



BARGE "KIRBY 29101"

ULLAGE TRIM TABLE

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

(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 - 00-5/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 3/8"

LENGTH BETWEEN DRAFT MARKS: 261'-00"

January 30, 2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>

BARGE "KIRBY 29101"

1 PORT

ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2" 19 FT.

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,426.78	0	2,048.78	0	1,670.78	0	1,294.13	0	916.95	0	538.98	0	189.44	0		0		0	
1/4	2,418.91	1/4	2,040.91	1/4	1,662.91	1/4	1,286.30	1/4	909.07	1/4	531.11	1/4	182.81	1/4		1/4		1/4	
1/2	2,411.03	1/2	2,033.03	1/2	1,655.03	1/2	1,278.47	1/2	901.21	1/2	523.25	1/2	176.18	1/2		1/2		1/2	
3/4	2,403.16	3/4	2,025.16	3/4	1,647.16	3/4	1,270.65	3/4	893.32	3/4	515.43	3/4	169.66	3/4		3/4		3/4	
1	2,395.28	1	2,017.28	1	1,639.28	1	1,262.82	1	885.45	1	507.62	1	163.15	1		1		1	
1/4	2,387.41	1/4	2,009.41	1/4	1,631.41	1/4	1,255.00	1/4	877.58	1/4	499.80	1/4	156.63	1/4		1/4		1/4	
1/2	2,379.53	1/2	2,001.53	1/2	1,623.53	1/2	1,247.17	1/2	869.70	1/2	491.98	1/2	150.11	1/2		1/2		1/2	
3/4	2,371.66	3/4	1,993.66	3/4	1,615.66	3/4	1,239.35	3/4	861.83	3/4	484.26	3/4	143.71	3/4		3/4		3/4	
2	2,363.78	2	1,985.78	2	1,607.78	2	1,231.52	2	853.95	2	476.53	2	137.30	2		2		2	
1/4	2,355.91	1/4	1,977.91	1/4	1,599.91	1/4	1,223.70	1/4	846.08	1/4	468.81	1/4	130.90	1/4		1/4		1/4	
1/2	2,348.03	1/2	1,970.03	1/2	1,592.03	1/2	1,215.87	1/2	838.20	1/2	461.09	1/2	124.50	1/2		1/2		1/2	
3/4	2,340.16	3/4	1,962.16	3/4	1,584.16	3/4	1,208.04	3/4	830.33	3/4	453.47	3/4	118.22	3/4		3/4		3/4	
3	2,332.28	3	1,954.28	3	1,576.28	3	1,200.22	3	822.45	3	445.86	3	111.94	3		3		3	
1/4	2,324.41	1/4	1,946.41	1/4	1,568.41	1/4	1,192.39	1/4	814.58	1/4	438.24	1/4	105.65	1/4		1/4		1/4	
1/2	2,316.53	1/2	1,938.53	1/2	1,560.53	1/2	1,184.57	1/2	806.70	1/2	430.63	1/2	99.37	1/2		1/2		1/2	
3/4	2,308.66	3/4	1,930.66	3/4	1,552.67	3/4	1,176.72	3/4	798.83	3/4	423.12	3/4	93.22	3/4		3/4		3/4	
4	2,300.78	4	1,922.78	4	1,544.81	4	1,168.88	4	790.95	4	415.62	4	87.07	4		4		4	
1/4	2,292.91	1/4	1,914.91	1/4	1,536.94	1/4	1,161.04	1/4	783.08	1/4	408.11	1/4	80.91	1/4		1/4		1/4	
1/2	2,285.03	1/2	1,907.03	1/2	1,529.08	1/2	1,153.19	1/2	775.20	1/2	400.60	1/2	74.76	1/2		1/2		1/2	
3/4	2,277.16	3/4	1,899.16	3/4	1,521.23	3/4	1,145.32	3/4	767.33	3/4	393.21	3/4	68.75	3/4		3/4		3/4	
5	2,269.28	5	1,891.28	5	1,513.39	5	1,137.44	5	759.45	5	385.81	5	62.74	5		5		5	
1/4	2,261.41	1/4	1,883.41	1/4	1,505.54	1/4	1,129.57	1/4	751.58	1/4	378.42	1/4	56.73	1/4		1/4		1/4	
1/2	2,253.53	1/2	1,875.53	1/2	1,497.70	1/2	1,121.69	1/2	743.70	1/2	371.02	1/2	50.72	1/2		1/2		1/2	
3/4	2,245.66	3/4	1,867.66	3/4	1,489.86	3/4	1,113.82	3/4	735.83	3/4	363.73	3/4	45.30	3/4		3/4		3/4	
6	2,237.78	6	1,859.78	6	1,482.02	6	1,105.94	6	727.95	6	356.45	6	39.88	6		6		6	
1/4	2,229.91	1/4	1,851.91	1/4	1,474.17	1/4	1,098.07	1/4	720.08	1/4	349.16	1/4	34.47	1/4		1/4		1/4	
1/2	2,222.03	1/2	1,844.03	1/2	1,466.33	1/2	1,090.19	1/2	712.20	1/2	341.87	1/2	29.05	1/2		1/2		1/2	
3/4	2,214.16	3/4	1,836.16	3/4	1,458.50	3/4	1,082.32	3/4	704.33	3/4	334.70	3/4	25.08	3/4		3/4		3/4	
7	2,206.28	7	1,828.28	7	1,450.67	7	1,074.45	7	696.45	7	327.52	7	21.12	7		7		7	
1/4	2,198.41	1/4	1,820.41	1/4	1,442.84	1/4	1,066.57	1/4	688.58	1/4	320.34	1/4	17.15	1/4		1/4		1/4	
1/2	2,190.53	1/2	1,812.53	1/2	1,435.00	1/2	1,058.70	1/2	680.71	1/2	313.16	1/2	13.19	1/2		1/2		1/2	
3/4	2,182.66	3/4	1,804.66	3/4	1,427.17	3/4	1,050.82	3/4	672.83	3/4	306.10	3/4		3/4		3/4		3/4	
8	2,174.78	8	1,796.78	8	1,419.34	8	1,042.95	8	664.96	8	299.03	8		8		8		8	
1/4	2,166.91	1/4	1,788.91	1/4	1,411.51	1/4	1,035.07	1/4	657.08	1/4	291.96	1/4		1/4		1/4		1/4	
1/2	2,159.03	1/2	1,781.03	1/2	1,403.68	1/2	1,027.20	1/2	649.21	1/2	284.89	1/2		1/2		1/2		1/2	
3/4	2,151.16	3/4	1,773.16	3/4	1,395.86	3/4	1,019.32	3/4	641.33	3/4	277.93	3/4		3/4		3/4		3/4	
9	2,143.28	9	1,765.28	9	1,388.03	9	1,011.45	9	633.46	9	270.98	9		9		9		9	
1/4	2,135.41	1/4	1,757.41	1/4	1,380.21	1/4	1,003.57	1/4	625.58	1/4	264.02	1/4		1/4		1/4		1/4	
1/2	2,127.53	1/2	1,749.53	1/2	1,372.38	1/2	995.70	1/2	617.71	1/2	257.06	1/2		1/2		1/2		1/2	
3/4	2,119.66	3/4	1,741.66	3/4	1,364.56	3/4	987.82	3/4	609.83	3/4	250.21	3/4		3/4		3/4		3/4	
10	2,111.78	10	1,733.78	10	1,356.73	10	979.95	10	601.96	10	243.36	10		10		10		10	
1/4	2,103.91	1/4	1,725.91	1/4	1,348.90	1/4	972.07	1/4	594.08	1/4	236.51	1/4		1/4		1/4		1/4	
1/2	2,096.03	1/2	1,718.03	1/2	1,341.08	1/2	964.20	1/2	586.21	1/2	229.66	1/2		1/2		1/2		1/2	
3/4	2,088.16	3/4	1,710.16	3/4	1,333.25	3/4	956.32	3/4	578.33	3/4	222.92	3/4		3/4		3/4		3/4	
11	2,080.28	11	1,702.28	11	1,325.43	11	948.45	11	570.46	11	216.18	11		11		11		11	
1/4	2,072.41	1/4	1,694.41	1/4	1,317.60	1/4	940.57	1/4	562.58	1/4	209.44	1/4		1/4		1/4		1/4	
1/2	2,064.53	1/2	1,686.53	1/2	1,309.78	1/2	932.70	1/2	554.71	1/2	202.70	1/2		1/2		1/2		1/2	
3/4	2,056.66	3/4	1,678.66	3/4	1,301.95	3/4	924.82	3/4	546.84	3/4	196.07	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
 CALCULATED: 01/30/2013 CL
 PRINTED: 01/30/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2013

PRECISION MEASUREMENT
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BARGE "KIRBY 29101"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 5/8"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,431.37	0	2,053.54	0	1,675.72	0	1,297.90	0	920.35	0	542.66	0	192.67	0		0		0	
1/4	2,423.50	1/4	2,045.67	1/4	1,667.85	1/4	1,290.03	1/4	912.50	1/4	534.80	1/4	186.04	1/4		1/4		1/4	
1/2	2,415.62	1/2	2,037.80	1/2	1,659.98	1/2	1,282.16	1/2	904.64	1/2	526.94	1/2	179.42	1/2		1/2		1/2	
3/4	2,407.75	3/4	2,029.93	3/4	1,652.11	3/4	1,274.29	3/4	896.78	3/4	519.10	3/4	172.84	3/4		3/4		3/4	
1	2,399.88	1	2,022.06	1	1,644.24	1	1,266.41	1	888.92	1	511.29	1	166.33	1		1		1	
1/4	2,392.01	1/4	2,014.19	1/4	1,636.37	1/4	1,258.54	1/4	881.06	1/4	503.48	1/4	159.81	1/4		1/4		1/4	
1/2	2,384.14	1/2	2,006.32	1/2	1,628.49	1/2	1,250.67	1/2	873.20	1/2	495.66	1/2	153.30	1/2		1/2		1/2	
3/4	2,376.27	3/4	1,998.45	3/4	1,620.62	3/4	1,242.80	3/4	865.34	3/4	487.90	3/4	146.84	3/4		3/4		3/4	
2	2,368.40	2	1,990.57	2	1,612.75	2	1,234.93	2	857.47	2	480.18	2	140.44	2		2		2	
1/4	2,360.52	1/4	1,982.70	1/4	1,604.88	1/4	1,227.06	1/4	849.61	1/4	472.46	1/4	134.04	1/4		1/4		1/4	
1/2	2,352.65	1/2	1,974.83	1/2	1,597.01	1/2	1,219.19	1/2	841.74	1/2	464.73	1/2	127.64	1/2		1/2		1/2	
3/4	2,344.78	3/4	1,966.96	3/4	1,589.14	3/4	1,211.32	3/4	833.88	3/4	457.07	3/4	121.30	3/4		3/4		3/4	
3	2,336.91	3	1,959.09	3	1,581.27	3	1,203.44	3	826.01	3	449.46	3	115.02	3		3		3	
1/4	2,329.04	1/4	1,951.22	1/4	1,573.39	1/4	1,195.57	1/4	818.13	1/4	441.85	1/4	108.74	1/4		1/4		1/4	
1/2	2,321.17	1/2	1,943.35	1/2	1,565.52	1/2	1,187.70	1/2	810.26	1/2	434.23	1/2	102.47	1/2		1/2		1/2	
3/4	2,313.30	3/4	1,935.47	3/4	1,557.65	3/4	1,179.83	3/4	802.39	3/4	426.68	3/4	96.25	3/4		3/4		3/4	
4	2,305.43	4	1,927.60	4	1,549.78	4	1,171.96	4	794.52	4	419.18	4	90.10	4		4		4	
1/4	2,297.55	1/4	1,919.73	1/4	1,541.91	1/4	1,164.09	1/4	786.65	1/4	411.67	1/4	83.95	1/4		1/4		1/4	
1/2	2,289.68	1/2	1,911.86	1/2	1,534.04	1/2	1,156.22	1/2	778.78	1/2	404.17	1/2	77.80	1/2		1/2		1/2	
3/4	2,281.81	3/4	1,903.99	3/4	1,526.17	3/4	1,148.34	3/4	770.91	3/4	396.72	3/4	71.72	3/4		3/4		3/4	
5	2,273.94	5	1,896.12	5	1,518.30	5	1,140.47	5	763.04	5	389.33	5	65.72	5		5		5	
1/4	2,266.07	1/4	1,888.25	1/4	1,510.42	1/4	1,132.60	1/4	755.17	1/4	381.94	1/4	59.71	1/4		1/4		1/4	
1/2	2,258.20	1/2	1,880.38	1/2	1,502.55	1/2	1,124.73	1/2	747.30	1/2	374.55	1/2	53.70	1/2		1/2		1/2	
3/4	2,250.33	3/4	1,872.50	3/4	1,494.68	3/4	1,116.86	3/4	739.42	3/4	367.21	3/4	47.99	3/4		3/4		3/4	
6	2,242.46	6	1,864.63	6	1,486.81	6	1,109.00	6	731.55	6	359.92	6	42.57	6		6		6	
1/4	2,234.58	1/4	1,856.76	1/4	1,478.94	1/4	1,101.13	1/4	723.68	1/4	352.64	1/4	37.16	1/4		1/4		1/4	
1/2	2,226.71	1/2	1,848.89	1/2	1,471.07	1/2	1,093.26	1/2	715.81	1/2	345.36	1/2	31.74	1/2		1/2		1/2	
3/4	2,218.84	3/4	1,841.02	3/4	1,463.20	3/4	1,085.40	3/4	707.94	3/4	338.13	3/4	27.05	3/4		3/4		3/4	
7	2,210.97	7	1,833.15	7	1,455.33	7	1,077.54	7	700.07	7	330.95	7	23.09	7		7		7	
1/4	2,203.10	1/4	1,825.28	1/4	1,447.45	1/4	1,069.68	1/4	692.20	1/4	323.78	1/4	19.13	1/4		1/4		1/4	
1/2	2,195.23	1/2	1,817.41	1/2	1,439.58	1/2	1,061.82	1/2	684.33	1/2	316.61	1/2	15.16	1/2		1/2		1/2	
3/4	2,187.36	3/4	1,809.53	3/4	1,431.71	3/4	1,053.96	3/4	676.46	3/4	309.49	3/4	13.18	3/4		3/4		3/4	
8	2,179.48	8	1,801.66	8	1,423.84	8	1,046.10	8	668.58	8	302.42	8		8		8		8	
1/4	2,171.61	1/4	1,793.79	1/4	1,415.97	1/4	1,038.24	1/4	660.71	1/4	295.36	1/4		1/4		1/4		1/4	
1/2	2,163.74	1/2	1,785.92	1/2	1,408.10	1/2	1,030.38	1/2	652.84	1/2	288.29	1/2		1/2		1/2		1/2	
3/4	2,155.87	3/4	1,778.05	3/4	1,400.23	3/4	1,022.53	3/4	644.97	3/4	281.28	3/4		3/4		3/4		3/4	
9	2,148.00	9	1,770.18	9	1,392.35	9	1,014.67	9	637.10	9	274.33	9		9		9		9	
1/4	2,140.13	1/4	1,762.31	1/4	1,384.48	1/4	1,006.81	1/4	629.23	1/4	267.37	1/4		1/4		1/4		1/4	
1/2	2,132.26	1/2	1,754.43	1/2	1,376.61	1/2	998.95	1/2	621.36	1/2	260.42	1/2		1/2		1/2		1/2	
3/4	2,124.39	3/4	1,746.56	3/4	1,368.74	3/4	991.09	3/4	613.49	3/4	253.52	3/4		3/4		3/4		3/4	
10	2,116.51	10	1,738.69	10	1,360.87	10	983.23	10	605.62	10	246.67	10		10		10		10	
1/4	2,108.64	1/4	1,730.82	1/4	1,353.00	1/4	975.37	1/4	597.74	1/4	239.83	1/4		1/4		1/4		1/4	
1/2	2,100.77	1/2	1,722.95	1/2	1,345.13	1/2	967.51	1/2	589.87	1/2	232.98	1/2		1/2		1/2		1/2	
3/4	2,092.90	3/4	1,715.08	3/4	1,337.26	3/4	959.65	3/4	582.00	3/4	226.19	3/4		3/4		3/4		3/4	
11	2,085.03	11	1,707.21	11	1,329.38	11	951.79	11	574.13	11	219.45	11		11		11		11	
1/4	2,077.16	1/4	1,699.34	1/4	1,321.51	1/4	943.93	1/4	566.26	1/4	212.72	1/4		1/4		1/4		1/4	
1/2	2,069.29	1/2	1,691.46	1/2	1,313.64	1/2	936.07	1/2	558.39	1/2	205.98	1/2		1/2		1/2		1/2	
3/4	2,061.42	3/4	1,683.59	3/4	1,305.77	3/4	928.21	3/4	550.52	3/4	199.30	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/25/2013 SW
 CALCULATED: 01/30/2013 CL
 PRINTED: 01/30/2013 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
 http://www.pmscorp.net



BARGE "KIRBY 29101"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,358.82	0	1,999.61	0	1,640.39	0	1,290.10	0	945.11	0	587.27	0	228.07	0		0		0	
1/4	2,351.34	1/4	1,992.12	1/4	1,632.91	1/4	1,282.89	1/4	937.93	1/4	579.79	1/4	220.59	1/4		1/4		1/4	
1/2	2,343.85	1/2	1,984.64	1/2	1,625.43	1/2	1,275.69	1/2	930.75	1/2	572.30	1/2	213.10	1/2		1/2		1/2	
3/4	2,336.37	3/4	1,977.16	3/4	1,617.94	3/4	1,268.49	3/4	923.46	3/4	564.82	3/4	205.62	3/4		3/4		3/4	
1	2,328.89	1	1,969.67	1	1,610.46	1	1,261.29	1	916.16	1	557.34	1	198.14	1		1		1	
1/4	2,321.40	1/4	1,962.19	1/4	1,602.98	1/4	1,254.09	1/4	908.57	1/4	549.85	1/4	190.66	1/4		1/4		1/4	
1/2	2,313.92	1/2	1,954.71	1/2	1,595.49	1/2	1,246.89	1/2	901.37	1/2	542.37	1/2	183.18	1/2		1/2		1/2	
3/4	2,306.43	3/4	1,947.22	3/4	1,588.01	3/4	1,239.69	3/4	894.09	3/4	534.89	3/4	175.70	3/4		3/4		3/4	
2	2,298.95	2	1,939.74	2	1,580.53	2	1,232.49	2	886.61	2	527.40	2	168.23	2		2		2	
1/4	2,291.47	1/4	1,932.25	1/4	1,573.04	1/4	1,225.29	1/4	879.12	1/4	519.92	1/4	160.75	1/4		1/4		1/4	
1/2	2,283.98	1/2	1,924.77	1/2	1,565.56	1/2	1,218.09	1/2	871.64	1/2	512.44	1/2	153.28	1/2		1/2		1/2	
3/4	2,276.50	3/4	1,917.29	3/4	1,558.07	3/4	1,210.89	3/4	864.16	3/4	504.95	3/4	145.81	3/4		3/4		3/4	
3	2,269.02	3	1,909.80	3	1,550.59	3	1,203.70	3	856.67	3	497.47	3	138.35	3		3		3	
1/4	2,261.53	1/4	1,902.32	1/4	1,543.11	1/4	1,196.50	1/4	849.19	1/4	489.99	1/4	130.89	1/4		1/4		1/4	
1/2	2,254.05	1/2	1,894.84	1/2	1,535.62	1/2	1,189.31	1/2	841.71	1/2	482.50	1/2	123.42	1/2		1/2		1/2	
3/4	2,246.57	3/4	1,887.35	3/4	1,528.25	3/4	1,182.12	3/4	834.22	3/4	475.02	3/4	115.98	3/4		3/4		3/4	
4	2,239.08	4	1,879.87	4	1,520.87	4	1,174.93	4	826.74	4	467.54	4	108.53	4		4		4	
1/4	2,231.60	1/4	1,872.39	1/4	1,513.49	1/4	1,167.74	1/4	819.26	1/4	460.05	1/4	101.09	1/4		1/4		1/4	
1/2	2,224.11	1/2	1,864.90	1/2	1,506.11	1/2	1,160.55	1/2	811.77	1/2	452.57	1/2	93.64	1/2		1/2		1/2	
3/4	2,216.63	3/4	1,857.42	3/4	1,498.91	3/4	1,153.37	3/4	804.29	3/4	445.09	3/4	86.23	3/4		3/4		3/4	
5	2,209.15	5	1,849.93	5	1,491.71	5	1,146.18	5	796.81	5	437.60	5	78.81	5		5		5	
1/4	2,201.66	1/4	1,842.45	1/4	1,484.51	1/4	1,139.00	1/4	789.32	1/4	430.12	1/4	71.40	1/4		1/4		1/4	
1/2	2,194.18	1/2	1,834.97	1/2	1,477.31	1/2	1,131.81	1/2	781.84	1/2	422.64	1/2	63.98	1/2		1/2		1/2	
3/4	2,186.70	3/4	1,827.48	3/4	1,470.11	3/4	1,124.63	3/4	774.36	3/4	415.15	3/4	57.03	3/4		3/4		3/4	
6	2,179.21	6	1,820.00	6	1,462.91	6	1,117.45	6	766.87	6	407.67	6	50.07	6		6		6	
1/4	2,171.73	1/4	1,812.52	1/4	1,455.71	1/4	1,110.27	1/4	759.39	1/4	400.19	1/4	43.12	1/4		1/4		1/4	
1/2	2,164.25	1/2	1,805.03	1/2	1,448.51	1/2	1,103.09	1/2	751.91	1/2	392.70	1/2	36.16	1/2		1/2		1/2	
3/4	2,156.76	3/4	1,797.55	3/4	1,441.31	3/4	1,095.91	3/4	744.42	3/4	385.22	3/4	30.86	3/4		3/4		3/4	
7	2,149.28	7	1,790.07	7	1,434.11	7	1,088.73	7	736.94	7	377.74	7	25.57	7		7		7	
1/4	2,141.80	1/4	1,782.58	1/4	1,426.91	1/4	1,081.55	1/4	729.46	1/4	370.25	1/4	20.27	1/4		1/4		1/4	
1/2	2,134.31	1/2	1,775.10	1/2	1,419.71	1/2	1,074.37	1/2	721.97	1/2	362.77	1/2	14.97	1/2		1/2		1/2	
3/4	2,126.83	3/4	1,767.62	3/4	1,412.51	3/4	1,067.19	3/4	714.49	3/4	355.29	3/4		3/4		3/4		3/4	
8	2,119.34	8	1,760.13	8	1,405.31	8	1,060.01	8	707.01	8	347.80	8		8		8		8	
1/4	2,111.86	1/4	1,752.65	1/4	1,398.10	1/4	1,052.83	1/4	699.52	1/4	340.32	1/4		1/4		1/4		1/4	
1/2	2,104.38	1/2	1,745.16	1/2	1,390.90	1/2	1,045.64	1/2	692.04	1/2	332.84	1/2		1/2		1/2		1/2	
3/4	2,096.89	3/4	1,737.68	3/4	1,383.70	3/4	1,038.46	3/4	684.56	3/4	325.35	3/4		3/4		3/4		3/4	
9	2,089.41	9	1,730.20	9	1,376.50	9	1,031.28	9	677.07	9	317.87	9		9		9		9	
1/4	2,081.93	1/4	1,722.71	1/4	1,369.30	1/4	1,024.10	1/4	669.59	1/4	310.39	1/4		1/4		1/4		1/4	
1/2	2,074.44	1/2	1,715.23	1/2	1,362.10	1/2	1,016.92	1/2	662.11	1/2	302.90	1/2		1/2		1/2		1/2	
3/4	2,066.96	3/4	1,707.75	3/4	1,354.90	3/4	1,009.74	3/4	654.62	3/4	295.42	3/4		3/4		3/4		3/4	
10	2,059.48	10	1,700.26	10	1,347.70	10	1,002.56	10	647.14	10	287.94	10		10		10		10	
1/4	2,051.99	1/4	1,692.78	1/4	1,340.50	1/4	995.38	1/4	639.65	1/4	280.45	1/4		1/4		1/4		1/4	
1/2	2,044.51	1/2	1,685.30	1/2	1,333.30	1/2	988.20	1/2	632.17	1/2	272.97	1/2		1/2		1/2		1/2	
3/4	2,037.02	3/4	1,677.81	3/4	1,326.10	3/4	981.02	3/4	624.69	3/4	265.48	3/4		3/4		3/4		3/4	
11	2,029.54	11	1,670.33	11	1,318.90	11	973.84	11	617.20	11	258.00	11		11		11		11	
1/4	2,022.06	1/4	1,662.84	1/4	1,311.70	1/4	966.66	1/4	609.72	1/4	250.52	1/4		1/4		1/4		1/4	
1/2	2,014.57	1/2	1,655.36	1/2	1,304.50	1/2	959.48	1/2	602.24	1/2	243.03	1/2		1/2		1/2		1/2	
3/4	2,007.09	3/4	1,647.88	3/4	1,297.30	3/4	952.30	3/4	594.75	3/4	235.55	3/4		3/4		3/4		3/4	

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BARGE "KIRBY 29101"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,383.82	0	2,024.48	0	1,665.13	0	1,305.78	0	946.72	0	587.48	0	228.15	0		0		0	
1/4	2,376.34	1/4	2,016.99	1/4	1,657.64	1/4	1,298.29	1/4	939.25	1/4	580.00	1/4	220.67	1/4		1/4		1/4	
1/2	2,368.85	1/2	2,009.50	1/2	1,650.16	1/2	1,290.81	1/2	931.77	1/2	572.51	1/2	213.18	1/2		1/2		1/2	
3/4	2,361.36	3/4	2,002.02	3/4	1,642.67	3/4	1,283.32	3/4	924.30	3/4	565.03	3/4	205.70	3/4		3/4		3/4	
1	2,353.88	1	1,994.53	1	1,635.18	1	1,275.84	1	916.82	1	557.34	1	198.21	1		1		1	
1/4	2,346.39	1/4	1,987.04	1/4	1,627.70	1/4	1,268.35	1/4	909.35	1/4	550.05	1/4	190.73	1/4		1/4		1/4	
1/2	2,338.90	1/2	1,979.56	1/2	1,620.21	1/2	1,260.86	1/2	901.87	1/2	542.57	1/2	183.24	1/2		1/2		1/2	
3/4	2,331.42	3/4	1,972.07	3/4	1,612.72	3/4	1,253.38	3/4	894.39	3/4	535.08	3/4	175.77	3/4		3/4		3/4	
1	2,323.93	1	1,964.58	1	1,605.24	1	1,245.89	1	886.92	1	527.59	1	168.29	1		1		1	
1/4	2,316.44	1/4	1,957.10	1/4	1,597.75	1/4	1,238.40	1/4	879.44	1/4	520.11	1/4	160.81	1/4		1/4		1/4	
1/2	2,308.96	1/2	1,949.61	1/2	1,590.26	1/2	1,230.92	1/2	871.96	1/2	512.62	1/2	153.33	1/2		1/2		1/2	
3/4	2,301.47	3/4	1,942.12	3/4	1,582.78	3/4	1,223.43	3/4	864.47	3/4	505.14	3/4	145.87	3/4		3/4		3/4	
1	2,293.99	1	1,934.64	1	1,575.29	1	1,215.94	1	856.98	1	497.65	1	138.40	1		1		1	
1/4	2,286.50	1/4	1,927.15	1/4	1,567.80	1/4	1,208.46	1/4	849.50	1/4	490.16	1/4	130.93	1/4		1/4		1/4	
1/2	2,279.01	1/2	1,919.67	1/2	1,560.32	1/2	1,200.97	1/2	842.01	1/2	482.68	1/2	123.47	1/2		1/2		1/2	
3/4	2,271.53	3/4	1,912.18	3/4	1,552.83	3/4	1,193.48	3/4	834.53	3/4	475.19	3/4	116.02	3/4		3/4		3/4	
1	2,264.04	1	1,904.69	1	1,545.35	1	1,186.00	1	827.04	1	467.71	1	108.57	1		1		1	
1/4	2,256.55	1/4	1,897.21	1/4	1,537.86	1/4	1,178.51	1/4	819.55	1/4	460.22	1/4	101.12	1/4		1/4		1/4	
1/2	2,249.07	1/2	1,889.72	1/2	1,530.37	1/2	1,171.03	1/2	812.07	1/2	452.73	1/2	93.67	1/2		1/2		1/2	
3/4	2,241.58	3/4	1,882.23	3/4	1,522.89	3/4	1,163.54	3/4	804.58	3/4	445.25	3/4	86.26	3/4		3/4		3/4	
1	2,234.09	1	1,874.75	1	1,515.40	1	1,156.05	1	797.09	1	437.76	1	78.84	1		1		1	
1/4	2,226.61	1/4	1,867.26	1/4	1,507.91	1/4	1,148.57	1/4	789.61	1/4	430.28	1/4	71.42	1/4		1/4		1/4	
1/2	2,219.12	1/2	1,859.77	1/2	1,500.43	1/2	1,141.08	1/2	782.12	1/2	422.79	1/2	64.00	1/2		1/2		1/2	
3/4	2,211.64	3/4	1,852.29	3/4	1,492.94	3/4	1,133.60	3/4	774.64	3/4	415.30	3/4	57.05	3/4		3/4		3/4	
1	2,204.15	1	1,844.80	1	1,485.45	1	1,126.12	1	767.15	1	407.82	1	50.09	1		1		1	
1/4	2,196.66	1/4	1,837.32	1/4	1,477.97	1/4	1,118.63	1/4	759.66	1/4	400.33	1/4	43.13	1/4		1/4		1/4	
1/2	2,189.18	1/2	1,829.83	1/2	1,470.48	1/2	1,111.15	1/2	752.18	1/2	392.85	1/2	36.17	1/2		1/2		1/2	
3/4	2,181.69	3/4	1,822.34	3/4	1,463.00	3/4	1,103.68	3/4	744.69	3/4	385.36	3/4	30.87	3/4		3/4		3/4	
1	2,174.20	1	1,814.86	1	1,455.51	1	1,096.20	1	737.21	1	377.87	1	25.57	1		1		1	
1/4	2,166.72	1/4	1,807.37	1/4	1,448.02	1/4	1,088.73	1/4	729.72	1/4	370.39	1/4	20.27	1/4		1/4		1/4	
1/2	2,159.23	1/2	1,799.88	1/2	1,440.54	1/2	1,081.26	1/2	722.23	1/2	362.90	1/2	14.97	1/2		1/2		1/2	
3/4	2,151.74	3/4	1,792.40	3/4	1,433.05	3/4	1,073.78	3/4	714.75	3/4	355.41	3/4		3/4		3/4		3/4	
1	2,144.26	1	1,784.91	1	1,425.56	1	1,066.31	1	707.26	1	347.93	1		1		1		1	
1/4	2,136.77	1/4	1,777.42	1/4	1,418.08	1/4	1,058.83	1/4	699.78	1/4	340.44	1/4		1/4		1/4		1/4	
1/2	2,129.28	1/2	1,769.94	1/2	1,410.59	1/2	1,051.36	1/2	692.29	1/2	332.96	1/2		1/2		1/2		1/2	
3/4	2,121.80	3/4	1,762.45	3/4	1,403.10	3/4	1,043.88	3/4	684.80	3/4	325.47	3/4		3/4		3/4		3/4	
1	2,114.31	1	1,754.96	1	1,395.62	1	1,036.41	1	677.32	1	317.98	1		1		1		1	
1/4	2,106.83	1/4	1,747.48	1/4	1,388.13	1/4	1,028.94	1/4	669.83	1/4	310.50	1/4		1/4		1/4		1/4	
1/2	2,099.34	1/2	1,739.99	1/2	1,380.64	1/2	1,021.46	1/2	662.34	1/2	303.01	1/2		1/2		1/2		1/2	
3/4	2,091.85	3/4	1,732.51	3/4	1,373.16	3/4	1,013.99	3/4	654.86	3/4	295.53	3/4		3/4		3/4		3/4	
1	2,084.37	1	1,725.02	1	1,365.67	1	1,006.51	1	647.37	1	288.04	1		1		1		1	
1/4	2,076.88	1/4	1,717.53	1/4	1,358.19	1/4	999.04	1/4	639.89	1/4	280.55	1/4		1/4		1/4		1/4	
1/2	2,069.39	1/2	1,710.05	1/2	1,350.70	1/2	991.57	1/2	632.40	1/2	273.07	1/2		1/2		1/2		1/2	
3/4	2,061.91	3/4	1,702.56	3/4	1,343.21	3/4	984.09	3/4	624.91	3/4	265.58	3/4		3/4		3/4		3/4	
1	2,054.42	1	1,695.07	1	1,335.73	1	976.62	1	617.43	1	258.10	1		1		1		1	
1/4	2,046.93	1/4	1,687.59	1/4	1,328.24	1/4	969.14	1/4	609.94	1/4	250.61	1/4		1/4		1/4		1/4	
1/2	2,039.45	1/2	1,680.10	1/2	1,320.75	1/2	961.67	1/2	602.46	1/2	243.12	1/2		1/2		1/2		1/2	
3/4	2,031.96	3/4	1,672.61	3/4	1,313.27	3/4	954.19	3/4	594.97	3/4	235.64	3/4		3/4		3/4		3/4	

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BARGE "KIRBY 29101"

3 PORT

ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,283.98	0	1,927.09	0	1,571.13	0	1,214.32	0	870.32	0	513.34	0	156.13	0		0		0	
1/4	2,276.55	1/4	1,919.65	1/4	1,563.71	1/4	1,207.15	1/4	862.89	1/4	505.89	1/4	148.68	1/4		1/4		1/4	
1/2	2,269.12	1/2	1,912.21	1/2	1,556.30	1/2	1,199.98	1/2	855.47	1/2	498.45	1/2	141.24	1/2		1/2		1/2	
3/4	2,261.70	3/4	1,904.77	3/4	1,548.88	3/4	1,192.81	3/4	848.05	3/4	491.01	3/4	133.80	3/4		3/4		3/4	
1	2,254.27	1	1,897.36	1	1,541.44	1	1,185.63	1	840.63	1	483.57	1	126.36	1		1		1	
1/4	2,246.84	1/4	1,889.94	1/4	1,534.00	1/4	1,178.46	1/4	833.21	1/4	476.13	1/4	118.92	1/4		1/4		1/4	
1/2	2,239.42	1/2	1,882.53	1/2	1,526.56	1/2	1,171.29	1/2	825.79	1/2	468.68	1/2	111.48	1/2		1/2		1/2	
3/4	2,231.99	3/4	1,875.11	3/4	1,519.12	3/4	1,164.12	3/4	818.37	3/4	461.24	3/4	104.03	3/4		3/4		3/4	
2	2,224.56	2	1,867.70	2	1,511.68	2	1,156.94	2	810.95	2	453.80	2	96.91	2		2		2	
1/4	2,217.14	1/4	1,860.28	1/4	1,504.24	1/4	1,149.77	1/4	803.53	1/4	446.36	1/4	89.78	1/4		1/4		1/4	
1/2	2,209.71	1/2	1,852.87	1/2	1,496.80	1/2	1,142.60	1/2	796.11	1/2	438.92	1/2	82.65	1/2		1/2		1/2	
3/4	2,202.28	3/4	1,845.46	3/4	1,489.36	3/4	1,135.43	3/4	788.69	3/4	431.48	3/4	75.53	3/4		3/4		3/4	
3	2,194.86	3	1,838.04	3	1,481.92	3	1,128.25	3	781.24	3	424.03	3	69.34	3		3		3	
1/4	2,187.43	1/4	1,830.63	1/4	1,474.48	1/4	1,121.08	1/4	773.80	1/4	416.59	1/4	63.16	1/4		1/4		1/4	
1/2	2,180.00	1/2	1,823.21	1/2	1,467.04	1/2	1,113.91	1/2	766.36	1/2	409.15	1/2	56.97	1/2		1/2		1/2	
3/4	2,172.58	3/4	1,815.80	3/4	1,459.60	3/4	1,106.74	3/4	759.92	3/4	401.71	3/4	50.78	3/4		3/4		3/4	
4	2,165.15	4	1,808.38	4	1,452.16	4	1,099.56	4	753.48	4	394.27	4	45.85	4		4		4	
1/4	2,157.73	1/4	1,800.97	1/4	1,444.72	1/4	1,092.39	1/4	747.04	1/4	386.82	1/4	40.93	1/4		1/4		1/4	
1/2	2,150.30	1/2	1,793.56	1/2	1,437.27	1/2	1,085.22	1/2	736.59	1/2	379.38	1/2	36.00	1/2		1/2		1/2	
3/4	2,142.87	3/4	1,786.14	3/4	1,429.83	3/4	1,078.05	3/4	729.15	3/4	371.94	3/4	31.07	3/4		3/4		3/4	
5	2,135.43	5	1,778.73	5	1,422.39	5	1,070.89	5	721.71	5	364.50	5	27.40	5		5		5	
1/4	2,127.99	1/4	1,771.31	1/4	1,414.95	1/4	1,063.73	1/4	714.27	1/4	357.06	1/4	23.73	1/4		1/4		1/4	
1/2	2,120.55	1/2	1,763.90	1/2	1,407.51	1/2	1,056.57	1/2	706.83	1/2	349.61	1/2	20.07	1/2		1/2		1/2	
3/4	2,113.11	3/4	1,756.48	3/4	1,400.07	3/4	1,049.41	3/4	699.38	3/4	342.17	3/4	16.40	3/4		3/4		3/4	
6	2,105.67	6	1,749.07	6	1,392.63	6	1,042.25	6	691.94	6	334.73	6		6		6		6	
1/4	2,098.23	1/4	1,741.66	1/4	1,385.19	1/4	1,035.09	1/4	684.50	1/4	327.29	1/4		1/4		1/4		1/4	
1/2	2,090.79	1/2	1,734.24	1/2	1,377.75	1/2	1,027.93	1/2	677.06	1/2	319.85	1/2		1/2		1/2		1/2	
3/4	2,083.35	3/4	1,726.83	3/4	1,370.31	3/4	1,020.78	3/4	669.62	3/4	312.41	3/4		3/4		3/4		3/4	
7	2,075.91	7	1,719.41	7	1,362.87	7	1,013.62	7	662.17	7	304.96	7		7		7		7	
1/4	2,068.47	1/4	1,712.00	1/4	1,355.43	1/4	1,006.47	1/4	654.73	1/4	297.52	1/4		1/4		1/4		1/4	
1/2	2,061.02	1/2	1,704.58	1/2	1,347.99	1/2	999.31	1/2	647.29	1/2	290.08	1/2		1/2		1/2		1/2	
3/4	2,053.58	3/4	1,697.17	3/4	1,340.55	3/4	992.16	3/4	639.85	3/4	282.64	3/4		3/4		3/4		3/4	
8	2,046.14	8	1,689.76	8	1,333.11	8	985.01	8	632.41	8	275.20	8		8		8		8	
1/4	2,038.70	1/4	1,682.34	1/4	1,325.67	1/4	977.85	1/4	624.96	1/4	267.75	1/4		1/4		1/4		1/4	
1/2	2,031.26	1/2	1,674.93	1/2	1,318.22	1/2	970.70	1/2	617.52	1/2	260.31	1/2		1/2		1/2		1/2	
3/4	2,023.82	3/4	1,667.51	3/4	1,310.78	3/4	963.55	3/4	610.08	3/4	252.87	3/4		3/4		3/4		3/4	
9	2,016.38	9	1,660.10	9	1,303.34	9	956.40	9	602.64	9	245.43	9		9		9		9	
1/4	2,008.94	1/4	1,652.68	1/4	1,295.90	1/4	949.25	1/4	595.20	1/4	237.99	1/4		1/4		1/4		1/4	
1/2	2,001.50	1/2	1,645.27	1/2	1,288.46	1/2	942.10	1/2	587.76	1/2	230.54	1/2		1/2		1/2		1/2	
3/4	1,994.06	3/4	1,637.86	3/4	1,281.02	3/4	934.95	3/4	580.31	3/4	223.10	3/4		3/4		3/4		3/4	
10	1,986.62	10	1,630.44	10	1,273.58	10	927.80	10	572.87	10	215.66	10		10		10		10	
1/4	1,979.18	1/4	1,623.03	1/4	1,266.14	1/4	920.64	1/4	565.43	1/4	208.22	1/4		1/4		1/4		1/4	
1/2	1,971.74	1/2	1,615.61	1/2	1,258.70	1/2	913.49	1/2	557.99	1/2	200.78	1/2		1/2		1/2		1/2	
3/4	1,964.30	3/4	1,608.20	3/4	1,251.26	3/4	906.34	3/4	550.55	3/4	193.33	3/4		3/4		3/4		3/4	
11	1,956.85	11	1,600.78	11	1,243.82	11	899.19	11	543.10	11	185.89	11		11		11		11	
1/4	1,949.41	1/4	1,593.37	1/4	1,236.38	1/4	892.04	1/4	535.66	1/4	178.45	1/4		1/4		1/4		1/4	
1/2	1,941.97	1/2	1,585.95	1/2	1,228.94	1/2	884.89	1/2	528.22	1/2	171.01	1/2		1/2		1/2		1/2	
3/4	1,934.53	3/4	1,578.54	3/4	1,221.50	3/4	877.74	3/4	520.78	3/4	163.57	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 CALCULATED: 01/30/2013 CL
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 ALL PRIOR TO 01/2013

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>

BARGE "KIRBY 29101"

3 STBD

ULLAGE TABLE



CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	2,295.47	0	1,937.65	0	1,579.83	0	1,222.01	0	864.45	0	506.76	0	148.95	0		0		0	
1/4	2,288.02	1/4	1,930.20	1/4	1,572.38	1/4	1,214.56	1/4	857.01	1/4	499.30	1/4	141.49	1/4		1/4		1/4	
1/2	2,280.56	1/2	1,922.74	1/2	1,564.92	1/2	1,207.10	1/2	849.57	1/2	491.85	1/2	134.04	1/2		1/2		1/2	
3/4	2,273.11	3/4	1,915.29	3/4	1,557.47	3/4	1,199.65	3/4	842.12	3/4	484.39	3/4	126.58	3/4		3/4		3/4	
1	2,265.65	1	1,907.83	1	1,550.01	1	1,192.19	1	834.68	1	476.94	1	119.13	1		1		1	
1/4	2,258.20	1/4	1,900.38	1/4	1,542.56	1/4	1,184.74	1/4	827.24	1/4	469.48	1/4	111.68	1/4		1/4		1/4	
1/2	2,250.74	1/2	1,892.92	1/2	1,535.10	1/2	1,177.28	1/2	819.79	1/2	462.03	1/2	104.22	1/2		1/2		1/2	
3/4	2,243.29	3/4	1,885.47	3/4	1,527.65	3/4	1,169.83	3/4	812.35	3/4	454.58	3/4	97.08	3/4		3/4		3/4	
2	2,235.84	2	1,878.01	2	1,520.19	2	1,162.37	2	804.91	2	447.12	2	89.94	2		2		2	
1/4	2,228.38	1/4	1,870.56	1/4	1,512.74	1/4	1,154.92	1/4	797.47	1/4	439.67	1/4	82.80	1/4		1/4		1/4	
1/2	2,220.93	1/2	1,863.11	1/2	1,505.28	1/2	1,147.46	1/2	790.02	1/2	432.21	1/2	75.66	1/2		1/2		1/2	
3/4	2,213.47	3/4	1,855.65	3/4	1,497.83	3/4	1,140.01	3/4	782.57	3/4	424.76	3/4	69.47	3/4		3/4		3/4	
3	2,206.02	3	1,848.20	3	1,490.38	3	1,132.55	3	775.12	3	417.30	3	63.27	3		3		3	
1/4	2,198.56	1/4	1,840.74	1/4	1,482.92	1/4	1,125.10	1/4	767.66	1/4	409.85	1/4	57.07	1/4		1/4		1/4	
1/2	2,191.11	1/2	1,833.29	1/2	1,475.47	1/2	1,117.65	1/2	760.21	1/2	402.40	1/2	50.87	1/2		1/2		1/2	
3/4	2,183.65	3/4	1,825.83	3/4	1,468.01	3/4	1,110.19	3/4	752.75	3/4	394.94	3/4	45.93	3/4		3/4		3/4	
4	2,176.20	4	1,818.38	4	1,460.56	4	1,102.74	4	745.30	4	387.49	4	40.99	4		4		4	
1/4	2,168.74	1/4	1,810.92	1/4	1,453.10	1/4	1,095.28	1/4	737.84	1/4	380.03	1/4	36.05	1/4		1/4		1/4	
1/2	2,161.29	1/2	1,803.47	1/2	1,445.65	1/2	1,087.83	1/2	730.39	1/2	372.58	1/2	31.10	1/2		1/2		1/2	
3/4	2,153.84	3/4	1,796.01	3/4	1,438.19	3/4	1,080.37	3/4	722.93	3/4	365.12	3/4	27.43	3/4		3/4		3/4	
5	2,146.38	5	1,788.56	5	1,430.74	5	1,072.92	5	715.48	5	357.67	5	23.75	5		5		5	
1/4	2,138.93	1/4	1,781.11	1/4	1,423.28	1/4	1,065.46	1/4	708.03	1/4	350.21	1/4	20.08	1/4		1/4		1/4	
1/2	2,131.47	1/2	1,773.65	1/2	1,415.83	1/2	1,058.01	1/2	700.57	1/2	342.76	1/2	16.40	1/2		1/2		1/2	
3/4	2,124.02	3/4	1,766.20	3/4	1,408.38	3/4	1,050.55	3/4	693.12	3/4	335.31	3/4	12.72	3/4		3/4		3/4	
6	2,116.56	6	1,758.74	6	1,400.92	6	1,043.10	6	685.66	6	327.85	6	8.85	6		6		6	
1/4	2,109.11	1/4	1,751.29	1/4	1,393.47	1/4	1,035.65	1/4	678.21	1/4	320.40	1/4	5.17	1/4		1/4		1/4	
1/2	2,101.65	1/2	1,743.83	1/2	1,386.01	1/2	1,028.19	1/2	670.75	1/2	312.94	1/2	1.50	1/2		1/2		1/2	
3/4	2,094.20	3/4	1,736.38	3/4	1,378.56	3/4	1,020.75	3/4	663.30	3/4	305.49	3/4	0.83	3/4		3/4		3/4	
7	2,086.74	7	1,728.92	7	1,371.10	7	1,013.31	7	655.84	7	298.03	7	0.16	7		7		7	
1/4	2,079.29	1/4	1,721.47	1/4	1,363.65	1/4	1,005.86	1/4	648.39	1/4	290.58	1/4	0.49	1/4		1/4		1/4	
1/2	2,071.83	1/2	1,714.01	1/2	1,356.19	1/2	998.42	1/2	640.94	1/2	283.12	1/2	0.82	1/2		1/2		1/2	
3/4	2,064.38	3/4	1,706.56	3/4	1,348.74	3/4	990.98	3/4	633.48	3/4	275.67	3/4	1.15	3/4		3/4		3/4	
8	2,056.93	8	1,699.10	8	1,341.28	8	983.53	8	626.03	8	268.22	8	1.48	8		8		8	
1/4	2,049.47	1/4	1,691.65	1/4	1,333.83	1/4	976.09	1/4	618.57	1/4	260.76	1/4	1.81	1/4		1/4		1/4	
1/2	2,042.02	1/2	1,684.20	1/2	1,326.37	1/2	968.65	1/2	611.12	1/2	253.31	1/2	2.14	1/2		1/2		1/2	
3/4	2,034.56	3/4	1,676.74	3/4	1,318.92	3/4	961.21	3/4	603.66	3/4	245.85	3/4	2.47	3/4		3/4		3/4	
9	2,027.11	9	1,669.29	9	1,311.47	9	953.76	9	596.21	9	238.40	9	2.80	9		9		9	
1/4	2,019.65	1/4	1,661.83	1/4	1,304.01	1/4	946.32	1/4	588.76	1/4	230.94	1/4	3.13	1/4		1/4		1/4	
1/2	2,012.20	1/2	1,654.38	1/2	1,296.56	1/2	938.88	1/2	581.30	1/2	223.49	1/2	3.46	1/2		1/2		1/2	
3/4	2,004.74	3/4	1,646.92	3/4	1,289.10	3/4	931.44	3/4	573.85	3/4	216.04	3/4	3.79	3/4		3/4		3/4	
10	1,997.29	10	1,639.47	10	1,281.65	10	923.99	10	566.39	10	208.58	10	4.12	10		10		10	
1/4	1,989.83	1/4	1,632.01	1/4	1,274.19	1/4	916.55	1/4	558.94	1/4	201.13	1/4	4.45	1/4		1/4		1/4	
1/2	1,982.38	1/2	1,624.56	1/2	1,266.74	1/2	909.11	1/2	551.48	1/2	193.67	1/2	4.78	1/2		1/2		1/2	
3/4	1,974.92	3/4	1,617.10	3/4	1,259.28	3/4	901.66	3/4	544.03	3/4	186.22	3/4	5.11	3/4		3/4		3/4	
11	1,967.47	11	1,609.65	11	1,251.83	11	894.22	11	536.57	11	178.76	11	5.44	11		11		11	
1/4	1,960.02	1/4	1,602.19	1/4	1,244.37	1/4	886.78	1/4	529.12	1/4	171.31	1/4	5.77	1/4		1/4		1/4	
1/2	1,952.56	1/2	1,594.74	1/2	1,236.92	1/2	879.34	1/2	521.67	1/2	163.85	1/2	6.10	1/2		1/2		1/2	
3/4	1,945.11	3/4	1,587.29	3/4	1,229.46	3/4	871.89	3/4	514.21	3/4	156.40	3/4	6.43	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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