



BARGE: HFL 419
 INNAGE TRIM TABLE
FORMERLY: CHEM 8004

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

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-00"

August 14, 2015



BARGE: HFL 419

JEFFBOAT 14-2904

1 PORT

INNAGE TABLE

FORMERLY: CHEM 8004

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	8.00	0	279.78	0	599.19	0	928.14	0	1,257.21	0	1,586.37	0	1,915.53	0	2,244.69	0	2,573.85	0	2,903.01	0	3,232.17	0	3,561.33	0	3,890.47	0	
1/4	11.60	1/4	286.28	1/4	606.03	1/4	934.99	1/4	1,264.07	1/4	1,593.23	1/4	1,922.39	1/4	2,251.55	1/4	2,580.71	1/4	2,909.87	1/4	3,239.03	1/4	3,568.19	1/4	3,897.32	1/4	
1/2	15.21	1/2	292.78	1/2	612.87	1/2	941.85	1/2	1,270.93	1/2	1,600.09	1/2	1,929.25	1/2	2,258.41	1/2	2,587.57	1/2	2,916.73	1/2	3,245.89	1/2	3,575.05	1/2	3,904.16	1/2	
3/4	18.81	3/4	299.28	3/4	619.71	3/4	948.70	3/4	1,277.78	3/4	1,606.94	3/4	1,936.10	3/4	2,265.26	3/4	2,594.42	3/4	2,923.58	3/4	3,252.74	3/4	3,581.90	3/4	3,911.01	3/4	
1	22.41	1	305.78	1	626.54	1	955.55	1	1,284.64	1	1,613.80	1	1,942.96	1	2,272.12	1	2,601.28	1	2,930.44	1	3,259.60	1	3,588.76	1	3,917.85	1	
1/4	27.33	1/4	312.36	1/4	633.39	1/4	962.41	1/4	1,291.50	1/4	1,620.66	1/4	1,949.82	1/4	2,278.98	1/4	2,608.14	1/4	2,937.30	1/4	3,266.46	1/4	3,595.62	1/4	3,924.69	1/4	
1/2	32.24	1/2	318.94	1/2	640.24	1/2	969.26	1/2	1,298.36	1/2	1,627.52	1/2	1,956.68	1/2	2,285.84	1/2	2,615.00	1/2	2,944.16	1/2	3,273.32	1/2	3,602.48	1/2	3,931.52	1/2	
3/4	37.16	3/4	325.51	3/4	647.09	3/4	976.12	3/4	1,305.21	3/4	1,634.37	3/4	1,963.53	3/4	2,292.69	3/4	2,621.85	3/4	2,951.01	3/4	3,280.17	3/4	3,609.33	3/4	3,938.35	3/4	
2	42.07	2	332.09	2	653.94	2	982.97	2	1,312.07	2	1,641.23	2	1,970.39	2	2,299.55	2	2,628.71	2	2,957.87	2	3,287.03	2	3,616.19	2	3,945.18	2	
1/4	47.46	1/4	338.75	1/4	660.79	1/4	989.82	1/4	1,318.93	1/4	1,648.09	1/4	1,977.25	1/4	2,306.41	1/4	2,635.57	1/4	2,964.73	1/4	3,293.89	1/4	3,623.05	1/4	3,952.00	1/4	
1/2	52.85	1/2	345.40	1/2	667.65	1/2	996.68	1/2	1,325.79	1/2	1,654.95	1/2	1,984.11	1/2	2,313.27	1/2	2,642.43	1/2	2,971.59	1/2	3,300.75	1/2	3,629.91	1/2	3,958.81	1/2	
3/4	58.25	3/4	352.05	3/4	674.51	3/4	1,003.53	3/4	1,332.64	3/4	1,661.80	3/4	1,990.96	3/4	2,320.12	3/4	2,649.28	3/4	2,978.44	3/4	3,307.60	3/4	3,636.76	3/4	3,965.62	3/4	
3	63.64	3	358.71	3	681.37	3	1,010.39	3	1,339.50	3	1,668.66	3	1,997.82	3	2,326.98	3	2,656.14	3	2,985.30	3	3,314.46	3	3,643.62	3	3,972.44	3	
1/4	69.14	1/4	365.43	1/4	688.22	1/4	1,017.24	1/4	1,346.36	1/4	1,675.52	1/4	2,004.68	1/4	2,333.84	1/4	2,663.00	1/4	2,992.16	1/4	3,321.32	1/4	3,650.48	1/4	3,979.22	1/4	
1/2	74.65	1/2	372.16	1/2	695.08	1/2	1,024.10	1/2	1,353.22	1/2	1,682.38	1/2	2,011.54	1/2	2,340.70	1/2	2,669.86	1/2	2,999.02	1/2	3,328.18	1/2	3,657.34	1/2	3,986.00	1/2	
3/4	80.15	3/4	378.89	3/4	701.94	3/4	1,030.95	3/4	1,360.07	3/4	1,689.23	3/4	2,018.39	3/4	2,347.55	3/4	2,676.71	3/4	3,005.87	3/4	3,335.03	3/4	3,664.19	3/4	3,992.78	3/4	
4	85.65	4	385.62	4	708.79	4	1,037.81	4	1,366.93	4	1,696.09	4	2,025.25	4	2,354.41	4	2,683.57	4	3,012.73	4	3,341.89	4	3,671.05	4	3,999.56	4	
1/4	91.26	1/4	392.42	1/4	715.65	1/4	1,044.66	1/4	1,373.79	1/4	1,702.95	1/4	2,032.11	1/4	2,361.27	1/4	2,690.43	1/4	3,019.59	1/4	3,348.75	1/4	3,677.91	1/4	4,006.08	1/4	
1/2	96.86	1/2	399.22	1/2	722.51	1/2	1,051.52	1/2	1,380.65	1/2	1,709.81	1/2	2,038.97	1/2	2,368.13	1/2	2,697.29	1/2	3,026.45	1/2	3,355.61	1/2	3,684.77	1/2	4,012.60	1/2	
3/4	102.46	3/4	406.02	3/4	729.36	3/4	1,058.37	3/4	1,387.50	3/4	1,716.66	3/4	2,045.82	3/4	2,374.98	3/4	2,704.14	3/4	3,033.30	3/4	3,362.46	3/4	3,691.62	3/4	4,019.12	3/4	
5	108.07	5	412.83	5	736.22	5	1,065.23	5	1,394.36	5	1,723.52	5	2,052.68	5	2,381.84	5	2,711.00	5	3,040.16	5	3,369.32	5	3,698.48	5	4,025.64	5	
1/4	113.88	1/4	419.56	1/4	743.07	1/4	1,072.08	1/4	1,401.22	1/4	1,730.38	1/4	2,059.54	1/4	2,388.70	1/4	2,717.86	1/4	3,047.02	1/4	3,376.18	1/4	3,705.34	1/4	4,031.35	1/4	
1/2	119.68	1/2	426.29	1/2	749.93	1/2	1,078.94	1/2	1,408.08	1/2	1,737.24	1/2	2,066.40	1/2	2,395.56	1/2	2,724.72	1/2	3,053.88	1/2	3,383.04	1/2	3,712.20	1/2	4,037.62	1/2	
3/4	125.49	3/4	433.02	3/4	756.79	3/4	1,085.79	3/4	1,414.93	3/4	1,744.09	3/4	2,073.25	3/4	2,402.41	3/4	2,731.57	3/4	3,060.73	3/4	3,389.89	3/4	3,719.05	3/4	4,042.77	3/4	
6	131.30	6	439.74	6	763.64	6	1,092.65	6	1,421.79	6	1,750.95	6	2,080.11	6	2,409.27	6	2,738.43	6	3,067.59	6	3,396.75	6	3,725.91	6	4,048.48	6	
1/4	137.31	1/4	446.37	1/4	770.50	1/4	1,099.50	1/4	1,428.65	1/4	1,757.81	1/4	2,086.97	1/4	2,416.13	1/4	2,745.29	1/4	3,074.45	1/4	3,403.61	1/4	3,732.77	1/4	4,053.05	1/4	
1/2	143.32	1/2	452.99	1/2	777.35	1/2	1,106.36	1/2	1,435.51	1/2	1,764.67	1/2	2,093.83	1/2	2,422.99	1/2	2,752.15	1/2	3,081.31	1/2	3,410.47	1/2	3,739.63	1/2	4,057.62	1/2	
3/4	149.33	3/4	459.61	3/4	784.21	3/4	1,113.21	3/4	1,442.36	3/4	1,771.52	3/4	2,100.68	3/4	2,429.84	3/4	2,759.00	3/4	3,088.16	3/4	3,417.32	3/4	3,746.48	3/4	4,062.19	3/4	
7	155.34	7	466.23	7	791.06	7	1,120.07	7	1,449.22	7	1,778.38	7	2,107.54	7	2,436.70	7	2,765.86	7	3,095.02	7	3,424.18	7	3,753.34	7	4,066.77	7	
1/4	161.43	1/4	472.86	1/4	797.92	1/4	1,126.92	1/4	1,456.08	1/4	1,785.24	1/4	2,114.40	1/4	2,443.56	1/4	2,772.72	1/4	3,101.88	1/4	3,431.04	1/4	3,760.20	1/4	4,070.19	1/4	
1/2	167.52	1/2	479.48	1/2	804.77	1/2	1,133.78	1/2	1,462.94	1/2	1,792.10	1/2	2,121.26	1/2	2,450.42	1/2	2,779.58	1/2	3,108.74	1/2	3,437.90	1/2	3,767.06	1/2	4,073.62	1/2	
3/4	173.61	3/4	486.10	3/4	811.63	3/4	1,140.63	3/4	1,469.79	3/4	1,798.95	3/4	2,128.11	3/4	2,457.27	3/4	2,786.43	3/4	3,115.59	3/4	3,444.75	3/4	3,773.91	3/4		3/4	
8	179.70	8	492.72	8	818.48	8	1,147.49	8	1,476.65	8	1,805.81	8	2,134.97	8	2,464.13	8	2,793.29	8	3,122.45	8	3,451.61	8	3,780.77	8		8	
1/4	185.84	1/4	499.34	1/4	825.34	1/4	1,154.35	1/4	1,483.51	1/4	1,812.67	1/4	2,141.83	1/4	2,470.99	1/4	2,800.15	1/4	3,129.31	1/4	3,458.47	1/4	3,787.63	1/4		1/4	
1/2	191.97	1/2	505.97	1/2	832.19	1/2	1,161.21	1/2	1,490.37	1/2	1,819.53	1/2	2,148.69	1/2	2,477.85	1/2	2,807.01	1/2	3,136.17	1/2	3,465.33	1/2	3,794.49	1/2		1/2	
3/4	198.10	3/4	512.59	3/4	839.04	3/4	1,168.06	3/4	1,497.22	3/4	1,826.38	3/4	2,155.54	3/4	2,484.70	3/4	2,813.86	3/4	3,143.02	3/4	3,472.18	3/4	3,801.34	3/4		3/4	
9	204.23	9	519.21	9	845.90	9	1,174.92	9	1,504.08	9	1,833.24	9	2,162.40	9	2,491.56	9	2,820.72	9	3,149.88	9	3,479.04	9	3,808.20	9		9	
1/4	210.40	1/4	525.84	1/4	852.75	1/4	1,181.78	1/4	1,510.94	1/4	1,840.10	1/4	2,169.26	1/4	2,498.42	1/4	2,827.58	1/4	3,156.74	1/4	3,485.90	1/4	3,815.06	1/4		1/4	
1/2	216.57	1/2	532.46	1/2	859.61	1/2	1,188.64	1/2	1,517.80	1/2	1,846.96	1/2	2,176.12	1/2	2,505.28	1/2	2,834.44	1/2	3,163.60	1/2	3,492.76	1/2	3,821.92	1/2		1/2	
3/4	222.75	3/4	539.09	3/4	866.46	3/4	1,195.49	3/4	1,524.65	3/4	1,853.81	3/4	2,182.97	3/4	2,512.13	3/4	2,841.29	3/4	3,170.45	3/4	3,499.61	3/4	3,828.77	3/4		3/4	
10	228.92	10	545.72	10	873.31	10	1,202.35	10	1,531.51	10	1,860.67	10	2,189.83	10	2,518.99	10	2,848.15	10	3,177.31	10	3,506.47	10	3,835.63	10		10	
1/4	235.21	1/4	552.35	1/4	880.17	1/4	1,209.21	1/4	1,538.37	1/4	1,867.53	1/4	2,196.69	1/4	2,525.85	1/4	2,855.01	1/4	3,184.17	1/4	3,513.33	1/4	3,842.49	1/4		1/4	
1/2	241.51	1/2	558.98	1/2	887.02	1/2	1,216.07	1/2	1,545.23	1/2	1,874.39	1/2	2,203.55	1/2	2,532.71	1/2	2,861.87	1/2	3,191.03	1/2	3,520.19	1/2	3,849.34	1/2		1/2	
3/4																											



BARGE: HFL 419

JEFFBOAT 14-2904

1 STBD

INNAGE TABLE

FORMERLY: CHEM 8004

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'-02"

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	2.58	0	266.90	0	585.59	0	914.46	0	1,243.36	0	1,571.81	0	1,900.97	0	2,230.13	0	2,559.29	0	2,888.45	0	3,217.61	0	3,546.77	0	3,875.91	0	
1/4	5.29	1/4	273.36	1/4	592.43	1/4	921.30	1/4	1,250.22	1/4	1,578.67	1/4	1,907.83	1/4	2,236.99	1/4	2,566.15	1/4	2,895.31	1/4	3,224.47	1/4	3,553.62	1/4	3,882.77	1/4	
1/2	8.00	1/2	279.82	1/2	599.27	1/2	928.15	1/2	1,257.07	1/2	1,585.53	1/2	1,914.69	1/2	2,243.85	1/2	2,573.01	1/2	2,902.17	1/2	3,231.33	1/2	3,560.48	1/2	3,889.62	1/2	
3/4	10.71	3/4	286.28	3/4	606.11	3/4	935.00	3/4	1,263.93	3/4	1,592.38	3/4	1,921.54	3/4	2,250.70	3/4	2,579.86	3/4	2,909.02	3/4	3,238.18	3/4	3,567.34	3/4	3,896.47	3/4	
1	13.42	1	292.75	1	612.95	1	941.85	1	1,270.79	1	1,599.24	1	1,928.40	1	2,257.56	1	2,586.72	1	2,915.88	1	3,245.04	1	3,574.20	1	3,903.32	1	
1/4	17.92	1/4	299.28	1/4	619.79	1/4	948.70	1/4	1,277.65	1/4	1,606.10	1/4	1,935.26	1/4	2,264.42	1/4	2,593.58	1/4	2,922.74	1/4	3,251.90	1/4	3,581.05	1/4	3,910.16	1/4	
1/2	22.42	1/2	305.82	1/2	626.63	1/2	955.54	1/2	1,284.51	1/2	1,612.96	1/2	1,942.12	1/2	2,271.28	1/2	2,600.44	1/2	2,929.60	1/2	3,258.76	1/2	3,587.91	1/2	3,917.00	1/2	
3/4	26.92	3/4	312.36	3/4	633.47	3/4	962.39	3/4	1,291.37	3/4	1,619.81	3/4	1,948.97	3/4	2,278.13	3/4	2,607.29	3/4	2,936.45	3/4	3,265.61	3/4	3,594.77	3/4	3,923.84	3/4	
2	31.41	2	318.90	2	640.31	2	969.24	2	1,298.22	2	1,626.67	2	1,955.83	2	2,284.99	2	2,614.15	2	2,943.31	2	3,272.47	2	3,601.63	2	3,930.68	2	
1/4	36.75	1/4	325.52	1/4	647.17	1/4	976.09	1/4	1,305.08	1/4	1,633.53	1/4	1,962.69	1/4	2,291.85	1/4	2,621.01	1/4	2,950.17	1/4	3,279.33	1/4	3,608.48	1/4	3,937.50	1/4	
1/2	42.08	1/2	332.14	1/2	654.03	1/2	982.94	1/2	1,311.94	1/2	1,640.39	1/2	1,969.55	1/2	2,298.71	1/2	2,627.87	1/2	2,957.03	1/2	3,286.19	1/2	3,615.34	1/2	3,944.33	1/2	
3/4	47.41	3/4	338.76	3/4	660.89	3/4	989.79	3/4	1,318.80	3/4	1,647.24	3/4	1,976.40	3/4	2,305.56	3/4	2,634.72	3/4	2,963.88	3/4	3,293.04	3/4	3,622.20	3/4	3,951.15	3/4	
3	52.74	3	345.38	3	667.75	3	996.64	3	1,325.66	3	1,654.10	3	1,983.26	3	2,312.42	3	2,641.58	3	2,970.74	3	3,299.90	3	3,629.06	3	3,957.98	3	
1/4	58.20	1/4	352.07	1/4	674.60	1/4	1,003.49	1/4	1,332.52	1/4	1,660.96	1/4	1,990.12	1/4	2,319.28	1/4	2,648.44	1/4	2,977.60	1/4	3,306.76	1/4	3,635.91	1/4	3,964.78	1/4	
1/2	63.65	1/2	358.76	1/2	681.46	1/2	1,010.34	1/2	1,339.37	1/2	1,667.82	1/2	1,996.98	1/2	2,326.14	1/2	2,655.30	1/2	2,984.46	1/2	3,313.62	1/2	3,642.77	1/2	3,971.58	1/2	
3/4	69.10	3/4	365.45	3/4	688.32	3/4	1,017.18	3/4	1,346.23	3/4	1,674.67	3/4	2,003.83	3/4	2,332.99	3/4	2,662.15	3/4	2,991.31	3/4	3,320.47	3/4	3,649.63	3/4	3,978.38	3/4	
4	74.56	4	372.14	4	695.18	4	1,024.03	4	1,353.09	4	1,681.53	4	2,010.69	4	2,339.85	4	2,669.01	4	2,998.17	4	3,327.33	4	3,656.49	4	3,985.18	4	
1/4	80.11	1/4	378.91	1/4	702.04	1/4	1,030.88	1/4	1,359.92	1/4	1,688.39	1/4	2,017.55	1/4	2,346.71	1/4	2,675.87	1/4	3,005.03	1/4	3,334.19	1/4	3,663.34	1/4	3,991.94	1/4	
1/2	85.67	1/2	385.67	1/2	708.89	1/2	1,037.73	1/2	1,366.75	1/2	1,695.25	1/2	2,024.41	1/2	2,353.57	1/2	2,682.73	1/2	3,011.89	1/2	3,341.05	1/2	3,670.20	1/2	3,998.71	1/2	
3/4	91.23	3/4	392.44	3/4	715.75	3/4	1,044.58	3/4	1,373.57	3/4	1,702.10	3/4	2,031.26	3/4	2,360.42	3/4	2,689.58	3/4	3,018.74	3/4	3,347.90	3/4	3,677.06	3/4	4,005.47	3/4	
5	96.78	5	399.21	5	722.61	5	1,051.43	5	1,380.40	5	1,708.96	5	2,038.12	5	2,367.28	5	2,696.44	5	3,025.60	5	3,354.76	5	3,683.92	5	4,012.23	5	
1/4	102.43	1/4	406.05	1/4	729.46	1/4	1,058.28	1/4	1,387.23	1/4	1,715.82	1/4	2,044.98	1/4	2,374.14	1/4	2,703.30	1/4	3,032.46	1/4	3,361.62	1/4	3,690.77	1/4	4,018.51	1/4	
1/2	108.09	1/2	412.89	1/2	736.32	1/2	1,065.13	1/2	1,394.06	1/2	1,722.68	1/2	2,051.84	1/2	2,381.00	1/2	2,710.16	1/2	3,039.32	1/2	3,368.48	1/2	3,697.63	1/2	4,024.78	1/2	
3/4	113.74	3/4	419.73	3/4	743.18	3/4	1,071.98	3/4	1,400.88	3/4	1,729.53	3/4	2,058.69	3/4	2,387.85	3/4	2,717.01	3/4	3,046.17	3/4	3,375.33	3/4	3,704.49	3/4	4,031.06	3/4	
6	119.39	6	426.56	6	750.03	6	1,078.83	6	1,407.71	6	1,736.39	6	2,065.55	6	2,394.71	6	2,723.87	6	3,053.03	6	3,382.19	6	3,711.35	6	4,037.34	6	
1/4	125.36	1/4	433.19	1/4	756.89	1/4	1,085.68	1/4	1,414.54	1/4	1,743.25	1/4	2,072.41	1/4	2,401.57	1/4	2,730.73	1/4	3,059.89	1/4	3,389.05	1/4	3,718.20	1/4	4,042.48	1/4	
1/2	131.32	1/2	439.81	1/2	763.75	1/2	1,092.53	1/2	1,421.37	1/2	1,750.11	1/2	2,079.27	1/2	2,408.43	1/2	2,737.59	1/2	3,066.75	1/2	3,395.90	1/2	3,725.06	1/2	4,047.62	1/2	
3/4	137.29	3/4	446.43	3/4	770.60	3/4	1,099.38	3/4	1,428.19	3/4	1,756.96	3/4	2,086.12	3/4	2,415.28	3/4	2,744.44	3/4	3,073.60	3/4	3,402.76	3/4	3,731.92	3/4	4,052.77	3/4	
7	143.26	7	453.06	7	777.46	7	1,106.22	7	1,435.02	7	1,763.82	7	2,092.98	7	2,422.14	7	2,751.30	7	3,080.46	7	3,409.62	7	3,738.77	7	4,057.91	7	
1/4	149.31	1/4	459.68	1/4	784.32	1/4	1,113.07	1/4	1,441.85	1/4	1,770.68	1/4	2,099.84	1/4	2,429.00	1/4	2,758.16	1/4	3,087.32	1/4	3,416.48	1/4	3,745.63	1/4	4,061.91	1/4	
1/2	155.36	1/2	466.30	1/2	791.17	1/2	1,119.92	1/2	1,448.68	1/2	1,777.54	1/2	2,106.70	1/2	2,435.86	1/2	2,765.02	1/2	3,094.18	1/2	3,423.33	1/2	3,752.49	1/2	4,065.91	1/2	
3/4	161.42	3/4	472.92	3/4	798.03	3/4	1,126.77	3/4	1,455.50	3/4	1,784.39	3/4	2,113.55	3/4	2,442.71	3/4	2,771.87	3/4	3,101.03	3/4	3,430.19	3/4	3,759.35	3/4		3/4	
8	167.47	8	479.55	8	804.89	8	1,133.62	8	1,462.33	8	1,791.25	8	2,120.41	8	2,449.57	8	2,778.73	8	3,107.89	8	3,437.05	8	3,766.20	8		8	
1/4	173.60	1/4	486.17	1/4	811.74	1/4	1,140.48	1/4	1,469.16	1/4	1,798.11	1/4	2,127.27	1/4	2,456.43	1/4	2,785.59	1/4	3,114.75	1/4	3,443.91	1/4	3,773.06	1/4		1/4	
1/2	179.73	1/2	492.79	1/2	818.58	1/2	1,147.34	1/2	1,475.99	1/2	1,804.97	1/2	2,134.13	1/2	2,463.29	1/2	2,792.45	1/2	3,121.61	1/2	3,450.76	1/2	3,779.92	1/2		1/2	
3/4	185.87	3/4	499.42	3/4	825.43	3/4	1,154.20	3/4	1,482.81	3/4	1,811.82	3/4	2,140.98	3/4	2,470.14	3/4	2,799.30	3/4	3,128.46	3/4	3,457.62	3/4	3,786.78	3/4		3/4	
9	192.00	9	506.04	9	832.28	9	1,161.06	9	1,489.64	9	1,818.68	9	2,147.84	9	2,477.00	9	2,806.16	9	3,135.32	9	3,464.48	9	3,793.63	9		9	
1/4	198.13	1/4	512.66	1/4	839.13	1/4	1,167.91	1/4	1,496.47	1/4	1,825.54	1/4	2,154.70	1/4	2,483.86	1/4	2,813.02	1/4	3,142.18	1/4	3,471.34	1/4	3,800.49	1/4		1/4	
1/2	204.26	1/2	519.29	1/2	845.98	1/2	1,174.77	1/2	1,503.30	1/2	1,832.40	1/2	2,161.56	1/2	2,490.72	1/2	2,819.88	1/2	3,149.04	1/2	3,478.19	1/2	3,807.35	1/2		1/2	
3/4	210.40	3/4	525.91	3/4	852.82	3/4	1,181.63	3/4	1,510.12	3/4	1,839.25	3/4	2,168.41	3/4	2,497.57	3/4	2,826.73	3/4	3,155.89	3/4	3,485.05	3/4	3,814.21	3/4		3/4	
10	216.53	10	532.53	10	859.67	10	1,188.49	10	1,516.95	10	1,846.11	10	2,175.27	10	2,504.43	10	2,833.59	10	3,162.75	10	3,491.91	10	3,821.06	10		10	
1/4	222.74	1/4	539.16	1/4	866.52	1/4	1,195.35	1/4	1,523.81	1/4	1,852.97	1/4	2,182.13	1/4	2,511.29	1/4	2,840.45	1/4	3,169.61	1/4	3,498.77	1/4	3,827.92	1/4		1/4	
1/2	228.95	1/2	545.80	1/2	873.37	1/2	1,202.21	1/2	1,530.67	1/2	1,859.83	1/2	2,188.99	1/2	2,518.15	1/2	2,847.31	1/2	3,176.47	1/2	3,505.62	1/2	3,834.78	1/2		1/2	
3/4	235.17	3/4	552.43																								



BARGE: HFL 419
JEFFBOAT 14-2904

FUEL TANK PORT
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8004

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	1,472	0	2,945	6	4,417	0	5,890	6	7,362	0		6		0	6		
1/8	31	1/8	1,503	1/8	2,976	1/8	4,448	1/8	5,920	1/8	7,393	1/8		1/8		1/8	1/8		
1/4	61	1/4	1,534	1/4	3,006	1/4	4,479	1/4	5,951	1/4	7,424	1/4		1/4		1/4	1/4		
3/8	92	3/8	1,564	3/8	3,037	3/8	4,509	3/8	5,982	3/8	7,454	3/8		3/8		3/8	3/8		
1/2	123	1/2	1,595	1/2	3,068	1/2	4,540	1/2	6,013	1/2	7,485	1/2		1/2		1/2	1/2		
5/8	153	5/8	1,626	5/8	3,098	5/8	4,571	5/8	6,043	5/8	7,516	5/8		5/8		5/8	5/8		
3/4	184	3/4	1,657	3/4	3,129	3/4	4,601	3/4	6,074	3/4	7,546	3/4		3/4		3/4	3/4		
7/8	215	7/8	1,687	7/8	3,160	7/8	4,632	7/8	6,105	7/8	7,577	7/8		7/8		7/8	7/8		
1	245	7	1,718	1	3,190	7	4,663	1	6,135	7	7,608	1		7		1	7		
1/8	276	1/8	1,749	1/8	3,221	1/8	4,693	1/8	6,166	1/8	7,638	1/8		1/8		1/8	1/8		
1/4	307	1/4	1,779	1/4	3,252	1/4	4,724	1/4	6,197	1/4	7,669	1/4		1/4		1/4	1/4		
3/8	337	3/8	1,810	3/8	3,282	3/8	4,755	3/8	6,227	3/8	7,700	3/8		3/8		3/8	3/8		
1/2	368	1/2	1,841	1/2	3,313	1/2	4,785	1/2	6,258	1/2	7,730	1/2		1/2		1/2	1/2		
5/8	399	5/8	1,871	5/8	3,344	5/8	4,816	5/8	6,289	5/8	7,761	5/8		5/8		5/8	5/8		
3/4	429	3/4	1,902	3/4	3,374	3/4	4,847	3/4	6,319	3/4	7,792	3/4		3/4		3/4	3/4		
7/8	460	7/8	1,933	7/8	3,405	7/8	4,877	7/8	6,350	7/8	7,822	7/8		7/8		7/8	7/8		
2	491	8	1,963	2	3,436	8	4,908	2	6,381	8	7,853	2		8		2	8		
1/8	521	1/8	1,994	1/8	3,466	1/8	4,939	1/8	6,411	1/8	7,868	1/8		1/8		1/8	1/8		
1/4	552	1/4	2,025	1/4	3,497	1/4	4,970	1/4	6,442	1/4	7,884	1/4		1/4		1/4	1/4		
3/8	583	3/8	2,055	3/8	3,528	3/8	5,000	3/8	6,473	3/8	7,899	3/8		3/8		3/8	3/8		
1/2	614	1/2	2,086	1/2	3,558	1/2	5,031	1/2	6,503	1/2	7,914	1/2		1/2		1/2	1/2		
5/8	644	5/8	2,117	5/8	3,589	5/8	5,062	5/8	6,534	5/8	7,930	5/8		5/8		5/8	5/8		
3/4	675	3/4	2,147	3/4	3,620	3/4	5,092	3/4	6,565	3/4	7,945	3/4		3/4		3/4	3/4		
7/8	706	7/8	2,178	7/8	3,650	7/8	5,123	7/8	6,595	7/8	7,960	7/8		7/8		7/8	7/8		
3	736	9	2,209	3	3,681	9	5,154	3	6,626	9	7,976	3		9		3	9		
1/8	767	1/8	2,239	1/8	3,712	1/8	5,184	1/8	6,657	1/8		1/8		1/8		1/8	1/8		
1/4	798	1/4	2,270	1/4	3,742	1/4	5,215	1/4	6,687	1/4		1/4		1/4		1/4	1/4		
3/8	828	3/8	2,301	3/8	3,773	3/8	5,246	3/8	6,718	3/8		3/8		3/8		3/8	3/8		
1/2	859	1/2	2,331	1/2	3,804	1/2	5,276	1/2	6,749	1/2		1/2		1/2		1/2	1/2		
5/8	890	5/8	2,362	5/8	3,835	5/8	5,307	5/8	6,779	5/8		5/8		5/8		5/8	5/8		
3/4	920	3/4	2,393	3/4	3,865	3/4	5,338	3/4	6,810	3/4		3/4		3/4		3/4	3/4		
7/8	951	7/8	2,423	7/8	3,896	7/8	5,368	7/8	6,841	7/8		7/8		7/8		7/8	7/8		
4	982	10	2,454	4	3,927	10	5,399	4	6,871	10		4		10		4	10		
1/8	1,012	1/8	2,485	1/8	3,957	1/8	5,430	1/8	6,902	1/8		1/8		1/8		1/8	1/8		
1/4	1,043	1/4	2,515	1/4	3,988	1/4	5,460	1/4	6,933	1/4		1/4		1/4		1/4	1/4		
3/8	1,074	3/8	2,546	3/8	4,019	3/8	5,491	3/8	6,963	3/8		3/8		3/8		3/8	3/8		
1/2	1,104	1/2	2,577	1/2	4,049	1/2	5,522	1/2	6,994	1/2		1/2		1/2		1/2	1/2		
5/8	1,135	5/8	2,607	5/8	4,080	5/8	5,552	5/8	7,025	5/8		5/8		5/8		5/8	5/8		
3/4	1,166	3/4	2,638	3/4	4,111	3/4	5,583	3/4	7,056	3/4		3/4		3/4		3/4	3/4		
7/8	1,196	7/8	2,669	7/8	4,141	7/8	5,614	7/8	7,086	7/8		7/8		7/8		7/8	7/8		
5	1,227	11	2,699	5	4,172	11	5,644	5	7,117	11		5		11		5	11		
1/8	1,258	1/8	2,730	1/8	4,203	1/8	5,675	1/8	7,148	1/8		1/8		1/8		1/8	1/8		
1/4	1,288	1/4	2,761	1/4	4,233	1/4	5,706	1/4	7,178	1/4		1/4		1/4		1/4	1/4		
3/8	1,319	3/8	2,792	3/8	4,264	3/8	5,736	3/8	7,209	3/8		3/8		3/8		3/8	3/8		
1/2	1,350	1/2	2,822	1/2	4,295	1/2	5,767	1/2	7,240	1/2		1/2		1/2		1/2	1/2		
5/8	1,380	5/8	2,853	5/8	4,325	5/8	5,798	5/8	7,270	5/8		5/8		5/8		5/8	5/8		
3/4	1,411	3/4	2,884	3/4	4,356	3/4	5,828	3/4	7,301	3/4		3/4		3/4		3/4	3/4		
7/8	1,442	7/8	2,914	7/8	4,387	7/8	5,859	7/8	7,332	7/8		7/8		7/8		7/8	7/8		

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

DATE STRAPPED: 08/14/2015 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 419
JEFFBOAT 14-2904

FUEL TANK STBD
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8004

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	1,472	0	2,944	6	4,417	0	5,889	6	7,361	0		6		0	6		
1/8	31	1/8	1,503	1/8	2,975	1/8	4,447	1/8	5,919	1/8	7,392	1/8		1/8		1/8	1/8		
1/4	61	1/4	1,534	1/4	3,006	1/4	4,478	1/4	5,950	1/4	7,422	1/4		1/4		1/4	1/4		
3/8	92	3/8	1,564	3/8	3,036	3/8	4,509	3/8	5,981	3/8	7,453	3/8		3/8		3/8	3/8		
1/2	123	1/2	1,595	1/2	3,067	1/2	4,539	1/2	6,011	1/2	7,484	1/2		1/2		1/2	1/2		
5/8	153	5/8	1,626	5/8	3,098	5/8	4,570	5/8	6,042	5/8	7,514	5/8		5/8		5/8	5/8		
3/4	184	3/4	1,656	3/4	3,128	3/4	4,601	3/4	6,073	3/4	7,545	3/4		3/4		3/4	3/4		
7/8	215	7/8	1,687	7/8	3,159	7/8	4,631	7/8	6,104	7/8	7,576	7/8		7/8		7/8	7/8		
1	245	7	1,718	1	3,190	7	4,662	1	6,134	7	7,606	1		7		1	7		
1/8	276	1/8	1,748	1/8	3,220	1/8	4,693	1/8	6,165	1/8	7,637	1/8		1/8		1/8	1/8		
1/4	307	1/4	1,779	1/4	3,251	1/4	4,723	1/4	6,196	1/4	7,668	1/4		1/4		1/4	1/4		
3/8	337	3/8	1,810	3/8	3,282	3/8	4,754	3/8	6,226	3/8	7,698	3/8		3/8		3/8	3/8		
1/2	368	1/2	1,840	1/2	3,312	1/2	4,785	1/2	6,257	1/2	7,729	1/2		1/2		1/2	1/2		
5/8	399	5/8	1,871	5/8	3,343	5/8	4,815	5/8	6,288	5/8	7,760	5/8		5/8		5/8	5/8		
3/4	429	3/4	1,902	3/4	3,374	3/4	4,846	3/4	6,318	3/4	7,790	3/4		3/4		3/4	3/4		
7/8	460	7/8	1,932	7/8	3,404	7/8	4,877	7/8	6,349	7/8	7,821	7/8		7/8		7/8	7/8		
2	491	8	1,963	2	3,435	8	4,907	2	6,380	8	7,852	2		8		2	8		
1/8	521	1/8	1,994	1/8	3,466	1/8	4,938	1/8	6,410	1/8	7,867	1/8		1/8		1/8	1/8		
1/4	552	1/4	2,024	1/4	3,496	1/4	4,969	1/4	6,441	1/4	7,882	1/4		1/4		1/4	1/4		
3/8	583	3/8	2,055	3/8	3,527	3/8	4,999	3/8	6,472	3/8	7,898	3/8		3/8		3/8	3/8		
1/2	613	1/2	2,086	1/2	3,558	1/2	5,030	1/2	6,502	1/2	7,913	1/2		1/2		1/2	1/2		
5/8	644	5/8	2,116	5/8	3,588	5/8	5,061	5/8	6,533	5/8	7,928	5/8		5/8		5/8	5/8		
3/4	675	3/4	2,147	3/4	3,619	3/4	5,091	3/4	6,564	3/4	7,944	3/4		3/4		3/4	3/4		
7/8	705	7/8	2,178	7/8	3,650	7/8	5,122	7/8	6,594	7/8	7,959	7/8		7/8		7/8	7/8		
3	736	9	2,208	3	3,681	9	5,153	3	6,625	9	7,974	3		9		3	9		
1/8	767	1/8	2,239	1/8	3,711	1/8	5,183	1/8	6,656	1/8		1/8		1/8		1/8	1/8		
1/4	797	1/4	2,270	1/4	3,742	1/4	5,214	1/4	6,686	1/4		1/4		1/4		1/4	1/4		
3/8	828	3/8	2,300	3/8	3,773	3/8	5,245	3/8	6,717	3/8		3/8		3/8		3/8	3/8		
1/2	859	1/2	2,331	1/2	3,803	1/2	5,275	1/2	6,748	1/2		1/2		1/2		1/2	1/2		
5/8	889	5/8	2,362	5/8	3,834	5/8	5,306	5/8	6,778	5/8		5/8		5/8		5/8	5/8		
3/4	920	3/4	2,392	3/4	3,865	3/4	5,337	3/4	6,809	3/4		3/4		3/4		3/4	3/4		
7/8	951	7/8	2,423	7/8	3,895	7/8	5,367	7/8	6,840	7/8		7/8		7/8		7/8	7/8		
4	981	10	2,454	4	3,926	10	5,398	4	6,870	10		4		10		4	10		
1/8	1,012	1/8	2,484	1/8	3,957	1/8	5,429	1/8	6,901	1/8		1/8		1/8		1/8	1/8		
1/4	1,043	1/4	2,515	1/4	3,987	1/4	5,459	1/4	6,932	1/4		1/4		1/4		1/4	1/4		
3/8	1,073	3/8	2,546	3/8	4,018	3/8	5,490	3/8	6,962	3/8		3/8		3/8		3/8	3/8		
1/2	1,104	1/2	2,576	1/2	4,049	1/2	5,521	1/2	6,993	1/2		1/2		1/2		1/2	1/2		
5/8	1,135	5/8	2,607	5/8	4,079	5/8	5,551	5/8	7,024	5/8		5/8		5/8		5/8	5/8		
3/4	1,165	3/4	2,638	3/4	4,110	3/4	5,582	3/4	7,054	3/4		3/4		3/4		3/4	3/4		
7/8	1,196	7/8	2,668	7/8	4,141	7/8	5,613	7/8	7,085	7/8		7/8		7/8		7/8	7/8		
5	1,227	11	2,699	5	4,171	11	5,643	5	7,116	11		5		11		5	11		
1/8	1,258	1/8	2,730	1/8	4,202	1/8	5,674	1/8	7,146	1/8		1/8		1/8		1/8	1/8		
1/4	1,288	1/4	2,760	1/4	4,233	1/4	5,705	1/4	7,177	1/4		1/4		1/4		1/4	1/4		
3/8	1,319	3/8	2,791	3/8	4,263	3/8	5,735	3/8	7,208	3/8		3/8		3/8		3/8	3/8		
1/2	1,350	1/2	2,822	1/2	4,294	1/2	5,766	1/2	7,238	1/2		1/2		1/2		1/2	1/2		
5/8	1,380	5/8	2,852	5/8	4,325	5/8	5,797	5/8	7,269	5/8		5/8		5/8		5/8	5/8		
3/4	1,411	3/4	2,883	3/4	4,355	3/4	5,827	3/4	7,300	3/4		3/4		3/4		3/4	3/4		
7/8	1,442	7/8	2,914	7/8	4,386	7/8	5,858	7/8	7,330	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 419
 ULLAGE TRIM TABLE
 FORMERLY: CHEM 8004

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

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-00"

August 14, 2015



BARGE: HFL 419
JEFFBOAT 14-2904

1 PORT
ULLAGE TABLE

FORMERLY: CHEM 8004

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"

Table with 24 columns representing height in feet (0 to 14) and 24 rows representing diameter in inches (0, 1/4, 1/2, 3/4). Each cell contains a numerical capacity value in barrels.

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

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[Signature]



BARGE: HFL 419
JEFFBOAT 14-2904

FUEL TANK PORT
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8004

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	7,853	0	6,381	6	4,908	0	3,436	6	1,963	0	491	6		0	6		
1/8		1/8	7,822	1/8	6,350	1/8	4,877	1/8	3,405	1/8	1,933	1/8	460	1/8		1/8		1/8	
1/4		1/4	7,792	1/4	6,319	1/4	4,847	1/4	3,374	1/4	1,902	1/4	429	1/4		1/4		1/4	
3/8		3/8	7,761	3/8	6,289	3/8	4,816	3/8	3,344	3/8	1,871	3/8	399	3/8		3/8		3/8	
1/2		1/2	7,730	1/2	6,258	1/2	4,785	1/2	3,313	1/2	1,841	1/2	368	1/2		1/2		1/2	
5/8		5/8	7,700	5/8	6,227	5/8	4,755	5/8	3,282	5/8	1,810	5/8	337	5/8		5/8		5/8	
3/4		3/4	7,669	3/4	6,197	3/4	4,724	3/4	3,252	3/4	1,779	3/4	307	3/4		3/4		3/4	
7/8		7/8	7,638	7/8	6,166	7/8	4,693	7/8	3,221	7/8	1,749	7/8	276	7/8		7/8		7/8	
1		7	7,608	1	6,135	7	4,663	1	3,190	7	1,718	1	245	7		1		7	
1/8		1/8	7,577	1/8	6,105	1/8	4,632	1/8	3,160	1/8	1,687	1/8	215	1/8		1/8		1/8	
1/4		1/4	7,546	1/4	6,074	1/4	4,601	1/4	3,129	1/4	1,657	1/4	184	1/4		1/4		1/4	
3/8		3/8	7,516	3/8	6,043	3/8	4,571	3/8	3,098	3/8	1,626	3/8	153	3/8		3/8		3/8	
1/2		1/2	7,485	1/2	6,013	1/2	4,540	1/2	3,068	1/2	1,595	1/2	123	1/2		1/2		1/2	
5/8		5/8	7,454	5/8	5,982	5/8	4,509	5/8	3,037	5/8	1,564	5/8	92	5/8		5/8		5/8	
3/4		3/4	7,424	3/4	5,951	3/4	4,479	3/4	3,006	3/4	1,534	3/4	61	3/4		3/4		3/4	
7/8		7/8	7,393	7/8	5,920	7/8	4,448	7/8	2,976	7/8	1,503	7/8	31	7/8		7/8		7/8	
2		8	7,362	2	5,890	8	4,417	2	2,945	8	1,472	2	0	8		2		8	
1/8		1/8	7,332	1/8	5,859	1/8	4,387	1/8	2,914	1/8	1,442	1/8		1/8		1/8		1/8	
1/4		1/4	7,301	1/4	5,828	1/4	4,356	1/4	2,884	1/4	1,411	1/4		1/4		1/4		1/4	
3/8		3/8	7,270	3/8	5,798	3/8	4,325	3/8	2,853	3/8	1,380	3/8		3/8		3/8		3/8	
1/2		1/2	7,240	1/2	5,767	1/2	4,295	1/2	2,822	1/2	1,350	1/2		1/2		1/2		1/2	
5/8		5/8	7,209	5/8	5,736	5/8	4,264	5/8	2,792	5/8	1,319	5/8		5/8		5/8		5/8	
3/4		3/4	7,178	3/4	5,706	3/4	4,233	3/4	2,761	3/4	1,288	3/4		3/4		3/4		3/4	
7/8		7/8	7,148	7/8	5,675	7/8	4,203	7/8	2,730	7/8	1,258	7/8		7/8		7/8		7/8	
3		9	7,117	3	5,644	9	4,172	3	2,699	9	1,227	3		9		3		9	
1/8		1/8	7,086	1/8	5,614	1/8	4,141	1/8	2,669	1/8	1,196	1/8		1/8		1/8		1/8	
1/4		1/4	7,056	1/4	5,583	1/4	4,111	1/4	2,638	1/4	1,166	1/4		1/4		1/4		1/4	
3/8		3/8	7,025	3/8	5,552	3/8	4,080	3/8	2,607	3/8	1,135	3/8		3/8		3/8		3/8	
1/2		1/2	6,994	1/2	5,522	1/2	4,049	1/2	2,577	1/2	1,104	1/2		1/2		1/2		1/2	
5/8		5/8	6,963	5/8	5,491	5/8	4,019	5/8	2,546	5/8	1,074	5/8		5/8		5/8		5/8	
3/4		3/4	6,933	3/4	5,460	3/4	3,988	3/4	2,515	3/4	1,043	3/4		3/4		3/4		3/4	
7/8		7/8	6,902	7/8	5,430	7/8	3,957	7/8	2,485	7/8	1,012	7/8		7/8		7/8		7/8	
4		10	6,871	4	5,399	10	3,927	4	2,454	10	982	4		10		4		10	
1/8		1/8	6,841	1/8	5,368	1/8	3,896	1/8	2,423	1/8	951	1/8		1/8		1/8		1/8	
1/4		1/4	6,810	1/4	5,338	1/4	3,865	1/4	2,393	1/4	920	1/4		1/4		1/4		1/4	
3/8		3/8	6,779	3/8	5,307	3/8	3,835	3/8	2,362	3/8	890	3/8		3/8		3/8		3/8	
1/2		1/2	6,749	1/2	5,276	1/2	3,804	1/2	2,331	1/2	859	1/2		1/2		1/2		1/2	
5/8		5/8	6,718	5/8	5,246	5/8	3,773	5/8	2,301	5/8	828	5/8		5/8		5/8		5/8	
3/4		3/4	6,687	3/4	5,215	3/4	3,742	3/4	2,270	3/4	798	3/4		3/4		3/4		3/4	
7/8		7/8	6,657	7/8	5,184	7/8	3,712	7/8	2,239	7/8	767	7/8		7/8		7/8		7/8	
5	7,976	11	6,626	5	5,154	11	3,681	5	2,209	11	736	5		11		5		11	
1/8	7,960	1/8	6,595	1/8	5,123	1/8	3,650	1/8	2,178	1/8	706	1/8		1/8		1/8		1/8	
1/4	7,945	1/4	6,565	1/4	5,092	1/4	3,620	1/4	2,147	1/4	675	1/4		1/4		1/4		1/4	
3/8	7,930	3/8	6,534	3/8	5,062	3/8	3,589	3/8	2,117	3/8	644	3/8		3/8		3/8		3/8	
1/2	7,914	1/2	6,503	1/2	5,031	1/2	3,558	1/2	2,086	1/2	614	1/2		1/2		1/2		1/2	
5/8	7,899	5/8	6,473	5/8	5,000	5/8	3,528	5/8	2,055	5/8	583	5/8		5/8		5/8		5/8	
3/4	7,884	3/4	6,442	3/4	4,970	3/4	3,497	3/4	2,025	3/4	552	3/4		3/4		3/4		3/4	
7/8	7,868	7/8	6,411	7/8	4,939	7/8	3,466	7/8	1,994	7/8	521	7/8		7/8		7/8		7/8	

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

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BARGE: HFL 419
JEFFBOAT 14-2904

FUEL TANK STBD
ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: CHEM 8004

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	7,852	0	6,380	6	4,907	0	3,435	6	1,963	0	491	6		0	6		
1/8		1/8	7,821	1/8	6,349	1/8	4,877	1/8	3,404	1/8	1,932	1/8	460	1/8		1/8		1/8	
1/4		1/4	7,790	1/4	6,318	1/4	4,846	1/4	3,374	1/4	1,902	1/4	429	1/4		1/4		1/4	
3/8		3/8	7,760	3/8	6,288	3/8	4,815	3/8	3,343	3/8	1,871	3/8	399	3/8		3/8		3/8	
1/2		1/2	7,729	1/2	6,257	1/2	4,785	1/2	3,312	1/2	1,840	1/2	368	1/2		1/2		1/2	
5/8		5/8	7,698	5/8	6,226	5/8	4,754	5/8	3,282	5/8	1,810	5/8	337	5/8		5/8		5/8	
3/4		3/4	7,668	3/4	6,196	3/4	4,723	3/4	3,251	3/4	1,779	3/4	307	3/4		3/4		3/4	
7/8		7/8	7,637	7/8	6,165	7/8	4,693	7/8	3,220	7/8	1,748	7/8	276	7/8		7/8		7/8	
1		7	7,606	1	6,134	7	4,662	1	3,190	7	1,718	1	245	7		1		7	
1/8		1/8	7,576	1/8	6,104	1/8	4,631	1/8	3,159	1/8	1,687	1/8	215	1/8		1/8		1/8	
1/4		1/4	7,545	1/4	6,073	1/4	4,601	1/4	3,128	1/4	1,656	1/4	184	1/4		1/4		1/4	
3/8		3/8	7,514	3/8	6,042	3/8	4,570	3/8	3,098	3/8	1,626	3/8	153	3/8		3/8		3/8	
1/2		1/2	7,484	1/2	6,011	1/2	4,539	1/2	3,067	1/2	1,595	1/2	123	1/2		1/2		1/2	
5/8		5/8	7,453	5/8	5,981	5/8	4,509	5/8	3,036	5/8	1,564	5/8	92	5/8		5/8		5/8	
3/4		3/4	7,422	3/4	5,950	3/4	4,478	3/4	3,006	3/4	1,534	3/4	61	3/4		3/4		3/4	
7/8		7/8	7,392	7/8	5,919	7/8	4,447	7/8	2,975	7/8	1,503	7/8	31	7/8		7/8		7/8	
2		8	7,361	2	5,889	8	4,417	2	2,944	8	1,472	2	0	8		2		8	
1/8		1/8	7,330	1/8	5,858	1/8	4,386	1/8	2,914	1/8	1,442	1/8		1/8		1/8		1/8	
1/4		1/4	7,300	1/4	5,827	1/4	4,355	1/4	2,883	1/4	1,411	1/4		1/4		1/4		1/4	
3/8		3/8	7,269	3/8	5,797	3/8	4,325	3/8	2,852	3/8	1,380	3/8		3/8		3/8		3/8	
1/2		1/2	7,238	1/2	5,766	1/2	4,294	1/2	2,822	1/2	1,350	1/2		1/2		1/2		1/2	
5/8		5/8	7,208	5/8	5,735	5/8	4,263	5/8	2,791	5/8	1,319	5/8		5/8		5/8		5/8	
3/4		3/4	7,177	3/4	5,705	3/4	4,233	3/4	2,760	3/4	1,288	3/4		3/4		3/4		3/4	
7/8		7/8	7,146	7/8	5,674	7/8	4,202	7/8	2,730	7/8	1,258	7/8		7/8		7/8		7/8	
3		9	7,116	3	5,643	9	4,171	3	2,699	9	1,227	3		9		3		9	
1/8		1/8	7,085	1/8	5,613	1/8	4,141	1/8	2,668	1/8	1,196	1/8		1/8		1/8		1/8	
1/4		1/4	7,054	1/4	5,582	1/4	4,110	1/4	2,638	1/4	1,165	1/4		1/4		1/4		1/4	
3/8		3/8	7,024	3/8	5,551	3/8	4,079	3/8	2,607	3/8	1,135	3/8		3/8		3/8		3/8	
1/2		1/2	6,993	1/2	5,521	1/2	4,049	1/2	2,576	1/2	1,104	1/2		1/2		1/2		1/2	
5/8		5/8	6,962	5/8	5,490	5/8	4,018	5/8	2,546	5/8	1,073	5/8		5/8		5/8		5/8	
3/4		3/4	6,932	3/4	5,459	3/4	3,987	3/4	2,515	3/4	1,043	3/4		3/4		3/4		3/4	
7/8		7/8	6,901	7/8	5,429	7/8	3,957	7/8	2,484	7/8	1,012	7/8		7/8		7/8		7/8	
4		10	6,870	4	5,398	10	3,926	4	2,454	10	981	4		10		4		10	
1/8		1/8	6,840	1/8	5,367	1/8	3,895	1/8	2,423	1/8	951	1/8		1/8		1/8		1/8	
1/4		1/4	6,809	1/4	5,337	1/4	3,865	1/4	2,392	1/4	920	1/4		1/4		1/4		1/4	
3/8		3/8	6,778	3/8	5,306	3/8	3,834	3/8	2,362	3/8	889	3/8		3/8		3/8		3/8	
1/2		1/2	6,748	1/2	5,275	1/2	3,803	1/2	2,331	1/2	859	1/2		1/2		1/2		1/2	
5/8		5/8	6,717	5/8	5,245	5/8	3,773	5/8	2,300	5/8	828	5/8		5/8		5/8		5/8	
3/4		3/4	6,686	3/4	5,214	3/4	3,742	3/4	2,270	3/4	797	3/4		3/4		3/4		3/4	
7/8		7/8	6,656	7/8	5,183	7/8	3,711	7/8	2,239	7/8	767	7/8		7/8		7/8		7/8	
5	7,974	11	6,625	5	5,153	11	3,681	5	2,208	11	736	5		11		5		11	
1/8	7,959	1/8	6,594	1/8	5,122	1/8	3,650	1/8	2,178	1/8	705	1/8		1/8		1/8		1/8	
1/4	7,944	1/4	6,564	1/4	5,091	1/4	3,619	1/4	2,147	1/4	675	1/4		1/4		1/4		1/4	
3/8	7,928	3/8	6,533	3/8	5,061	3/8	3,588	3/8	2,116	3/8	644	3/8		3/8		3/8		3/8	
1/2	7,913	1/2	6,502	1/2	5,030	1/2	3,558	1/2	2,086	1/2	613	1/2		1/2		1/2		1/2	
5/8	7,898	5/8	6,472	5/8	4,999	5/8	3,527	5/8	2,055	5/8	583	5/8		5/8		5/8		5/8	
3/4	7,882	3/4	6,441	3/4	4,969	3/4	3,496	3/4	2,024	3/4	552	3/4		3/4		3/4		3/4	
7/8	7,867	7/8	6,410	7/8	4,938	7/8	3,466	7/8	1,994	7/8	521	7/8		7/8		7/8		7/8	

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

DATE STRAPPED: 08/14/2015 BY: JMF
DATE COMPUTED: 11/17/2015 BY: CL
DATE ISSUED: 11/17/2015

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