BARGE: HFL 417

INNAGE TRIM TABLE

FORMERLY: CHEM 8003

	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	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
1 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-5/8	00-5/8	- 00-3/4	00-3/4	- 00-7/8	00-7/8
2 PORT	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
2 STBD	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8
3 PORT	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8
3 STBD	- 00-5/8	00-5/8	- 01-1/8	01-1/8	- 01-3/4	01-3/4	- 02-1/4	02-1/4	- 02-7/8	02-7/8	- 03-3/8	03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 236'-00"

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

July 28, 2015

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

BARGE: HFL 417

JEFFBOAT 14-2903

1 PORT

INNAGE TABLE

FORMERLY: CHEM 8003

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: 14'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	7.98	0	279.63	0	598.92	0	927.76	0	1,256.72	0	1,585.77	0	1,914.82	0	2,243.87	0	2,572.92	0	2,901.97	0	3,231.02	0	3,560.06	0	3,889.09	0	
1/4	11.58	1/4	286.12	1/4	605.76	1/4	934.61	1/4	1,263.58	1/4	1,592.62	1/4	1,921.67	1/4	2,250.72	1/4	2,579.77	1/4	2,908.82	1/4	3,237.87	1/4	3,566.91	1/4	3,895.93	1/4	
1/2	15.18	1/2	292.62	1/2	612.59	1/2	941.46	1/2	1,270.43	1/2	1,599.48	1/2	1,928.53	1/2	2,257.58	1/2	2,586.63	1/2	2,915.68	1/2	3,244.73	1/2	3,573.77	1/2	3,902.78	1/2	
3/4	18.78	3/4	299.12	3/4	619.43	3/4	948.31	3/4	1,277.29	3/4	1,606.34	3/4	1,935.38	3/4	2,264.43	3/4	2,593.48	3/4	2,922.53	3/4	3,251.58	3/4	3,580.62	3/4	3,909.62	3/4	
1	22.38	1	305.61	1	626.27	1	955.17	1	1,284.14	1	1,613.19	1	1,942.24	1	2,271.29	1	2,600.34	1	2,929.39	1	3,258.44	1	3,587.48	1	3,916.46	1	
1/4	27.30	1/4	312.19	1/4	633.11	1/4	962.02	1/4	1,291.00	1/4	1,620.05	1/4	1,949.10	1/4	2,278.14	1/4	2,607.19	1/4	2,936.24	1/4	3,265.29	1/4	3,594.34	1/4	3,923.29	1/4	
1/2	32.21	1/2	318.77	1/2	639.96	1/2	968.87	1/2	1,297.85	1/2	1,626.90	1/2	1,955.95	1/2	2,285.00	1/2	2,614.05	1/2	2,943.10	1/2	3,272.14	1/2	3,601.19	1/2	3,930.12	1/2	
3/4	37.12	3/4	325.34	3/4	646.81	3/4	975.72	3/4	1,304.71	3/4	1,633.76	3/4	1,962.81	3/4	2,291.86	3/4	2,620.90	3/4	2,949.95	3/4	3,279.00	3/4	3,608.05	3/4	3,936.95	3/4	
2	42.03	2	331.92	2	653.65	2	982.57	2	1,311.56	2	1,640.61	2	1,969.66	2	2,298.71	2	2,627.76	2	2,956.81	2	3,285.85	2	3,614.90	2	3,943.78	2	
1/4	47.42	1/4	338.57	1/4	660.51	1/4	989.43	1/4	1,318.42	1/4	1,647.47	1/4	1,976.52	1/4	2,305.57	1/4	2,634.62	1/4	2,963.66	1/4	3,292.71	1/4	3,621.76	1/4	3,950.60	1/4	
1/2	52.81	1/2	345.22	1/2	667.36	1/2	996.28	1/2	1,325.27	1/2	1,654.32	1/2	1,983.37	1/2	2,312.42	1/2	2,641.47	1/2	2,970.52	1/2	3,299.56	1/2	3,628.61	1/2	3,957.41	1/2	
3/4	58.20	3/4	351.87	3/4	674.22	3/4	1,003.13	3/4	1,332.13	3/4	1,661.18	3/4	1,990.23	3/4	2,319.28	3/4	2,648.33	3/4	2,977.38	3/4	3,306.42	3/4	3,635.47	3/4	3,964.22	3/4	
3	63.59	3	358.52	3	681.07	3	1,009.98	3	1,338.98	3	1,668.03	3	1,997.08	3	2,326.13	3	2,655.18	3	2,984.23	3	3,313.27	3	3,642.32	3	3,971.03	3	
1/4	69.09	1/4	365.25	1/4	687.93	1/4	1,016.83	1/4	1,345.84	1/4	1,674.89	1/4	2,003.94	1/4	2,332.99	1/4	2,662.04	1/4	2,991.09	1/4	3,320.13	1/4	3,649.18	1/4	3,977.81	1/4	
1/2	74.59	1/2	371.97	1/2	694.78	1/2	1,023.69	1/2	1,352.69	1/2	1,681.74	1/2	2,010.79	1/2	2,339.84	1/2	2,668.89	1/2	2,997.94	1/2	3,326.98	1/2	3,656.03	1/2	3,984.59	1/2	
3/4	80.09	3/4	378.70	3/4	701.63	3/4	1,030.54	3/4	1,359.55	3/4	1,688.60	3/4	2,017.65	3/4	2,346.70	3/4	2,675.75	3/4	3,004.80	3/4	3,333.84	3/4	3,662.89	3/4	3,991.37	3/4	
4	85.59	4	385.42	4	708.49	4	1,037.39	4	1,366.40	4	1,695.45	4	2,024.50	4	2,353.55	4	2,682.60	4	3,011.65	4	3,340.69	4	3,669.74	4	3,998.15	4	
1/4	91.19	1/4	392.22	1/4	715.34	1/4	1,044.24	1/4	1,373.26	1/4	1,702.31	1/4	2,031.36	1/4	2,360.41	1/4	2,689.46	1/4	3,018.51	1/4	3,347.55	1/4	3,676.60	1/4	4,004.66	1/4	
1/2	96.79	1/2	399.02	1/2	722.20	1/2	1,051.10	1/2	1,380.11	1/2	1,709.16	1/2	2,038.21	1/2	2,367.26	1/2	2,696.31	1/2	3,025.36	1/2	3,354.40	1/2	3,683.45	1/2	4,011.18	1/2	
3/4	102.39	3/4	405.82	3/4	729.05	3/4	1,057.95	3/4	1,386.97	3/4	1,716.02	3/4	2,045.07	3/4	2,374.12	3/4	2,703.17	3/4	3,032.22	3/4	3,361.26	3/4	3,690.31	3/4	4,017.70	3/4	
5	107.99	5	412.62	5	735.90	5	1,064.80	5	1,393.82	5	1,722.87	5	2,051.92	5	2,380.97	5	2,710.02	5	3,039.07	5	3,368.11	5	3,697.16	5	4,024.21	5	
1/4	113.80	1/4	419.35	1/4	742.76	1/4	1,071.65	1/4	1,400.68	1/4	1,729.73	1/4	2,058.78	1/4	2,387.83	1/4	2,716.88	1/4	3,045.93	1/4	3,374.97	1/4	3,704.02	1/4	4,029.92	1/4	
1/2	119.60	1/2	426.08	1/2	749.61	1/2	1,078.51	1/2	1,407.53	1/2	1,736.58	1/2	2,065.63	1/2	2,394.68	1/2	2,723.73	1/2	3,052.78	1/2	3,381.82	1/2	3,710.87	1/2	4,035.63	1/2	
3/4	125.41	3/4	432.81	3/4	756.46	3/4	1,085.36	3/4	1,414.39	3/4	1,743.44	3/4	2,072.49	3/4	2,401.54	3/4	2,730.59	3/4	3,059.64	3/4	3,388.68	3/4	3,717.73	3/4	4,041.34	3/4	
6	131.21	6	439.53	6	763.32	6	1,092.21	6	1,421.24	6	1,750.29	6	2,079.34	6	2,408.39	6	2,737.44	6	3,066.49	6	3,395.53	6	3,724.58	6	4,047.05	6	
1/4	137.22	1/4	446.15	1/4	770.17	1/4	1,099.06	1/4	1,428.10	1/4	1,757.15	1/4	2,086.20	1/4	2,415.25	1/4	2,744.30	1/4	3,073.35	1/4	3,402.39	1/4	3,731.44	1/4	4,051.62	1/4	
1/2	143.23	1/2	452.77	1/2	777.03	1/2	1,105.92	1/2	1,434.96	1/2	1,764.00	1/2	2,093.05	1/2	2,422.10	1/2	2,751.15	1/2	3,080.20	1/2	3,409.24	1/2	3,738.29	1/2	4,056.19	1/2	
3/4	149.23	3/4	459.39	3/4	783.88	3/4	1,112.77	3/4	1,441.81	3/4	1,770.86	3/4	2,099.91	3/4	2,428.96	3/4	2,758.01	3/4	3,087.06	3/4	3,416.10	3/4	3,745.15	3/4	4,060.76	3/4	
7	155.24	7	466.01	7	790.73	7	1,119.62	7	1,448.67	7	1,777.72	7	2,106.76	7	2,435.81	7	2,764.86	7	3,093.91	7	3,422.96	7	3,752.00	7	4,065.33	7	
1/4	161.33	1/4	472.63	1/4	797.58	1/4	1,126.48	1/4	1,455.52	1/4	1,784.57	1/4	2,113.62	1/4	2,442.67	1/4	2,771.72	1/4	3,100.77	1/4	3,429.81	1/4	3,758.86	1/4	4,068.75	1/4	
1/2	167.42	1/2	479.25	1/2	804.44	1/2	1,133.33	1/2	1,462.38	1/2	1,791.43	1/2	2,120.48	1/2	2,449.52	1/2	2,778.57	1/2	3,107.62	1/2	3,436.67	1/2	3,765.72	1/2	4,072.18	1/2	
3/4	173.50	3/4	485.87	3/4	811.29	3/4	1,140.18	3/4	1,469.23	3/4	1,798.28	3/4	2,127.33	3/4	2,456.38	3/4	2,785.43	3/4	3,114.48	3/4	3,443.52	3/4	3,772.57	3/4	4,075.61	3/4	
8	179.59	8	492.49	8	818.14	8	1,147.04	8	1,476.09	8	1,805.14	8	2,134.19	8	2,463.24	8	2,792.28	8	3,121.33	8	3,450.38	8	3,779.43	7/8	4,077.32	8	
1/4	185.72	1/4	499.11	1/4	824.99	1/4	1,153.89	1/4	1,482.94	1/4	1,811.99	1/4	2,141.04	1/4	2,470.09	1/4	2,799.14	1/4	3,128.19	1/4	3,457.23	1/4	3,786.28	1/4		1/4	
1/2	191.85	1/2	505.73	1/2	831.84	1/2	1,160.75	1/2	1,489.80	1/2	1,818.85	1/2	2,147.90	1/2	2,476.95	1/2	2,806.00	1/2	3,135.04	1/2	3,464.09	1/2	3,793.14	1/2		1/2	
3/4	197.98	3/4	512.35	3/4	838.70	3/4	1,167.60	3/4	1,496.65	3/4	1,825.70	3/4	2,154.75	3/4	2,483.80	3/4	2,812.85	3/4	3,141.90	3/4	3,470.94	3/4	3,799.99	3/4		3/4	
9	204.11	9	518.97	9	845.55	9	1,174.46	9	1,503.51	9	1,832.56	9	2,161.61	9	2,490.66	9	2,819.71	9	3,148.76	9	3,477.80	9	3,806.85	9		9	
1/4	210.28	1/4	525.60	1/4	852.40	1/4	1,181.31	1/4	1,510.36	1/4	1,839.41	1/4	2,168.46	1/4	2,497.51	1/4	2,826.56	1/4	3,155.61	1/4	3,484.65	1/4	3,813.70	1/4		1/4	
1/2	216.45	1/2	532.22	1/2	859.25	1/2	1,188.17	1/2	1,517.22	1/2	1,846.27	1/2	2,175.32	1/2	2,504.37	1/2	2,833.42	1/2	3,162.47	1/2	3,491.51	1/2	3,820.56	1/2		1/2	
3/4	222.62	3/4	538.84	3/4	866.10	3/4	1,195.02	3/4	1,524.07	3/4	1,853.12	3/4	2,182.17	3/4	2,511.22	3/4	2,840.27	3/4	3,169.32	3/4	3,498.36	3/4	3,827.41	3/4		3/4	
10	228.79	10	545.47	10	872.95	10	1,201.88	10	1,530.93	10	1,859.98	10	2,189.03	10	2,518.08	10	2,847.13	10	3,176.18	10	3,505.22	10	3,834.27	10		10	
1/4	235.08	1/4	552.10	1/4	879.80	1/4	1,208.73	1/4	1,537.78	1/4	1,866.83	1/4	2,195.88	1/4	2,524.93	1/4	2,853.98	1/4	3,183.03	1/4	3,512.07	1/4	3,841.12	1/4		1/4	
1/2	241.37	1/2	558.73	1/2	886.65	1/2	1,215.59	1/2	1,544.64	1/2	1,873.69	1/2	2,202.74	1/2	2,531.79	1/2	2,860.84	1/2	3,189.89	1/2	3,518.93	1/2	3,847.98	1/2		1/2	
3/4	247.66	3/4	565.36	3/4	893.51	3/4	1,222.44	3/4	1,551.49	3/4	1,880.54	3/4	2,209.59	3/4	2,538.64	3/4	2,867.69	3/4	3,196.74	3/4	3,525.78	3/4	3,854.83	3/4		3/4	
11	253.96	11	571.99	11	900.36	11	1,229.30	11	1,558.35	11	1,887.40	11	2,216.45	11	2,545.50	11	2,874.55	11	3,203.60	11	3,532.64	11	3,861.69	11		11	
1/4	260.38	1/4	578.72	1/4	907.21	1/4	1,236.15	1/4	1,565.20	1/4	1,894.25	1/4	2,223.30	1/4	2,552.35	1/4	2,881.40	1/4	3,210.45	1/4	3,539.49	1/4	3,868.54	1/4		1/4	
1/2	266.79	1/2	585.45	1/2	914.06	1/2	1,243.01	1/2	1,572.06	1/2	1,901.11	1/2	2,230.16	1/2	2,559.21	1/2	2,888.26	1/2	3,217.31	1/2	3,546.35	1/2	3,875.39	1/2		1/2	
3/4	273.21	3/4	592.19	3/4	920.91	3/4	1,249.86	3/4	1,578.91	3/4	1,907.96	3/4	2,237.01	3/4	2,566.06	3/4	2,895.11	3/4	3,224.16	3/4	3,553.20	3/4	3,882.24	3/4		3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

1 STBD

INNAGE TABLE

FORMERLY: CHEM 8003

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: 14'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	7.99	0	279.74	0	599.15	0	927.99	0	1,256.86	0	1,585.28	0	1,914.39	0	2,243.51	0	2,572.63	0	2,901.74	0	3,230.86	0	3,559.98	0	3,889.07	0	
1/4	11.59	1/4	286.24	1/4	605.99	1/4	934.83	1/4	1,263.72	1/4	1,592.13	1/4	1,921.25	1/4	2,250.37	1/4	2,579.48	1/4	2,908.60	1/4	3,237.72	1/4	3,566.83	1/4	3,895.92	1/4	
1/2	15.19	1/2	292.74	1/2	612.83	1/2	941.68	1/2	1,270.58	1/2	1,598.99	1/2	1,928.11	1/2	2,257.22	1/2	2,586.34	1/2	2,915.46	1/2	3,244.57	1/2	3,573.69	1/2	3,902.76	1/2	
3/4	18.80	3/4	299.24	3/4	619.67	3/4	948.53	3/4	1,277.44	3/4	1,605.85	3/4	1,934.96	3/4	2,264.08	3/4	2,593.20	3/4	2,922.31	3/4	3,251.43	3/4	3,580.55	3/4	3,909.61	3/4	
1	22.40	1	305.74	1	626.51	1	955.37	1	1,284.29	1	1,612.70	1	1,941.82	1	2,270.94	1	2,600.05	1	2,929.17	1	3,258.29	1	3,587.40	1	3,916.45	1	
1/4	27.31	1/4	312.32	1/4	633.35	1/4	962.22	1/4	1,291.15	1/4	1,619.56	1/4	1,948.68	1/4	2,277.79	1/4	2,606.91	1/4	2,936.03	1/4	3,265.14	1/4	3,594.26	1/4	3,923.29	1/4	
1/2	32.23	1/2	318.90	1/2	640.20	1/2	969.07	1/2	1,298.01	1/2	1,626.42	1/2	1,955.53	1/2	2,284.65	1/2	2,613.77	1/2	2,942.88	1/2	3,272.00	1/2	3,601.12	1/2	3,930.12	1/2	
3/4	37.14	3/4	325.48	3/4	647.05	3/4	975.92	3/4	1,304.87	3/4	1,633.27	3/4	1,962.39	3/4	2,291.51	3/4	2,620.62	3/4	2,949.74	3/4	3,278.86	3/4	3,607.97	3/4	3,936.95	3/4	
2	42.05	2	332.05	2	653.90	2	982.76	2	1,311.72	2	1,640.13	2	1,969.25	2	2,298.36	2	2,627.48	2	2,956.60	2	3,285.71	2	3,614.83	2	3,943.78	2	
1/4	47.44	1/4	338.71	1/4	660.76	1/4	989.61	1/4	1,318.58	1/4	1,646.99	1/4	1,976.10	1/4	2,305.22	1/4	2,634.34	1/4	2,963.45	1/4	3,292.57	1/4	3,621.69	1/4	3,950.59	1/4	
1/2	52.84	1/2	345.36	1/2	667.61	1/2	996.46	1/2	1,325.44	1/2	1,653.84	1/2	1,982.96	1/2	2,312.08	1/2	2,641.19	1/2	2,970.31	1/2	3,299.43	1/2	3,628.54	1/2	3,957.41	1/2	
3/4	58.23	3/4	352.01	3/4	674.47	3/4	1,003.31	3/4	1,332.30	3/4	1,660.70	3/4	1,989.82	3/4	2,318.93	3/4	2,648.05	3/4	2,977.17	3/4	3,306.28	3/4	3,635.40	3/4	3,964.22	3/4	
3	63.62	3	358.67	3	681.33	3	1,010.16	3	1,339.15	3	1,667.56	3	1,996.67	3	2,325.79	3	2,654.91	3	2,984.02	3	3,313.14	3	3,642.26	3	3,971.03	3	
1/4	69.12	1/4	365.39	1/4	688.18	1/4	1,017.01	1/4	1,346.00	1/4	1,674.41	1/4	2,003.53	1/4	2,332.65	1/4	2,661.76	1/4	2,990.88	1/4	3,320.00	1/4	3,649.11	1/4	3,977.81	1/4	
1/2	74.63	1/2	372.12	1/2	695.04	1/2	1,023.85	1/2	1,352.84	1/2	1,681.27	1/2	2,010.39	1/2	2,339.50	1/2	2,668.62	1/2	2,997.74	1/2	3,326.85	1/2	3,655.97	1/2	3,984.59	1/2	
3/4	80.13	3/4	378.85	3/4	701.90	3/4	1,030.70	3/4	1,359.68	3/4	1,688.13	3/4	2,017.24	3/4	2,346.36	3/4	2,675.48	3/4	3,004.59	3/4	3,333.71	3/4	3,662.83	3/4	3,991.37	3/4	
4	85.63	4	385.58	4	708.75	4	1,037.55	4	1,366.52	4	1,694.98	4	2,024.10	4	2,353.22	4	2,682.33	4	3,011.45	4	3,340.57	4	3,669.68	4	3,998.15	4	
1/4	91.23	1/4	392.38	1/4	715.61	1/4	1,044.40	1/4	1,373.35	1/4	1,701.84	1/4	2,030.96	1/4	2,360.07	1/4	2,689.19	1/4	3,018.31	1/4	3,347.42	1/4	3,676.54	1/4	4,004.67	1/4	
1/2	96.84	1/2	399.18	1/2	722.47	1/2	1,051.25	1/2	1,380.18	1/2	1,708.70	1/2	2,037.81	1/2	2,366.93	1/2	2,696.05	1/2	3,025.16	1/2	3,354.28	1/2	3,683.40	1/2	4,011.19	1/2	
3/4	102.44	3/4	405.98	3/4	729.32	3/4	1,058.10	3/4	1,387.00	3/4	1,715.55	3/4	2,044.67	3/4	2,373.79	3/4	2,702.90	3/4	3,032.02	3/4	3,361.14	3/4	3,690.25	3/4	4,017.71	3/4	
5	108.04	5	412.79	5	736.18	5	1,064.94	5	1,393.83	5	1,722.41	5	2,051.53	5	2,380.64	5	2,709.76	5	3,038.88	5	3,367.99	5	3,697.11	5	4,024.23	5	
1/4	113.85	1/4	419.52	1/4	743.03	1/4	1,071.79	1/4	1,400.66	1/4	1,729.27	1/4	2,058.38	1/4	2,387.50	1/4	2,716.62	1/4	3,045.73	1/4	3,374.85	1/4	3,703.97	1/4	4,029.94	1/4	
1/2	119.66	1/2	426.25	1/2	749.89	1/2	1,078.64	1/2	1,407.48	1/2	1,736.12	1/2	2,065.24	1/2	2,394.36	1/2	2,723.47	1/2	3,052.59	1/2	3,381.71	1/2	3,710.82	1/2	4,035.64	1/2	
3/4	125.47	3/4	432.98	3/4	756.75	3/4	1,085.49	3/4	1,414.31	3/4	1,742.98	3/4	2,072.10	3/4	2,401.21	3/4	2,730.33	3/4	3,059.45	3/4	3,388.56	3/4	3,717.68	3/4	4,041.35	3/4	
6	131.27	6	439.70	6	763.60	6	1,092.34	6	1,421.14	6	1,749.83	6	2,078.95	6	2,408.07	6	2,737.19	6	3,066.30	6	3,395.42	6	3,724.54	6	4,047.06	6	
1/4	137.28	1/4	446.33	1/4	770.46	1/4	1,099.19	1/4	1,427.96	1/4	1,756.69	1/4	2,085.81	1/4	2,414.93	1/4	2,744.04	1/4	3,073.16	1/4	3,402.28	1/4	3,731.39	1/4	4,051.63	1/4	
1/2	143.29	1/2	452.95	1/2	777.31	1/2	1,106.04	1/2	1,434.79	1/2	1,763.55	1/2	2,092.66	1/2	2,421.78	1/2	2,750.90	1/2	3,080.02	1/2	3,409.13	1/2	3,738.25	1/2	4,056.20	1/2	
3/4	149.30	3/4	459.57	3/4	784.17	3/4	1,112.88	3/4	1,441.62	3/4	1,770.40	3/4	2,099.52	3/4	2,428.64	3/4	2,757.76	3/4	3,086.87	3/4	3,415.99	3/4	3,745.11	3/4	4,060.77	3/4	
7	155.31	7	466.19	7	791.02	7	1,119.73	7	1,448.44	7	1,777.26	7	2,106.38	7	2,435.49	7	2,764.61	7	3,093.73	7	3,422.85	7	3,751.96	7	4,065.34	7	
1/4	161.40	1/4	472.82	1/4	797.88	1/4	1,126.59	1/4	1,455.27	1/4	1,784.12	1/4	2,113.23	1/4	2,442.35	1/4	2,771.47	1/4	3,100.59	1/4	3,429.70	1/4	3,758.82	1/4	4,068.77	1/4	
1/2	167.49	1/2	479.44	1/2	804.73	1/2	1,133.44	1/2	1,462.10	1/2	1,790.97	1/2	2,120.09	1/2	2,449.21	1/2	2,778.32	1/2	3,107.44	1/2	3,436.56	1/2	3,765.68	1/2	4,072.20	1/2	
3/4	173.58	3/4	486.06	3/4	811.58	3/4	1,140.29	3/4	1,468.92	3/4	1,797.83	3/4	2,126.95	3/4	2,456.06	3/4	2,785.18	3/4	3,114.30	3/4	3,443.42	3/4	3,772.53	3/4	4,075.63	3/4	
8	179.67	8	492.68	8	818.43	8	1,147.14	8	1,475.75	8	1,804.69	8	2,133.80	8	2,462.92	8	2,792.04	8	3,121.15	8	3,450.27	8	3,779.39	7/8	4,077.34	8	
1/4	185.80	1/4	499.30	1/4	825.28	1/4	1,154.00	1/4	1,482.58	1/4	1,811.54	1/4	2,140.66	1/4	2,469.78	1/4	2,798.89	1/4	3,128.01	1/4	3,457.13	1/4	3,786.25	1/4		1/4	
1/2	191.94	1/2	505.93	1/2	832.13	1/2	1,160.86	1/2	1,489.40	1/2	1,818.40	1/2	2,147.52	1/2	2,476.63	1/2	2,805.75	1/2	3,134.87	1/2	3,463.98	1/2	3,793.10	1/2		1/2	
3/4	198.07	3/4	512.55	3/4	838.97	3/4	1,167.72	3/4	1,496.23	3/4	1,825.26	3/4	2,154.37	3/4	2,483.49	3/4	2,812.61	3/4	3,141.72	3/4	3,470.84	3/4	3,799.96	3/4		3/4	
9	204.20	9	519.17	9	845.82	9	1,174.57	9	1,503.06	9	1,832.11	9	2,161.23	9	2,490.35	9	2,819.46	9	3,148.58	9	3,477.70	9	3,806.81	9		9	
1/4	210.37	1/4	525.80	1/4	852.67	1/4	1,181.43	1/4	1,509.90	1/4	1,838.97	1/4	2,168.09	1/4	2,497.20	1/4	2,826.32	1/4	3,155.44	1/4	3,484.55	1/4	3,813.67	1/4		1/4	
1/2	216.54	1/2	532.42	1/2	859.51	1/2	1,188.29	1/2	1,516.74	1/2	1,845.83	1/2	2,174.94	1/2	2,504.06	1/2	2,833.18	1/2	3,162.29	1/2	3,491.41	1/2	3,820.53	1/2		1/2	
3/4	222.71	3/4	539.05	3/4	866.36	3/4	1,195.15	3/4	1,523.58	3/4	1,852.68	3/4	2,181.80	3/4	2,510.92	3/4	2,840.03	3/4	3,169.15	3/4	3,498.27	3/4	3,827.38	3/4		3/4	
10	228.88	10	545.68	10	873.21	10	1,202.00	10	1,530.42	10	1,859.54	10	2,188.66	10	2,517.77	10	2,846.89	10	3,176.01	10	3,505.12	10	3,834.24	10		10	
1/4	235.18	1/4	552.31	1/4	880.06	1/4	1,208.86	1/4	1,537.28	1/4	1,866.40	1/4	2,195.51	1/4	2,524.63	1/4	2,853.75	1/4	3,182.86	1/4	3,511.98	1/4	3,841.10	1/4		1/4	
1/2	241.47	1/2	558.94	1/2	886.90	1/2	1,215.72	1/2	1,544.14	1/2	1,873.25	1/2	2,202.37	1/2	2,531.49	1/2	2,860.60	1/2	3,189.72	1/2	3,518.84	1/2	3,847.95	1/2		1/2	
3/4	247.77	3/4	565.57	3/4	893.75	3/4	1,222.58	3/4	1,550.99	3/4	1,880.11	3/4	2,209.23	3/4	2,538.34	3/4	2,867.46	3/4	3,196.58	3/4	3,525.69	3/4	3,854.81	3/4		3/4	
11	254.06	11	572.21	11	900.60	11	1,229.43	11	1,557.85	11	1,886.97	11	2,216.08	11	2,545.20	11	2,874.32	11	3,203.43	11	3,532.55	11	3,861.67	11		11	
1/4	260.48	1/4	578.94	1/4	907.44	1/4	1,236.29	1/4	1,564.71	1/4	1,893.82	1/4	2,222.94	1/4	2,552.06	1/4	2,881.17	1/4	3,210.29	1/4	3,539.41	1/4	3,868.52	1/4		1/4	
1/2	266.90	1/2	585.68	1/2	914.29	1/2	1,243.15	1/2	1,571.56	1/2	1,900.68	1/2	2,229.80	1/2	2,558.91	1/2	2,888.03	1/2	3,217.15	1/2	3,546.26	1/2	3,875.37	1/2		1/2	
3/4	273.32	3/4	592.41	3/4	921.14	3/4	1,250.01	3/4	1,578.42	3/4	1,907.54	3/4	2,236.65	3/4	2,565.77	3/4	2,894.89	3/4	3,224.00	3/4	3,553.12	3/4	3,882.22	3/4		3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

2 PORT

INNAGE TABLE

FORMERLY: CHEM 8003

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: 14'-01 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.
0	15.20	0	342.97	0	687.00	0	1,036.33	0	1,385.26	0	1,730.60	0	2,080.70	0	2,430.79	0	2,780.89	0	3,130.99	0	3,481.09	0	3,831.18	0	4,181.27	0	
1/4	19.52	1/4	350.26	1/4	694.28	1/4	1,043.59	1/4	1,392.56	1/4	1,737.89	1/4	2,087.99	1/4	2,438.09	1/4	2,788.18	1/4	3,138.28	1/4	3,488.38	1/4	3,838.47	1/4	4,188.55	1/4	
1/2	23.84	1/2	357.55	1/2	701.55	1/2	1,050.84	1/2	1,399.85	1/2	1,745.19	1/2	2,095.28	1/2	2,445.38	1/2	2,795.48	1/2	3,145.58	1/2	3,495.67	1/2	3,845.77	1/2	4,195.84	1/2	
3/4	28.15	3/4	364.84	3/4	708.83	3/4	1,058.10	3/4	1,407.14	3/4	1,752.48	3/4	2,102.58	3/4	2,452.67	3/4	2,802.77	3/4	3,152.87	3/4	3,502.97	3/4	3,853.06	3/4	4,203.13	3/4	
1	32.47	1	372.14	1	716.10	1	1,065.35	1	1,414.44	1	1,759.77	1	2,109.87	1	2,459.97	1	2,810.07	1	3,160.16	1	3,510.26	1	3,860.35	1	4,210.41	1	
1/4	38.61	1/4	379.43	1/4	723.38	1/4	1,072.61	1/4	1,421.73	1/4	1,767.07	1/4	2,117.16	1/4	2,467.26	1/4	2,817.36	1/4	3,167.46	1/4	3,517.55	1/4	3,867.65	1/4	4,217.69	1/4	
1/2	44.74	1/2	386.72	1/2	730.66	1/2	1,079.87	1/2	1,429.02	1/2	1,774.36	1/2	2,124.46	1/2	2,474.56	1/2	2,824.65	1/2	3,174.75	1/2	3,524.85	1/2	3,874.94	1/2	4,224.96	1/2	
3/4	50.87	3/4	394.02	3/4	737.93	3/4	1,087.12	3/4	1,436.32	3/4	1,781.65	3/4	2,131.75	3/4	2,481.85	3/4	2,831.95	3/4	3,182.04	3/4	3,532.14	3/4	3,882.23	3/4	4,232.24	3/4	
2	57.01	2	401.31	2	745.21	2	1,094.38	2	1,443.61	2	1,788.95	2	2,139.04	2	2,489.14	2	2,839.24	2	3,189.34	2	3,539.44	2	3,889.53	2	4,239.51	2	
1/4	63.95	1/4	408.60	1/4	752.50	1/4	1,101.64	1/4	1,450.91	1/4	1,796.24	1/4	2,146.34	1/4	2,496.44	1/4	2,846.53	1/4	3,196.63	1/4	3,546.73	1/4	3,896.82	1/4	4,246.77	1/4	
1/2	70.88	1/2	415.89	1/2	759.79	1/2	1,108.90	1/2	1,458.20	1/2	1,803.53	1/2	2,153.63	1/2	2,503.73	1/2	2,853.83	1/2	3,203.93	1/2	3,554.02	1/2	3,904.12	1/2	4,254.03	1/2	
3/4	77.82	3/4	423.19	3/4	767.09	3/4	1,116.15	3/4	1,465.49	3/4	1,810.83	3/4	2,160.93	3/4	2,511.02	3/4	2,861.12	3/4	3,211.22	3/4	3,561.32	3/4	3,911.41	3/4	4,261.29	3/4	
3	84.76	3	430.48	3	774.38	3	1,123.41	3	1,472.79	3	1,818.12	3	2,168.22	3	2,518.32	3	2,868.41	3	3,218.51	3	3,568.61	3	3,918.70	3	4,268.55	3	
1/4	91.74	1/4	437.76	1/4	781.67	1/4	1,130.67	1/4	1,480.08	1/4	1,825.42	1/4	2,175.51	1/4	2,525.61	1/4	2,875.71	1/4	3,225.81	1/4	3,575.90	1/4	3,926.00	1/4	4,275.78	1/4	
1/2	98.72	1/2	445.05	1/2	788.97	1/2	1,137.93	1/2	1,487.37	1/2	1,832.71	1/2	2,182.81	1/2	2,532.90	1/2	2,883.00	1/2	3,233.10	1/2	3,583.20	1/2	3,933.29	1/2	4,283.02	1/2	
3/4	105.70	3/4	452.33	3/4	796.26	3/4	1,145.18	3/4	1,494.67	3/4	1,840.00	3/4	2,190.10	3/4	2,540.20	3/4	2,890.30	3/4	3,240.39	3/4	3,590.49	3/4	3,940.58	3/4	4,290.25	3/4	
4	112.69	4	459.61	4	803.55	4	1,152.44	4	1,501.96	4	1,847.30	4	2,197.39	4	2,547.49	4	2,897.59	4	3,247.69	4	3,597.78	4	3,947.88	4	4,297.49	4	
1/4	119.69	1/4	466.89	1/4	810.85	1/4	1,159.70	1/4	1,509.06	1/4	1,854.59	1/4	2,204.69	1/4	2,554.79	1/4	2,904.88	1/4	3,254.98	1/4	3,605.08	1/4	3,955.17	1/4	4,304.68	1/4	
1/2	126.70	1/2	474.18	1/2	818.14	1/2	1,166.96	1/2	1,516.15	1/2	1,861.88	1/2	2,211.98	1/2	2,562.08	1/2	2,912.18	1/2	3,262.27	1/2	3,612.37	1/2	3,962.46	1/2	4,311.87	1/2	
3/4	133.71	3/4	481.46	3/4	825.43	3/4	1,174.21	3/4	1,523.25	3/4	1,869.18	3/4	2,219.28	3/4	2,569.37	3/4	2,919.47	3/4	3,269.57	3/4	3,619.66	3/4	3,969.76	3/4	4,319.06	3/4	
5	140.71	5	488.74	5	832.72	5	1,181.47	5	1,530.34	5	1,876.47	5	2,226.57	5	2,576.67	5	2,926.76	5	3,276.86	5	3,626.96	5	3,977.05	5	4,326.25	5	
1/4	147.74	1/4	496.03	1/4	840.02	1/4	1,188.73	1/4	1,537.44	1/4	1,883.77	1/4	2,233.86	1/4	2,583.96	1/4	2,934.06	1/4	3,284.16	1/4	3,634.25	1/4	3,984.34	1/4	4,332.93	1/4	
1/2	154.76	1/2	503.31	1/2	847.31	1/2	1,195.99	1/2	1,544.53	1/2	1,891.06	1/2	2,241.16	1/2	2,591.25	1/2	2,941.35	1/2	3,291.45	1/2	3,641.55	1/2	3,991.64	1/2	4,339.60	1/2	
3/4	161.79	3/4	510.59	3/4	854.60	3/4	1,203.24	3/4	1,551.63	3/4	1,898.35	3/4	2,248.45	3/4	2,598.55	3/4	2,948.65	3/4	3,298.74	3/4	3,648.84	3/4	3,998.93	3/4	4,346.28	3/4	
6	168.81	6	517.88	6	861.89	6	1,210.50	6	1,558.72	6	1,905.65	6	2,255.74	6	2,605.84	6	2,955.94	6	3,306.04	6	3,656.13	6	4,006.23	6	4,352.96	6	
1/4	176.09	1/4	524.92	1/4	869.18	1/4	1,217.76	1/4	1,565.82	1/4	1,912.94	1/4	2,263.04	1/4	2,613.14	1/4	2,963.23	1/4	3,313.33	1/4	3,663.43	1/4	4,013.52	1/4	4,358.43	1/4	
1/2	183.36	1/2	531.96	1/2	876.48	1/2	1,225.02	1/2	1,572.91	1/2	1,920.23	1/2	2,270.33	1/2	2,620.43	1/2	2,970.53	1/2	3,320.62	1/2	3,670.72	1/2	4,020.81	1/2	4,363.90	1/2	
3/4	190.64	3/4	539.01	3/4	883.77	3/4	1,232.27	3/4	1,580.01	3/4	1,927.53	3/4	2,277.63	3/4	2,627.72	3/4	2,977.82	3/4	3,327.92	3/4	3,678.01	3/4	4,028.11	3/4	4,369.37	3/4	
7	197.91	7	546.05	7	891.06	7	1,239.53	7	1,587.10	7	1,934.82	7	2,284.92	7	2,635.02	7	2,985.11	7	3,335.21	7	3,685.31	7	4,035.40	7	4,374.84	7	
1/4	205.19	1/4	553.09	1/4	898.35	1/4	1,246.79	1/4	1,594.20	1/4	1,942.11	1/4	2,292.21	1/4	2,642.31	1/4	2,992.41	1/4	3,342.51	1/4	3,692.60	1/4	4,042.69	1/4	4,379.09	1/4	
1/2	212.48	1/2	560.14	1/2	905.64	1/2	1,254.05	1/2	1,601.30	1/2	1,949.41	1/2	2,299.51	1/2	2,649.60	1/2	2,999.70	1/2	3,349.80	1/2	3,699.89	1/2	4,049.99	1/2	4,383.35	1/2	
3/4	219.76	3/4	567.18	3/4	912.94	3/4	1,261.30	3/4	1,608.39	3/4	1,956.70	3/4	2,306.80	3/4	2,656.90	3/4	3,007.00	3/4	3,357.09	3/4	3,707.19	3/4	4,057.28	3/4	4,387.60	3/4	
8	227.04	8	574.23	8	920.23	8	1,268.56	8	1,615.49	8	1,964.00	8	2,314.09	8	2,664.19	8	3,014.29	8	3,364.39	8	3,714.48	8	4,064.57	7/8	4,389.73	8	
1/4	234.32	1/4	581.27	1/4	927.48	1/4	1,275.86	1/4	1,622.58	1/4	1,971.29	1/4	2,321.39	1/4	2,671.49	1/4	3,021.58	1/4	3,371.68	1/4	3,721.78	1/4	4,071.87	1/4		1/4	
1/2	241.60	1/2	588.31	1/2	934.74	1/2	1,283.15	1/2	1,629.68	1/2	1,978.58	1/2	2,328.68	1/2	2,678.78	1/2	3,028.88	1/2	3,378.97	1/2	3,729.07	1/2	4,079.16	1/2		1/2	
3/4	248.89	3/4	595.36	3/4	942.00	3/4	1,290.44	3/4	1,636.77	3/4	1,985.88	3/4	2,335.97	3/4	2,686.07	3/4	3,036.17	3/4	3,386.27	3/4	3,736.36	3/4	4,086.46	3/4		3/4	
9	256.17	9	602.40	9	949.25	9	1,297.74	9	1,643.87	9	1,993.17	9	2,343.27	9	2,693.37	9	3,043.46	9	3,393.56	9	3,743.66	9	4,093.75	9		9	
1/4	263.37	1/4	609.44	1/4	956.51	1/4	1,305.03	1/4	1,650.96	1/4	2,000.46	1/4	2,350.56	1/4	2,700.66	1/4	3,050.76	1/4	3,400.86	1/4	3,750.95	1/4	4,101.04	1/4		1/4	
1/2	270.57	1/2	616.49	1/2	963.77	1/2	1,312.32	1/2	1,658.06	1/2	2,007.76	1/2	2,357.86	1/2	2,707.95	1/2	3,058.05	1/2	3,408.15	1/2	3,758.24	1/2	4,108.34	1/2		1/2	
3/4	277.78	3/4	623.53	3/4	971.02	3/4	1,319.62	3/4	1,665.15	3/4	2,015.05	3/4	2,365.15	3/4	2,715.25	3/4	3,065.34	3/4	3,415.44	3/4	3,765.54	3/4	4,115.63	3/4		3/4	
10	284.98	10	630.57	10	978.28	10	1,326.91	10	1,672.25	10	2,022.35	10	2,372.44	10	2,722.54	10	3,072.64	10	3,422.74	10	3,772.83	10	4,122.92	10		10	
1/4	292.18	1/4	637.63	1/4	985.54	1/4	1,334.21	1/4	1,679.54	1/4	2,029.64	1/4	2,379.74	1/4	2,729.83	1/4	3,079.93	1/4	3,430.03	1/4	3,780.12	1/4	4,130.22	1/4		1/4	
1/2	299.39	1/2	644.68	1/2	992.79	1/2	1,341.50	1/2	1,686.84	1/2	2,036.93	1/2	2,387.03	1/2	2,737.13	1/2	3,087.23	1/2	3,437.32	1/2	3,787.42	1/2	4,137.51	1/2		1/2	
3/4	306.59	3/4	651.74	3/4	1,000.05	3/4	1,348.79	3/4	1,694.13	3/4	2,044.23	3/4	2,394.32	3/4	2,744.42	3/4	3,094.52	3/4	3,444.62	3/4	3,794.71	3/4	4,144.80	3/4		3/4	
11	313.79	11	658.79	11	1,007.30	11	1,356.09	11	1,701.42	11	2,051.52	11	2,401.62	11	2,751.72	11	3,101.81	11	3,451.91	11	3,802.00	11	4,152.10	11		11	
1/4	321.09	1/4	665.84	1/4	1,014.56	1/4	1,363.38	1/4	1,708.72	1/4	2,058.81	1/4	2,408.91	1/4	2,759.01	1/4	3,109.11	1/4	3,459.20	1/4	3,809.30	1/4	4,159.39	1/4		1/4	
1/2	328.38	1/2	672.90	1/2	1,021.82	1/2	1,370.67	1/2	1,716.01	1/2	2,066.11	1/2	2,416.21	1/2	2,766.30	1/2	3,116.40	1/2	3,466.50	1/2	3,816.59	1/2	4,166.68	1/2		1/2	
3/4	335.67	3/4	679.95	3/4	1,029.07	3/4	1,377.97	3/4	1,723.30	3/4	2,073.40	3/4	2,423.50	3/4	2,773.60	3/4	3,123.69	3/4	3,473.79	3/4	3,823.89	3/4	4,173.97	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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

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: HFL 417

JEFFBOAT 14-2903

2 STBD

INNAGE TABLE

FORMERLY: CHEM 8003

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: 14'-01 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	19.53	0	350.47	0	694.69	0	1,044.71	0	1,394.81	0	1,745.11	0	2,095.41	0	2,445.71	0	2,796.01	0	3,146.31	0	3,496.61	0	3,846.91	0	4,197.21	0	
1/4	24.31	1/4	357.76	1/4	701.97	1/4	1,052.00	1/4	1,402.11	1/4	1,752.41	1/4	2,102.71	1/4	2,453.01	1/4	2,803.31	1/4	3,153.61	1/4	3,503.91	1/4	3,854.21	1/4	4,204.50	1/4	
1/2	29.08	1/2	365.06	1/2	709.25	1/2	1,059.29	1/2	1,409.41	1/2	1,759.71	1/2	2,110.01	1/2	2,460.31	1/2	2,810.61	1/2	3,160.90	1/2	3,511.20	1/2	3,861.51	1/2	4,211.78	1/2	
3/4	33.85	3/4	372.36	3/4	716.53	3/4	1,066.58	3/4	1,416.71	3/4	1,767.01	3/4	2,117.30	3/4	2,467.60	3/4	2,817.90	3/4	3,168.20	3/4	3,518.50	3/4	3,868.80	3/4	4,219.07	3/4	
1	38.63	1	379.65	1	723.81	1	1,073.87	1	1,424.00	1	1,774.30	1	2,124.60	1	2,474.90	1	2,825.20	1	3,175.50	1	3,525.80	1	3,876.10	1	4,226.36	1	
1/4	44.97	1/4	386.95	1/4	731.09	1/4	1,081.16	1/4	1,431.30	1/4	1,781.60	1/4	2,131.90	1/4	2,482.20	1/4	2,832.50	1/4	3,182.80	1/4	3,533.10	1/4	3,883.40	1/4	4,233.63	1/4	
1/2	51.31	1/2	394.25	1/2	738.38	1/2	1,088.46	1/2	1,438.60	1/2	1,788.90	1/2	2,139.20	1/2	2,489.50	1/2	2,839.80	1/2	3,190.10	1/2	3,540.40	1/2	3,890.70	1/2	4,240.91	1/2	
3/4	57.65	3/4	401.55	3/4	745.66	3/4	1,095.75	3/4	1,445.90	3/4	1,796.20	3/4	2,146.50	3/4	2,496.80	3/4	2,847.09	3/4	3,197.39	3/4	3,547.69	3/4	3,898.00	3/4	4,248.19	3/4	
2	63.98	2	408.84	2	752.95	2	1,103.04	2	1,453.20	2	1,803.49	2	2,153.79	2	2,504.09	2	2,854.39	2	3,204.69	2	3,554.99	2	3,905.29	2	4,255.46	2	
1/4	70.94	1/4	416.14	1/4	760.24	1/4	1,110.33	1/4	1,460.49	1/4	1,810.79	1/4	2,161.09	1/4	2,511.39	1/4	2,861.69	1/4	3,211.99	1/4	3,562.29	1/4	3,912.59	1/4	4,262.72	1/4	
1/2	77.89	1/2	423.43	1/2	767.54	1/2	1,117.62	1/2	1,467.79	1/2	1,818.09	1/2	2,168.39	1/2	2,518.69	1/2	2,868.99	1/2	3,219.29	1/2	3,569.59	1/2	3,919.89	1/2	4,269.98	1/2	
3/4	84.84	3/4	430.73	3/4	774.84	3/4	1,124.91	3/4	1,475.09	3/4	1,825.39	3/4	2,175.69	3/4	2,525.99	3/4	2,876.29	3/4	3,226.59	3/4	3,576.88	3/4	3,927.19	3/4	4,277.23	3/4	
3	91.80	3	438.02	3	782.14	3	1,132.20	3	1,482.39	3	1,832.69	3	2,182.99	3	2,533.28	3	2,883.58	3	3,233.88	3	3,584.18	3	3,934.49	3	4,284.49	3	
1/4	98.79	1/4	445.31	1/4	789.43	1/4	1,139.50	1/4	1,489.69	1/4	1,839.98	1/4	2,190.28	1/4	2,540.58	1/4	2,890.88	1/4	3,241.18	1/4	3,591.48	1/4	3,941.78	1/4	4,291.72	1/4	
1/2	105.78	1/2	452.60	1/2	796.73	1/2	1,146.79	1/2	1,496.98	1/2	1,847.28	1/2	2,197.58	1/2	2,547.88	1/2	2,898.18	1/2	3,248.48	1/2	3,598.78	1/2	3,949.08	1/2	4,298.94	1/2	
3/4	112.77	3/4	459.88	3/4	804.03	3/4	1,154.08	3/4	1,504.28	3/4	1,854.58	3/4	2,204.88	3/4	2,555.18	3/4	2,905.48	3/4	3,255.78	3/4	3,606.08	3/4	3,956.38	3/4	4,306.17	3/4	
4	119.77	4	467.17	4	811.33	4	1,161.37	4	1,511.58	4	1,861.88	4	2,212.18	4	2,562.48	4	2,912.78	4	3,263.07	4	3,613.37	4	3,963.68	4	4,313.40	4	
1/4	126.78	1/4	474.46	1/4	818.62	1/4	1,168.66	1/4	1,518.88	1/4	1,869.18	1/4	2,219.48	1/4	2,569.77	1/4	2,920.07	1/4	3,270.37	1/4	3,620.67	1/4	3,970.98	1/4	4,320.47	1/4	
1/2	133.80	1/2	481.75	1/2	825.92	1/2	1,175.95	1/2	1,526.17	1/2	1,876.47	1/2	2,226.77	1/2	2,577.07	1/2	2,927.37	1/2	3,277.67	1/2	3,627.97	1/2	3,978.27	1/2	4,327.53	1/2	
3/4	140.81	3/4	489.03	3/4	833.22	3/4	1,183.25	3/4	1,533.47	3/4	1,883.77	3/4	2,234.07	3/4	2,584.37	3/4	2,934.67	3/4	3,284.97	3/4	3,635.27	3/4	3,985.57	3/4	4,334.60	3/4	
5	147.83	5	496.32	5	840.51	5	1,190.54	5	1,540.77	5	1,891.07	5	2,241.37	5	2,591.67	5	2,941.97	5	3,292.27	5	3,642.57	5	3,992.87	5	4,341.67	5	
1/4	154.92	1/4	503.55	1/4	847.81	1/4	1,197.83	1/4	1,548.07	1/4	1,898.37	1/4	2,248.67	1/4	2,598.97	1/4	2,949.27	1/4	3,299.56	1/4	3,649.86	1/4	4,000.17	1/4	4,348.05	1/4	
1/2	162.01	1/2	510.78	1/2	855.11	1/2	1,205.12	1/2	1,555.37	1/2	1,905.67	1/2	2,255.96	1/2	2,606.26	1/2	2,956.56	1/2	3,306.86	1/2	3,657.16	1/2	4,007.47	1/2	4,354.43	1/2	
3/4	169.10	3/4	518.00	3/4	862.40	3/4	1,212.41	3/4	1,562.66	3/4	1,912.96	3/4	2,263.26	3/4	2,613.56	3/4	2,963.86	3/4	3,314.16	3/4	3,664.46	3/4	4,014.76	3/4	4,360.80	3/4	
6	176.19	6	525.23	6	869.70	6	1,219.70	6	1,569.96	6	1,920.26	6	2,270.56	6	2,620.86	6	2,971.16	6	3,321.46	6	3,671.76	6	4,022.06	6	4,367.18	6	
1/4	183.47	1/4	532.28	1/4	876.99	1/4	1,227.00	1/4	1,577.26	1/4	1,927.56	1/4	2,277.86	1/4	2,628.16	1/4	2,978.46	1/4	3,328.76	1/4	3,679.06	1/4	4,029.36	1/4	4,372.35	1/4	
1/2	190.76	1/2	539.33	1/2	884.29	1/2	1,234.29	1/2	1,584.56	1/2	1,934.86	1/2	2,285.16	1/2	2,635.46	1/2	2,985.75	1/2	3,336.05	1/2	3,686.35	1/2	4,036.66	1/2	4,377.52	1/2	
3/4	198.04	3/4	546.37	3/4	891.59	3/4	1,241.58	3/4	1,591.86	3/4	1,942.15	3/4	2,292.45	3/4	2,642.75	3/4	2,993.05	3/4	3,343.35	3/4	3,693.65	3/4	4,043.96	3/4	4,382.69	3/4	
7	205.32	7	553.42	7	898.88	7	1,248.87	7	1,599.15	7	1,949.45	7	2,299.75	7	2,650.05	7	3,000.35	7	3,350.65	7	3,700.95	7	4,051.25	7	4,387.86	7	
1/4	212.60	1/4	560.47	1/4	906.18	1/4	1,256.17	1/4	1,606.45	1/4	1,956.75	1/4	2,307.05	1/4	2,657.35	1/4	3,007.65	1/4	3,357.95	1/4	3,708.25	1/4	4,058.55	1/4	4,391.81	1/4	
1/2	219.89	1/2	567.52	1/2	913.47	1/2	1,263.46	1/2	1,613.75	1/2	1,964.05	1/2	2,314.35	1/2	2,664.65	1/2	3,014.95	1/2	3,365.25	1/2	3,715.55	1/2	4,065.85	1/2	4,395.76	1/2	
3/4	227.18	3/4	574.57	3/4	920.77	3/4	1,270.75	3/4	1,621.05	3/4	1,971.35	3/4	2,321.65	3/4	2,671.94	3/4	3,022.24	3/4	3,372.54	3/4	3,722.84	3/4	4,073.15	3/4	4,399.72	3/4	
8	234.46	8	581.61	8	928.06	8	1,278.05	8	1,628.35	8	1,978.64	8	2,328.94	8	2,679.24	8	3,029.54	8	3,379.84	8	3,730.14	8	4,080.45	7/8	4,401.69	8	
1/4	241.73	1/4	588.66	1/4	935.35	1/4	1,285.34	1/4	1,635.64	1/4	1,985.94	1/4	2,336.24	1/4	2,686.54	1/4	3,036.84	1/4	3,387.14	1/4	3,737.44	1/4	4,087.74	1/4		1/4	
1/2	249.00	1/2	595.71	1/2	942.64	1/2	1,292.64	1/2	1,642.94	1/2	1,993.24	1/2	2,343.54	1/2	2,693.84	1/2	3,044.14	1/2	3,394.44	1/2	3,744.74	1/2	4,095.04	1/2		1/2	
3/4	256.26	3/4	602.76	3/4	949.93	3/4	1,299.94	3/4	1,650.24	3/4	2,000.54	3/4	2,350.84	3/4	2,701.14	3/4	3,051.44	3/4	3,401.73	3/4	3,752.04	3/4	4,102.34	3/4		3/4	
9	263.53	9	609.81	9	957.22	9	1,307.24	9	1,657.54	9	2,007.84	9	2,358.14	9	2,708.43	9	3,058.73	9	3,409.03	9	3,759.33	9	4,109.64	9		9	
1/4	270.74	1/4	616.86	1/4	964.52	1/4	1,314.54	1/4	1,664.83	1/4	2,015.13	1/4	2,365.43	1/4	2,715.73	1/4	3,066.03	1/4	3,416.33	1/4	3,766.63	1/4	4,116.94	1/4		1/4	
1/2	277.94	1/2	623.91	1/2	971.81	1/2	1,321.83	1/2	1,672.13	1/2	2,022.43	1/2	2,372.73	1/2	2,723.03	1/2	3,073.33	1/2	3,423.63	1/2	3,773.93	1/2	4,124.23	1/2		1/2	
3/4	285.15	3/4	630.96	3/4	979.10	3/4	1,329.13	3/4	1,679.43	3/4	2,029.73	3/4	2,380.03	3/4	2,730.33	3/4	3,080.63	3/4	3,430.93	3/4	3,781.23	3/4	4,131.53	3/4		3/4	
10	292.36	10	638.01	10	986.39	10	1,336.43	10	1,686.73	10	2,037.03	10	2,387.33	10	2,737.63	10	3,087.93	10	3,438.22	10	3,788.53	10	4,138.83	10		10	
1/4	299.59	1/4	645.06	1/4	993.68	1/4	1,343.73	1/4	1,694.03	1/4	2,044.33	1/4	2,394.62	1/4	2,744.92	1/4	3,095.22	1/4	3,445.52	1/4	3,795.82	1/4	4,146.13	1/4		1/4	
1/2	306.82	1/2	652.12	1/2	1,000.97	1/2	1,351.03	1/2	1,701.32	1/2	2,051.62	1/2	2,401.92	1/2	2,752.22	1/2	3,102.52	1/2	3,452.82	1/2	3,803.12	1/2	4,153.43	1/2		1/2	
3/4	314.05	3/4	659.18	3/4	1,008.26	3/4	1,358.32	3/4	1,708.62	3/4	2,058.92	3/4	2,409.22	3/4	2,759.52	3/4	3,109.82	3/4	3,460.12	3/4	3,810.42	3/4	4,160.73	3/4		3/4	
11	321.28	11	666.24	11	1,015.55	11	1,365.62	11	1,715.92	11	2,066.22	11	2,416.52	11	2,766.82	11	3,117.12	11	3,467.42	11	3,817.72	11	4,168.03	11		11	
1/4	328.58	1/4	673.35	1/4	1,022.84	1/4	1,372.92	1/4	1,723.22	1/4	2,073.52	1/4	2,423.82	1/4	2,774.12	1/4	3,124.41	1/4	3,474.71	1/4	3,825.02	1/4	4,175.32	1/4		1/4	
1/2	335.87	1/2	680.46	1/2	1,030.13	1/2	1,380.22	1/2	1,730.52	1/2	2,080.82	1/2	2,431.11	1/2	2,781.41	1/2	3,131.71	1/2	3,482.01	1/2	3,832.31	1/2	4,182.62	1/2		1/2	
3/4	343.17	3/4	687.58	3/4	1,037.42	3/4	1,387.51	3/4	1,737.81	3/4	2,088.11	3/4	2,438.41	3/4	2,788.71	3/4	3,139.01	3/4	3,489.31	3/4	3,839.61	3/4	4,189.91	3/4		3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

3 PORT

INNAGE TABLE

FORMERLY: CHEM 8003

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: 13'-11 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.
0	26.58	0	372.14	0	715.40	0	1,063.09	0	1,411.47	0	1,756.69	0	2,105.43	0	2,454.38	0	2,803.64	0	3,007.98	0	3,168.98	0	3,329.99	0	3,490.81	0	
1/4	33.44	1/4	379.41	1/4	722.67	1/4	1,070.32	1/4	1,418.64	1/4	1,763.94	1/4	2,112.70	1/4	2,461.65	1/4	2,810.93	1/4	3,011.33	1/4	3,172.34	1/4	3,333.35	1/4	3,494.12	1/4	
1/2	40.30	1/2	386.69	1/2	729.94	1/2	1,077.56	1/2	1,425.80	1/2	1,771.20	1/2	2,119.97	1/2	2,468.92	1/2	2,818.23	1/2	3,014.68	1/2	3,175.69	1/2	3,336.70	1/2	3,497.43	1/2	
3/4	47.16	3/4	393.96	3/4	737.21	3/4	1,084.79	3/4	1,432.97	3/4	1,778.45	3/4	2,127.24	3/4	2,476.19	3/4	2,825.52	3/4	3,018.04	3/4	3,179.05	3/4	3,340.06	3/4	3,500.74	3/4	
1	54.02	1	401.23	1	744.48	1	1,092.03	1	1,440.14	1	1,785.71	1	2,134.51	1	2,483.46	1	2,832.81	1	3,021.39	1	3,182.40	1	3,343.41	1	3,504.05	1	
1/4	61.03	1/4	408.50	1/4	751.74	1/4	1,099.26	1/4	1,447.27	1/4	1,792.96	1/4	2,141.78	1/4	2,490.73	1/4	2,839.61	1/4	3,024.75	1/4	3,185.75	1/4	3,346.77	1/4	3,507.18	1/4	
1/2	68.05	1/2	415.77	1/2	759.01	1/2	1,106.49	1/2	1,454.40	1/2	1,800.21	1/2	2,149.05	1/2	2,498.00	1/2	2,846.41	1/2	3,028.10	1/2	3,189.11	1/2	3,350.12	1/2	3,510.31	1/2	
3/4	75.07	3/4	423.04	3/4	766.27	3/4	1,113.73	3/4	1,461.53	3/4	1,807.46	3/4	2,156.32	3/4	2,505.27	3/4	2,853.21	3/4	3,031.46	3/4	3,192.46	3/4	3,353.47	3/4	3,513.44	3/4	
2	82.09	2	430.31	2	773.54	2	1,120.96	2	1,468.66	2	1,814.72	2	2,163.59	2	2,512.54	2	2,860.02	2	3,034.81	2	3,195.82	2	3,356.83	2	3,516.57	2	
1/4	89.29	1/4	437.40	1/4	780.81	1/4	1,128.19	1/4	1,475.79	1/4	1,821.97	1/4	2,170.86	1/4	2,519.81	1/4	2,865.67	1/4	3,038.16	1/4	3,199.17	1/4	3,360.18	1/4	3,519.23	1/4	
1/2	96.49	1/2	444.49	1/2	788.07	1/2	1,135.43	1/2	1,482.92	1/2	1,829.22	1/2	2,178.13	1/2	2,527.08	1/2	2,871.32	1/2	3,041.52	1/2	3,202.53	1/2	3,363.54	1/2	3,521.88	1/2	
3/4	103.70	3/4	451.58	3/4	795.34	3/4	1,142.66	3/4	1,490.04	3/4	1,836.48	3/4	2,185.40	3/4	2,534.35	3/4	2,876.97	3/4	3,044.87	3/4	3,205.88	3/4	3,366.89	3/4	3,524.53	3/4	
3	110.90	3	458.67	3	802.60	3	1,149.89	3	1,497.17	3	1,843.73	3	2,192.67	3	2,541.62	3	2,882.62	3	3,048.23	3	3,209.24	3	3,370.25	3	3,527.19	3	
1/4	118.17	1/4	465.70	1/4	809.87	1/4	1,157.13	1/4	1,504.30	1/4	1,851.00	1/4	2,199.94	1/4	2,548.89	1/4	2,886.96	1/4	3,051.58	1/4	3,212.59	1/4	3,373.60	1/4	3,529.28	1/4	
1/2	125.44	1/2	472.74	1/2	817.14	1/2	1,164.36	1/2	1,511.43	1/2	1,858.27	1/2	2,207.21	1/2	2,556.16	1/2	2,891.30	1/2	3,054.94	1/2	3,215.94	1/2	3,376.96	1/2	3,531.38	1/2	
3/4	132.71	3/4	479.77	3/4	824.40	3/4	1,171.60	3/4	1,518.56	3/4	1,865.53	3/4	2,214.48	3/4	2,563.43	3/4	2,895.64	3/4	3,058.29	3/4	3,219.30	3/4	3,380.31	3/4	3,533.47	3/4	
4	139.98	4	486.80	4	831.67	4	1,178.83	4	1,525.68	4	1,872.80	4	2,221.75	4	2,570.70	4	2,899.98	4	3,061.64	4	3,222.65	4	3,383.66	4	3,535.57	4	
1/4	147.25	1/4	493.83	1/4	838.91	1/4	1,186.09	1/4	1,532.81	1/4	1,880.07	1/4	2,229.02	1/4	2,577.97	1/4	2,903.50	1/4	3,065.00	1/4	3,226.01	1/4	3,387.02	1/4	3,537.11	1/4	
1/2	154.52	1/2	500.86	1/2	846.14	1/2	1,193.35	1/2	1,539.94	1/2	1,887.34	1/2	2,236.29	1/2	2,585.24	1/2	2,907.02	1/2	3,068.35	1/2	3,229.36	1/2	3,390.37	1/2	3,538.64	1/2	
3/4	161.79	3/4	507.89	3/4	853.38	3/4	1,200.62	3/4	1,547.07	3/4	1,894.61	3/4	2,243.56	3/4	2,592.51	3/4	2,910.54	3/4	3,071.71	3/4	3,232.72	3/4	3,393.73	3/4	3,540.18	3/4	
5	169.06	5	514.93	5	860.62	5	1,207.88	5	1,554.19	5	1,901.88	5	2,250.83	5	2,599.78	5	2,914.05	5	3,075.06	5	3,236.07	5	3,397.08	5	3,541.71	5	
1/4	176.27	1/4	521.96	1/4	867.85	1/4	1,215.15	1/4	1,561.32	1/4	1,909.15	1/4	2,258.10	1/4	2,607.05	1/4	2,917.41	1/4	3,078.42	1/4	3,239.42	1/4	3,400.44	1/4	3,542.69	1/4	
1/2	183.48	1/2	528.99	1/2	875.08	1/2	1,222.42	1/2	1,568.45	1/2	1,916.42	1/2	2,265.37	1/2	2,614.32	1/2	2,920.76	1/2	3,081.77	1/2	3,242.78	1/2	3,403.79	1/2	3,543.67	1/2	
3/4	190.69	3/4	536.02	3/4	882.31	3/4	1,229.69	3/4	1,575.58	3/4	1,923.69	3/4	2,272.64	3/4	2,621.59	3/4	2,924.12	3/4	3,085.12	3/4	3,246.13	3/4	3,407.14	3/4		3/4	
6	197.90	6	543.05	6	889.54	6	1,236.97	6	1,582.70	6	1,930.96	6	2,279.91	6	2,628.86	6	2,927.47	6	3,088.48	6	3,249.49	6	3,410.50	6		6	
1/4	205.09	1/4	550.09	1/4	896.77	1/4	1,244.24	1/4	1,589.94	1/4	1,938.23	1/4	2,287.18	1/4	2,636.12	1/4	2,930.83	1/4	3,091.83	1/4	3,252.84	1/4	3,413.85	1/4		1/4	
1/2	212.28	1/2	557.13	1/2	904.00	1/2	1,251.51	1/2	1,597.17	1/2	1,945.50	1/2	2,294.45	1/2	2,643.39	1/2	2,934.18	1/2	3,095.19	1/2	3,256.20	1/2	3,417.21	1/2		1/2	
3/4	219.47	3/4	564.17	3/4	911.23	3/4	1,258.78	3/4	1,604.40	3/4	1,952.77	3/4	2,301.72	3/4	2,650.66	3/4	2,937.53	3/4	3,098.54	3/4	3,259.55	3/4	3,420.56	3/4		3/4	
7	226.66	7	571.21	7	918.46	7	1,266.05	7	1,611.63	7	1,960.04	7	2,308.99	7	2,657.93	7	2,940.89	7	3,101.90	7	3,262.91	7	3,423.92	7		7	
1/4	233.92	1/4	578.25	1/4	925.69	1/4	1,273.32	1/4	1,618.88	1/4	1,967.31	1/4	2,316.26	1/4	2,665.21	1/4	2,944.24	1/4	3,105.25	1/4	3,266.26	1/4	3,427.27	1/4		1/4	
1/2	241.18	1/2	585.29	1/2	932.92	1/2	1,280.60	1/2	1,626.13	1/2	1,974.58	1/2	2,323.53	1/2	2,672.49	1/2	2,947.60	1/2	3,108.60	1/2	3,269.61	1/2	3,430.62	1/2		1/2	
3/4	248.43	3/4	592.33	3/4	940.15	3/4	1,287.87	3/4	1,633.38	3/4	1,981.85	3/4	2,330.80	3/4	2,679.77	3/4	2,950.95	3/4	3,111.96	3/4	3,272.97	3/4	3,433.98	3/4		3/4	
8	255.69	8	599.37	8	947.38	8	1,295.14	8	1,640.63	8	1,989.12	8	2,338.07	8	2,687.05	8	2,954.31	8	3,115.31	8	3,276.32	8	3,437.33	8		8	
1/4	262.97	1/4	606.58	1/4	954.61	1/4	1,302.41	1/4	1,647.87	1/4	1,996.38	1/4	2,345.34	1/4	2,694.33	1/4	2,957.66	1/4	3,118.67	1/4	3,279.68	1/4	3,440.68	1/4		1/4	
1/2	270.25	1/2	613.79	1/2	961.84	1/2	1,309.68	1/2	1,655.12	1/2	2,003.65	1/2	2,352.61	1/2	2,701.61	1/2	2,961.01	1/2	3,122.02	1/2	3,283.03	1/2	3,444.03	1/2		1/2	
3/4	277.53	3/4	620.99	3/4	969.07	3/4	1,316.95	3/4	1,662.36	3/4	2,010.92	3/4	2,359.87	3/4	2,708.89	3/4	2,964.37	3/4	3,125.38	3/4	3,286.39	3/4	3,447.38	3/4		3/4	
9	284.81	9	628.20	9	976.31	9	1,324.22	9	1,669.60	9	2,018.19	9	2,367.14	9	2,716.18	9	2,967.72	9	3,128.73	9	3,289.74	9	3,450.74	9		9	
1/4	292.09	1/4	635.47	1/4	983.54	1/4	1,331.49	1/4	1,676.85	1/4	2,025.46	1/4	2,374.41	1/4	2,723.46	1/4	2,971.08	1/4	3,132.08	1/4	3,293.10	1/4	3,454.08	1/4		1/4	
1/2	299.37	1/2	642.73	1/2	990.77	1/2	1,338.76	1/2	1,684.09	1/2	2,032.73	1/2	2,381.68	1/2	2,730.74	1/2	2,974.43	1/2	3,135.44	1/2	3,296.45	1/2	3,457.43	1/2		1/2	
3/4	306.65	3/4	649.99	3/4	998.00	3/4	1,346.03	3/4	1,691.33	3/4	2,040.00	3/4	2,388.95	3/4	2,738.02	3/4	2,977.79	3/4	3,138.79	3/4	3,299.80	3/4	3,460.78	3/4		3/4	
10	313.93	10	657.26	10	1,005.23	10	1,353.30	10	1,698.58	10	2,047.27	10	2,396.22	10	2,745.30	10	2,981.14	10	3,142.15	10	3,303.16	10	3,464.12	10		10	
1/4	321.21	1/4	664.52	1/4	1,012.46	1/4	1,360.57	1/4	1,705.84	1/4	2,054.54	1/4	2,403.49	1/4	2,752.59	1/4	2,984.49	1/4	3,145.50	1/4	3,306.51	1/4	3,467.46	1/4		1/4	
1/2	328.49	1/2	671.79	1/2	1,019.69	1/2	1,367.84	1/2	1,713.10	1/2	2,061.81	1/2	2,410.76	1/2	2,759.88	1/2	2,987.85	1/2	3,148.86	1/2	3,309.87	1/2	3,470.81	1/2		1/2	
3/4	335.77	3/4	679.06	3/4	1,026.92	3/4	1,375.11	3/4	1,720.36	3/4	2,069.08	3/4	2,418.03	3/4	2,767.17	3/4	2,991.20	3/4	3,152.21	3/4	3,313.22	3/4	3,474.15	3/4		3/4	
11	343.05	11	686.33	11	1,034.16	11	1,382.39	11	1,727.62	11	2,076.35	11	2,425.30	11	2,774.46	11	2,994.56	11	3,155.56	11	3,316.58	11	3,477.49	11		11	
1/4	350.33	1/4	693.59	1/4	1,041.39	1/4	1,389.66	1/4	1,734.89	1/4	2,083.62	1/4	2,432.57	1/4	2,781.76	1/4	2,997.91	1/4	3,158.92	1/4	3,319.93	1/4	3,480.82	1/4		1/4	
1/2	357.60	1/2	700.86	1/2	1,048.62	1/2	1,396.93	1/2	1,742.15	1/2	2,090.89	1/2	2,439.84	1/2	2,789.05	1/2	3,001.27	1/2	3,162.27	1/2	3,323.28	1/2	3,484.15	1/2		1/2	
3/4	364.87	3/4	708.13	3/4	1,055.86	3/4	1,404.20	3/4	1,749.42	3/4	2,098.16	3/4	2,447.11	3/4	2,796.34	3/4	3,004.62	3/4	3,165.63	3/4	3,326.64	3/4	3,487.48	3/4		3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

FORMERLY: CHEM 8003

3 STBD

INNAGE 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: 13'-11 3/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.	IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.
0	26.53	0	371.93	0	715.02	0	1,062.55	0	1,410.75	0	1,755.83	0	2,104.43	0	2,453.21	0	2,802.31	0	3,006.55	0	3,167.49	0	3,328.42	0	3,489.15	0	
1/4	33.38	1/4	379.19	1/4	722.29	1/4	1,069.78	1/4	1,417.91	1/4	1,763.09	1/4	2,111.69	1/4	2,460.48	1/4	2,809.60	1/4	3,009.90	1/4	3,170.84	1/4	3,331.77	1/4	3,492.46	1/4	
1/2	40.24	1/2	386.46	1/2	729.55	1/2	1,077.01	1/2	1,425.07	1/2	1,770.34	1/2	2,118.96	1/2	2,467.75	1/2	2,816.89	1/2	3,013.26	1/2	3,174.19	1/2	3,335.13	1/2	3,495.77	1/2	
3/4	47.09	3/4	393.73	3/4	736.82	3/4	1,084.24	3/4	1,432.24	3/4	1,777.59	3/4	2,126.22	3/4	2,475.01	3/4	2,824.18	3/4	3,016.61	3/4	3,177.54	3/4	3,338.48	3/4	3,499.08	3/4	
1	53.95	1	401.00	1	744.08	1	1,091.47	1	1,439.40	1	1,784.85	1	2,133.49	1	2,482.28	1	2,831.47	1	3,019.96	1	3,180.90	1	3,341.83	1	3,502.39	1	
1/4	60.96	1/4	408.26	1/4	751.35	1/4	1,098.70	1/4	1,446.52	1/4	1,792.10	1/4	2,140.76	1/4	2,489.54	1/4	2,838.27	1/4	3,023.31	1/4	3,184.25	1/4	3,345.18	1/4	3,505.52	1/4	
1/2	67.98	1/2	415.53	1/2	758.61	1/2	1,105.93	1/2	1,453.65	1/2	1,799.35	1/2	2,148.02	1/2	2,496.81	1/2	2,845.06	1/2	3,026.67	1/2	3,187.60	1/2	3,348.54	1/2	3,508.65	1/2	
3/4	74.99	3/4	422.80	3/4	765.87	3/4	1,113.16	3/4	1,460.78	3/4	1,806.59	3/4	2,155.29	3/4	2,504.08	3/4	2,851.86	3/4	3,030.02	3/4	3,190.95	3/4	3,351.89	3/4	3,511.78	3/4	
2	82.00	2	430.06	2	773.13	2	1,120.39	2	1,467.90	2	1,813.84	2	2,162.56	2	2,511.34	2	2,858.66	2	3,033.37	2	3,194.31	2	3,355.24	2	3,514.91	2	
1/4	89.20	1/4	437.15	1/4	780.40	1/4	1,127.62	1/4	1,475.03	1/4	1,821.10	1/4	2,169.82	1/4	2,518.61	1/4	2,864.31	1/4	3,036.73	1/4	3,197.66	1/4	3,358.59	1/4	3,517.56	1/4	
1/2	96.41	1/2	444.24	1/2	787.66	1/2	1,134.85	1/2	1,482.16	1/2	1,828.35	1/2	2,177.09	1/2	2,525.88	1/2	2,869.96	1/2	3,040.08	1/2	3,201.01	1/2	3,361.95	1/2	3,520.21	1/2	
3/4	103.61	3/4	451.33	3/4	794.92	3/4	1,142.08	3/4	1,489.28	3/4	1,835.60	3/4	2,184.36	3/4	2,533.14	3/4	2,875.61	3/4	3,043.43	3/4	3,204.37	3/4	3,365.30	3/4	3,522.87	3/4	
3	110.81	3	458.41	3	802.18	3	1,149.31	3	1,496.41	3	1,842.85	3	2,191.62	3	2,540.41	3	2,881.26	3	3,046.78	3	3,207.72	3	3,368.65	3	3,525.52	3	
1/4	118.07	1/4	465.44	1/4	809.45	1/4	1,156.54	1/4	1,503.53	1/4	1,850.11	1/4	2,198.89	1/4	2,547.67	1/4	2,885.59	1/4	3,050.14	1/4	3,211.07	1/4	3,372.01	1/4	3,527.61	1/4	
1/2	125.34	1/2	472.47	1/2	816.71	1/2	1,163.77	1/2	1,510.66	1/2	1,857.38	1/2	2,206.16	1/2	2,554.94	1/2	2,889.93	1/2	3,053.49	1/2	3,214.42	1/2	3,375.36	1/2	3,529.71	1/2	
3/4	132.60	3/4	479.50	3/4	823.97	3/4	1,171.00	3/4	1,517.78	3/4	1,864.64	3/4	2,213.42	3/4	2,562.21	3/4	2,894.27	3/4	3,056.84	3/4	3,217.78	3/4	3,378.71	3/4	3,531.80	3/4	
4	139.87	4	486.53	4	831.23	4	1,178.23	4	1,524.91	4	1,871.90	4	2,220.69	4	2,569.47	4	2,898.61	4	3,060.20	4	3,221.13	4	3,382.06	4	3,533.90	4	
1/4	147.14	1/4	493.56	1/4	838.47	1/4	1,185.49	1/4	1,532.03	1/4	1,879.17	1/4	2,227.95	1/4	2,576.74	1/4	2,902.12	1/4	3,063.55	1/4	3,224.48	1/4	3,385.42	1/4	3,535.43	1/4	
1/2	154.40	1/2	500.58	1/2	845.70	1/2	1,192.75	1/2	1,539.16	1/2	1,886.43	1/2	2,235.22	1/2	2,584.01	1/2	2,905.64	1/2	3,066.90	1/2	3,227.84	1/2	3,388.77	1/2	3,536.97	1/2	
3/4	161.67	3/4	507.61	3/4	852.94	3/4	1,200.01	3/4	1,546.28	3/4	1,893.70	3/4	2,242.49	3/4	2,591.27	3/4	2,909.16	3/4	3,070.25	3/4	3,231.19	3/4	3,392.12	3/4	3,538.50	3/4	
5	168.93	5	514.64	5	860.18	5	1,207.27	5	1,553.41	5	1,900.97	5	2,249.75	5	2,598.54	5	2,912.67	5	3,073.61	5	3,234.54	5	3,395.48	5	3,540.04	5	
1/4	176.14	1/4	521.67	1/4	867.40	1/4	1,214.54	1/4	1,560.53	1/4	1,908.23	1/4	2,257.02	1/4	2,605.81	1/4	2,916.03	1/4	3,076.96	1/4	3,237.89	1/4	3,398.83	1/4	3,541.01	1/4	
1/2	183.35	1/2	528.70	1/2	874.63	1/2	1,221.81	1/2	1,567.66	1/2	1,915.50	1/2	2,264.29	1/2	2,613.07	1/2	2,919.38	1/2	3,080.31	1/2	3,241.25	1/2	3,402.18	1/2	3,541.99	1/2	
3/4	190.56	3/4	535.73	3/4	881.86	3/4	1,229.08	3/4	1,574.78	3/4	1,922.77	3/4	2,271.55	3/4	2,620.34	3/4	2,922.73	3/4	3,083.67	3/4	3,244.60	3/4	3,405.53	5/8	3,542.48	3/4	
6	197.76	6	542.75	6	889.08	6	1,236.34	6	1,581.91	6	1,930.03	6	2,278.82	6	2,627.61	6	2,926.08	6	3,087.02	6	3,247.95	6	3,408.89	6		6	
1/4	204.95	1/4	549.79	1/4	896.31	1/4	1,243.61	1/4	1,589.14	1/4	1,937.30	1/4	2,286.09	1/4	2,634.87	1/4	2,929.44	1/4	3,090.37	1/4	3,251.31	1/4	3,412.24	1/4		1/4	
1/2	212.14	1/2	556.82	1/2	903.54	1/2	1,250.88	1/2	1,596.37	1/2	1,944.56	1/2	2,293.35	1/2	2,642.14	1/2	2,932.79	1/2	3,093.72	1/2	3,254.66	1/2	3,415.59	1/2		1/2	
3/4	219.32	3/4	563.86	3/4	910.76	3/4	1,258.15	3/4	1,603.60	3/4	1,951.83	3/4	2,300.62	3/4	2,649.41	3/4	2,936.14	3/4	3,097.08	3/4	3,258.01	3/4	3,418.95	3/4		3/4	
7	226.51	7	570.90	7	917.99	7	1,265.41	7	1,610.83	7	1,959.10	7	2,307.88	7	2,656.67	7	2,939.49	7	3,100.43	7	3,261.36	7	3,422.30	7		7	
1/4	233.77	1/4	577.93	1/4	925.22	1/4	1,272.68	1/4	1,618.07	1/4	1,966.36	1/4	2,315.15	1/4	2,663.95	1/4	2,942.85	1/4	3,103.78	1/4	3,264.72	1/4	3,425.65	1/4		1/4	
1/2	241.02	1/2	584.97	1/2	932.44	1/2	1,279.95	1/2	1,625.32	1/2	1,973.63	1/2	2,322.42	1/2	2,671.22	1/2	2,946.20	1/2	3,107.13	1/2	3,268.07	1/2	3,429.00	1/2		1/2	
3/4	248.27	3/4	592.01	3/4	939.67	3/4	1,287.22	3/4	1,632.57	3/4	1,980.90	3/4	2,329.68	3/4	2,678.50	3/4	2,949.55	3/4	3,110.49	3/4	3,271.42	3/4	3,432.35	3/4		3/4	
8	255.53	8	599.05	8	946.90	8	1,294.48	8	1,639.81	8	1,988.16	8	2,336.95	8	2,685.77	8	2,952.91	8	3,113.84	8	3,274.77	8	3,435.70	8		8	
1/4	262.81	1/4	606.25	1/4	954.12	1/4	1,301.75	1/4	1,647.06	1/4	1,995.43	1/4	2,344.22	1/4	2,693.05	1/4	2,956.26	1/4	3,117.19	1/4	3,278.13	1/4	3,439.05	1/4		1/4	
1/2	270.08	1/2	613.46	1/2	961.35	1/2	1,309.02	1/2	1,654.30	1/2	2,002.70	1/2	2,351.48	1/2	2,700.33	1/2	2,959.61	1/2	3,120.55	1/2	3,281.48	1/2	3,442.40	1/2		1/2	
3/4	277.36	3/4	620.66	3/4	968.58	3/4	1,316.28	3/4	1,661.54	3/4	2,009.96	3/4	2,358.75	3/4	2,707.61	3/4	2,962.96	3/4	3,123.90	3/4	3,284.83	3/4	3,445.75	3/4		3/4	
9	284.64	9	627.86	9	975.80	9	1,323.55	9	1,668.78	9	2,017.23	9	2,366.02	9	2,714.89	9	2,966.32	9	3,127.25	9	3,288.19	9	3,449.10	9		9	
1/4	291.91	1/4	635.12	1/4	983.03	1/4	1,330.82	1/4	1,676.02	1/4	2,024.50	1/4	2,373.28	1/4	2,722.17	1/4	2,969.67	1/4	3,130.60	1/4	3,291.54	1/4	3,452.45	1/4		1/4	
1/2	299.19	1/2	642.38	1/2	990.26	1/2	1,338.08	1/2	1,683.26	1/2	2,031.76	1/2	2,380.55	1/2	2,729.44	1/2	2,973.02	1/2	3,133.96	1/2	3,294.89	1/2	3,455.79	1/2		1/2	
3/4	306.47	3/4	649.64	3/4	997.49	3/4	1,345.35	3/4	1,690.50	3/4	2,039.03	3/4	2,387.82	3/4	2,736.72	3/4	2,976.38	3/4	3,137.31	3/4	3,298.24	3/4	3,459.14	3/4		3/4	
10	313.74	10	656.90	10	1,004.71	10	1,352.61	10	1,697.74	10	2,046.29	10	2,395.08	10	2,744.00	10	2,979.73	10	3,140.66	10	3,301.60	10	3,462.48	10		10	
1/4	321.02	1/4	664.17	1/4	1,011.94	1/4	1,359.88	1/4	1,705.00	1/4	2,053.56	1/4	2,402.35	1/4	2,751.29	1/4	2,983.08	1/4	3,144.02	1/4	3,304.95	1/4	3,465.82	1/4		1/4	
1/2	328.30	1/2	671.43	1/2	1,019.17	1/2	1,367.15	1/2	1,712.26	1/2	2,060.83	1/2	2,409.61	1/2	2,758.57	1/2	2,986.43	1/2	3,147.37	1/2	3,308.30	1/2	3,469.16	1/2		1/2	
3/4	335.57	3/4	678.70	3/4	1,026.40	3/4	1,374.41	3/4	1,719.52	3/4	2,068.09	3/4	2,416.88	3/4	2,765.86	3/4	2,989.79	3/4	3,150.72	3/4	3,311.66	3/4	3,472.50	3/4		3/4	
11	342.85	11	685.96	11	1,033.63	11	1,381.68	11	1,726.78	11	2,075.36	11	2,424.15	11	2,773.15	11	2,993.14	11	3,154.07	11	3,315.01	11	3,475.84	11		11	
1/4	350.12	1/4	693.23	1/4	1,040.86	1/4	1,388.95	1/4	1,734.04	1/4	2,082.63	1/4	2,431.41	1/4	2,780.44	1/4	2,996.49	1/4	3,157.43	1/4	3,318.36	1/4	3,479.17	1/4		1/4	
1/2	357.39	1/2	700.49	1/2	1,048.09	1/2	1,396.22	1/2	1,741.31	1/2	2,089.89	1/2	2,438.68	1/2	2,787.73	1/2	2,999.85	1/2	3,160.78	1/2	3,321.71	1/2	3,482.50	1/2		1/2	
3/4	364.66	3/4	707.76	3/4	1,055.32	3/4	1,403.48	3/4	1,748.57	3/4	2,097.16	3/4	2,445.95	3/4	2,795.02	3/4	3,003.20	3/4	3,164.13	3/4	3,325.07	3/4	3,485.82	3/4		3/4	

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DATE STRAPPED: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

Intertek

BARGE: HFL 417

JEFFBOAT 14-2903

FUEL TANK PORT

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8003

GAUGE HEIGHT: 3'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0	6	1,470	0	2,940	6	4,410	0	5,880	6	7,350	0		6		0		6	
1/8	31	1/8	1,501	1/8	2,971	1/8	4,441	1/8	5,911	1/8	7,381	1/8		1/8		1/8		1/8	
1/4	61	1/4	1,531	1/4	3,001	1/4	4,472	1/4	5,942	1/4	7,412	1/4		1/4		1/4		1/4	
3/8	92	3/8	1,562	3/8	3,032	3/8	4,502	3/8	5,972	3/8	7,442	3/8		3/8		3/8		3/8	
1/2	123	1/2	1,593	1/2	3,063	1/2	4,533	1/2	6,003	1/2	7,473	1/2		1/2		1/2		1/2	
5/8	153	5/8	1,623	5/8	3,093	5/8	4,563	5/8	6,033	5/8	7,504	5/8		5/8		5/8		5/8	
3/4	184	3/4	1,654	3/4	3,124	3/4	4,594	3/4	6,064	3/4	7,534	3/4		3/4		3/4		3/4	
7/8	214	7/8	1,684	7/8	3,155	7/8	4,625	7/8	6,095	7/8	7,565	7/8		7/8		7/8		7/8	
1	245	7	1,715	1	3,185	7	4,655	1	6,125	7	7,595	1		7		1		7	
1/8	276	1/8	1,746	1/8	3,216	1/8	4,686	1/8	6,156	1/8	7,626	1/8		1/8		1/8		1/8	
1/4	306	1/4	1,776	1/4	3,246	1/4	4,717	1/4	6,187	1/4	7,657	1/4		1/4		1/4		1/4	
3/8	337	3/8	1,807	3/8	3,277	3/8	4,747	3/8	6,217	3/8	7,687	3/8		3/8		3/8		3/8	
1/2	368	1/2	1,838	1/2	3,308	1/2	4,778	1/2	6,248	1/2	7,718	1/2		1/2		1/2		1/2	
5/8	398	5/8	1,868	5/8	3,338	5/8	4,808	5/8	6,278	5/8	7,749	5/8		5/8		5/8		5/8	
3/4	429	3/4	1,899	3/4	3,369	3/4	4,839	3/4	6,309	3/4	7,779	3/4		3/4		3/4		3/4	
7/8	459	7/8	1,929	7/8	3,400	7/8	4,870	7/8	6,340	7/8	7,810	7/8		7/8		7/8		7/8	
2	490	8	1,960	2	3,430	8	4,900	2	6,370	8	7,840	2		8		2		8	
1/8	521	1/8	1,991	1/8	3,461	1/8	4,931	1/8	6,401	1/8	7,856	1/8		1/8		1/8		1/8	
1/4	551	1/4	2,021	1/4	3,491	1/4	4,962	1/4	6,432	1/4	7,871	1/4		1/4		1/4		1/4	
3/8	582	3/8	2,052	3/8	3,522	3/8	4,992	3/8	6,462	3/8	7,886	3/8		3/8		3/8		3/8	
1/2	613	1/2	2,083	1/2	3,553	1/2	5,023	1/2	6,493	1/2	7,902	1/2		1/2		1/2		1/2	
5/8	643	5/8	2,113	5/8	3,583	5/8	5,053	5/8	6,524	5/8	7,917	5/8		5/8		5/8		5/8	
3/4	674	3/4	2,144	3/4	3,614	3/4	5,084	3/4	6,554	3/4	7,932	3/4		3/4		3/4		3/4	
7/8	704	7/8	2,175	7/8	3,645	7/8	5,115	7/8	6,585	7/8	7,948	7/8		7/8		7/8		7/8	
3	735	9	2,205	3	3,675	9	5,145	3	6,615	9	7,963	3		9		3		9	
1/8	766	1/8	2,236	1/8	3,706	1/8	5,176	1/8	6,646	1/8		1/8		1/8		1/8		1/8	
1/4	796	1/4	2,266	1/4	3,736	1/4	5,207	1/4	6,677	1/4		1/4		1/4		1/4		1/4	
3/8	827	3/8	2,297	3/8	3,767	3/8	5,237	3/8	6,707	3/8		3/8		3/8		3/8		3/8	
1/2	858	1/2	2,328	1/2	3,798	1/2	5,268	1/2	6,738	1/2		1/2		1/2		1/2		1/2	
5/8	888	5/8	2,358	5/8	3,828	5/8	5,298	5/8	6,769	5/8		5/8		5/8		5/8		5/8	
3/4	919	3/4	2,389	3/4	3,859	3/4	5,329	3/4	6,799	3/4		3/4		3/4		3/4		3/4	
7/8	949	7/8	2,420	7/8	3,890	7/8	5,360	7/8	6,830	7/8		7/8		7/8		7/8		7/8	
4	980	10	2,450	4	3,920	10	5,390	4	6,860	10		4		10		4		10	
1/8	1,011	1/8	2,481	1/8	3,951	1/8	5,421	1/8	6,891	1/8		1/8		1/8		1/8		1/8	
1/4	1,041	1/4	2,511	1/4	3,981	1/4	5,452	1/4	6,922	1/4		1/4		1/4		1/4		1/4	
3/8	1,072	3/8	2,542	3/8	4,012	3/8	5,482	3/8	6,952	3/8		3/8		3/8		3/8		3/8	
1/2	1,103	1/2	2,573	1/2	4,043	1/2	5,513	1/2	6,983	1/2		1/2		1/2		1/2		1/2	
5/8	1,133	5/8	2,603	5/8	4,073	5/8	5,543	5/8	7,014	5/8		5/8		5/8		5/8		5/8	
3/4	1,164	3/4	2,634	3/4	4,104	3/4	5,574	3/4	7,044	3/4		3/4		3/4		3/4		3/4	
7/8	1,194	7/8	2,665	7/8	4,135	7/8	5,605	7/8	7,075	7/8		7/8		7/8		7/8		7/8	
5	1,225	11	2,695	5	4,165	11	5,635	5	7,105	11		5		11		5		11	
1/8	1,256	1/8	2,726	1/8	4,196	1/8	5,666	1/8	7,136	1/8		1/8		1/8		1/8		1/8	
1/4	1,286	1/4	2,756	1/4	4,226	1/4	5,697	1/4	7,167	1/4		1/4		1/4		1/4		1/4	
3/8	1,317	3/8	2,787	3/8	4,257	3/8	5,727	3/8	7,197	3/8		3/8		3/8		3/8		3/8	
1/2	1,348	1/2	2,818	1/2	4,288	1/2	5,758	1/2	7,228	1/2		1/2		1/2		1/2		1/2	
5/8	1,378	5/8	2,848	5/8	4,318	5/8	5,788	5/8	7,259	5/8		5/8		5/8		5/8		5/8	
3/4	1,409	3/4	2,879	3/4	4,349	3/4	5,819	3/4	7,289	3/4		3/4		3/4		3/4		3/4	
7/8	1,439	7/8	2,910	7/8	4,380	7/8	5,850	7/8	7,320	7/8		7/8		7/8		7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF MANWAY OPPOSITE HINGE.

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Intertek

BARGE: HFL 417

JEFFBOAT 14-2903

FUEL TANK STBD

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8003

GAUGE HEIGHT: 3'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0	0	6	1,470	0	2,940	6	4,410	0	5,880	6	7,350	0		6		0		6	
1/8	31	1/8	1,501	1/8	2,971	1/8	4,441	1/8	5,911	1/8	7,381	1/8		1/8		1/8		1/8	
1/4	61	1/4	1,531	1/4	3,001	1/4	4,472	1/4	5,942	1/4	7,412	1/4		1/4		1/4		1/4	
3/8	92	3/8	1,562	3/8	3,032	3/8	4,502	3/8	5,972	3/8	7,442	3/8		3/8		3/8		3/8	
1/2	123	1/2	1,593	1/2	3,063	1/2	4,533	1/2	6,003	1/2	7,473	1/2		1/2		1/2		1/2	
5/8	153	5/8	1,623	5/8	3,093	5/8	4,563	5/8	6,033	5/8	7,504	5/8		5/8		5/8		5/8	
3/4	184	3/4	1,654	3/4	3,124	3/4	4,594	3/4	6,064	3/4	7,534	3/4		3/4		3/4		3/4	
7/8	214	7/8	1,684	7/8	3,155	7/8	4,625	7/8	6,095	7/8	7,565	7/8		7/8		7/8		7/8	
1	245	7	1,715	1	3,185	7	4,655	1	6,125	7	7,595	1		7		1		7	
1/8	276	1/8	1,746	1/8	3,216	1/8	4,686	1/8	6,156	1/8	7,626	1/8		1/8		1/8		1/8	
1/4	306	1/4	1,776	1/4	3,246	1/4	4,717	1/4	6,187	1/4	7,657	1/4		1/4		1/4		1/4	
3/8	337	3/8	1,807	3/8	3,277	3/8	4,747	3/8	6,217	3/8	7,687	3/8		3/8		3/8		3/8	
1/2	368	1/2	1,838	1/2	3,308	1/2	4,778	1/2	6,248	1/2	7,718	1/2		1/2		1/2		1/2	
5/8	398	5/8	1,868	5/8	3,338	5/8	4,808	5/8	6,278	5/8	7,749	5/8		5/8		5/8		5/8	
3/4	429	3/4	1,899	3/4	3,369	3/4	4,839	3/4	6,309	3/4	7,779	3/4		3/4		3/4		3/4	
7/8	459	7/8	1,929	7/8	3,400	7/8	4,870	7/8	6,340	7/8	7,810	7/8		7/8		7/8		7/8	
2	490	8	1,960	2	3,430	8	4,900	2	6,370	8	7,840	2		8		2		8	
1/8	521	1/8	1,991	1/8	3,461	1/8	4,931	1/8	6,401	1/8	7,856	1/8		1/8		1/8		1/8	
1/4	551	1/4	2,021	1/4	3,491	1/4	4,962	1/4	6,432	1/4	7,871	1/4		1/4		1/4		1/4	
3/8	582	3/8	2,052	3/8	3,522	3/8	4,992	3/8	6,462	3/8	7,886	3/8		3/8		3/8		3/8	
1/2	613	1/2	2,083	1/2	3,553	1/2	5,023	1/2	6,493	1/2	7,902	1/2		1/2		1/2		1/2	
5/8	643	5/8	2,113	5/8	3,583	5/8	5,053	5/8	6,524	5/8	7,917	5/8		5/8		5/8		5/8	
3/4	674	3/4	2,144	3/4	3,614	3/4	5,084	3/4	6,554	3/4	7,932	3/4		3/4		3/4		3/4	
7/8	704	7/8	2,175	7/8	3,645	7/8	5,115	7/8	6,585	7/8	7,948	7/8		7/8		7/8		7/8	
3	735	9	2,205	3	3,675	9	5,145	3	6,615	9	7,963	3		9		3		9	
1/8	766	1/8	2,236	1/8	3,706	1/8	5,176	1/8	6,646	1/8		1/8		1/8		1/8		1/8	
1/4	796	1/4	2,266	1/4	3,736	1/4	5,207	1/4	6,677	1/4		1/4		1/4		1/4		1/4	
3/8	827	3/8	2,297	3/8	3,767	3/8	5,237	3/8	6,707	3/8		3/8		3/8		3/8		3/8	
1/2	858	1/2	2,328	1/2	3,798	1/2	5,268	1/2	6,738	1/2		1/2		1/2		1/2		1/2	
5/8	888	5/8	2,358	5/8	3,828	5/8	5,298	5/8	6,769	5/8		5/8		5/8		5/8		5/8	
3/4	919	3/4	2,389	3/4	3,859	3/4	5,329	3/4	6,799	3/4		3/4		3/4		3/4		3/4	
7/8	949	7/8	2,420	7/8	3,890	7/8	5,360	7/8	6,830	7/8		7/8		7/8		7/8		7/8	
4	980	10	2,450	4	3,920	10	5,390	4	6,860	10		4		10		4		10	
1/8	1,011	1/8	2,481	1/8	3,951	1/8	5,421	1/8	6,891	1/8		1/8		1/8		1/8		1/8	
1/4	1,041	1/4	2,511	1/4	3,981	1/4	5,452	1/4	6,922	1/4		1/4		1/4		1/4		1/4	
3/8	1,072	3/8	2,542	3/8	4,012	3/8	5,482	3/8	6,952	3/8		3/8		3/8		3/8		3/8	
1/2	1,103	1/2	2,573	1/2	4,043	1/2	5,513	1/2	6,983	1/2		1/2		1/2		1/2		1/2	
5/8	1,133	5/8	2,603	5/8	4,073	5/8	5,543	5/8	7,014	5/8		5/8		5/8		5/8		5/8	
3/4	1,164	3/4	2,634	3/4	4,104	3/4	5,574	3/4	7,044	3/4		3/4		3/4		3/4		3/4	
7/8	1,194	7/8	2,665	7/8	4,135	7/8	5,605	7/8	7,075	7/8		7/8		7/8		7/8		7/8	
5	1,225	11	2,695	5	4,165	11	5,635	5	7,105	11		5		11		5		11	
1/8	1,256	1/8	2,726	1/8	4,196	1/8	5,666	1/8	7,136	1/8		1/8		1/8		1/8		1/8	
1/4	1,286	1/4	2,756	1/4	4,226	1/4	5,697	1/4	7,167	1/4		1/4		1/4		1/4		1/4	
3/8	1,317	3/8	2,787	3/8	4,257	3/8	5,727	3/8	7,197	3/8		3/8		3/8		3/8		3/8	
1/2	1,348	1/2	2,818	1/2	4,288	1/2	5,758	1/2	7,228	1/2		1/2		1/2		1/2		1/2	
5/8	1,378	5/8	2,848	5/8	4,318	5/8	5,788	5/8	7,259	5/8		5/8		5/8		5/8		5/8	
3/4	1,409	3/4	2,879	3/4	4,349	3/4	5,819	3/4	7,289	3/4		3/4		3/4		3/4		3/4	
7/8	1,439	7/8	2,910	7/8	4,380	7/8	5,850	7/8	7,320	7/8		7/8		7/8		7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF MANWAY OPPOSITE HINGE.

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BARGE: HFL 417

ULLAGE TRIM TABLE

FORMERLY: CHEM 8003

	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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 PORT	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
2 STBD	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8	00-0/8	- 00-0/8
3 PORT	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-3/8	- 03-3/8
3 STBD	00-5/8	- 00-5/8	01-1/8	- 01-1/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-7/8	- 02-7/8	03-3/8	- 03-3/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

LENGTH BETWEEN DRAFT MARKS: 236'-00"

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

July 28, 2015

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

BARGE: HFL 417

JEFFBOAT 14-2903

1 PORT

ULLAGE TABLE

FORMERLY: CHEM 8003

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: 14'-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.
0		0	3,936.95	0	3,608.05	0	3,279.00	0	2,949.95	0	2,620.90	0	2,291.86	0	1,962.81	0	1,633.76	0	1,304.71	0	975.72	0	646.81	0	325.34	0	37.12
1/4		1/4	3,930.12	1/4	3,601.19	1/4	3,272.14	1/4	2,943.10	1/4	2,614.05	1/4	2,285.00	1/4	1,955.95	1/4	1,626.90	1/4	1,297.85	1/4	968.87	1/4	639.96	1/4	318.77	1/4	32.21
1/2		1/2	3,923.29	1/2	3,594.34	1/2	3,265.29	1/2	2,936.24	1/2	2,607.19	1/2	2,278.14	1/2	1,949.10	1/2	1,620.05	1/2	1,291.00	1/2	962.02	1/2	633.11	1/2	312.19	1/2	27.30
3/4		3/4	3,916.46	3/4	3,587.48	3/4	3,258.44	3/4	2,929.39	3/4	2,600.34	3/4	2,271.29	3/4	1,942.24	3/4	1,613.19	3/4	1,284.14	3/4	955.17	3/4	626.27	3/4	305.61	3/4	22.38
1		1	3,909.62	1	3,580.62	1	3,251.58	1	2,922.53	1	2,593.48	1	2,264.43	1	1,935.38	1	1,606.34	1	1,277.29	1	948.31	1	619.43	1	299.12	1	18.78
1/4		1/4	3,902.78	1/4	3,573.77	1/4	3,244.73	1/4	2,915.68	1/4	2,586.63	1/4	2,257.58	1/4	1,928.53	1/4	1,599.48	1/4	1,270.43	1/4	941.46	1/4	612.59	1/4	292.62	1/4	15.18
1/2		1/2	3,895.93	1/2	3,566.91	1/2	3,237.87	1/2	2,908.82	1/2	2,579.77	1/2	2,250.72	1/2	1,921.67	1/2	1,592.62	1/2	1,263.58	1/2	934.61	1/2	605.76	1/2	286.12	1/2	11.58
3/4		3/4	3,889.09	3/4	3,560.06	3/4	3,231.02	3/4	2,901.97	3/4	2,572.92	3/4	2,243.87	3/4	1,914.82	3/4	1,585.77	3/4	1,256.72	3/4	927.76	3/4	598.92	3/4	279.63	3/4	7.98
2		2	3,882.24	2	3,553.20	2	3,224.16	2	2,895.11	2	2,566.06	2	2,237.01	2	1,907.96	2	1,578.91	2	1,249.86	2	920.91	2	592.19	2	273.21	2	
1/4		1/4	3,875.39	1/4	3,546.35	1/4	3,217.31	1/4	2,888.26	1/4	2,559.21	1/4	2,230.16	1/4	1,901.11	1/4	1,572.06	1/4	1,243.01	1/4	914.06	1/4	585.45	1/4	266.79	1/4	
1/2		1/2	3,868.54	1/2	3,539.49	1/2	3,210.45	1/2	2,881.40	1/2	2,552.35	1/2	2,223.30	1/2	1,894.25	1/2	1,565.20	1/2	1,236.15	1/2	907.21	1/2	578.72	1/2	260.38	1/2	
3/4		3/4	3,861.69	3/4	3,532.64	3/4	3,203.60	3/4	2,874.55	3/4	2,545.50	3/4	2,216.45	3/4	1,887.40	3/4	1,558.35	3/4	1,229.30	3/4	900.36	3/4	571.99	3/4	253.96	3/4	
3		3	3,854.83	3	3,525.78	3	3,196.74	3	2,867.69	3	2,538.64	3	2,209.59	3	1,880.54	3	1,551.49	3	1,222.44	3	893.51	3	565.36	3	247.66	3	
1/4		1/4	3,847.98	1/4	3,518.93	1/4	3,189.89	1/4	2,860.84	1/4	2,531.79	1/4	2,202.74	1/4	1,873.69	1/4	1,544.64	1/4	1,215.59	1/4	886.65	1/4	558.73	1/4	241.37	1/4	
1/2		1/2	3,841.12	1/2	3,512.07	1/2	3,183.03	1/2	2,853.98	1/2	2,524.93	1/2	2,195.88	1/2	1,866.83	1/2	1,537.78	1/2	1,208.73	1/2	879.80	1/2	552.10	1/2	235.08	1/2	
3/4		3/4	3,834.27	3/4	3,505.22	3/4	3,176.18	3/4	2,847.13	3/4	2,518.08	3/4	2,189.03	3/4	1,859.98	3/4	1,530.93	3/4	1,201.88	3/4	872.95	3/4	545.47	3/4	228.79	3/4	
4		4	3,827.41	4	3,498.36	4	3,169.32	4	2,840.27	4	2,511.22	4	2,182.17	4	1,853.12	4	1,524.07	4	1,195.02	4	866.10	4	538.84	4	222.62	4	
1/4		1/4	3,820.56	1/4	3,491.51	1/4	3,162.47	1/4	2,833.42	1/4	2,504.37	1/4	2,175.32	1/4	1,846.27	1/4	1,517.22	1/4	1,188.17	1/4	859.25	1/4	532.22	1/4	216.45	1/4	
1/2		1/2	3,813.70	1/2	3,484.65	1/2	3,155.61	1/2	2,826.56	1/2	2,497.51	1/2	2,168.46	1/2	1,839.41	1/2	1,510.36	1/2	1,181.31	1/2	852.40	1/2	525.60	1/2	210.28	1/2	
3/4		3/4	3,806.85	3/4	3,477.80	3/4	3,148.76	3/4	2,819.71	3/4	2,490.66	3/4	2,161.61	3/4	1,832.56	3/4	1,503.51	3/4	1,174.46	3/4	845.55	3/4	518.97	3/4	204.11	3/4	
5		5	3,799.99	5	3,470.94	5	3,141.90	5	2,812.85	5	2,483.80	5	2,154.75	5	1,825.70	5	1,496.65	5	1,167.60	5	838.70	5	512.35	5	197.98	5	
1/4		1/4	3,793.14	1/4	3,464.09	1/4	3,135.04	1/4	2,806.00	1/4	2,476.95	1/4	2,147.90	1/4	1,818.85	1/4	1,489.80	1/4	1,160.75	1/4	831.84	1/4	505.73	1/4	191.85	1/4	
1/2		1/2	3,786.28	1/2	3,457.23	1/2	3,128.19	1/2	2,799.14	1/2	2,470.09	1/2	2,141.04	1/2	1,811.99	1/2	1,482.94	1/2	1,153.89	1/2	824.99	1/2	499.11	1/2	185.72	1/2	
7/8	4,077.32	3/4	3,779.43	3/4	3,450.38	3/4	3,121.33	3/4	2,792.28	3/4	2,463.24	3/4	2,134.19	3/4	1,805.14	3/4	1,476.09	3/4	1,147.04	3/4	818.14	3/4	492.49	3/4	179.59	3/4	
6	4,075.61	6	3,772.57	6	3,443.52	6	3,114.48	6	2,785.43	6	2,456.38	6	2,127.33	6	1,798.28	6	1,469.23	6	1,140.18	6	811.29	6	485.87	6	173.50	6	
1/4	4,072.18	1/4	3,765.72	1/4	3,436.67	1/4	3,107.62	1/4	2,778.57	1/4	2,449.52	1/4	2,120.48	1/4	1,791.43	1/4	1,462.38	1/4	1,133.33	1/4	804.44	1/4	479.25	1/4	167.42	1/4	
1/2	4,068.75	1/2	3,758.86	1/2	3,429.81	1/2	3,100.77	1/2	2,771.72	1/2	2,442.67	1/2	2,113.62	1/2	1,784.57	1/2	1,455.52	1/2	1,126.48	1/2	797.58	1/2	472.63	1/2	161.33	1/2	
3/4	4,065.33	3/4	3,752.00	3/4	3,422.96	3/4	3,093.91	3/4	2,764.86	3/4	2,435.81	3/4	2,106.76	3/4	1,777.72	3/4	1,448.67	3/4	1,119.62	3/4	790.73	3/4	466.01	3/4	155.24	3/4	
7	4,060.76	7	3,745.15	7	3,416.10	7	3,087.06	7	2,758.01	7	2,428.96	7	2,099.91	7	1,770.86	7	1,441.81	7	1,112.77	7	783.88	7	459.39	7	149.23	7	
1/4	4,056.19	1/4	3,738.29	1/4	3,409.24	1/4	3,080.20	1/4	2,751.15	1/4	2,422.10	1/4	2,093.05	1/4	1,764.00	1/4	1,434.96	1/4	1,105.92	1/4	777.03	1/4	452.77	1/4	143.23	1/4	
1/2	4,051.62	1/2	3,731.44	1/2	3,402.39	1/2	3,073.35	1/2	2,744.30	1/2	2,415.25	1/2	2,086.20	1/2	1,757.15	1/2	1,428.10	1/2	1,099.06	1/2	770.17	1/2	446.15	1/2	137.22	1/2	
3/4	4,047.05	3/4	3,724.58	3/4	3,395.53	3/4	3,066.49	3/4	2,737.44	3/4	2,408.39	3/4	2,079.34	3/4	1,750.29	3/4	1,421.24	3/4	1,092.21	3/4	763.32	3/4	439.53	3/4	131.21	3/4	
8	4,041.34	8	3,717.73	8	3,388.68	8	3,059.64	8	2,730.59	8	2,401.54	8	2,072.49	8	1,743.44	8	1,414.39	8	1,085.36	8	756.46	8	432.81	8	125.41	8	
1/4	4,035.63	1/4	3,710.87	1/4	3,381.82	1/4	3,052.78	1/4	2,723.73	1/4	2,394.68	1/4	2,065.63	1/4	1,736.58	1/4	1,407.53	1/4	1,078.51	1/4	749.61	1/4	426.08	1/4	119.60	1/4	
1/2	4,029.92	1/2	3,704.02	1/2	3,374.97	1/2	3,045.93	1/2	2,716.88	1/2	2,387.83	1/2	2,058.78	1/2	1,729.73	1/2	1,400.68	1/2	1,071.65	1/2	742.76	1/2	419.35	1/2	113.80	1/2	
3/4	4,024.21	3/4	3,697.16	3/4	3,368.11	3/4	3,039.07	3/4	2,710.02	3/4	2,380.97	3/4	2,051.92	3/4	1,722.87	3/4	1,393.82	3/4	1,064.80	3/4	735.90	3/4	412.62	3/4	107.99	3/4	
9	4,017.70	9	3,690.31	9	3,361.26	9	3,032.22	9	2,703.17	9	2,374.12	9	2,045.07	9	1,716.02	9	1,386.97	9	1,057.95	9	729.05	9	405.82	9	102.39	9	
1/4	4,011.18	1/4	3,683.45	1/4	3,354.40	1/4	3,025.36	1/4	2,696.31	1/4	2,367.26	1/4	2,038.21	1/4	1,709.16	1/4	1,380.11	1/4	1,051.10	1/4	722.20	1/4	399.02	1/4	96.79	1/4	
1/2	4,004.66	1/2	3,676.60	1/2	3,347.55	1/2	3,018.51	1/2	2,689.46	1/2	2,360.41	1/2	2,031.36	1/2	1,702.31	1/2	1,373.26	1/2	1,044.24	1/2	715.34	1/2	392.22	1/2	91.19	1/2	
3/4	3,998.15	3/4	3,669.74	3/4	3,340.69	3/4	3,011.65	3/4	2,682.60	3/4	2,353.55	3/4	2,024.50	3/4	1,695.45	3/4	1,366.40	3/4	1,037.39	3/4	708.49	3/4	385.42	3/4	85.59	3/4	
10	3,991.37	10	3,662.89	10	3,333.84	10	3,004.80	10	2,675.75	10	2,346.70	10	2,017.65	10	1,688.60	10	1,359.55	10	1,030.54	10	701.63	10	378.70	10	80.09	10	
1/4	3,984.59	1/4	3,656.03	1/4	3,326.98	1/4	2,997.94	1/4	2,668.89	1/4	2,339.84	1/4	2,010.79	1/4	1,681.74	1/4	1,352.69	1/4	1,023.69	1/4	694.78	1/4	371.97	1/4	74.59	1/4	
1/2	3,977.81	1/2	3,649.18	1/2	3,320.13	1/2	2,991.09	1/2	2,662.04	1/2	2,332.99	1/2	2,003.94	1/2	1,674.89	1/2	1,345.84	1/2	1,016.83	1/2	687.93	1/2	365.25	1/2	69.09	1/2	
3/4	3,971.03	3/4	3,642.32	3/4	3,313.27	3/4	2,984.23	3/4	2,655.18	3/4	2,326.13	3/4	1,997.08	3/4	1,668.03	3/4	1,338.98	3/4	1,009.98	3/4	681.07	3/4	358.52	3/4	63.59	3/4	
11	3,964.22	11	3,635.47	11	3,306.42	11	2,977.38	11	2,648.33	11	2,319.28	11	1,990.23	11	1,661.18	11	1,332.13	11	1,003.13	11	674.22	11	351.87	11	58.20	11	
1/4	3,957.41	1/4	3,628.61	1/4	3,299.56	1/4	2,970.52	1/4	2,641.47	1/4	2,312.42	1/4	1,983.37	1/4	1,654.32	1/4	1,325.27	1/4	996.28	1/4	667.36	1/4	345.22	1/4	52.81	1/4	
1/2	3,950.60	1/2	3,621.76	1/2	3,292.71	1/2	2,963.66	1/2	2,634.62	1/2	2,305.57	1/2	1,976.52	1/2	1,647.47	1/2	1,318.42	1/2	989.43	1/2	660.51	1/2	338.57	1/2	47.42	1/2	
3/4	3,943.78	3/4	3,614.90	3/4	3,285.85	3/4	2,956.81	3/4	2,627.76	3/4	2,298.71	3/4	1,969.66	3/4	1,640.61	3/4	1,311.56	3/4	982.57	3/4	653.65	3/4	331.92	3/4	42.03	3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

1 STBD

ULLAGE TABLE

FORMERLY: CHEM 8003

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: 14'-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.
0		0	3,936.95	0	3,607.97	0	3,278.86	0	2,949.74	0	2,620.62	0	2,291.51	0	1,962.39	0	1,633.27	0	1,304.87	0	975.92	0	647.05	0	325.48	0	37.14
1/4		1/4	3,930.12	1/4	3,601.12	1/4	3,272.00	1/4	2,942.88	1/4	2,613.77	1/4	2,284.65	1/4	1,955.53	1/4	1,626.42	1/4	1,298.01	1/4	969.07	1/4	640.20	1/4	318.90	1/4	32.23
1/2		1/2	3,923.29	1/2	3,594.26	1/2	3,265.14	1/2	2,936.03	1/2	2,606.91	1/2	2,277.79	1/2	1,948.68	1/2	1,619.56	1/2	1,291.15	1/2	962.22	1/2	633.35	1/2	312.32	1/2	27.31
3/4		3/4	3,916.45	3/4	3,587.40	3/4	3,258.29	3/4	2,929.17	3/4	2,600.05	3/4	2,270.94	3/4	1,941.82	3/4	1,612.70	3/4	1,284.29	3/4	955.37	3/4	626.51	3/4	305.74	3/4	22.40
1		1	3,909.61	1	3,580.55	1	3,251.43	1	2,922.31	1	2,593.20	1	2,264.08	1	1,934.96	1	1,605.85	1	1,277.44	1	948.53	1	619.67	1	299.24	1	18.80
1/4		1/4	3,902.76	1/4	3,573.69	1/4	3,244.57	1/4	2,915.46	1/4	2,586.34	1/4	2,257.22	1/4	1,928.11	1/4	1,598.99	1/4	1,270.58	1/4	941.68	1/4	612.83	1/4	292.74	1/4	15.19
1/2		1/2	3,895.92	1/2	3,566.83	1/2	3,237.72	1/2	2,908.60	1/2	2,579.48	1/2	2,250.37	1/2	1,921.25	1/2	1,592.13	1/2	1,263.72	1/2	934.83	1/2	605.99	1/2	286.24	1/2	11.59
3/4		3/4	3,889.07	3/4	3,559.98	3/4	3,230.86	3/4	2,901.74	3/4	2,572.63	3/4	2,243.51	3/4	1,914.39	3/4	1,585.28	3/4	1,256.86	3/4	927.99	3/4	599.15	3/4	279.74	3/4	7.99
2		2	3,882.22	2	3,553.12	2	3,224.00	2	2,894.89	2	2,565.77	2	2,236.65	2	1,907.54	2	1,578.42	2	1,250.01	2	921.14	2	592.41	2	273.32	2	
1/4		1/4	3,875.37	1/4	3,546.26	1/4	3,217.15	1/4	2,888.03	1/4	2,558.91	1/4	2,229.80	1/4	1,900.68	1/4	1,571.56	1/4	1,243.15	1/4	914.29	1/4	585.68	1/4	266.90	1/4	
1/2		1/2	3,868.52	1/2	3,539.41	1/2	3,210.29	1/2	2,881.17	1/2	2,552.06	1/2	2,222.94	1/2	1,893.82	1/2	1,564.71	1/2	1,236.29	1/2	907.44	1/2	578.94	1/2	260.48	1/2	
3/4		3/4	3,861.67	3/4	3,532.55	3/4	3,203.43	3/4	2,874.32	3/4	2,545.20	3/4	2,216.08	3/4	1,886.97	3/4	1,557.85	3/4	1,229.43	3/4	900.60	3/4	572.21	3/4	254.06	3/4	
3		3	3,854.81	3	3,525.69	3	3,196.58	3	2,867.46	3	2,538.34	3	2,209.23	3	1,880.11	3	1,550.99	3	1,222.58	3	893.75	3	565.57	3	247.77	3	
1/4		1/4	3,847.95	1/4	3,518.84	1/4	3,189.72	1/4	2,860.60	1/4	2,531.49	1/4	2,202.37	1/4	1,873.25	1/4	1,544.14	1/4	1,215.72	1/4	886.90	1/4	558.94	1/4	241.47	1/4	
1/2		1/2	3,841.10	1/2	3,511.98	1/2	3,182.86	1/2	2,853.75	1/2	2,524.63	1/2	2,195.51	1/2	1,866.40	1/2	1,537.28	1/2	1,208.86	1/2	880.06	1/2	552.31	1/2	235.18	1/2	
3/4		3/4	3,834.24	3/4	3,505.12	3/4	3,176.01	3/4	2,846.89	3/4	2,517.77	3/4	2,188.66	3/4	1,859.54	3/4	1,530.42	3/4	1,202.00	3/4	873.21	3/4	545.68	3/4	228.88	3/4	
4		4	3,827.38	4	3,498.27	4	3,169.15	4	2,840.03	4	2,510.92	4	2,181.80	4	1,852.68	4	1,523.58	4	1,195.15	4	866.36	4	539.05	4	222.71	4	
1/4		1/4	3,820.53	1/4	3,491.41	1/4	3,162.29	1/4	2,833.18	1/4	2,504.06	1/4	2,174.94	1/4	1,845.83	1/4	1,516.74	1/4	1,188.29	1/4	859.51	1/4	532.42	1/4	216.54	1/4	
1/2		1/2	3,813.67	1/2	3,484.55	1/2	3,155.44	1/2	2,826.32	1/2	2,497.20	1/2	2,168.09	1/2	1,838.97	1/2	1,509.90	1/2	1,181.43	1/2	852.67	1/2	525.80	1/2	210.37	1/2	
3/4		3/4	3,806.81	3/4	3,477.70	3/4	3,148.58	3/4	2,819.46	3/4	2,490.35	3/4	2,161.23	3/4	1,832.11	3/4	1,503.06	3/4	1,174.57	3/4	845.82	3/4	519.17	3/4	204.20	3/4	
5		5	3,799.96	5	3,470.84	5	3,141.72	5	2,812.61	5	2,483.49	5	2,154.37	5	1,825.26	5	1,496.23	5	1,167.72	5	838.97	5	512.55	5	198.07	5	
1/4		1/4	3,793.10	1/4	3,463.98	1/4	3,134.87	1/4	2,805.75	1/4	2,476.63	1/4	2,147.52	1/4	1,818.40	1/4	1,489.40	1/4	1,160.86	1/4	832.13	1/4	505.93	1/4	191.93	1/4	
1/2		1/2	3,786.25	1/2	3,457.13	1/2	3,128.01	1/2	2,798.89	1/2	2,469.78	1/2	2,140.66	1/2	1,811.54	1/2	1,482.58	1/2	1,154.00	1/2	825.28	1/2	499.30	1/2	185.80	1/2	
7/8	4,077.34	3/4	3,779.39	3/4	3,450.27	3/4	3,121.15	3/4	2,792.04	3/4	2,462.92	3/4	2,133.80	3/4	1,804.69	3/4	1,475.75	3/4	1,147.14	3/4	818.43	3/4	492.68	3/4	179.67	3/4	
6	4,075.63	6	3,772.53	6	3,443.42	6	3,114.30	6	2,785.18	6	2,456.06	6	2,126.95	6	1,797.83	6	1,468.92	6	1,140.29	6	811.58	6	486.06	6	173.58	6	
1/4	4,072.20	1/4	3,765.68	1/4	3,436.56	1/4	3,107.44	1/4	2,778.32	1/4	2,449.21	1/4	2,120.09	1/4	1,790.97	1/4	1,462.10	1/4	1,133.44	1/4	804.73	1/4	479.44	1/4	167.49	1/4	
1/2	4,068.77	1/2	3,758.82	1/2	3,429.70	1/2	3,100.58	1/2	2,771.47	1/2	2,442.35	1/2	2,113.23	1/2	1,784.12	1/2	1,455.27	1/2	1,126.59	1/2	797.88	1/2	472.82	1/2	161.40	1/2	
3/4	4,065.34	3/4	3,751.96	3/4	3,422.85	3/4	3,093.73	3/4	2,764.61	3/4	2,435.49	3/4	2,106.38	3/4	1,777.26	3/4	1,448.44	3/4	1,119.73	3/4	791.02	3/4	466.19	3/4	155.31	3/4	
7	4,060.77	7	3,745.11	7	3,415.99	7	3,086.87	7	2,757.75	7	2,428.64	7	2,099.52	7	1,770.40	7	1,441.62	7	1,112.88	7	784.17	7	459.57	7	149.30	7	
1/4	4,056.20	1/4	3,738.25	1/4	3,409.13	1/4	3,080.02	1/4	2,750.90	1/4	2,421.78	1/4	2,092.66	1/4	1,763.55	1/4	1,434.79	1/4	1,106.04	1/4	777.31	1/4	452.95	1/4	143.29	1/4	
1/2	4,051.63	1/2	3,731.39	1/2	3,402.28	1/2	3,073.16	1/2	2,744.04	1/2	2,414.92	1/2	2,085.81	1/2	1,756.69	1/2	1,427.96	1/2	1,099.19	1/2	770.46	1/2	446.33	1/2	137.28	1/2	
3/4	4,047.06	3/4	3,724.54	3/4	3,395.42	3/4	3,066.30	3/4	2,737.19	3/4	2,408.07	3/4	2,078.95	3/4	1,749.83	3/4	1,421.14	3/4	1,092.34	3/4	763.60	3/4	439.70	3/4	131.27	3/4	
8	4,041.35	8	3,717.68	8	3,388.56	8	3,059.45	8	2,730.33	8	2,401.21	8	2,072.09	8	1,742.98	8	1,414.31	8	1,085.49	8	756.75	8	432.98	8	125.47	8	
1/4	4,035.64	1/4	3,710.82	1/4	3,381.71	1/4	3,052.59	1/4	2,723.47	1/4	2,394.36	1/4	2,065.24	1/4	1,736.12	1/4	1,407.48	1/4	1,078.64	1/4	749.89	1/4	426.25	1/4	119.66	1/4	
1/2	4,029.94	1/2	3,703.97	1/2	3,374.85	1/2	3,045.73	1/2	2,716.62	1/2	2,387.50	1/2	2,058.38	1/2	1,729.26	1/2	1,400.66	1/2	1,071.79	1/2	743.03	1/2	419.52	1/2	113.85	1/2	
3/4	4,024.23	3/4	3,697.11	3/4	3,367.99	3/4	3,038.88	3/4	2,709.76	3/4	2,380.64	3/4	2,051.53	3/4	1,722.41	3/4	1,393.83	3/4	1,064.94	3/4	736.18	3/4	412.79	3/4	108.04	3/4	
9	4,017.71	9	3,690.25	9	3,361.14	9	3,032.02	9	2,702.90	9	2,373.79	9	2,044.67	9	1,715.55	9	1,387.00	9	1,058.10	9	729.32	9	405.98	9	102.44	9	
1/4	4,011.19	1/4	3,683.40	1/4	3,354.28	1/4	3,025.16	1/4	2,696.05	1/4	2,366.93	1/4	2,037.81	1/4	1,708.70	1/4	1,380.18	1/4	1,051.25	1/4	722.47	1/4	399.18	1/4	96.84	1/4	
1/2	4,004.67	1/2	3,676.54	1/2	3,347.42	1/2	3,018.31	1/2	2,689.19	1/2	2,360.07	1/2	2,030.96	1/2	1,701.84	1/2	1,373.35	1/2	1,044.40	1/2	715.61	1/2	392.38	1/2	91.23	1/2	
3/4	3,998.15	3/4	3,669.68	3/4	3,340.57	3/4	3,011.45	3/4	2,682.33	3/4	2,353.22	3/4	2,024.10	3/4	1,694.98	3/4	1,366.52	3/4	1,037.55	3/4	708.75	3/4	385.58	3/4	85.63	3/4	
10	3,991.37	10	3,662.83	10	3,333.71	10	3,004.59	10	2,675.48	10	2,346.36	10	2,017.24	10	1,688.13	10	1,359.68	10	1,030.70	10	701.90	10	378.85	10	80.13	10	
1/4	3,984.59	1/4	3,655.97	1/4	3,326.85	1/4	2,997.74	1/4	2,668.62	1/4	2,339.50	1/4	2,010.39	1/4	1,681.27	1/4	1,352.84	1/4	1,023.85	1/4	695.04	1/4	372.12	1/4	74.62	1/4	
1/2	3,977.81	1/2	3,649.11	1/2	3,320.00	1/2	2,990.88	1/2	2,661.76	1/2	2,332.65	1/2	2,003.53	1/2	1,674.41	1/2	1,346.00	1/2	1,017.01	1/2	688.18	1/2	365.39	1/2	69.12	1/2	
3/4	3,971.03	3/4	3,642.26	3/4	3,313.14	3/4	2,984.02	3/4	2,654.91	3/4	2,325.79	3/4	1,996.67	3/4	1,667.56	3/4	1,339.15	3/4	1,010.16	3/4	681.33	3/4	358.67	3/4	63.62	3/4	
11	3,964.22	11	3,635.40	11	3,306.28	11	2,977.17	11	2,648.05	11	2,318.93	11	1,989.82	11	1,660.70	11	1,332.30	11	1,003.31	11	674.47	11	352.01	11	58.23	11	
1/4	3,957.41	1/4	3,628.54	1/4	3,299.43	1/4	2,970.31	1/4	2,641.19	1/4	2,312.08	1/4	1,982.96	1/4	1,653.84	1/4	1,325.44	1/4	996.46	1/4	667.61	1/4	345.36	1/4	52.84	1/4	
1/2	3,950.59	1/2	3,621.69	1/2	3,292.57	1/2	2,963.45	1/2	2,634.34	1/2	2,305.22	1/2	1,976.10	1/2	1,646.99	1/2	1,318.58	1/2	989.61	1/2	660.76	1/2	338.71	1/2	47.44	1/2	
3/4	3,943.78	3/4	3,614.83	3/4	3,285.71	3/4	2,956.60	3/4	2,627.48	3/4	2,298.36	3/4	1,969.25	3/4	1,640.13	3/4	1,311.72	3/4	982.76	3/4	653.90	3/4	332.05	3/4	42.05	3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

2 PORT

ULLAGE TABLE

FORMERLY: CHEM 8003

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: 14'-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.
0		0	4,217.69	0	3,867.65	0	3,517.55	0	3,167.46	0	2,817.36	0	2,467.26	0	2,117.16	0	1,767.07	0	1,421.73	0	1,072.61	0	723.38	0	379.43	0	38.61
1/4		1/4	4,210.41	1/4	3,860.35	1/4	3,510.26	1/4	3,160.16	1/4	2,810.07	1/4	2,459.97	1/4	2,109.87	1/4	1,759.77	1/4	1,414.44	1/4	1,065.35	1/4	716.10	1/4	372.14	1/4	32.47
1/2		1/2	4,203.13	1/2	3,853.06	1/2	3,502.97	1/2	3,152.87	1/2	2,802.77	1/2	2,452.67	1/2	2,102.58	1/2	1,752.48	1/2	1,407.14	1/2	1,058.10	1/2	708.83	1/2	364.84	1/2	28.15
3/4		3/4	4,195.84	3/4	3,845.77	3/4	3,495.67	3/4	3,145.58	3/4	2,795.48	3/4	2,445.38	3/4	2,095.28	3/4	1,745.19	3/4	1,399.85	3/4	1,050.84	3/4	701.55	3/4	357.55	3/4	23.84
1		1	4,188.55	1	3,838.47	1	3,488.38	1	3,138.28	1	2,788.18	1	2,438.09	1	2,087.99	1	1,737.89	1	1,392.56	1	1,043.59	1	694.28	1	350.26	1	19.52
1/4		1/4	4,181.27	1/4	3,831.18	1/4	3,481.09	1/4	3,130.99	1/4	2,780.89	1/4	2,430.79	1/4	2,080.70	1/4	1,730.60	1/4	1,385.26	1/4	1,036.33	1/4	687.00	1/4	342.97	1/4	15.20
1/2		1/2	4,173.97	1/2	3,823.89	1/2	3,473.79	1/2	3,123.69	1/2	2,773.60	1/2	2,423.50	1/2	2,073.40	1/2	1,723.30	1/2	1,377.97	1/2	1,029.07	1/2	679.95	1/2	335.67	1/2	
3/4		3/4	4,166.68	3/4	3,816.59	3/4	3,466.50	3/4	3,116.40	3/4	2,766.30	3/4	2,416.21	3/4	2,066.11	3/4	1,716.01	3/4	1,370.67	3/4	1,021.82	3/4	672.90	3/4	328.38	3/4	
2		2	4,159.39	2	3,809.30	2	3,459.20	2	3,109.11	2	2,759.01	2	2,408.91	2	2,058.81	2	1,708.72	2	1,363.38	2	1,014.56	2	665.84	2	321.09	2	
1/4		1/4	4,152.10	1/4	3,802.00	1/4	3,451.91	1/4	3,101.81	1/4	2,751.72	1/4	2,401.62	1/4	2,051.52	1/4	1,701.42	1/4	1,356.09	1/4	1,007.30	1/4	658.79	1/4	313.79	1/4	
1/2		1/2	4,144.80	1/2	3,794.71	1/2	3,444.62	1/2	3,094.52	1/2	2,744.42	1/2	2,394.32	1/2	2,044.23	1/2	1,694.13	1/2	1,348.79	1/2	1,000.05	1/2	651.74	1/2	306.59	1/2	
3/4		3/4	4,137.51	3/4	3,787.42	3/4	3,437.32	3/4	3,087.23	3/4	2,737.13	3/4	2,387.03	3/4	2,036.93	3/4	1,686.84	3/4	1,341.50	3/4	992.79	3/4	644.68	3/4	299.39	3/4	
3		3	4,130.22	3	3,780.12	3	3,430.03	3	3,079.93	3	2,729.83	3	2,379.74	3	2,029.64	3	1,679.54	3	1,334.21	3	985.54	3	637.63	3	292.18	3	
1/4		1/4	4,122.92	1/4	3,772.83	1/4	3,422.74	1/4	3,072.64	1/4	2,722.54	1/4	2,372.44	1/4	2,022.35	1/4	1,672.25	1/4	1,326.91	1/4	978.28	1/4	630.57	1/4	284.98	1/4	
1/2		1/2	4,115.63	1/2	3,765.54	1/2	3,415.44	1/2	3,065.34	1/2	2,715.25	1/2	2,365.15	1/2	2,015.05	1/2	1,665.15	1/2	1,319.62	1/2	971.02	1/2	623.53	1/2	277.78	1/2	
3/4		3/4	4,108.34	3/4	3,758.24	3/4	3,408.15	3/4	3,058.05	3/4	2,707.95	3/4	2,357.86	3/4	2,007.76	3/4	1,658.06	3/4	1,312.32	3/4	963.77	3/4	616.49	3/4	270.57	3/4	
4		4	4,101.04	4	3,750.95	4	3,400.86	4	3,050.76	4	2,700.66	4	2,350.56	4	2,000.46	4	1,650.96	4	1,305.03	4	956.51	4	609.44	4	263.37	4	
1/4		1/4	4,093.75	1/4	3,743.66	1/4	3,393.56	1/4	3,043.46	1/4	2,693.37	1/4	2,343.27	1/4	1,993.17	1/4	1,643.87	1/4	1,297.74	1/4	949.25	1/4	602.40	1/4	256.17	1/4	
1/2		1/2	4,086.46	1/2	3,736.36	1/2	3,386.27	1/2	3,036.17	1/2	2,686.07	1/2	2,335.97	1/2	1,985.88	1/2	1,636.77	1/2	1,290.44	1/2	942.00	1/2	595.36	1/2	248.89	1/2	
3/4		3/4	4,079.16	3/4	3,729.07	3/4	3,378.97	3/4	3,028.88	3/4	2,678.78	3/4	2,328.68	3/4	1,978.58	3/4	1,629.68	3/4	1,283.15	3/4	934.74	3/4	588.31	3/4	241.60	3/4	
5		5	4,071.87	5	3,721.78	5	3,371.68	5	3,021.58	5	2,671.48	5	2,321.39	5	1,971.29	5	1,622.58	5	1,275.86	5	927.48	5	581.27	5	234.32	5	
3/8	4,389.73	1/4	4,064.57	1/4	3,714.48	1/4	3,364.39	1/4	3,014.29	1/4	2,664.19	1/4	2,314.09	1/4	1,964.00	1/4	1,615.49	1/4	1,268.56	1/4	920.23	1/4	574.23	1/4	227.04	1/4	
1/2	4,387.60	1/2	4,057.28	1/2	3,707.19	1/2	3,357.09	1/2	3,007.00	1/2	2,656.90	1/2	2,306.80	1/2	1,956.70	1/2	1,608.39	1/2	1,261.30	1/2	912.94	1/2	567.18	1/2	219.76	1/2	
3/4	4,383.35	3/4	4,049.99	3/4	3,699.89	3/4	3,349.80	3/4	2,999.70	3/4	2,649.60	3/4	2,299.51	3/4	1,949.41	3/4	1,601.30	3/4	1,254.05	3/4	905.64	3/4	560.14	3/4	212.48	3/4	
6	4,379.09	6	4,042.69	6	3,692.60	6	3,342.51	6	2,992.41	6	2,642.31	6	2,292.21	6	1,942.11	6	1,594.20	6	1,246.79	6	898.35	6	553.09	6	205.19	6	
1/4	4,374.84	1/4	4,035.40	1/4	3,685.31	1/4	3,335.21	1/4	2,985.11	1/4	2,635.02	1/4	2,284.92	1/4	1,934.82	1/4	1,587.10	1/4	1,239.53	1/4	891.06	1/4	546.05	1/4	197.91	1/4	
1/2	4,369.37	1/2	4,028.11	1/2	3,678.01	1/2	3,327.92	1/2	2,977.82	1/2	2,627.72	1/2	2,277.63	1/2	1,927.53	1/2	1,580.01	1/2	1,232.27	1/2	883.77	1/2	539.01	1/2	190.64	1/2	
3/4	4,363.90	3/4	4,020.81	3/4	3,670.72	3/4	3,320.62	3/4	2,970.53	3/4	2,620.43	3/4	2,270.33	3/4	1,920.23	3/4	1,572.91	3/4	1,225.02	3/4	876.48	3/4	531.96	3/4	183.36	3/4	
7	4,358.43	7	4,013.52	7	3,663.43	7	3,313.33	7	2,963.23	7	2,613.14	7	2,263.04	7	1,912.94	7	1,565.82	7	1,217.76	7	869.18	7	524.92	7	176.09	7	
1/4	4,352.96	1/4	4,006.23	1/4	3,656.13	1/4	3,306.04	1/4	2,955.94	1/4	2,605.84	1/4	2,255.74	1/4	1,905.65	1/4	1,558.72	1/4	1,210.50	1/4	861.89	1/4	517.88	1/4	168.81	1/4	
1/2	4,346.28	1/2	3,998.93	1/2	3,648.84	1/2	3,298.74	1/2	2,948.65	1/2	2,598.55	1/2	2,248.45	1/2	1,898.35	1/2	1,551.63	1/2	1,203.24	1/2	854.60	1/2	510.59	1/2	161.79	1/2	
3/4	4,339.60	3/4	3,991.64	3/4	3,641.55	3/4	3,291.45	3/4	2,941.35	3/4	2,591.25	3/4	2,241.16	3/4	1,891.06	3/4	1,544.53	3/4	1,195.99	3/4	847.31	3/4	503.31	3/4	154.76	3/4	
8	4,332.93	8	3,984.34	8	3,634.25	8	3,284.16	8	2,934.06	8	2,583.96	8	2,233.86	8	1,883.77	8	1,537.44	8	1,188.73	8	840.02	8	496.03	8	147.74	8	
1/4	4,326.25	1/4	3,977.05	1/4	3,626.96	1/4	3,276.86	1/4	2,926.76	1/4	2,576.67	1/4	2,226.57	1/4	1,876.47	1/4	1,530.34	1/4	1,181.47	1/4	832.72	1/4	488.74	1/4	140.71	1/4	
1/2	4,319.06	1/2	3,969.76	1/2	3,619.66	1/2	3,269.57	1/2	2,919.47	1/2	2,569.37	1/2	2,219.28	1/2	1,869.18	1/2	1,523.25	1/2	1,174.21	1/2	825.43	1/2	481.46	1/2	133.71	1/2	
3/4	4,311.87	3/4	3,962.46	3/4	3,612.37	3/4	3,262.27	3/4	2,912.18	3/4	2,562.08	3/4	2,211.98	3/4	1,861.88	3/4	1,516.15	3/4	1,166.96	3/4	818.14	3/4	474.18	3/4	126.70	3/4	
9	4,304.68	9	3,955.17	9	3,605.08	9	3,254.98	9	2,904.88	9	2,554.79	9	2,204.69	9	1,854.59	9	1,509.06	9	1,159.70	9	810.85	9	466.89	9	119.69	9	
1/4	4,297.49	1/4	3,947.88	1/4	3,597.78	1/4	3,247.69	1/4	2,897.59	1/4	2,547.49	1/4	2,197.39	1/4	1,847.30	1/4	1,501.96	1/4	1,152.44	1/4	803.55	1/4	459.61	1/4	112.69	1/4	
1/2	4,290.25	1/2	3,940.58	1/2	3,590.49	1/2	3,240.39	1/2	2,890.30	1/2	2,540.20	1/2	2,190.10	1/2	1,840.00	1/2	1,494.67	1/2	1,145.18	1/2	796.26	1/2	452.33	1/2	105.70	1/2	
3/4	4,283.02	3/4	3,933.29	3/4	3,583.20	3/4	3,233.10	3/4	2,883.00	3/4	2,532.90	3/4	2,182.81	3/4	1,832.71	3/4	1,487.37	3/4	1,137.93	3/4	788.97	3/4	445.05	3/4	98.72	3/4	
10	4,275.78	10	3,926.00	10	3,575.90	10	3,225.81	10	2,875.71	10	2,525.61	10	2,175.51	10	1,825.42	10	1,480.08	10	1,130.67	10	781.67	10	437.76	10	91.74	10	
1/4	4,268.55	1/4	3,918.70	1/4	3,568.61	1/4	3,218.51	1/4	2,868.41	1/4	2,518.32	1/4	2,168.22	1/4	1,818.12	1/4	1,472.79	1/4	1,123.41	1/4	774.38	1/4	430.48	1/4	84.76	1/4	
1/2	4,261.29	1/2	3,911.41	1/2	3,561.32	1/2	3,211.22	1/2	2,861.12	1/2	2,511.02	1/2	2,160.93	1/2	1,810.83	1/2	1,465.49	1/2	1,116.15	1/2	767.09	1/2	423.19	1/2	77.82	1/2	
3/4	4,254.03	3/4	3,904.12	3/4	3,554.02	3/4	3,203.93	3/4	2,853.83	3/4	2,503.73	3/4	2,153.63	3/4	1,803.53	3/4	1,458.20	3/4	1,108.90	3/4	759.79	3/4	415.89	3/4	70.88	3/4	
11	4,246.77	11	3,896.82	11	3,546.73	11	3,196.63	11	2,846.53	11	2,496.44	11	2,146.34	11	1,796.24	11	1,450.90	11	1,101.64	11	752.50	11	408.60	11	63.95	11	
1/4	4,239.51	1/4	3,889.53	1/4	3,539.44	1/4	3,189.34	1/4	2,839.24	1/4	2,489.14	1/4	2,139.04	1/4	1,788.95	1/4	1,443.61	1/4	1,094.38	1/4	745.21	1/4	401.31	1/4	57.01	1/4	
1/2	4,232.24	1/2	3,882.23	1/2	3,532.14	1/2	3,182.04	1/2	2,831.95	1/2	2,481.85	1/2	2,131.75	1/2	1,781.65	1/2	1,436.32	1/2	1,087.12	1/2	737.93	1/2	394.02	1/2	50.87	1/2	
3/4	4,224.96	3/4	3,874.94	3/4	3,524.85	3/4	3,174.75	3/4	2,824.65	3/4	2,474.56	3/4	2,124.46	3/4	1,774.36	3/4	1,429.02	3/4	1,079.87	3/4	730.66	3/4	386.72	3/4	44.74	3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

2 STBD

ULLAGE TABLE

FORMERLY: CHEM 8003

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: 14'-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.
0		0	4,248.19	0	3,898.00	0	3,547.69	0	3,197.39	0	2,847.09	0	2,496.80	0	2,146.50	0	1,796.20	0	1,445.90	0	1,095.75	0	745.66	0	401.55	0	57.65
1/4		1/4	4,240.91	1/4	3,890.70	1/4	3,540.40	1/4	3,190.10	1/4	2,839.80	1/4	2,489.50	1/4	2,139.20	1/4	1,788.90	1/4	1,438.60	1/4	1,088.46	1/4	738.38	1/4	394.25	1/4	51.31
1/2		1/2	4,233.63	1/2	3,883.40	1/2	3,533.10	1/2	3,182.80	1/2	2,832.50	1/2	2,482.20	1/2	2,131.90	1/2	1,781.60	1/2	1,431.30	1/2	1,081.16	1/2	731.09	1/2	386.95	1/2	44.97
3/4		3/4	4,226.36	3/4	3,876.10	3/4	3,525.80	3/4	3,175.50	3/4	2,825.20	3/4	2,474.90	3/4	2,124.60	3/4	1,774.30	3/4	1,424.00	3/4	1,073.87	3/4	723.81	3/4	379.65	3/4	38.63
1		1	4,219.07	1	3,868.80	1	3,518.50	1	3,168.20	1	2,817.90	1	2,467.60	1	2,117.30	1	1,767.01	1	1,416.71	1	1,066.58	1	716.53	1	372.36	1	33.85
1/4		1/4	4,211.78	1/4	3,861.51	1/4	3,511.20	1/4	3,160.90	1/4	2,810.61	1/4	2,460.31	1/4	2,110.01	1/4	1,759.71	1/4	1,409.41	1/4	1,059.29	1/4	709.25	1/4	365.06	1/4	29.08
1/2		1/2	4,204.50	1/2	3,854.21	1/2	3,503.91	1/2	3,153.61	1/2	2,803.31	1/2	2,453.01	1/2	2,102.71	1/2	1,752.41	1/2	1,402.11	1/2	1,052.00	1/2	701.97	1/2	357.76	1/2	24.31
3/4		3/4	4,197.21	3/4	3,846.91	3/4	3,496.61	3/4	3,146.31	3/4	2,796.01	3/4	2,445.71	3/4	2,095.41	3/4	1,745.11	3/4	1,394.81	3/4	1,044.71	3/4	694.69	3/4	350.47	3/4	19.53
2		2	4,189.91	2	3,839.61	2	3,489.31	2	3,139.01	2	2,788.71	2	2,438.41	2	2,088.11	2	1,737.81	2	1,387.51	2	1,037.42	2	687.58	2	343.17	2	
1/4		1/4	4,182.62	1/4	3,832.31	1/4	3,482.01	1/4	3,131.71	1/4	2,781.41	1/4	2,431.11	1/4	2,080.82	1/4	1,730.52	1/4	1,380.22	1/4	1,030.13	1/4	680.46	1/4	335.87	1/4	
1/2		1/2	4,175.32	1/2	3,825.02	1/2	3,474.71	1/2	3,124.41	1/2	2,774.12	1/2	2,423.82	1/2	2,073.52	1/2	1,723.22	1/2	1,372.92	1/2	1,022.84	1/2	673.35	1/2	328.58	1/2	
3/4		3/4	4,168.03	3/4	3,817.72	3/4	3,467.42	3/4	3,117.12	3/4	2,766.82	3/4	2,416.52	3/4	2,066.22	3/4	1,715.92	3/4	1,365.62	3/4	1,015.55	3/4	666.24	3/4	321.28	3/4	
3		3	4,160.73	3	3,810.42	3	3,460.12	3	3,109.82	3	2,759.52	3	2,409.22	3	2,058.92	3	1,708.62	3	1,358.32	3	1,008.26	3	659.18	3	314.05	3	
1/4		1/4	4,153.43	1/4	3,803.12	1/4	3,452.82	1/4	3,102.52	1/4	2,752.22	1/4	2,401.92	1/4	2,051.62	1/4	1,701.32	1/4	1,351.03	1/4	1,000.97	1/4	652.12	1/4	306.82	1/4	
1/2		1/2	4,146.13	1/2	3,795.82	1/2	3,445.52	1/2	3,095.22	1/2	2,744.92	1/2	2,394.62	1/2	2,044.33	1/2	1,694.03	1/2	1,343.73	1/2	993.68	1/2	645.06	1/2	299.59	1/2	
3/4		3/4	4,138.83	3/4	3,788.53	3/4	3,438.22	3/4	3,087.93	3/4	2,737.63	3/4	2,387.33	3/4	2,037.03	3/4	1,686.73	3/4	1,336.43	3/4	986.39	3/4	638.01	3/4	292.36	3/4	
4		4	4,131.53	4	3,781.23	4	3,430.93	4	3,080.63	4	2,730.33	4	2,380.03	4	2,029.73	4	1,679.43	4	1,329.13	4	979.10	4	630.96	4	285.15	4	
1/4		1/4	4,124.23	1/4	3,773.93	1/4	3,423.63	1/4	3,073.33	1/4	2,723.03	1/4	2,372.73	1/4	2,022.43	1/4	1,672.13	1/4	1,321.83	1/4	971.81	1/4	623.91	1/4	277.94	1/4	
1/2		1/2	4,116.94	1/2	3,766.63	1/2	3,416.33	1/2	3,066.03	1/2	2,715.73	1/2	2,365.43	1/2	2,015.13	1/2	1,664.83	1/2	1,314.54	1/2	964.52	1/2	616.86	1/2	270.74	1/2	
3/4		3/4	4,109.64	3/4	3,759.33	3/4	3,409.03	3/4	3,058.73	3/4	2,708.43	3/4	2,358.14	3/4	2,007.84	3/4	1,657.54	3/4	1,307.24	3/4	957.22	3/4	609.81	3/4	263.53	3/4	
5		5	4,102.34	5	3,752.04	5	3,401.73	5	3,051.44	5	2,701.14	5	2,350.84	5	2,000.54	5	1,650.24	5	1,299.94	5	949.93	5	602.76	5	256.26	5	
1/4		1/4	4,095.04	1/4	3,744.74	1/4	3,394.44	1/4	3,044.14	1/4	2,693.84	1/4	2,343.54	1/4	1,993.24	1/4	1,642.94	1/4	1,292.64	1/4	942.64	1/4	595.71	1/4	249.00	1/4	
1/2		1/2	4,087.74	1/2	3,737.44	1/2	3,387.14	1/2	3,036.84	1/2	2,686.54	1/2	2,336.24	1/2	1,985.94	1/2	1,635.64	1/2	1,285.34	1/2	935.35	1/2	588.66	1/2	241.73	1/2	
7/8	4,401.69	3/4	4,080.45	3/4	3,730.14	3/4	3,379.84	3/4	3,029.54	3/4	2,679.24	3/4	2,328.94	3/4	1,978.64	3/4	1,628.35	3/4	1,278.05	3/4	928.06	3/4	581.61	3/4	234.46	3/4	
6	4,399.72	6	4,073.15	6	3,722.84	6	3,372.54	6	3,022.24	6	2,671.94	6	2,321.65	6	1,971.35	6	1,621.05	6	1,270.75	6	920.77	6	574.57	6	227.18	6	
1/4	4,395.76	1/4	4,065.85	1/4	3,715.55	1/4	3,365.25	1/4	3,014.95	1/4	2,664.65	1/4	2,314.35	1/4	1,964.05	1/4	1,613.75	1/4	1,263.46	1/4	913.47	1/4	567.52	1/4	219.89	1/4	
1/2	4,391.81	1/2	4,058.55	1/2	3,708.25	1/2	3,357.95	1/2	3,007.65	1/2	2,657.35	1/2	2,307.05	1/2	1,956.75	1/2	1,606.45	1/2	1,256.17	1/2	906.18	1/2	560.47	1/2	212.60	1/2	
3/4	4,387.86	3/4	4,051.25	3/4	3,700.95	3/4	3,350.65	3/4	3,000.35	3/4	2,650.05	3/4	2,299.75	3/4	1,949.45	3/4	1,599.15	3/4	1,248.87	3/4	898.88	3/4	553.42	3/4	205.32	3/4	
7	4,382.69	7	4,043.96	7	3,693.65	7	3,343.35	7	2,993.05	7	2,642.75	7	2,292.45	7	1,942.15	7	1,591.86	7	1,241.58	7	891.59	7	546.37	7	198.04	7	
1/4	4,377.52	1/4	4,036.66	1/4	3,686.35	1/4	3,336.05	1/4	2,985.75	1/4	2,635.46	1/4	2,285.16	1/4	1,934.86	1/4	1,584.56	1/4	1,234.29	1/4	884.29	1/4	539.33	1/4	190.76	1/4	
1/2	4,372.35	1/2	4,029.36	1/2	3,679.06	1/2	3,328.76	1/2	2,978.46	1/2	2,628.16	1/2	2,277.86	1/2	1,927.56	1/2	1,577.26	1/2	1,227.00	1/2	876.99	1/2	532.28	1/2	183.47	1/2	
3/4	4,367.18	3/4	4,022.06	3/4	3,671.76	3/4	3,321.46	3/4	2,971.16	3/4	2,620.86	3/4	2,270.56	3/4	1,920.26	3/4	1,569.96	3/4	1,219.70	3/4	869.70	3/4	525.23	3/4	176.19	3/4	
8	4,360.80	8	4,014.76	8	3,664.46	8	3,314.16	8	2,963.86	8	2,613.56	8	2,263.26	8	1,912.96	8	1,562.66	8	1,212.41	8	862.40	8	518.00	8	169.10	8	
1/4	4,354.43	1/4	4,007.47	1/4	3,657.16	1/4	3,306.86	1/4	2,956.56	1/4	2,606.26	1/4	2,255.96	1/4	1,905.67	1/4	1,555.37	1/4	1,205.12	1/4	855.11	1/4	510.78	1/4	162.01	1/4	
1/2	4,348.05	1/2	4,000.17	1/2	3,649.86	1/2	3,299.56	1/2	2,949.27	1/2	2,598.97	1/2	2,248.67	1/2	1,898.37	1/2	1,548.07	1/2	1,197.83	1/2	847.81	1/2	503.55	1/2	154.92	1/2	
3/4	4,341.67	3/4	3,992.87	3/4	3,642.57	3/4	3,292.27	3/4	2,941.97	3/4	2,591.67	3/4	2,241.37	3/4	1,891.07	3/4	1,540.77	3/4	1,190.54	3/4	840.51	3/4	496.32	3/4	147.83	3/4	
9	4,334.60	9	3,985.57	9	3,635.27	9	3,284.97	9	2,934.67	9	2,584.37	9	2,234.07	9	1,883.77	9	1,533.47	9	1,183.25	9	833.22	9	489.03	9	140.81	9	
1/4	4,327.53	1/4	3,978.27	1/4	3,627.97	1/4	3,277.67	1/4	2,927.37	1/4	2,577.07	1/4	2,226.77	1/4	1,876.47	1/4	1,526.17	1/4	1,175.95	1/4	825.92	1/4	481.75	1/4	133.80	1/4	
1/2	4,320.47	1/2	3,970.98	1/2	3,620.67	1/2	3,270.37	1/2	2,920.07	1/2	2,569.77	1/2	2,219.48	1/2	1,869.18	1/2	1,518.88	1/2	1,168.66	1/2	818.62	1/2	474.46	1/2	126.78	1/2	
3/4	4,313.40	3/4	3,963.68	3/4	3,613.37	3/4	3,263.07	3/4	2,912.78	3/4	2,562.48	3/4	2,212.18	3/4	1,861.88	3/4	1,511.58	3/4	1,161.37	3/4	811.33	3/4	467.17	3/4	119.77	3/4	
10	4,306.17	10	3,956.38	10	3,606.08	10	3,255.78	10	2,905.48	10	2,555.18	10	2,204.88	10	1,854.58	10	1,504.28	10	1,154.08	10	804.03	10	459.88	10	112.77	10	
1/4	4,298.95	1/4	3,949.08	1/4	3,598.78	1/4	3,248.48	1/4	2,898.18	1/4	2,547.88	1/4	2,197.58	1/4	1,847.28	1/4	1,496.98	1/4	1,146.79	1/4	796.73	1/4	452.60	1/4	105.78	1/4	
1/2	4,291.72	1/2	3,941.78	1/2	3,591.48	1/2	3,241.18	1/2	2,890.88	1/2	2,540.58	1/2	2,190.28	1/2	1,839.98	1/2	1,489.69	1/2	1,139.50	1/2	789.43	1/2	445.31	1/2	98.79	1/2	
3/4	4,284.49	3/4	3,934.49	3/4	3,584.18	3/4	3,233.88	3/4	2,883.58	3/4	2,533.28	3/4	2,182.99	3/4	1,832.69	3/4	1,482.39	3/4	1,132.20	3/4	782.14	3/4	438.02	3/4	91.80	3/4	
11	4,277.23	11	3,927.19	11	3,576.88	11	3,226.59	11	2,876.29	11	2,525.99	11	2,175.69	11	1,825.39	11	1,475.09	11	1,124.91	11	774.84	11	430.73	11	84.84	11	
1/4	4,269.98	1/4	3,919.89	1/4	3,569.59	1/4	3,219.29	1/4	2,868.99	1/4	2,518.69	1/4	2,168.39	1/4	1,818.09	1/4	1,467.79	1/4	1,117.62	1/4	767.54	1/4	423.43	1/4	77.89	1/4	
1/2	4,262.72	1/2	3,912.59	1/2	3,562.29	1/2	3,211.99	1/2	2,861.69	1/2	2,511.39	1/2	2,161.09	1/2	1,810.79	1/2	1,460.49	1/2	1,110.33	1/2	760.24	1/2	416.14	1/2	70.94	1/2	
3/4	4,255.46	3/4	3,905.29	3/4	3,554.99	3/4	3,204.69	3/4	2,854.39	3/4	2,504.09	3/4	2,153.79	3/4	1,803.49	3/4	1,453.20	3/4	1,103.04	3/4	752.95	3/4	408.84	3/4	63.98	3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

3 PORT

ULLAGE TABLE

FORMERLY: CHEM 8003

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: 13'-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.
0		0	3,484.15	0	3,323.28	0	3,162.27	0	3,001.27	0	2,789.05	0	2,439.84	0	2,090.89	0	1,742.15	0	1,396.93	0	1,048.62	0	700.86	0	357.60	0	
1/4		1/4	3,480.82	1/4	3,319.93	1/4	3,158.92	1/4	2,997.91	1/4	2,781.76	1/4	2,432.57	1/4	2,083.62	1/4	1,734.89	1/4	1,389.66	1/4	1,041.39	1/4	693.59	1/4	350.33	1/4	
1/2		1/2	3,477.49	1/2	3,316.58	1/2	3,155.56	1/2	2,994.56	1/2	2,774.46	1/2	2,425.30	1/2	2,076.35	1/2	1,727.62	1/2	1,382.38	1/2	1,034.16	1/2	686.33	1/2	343.05	1/2	
3/4		3/4	3,474.15	3/4	3,313.22	3/4	3,152.21	3/4	2,991.20	3/4	2,767.17	3/4	2,418.03	3/4	2,069.08	3/4	1,720.36	3/4	1,375.11	3/4	1,026.92	3/4	679.06	3/4	335.77	3/4	
1		1	3,470.81	1	3,309.87	1	3,148.86	1	2,987.85	1	2,759.88	1	2,410.76	1	2,061.81	1	1,713.10	1	1,367.84	1	1,019.69	1	671.79	1	328.49	1	
1/4		1/4	3,467.46	1/4	3,306.51	1/4	3,145.50	1/4	2,984.49	1/4	2,752.59	1/4	2,403.49	1/4	2,054.54	1/4	1,705.84	1/4	1,360.57	1/4	1,012.46	1/4	664.52	1/4	321.21	1/4	
1/2		1/2	3,464.12	1/2	3,303.16	1/2	3,142.15	1/2	2,981.14	1/2	2,745.30	1/2	2,396.22	1/2	2,047.27	1/2	1,698.58	1/2	1,353.30	1/2	1,005.23	1/2	657.25	1/2	313.93	1/2	
3/4		3/4	3,460.78	3/4	3,299.80	3/4	3,138.79	3/4	2,977.79	3/4	2,738.02	3/4	2,388.95	3/4	2,040.00	3/4	1,691.33	3/4	1,346.03	3/4	998.00	3/4	649.99	3/4	306.65	3/4	
2		2	3,457.43	2	3,296.45	2	3,135.44	2	2,974.43	2	2,730.74	2	2,381.68	2	2,032.73	2	1,684.09	2	1,338.76	2	990.77	2	642.73	2	299.37	2	
1/4		1/4	3,454.08	1/4	3,293.09	1/4	3,132.08	1/4	2,971.08	1/4	2,723.46	1/4	2,374.41	1/4	2,025.46	1/4	1,676.85	1/4	1,331.49	1/4	983.54	1/4	635.47	1/4	292.09	1/4	
1/2		1/2	3,450.74	1/2	3,289.74	1/2	3,128.73	1/2	2,967.72	1/2	2,716.18	1/2	2,367.14	1/2	2,018.19	1/2	1,669.60	1/2	1,324.22	1/2	976.30	1/2	628.20	1/2	284.81	1/2	
3/4		3/4	3,447.38	3/4	3,286.39	3/4	3,125.38	3/4	2,964.37	3/4	2,708.89	3/4	2,359.87	3/4	2,010.92	3/4	1,662.36	3/4	1,316.95	3/4	969.07	3/4	620.99	3/4	277.53	3/4	
3		3	3,444.03	3	3,283.03	3	3,122.02	3	2,961.01	3	2,701.61	3	2,352.60	3	2,003.65	3	1,655.12	3	1,309.68	3	961.84	3	613.79	3	270.25	3	
1/4		1/4	3,440.68	1/4	3,279.68	1/4	3,118.67	1/4	2,957.66	1/4	2,694.33	1/4	2,345.34	1/4	1,996.38	1/4	1,647.87	1/4	1,302.41	1/4	954.61	1/4	606.58	1/4	262.97	1/4	
1/2		1/2	3,437.33	1/2	3,276.32	1/2	3,115.31	1/2	2,954.31	1/2	2,687.05	1/2	2,338.07	1/2	1,989.11	1/2	1,640.63	1/2	1,295.14	1/2	947.38	1/2	599.37	1/2	255.69	1/2	
3/4		3/4	3,433.98	3/4	3,272.97	3/4	3,111.96	3/4	2,950.95	3/4	2,679.77	3/4	2,330.80	3/4	1,981.85	3/4	1,633.38	3/4	1,287.87	3/4	940.15	3/4	592.33	3/4	248.43	3/4	
4		4	3,430.62	4	3,269.61	4	3,108.60	4	2,947.60	4	2,672.49	4	2,323.53	4	1,974.58	4	1,626.13	4	1,280.60	4	932.92	4	585.29	4	241.18	4	
1/4		1/4	3,427.27	1/4	3,266.26	1/4	3,105.25	1/4	2,944.24	1/4	2,665.21	1/4	2,316.26	1/4	1,967.31	1/4	1,618.88	1/4	1,273.32	1/4	925.69	1/4	578.25	1/4	233.92	1/4	
1/2		1/2	3,423.92	1/2	3,262.91	1/2	3,101.90	1/2	2,940.89	1/2	2,657.93	1/2	2,308.99	1/2	1,960.04	1/2	1,611.63	1/2	1,266.05	1/2	918.46	1/2	571.21	1/2	226.66	1/2	
3/4		3/4	3,420.56	3/4	3,259.55	3/4	3,098.54	3/4	2,937.53	3/4	2,650.66	3/4	2,301.72	3/4	1,952.77	3/4	1,604.40	3/4	1,258.78	3/4	911.23	3/4	564.17	3/4	219.47	3/4	
5		5	3,417.21	5	3,256.20	5	3,095.19	5	2,934.18	5	2,643.39	5	2,294.45	5	1,945.50	5	1,597.17	5	1,251.51	5	904.00	5	557.13	5	212.28	5	
1/4		1/4	3,413.85	1/4	3,252.84	1/4	3,091.83	1/4	2,930.83	1/4	2,636.12	1/4	2,287.18	1/4	1,938.23	1/4	1,589.94	1/4	1,244.24	1/4	896.77	1/4	550.09	1/4	205.09	1/4	
1/2		1/2	3,410.50	1/2	3,249.49	1/2	3,088.48	1/2	2,927.47	1/2	2,628.85	1/2	2,279.91	1/2	1,930.96	1/2	1,582.70	1/2	1,236.96	1/2	889.54	1/2	543.05	1/2	197.90	1/2	
3/4		3/4	3,407.14	3/4	3,246.13	3/4	3,085.12	3/4	2,924.12	3/4	2,621.59	3/4	2,272.64	3/4	1,923.69	3/4	1,575.58	3/4	1,229.69	3/4	882.31	3/4	536.02	3/4	190.69	3/4	
6	3,543.67	6	3,403.79	6	3,242.78	6	3,081.77	6	2,920.76	6	2,614.32	6	2,265.37	6	1,916.42	6	1,568.45	6	1,222.42	6	875.08	6	528.99	6	183.48	6	
1/4	3,542.69	1/4	3,400.44	1/4	3,239.42	1/4	3,078.42	1/4	2,917.41	1/4	2,607.05	1/4	2,258.10	1/4	1,909.15	1/4	1,561.32	1/4	1,215.15	1/4	867.85	1/4	521.96	1/4	176.27	1/4	
1/2	3,541.71	1/2	3,397.08	1/2	3,236.07	1/2	3,075.06	1/2	2,914.05	1/2	2,599.78	1/2	2,250.83	1/2	1,901.88	1/2	1,554.19	1/2	1,207.88	1/2	860.62	1/2	514.92	1/2	169.06	1/2	
3/4	3,540.18	3/4	3,393.73	3/4	3,232.72	3/4	3,071.71	3/4	2,910.54	3/4	2,592.51	3/4	2,243.56	3/4	1,894.61	3/4	1,547.07	3/4	1,200.62	3/4	853.38	3/4	507.89	3/4	161.79	3/4	
7	3,538.64	7	3,390.37	7	3,229.36	7	3,068.35	7	2,907.02	7	2,585.24	7	2,236.29	7	1,887.34	7	1,539.94	7	1,193.35	7	846.14	7	500.86	7	154.52	7	
1/4	3,537.11	1/4	3,387.02	1/4	3,226.01	1/4	3,065.00	1/4	2,903.50	1/4	2,577.97	1/4	2,229.02	1/4	1,880.07	1/4	1,532.81	1/4	1,186.09	1/4	838.91	1/4	493.83	1/4	147.25	1/4	
1/2	3,535.57	1/2	3,383.66	1/2	3,222.65	1/2	3,061.64	1/2	2,899.98	1/2	2,570.70	1/2	2,221.75	1/2	1,872.80	1/2	1,525.68	1/2	1,178.83	1/2	831.67	1/2	486.80	1/2	139.98	1/2	
3/4	3,533.47	3/4	3,380.31	3/4	3,219.30	3/4	3,058.29	3/4	2,895.64	3/4	2,563.43	3/4	2,214.48	3/4	1,865.53	3/4	1,518.56	3/4	1,171.60	3/4	824.40	3/4	479.77	3/4	132.71	3/4	
8	3,531.38	8	3,376.96	8	3,215.94	8	3,054.94	8	2,891.30	8	2,556.16	8	2,207.21	8	1,858.27	8	1,511.43	8	1,164.36	8	817.14	8	472.74	8	125.44	8	
1/4	3,529.28	1/4	3,373.60	1/4	3,212.59	1/4	3,051.58	1/4	2,886.96	1/4	2,548.89	1/4	2,199.94	1/4	1,851.00	1/4	1,504.30	1/4	1,157.13	1/4	809.87	1/4	465.70	1/4	118.17	1/4	
1/2	3,527.19	1/2	3,370.25	1/2	3,209.23	1/2	3,048.23	1/2	2,882.62	1/2	2,541.62	1/2	2,192.67	1/2	1,843.73	1/2	1,497.17	1/2	1,149.89	1/2	802.60	1/2	458.67	1/2	110.90	1/2	
3/4	3,524.53	3/4	3,366.89	3/4	3,205.88	3/4	3,044.87	3/4	2,876.97	3/4	2,534.35	3/4	2,185.40	3/4	1,836.48	3/4	1,490.04	3/4	1,142.66	3/4	795.34	3/4	451.58	3/4	103.70	3/4	
9	3,521.88	9	3,363.54	9	3,202.53	9	3,041.52	9	2,871.32	9	2,527.08	9	2,178.13	9	1,829.22	9	1,482.92	9	1,135.43	9	788.07	9	444.49	9	96.49	9	
1/4	3,519.23	1/4	3,360.18	1/4	3,199.17	1/4	3,038.16	1/4	2,865.67	1/4	2,519.81	1/4	2,170.86	1/4	1,821.97	1/4	1,475.79	1/4	1,128.19	1/4	780.81	1/4	437.40	1/4	89.29	1/4	
1/2	3,516.57	1/2	3,356.83	1/2	3,195.82	1/2	3,034.81	1/2	2,860.02	1/2	2,512.54	1/2	2,163.59	1/2	1,814.72	1/2	1,468.66	1/2	1,120.96	1/2	773.54	1/2	430.31	1/2	82.08	1/2	
3/4	3,513.44	3/4	3,353.47	3/4	3,192.46	3/4	3,031.46	3/4	2,853.21	3/4	2,505.27	3/4	2,156.32	3/4	1,807.46	3/4	1,461.53	3/4	1,113.73	3/4	766.27	3/4	423.04	3/4	75.07	3/4	
10	3,510.31	10	3,350.12	10	3,189.11	10	3,028.10	10	2,846.41	10	2,498.00	10	2,149.05	10	1,800.21	10	1,454.40	10	1,106.49	10	759.01	10	415.77	10	68.05	10	
1/4	3,507.18	1/4	3,346.77	1/4	3,185.75	1/4	3,024.75	1/4	2,839.61	1/4	2,490.73	1/4	2,141.78	1/4	1,792.96	1/4	1,447.27	1/4	1,099.26	1/4	751.74	1/4	408.50	1/4	61.03	1/4	
1/2	3,504.05	1/2	3,343.41	1/2	3,182.40	1/2	3,021.39	1/2	2,832.81	1/2	2,483.46	1/2	2,134.51	1/2	1,785.71	1/2	1,440.14	1/2	1,092.03	1/2	744.47	1/2	401.23	1/2	54.02	1/2	
3/4	3,500.74	3/4	3,340.06	3/4	3,179.05	3/4	3,018.04	3/4	2,825.52	3/4	2,476.19	3/4	2,127.24	3/4	1,778.45	3/4	1,432.97	3/4	1,084.79	3/4	737.21	3/4	393.96	3/4	47.16	3/4	
11	3,497.43	11	3,336.70	11	3,175.69	11	3,014.68	11	2,818.22	11	2,468.92	11	2,119.97	11	1,771.20	11	1,425.80	11	1,077.56	11	729.94	11	386.68	11	40.30	11	
1/4	3,494.12	1/4	3,333.35	1/4	3,172.34	1/4	3,011.33	1/4	2,810.93	1/4	2,461.65	1/4	2,112.70	1/4	1,763.94	1/4	1,418.64	1/4	1,070.32	1/4	722.67	1/4	379.41	1/4	33.44	1/4	
1/2	3,490.81	1/2	3,329.99	1/2	3,168.98	1/2	3,007.97	1/2	2,803.64	1/2	2,454.38	1/2	2,105.43	1/2	1,756.69	1/2	1,411.47	1/2	1,063.09	1/2	715.40	1/2	372.14	1/2	26.58	1/2	
3/4	3,487.48	3/4	3,326.64	3/4	3,165.63	3/4	3,004.62	3/4	2,796.34	3/4	2,447.11	3/4	2,098.16	3/4	1,749.42	3/4	1,404.20	3/4	1,055.86	3/4	708.13	3/4	364.87	3/4		3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

FORMERLY: CHEM 8003

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: 13'-11 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.
0		0	3,485.82	0	3,325.07	0	3,164.13	0	3,003.20	0	2,795.02	0	2,445.95	0	2,097.16	0	1,748.57	0	1,403.48	0	1,055.32	0	707.76	0	364.66	0	
1/4		1/4	3,482.50	1/4	3,321.71	1/4	3,160.78	1/4	2,999.85	1/4	2,787.73	1/4	2,438.68	1/4	2,089.89	1/4	1,741.31	1/4	1,396.22	1/4	1,048.09	1/4	700.49	1/4	357.39	1/4	
1/2		1/2	3,479.17	1/2	3,318.36	1/2	3,157.43	1/2	2,996.49	1/2	2,780.44	1/2	2,431.41	1/2	2,082.63	1/2	1,734.04	1/2	1,388.95	1/2	1,040.86	1/2	693.23	1/2	350.12	1/2	
3/4		3/4	3,475.84	3/4	3,315.01	3/4	3,154.07	3/4	2,993.14	3/4	2,773.15	3/4	2,424.15	3/4	2,075.36	3/4	1,726.78	3/4	1,381.68	3/4	1,033.63	3/4	685.96	3/4	342.85	3/4	
1		1	3,472.50	1	3,311.66	1	3,150.72	1	2,989.79	1	2,765.86	1	2,416.88	1	2,068.09	1	1,719.52	1	1,374.41	1	1,026.40	1	678.70	1	335.57	1	
1/4		1/4	3,469.16	1/4	3,308.30	1/4	3,147.37	1/4	2,986.43	1/4	2,758.57	1/4	2,409.61	1/4	2,060.83	1/4	1,712.26	1/4	1,367.15	1/4	1,019.17	1/4	671.43	1/4	328.30	1/4	
1/2		1/2	3,465.82	1/2	3,304.95	1/2	3,144.02	1/2	2,983.08	1/2	2,751.29	1/2	2,402.35	1/2	2,053.56	1/2	1,705.00	1/2	1,359.88	1/2	1,011.94	1/2	664.17	1/2	321.02	1/2	
3/4		3/4	3,462.48	3/4	3,301.60	3/4	3,140.66	3/4	2,979.73	3/4	2,744.00	3/4	2,395.08	3/4	2,046.29	3/4	1,697.74	3/4	1,352.61	3/4	1,004.71	3/4	656.90	3/4	313.74	3/4	
2		2	3,459.14	2	3,298.24	2	3,137.31	2	2,976.38	2	2,736.72	2	2,387.82	2	2,039.03	2	1,690.50	2	1,345.35	2	997.49	2	649.64	2	306.47	2	
1/4		1/4	3,455.79	1/4	3,294.89	1/4	3,133.96	1/4	2,973.02	1/4	2,729.44	1/4	2,380.55	1/4	2,031.76	1/4	1,683.26	1/4	1,338.08	1/4	990.26	1/4	642.38	1/4	299.19	1/4	
1/2		1/2	3,452.45	1/2	3,291.54	1/2	3,130.60	1/2	2,969.67	1/2	2,722.17	1/2	2,373.28	1/2	2,024.50	1/2	1,676.02	1/2	1,330.82	1/2	983.03	1/2	635.12	1/2	291.91	1/2	
3/4		3/4	3,449.10	3/4	3,288.19	3/4	3,127.25	3/4	2,966.32	3/4	2,714.89	3/4	2,366.02	3/4	2,017.23	3/4	1,668.78	3/4	1,323.55	3/4	975.80	3/4	627.86	3/4	284.64	3/4	
3		3	3,445.75	3	3,284.83	3	3,123.90	3	2,962.96	3	2,707.61	3	2,358.75	3	2,009.96	3	1,661.54	3	1,316.28	3	968.58	3	620.66	3	277.36	3	
1/4		1/4	3,442.40	1/4	3,281.48	1/4	3,120.55	1/4	2,959.61	1/4	2,700.33	1/4	2,351.48	1/4	2,002.70	1/4	1,654.30	1/4	1,309.02	1/4	961.35	1/4	613.46	1/4	270.08	1/4	
1/2		1/2	3,439.05	1/2	3,278.13	1/2	3,117.19	1/2	2,956.26	1/2	2,693.05	1/2	2,344.22	1/2	1,995.43	1/2	1,647.06	1/2	1,301.75	1/2	954.12	1/2	606.25	1/2	262.81	1/2	
3/4		3/4	3,435.70	3/4	3,274.77	3/4	3,113.84	3/4	2,952.91	3/4	2,685.77	3/4	2,336.95	3/4	1,988.16	3/4	1,639.81	3/4	1,294.48	3/4	946.90	3/4	599.05	3/4	255.53	3/4	
4		4	3,432.35	4	3,271.42	4	3,110.49	4	2,949.55	4	2,678.50	4	2,329.68	4	1,980.90	4	1,632.57	4	1,287.22	4	939.67	4	592.01	4	248.27	4	
1/4		1/4	3,429.00	1/4	3,268.07	1/4	3,107.13	1/4	2,946.20	1/4	2,671.22	1/4	2,322.42	1/4	1,973.63	1/4	1,625.32	1/4	1,279.95	1/4	932.44	1/4	584.97	1/4	241.02	1/4	
1/2		1/2	3,425.65	1/2	3,264.72	1/2	3,103.78	1/2	2,942.85	1/2	2,663.95	1/2	2,315.15	1/2	1,966.36	1/2	1,618.07	1/2	1,272.68	1/2	925.22	1/2	577.93	1/2	233.77	1/2	
3/4		3/4	3,422.30	3/4	3,261.36	3/4	3,100.43	3/4	2,939.49	3/4	2,656.67	3/4	2,307.88	3/4	1,959.10	3/4	1,610.83	3/4	1,265.41	3/4	917.99	3/4	570.90	3/4	226.51	3/4	
5		5	3,418.95	5	3,258.01	5	3,097.08	5	2,936.14	5	2,649.41	5	2,300.62	5	1,951.83	5	1,603.60	5	1,258.15	5	910.76	5	563.86	5	219.32	5	
1/4		1/4	3,415.59	1/4	3,254.66	1/4	3,093.72	1/4	2,932.79	1/4	2,642.14	1/4	2,293.35	1/4	1,944.56	1/4	1,596.37	1/4	1,250.88	1/4	903.54	1/4	556.82	1/4	212.14	1/4	
1/2		1/2	3,412.24	1/2	3,251.31	1/2	3,090.37	1/2	2,929.44	1/2	2,634.87	1/2	2,286.09	1/2	1,937.30	1/2	1,589.14	1/2	1,243.61	1/2	896.31	1/2	549.79	1/2	204.95	1/2	
3/4		3/4	3,408.89	3/4	3,247.95	3/4	3,087.02	3/4	2,926.08	3/4	2,627.61	3/4	2,278.82	3/4	1,930.03	3/4	1,581.91	3/4	1,236.34	3/4	889.08	3/4	542.75	3/4	197.76	3/4	
1/8	3,542.48	6	3,405.53	6	3,244.60	6	3,083.67	6	2,922.73	6	2,620.34	6	2,271.55	6	1,922.77	6	1,574.78	6	1,229.07	6	881.86	6	535.73	6	190.56	6	
1/4	3,541.99	1/4	3,402.18	1/4	3,241.25	1/4	3,080.31	1/4	2,919.38	1/4	2,613.07	1/4	2,264.29	1/4	1,915.50	1/4	1,567.66	1/4	1,221.81	1/4	874.63	1/4	528.70	1/4	183.35	1/4	
1/2	3,541.01	1/2	3,398.83	1/2	3,237.89	1/2	3,076.96	1/2	2,916.03	1/2	2,605.81	1/2	2,257.02	1/2	1,908.23	1/2	1,560.53	1/2	1,214.54	1/2	867.40	1/2	521.67	1/2	176.14	1/2	
3/4	3,540.04	3/4	3,395.48	3/4	3,234.54	3/4	3,073.61	3/4	2,912.67	3/4	2,598.54	3/4	2,249.75	3/4	1,900.97	3/4	1,553.41	3/4	1,207.27	3/4	860.18	3/4	514.64	3/4	168.93	3/4	
7	3,538.50	7	3,392.12	7	3,231.19	7	3,070.25	7	2,909.16	7	2,591.27	7	2,242.49	7	1,893.70	7	1,546.28	7	1,200.01	7	852.94	7	507.61	7	161.67	7	
1/4	3,536.97	1/4	3,388.77	1/4	3,227.84	1/4	3,066.90	1/4	2,905.64	1/4	2,584.01	1/4	2,235.22	1/4	1,886.43	1/4	1,539.16	1/4	1,192.75	1/4	845.70	1/4	500.58	1/4	154.40	1/4	
1/2	3,535.43	1/2	3,385.42	1/2	3,224.48	1/2	3,063.55	1/2	2,902.12	1/2	2,576.74	1/2	2,227.95	1/2	1,879.17	1/2	1,532.03	1/2	1,185.49	1/2	838.47	1/2	493.56	1/2	147.14	1/2	
3/4	3,533.90	3/4	3,382.06	3/4	3,221.13	3/4	3,060.20	3/4	2,898.61	3/4	2,569.47	3/4	2,220.69	3/4	1,871.90	3/4	1,524.91	3/4	1,178.23	3/4	831.23	3/4	486.53	3/4	139.87	3/4	
8	3,531.80	8	3,378.71	8	3,217.78	8	3,056.84	8	2,894.27	8	2,562.21	8	2,213.42	8	1,864.64	8	1,517.78	8	1,171.00	8	823.97	8	479.50	8	132.60	8	
1/4	3,529.71	1/4	3,375.36	1/4	3,214.42	1/4	3,053.49	1/4	2,889.93	1/4	2,554.94	1/4	2,206.16	1/4	1,857.38	1/4	1,510.66	1/4	1,163.77	1/4	816.71	1/4	472.47	1/4	125.34	1/4	
1/2	3,527.61	1/2	3,372.01	1/2	3,211.07	1/2	3,050.14	1/2	2,885.59	1/2	2,547.67	1/2	2,198.89	1/2	1,850.11	1/2	1,503.53	1/2	1,156.54	1/2	809.45	1/2	465.44	1/2	118.07	1/2	
3/4	3,525.52	3/4	3,368.65	3/4	3,207.72	3/4	3,046.78	3/4	2,881.26	3/4	2,540.41	3/4	2,191.62	3/4	1,842.85	3/4	1,496.41	3/4	1,149.31	3/4	802.18	3/4	458.41	3/4	110.81	3/4	
9	3,522.87	9	3,365.30	9	3,204.37	9	3,043.43	9	2,875.61	9	2,533.14	9	2,184.36	9	1,835.60	9	1,489.28	9	1,142.08	9	794.92	9	451.33	9	103.61	9	
1/4	3,520.21	1/4	3,361.95	1/4	3,201.01	1/4	3,040.08	1/4	2,869.96	1/4	2,525.88	1/4	2,177.09	1/4	1,828.35	1/4	1,482.16	1/4	1,134.85	1/4	787.66	1/4	444.24	1/4	96.41	1/4	
1/2	3,517.56	1/2	3,358.59	1/2	3,197.66	1/2	3,036.73	1/2	2,864.31	1/2	2,518.61	1/2	2,169.82	1/2	1,821.10	1/2	1,475.03	1/2	1,127.62	1/2	780.40	1/2	437.15	1/2	89.20	1/2	
3/4	3,514.91	3/4	3,355.24	3/4	3,194.31	3/4	3,033.37	3/4	2,858.66	3/4	2,511.34	3/4	2,162.56	3/4	1,813.84	3/4	1,467.90	3/4	1,120.39	3/4	773.13	3/4	430.06	3/4	82.00	3/4	
10	3,511.78	10	3,351.89	10	3,190.95	10	3,030.02	10	2,851.86	10	2,504.08	10	2,155.29	10	1,806.59	10	1,460.78	10	1,113.16	10	765.87	10	422.80	10	74.99	10	
1/4	3,508.65	1/4	3,348.54	1/4	3,187.60	1/4	3,026.67	1/4	2,845.06	1/4	2,496.81	1/4	2,148.02	1/4	1,799.35	1/4	1,453.65	1/4	1,105.93	1/4	758.61	1/4	415.53	1/4	67.98	1/4	
1/2	3,505.52	1/2	3,345.18	1/2	3,184.25	1/2	3,023.31	1/2	2,838.27	1/2	2,489.54	1/2	2,140.76	1/2	1,792.10	1/2	1,446.52	1/2	1,098.70	1/2	751.35	1/2	408.26	1/2	60.96	1/2	
3/4	3,502.39	3/4	3,341.83	3/4	3,180.90	3/4	3,019.96	3/4	2,831.47	3/4	2,482.28	3/4	2,133.49	3/4	1,784.85	3/4	1,439.40	3/4	1,091.47	3/4	744.08	3/4	401.00	3/4	53.95	3/4	
11	3,499.08	11	3,338.48	11	3,177.54	11	3,016.61	11	2,824.18	11	2,475.01	11	2,126.22	11	1,777.59	11	1,432.24	11	1,084.24	11	736.82	11	393.73	11	47.09	11	
1/4	3,495.77	1/4	3,335.13	1/4	3,174.19	1/4	3,013.26	1/4	2,816.89	1/4	2,467.75	1/4	2,118.96	1/4	1,770.34	1/4	1,425.07	1/4	1,077.01	1/4	729.55	1/4	386.46	1/4	40.24	1/4	
1/2	3,492.46	1/2	3,331.77	1/2	3,170.84	1/2	3,009.90	1/2	2,809.60	1/2	2,460.48	1/2	2,111.69	1/2	1,763.09	1/2	1,417.91	1/2	1,069.78	1/2	722.29	1/2	379.19	1/2	33.38	1/2	
3/4	3,489.15	3/4	3,328.42	3/4	3,167.49	3/4	3,006.55	3/4	2,802.31	3/4	2,453.21	3/4	2,104.43	3/4	1,755.83	3/4	1,410.75	3/4	1,062.55	3/4	715.02	3/4	371.93	3/4	26.53	3/4	

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.

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: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

BARGE: HFL 417

JEFFBOAT 14-2903

FUEL TANK PORT

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8003

GAUGE HEIGHT: 3'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6	7,840	0	6,370	6	4,900	0	3,430	6	1,960	0	490	6		0		6	
1/8		1/8	7,810	1/8	6,340	1/8	4,870	1/8	3,400	1/8	1,929	1/8	459	1/8		1/8		1/8	
1/4		1/4	7,779	1/4	6,309	1/4	4,839	1/4	3,369	1/4	1,899	1/4	429	1/4		1/4		1/4	
3/8		3/8	7,749	3/8	6,278	3/8	4,808	3/8	3,338	3/8	1,868	3/8	398	3/8		3/8		3/8	
1/2		1/2	7,718	1/2	6,248	1/2	4,778	1/2	3,308	1/2	1,838	1/2	368	1/2		1/2		1/2	
5/8		5/8	7,687	5/8	6,217	5/8	4,747	5/8	3,277	5/8	1,807	5/8	337	5/8		5/8		5/8	
3/4		3/4	7,657	3/4	6,187	3/4	4,717	3/4	3,246	3/4	1,776	3/4	306	3/4		3/4		3/4	
7/8		7/8	7,626	7/8	6,156	7/8	4,686	7/8	3,216	7/8	1,746	7/8	276	7/8		7/8		7/8	
1		7	7,595	1	6,125	7	4,655	1	3,185	7	1,715	1	245	7		1		7	
1/8		1/8	7,565	1/8	6,095	1/8	4,625	1/8	3,155	1/8	1,684	1/8	214	1/8		1/8		1/8	
1/4		1/4	7,534	1/4	6,064	1/4	4,594	1/4	3,124	1/4	1,654	1/4	184	1/4		1/4		1/4	
3/8		3/8	7,504	3/8	6,033	3/8	4,563	3/8	3,093	3/8	1,623	3/8	153	3/8		3/8		3/8	
1/2		1/2	7,473	1/2	6,003	1/2	4,533	1/2	3,063	1/2	1,593	1/2	123	1/2		1/2		1/2	
5/8		5/8	7,442	5/8	5,972	5/8	4,502	5/8	3,032	5/8	1,562	5/8	92	5/8		5/8		5/8	
3/4		3/4	7,412	3/4	5,942	3/4	4,472	3/4	3,001	3/4	1,531	3/4	61	3/4		3/4		3/4	
7/8		7/8	7,381	7/8	5,911	7/8	4,441	7/8	2,971	7/8	1,501	7/8	31	7/8		7/8		7/8	
2		8	7,350	2	5,880	8	4,410	2	2,940	8	1,470	2	0	8		2		8	
1/8		1/8	7,320	1/8	5,850	1/8	4,380	1/8	2,910	1/8	1,439	1/8		1/8		1/8		1/8	
1/4		1/4	7,289	1/4	5,819	1/4	4,349	1/4	2,879	1/4	1,409	1/4		1/4		1/4		1/4	
3/8		3/8	7,259	3/8	5,788	3/8	4,318	3/8	2,848	3/8	1,378	3/8		3/8		3/8		3/8	
1/2		1/2	7,228	1/2	5,758	1/2	4,288	1/2	2,818	1/2	1,348	1/2		1/2		1/2		1/2	
5/8		5/8	7,197	5/8	5,727	5/8	4,257	5/8	2,787	5/8	1,317	5/8		5/8		5/8		5/8	
3/4		3/4	7,167	3/4	5,697	3/4	4,226	3/4	2,756	3/4	1,286	3/4		3/4		3/4		3/4	
7/8		7/8	7,136	7/8	5,666	7/8	4,196	7/8	2,726	7/8	1,256	7/8		7/8		7/8		7/8	
3		9	7,105	3	5,635	9	4,165	3	2,695	9	1,225	3		9		3		9	
1/8		1/8	7,075	1/8	5,605	1/8	4,135	1/8	2,665	1/8	1,194	1/8		1/8		1/8		1/8	
1/4		1/4	7,044	1/4	5,574	1/4	4,104	1/4	2,634	1/4	1,164	1/4		1/4		1/4		1/4	
3/8		3/8	7,014	3/8	5,543	3/8	4,073	3/8	2,603	3/8	1,133	3/8		3/8		3/8		3/8	
1/2		1/2	6,983	1/2	5,513	1/2	4,043	1/2	2,573	1/2	1,103	1/2		1/2		1/2		1/2	
5/8		5/8	6,952	5/8	5,482	5/8	4,012	5/8	2,542	5/8	1,072	5/8		5/8		5/8		5/8	
3/4		3/4	6,922	3/4	5,452	3/4	3,981	3/4	2,511	3/4	1,041	3/4		3/4		3/4		3/4	
7/8		7/8	6,891	7/8	5,421	7/8	3,951	7/8	2,481	7/8	1,011	7/8		7/8		7/8		7/8	
4		10	6,860	4	5,390	10	3,920	4	2,450	10	980	4		10		4		10	
1/8		1/8	6,830	1/8	5,360	1/8	3,890	1/8	2,420	1/8	949	1/8		1/8		1/8		1/8	
1/4		1/4	6,799	1/4	5,329	1/4	3,859	1/4	2,389	1/4	919	1/4		1/4		1/4		1/4	
3/8		3/8	6,769	3/8	5,298	3/8	3,828	3/8	2,358	3/8	888	3/8		3/8		3/8		3/8	
1/2		1/2	6,738	1/2	5,268	1/2	3,798	1/2	2,328	1/2	858	1/2		1/2		1/2		1/2	
5/8		5/8	6,707	5/8	5,237	5/8	3,767	5/8	2,297	5/8	827	5/8		5/8		5/8		5/8	
3/4		3/4	6,677	3/4	5,207	3/4	3,736	3/4	2,266	3/4	796	3/4		3/4		3/4		3/4	
7/8		7/8	6,646	7/8	5,176	7/8	3,706	7/8	2,236	7/8	766	7/8		7/8		7/8		7/8	
5	7,963	11	6,615	5	5,145	11	3,675	5	2,205	11	735	5		11		5		11	
1/8	7,948	1/8	6,585	1/8	5,115	1/8	3,645	1/8	2,175	1/8	704	1/8		1/8		1/8		1/8	
1/4	7,932	1/4	6,554	1/4	5,084	1/4	3,614	1/4	2,144	1/4	674	1/4		1/4		1/4		1/4	
3/8	7,917	3/8	6,524	3/8	5,053	3/8	3,583	3/8	2,113	3/8	643	3/8		3/8		3/8		3/8	
1/2	7,902	1/2	6,493	1/2	5,023	1/2	3,553	1/2	2,083	1/2	613	1/2		1/2		1/2		1/2	
5/8	7,886	5/8	6,462	5/8	4,992	5/8	3,522	5/8	2,052	5/8	582	5/8		5/8		5/8		5/8	
3/4	7,871	3/4	6,432	3/4	4,962	3/4	3,491	3/4	2,021	3/4	551	3/4		3/4		3/4		3/4	
7/8	7,856	7/8	6,401	7/8	4,931	7/8	3,461	7/8	1,991	7/8	521	7/8		7/8		7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF MANWAY OPPOSITE HINGE.

DATE STRAPPED: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

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BARGE: HFL 417

JEFFBOAT 14-2903

FUEL TANK STBD

ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8003

GAUGE HEIGHT: 3'-02"

IN	0 FT.	IN	0 FT.	IN	1 FT.	IN	1 FT.	IN	2 FT.	IN	2 FT.	IN	3 FT.	IN	3 FT.	IN	4 FT.	IN	4 FT.
0		6	7,840	0	6,370	6	4,900	0	3,430	6	1,960	0	490	6		0		6	
1/8		1/8	7,810	1/8	6,340	1/8	4,870	1/8	3,400	1/8	1,929	1/8	459	1/8		1/8		1/8	
1/4		1/4	7,779	1/4	6,309	1/4	4,839	1/4	3,369	1/4	1,899	1/4	429	1/4		1/4		1/4	
3/8		3/8	7,749	3/8	6,278	3/8	4,808	3/8	3,338	3/8	1,868	3/8	398	3/8		3/8		3/8	
1/2		1/2	7,718	1/2	6,248	1/2	4,778	1/2	3,308	1/2	1,838	1/2	368	1/2		1/2		1/2	
5/8		5/8	7,687	5/8	6,217	5/8	4,747	5/8	3,277	5/8	1,807	5/8	337	5/8		5/8		5/8	
3/4		3/4	7,657	3/4	6,187	3/4	4,717	3/4	3,246	3/4	1,776	3/4	306	3/4		3/4		3/4	
7/8		7/8	7,626	7/8	6,156	7/8	4,686	7/8	3,216	7/8	1,746	7/8	276	7/8		7/8		7/8	
1		7	7,595	1	6,125	7	4,655	1	3,185	7	1,715	1	245	7		1		7	
1/8		1/8	7,565	1/8	6,095	1/8	4,625	1/8	3,155	1/8	1,684	1/8	214	1/8		1/8		1/8	
1/4		1/4	7,534	1/4	6,064	1/4	4,594	1/4	3,124	1/4	1,654	1/4	184	1/4		1/4		1/4	
3/8		3/8	7,504	3/8	6,033	3/8	4,563	3/8	3,093	3/8	1,623	3/8	153	3/8		3/8		3/8	
1/2		1/2	7,473	1/2	6,003	1/2	4,533	1/2	3,063	1/2	1,593	1/2	123	1/2		1/2		1/2	
5/8		5/8	7,442	5/8	5,972	5/8	4,502	5/8	3,032	5/8	1,562	5/8	92	5/8		5/8		5/8	
3/4		3/4	7,412	3/4	5,942	3/4	4,472	3/4	3,001	3/4	1,531	3/4	61	3/4		3/4		3/4	
7/8		7/8	7,381	7/8	5,911	7/8	4,441	7/8	2,971	7/8	1,501	7/8	31	7/8		7/8		7/8	
2		8	7,350	2	5,880	8	4,410	2	2,940	8	1,470	2	0	8		2		8	
1/8		1/8	7,320	1/8	5,850	1/8	4,380	1/8	2,910	1/8	1,439	1/8		1/8		1/8		1/8	
1/4		1/4	7,289	1/4	5,819	1/4	4,349	1/4	2,879	1/4	1,409	1/4		1/4		1/4		1/4	
3/8		3/8	7,259	3/8	5,788	3/8	4,318	3/8	2,848	3/8	1,378	3/8		3/8		3/8		3/8	
1/2		1/2	7,228	1/2	5,758	1/2	4,288	1/2	2,818	1/2	1,348	1/2		1/2		1/2		1/2	
5/8		5/8	7,197	5/8	5,727	5/8	4,257	5/8	2,787	5/8	1,317	5/8		5/8		5/8		5/8	
3/4		3/4	7,167	3/4	5,697	3/4	4,226	3/4	2,756	3/4	1,286	3/4		3/4		3/4		3/4	
7/8		7/8	7,136	7/8	5,666	7/8	4,196	7/8	2,726	7/8	1,256	7/8		7/8		7/8		7/8	
3		9	7,105	3	5,635	9	4,165	3	2,695	9	1,225	3		9		3		9	
1/8		1/8	7,075	1/8	5,605	1/8	4,135	1/8	2,665	1/8	1,194	1/8		1/8		1/8		1/8	
1/4		1/4	7,044	1/4	5,574	1/4	4,104	1/4	2,634	1/4	1,164	1/4		1/4		1/4		1/4	
3/8		3/8	7,014	3/8	5,543	3/8	4,073	3/8	2,603	3/8	1,133	3/8		3/8		3/8		3/8	
1/2		1/2	6,983	1/2	5,513	1/2	4,043	1/2	2,573	1/2	1,103	1/2		1/2		1/2		1/2	
5/8		5/8	6,952	5/8	5,482	5/8	4,012	5/8	2,542	5/8	1,072	5/8		5/8		5/8		5/8	
3/4		3/4	6,922	3/4	5,452	3/4	3,981	3/4	2,511	3/4	1,041	3/4		3/4		3/4		3/4	
7/8		7/8	6,891	7/8	5,421	7/8	3,951	7/8	2,481	7/8	1,011	7/8		7/8		7/8		7/8	
4		10	6,860	4	5,390	10	3,920	4	2,450	10	980	4		10		4		10	
1/8		1/8	6,830	1/8	5,360	1/8	3,890	1/8	2,420	1/8	949	1/8		1/8		1/8		1/8	
1/4		1/4	6,799	1/4	5,329	1/4	3,859	1/4	2,389	1/4	919	1/4		1/4		1/4		1/4	
3/8		3/8	6,769	3/8	5,298	3/8	3,828	3/8	2,358	3/8	888	3/8		3/8		3/8		3/8	
1/2		1/2	6,738	1/2	5,268	1/2	3,798	1/2	2,328	1/2	858	1/2		1/2		1/2		1/2	
5/8		5/8	6,707	5/8	5,237	5/8	3,767	5/8	2,297	5/8	827	5/8		5/8		5/8		5/8	
3/4		3/4	6,677	3/4	5,207	3/4	3,736	3/4	2,266	3/4	796	3/4		3/4		3/4		3/4	
7/8		7/8	6,646	7/8	5,176	7/8	3,706	7/8	2,236	7/8	766	7/8		7/8		7/8		7/8	
5	7,963	11	6,615	5	5,145	11	3,675	5	2,205	11	735	5		11		5		11	
1/8	7,948	1/8	6,585	1/8	5,115	1/8	3,645	1/8	2,175	1/8	704	1/8		1/8		1/8		1/8	
1/4	7,932	1/4	6,554	1/4	5,084	1/4	3,614	1/4	2,144	1/4	674	1/4		1/4		1/4		1/4	
3/8	7,917	3/8	6,524	3/8	5,053	3/8	3,583	3/8	2,113	3/8	643	3/8		3/8		3/8		3/8	
1/2	7,902	1/2	6,493	1/2	5,023	1/2	3,553	1/2	2,083	1/2	613	1/2		1/2		1/2		1/2	
5/8	7,886	5/8	6,462	5/8	4,992	5/8	3,522	5/8	2,052	5/8	582	5/8		5/8		5/8		5/8	
3/4	7,871	3/4	6,432	3/4	4,962	3/4	3,491	3/4	2,021	3/4	551	3/4		3/4		3/4		3/4	
7/8	7,856	7/8	6,401	7/8	4,931	7/8	3,461	7/8	1,991	7/8	521	7/8		7/8		7/8		7/8	

NOTE: GAUGE POINT: TO TOP LIP OF MANWAY OPPOSITE HINGE.

DATE STRAPPED: 07/28/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

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