98	1/2	985.86	1/2	635.57	1/2	284.73	1/2	
3/4	3/4	3/4	4,833.72	3/4	4,484.22	3/4	4,134.72	3/4	3,784.20	3/4	3,433.42	3/4	3,082.63	3/4	2,731.75	3/4	2,380.88	3/4	2,030.00	3/4	1,679.16	3/4	1,328.68	3/4	978.57	3/4	628.26	3/4	277.42	3/4	
4	4	4	4,826.44	4	4,476.94	4	4,127.44	4	3,776.90	4	3,426.12	4	3,075.32	4	2,724.44	4	2,373.57	4	2,022.69	4	1,671.85	4	1,321.39	4	971.28	4	620.95	4	270.11	4	
1/4	1/4	1/4	4,819.16	1/4	4,469.66	1/4	4,120.15	1/4	3,769.59	1/4	3,418.81	1/4	3,068.01	1/4	2,717.13	1/4	2,366.26	1/4	2,015.38	1/4	1,664.55	1/4	1,314.09	1/4	963.99	1/4	613.64	1/4	262.80	1/4	
1/2	1/2	1/2	4,811.88	1/2	4,462.38	1/2	4,112.87	1/2	3,762.28	1/2	3,411.50	1/2	3,060.70	1/2	2,709.82	1/2	2,358.95	1/2	2,008.07	1/2	1,657.24	1/2	1,306.80	1/2	956.69	1/2	606.34	1/2	255.49	1/2	
3/4	3/4	3/4	4,804.60	3/4	4,455.09	3/4	4,105.59	3/4	3,754.97	3/4	3,404.19	3/4	3,053.39	3/4	2,702.51	3/4	2,351.64	3/4	2,000.76	3/4	1,649.93	3/4	1,299.50	3/4	949.40	3/4	599.03	3/4	248.18	3/4	
5	5	5	4,797.32	5	4,447.81	5	4,098.31	5	3,747.66	5	3,396.89	5	3,046.08	5	2,695.20	5	2,344.33	5	1,993.45	5	1,642.62	5	1,292.21	5	942.11	5	591.72	5	240.88	5	
1/4	1/4	1/4	4,790.03	1/4	4,440.53	1/4	4,091.03	1/4	3,740.36	1/4	3,389.58	1/4	3,038.77	1/4	2,687.89	1/4	2,337.02	1/4	1,986.14	1/4	1,635.31	1/4	1,284.91	1/4	934.82	1/4	584.41	1/4	233.57	1/4	
1/2	1/2	1/2	4,782.75	1/2	4,433.25	1/2	4,083.75	1/2	3,733.05	1/2	3,382.27	1/2	3,031.46	1/2	2,680.58	1/2	2,329.71	1/2	1,978.83	1/2	1,628.00	1/2	1,277.62	1/2	927.53	1/2	577.10	1/2	226.26	1/2	
3/4	3/4	3/4	4,775.47	3/4	4,425.97	3/4	4,076.47	3/4	3,725.74	3/4	3,374.96	3/4	3,024.15	3/4	2,673.27	3/4	2,322.40	3/4	1,971.52	3/4	1,620.69	3/4	1,270.32	3/4	920.24	3/4	569.79	3/4	218.95	3/4	
6	6	6	4,768.19	6	4,418.69	6	4,069.19	6	3,718.43	6	3,367.65	6	3,016.84	6	2,665.96	6	2,315.09	6	1,964.21	6	1,613.38	6	1,263.03	6	912.94	6	562.48	6	211.64	6	
1/4	1/4	1/4	5,109.65	1/4	4,760.91	1/4	4,411.41	1/4	4,061.90	1/4	3,711.12	1/4	3,360.35	1/4	3,009.53	1/4	2,658.65	1/4	2,307.78	1/4	1,956.90	1/4	1,606.07	1/4	1,255.73	1/4	905.65	1/4	555.17	1/4	204.34
1/2	1/2	1/2	5,102.46	1/2	4,753.63	1/2	4,404.13	1/2	4,054.60	1/2	3,703.82	1/2	3,353.04	1/2	3,002.22	1/2	2,651.34	1/2	2,300.47	1/2	1,949.59	1/2	1,598.76	1/2	1,248.44	1/2	898.36	1/2	547.86	1/2	197.04
3/4	3/4	3/4	5,095.27	3/4	4,746.35	3/4	4,396.84	3/4	4,047.29	3/4	3,696.51	3/4	3,345.73	3/4	2,994.91	3/4	2,644.03	3/4	2,293.16	3/4	1,942.28	3/4	1,591.45	3/4	1,241.14	3/4	891.07	3/4	540.55	3/4	189.73
7	7	7	5,088.07	7	4,739.07	7	4,389.56	7	4,039.98	7	3,689.20	7	3,338.42	7	2,987.60	7	2,636.72	7	2,285.85	7	1,934.97	7	1,584.14	7	1,233.85	7	883.79	7	533.24	7	182.43
1/4	1/4	1/4	5,080.88	1/4	4,731.78	1/4	4,382.28	1/4	4,032.67	1/4	3,681.89	1/4	3,331.11	1/4	2,980.29	1/4	2,629.41	1/4	2,278.54	1/4	1,927.66	1/4	1,576.83	1/4	1,226.55	1/4	876.50	1/4	525.93	1/4	175.13
1/2	1/2	1/2	5,073.65	1/2	4,724.50	1/2	4,375.00	1/2	4,025.36	1/2	3,674.59	1/2	3,323.81	1/2	2,972.98	1/2	2,622.10	1/2	2,271.23	1/2	1,920.35	1/2	1,569.52	1/2	1,219.26	1/2	869.21	1/2	518.62	1/2	167.84
3/4	3/4	3/4	5,066.42	3/4	4,717.22	3/4	4,367.72	3/4	4,018.06	3/4	3,667.28	3/4	3,316.50	3/4	2,965.67	3/4	2,614.79	3/4	2,263.92	3/4	1,913.04	3/4	1,562.21	3/4	1,211.96	3/4	861.92	3/4	511.32	3/4	160.55
8	8	8	5,059.19	8	4,709.94	8	4,360.44	8	4,010.75	8	3,659.97	8	3,309.19	8	2,958.36	8	2,607.48	8	2,256.61	8	1,905.73	8	1,554.90	8	1,204.67	8	854.63	8	504.01	8	153.26
1/4	1/4	1/4	5,051.96	1/4	4,702.66	1/4	4,353.16	1/4	4,003.44	1/4	3,652.66	1/4	3,301.88	1/4	2,951.05	1/4	2,600.17	1/4	2,249.30	1/4	1,898.42	1/4	1,547.59	1/4	1,197.37	1/4	847.34	1/4	496.70	1/4	145.97
1/2	1/2	1/2	5,044.71	1/2	4,695.38	1/2	4,345.87	1/2	3,996.13	1/2	3,645.35	1/2	3,294.57	1/2	2,943.74	1/2	2,592.86	1/2	2,241.99	1/2	1,891.11	1/2	1,540.28	1/2	1,190.08	1/2	840.05	1/2	489.39	1/2	138.70
3/4	3/4	3/4	5,037.46	3/4	4,688.10	3/4	4,338.59	3/4	3,988.83	3/4	3,638.05	3/4	3,287.27	3/4	2,936.43	3/4	2,585.55	3/4	2,234.68	3/4	1,883.80	3/4	1,532.97	3/4	1,182.78	3/4	832.76	3/4	482.08	3/4	131.42
9	9	9	5,030.21	9	4,680.81	9	4,331.31	9	3,981.52	9	3,630.74	9	3,279.96	9	2,929.12	9	2,578.24	9	2,227.37	9	1,876.49	9	1,525.66	9	1,175.49	9	825.47	9	474.77		



BARGE: MM 148
JEFFBOAT 14-2899

1 STBD
ULLAGE TABLE

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 1/2"

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	0	4,589.49	0	4,261.43	0	3,933.36	0	3,604.70	0	3,275.36	0	2,946.02	0	2,616.59	0	2,287.15	0	1,957.70	0	1,628.26	0	1,298.86	0	969.50	0	640.08	0	316.56	0	34.67
1/4	1/4	1/4	4,582.66	1/4	4,254.59	1/4	3,926.52	1/4	3,597.84	1/4	3,268.50	1/4	2,939.16	1/4	2,609.72	1/4	2,280.28	1/4	1,950.84	1/4	1,621.40	1/4	1,292.00	1/4	962.64	1/4	633.21	1/4	310.15	1/4	30.09
1/2	1/2	1/2	4,575.83	1/2	4,247.76	1/2	3,919.69	1/2	3,590.98	1/2	3,261.64	1/2	2,932.30	1/2	2,602.86	1/2	2,273.42	1/2	1,943.98	1/2	1,614.53	1/2	1,285.14	1/2	955.78	1/2	626.35	1/2	303.74	1/2	25.51
3/4	3/4	3/4	4,568.99	3/4	4,240.92	3/4	3,912.85	3/4	3,584.12	3/4	3,254.78	3/4	2,925.44	3/4	2,596.00	3/4	2,266.55	3/4	1,937.11	3/4	1,607.67	3/4	1,278.28	3/4	948.91	3/4	619.49	3/4	297.41	3/4	22.72
1	1	1	4,562.16	1	4,234.09	1	3,906.02	1	3,577.26	1	3,247.92	1	2,918.57	1	2,589.13	1	2,259.69	1	1,930.25	1	1,600.81	1	1,271.42	1	942.05	1	612.63	1	291.08	1	19.93
1/4	1/4	1/4	4,555.32	1/4	4,227.25	1/4	3,899.18	1/4	3,570.40	1/4	3,241.05	1/4	2,911.71	1/4	2,582.27	1/4	2,252.83	1/4	1,923.38	1/4	1,593.94	1/4	1,264.56	1/4	935.19	1/4	605.76	1/4	284.75	1/4	17.14
1/2	1/2	1/2	4,548.49	1/2	4,220.42	1/2	3,892.35	1/2	3,563.54	1/2	3,234.19	1/2	2,904.85	1/2	2,575.41	1/2	2,245.96	1/2	1,916.52	1/2	1,587.08	1/2	1,257.70	1/2	928.32	1/2	598.90	1/2	278.42	1/2	14.35
3/4	3/4	3/4	4,541.65	3/4	4,213.58	3/4	3,885.51	3/4	3,556.67	3/4	3,227.33	3/4	2,897.99	3/4	2,568.54	3/4	2,239.10	3/4	1,909.66	3/4	1,580.21	3/4	1,250.84	3/4	921.46	3/4	592.04	3/4	272.17	3/4	
2	2	2	4,534.82	2	4,206.75	2	3,878.68	2	3,549.81	2	3,220.47	2	2,891.12	2	2,561.68	2	2,232.24	2	1,902.79	2	1,573.35	2	1,243.98	2	914.60	2	585.17	2	265.92	2	
1/4	1/4	1/4	4,527.98	1/4	4,199.91	1/4	3,871.84	1/4	3,542.95	1/4	3,213.61	1/4	2,884.26	1/4	2,554.82	1/4	2,225.37	1/4	1,895.93	1/4	1,566.49	1/4	1,237.12	1/4	907.73	1/4	578.31	1/4	259.67	1/4	
1/2	1/2	1/2	4,521.15	1/2	4,193.08	1/2	3,865.01	1/2	3,536.09	1/2	3,206.75	1/2	2,877.40	1/2	2,547.95	1/2	2,218.51	1/2	1,889.07	1/2	1,559.62	1/2	1,230.26	1/2	900.87	1/2	571.45	1/2	253.42	1/2	
3/4	3/4	3/4	4,514.32	3/4	4,186.24	3/4	3,858.17	3/4	3,529.23	3/4	3,199.89	3/4	2,870.53	3/4	2,541.09	3/4	2,211.65	3/4	1,882.20	3/4	1,552.76	3/4	1,223.40	3/4	894.01	3/4	564.58	3/4	247.25	3/4	
3	3	3	4,507.48	3	4,179.41	3	3,851.34	3	3,522.37	3	3,193.03	3	2,863.67	3	2,534.23	3	2,204.78	3	1,875.34	3	1,545.90	3	1,216.54	3	887.15	3	557.72	3	241.08	3	
1/4	1/4	1/4	4,500.65	1/4	4,172.58	1/4	3,844.50	1/4	3,515.51	1/4	3,186.16	1/4	2,856.81	1/4	2,527.36	1/4	2,197.92	1/4	1,868.48	1/4	1,539.03	1/4	1,209.67	1/4	880.28	1/4	550.86	1/4	234.92	1/4	
1/2	1/2	1/2	4,493.81	1/2	4,165.74	1/2	3,837.67	1/2	3,508.65	1/2	3,179.30	1/2	2,849.94	1/2	2,520.50	1/2	2,191.06	1/2	1,861.61	1/2	1,532.17	1/2	1,202.81	1/2	873.42	1/2	544.00	1/2	228.75	1/2	
3/4	3/4	3/4	4,486.98	3/4	4,158.91	3/4	3,830.84	3/4	3,501.78	3/4	3,172.44	3/4	2,843.08	3/4	2,513.64	3/4	2,184.19	3/4	1,854.75	3/4	1,525.31	3/4	1,195.95	3/4	866.56	3/4	537.13	3/4	222.66	3/4	
4	4	4	4,480.14	4	4,152.07	4	3,824.00	4	3,494.92	4	3,165.58	4	2,836.22	4	2,506.77	4	2,177.33	4	1,847.89	4	1,518.44	4	1,189.09	4	859.69	4	530.27	4	216.57	4	
1/4	1/4	1/4	4,473.31	1/4	4,145.24	1/4	3,817.17	1/4	3,488.06	1/4	3,158.72	1/4	2,829.35	1/4	2,499.91	1/4	2,170.47	1/4	1,841.02	1/4	1,511.58	1/4	1,182.23	1/4	852.83	1/4	523.41	1/4	210.48	1/4	
1/2	1/2	1/2	4,466.47	1/2	4,138.40	1/2	3,810.33	1/2	3,481.20	1/2	3,151.86	1/2	2,822.49	1/2	2,493.05	1/2	2,163.60	1/2	1,834.16	1/2	1,504.72	1/2	1,175.37	1/2	845.97	1/2	516.54	1/2	204.40	1/2	
3/4	3/4	3/4	4,459.64	3/4	4,131.57	3/4	3,803.50	3/4	3,474.34	3/4	3,145.00	3/4	2,815.63	3/4	2,486.18	3/4	2,156.74	3/4	1,827.30	3/4	1,497.85	3/4	1,166.51	3/4	839.10	3/4	509.68	3/4	198.39	3/4	
5	5	5	4,452.80	5	4,124.73	5	3,796.66	5	3,467.48	5	3,138.14	5	2,808.76	5	2,479.32	5	2,149.88	5	1,820.43	5	1,490.99	5	1,161.65	5	832.24	5	502.82	5	192.38	5	
1/4	1/4	1/4	4,445.97	1/4	4,117.90	1/4	3,789.83	1/4	3,460.62	1/4	3,131.27	1/4	2,801.90	1/4	2,472.46	1/4	2,143.01	1/4	1,813.57	1/4	1,484.13	1/4	1,154.79	1/4	825.38	1/4	495.95	1/4	186.37	1/4	
1/2	1/2	1/2	4,439.13	1/2	4,111.06	1/2	3,782.99	1/2	3,453.76	1/2	3,124.41	1/2	2,795.04	1/2	2,465.59	1/2	2,136.15	1/2	1,806.71	1/2	1,477.26	1/2	1,147.93	1/2	818.52	1/2	489.09	1/2	180.37	1/2	
3/4	3/4	3/4	4,432.30	3/4	4,104.23	3/4	3,776.16	3/4	3,446.89	3/4	3,117.55	3/4	2,788.17	3/4	2,458.73	3/4	2,129.29	3/4	1,799.84	3/4	1,470.40	3/4	1,141.07	3/4	811.65	3/4	482.42	3/4	174.44	3/4	
6	6	6	4,425.46	6	4,097.39	6	3,769.32	6	3,440.03	6	3,110.69	6	2,781.31	6	2,451.87	6	2,122.42	6	1,792.98	6	1,463.54	6	1,134.21	6	804.79	6	475.75	6	168.52	6	
1/4	1/4	1/4	4,418.63	1/4	4,090.56	1/4	3,762.49	1/4	3,433.17	1/4	3,103.83	1/4	2,774.45	1/4	2,445.00	1/4	2,115.56	1/4	1,786.12	1/4	1,456.68	1/4	1,127.34	1/4	797.93	1/4	469.08	1/4	162.59	1/4	
1/2	1/2	1/2	4,411.79	1/2	4,083.72	1/2	3,755.65	1/2	3,426.31	1/2	3,096.97	1/2	2,767.58	1/2	2,438.14	1/2	2,108.70	1/2	1,779.25	1/2	1,449.82	1/2	1,120.48	1/2	791.06	1/2	462.41	1/2	156.67	1/2	
3/4	3/4	3/4	4,404.96	3/4	4,076.89	3/4	3,748.79	3/4	3,419.45	3/4	3,090.11	3/4	2,760.72	3/4	2,431.28	3/4	2,101.83	3/4	1,772.39	3/4	1,442.95	3/4	1,113.62	3/4	784.20	3/4	455.59	3/4	150.83	3/4	
7	7	7	4,400.12	7	4,070.05	7	3,741.93	7	3,412.59	7	3,083.24	7	2,753.86	7	2,424.41	7	2,094.97	7	1,765.53	7	1,436.09	7	1,106.76	7	777.34	7	448.78	7	144.99	7	
1/4	1/4	1/4	4,391.29	1/4	4,063.22	1/4	3,735.07	1/4	3,405.73	1/4	3,076.38	1/4	2,746.99	1/4	2,417.55	1/4	2,088.11	1/4	1,758.66	1/4	1,429.23	1/4	1,099.89	1/4	770.47	1/4	441.97	1/4	139.15	1/4	
1/2	1/2	1/2	4,384.45	1/2	4,056.38	1/2	3,728.21	1/2	3,398.86	1/2	3,069.52	1/2	2,740.13	1/2	2,410.69	1/2	2,081.24	1/2	1,751.80	1/2	1,422.37	1/2	1,093.03	1/2	763.61	1/2	435.16	1/2	133.31	1/2	
3/4	3/4	3/4	4,377.62	3/4	4,049.55	3/4	3,721.35	3/4	3,392.00	3/4	3,062.66	3/4	2,733.27	3/4	2,403.82	3/4	2,074.38	3/4	1,744.94	3/4	1,415.50	3/4	1,086.17	3/4	756.75	3/4	428.42	3/4	127.56	3/4	
8	8	8	4,370.78	8	4,042.71	8	3,714.48	8	3,385.14	8	3,055.80	8	2,726.40	8	2,396.96	8	2,067.52	8	1,738.07	8	1,408.64	8	1,079.31	8	749.89	8	421.69	8	121.82	8	
1/4	1/4	1/4	4,363.95	1/4	4,035.88	1/4	3,707.62	1/4	3,378.28	1/4	3,048.94	1/4	2,719.54	1/4	2,390.10	1/4	2,060.65	1/4	1,731.21	1/4	1,401.78	1/4	1,072.45	1/4	743.02	1/4	414.96	1/4	116.07	1/4	
1/2	1/2	1/2	4,357.11	1/2	4,029.04	1/2	3,700.76	1/2	3,371.42	1/2	3,042.08	1/2	2,712.68	1/2	2,383.23	1/2	2,053.79	1/2	1,724.35	1/2	1,394.92	1/2	1,065.58	1/2	736.16	1/2	408.23	1/2	110.32	1/2	
3/4	3/4	3/4	4,350.28	3/4	4,022.21	3/4	3,693.90	3/4	3,364.56	3/4	3,035.22	3/4	2,705.81	3/4	2,376.37	3/4	2,046.93	3/4	1,717.48	3/4	1,388.06	3/4	1,058.72	3/4	729.30	3/4	401.58	3/4	104.67	3/4	
9	9	9	4,343.45	9	4,015.37	9	3,687.04	9	3,357.70	9	3,028.35	9	2,698.95	9	2,369.51	9	2,040.06	9	1,710.62	9	1,381.19	9	1,051.86	9	722.43	9	394.92	9	99.02	9	
1/4	1/4	1/4	4,336.61	1/4	4,008.54	1/4	3,680.18	1/4	3,350.84	1/4																					



BARGE: MM 148
JEFFBOAT 14-2899

1 PORT
ULLAGE TABLE

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 1/2"

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	4,589.14	0	4,261.07	0	3,933.00	0	3,604.35	0	3,275.01	0	2,945.66	0	2,616.23	0	2,286.79	0	1,957.35	0	1,627.90	0	1,298.71	0	969.50	0	640.08	0	316.56	0	34.67
1/4	1/4	1/4	4,582.30	1/4	4,254.24	1/4	3,926.17	1/4	3,597.49	1/4	3,268.14	1/4	2,938.80	1/4	2,609.37	1/4	2,279.93	1/4	1,950.48	1/4	1,621.04	1/4	1,291.86	1/4	962.64	1/4	633.21	1/4	310.15	1/4	30.09
1/2	1/2	1/2	4,575.47	1/2	4,247.40	1/2	3,919.33	1/2	3,590.63	1/2	3,261.28	1/2	2,931.94	1/2	2,602.51	1/2	2,273.06	1/2	1,943.62	1/2	1,614.18	1/2	1,285.01	1/2	955.78	1/2	626.35	1/2	303.74	1/2	25.51
3/4	3/4	3/4	4,568.64	3/4	4,240.57	3/4	3,912.50	3/4	3,583.76	3/4	3,254.42	3/4	2,925.08	3/4	2,595.64	3/4	2,266.20	3/4	1,936.76	3/4	1,607.31	3/4	1,278.15	3/4	948.91	3/4	619.49	3/4	297.41	3/4	22.72
1	1	1	4,561.80	1	4,233.73	1	3,905.66	1	3,576.90	1	3,247.56	1	2,918.22	1	2,588.78	1	2,259.34	1	1,929.89	1	1,600.45	1	1,271.30	1	942.05	1	612.63	1	291.08	1	19.93
1/4	1/4	1/4	4,554.97	1/4	4,226.90	1/4	3,898.83	1/4	3,570.04	1/4	3,240.70	1/4	2,911.36	1/4	2,581.92	1/4	2,252.47	1/4	1,923.03	1/4	1,593.59	1/4	1,264.44	1/4	935.19	1/4	605.76	1/4	284.75	1/4	17.14
1/2	1/2	1/2	4,548.13	1/2	4,220.06	1/2	3,891.99	1/2	3,563.18	1/2	3,233.84	1/2	2,904.50	1/2	2,575.05	1/2	2,245.61	1/2	1,916.17	1/2	1,586.72	1/2	1,257.59	1/2	928.32	1/2	598.90	1/2	278.42	1/2	14.35
3/4	3/4	3/4	4,541.30	3/4	4,213.23	3/4	3,885.16	3/4	3,556.32	3/4	3,226.98	3/4	2,897.63	3/4	2,568.19	3/4	2,238.75	3/4	1,909.30	3/4	1,579.86	3/4	1,250.74	3/4	921.46	3/4	592.04	3/4	272.17	3/4	
2	2	2	4,534.46	2	4,206.39	2	3,878.32	2	3,549.46	2	3,220.11	2	2,890.77	2	2,561.33	2	2,231.88	2	1,902.44	2	1,573.00	2	1,243.88	2	914.60	2	585.17	2	265.92	2	
1/4	1/4	1/4	4,527.63	1/4	4,199.56	1/4	3,871.49	1/4	3,542.60	1/4	3,213.25	1/4	2,883.90	1/4	2,554.46	1/4	2,225.02	1/4	1,895.58	1/4	1,566.13	1/4	1,237.03	1/4	907.73	1/4	578.31	1/4	259.67	1/4	
1/2	1/2	1/2	4,520.79	1/2	4,192.72	1/2	3,864.65	1/2	3,535.73	1/2	3,206.39	1/2	2,877.04	1/2	2,547.60	1/2	2,218.16	1/2	1,888.71	1/2	1,559.27	1/2	1,230.18	1/2	900.87	1/2	571.45	1/2	253.42	1/2	
3/4	3/4	3/4	4,513.96	3/4	4,185.89	3/4	3,857.82	3/4	3,528.87	3/4	3,199.53	3/4	2,870.18	3/4	2,540.73	3/4	2,211.29	3/4	1,881.85	3/4	1,552.41	3/4	1,223.32	3/4	894.01	3/4	564.58	3/4	247.25	3/4	
3	3	3	4,507.12	3	4,179.05	3	3,850.98	3	3,522.01	3	3,192.67	3	2,863.31	3	2,533.87	3	2,204.43	3	1,874.99	3	1,545.54	3	1,216.47	3	887.15	3	557.72	3	241.08	3	
1/4	1/4	1/4	4,500.29	1/4	4,172.22	1/4	3,844.15	1/4	3,515.15	1/4	3,185.81	1/4	2,856.45	1/4	2,527.01	1/4	2,197.56	1/4	1,868.12	1/4	1,538.68	1/4	1,209.61	1/4	880.28	1/4	550.86	1/4	234.92	1/4	
1/2	1/2	1/2	4,493.45	1/2	4,165.38	1/2	3,837.31	1/2	3,508.29	1/2	3,178.95	1/2	2,849.59	1/2	2,520.14	1/2	2,190.70	1/2	1,861.26	1/2	1,531.82	1/2	1,202.76	1/2	873.42	1/2	544.00	1/2	228.75	1/2	
3/4	3/4	3/4	4,486.62	3/4	4,158.55	3/4	3,830.48	3/4	3,501.43	3/4	3,172.09	3/4	2,842.72	3/4	2,513.28	3/4	2,183.84	3/4	1,854.39	3/4	1,524.96	3/4	1,195.91	3/4	866.56	3/4	537.13	3/4	222.66	3/4	
4	4	4	4,479.79	4	4,151.71	4	3,823.64	4	3,494.57	4	3,165.22	4	2,835.86	4	2,506.42	4	2,176.97	4	1,847.53	4	1,518.10	4	1,189.05	4	859.69	4	530.27	4	216.57	4	
1/4	1/4	1/4	4,472.95	1/4	4,144.88	1/4	3,816.81	1/4	3,487.71	1/4	3,158.36	1/4	2,829.00	1/4	2,499.55	1/4	2,170.11	1/4	1,840.67	1/4	1,511.24	1/4	1,182.20	1/4	852.83	1/4	523.41	1/4	210.48	1/4	
1/2	1/2	1/2	4,466.12	1/2	4,138.05	1/2	3,809.97	1/2	3,480.84	1/2	3,151.50	1/2	2,822.13	1/2	2,492.69	1/2	2,163.25	1/2	1,833.80	1/2	1,504.38	1/2	1,175.34	1/2	845.97	1/2	516.54	1/2	204.40	1/2	
3/4	3/4	3/4	4,459.28	3/4	4,131.21	3/4	3,803.14	3/4	3,473.98	3/4	3,144.64	3/4	2,815.27	3/4	2,485.83	3/4	2,156.38	3/4	1,826.94	3/4	1,497.52	3/4	1,168.49	3/4	839.10	3/4	509.68	3/4	198.39	3/4	
5	5	5	4,452.45	5	4,124.38	5	3,796.31	5	3,467.12	5	3,137.78	5	2,808.41	5	2,478.96	5	2,149.52	5	1,820.08	5	1,490.66	5	1,161.64	5	832.24	5	502.82	5	192.38	5	
1/4	1/4	1/4	4,445.61	1/4	4,117.54	1/4	3,789.47	1/4	3,460.26	1/4	3,130.92	1/4	2,801.54	1/4	2,472.10	1/4	2,142.66	1/4	1,813.21	1/4	1,483.80	1/4	1,154.78	1/4	825.38	1/4	495.95	1/4	186.37	1/4	
1/2	1/2	1/2	4,438.78	1/2	4,110.71	1/2	3,782.64	1/2	3,453.40	1/2	3,124.06	1/2	2,794.68	1/2	2,465.24	1/2	2,135.79	1/2	1,806.35	1/2	1,476.94	1/2	1,147.93	1/2	818.52	1/2	489.09	1/2	180.37	1/2	
3/4	3/4	3/4	4,431.94	3/4	4,103.87	3/4	3,775.80	3/4	3,446.54	3/4	3,117.20	3/4	2,787.82	3/4	2,458.37	3/4	2,128.93	3/4	1,799.49	3/4	1,470.08	3/4	1,141.07	3/4	811.65	3/4	482.42	3/4	174.44	3/4	
6	6	6	4,425.11	6	4,097.04	6	3,768.97	6	3,439.68	6	3,110.33	6	2,780.95	6	2,451.51	6	2,122.07	6	1,792.62	6	1,463.23	6	1,134.21	6	804.79	6	475.75	6	168.52	6	
1/4	1/4	1/4	4,418.27	1/4	4,090.20	1/4	3,762.13	1/4	3,432.82	1/4	3,103.47	1/4	2,774.09	1/4	2,444.65	1/4	2,115.20	1/4	1,785.76	1/4	1,456.37	1/4	1,127.34	1/4	797.93	1/4	469.08	1/4	162.59	1/4	
1/2	1/2	1/2	4,411.44	1/2	4,083.37	1/2	3,755.30	1/2	3,425.95	1/2	3,096.61	1/2	2,767.23	1/2	2,437.78	1/2	2,108.34	1/2	1,778.90	1/2	1,449.52	1/2	1,120.48	1/2	791.06	1/2	462.41	1/2	156.67	1/2	
3/4	3/4	3/4	4,404.60	3/4	4,076.53	3/4	3,748.44	3/4	3,419.09	3/4	3,089.75	3/4	2,760.36	3/4	2,430.92	3/4	2,101.48	3/4	1,772.03	3/4	1,442.66	3/4	1,113.62	3/4	784.20	3/4	455.59	3/4	150.83	3/4	
7	7	7	4,397.77	7	4,069.70	7	3,741.57	7	3,412.23	7	3,082.89	7	2,753.50	7	2,424.06	7	2,094.61	7	1,765.17	7	1,435.81	7	1,106.76	7	777.34	7	448.78	7	144.99	7	
1/4	1/4	1/4	4,390.93	1/4	4,062.86	1/4	3,734.71	1/4	3,405.37	1/4	3,076.03	1/4	2,746.64	1/4	2,417.19	1/4	2,087.75	1/4	1,758.31	1/4	1,428.95	1/4	1,099.89	1/4	770.47	1/4	441.97	1/4	139.15	1/4	
1/2	1/2	1/2	4,384.10	1/2	4,056.03	1/2	3,727.85	1/2	3,398.51	1/2	3,069.17	1/2	2,739.77	1/2	2,410.33	1/2	2,080.89	1/2	1,751.44	1/2	1,422.09	1/2	1,093.03	1/2	763.61	1/2	435.16	1/2	133.31	1/2	
3/4	3/4	3/4	4,377.26	3/4	4,049.19	3/4	3,720.99	3/4	3,391.65	3/4	3,062.31	3/4	2,732.91	3/4	2,403.47	3/4	2,074.02	3/4	1,744.58	3/4	1,415.24	3/4	1,086.17	3/4	756.75	3/4	428.42	3/4	127.56	3/4	
8	8	8	4,370.43	8	4,042.36	8	3,714.13	8	3,384.79	8	3,055.44	8	2,726.05	8	2,396.60	8	2,067.16	8	1,737.72	8	1,408.38	8	1,079.31	8	749.89	8	421.69	8	121.82	8	
1/4	1/4	1/4	4,363.59	1/4	4,035.52	1/4	3,707.27	1/4	3,377.92	1/4	3,048.58	1/4	2,719.18	1/4	2,389.74	1/4	2,060.30	1/4	1,730.85	1/4	1,401.53	1/4	1,072.45	1/4	743.02	1/4	414.96	1/4	116.07	1/4	
1/2	1/2	1/2	4,356.76	1/2	4,028.69	1/2	3,700.41	1/2	3,371.06	1/2	3,041.72	1/2	2,712.32	1/2	2,382.88	1/2	2,053.43	1/2	1,723.99	1/2	1,394.67	1/2	1,065.58	1/2	736.16	1/2	408.23	1/2	110.32	1/2	
3/4	3/4	3/4	4,349.92	3/4	4,021.85	3/4	3,693.54	3/4	3,364.20	3/4	3,034.86	3/4	2,705.46	3/4	2,376.01	3/4	2,046.57	3/4	1,717.13	3/4	1,387.82	3/4	1,058.72	3/4	729.30	3/4	401.58	3/4	104.67	3/4	
9	9	9	4,343.09	9	4,015.02	9	3,686.68	9	3,357.34	9	3,028.00	9	2,698.59	9	2,369.15	9	2,039.71	9	1,710.26	9	1,380.96	9	1,051.86	9	722.43	9	394.92	9	99.02	9	
1/4	1/4	1/4	4,336.25	1/4	4,008.18	1/4	3,679.82	1/4	3,350.48	1/4																					



BARGE: MM 148
JEFFBOAT 14-2899

SLOP TANK STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-04 3/4"

IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.
6	5,320	0	4,787	6	4,242	0	3,698	6	3,153	0	2,609	6	2,064	0	1,520	6	975	0	431	6	
1/8	5,311	1/8	4,775	1/8	4,231	1/8	3,686	1/8	3,142	1/8	2,598	1/8	2,053	1/8	1,509	1/8	964	1/8	420	1/8	
1/4	5,301	1/4	4,764	1/4	4,220	1/4	3,675	1/4	3,131	1/4	2,586	1/4	2,042	1/4	1,497	1/4	953	1/4	408	1/4	
3/8	5,292	3/8	4,753	3/8	4,208	3/8	3,664	3/8	3,119	3/8	2,575	3/8	2,030	3/8	1,486	3/8	941	3/8	397	3/8	
1/2	5,282	1/2	4,741	1/2	4,197	1/2	3,652	1/2	3,108	1/2	2,563	1/2	2,019	1/2	1,475	1/2	930	1/2	386	1/2	
5/8	5,273	5/8	4,730	5/8	4,185	5/8	3,641	5/8	3,097	5/8	2,552	5/8	2,008	5/8	1,463	5/8	919	5/8	374	5/8	
3/4	5,263	3/4	4,719	3/4	4,174	3/4	3,630	3/4	3,085	3/4	2,541	3/4	1,996	3/4	1,452	3/4	907	3/4	363	3/4	
7/8	5,252	7/8	4,707	7/8	4,163	7/8	3,618	7/8	3,074	7/8	2,529	7/8	1,985	7/8	1,441	7/8	896	7/8	352	7/8	
7	5,240	1	4,696	7	4,151	1	3,607	7	3,063	1	2,518	7	1,974	1	1,429	7	885	1	340	7	
1/8	5,229	1/8	4,685	1/8	4,140	1/8	3,596	1/8	3,051	1/8	2,507	1/8	1,962	1/8	1,418	1/8	873	1/8	329	1/8	
1/4	5,218	1/4	4,673	1/4	4,129	1/4	3,584	1/4	3,040	1/4	2,495	1/4	1,951	1/4	1,407	1/4	862	1/4	318	1/4	
3/8	5,206	3/8	4,662	3/8	4,117	3/8	3,573	3/8	3,029	3/8	2,484	3/8	1,940	3/8	1,395	3/8	851	3/8	306	3/8	
1/2	5,195	1/2	4,651	1/2	4,106	1/2	3,562	1/2	3,017	1/2	2,473	1/2	1,928	1/2	1,384	1/2	839	1/2	295	1/2	
5/8	5,184	5/8	4,639	5/8	4,095	5/8	3,550	5/8	3,006	5/8	2,461	5/8	1,917	5/8	1,372	5/8	828	5/8	284	5/8	
3/4	5,172	3/4	4,628	3/4	4,083	3/4	3,539	3/4	2,994	3/4	2,450	3/4	1,906	3/4	1,361	3/4	817	3/4	272	3/4	
7/8	5,161	7/8	4,617	7/8	4,072	7/8	3,528	7/8	2,983	7/8	2,439	7/8	1,894	7/8	1,350	7/8	805	7/8	261	7/8	
8	5,150	2	4,605	8	4,061	2	3,516	8	2,972	2	2,427	8	1,883	2	1,338	8	794	2	250	8	
1/8	5,138	1/8	4,594	1/8	4,049	1/8	3,505	1/8	2,960	1/8	2,416	1/8	1,872	1/8	1,327	1/8	783	1/8	238	1/8	
1/4	5,127	1/4	4,582	1/4	4,038	1/4	3,494	1/4	2,949	1/4	2,405	1/4	1,860	1/4	1,316	1/4	771	1/4	227	1/4	
3/8	5,116	3/8	4,571	3/8	4,027	3/8	3,482	3/8	2,938	3/8	2,393	3/8	1,849	3/8	1,304	3/8	760	3/8	216	3/8	
1/2	5,104	1/2	4,560	1/2	4,015	1/2	3,471	1/2	2,926	1/2	2,382	1/2	1,838	1/2	1,293	1/2	749	1/2	204	1/2	
5/8	5,093	5/8	4,548	5/8	4,004	5/8	3,460	5/8	2,915	5/8	2,371	5/8	1,826	5/8	1,282	5/8	737	5/8	193	5/8	
3/4	5,082	3/4	4,537	3/4	3,993	3/4	3,448	3/4	2,904	3/4	2,359	3/4	1,815	3/4	1,270	3/4	726	3/4	181	3/4	
7/8	5,070	7/8	4,526	7/8	3,981	7/8	3,437	7/8	2,892	7/8	2,348	7/8	1,804	7/8	1,259	7/8	715	7/8	170	7/8	
9	5,059	3	4,514	9	3,970	3	3,426	9	2,881	3	2,337	9	1,792	3	1,248	9	703	3	159	9	
1/8	5,048	1/8	4,503	1/8	3,959	1/8	3,414	1/8	2,870	1/8	2,325	1/8	1,781	1/8	1,236	1/8	692	1/8	147	1/8	
1/4	5,036	1/4	4,492	1/4	3,947	1/4	3,403	1/4	2,858	1/4	2,314	1/4	1,769	1/4	1,225	1/4	681	1/4	136	1/4	
3/8	5,025	3/8	4,480	3/8	3,936	3/8	3,391	3/8	2,847	3/8	2,303	3/8	1,758	3/8	1,214	3/8	669	3/8	125	3/8	
1/2	5,014	1/2	4,469	1/2	3,925	1/2	3,380	1/2	2,836	1/2	2,291	1/2	1,747	1/2	1,202	1/2	658	1/2	113	1/2	
5/8	5,002	5/8	4,458	5/8	3,913	5/8	3,369	5/8	2,824	5/8	2,280	5/8	1,735	5/8	1,191	5/8	647	5/8	102	5/8	
3/4	4,991	3/4	4,446	3/4	3,902	3/4	3,357	3/4	2,813	3/4	2,269	3/4	1,724	3/4	1,180	3/4	635	3/4	91	3/4	
7/8	4,979	7/8	4,435	7/8	3,891	7/8	3,346	7/8	2,802	7/8	2,257	7/8	1,713	7/8	1,168	7/8	624	7/8	79	7/8	
10	4,968	4	4,424	10	3,879	4	3,335	10	2,790	4	2,246	10	1,701	4	1,157	10	613	4	68	10	
1/8	4,957	1/8	4,412	1/8	3,868	1/8	3,323	1/8	2,779	1/8	2,235	1/8	1,690	1/8	1,146	1/8	601	1/8	57	1/8	
1/4	4,945	1/4	4,401	1/4	3,857	1/4	3,312	1/4	2,768	1/4	2,223	1/4	1,679	1/4	1,134	1/4	590	1/4	45	1/4	
3/8	4,934	3/8	4,390	3/8	3,845	3/8	3,301	3/8	2,756	3/8	2,212	3/8	1,667	3/8	1,123	3/8	578	3/8	34	3/8	
1/2	4,923	1/2	4,378	1/2	3,834	1/2	3,289	1/2	2,745	1/2	2,201	1/2	1,656	1/2	1,112	1/2	567	1/2	23	1/2	
5/8	4,911	5/8	4,367	5/8	3,823	5/8	3,278	5/8	2,734	5/8	2,189	5/8	1,645	5/8	1,100	5/8	556	5/8	11	5/8	
3/4	4,900	3/4	4,356	3/4	3,811	3/4	3,267	3/4	2,722	3/4	2,178	3/4	1,633	3/4	1,089	3/4	544	3/4	0	3/4	
7/8	4,889	7/8	4,344	7/8	3,800	7/8	3,255	7/8	2,711	7/8	2,166	7/8	1,622	7/8	1,078	7/8	533	7/8		7/8	
11	4,877	5	4,333	11	3,788	5	3,244	11	2,700	5	2,155	11	1,611	5	1,066	11	522	5		11	
1/8	4,866	1/8	4,322	1/8	3,777	1/8	3,233	1/8	2,688	1/8	2,144	1/8	1,599	1/8	1,055	1/8	510	1/8		1/8	
1/4	4,855	1/4	4,310	1/4	3,766	1/4	3,221	1/4	2,677	1/4	2,132	1/4	1,588	1/4	1,044	1/4	499	1/4		1/4	
3/8	4,843	3/8	4,299	3/8	3,754	3/8	3,210	3/8	2,666	3/8	2,121	3/8	1,577	3/8	1,032	3/8	488	3/8		3/8	
1/2	4,832	1/2	4,288	1/2	3,743	1/2	3,199	1/2	2,654	1/2	2,110	1/2	1,565	1/2	1,021	1/2	476	1/2		1/2	
5/8	4,821	5/8	4,276	5/8	3,732	5/8	3,187	5/8	2,643	5/8	2,098	5/8	1,554	5/8	1,010	5/8	465	5/8		5/8	
3/4	4,809	3/4	4,265	3/4	3,720	3/4	3,176	3/4	2,632	3/4	2,087	3/4	1,543	3/4	998	3/4	454	3/4		3/4	
7/8	4,798	7/8	4,254	7/8	3,709	7/8	3,165	7/8	2,620	7/8	2,076	7/8	1,531	7/8	987	7/8	442	7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF 2" BALL VALVE.

DATE STRAPPED: 11/27/2015 BY: JMF
DATE COMPUTED: 12/02/2015 BY: CL
DATE ISSUED: 12/02/2015

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: MM 148
JEFFBOAT 14-2899

SLOP TANK PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

GAUGE HEIGHT: 6'-05"

IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.	IN	5 FT.	IN	5 FT.	IN	6 FT.	IN	6 FT.
6		0	4,978	6	4,414	0	3,851	6	3,287	0	2,724	6	2,160	0	1,597	6	1,033	0	470	6	
1/8		1/8	4,966	1/8	4,402	1/8	3,839	1/8	3,275	1/8	2,712	1/8	2,148	1/8	1,585	1/8	1,021	1/8	458	1/8	
1/4	5,506	1/4	4,954	1/4	4,391	1/4	3,827	1/4	3,264	1/4	2,700	1/4	2,137	1/4	1,573	1/4	1,010	1/4	446	1/4	
3/8	5,496	3/8	4,942	3/8	4,379	3/8	3,815	3/8	3,252	3/8	2,688	3/8	2,125	3/8	1,561	3/8	998	3/8	434	3/8	
1/2	5,487	1/2	4,931	1/2	4,367	1/2	3,804	1/2	3,240	1/2	2,677	1/2	2,113	1/2	1,550	1/2	986	1/2	423	1/2	
5/8	5,477	5/8	4,919	5/8	4,355	5/8	3,792	5/8	3,228	5/8	2,665	5/8	2,101	5/8	1,538	5/8	974	5/8	411	5/8	
3/4	5,467	3/4	4,907	3/4	4,344	3/4	3,780	3/4	3,217	3/4	2,653	3/4	2,090	3/4	1,526	3/4	963	3/4	399	3/4	
7/8	5,457	7/8	4,895	7/8	4,332	7/8	3,768	7/8	3,205	7/8	2,641	7/8	2,078	7/8	1,514	7/8	951	7/8	387	7/8	
7	5,447	1	4,884	7	4,320	1	3,757	7	3,193	1	2,630	7	2,066	1	1,503	7	939	1	376	7	
1/8	5,435	1/8	4,872	1/8	4,308	1/8	3,745	1/8	3,181	1/8	2,618	1/8	2,054	1/8	1,491	1/8	927	1/8	364	1/8	
1/4	5,424	1/4	4,860	1/4	4,297	1/4	3,733	1/4	3,170	1/4	2,606	1/4	2,043	1/4	1,479	1/4	916	1/4	352	1/4	
3/8	5,412	3/8	4,848	3/8	4,285	3/8	3,721	3/8	3,158	3/8	2,594	3/8	2,031	3/8	1,467	3/8	904	3/8	340	3/8	
1/2	5,400	1/2	4,837	1/2	4,273	1/2	3,710	1/2	3,146	1/2	2,583	1/2	2,019	1/2	1,456	1/2	892	1/2	329	1/2	
5/8	5,388	5/8	4,825	5/8	4,261	5/8	3,698	5/8	3,134	5/8	2,571	5/8	2,007	5/8	1,444	5/8	880	5/8	317	5/8	
3/4	5,377	3/4	4,813	3/4	4,250	3/4	3,686	3/4	3,123	3/4	2,559	3/4	1,996	3/4	1,432	3/4	869	3/4	305	3/4	
7/8	5,365	7/8	4,801	7/8	4,238	7/8	3,674	7/8	3,111	7/8	2,547	7/8	1,984	7/8	1,420	7/8	857	7/8	293	7/8	
8	5,353	2	4,790	8	4,226	2	3,663	8	3,099	2	2,536	8	1,972	2	1,409	8	845	2	282	8	
1/8	5,341	1/8	4,778	1/8	4,214	1/8	3,651	1/8	3,087	1/8	2,524	1/8	1,960	1/8	1,397	1/8	834	1/8	270	1/8	
1/4	5,330	1/4	4,766	1/4	4,203	1/4	3,639	1/4	3,076	1/4	2,512	1/4	1,949	1/4	1,385	1/4	822	1/4	258	1/4	
3/8	5,318	3/8	4,754	3/8	4,191	3/8	3,628	3/8	3,064	3/8	2,501	3/8	1,937	3/8	1,374	3/8	810	3/8	247	3/8	
1/2	5,306	1/2	4,743	1/2	4,179	1/2	3,616	1/2	3,052	1/2	2,489	1/2	1,925	1/2	1,362	1/2	798	1/2	235	1/2	
5/8	5,295	5/8	4,731	5/8	4,168	5/8	3,604	5/8	3,041	5/8	2,477	5/8	1,914	5/8	1,350	5/8	787	5/8	223	5/8	
3/4	5,283	3/4	4,719	3/4	4,156	3/4	3,592	3/4	3,029	3/4	2,465	3/4	1,902	3/4	1,338	3/4	775	3/4	211	3/4	
7/8	5,271	7/8	4,708	7/8	4,144	7/8	3,581	7/8	3,017	7/8	2,454	7/8	1,890	7/8	1,327	7/8	763	7/8	200	7/8	
9	5,259	3	4,696	9	4,132	3	3,569	9	3,005	3	2,442	9	1,878	3	1,315	9	751	3	188	9	
1/8	5,248	1/8	4,684	1/8	4,121	1/8	3,557	1/8	2,994	1/8	2,430	1/8	1,867	1/8	1,303	1/8	740	1/8	176	1/8	
1/4	5,236	1/4	4,672	1/4	4,109	1/4	3,545	1/4	2,982	1/4	2,418	1/4	1,855	1/4	1,291	1/4	728	1/4	164	1/4	
3/8	5,224	3/8	4,661	3/8	4,097	3/8	3,534	3/8	2,970	3/8	2,407	3/8	1,843	3/8	1,280	3/8	716	3/8	153	3/8	
1/2	5,212	1/2	4,649	1/2	4,085	1/2	3,522	1/2	2,958	1/2	2,395	1/2	1,831	1/2	1,268	1/2	704	1/2	141	1/2	
5/8	5,201	5/8	4,637	5/8	4,074	5/8	3,510	5/8	2,947	5/8	2,383	5/8	1,820	5/8	1,256	5/8	693	5/8	129	5/8	
3/4	5,189	3/4	4,625	3/4	4,062	3/4	3,498	3/4	2,935	3/4	2,371	3/4	1,808	3/4	1,244	3/4	681	3/4	117	3/4	
7/8	5,177	7/8	4,614	7/8	4,050	7/8	3,487	7/8	2,923	7/8	2,360	7/8	1,796	7/8	1,233	7/8	669	7/8	106	7/8	
10	5,165	4	4,602	10	4,038	4	3,475	10	2,911	4	2,348	10	1,784	4	1,221	10	657	4	94	10	
1/8	5,154	1/8	4,590	1/8	4,027	1/8	3,463	1/8	2,900	1/8	2,336	1/8	1,773	1/8	1,209	1/8	646	1/8	82	1/8	
1/4	5,142	1/4	4,578	1/4	4,015	1/4	3,451	1/4	2,888	1/4	2,324	1/4	1,761	1/4	1,197	1/4	634	1/4	70	1/4	
3/8	5,130	3/8	4,567	3/8	4,003	3/8	3,440	3/8	2,876	3/8	2,313	3/8	1,749	3/8	1,186	3/8	622	3/8	59	3/8	
1/2	5,118	1/2	4,555	1/2	3,991	1/2	3,428	1/2	2,864	1/2	2,301	1/2	1,737	1/2	1,174	1/2	610	1/2	47	1/2	
5/8	5,107	5/8	4,543	5/8	3,980	5/8	3,416	5/8	2,853	5/8	2,289	5/8	1,726	5/8	1,162	5/8	599	5/8	35	5/8	
3/4	5,095	3/4	4,531	3/4	3,968	3/4	3,404	3/4	2,841	3/4	2,277	3/4	1,714	3/4	1,150	3/4	587	3/4	23	3/4	
7/8	5,083	7/8	4,520	7/8	3,956	7/8	3,393	7/8	2,829	7/8	2,266	7/8	1,702	7/8	1,139	7/8	575	7/8	12	7/8	
11	5,071	5	4,508	11	3,944	5	3,381	11	2,817	5	2,254	11	1,690	5	1,127	11	563	5	0	11	
1/8	5,060	1/8	4,496	1/8	3,933	1/8	3,369	1/8	2,806	1/8	2,242	1/8	1,679	1/8	1,115	1/8	552	1/8		1/8	
1/4	5,048	1/4	4,484	1/4	3,921	1/4	3,357	1/4	2,794	1/4	2,231	1/4	1,667	1/4	1,104	1/4	540	1/4		1/4	
3/8	5,036	3/8	4,473	3/8	3,909	3/8	3,346	3/8	2,782	3/8	2,219	3/8	1,655	3/8	1,092	3/8	528	3/8		3/8	
1/2	5,025	1/2	4,461	1/2	3,898	1/2	3,334	1/2	2,771	1/2	2,207	1/2	1,644	1/2	1,080	1/2	517	1/2		1/2	
5/8	5,013	5/8	4,449	5/8	3,886	5/8	3,322	5/8	2,759	5/8	2,195	5/8	1,632	5/8	1,068	5/8	505	5/8		5/8	
3/4	5,001	3/4	4,438	3/4	3,874	3/4	3,311	3/4	2,747	3/4	2,184	3/4	1,620	3/4	1,057	3/4	493	3/4		3/4	
7/8	4,989	7/8	4,426	7/8	3,862	7/8	3,299	7/8	2,735	7/8	2,172	7/8	1,608	7/8	1,045	7/8	481	7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF 2" BALL VALVE.

DATE STRAPPED: 11/27/2015 BY: JMF
DATE COMPUTED: 12/02/2015 BY: CL
DATE ISSUED: 12/02/2015

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