



BARGE "KIRBY 27751"

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

(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: 241'-06"

March 19, 2008

PRECISION MEASUREMENT
 & ANALYSIS, INC.

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 Pearland, Texas 77588

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BARGE "KIRBY 27751"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.								
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN					
0			0			0			0			0	4,494.00		0	4,161.05		0	3,804.45		0	3,438.28		0	3,072.11		0	2,705.94							
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,487.31	1/4	1/4	4,153.84	1/4	1/4	3,796.82	1/4	1/4	3,430.65	1/4	1/4	3,064.48	1/4	1/4	2,698.31							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,808.06	1/2	1/2	4,480.62	1/2	1/2	4,146.62	1/2	1/2	3,789.19	1/2	1/2	3,423.02	1/2	1/2	3,056.85	1/2	1/2	2,690.69							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,801.23	3/4	3/4	4,473.90	3/4	3/4	4,139.37	3/4	3/4	3,781.56	3/4	3/4	3,415.39	3/4	3/4	3,049.23	3/4	3/4	2,683.06							
1		1	1		1	1		1	1	4,467.40	1	1	4,132.12	1	1	3,773.93	1	1	3,407.77	1	1	3,041.60	1	1	2,675.43										
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,787.57	1/4	1/4	4,460.46	1/4	1/4	4,124.87	1/4	1/4	3,766.30	1/4	1/4	3,400.14	1/4	1/4	3,033.97	1/4	1/4	2,667.80							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,780.75	1/2	1/2	4,453.75	1/2	1/2	4,117.62	1/2	1/2	3,758.68	1/2	1/2	3,392.51	1/2	1/2	3,026.34	1/2	1/2	2,660.17							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,773.28	3/4	3/4	4,446.99	3/4	3/4	4,110.33	3/4	3/4	3,751.05	3/4	3/4	3,384.88	3/4	3/4	3,018.71	3/4	3/4	2,652.54							
2		2	2		2	2		2	2	4,765.81	2	2	4,440.24	2	2	4,103.05	2	2	3,743.42	2	2	3,377.25	2	2	3,011.08	2	2	2,644.92							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,758.35	1/4	1/4	4,433.48	1/4	1/4	4,095.76	1/4	1/4	3,735.79	1/4	1/4	3,369.62	1/4	1/4	3,003.45	1/4	1/4	2,637.29							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,750.88	1/2	1/2	4,426.73	1/2	1/2	4,088.47	1/2	1/2	3,728.16	1/2	1/2	3,361.99	1/2	1/2	2,995.83	1/2	1/2	2,629.66							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,743.34	3/4	3/4	4,419.93	3/4	3/4	4,081.15	3/4	3/4	3,720.53	3/4	3/4	3,354.37	3/4	3/4	2,988.20	3/4	3/4	2,622.03							
3		3	3		3	3		3	3	4,735.79	3	3	4,413.14	3	3	4,073.83	3	3	3,712.91	3	3	3,346.74	3	3	2,980.57	3	3	2,614.40							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,728.25	1/4	1/4	4,406.35	1/4	1/4	4,066.50	1/4	1/4	3,705.28	1/4	1/4	3,339.11	1/4	1/4	2,972.94	1/4	1/4	2,606.77							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,720.71	1/2	1/2	4,399.56	1/2	1/2	4,059.18	1/2	1/2	3,697.65	1/2	1/2	3,331.48	1/2	1/2	2,965.31	1/2	1/2	2,599.14							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,713.44	3/4	3/4	4,392.73	3/4	3/4	4,051.83	3/4	3/4	3,690.02	3/4	3/4	3,323.85	3/4	3/4	2,957.68	3/4	3/4	2,591.52							
4		4	4		4	4		4	4	4,706.18	4	4	4,385.90	4	4	4,044.47	4	4	3,682.39	4	4	3,316.22	4	4	2,950.06	4	4	2,583.89							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,698.91	1/4	1/4	4,379.07	1/4	1/4	4,037.12	1/4	1/4	3,674.76	1/4	1/4	3,308.59	1/4	1/4	2,942.43	1/4	1/4	2,576.26							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,691.65	1/2	1/2	4,372.24	1/2	1/2	4,029.76	1/2	1/2	3,667.13	1/2	1/2	3,300.97	1/2	1/2	2,934.80	1/2	1/2	2,568.63							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,684.93	3/4	3/4	4,365.37	3/4	3/4	4,022.37	3/4	3/4	3,659.51	3/4	3/4	3,293.34	3/4	3/4	2,927.17	3/4	3/4	2,561.00							
5		5	5		5	5		5	5	4,678.21	5	5	4,358.50	5	5	4,014.98	5	5	3,651.88	5	5	3,285.71	5	5	2,919.54	5	5	2,553.37							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,671.50	1/4	1/4	4,351.64	1/4	1/4	4,007.59	1/4	1/4	3,644.25	1/4	1/4	3,278.08	1/4	1/4	2,911.91	1/4	1/4	2,545.74							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,664.78	1/2	1/2	4,344.77	1/2	1/2	4,000.20	1/2	1/2	3,636.62	1/2	1/2	3,270.45	1/2	1/2	2,904.28	1/2	1/2	2,538.12							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,658.32	3/4	3/4	4,337.87	3/4	3/4	3,992.77	3/4	3/4	3,628.99	3/4	3/4	3,262.82	3/4	3/4	2,896.66	3/4	3/4	2,530.49							
6		6	6		6	6		6	6	4,651.85	6	6	4,330.96	6	6	3,985.34	6	6	3,621.36	6	6	3,255.20	6	6	2,889.03	6	6	2,522.86							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,645.39	1/4	1/4	4,324.06	1/4	1/4	3,977.91	1/4	1/4	3,613.73	1/4	1/4	3,247.57	1/4	1/4	2,881.40	1/4	1/4	2,515.23							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,638.92	1/2	1/2	4,317.15	1/2	1/2	3,970.49	1/2	1/2	3,606.11	1/2	1/2	3,239.94	1/2	1/2	2,873.77	1/2	1/2	2,507.60							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,632.42	3/4	3/4	4,310.19	3/4	3/4	3,963.02	3/4	3/4	3,598.48	3/4	3/4	3,232.31	3/4	3/4	2,866.14	3/4	3/4	2,499.97							
7		7	7		7	7		7	7	4,625.91	7	7	4,303.23	7	7	3,955.56	7	7	3,590.85	7	7	3,224.68	7	7	2,858.51	7	7	2,492.35							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,619.41	1/4	1/4	4,296.26	1/4	1/4	3,948.09	1/4	1/4	3,583.22	1/4	1/4	3,217.05	1/4	1/4	2,850.88	1/4	1/4	2,484.72							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,612.91	1/2	1/2	4,289.30	1/2	1/2	3,940.63	1/2	1/2	3,575.59	1/2	1/2	3,209.42	1/2	1/2	2,843.26	1/2	1/2	2,477.09							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,606.37	3/4	3/4	4,282.26	3/4	3/4	3,933.12	3/4	3/4	3,567.96	3/4	3/4	3,201.80	3/4	3/4	2,835.63	3/4	3/4	2,469.46							
8		8	8		8	8		8	8	4,599.83	8	8	4,275.22	8	8	3,925.62	8	8	3,560.34	8	8	3,194.17	8	8	2,828.00	8	8	2,461.83							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,593.29	1/4	1/4	4,268.17	1/4	1/4	3,918.12	1/4	1/4	3,552.71	1/4	1/4	3,186.54	1/4	1/4	2,820.37	1/4	1/4	2,454.20							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,586.75	1/2	1/2	4,261.13	1/2	1/2	3,910.62	1/2	1/2	3,545.08	1/2	1/2	3,178.91	1/2	1/2	2,812.74	1/2	1/2	2,446.57							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,580.17	3/4	3/4	4,254.03	3/4	3/4	3,903.08	3/4	3/4	3,537.45	3/4	3/4	3,171.28	3/4	3/4	2,805.11	3/4	3/4	2,438.95							
9		9	9		9	9		9	9	4,573.59	9	9	4,246.93	9	9	3,895.54	9	9	3,529.82	9	9	3,163.65	9	9	2,797.49	9	9	2,431.32							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,567.02	1/4	1/4	4,239.83	1/4	1/4	3,888.00	1/4	1/4	3,522.19	1/4	1/4	3,156.02	1/4	1/4	2,789.86	1/4	1/4	2,423.69							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,560.44	1/2	1/2	4,232.73	1/2	1/2	3,880.46	1/2	1/2	3,514.56	1/2	1/2	3,148.40	1/2	1/2	2,782.23	1/2	1/2	2,416.06							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,553.83	3/4	3/4	4,225.59	3/4	3/4	3,872.88	3/4	3/4	3,506.94	3/4	3/4	3,140.77	3/4	3/4	2,774.60	3/4	3/4	2,408.43							
10		10	10		10	10		10	10	4,547.21	10	10	4,218.45	10	10	3,865.30	10	10	3,499.31																



BARGE "KIRBY 27751"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,339.78	0	1,973.61	0	1,607.42	0	1,241.89	0	877.87	0	512.45	0	174.00	0		0		0	
1/4	2,332.15	1/4	1,965.98	1/4	1,599.79	1/4	1,234.26	1/4	870.30	1/4	505.04	1/4	167.33	1/4	1/4		1/4	1/4	
1/2	2,324.52	1/2	1,958.35	1/2	1,592.17	1/2	1,226.63	1/2	862.72	1/2	497.64	1/2	160.66	1/2	1/2		1/2	1/2	
3/4	2,316.89	3/4	1,950.72	3/4	1,584.54	3/4	1,219.00	3/4	855.14	3/4	490.70	3/4	154.08	3/4	3/4		3/4	3/4	
1	2,309.26	1	1,943.09	1	1,576.91	1	1,211.37	1	847.55	1	483.76	1	147.50	1	1		1	1	
1/4	2,301.63	1/4	1,935.46	1/4	1,569.28	1/4	1,203.74	1/4	839.96	1/4	476.83	1/4	140.92	1/4	1/4		1/4	1/4	
1/2	2,294.00	1/2	1,927.83	1/2	1,561.65	1/2	1,196.11	1/2	832.37	1/2	469.89	1/2	134.34	1/2	1/2		1/2	1/2	
3/4	2,286.38	3/4	1,920.20	3/4	1,554.02	3/4	1,188.50	3/4	824.76	3/4	463.02	3/4	128.07	3/4	3/4		3/4	3/4	
2	2,278.75	2	1,912.58	2	1,546.39	2	1,180.88	2	817.14	2	456.15	2	121.79	2	2		2	2	
1/4	2,271.12	1/4	1,904.95	1/4	1,538.76	1/4	1,173.27	1/4	809.53	1/4	449.27	1/4	115.52	1/4	1/4		1/4	1/4	
1/2	2,263.49	1/2	1,897.32	1/2	1,531.14	1/2	1,165.65	1/2	801.92	1/2	442.40	1/2	109.25	1/2	1/2		1/2	1/2	
3/4	2,255.86	3/4	1,889.69	3/4	1,523.51	3/4	1,158.07	3/4	794.29	3/4	435.17	3/4	103.51	3/4	3/4		3/4	3/4	
3	2,248.23	3	1,882.06	3	1,515.88	3	1,150.48	3	786.66	3	427.94	3	97.77	3	3		3	3	
1/4	2,240.60	1/4	1,874.43	1/4	1,508.25	1/4	1,142.89	1/4	779.03	1/4	420.71	1/4	92.03	1/4	1/4		1/4	1/4	
1/2	2,232.98	1/2	1,866.80	1/2	1,500.62	1/2	1,135.30	1/2	771.40	1/2	413.49	1/2	86.29	1/2	1/2		1/2	1/2	
3/4	2,225.35	3/4	1,859.17	3/4	1,492.99	3/4	1,127.73	3/4	763.77	3/4	406.13	3/4	80.64	3/4	3/4		3/4	3/4	
4	2,217.72	4	1,851.54	4	1,485.36	4	1,120.16	4	756.14	4	398.78	4	75.00	4	4		4	4	
1/4	2,210.09	1/4	1,843.92	1/4	1,477.73	1/4	1,112.59	1/4	748.51	1/4	391.43	1/4	69.36	1/4	1/4		1/4	1/4	
1/2	2,202.46	1/2	1,836.29	1/2	1,470.10	1/2	1,105.01	1/2	740.88	1/2	384.08	1/2	63.71	1/2	1/2		1/2	1/2	
3/4	2,194.83	3/4	1,828.66	3/4	1,462.49	3/4	1,097.44	3/4	733.25	3/4	376.81	3/4	57.74	3/4	3/4		3/4	3/4	
5	2,187.21	5	1,821.03	5	1,454.87	5	1,089.87	5	725.62	5	369.55	5	51.77	5	5		5	5	
1/4	2,179.58	1/4	1,813.40	1/4	1,447.26	1/4	1,082.30	1/4	717.99	1/4	362.29	1/4	45.79	1/4	1/4		1/4	1/4	
1/2	2,171.95	1/2	1,805.77	1/2	1,439.64	1/2	1,074.73	1/2	710.37	1/2	355.03	1/2	39.82	1/2	1/2		1/2	1/2	
3/4	2,164.32	3/4	1,798.14	3/4	1,432.04	3/4	1,067.16	3/4	702.74	3/4	347.85	3/4	34.32	3/4	3/4		3/4	3/4	
6	2,156.69	6	1,790.51	6	1,424.44	6	1,059.58	6	695.11	6	340.67	6	28.82	6	6		6	6	
1/4	2,149.06	1/4	1,782.89	1/4	1,416.84	1/4	1,052.01	1/4	687.48	1/4	333.48	1/4	23.32	1/4	1/4		1/4	1/4	
1/2	2,141.43	1/2	1,775.26	1/2	1,409.24	1/2	1,044.44	1/2	679.85	1/2	326.30	1/2	17.82	1/2	1/2		1/2	1/2	
3/4	2,133.81	3/4	1,767.63	3/4	1,401.64	3/4	1,036.87	3/4	672.22	3/4	319.19	3/4	14.26	3/4	3/4		3/4	3/4	
7	2,126.18	7	1,760.00	7	1,394.04	7	1,029.30	7	664.59	7	312.08	7	10.70	7	7		7	7	
1/4	2,118.55	1/4	1,752.37	1/4	1,386.44	1/4	1,021.73	1/4	656.96	1/4	304.96	1/4	7.14	1/4	1/4		1/4	1/4	
1/2	2,110.92	1/2	1,744.74	1/2	1,378.83	1/2	1,014.16	1/2	649.33	1/2	297.85	1/2	3.59	1/2	1/2		1/2	1/2	
3/4	2,103.29	3/4	1,737.11	3/4	1,371.23	3/4	1,006.59	3/4	641.70	3/4	290.82	3/4		3/4	3/4		3/4	3/4	
8	2,095.66	8	1,729.48	8	1,363.63	8	999.01	8	634.07	8	283.78	8		8	8		8	8	
1/4	2,088.03	1/4	1,721.86	1/4	1,356.03	1/4	991.44	1/4	626.44	1/4	276.75	1/4		1/4	1/4		1/4	1/4	
1/2	2,080.41	1/2	1,714.23	1/2	1,348.43	1/2	983.87	1/2	618.81	1/2	269.71	1/2		1/2	1/2		1/2	1/2	
3/4	2,072.78	3/4	1,706.60	3/4	1,340.83	3/4	976.30	3/4	611.19	3/4	262.76	3/4		3/4	3/4		3/4	3/4	
9	2,065.15	9	1,698.97	9	1,333.22	9	968.73	9	603.56	9	255.81	9		9	9		9	9	
1/4	2,057.52	1/4	1,691.34	1/4	1,325.62	1/4	961.16	1/4	595.93	1/4	248.86	1/4		1/4	1/4		1/4	1/4	
1/2	2,049.89	1/2	1,683.71	1/2	1,318.02	1/2	953.59	1/2	588.30	1/2	241.91	1/2		1/2	1/2		1/2	1/2	
3/4	2,042.26	3/4	1,676.08	3/4	1,310.42	3/4	946.02	3/4	580.67	3/4	235.04	3/4		3/4	3/4		3/4	3/4	
10	2,034.64	10	1,668.45	10	1,302.82	10	938.44	10	573.04	10	228.18	10		10	10		10	10	
1/4	2,027.01	1/4	1,660.82	1/4	1,295.21	1/4	930.87	1/4	565.41	1/4	221.31	1/4		1/4	1/4		1/4	1/4	
1/2	2,019.38	1/2	1,653.20	1/2	1,287.61	1/2	923.30	1/2	557.78	1/2	214.45	1/2		1/2	1/2		1/2	1/2	
3/4	2,011.75	3/4	1,645.57	3/4	1,280.00	3/4	915.73	3/4	550.15	3/4	207.67	3/4		3/4	3/4		3/4	3/4	
11	2,004.12	11	1,637.94	11	1,272.38	11	908.16	11	542.52	11	200.90	11		11	11		11	11	
1/4	1,996.49	1/4	1,630.31	1/4	1,264.77	1/4	900.59	1/4	534.89	1/4	194.13	1/4		1/4	1/4		1/4	1/4	
1/2	1,988.86	1/2	1,622.68	1/2	1,257.15	1/2	893.02	1/2	527.26	1/2	187.35	1/2		1/2	1/2		1/2	1/2	
3/4	1,981.24	3/4	1,615.05	3/4	1,249.52	3/4	885.44	3/4	519.86	3/4	180.68	3/4		3/4	3/4		3/4	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

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



BARGE "KIRBY 27751"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	4,488.71	0	4,155.23	0	3,798.21	0	3,432.04	0	3,065.88	0	2,699.71		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,809.46	1/4	4,482.02	1/4	4,148.02	1/4	3,790.58	1/4	3,424.42	1/4	3,058.25	1/4	2,692.08
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,802.63	1/2	4,475.30	1/2	4,140.77	1/2	3,782.96	1/2	3,416.79	1/2	3,050.62	1/2	2,684.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,795.80	3/4	4,468.58	3/4	4,133.52	3/4	3,775.33	3/4	3,409.16	3/4	3,042.99	3/4	2,676.82
1	1	1	1	1	1	1	1	1	4,461.86	1	4,126.27	1	3,767.70	1	3,401.53	1	3,035.36	1	2,669.19		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,782.14	1/4	4,455.14	1/4	4,119.02	1/4	3,760.07	1/4	3,393.90	1/4	3,027.73	1/4	2,661.57
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,774.67	1/2	4,448.38	1/2	4,111.73	1/2	3,752.44	1/2	3,386.27	1/2	3,020.11	1/2	2,653.94
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,767.21	3/4	4,441.63	3/4	4,104.44	3/4	3,744.81	3/4	3,378.64	3/4	3,012.48	3/4	2,646.31
2	2	2	2	2	2	2	2	2	4,434.87	2	4,097.15	2	3,737.18	2	3,371.02	2	3,004.85	2	2,638.68		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,752.28	1/4	4,428.12	1/4	4,089.87	1/4	3,729.56	1/4	3,363.39	1/4	2,997.22	1/4	2,631.05
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,744.73	1/2	4,421.33	1/2	4,082.54	1/2	3,721.93	1/2	3,355.76	1/2	2,989.59	1/2	2,623.42
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,737.19	3/4	4,414.53	3/4	4,075.22	3/4	3,714.30	3/4	3,348.13	3/4	2,981.96	3/4	2,615.79
3	3	3	3	3	3	3	3	3	4,407.74	3	4,067.90	3	3,706.67	3	3,340.50	3	2,974.33	3	2,608.17		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,722.10	1/4	4,400.95	1/4	4,060.58	1/4	3,699.04	1/4	3,332.87	1/4	2,966.71	1/4	2,600.54
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,714.83	1/2	4,394.12	1/2	4,053.22	1/2	3,691.41	1/2	3,325.25	1/2	2,959.08	1/2	2,592.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,707.57	3/4	4,387.29	3/4	4,045.86	3/4	3,683.78	3/4	3,317.62	3/4	2,951.45	3/4	2,585.28
4	4	4	4	4	4	4	4	4	4,380.46	4	4,038.51	4	3,676.16	4	3,309.99	4	2,943.82	4	2,577.65		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,693.04	1/4	4,373.63	1/4	4,031.15	1/4	3,668.53	1/4	3,302.36	1/4	2,936.19	1/4	2,570.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,686.32	1/2	4,366.76	1/2	4,023.76	1/2	3,660.90	1/2	3,294.73	1/2	2,928.56	1/2	2,562.40
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,679.61	3/4	4,359.90	3/4	4,016.37	3/4	3,653.27	3/4	3,287.10	3/4	2,920.93	3/4	2,554.77
5	5	5	5	5	5	5	5	5	4,672.89	5	4,353.03	5	4,008.98	5	3,645.64	5	3,279.47	5	2,913.31	5	2,547.14
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,666.18	1/4	4,346.16	1/4	4,001.59	1/4	3,638.01	1/4	3,271.85	1/4	2,905.68	1/4	2,539.51
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,659.71	1/2	4,339.26	1/2	3,994.16	1/2	3,630.39	1/2	3,264.22	1/2	2,898.05	1/2	2,531.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,653.24	3/4	4,332.36	3/4	3,986.74	3/4	3,622.76	3/4	3,256.59	3/4	2,890.42	3/4	2,524.25
6	6	6	6	6	6	6	6	6	4,646.78	6	4,325.45	6	3,979.31	6	3,615.13	6	3,248.96	6	2,882.79	6	2,516.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,640.31	1/4	4,318.55	1/4	3,971.88	1/4	3,607.50	1/4	3,241.33	1/4	2,875.16	1/4	2,509.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,633.81	1/2	4,311.58	1/2	3,964.42	1/2	3,599.87	1/2	3,233.70	1/2	2,867.54	1/2	2,501.37
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,627.31	3/4	4,304.62	3/4	3,956.95	3/4	3,592.24	3/4	3,226.07	3/4	2,859.91	3/4	2,493.74
7	7	7	7	7	7	7	7	7	4,620.81	7	4,297.66	7	3,949.49	7	3,584.61	7	3,218.45	7	2,852.28	7	2,486.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,614.30	1/4	4,290.70	1/4	3,942.02	1/4	3,576.99	1/4	3,210.82	1/4	2,844.65	1/4	2,478.48
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,607.76	1/2	4,283.65	1/2	3,934.52	1/2	3,569.36	1/2	3,203.19	1/2	2,837.02	1/2	2,470.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,601.22	3/4	4,276.61	3/4	3,927.02	3/4	3,561.73	3/4	3,195.56	3/4	2,829.39	3/4	2,463.22
8	8	8	8	8	8	8	8	8	4,594.68	8	4,269.57	8	3,919.51	8	3,554.10	8	3,187.93	8	2,821.76	8	2,455.60
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,588.14	1/4	4,262.53	1/4	3,912.01	1/4	3,546.47	1/4	3,180.30	1/4	2,814.14	1/4	2,447.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,581.57	1/2	4,255.43	1/2	3,904.47	1/2	3,538.84	1/2	3,172.68	1/2	2,806.51	1/2	2,440.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,574.99	3/4	4,248.32	3/4	3,896.93	3/4	3,531.21	3/4	3,165.05	3/4	2,798.88	3/4	2,432.71
9	9	9	9	9	9	9	9	9	4,568.41	9	4,241.22	9	3,889.39	9	3,523.59	9	3,157.42	9	2,791.25	9	2,425.08
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,561.83	1/4	4,234.12	1/4	3,881.85	1/4	3,515.96	1/4	3,149.79	1/4	2,783.62	1/4	2,417.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,555.22	1/2	4,226.98	1/2	3,874.27	1/2	3,508.33	1/2	3,142.16	1/2	2,775.99	1/2	2,409.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,548.60	3/4	4,219.85	3/4	3,866.70	3/4	3,500.70	3/4	3,134.53	3/4	2,768.36	3/4	2,402.20
10	10	10	10	10	10	10	10	10	4,541.99	10	4,212.71	10	3,859.12	10	3,493.07	10	3,126.90	10	2,760.74	10	2,394.57
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,535.37	1/4	4,205.57	1/4	3,851.54	1/4	3,485.44	1/4	3,119.28	1/4	2,753.11	1/4	2,386.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,528.72	1/2	4,198.39	1/2	3,843.93	1/2	3,477.82	1/2	3,111.65	1/2	2,745.48	1/2	2,379.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,522.07	3/4	4,191.22	3/4	3,836.33	3/4	3,470.19	3/4	3,104.02	3/4	2,737.85	3/4	2,371.68
11	11	11	11	11	11	11	11	11	4,515.42	11	4,184.04	11	3,828.72	11	3,462.56	11	3,096.39	11	2,730.22	11	2,364.05
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,508.77	1/4	4,176.87	1/4	3,821.11	1/4	3,454.93	1/4	3,088.76	1/4	2,722.59	1/4	2,356.43
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,502.08	1/2	4,169.66	1/2	3,813.48	1/2	3,447.30	1/2	3,081.13	1/2	2,714.97	1/2	2,348.80
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,495.39	3/4	4,162.44	3/4	3,805.85	3/4	3,439.67	3/4	3,073.50	3/4	2,707.34	3/4	2,341.17

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27751"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,333.54	0	1,967.37	0	1,601.19	0	1,235.66	0	870.50	0	505.04	0	167.33						
1/4	2,325.91	1/4	1,959.74	1/4	1,593.56	1/4	1,228.03	1/4	862.90	1/4	497.64	1/4	160.66	1/4		1/4		1/4	
1/2	2,318.28	1/2	1,952.11	1/2	1,585.93	1/2	1,220.40	1/2	855.28	1/2	490.70	1/2	154.08	1/2		1/2		1/2	
3/4	2,310.65	3/4	1,944.48	3/4	1,578.30	3/4	1,212.77	3/4	847.66	3/4	483.76	3/4	147.50	3/4		3/4		3/4	
1	2,303.03	1	1,936.86	1	1,570.67	1	1,205.14	1	840.05	1	476.83	1	140.92	1		1		1	
1/4	2,295.40	1/4	1,929.23	1/4	1,563.04	1/4	1,197.51	1/4	832.43	1/4	469.89	1/4	134.34	1/4		1/4		1/4	
1/2	2,287.77	1/2	1,921.60	1/2	1,555.42	1/2	1,189.88	1/2	824.80	1/2	463.02	1/2	128.07	1/2		1/2		1/2	
3/4	2,280.14	3/4	1,913.97	3/4	1,547.79	3/4	1,182.25	3/4	817.17	3/4	456.15	3/4	121.79	3/4		3/4		3/4	
2	2,272.51	2	1,906.34	2	1,540.16	2	1,174.62	2	809.54	2	449.27	2	115.52	2		2		2	
1/4	2,264.88	1/4	1,898.71	1/4	1,532.53	1/4	1,166.99	1/4	801.92	1/4	442.40	1/4	109.25	1/4		1/4		1/4	
1/2	2,257.26	1/2	1,891.08	1/2	1,524.90	1/2	1,159.37	1/2	794.29	1/2	435.17	1/2	103.51	1/2		1/2		1/2	
3/4	2,249.63	3/4	1,883.45	3/4	1,517.27	3/4	1,151.76	3/4	786.66	3/4	427.94	3/4	97.77	3/4		3/4		3/4	
3	2,242.00	3	1,875.82	3	1,509.64	3	1,144.14	3	779.03	3	420.71	3	92.03	3		3		3	
1/4	2,234.37	1/4	1,868.20	1/4	1,502.01	1/4	1,136.52	1/4	771.40	1/4	413.49	1/4	86.29	1/4		1/4		1/4	
1/2	2,226.74	1/2	1,860.57	1/2	1,494.38	1/2	1,128.92	1/2	763.77	1/2	406.13	1/2	80.64	1/2		1/2		1/2	
3/4	2,219.11	3/4	1,852.94	3/4	1,486.76	3/4	1,121.32	3/4	756.14	3/4	398.78	3/4	75.00	3/4		3/4		3/4	
4	2,211.48	4	1,845.31	4	1,479.13	4	1,113.72	4	748.51	4	391.43	4	69.36	4		4		4	
1/4	2,203.86	1/4	1,837.68	1/4	1,471.50	1/4	1,106.12	1/4	740.88	1/4	384.08	1/4	63.71	1/4		1/4		1/4	
1/2	2,196.23	1/2	1,830.05	1/2	1,463.88	1/2	1,098.51	1/2	733.25	1/2	376.81	1/2	57.74	1/2		1/2		1/2	
3/4	2,188.60	3/4	1,822.42	3/4	1,456.27	3/4	1,090.91	3/4	725.62	3/4	369.55	3/4	51.77	3/4		3/4		3/4	
5	2,180.97	5	1,814.79	5	1,448.65	5	1,083.31	5	717.99	5	362.29	5	45.79	5		5		5	
1/4	2,173.34	1/4	1,807.17	1/4	1,441.04	1/4	1,075.71	1/4	710.37	1/4	355.03	1/4	39.82	1/4		1/4		1/4	
1/2	2,165.71	1/2	1,799.54	1/2	1,433.44	1/2	1,068.11	1/2	702.74	1/2	347.85	1/2	34.32	1/2		1/2		1/2	
3/4	2,158.08	3/4	1,791.91	3/4	1,425.84	3/4	1,060.51	3/4	695.11	3/4	340.67	3/4	28.82	3/4		3/4		3/4	
6	2,150.46	6	1,784.28	6	1,418.23	6	1,052.91	6	687.48	6	333.48	6	23.32	6		6		6	
1/4	2,142.83	1/4	1,776.65	1/4	1,410.63	1/4	1,045.31	1/4	679.85	1/4	326.30	1/4	17.82	1/4		1/4		1/4	
1/2	2,135.20	1/2	1,769.02	1/2	1,403.03	1/2	1,037.71	1/2	672.22	1/2	319.19	1/2	14.26	1/2		1/2		1/2	
3/4	2,127.57	3/4	1,761.39	3/4	1,395.43	3/4	1,030.11	3/4	664.59	3/4	312.08	3/4	10.70	3/4		3/4		3/4	
7	2,119.94	7	1,753.76	7	1,387.83	7	1,022.51	7	656.96	7	304.96	7	7.14	7		7		7	
1/4	2,112.31	1/4	1,746.14	1/4	1,380.23	1/4	1,014.91	1/4	649.33	1/4	297.85	1/4	3.59	1/4		1/4		1/4	
1/2	2,104.69	1/2	1,738.51	1/2	1,372.63	1/2	1,007.31	1/2	641.70	1/2	290.82	1/2		1/2		1/2		1/2	
3/4	2,097.06	3/4	1,730.88	3/4	1,365.02	3/4	999.71	3/4	634.07	3/4	283.78	3/4		3/4		3/4		3/4	
8	2,089.43	8	1,723.25	8	1,357.42	8	992.11	8	626.44	8	276.75	8		8		8		8	
1/4	2,081.80	1/4	1,715.62	1/4	1,349.82	1/4	984.51	1/4	618.81	1/4	269.71	1/4		1/4		1/4		1/4	
1/2	2,074.17	1/2	1,707.99	1/2	1,342.22	1/2	976.91	1/2	611.19	1/2	262.76	1/2		1/2		1/2		1/2	
3/4	2,066.54	3/4	1,700.36	3/4	1,334.62	3/4	969.31	3/4	603.56	3/4	255.81	3/4		3/4		3/4		3/4	
9	2,058.91	9	1,692.73	9	1,327.02	9	961.71	9	595.93	9	248.86	9		9		9		9	
1/4	2,051.29	1/4	1,685.10	1/4	1,319.41	1/4	954.11	1/4	588.30	1/4	241.91	1/4		1/4		1/4		1/4	
1/2	2,043.66	1/2	1,677.48	1/2	1,311.81	1/2	946.51	1/2	580.67	1/2	235.04	1/2		1/2		1/2		1/2	
3/4	2,036.03	3/4	1,669.85	3/4	1,304.21	3/4	938.91	3/4	573.04	3/4	228.18	3/4		3/4		3/4		3/4	
10	2,028.40	10	1,662.22	10	1,296.61	10	931.31	10	565.41	10	221.31	10		10		10		10	
1/4	2,020.77	1/4	1,654.59	1/4	1,289.01	1/4	923.71	1/4	557.78	1/4	214.45	1/4		1/4		1/4		1/4	
1/2	2,013.14	1/2	1,646.96	1/2	1,281.39	1/2	916.11	1/2	550.15	1/2	207.67	1/2		1/2		1/2		1/2	
3/4	2,005.51	3/4	1,639.33	3/4	1,273.77	3/4	908.51	3/4	542.52	3/4	200.90	3/4		3/4		3/4		3/4	
11	1,997.89	11	1,631.70	11	1,266.16	11	900.91	11	534.89	11	194.13	11		11		11		11	
1/4	1,990.26	1/4	1,624.07	1/4	1,258.54	1/4	893.31	1/4	527.26	1/4	187.35	1/4		1/4		1/4		1/4	
1/2	1,982.63	1/2	1,616.45	1/2	1,250.91	1/2	885.70	1/2	519.86	1/2	180.68	1/2		1/2		1/2		1/2	
3/4	1,975.00	3/4	1,608.82	3/4	1,243.28	3/4	878.10	3/4	512.45	3/4	174.00	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 27751"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.			
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	
0		0	0		0	0		0	0		0	4,524.96	0	4,195.44	0	3,842.22	0	3,478.65	0	3,115.09	0	2,751.53	1/4	2,743.95	1/2	2,736.38	3/4	2,728.81	1	2,721.23
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,518.32	1/4	4,188.28	1/4	3,834.64	1/4	3,471.08	1/4	3,107.52	1/4	2,743.95	1/4	2,736.38	1/2	2,736.38	3/4	2,728.81	1	2,721.23
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,511.68	1/2	4,181.12	1/2	3,827.07	1/2	3,463.50	1/2	3,099.94	1/2	2,736.38	1/2	2,736.38	3/4	2,728.81	1	2,721.23	1	2,721.23
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,505.04	3/4	4,173.96	3/4	3,819.49	3/4	3,455.93	3/4	3,092.37	3/4	2,728.81	3/4	2,728.81	1	2,721.23	1	2,721.23	1	2,721.23
1		1	1		1	1		1	1		1	4,823.48	1	4,498.40	1	4,166.80	1	3,811.92	1	3,448.35	1	3,084.79	1	2,721.23	1	2,721.23	1	2,721.23	1	2,721.23
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,816.70	1/4	4,491.73	1/4	4,159.60	1/4	3,804.34	1/4	3,440.78	1/4	3,077.22	1/4	2,713.66	1/2	2,706.08	3/4	2,698.51	1	2,690.93
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,809.92	1/2	4,485.06	1/2	4,152.40	1/2	3,796.77	1/2	3,433.21	1/2	3,069.64	1/2	2,706.08	1/2	2,706.08	3/4	2,698.51	1	2,690.93
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,803.14	3/4	4,478.39	3/4	4,145.20	3/4	3,789.19	3/4	3,425.63	3/4	3,062.07	3/4	2,698.51	1/2	2,706.08	3/4	2,698.51	1	2,690.93
2		2	2		2	2		2	2		2	4,796.36	2	4,471.72	2	4,138.00	2	3,781.62	2	3,418.06	2	3,054.50	2	2,690.93	1/2	2,706.08	3/4	2,698.51	1	2,690.93
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,788.95	1/4	4,465.01	1/4	4,130.77	1/4	3,774.05	1/4	3,410.48	1/4	3,046.92	1/4	2,683.36	1/2	2,675.79	3/4	2,668.21	1	2,660.64
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,781.54	1/2	4,458.31	1/2	4,123.53	1/2	3,766.47	1/2	3,402.91	1/2	3,039.35	1/2	2,675.79	1/2	2,675.79	3/4	2,668.21	1	2,660.64
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,774.13	3/4	4,451.60	3/4	4,116.30	3/4	3,758.90	3/4	3,395.34	3/4	3,031.77	3/4	2,668.21	1/2	2,675.79	3/4	2,668.21	1	2,660.64
3		3	3		3	3		3	3		3	4,766.72	3	4,444.89	3	4,109.06	3	3,751.32	3	3,387.76	3	3,024.20	3	2,660.64	1/2	2,675.79	3/4	2,668.21	1	2,660.64
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,759.23	1/4	4,438.15	1/4	4,101.79	1/4	3,743.75	1/4	3,380.19	1/4	3,016.63	1/4	2,653.06	1/2	2,645.49	3/4	2,637.92	1	2,630.34
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,751.74	1/2	4,431.41	1/2	4,094.52	1/2	3,736.17	1/2	3,372.61	1/2	3,009.05	1/2	2,645.49	1/2	2,645.49	3/4	2,637.92	1	2,630.34
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,744.25	3/4	4,424.66	3/4	4,087.25	3/4	3,728.60	3/4	3,365.04	3/4	3,001.48	3/4	2,637.92	1/2	2,645.49	3/4	2,637.92	1	2,630.34
4		4	4		4	4		4	4		4	4,736.76	4	4,417.92	4	4,079.98	4	3,721.03	4	3,357.46	4	2,993.90	4	2,630.34	1/2	2,645.49	3/4	2,637.92	1	2,630.34
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,729.54	1/4	4,411.14	1/4	4,072.68	1/4	3,713.45	1/4	3,349.89	1/4	2,986.33	1/4	2,622.77	1/2	2,615.19	3/4	2,607.62	1	2,600.04
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,722.33	1/2	4,404.36	1/2	4,065.37	1/2	3,705.88	1/2	3,342.32	1/2	2,978.75	1/2	2,615.19	1/2	2,615.19	3/4	2,607.62	1	2,600.04
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,715.12	3/4	4,397.58	3/4	4,058.07	3/4	3,698.30	3/4	3,334.74	3/4	2,971.18	3/4	2,607.62	1/2	2,615.19	3/4	2,607.62	1	2,600.04
5		5	5		5	5		5	5		5	4,707.91	5	4,390.80	5	4,050.77	5	3,690.73	5	3,327.17	5	2,963.61	5	2,600.04	1/2	2,615.19	3/4	2,607.62	1	2,600.04
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,701.24	1/4	4,383.98	1/4	4,043.43	1/4	3,683.15	1/4	3,319.59	1/4	2,956.03	1/4	2,592.47	1/2	2,584.90	3/4	2,577.32	1	2,569.75
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,694.57	1/2	4,377.16	1/2	4,036.09	1/2	3,675.58	1/2	3,312.02	1/2	2,948.46	1/2	2,584.90	1/2	2,584.90	3/4	2,577.32	1	2,569.75
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,687.90	3/4	4,370.35	3/4	4,028.75	3/4	3,668.01	3/4	3,304.44	3/4	2,940.88	3/4	2,577.32	1/2	2,584.90	3/4	2,577.32	1	2,569.75
6		6	6		6	6		6	6		6	4,681.23	6	4,363.53	6	4,021.42	6	3,660.43	6	3,296.87	6	2,933.31	6	2,569.75	1/2	2,584.90	3/4	2,577.32	1	2,569.75
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,674.82	1/4	4,356.68	1/4	4,014.04	1/4	3,652.86	1/4	3,289.30	1/4	2,925.73	1/4	2,562.17	1/2	2,554.60	3/4	2,547.02	1	2,532.59
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,668.40	1/2	4,349.82	1/2	4,006.67	1/2	3,645.28	1/2	3,281.72	1/2	2,918.16	1/2	2,554.60	1/2	2,554.60	3/4	2,547.02	1	2,532.59
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,661.98	3/4	4,342.97	3/4	3,999.29	3/4	3,637.71	3/4	3,274.15	3/4	2,910.59	3/4	2,547.02	1/2	2,554.60	3/4	2,547.02	1	2,532.59
7		7	7		7	7		7	7		7	4,655.56	7	4,336.11	7	3,991.92	7	3,630.14	7	3,266.57	7	2,903.01	7	2,539.45	1/2	2,554.60	3/4	2,547.02	1	2,532.59
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,649.10	1/4	4,329.20	1/4	3,984.50	1/4	3,622.56	1/4	3,259.00	1/4	2,895.44	1/4	2,531.88	1/2	2,524.30	3/4	2,516.73	1	2,500.15
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,642.65	1/2	4,322.29	1/2	3,977.09	1/2	3,614.99	1/2	3,251.43	1/2	2,887.86	1/2	2,524.30	1/2	2,524.30	3/4	2,516.73	1	2,500.15
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,636.19	3/4	4,315.37	3/4	3,969.68	3/4	3,607.41	3/4	3,243.85	3/4	2,880.29	3/4	2,516.73	1/2	2,524.30	3/4	2,516.73	1	2,500.15
8		8	8		8	8		8	8		8	4,629.74	8	4,308.46	8	3,962.27	8	3,599.84	8	3,236.28	8	2,872.72	8	2,509.15	1/2	2,524.30	3/4	2,516.73	1	2,500.15
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,623.24	1/4	4,301.47	1/4	3,954.82	1/4	3,592.26	1/4	3,228.70	1/4	2,865.14	1/4	2,501.58	1/2	2,494.01	3/4	2,486.43	1	2,469.86
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,616.75	1/2	4,294.48	1/2	3,947.37	1/2	3,584.69	1/2	3,221.13	1/2	2,857.57	1/2	2,494.01	1/2	2,494.01	3/4	2,486.43	1	2,469.86
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,610.26	3/4	4,287.48	3/4	3,939.92	3/4	3,577.12	3/4	3,213.55	3/4	2,849.99	3/4	2,486.43	1/2	2,494.01	3/4	2,486.43	1	2,469.86
9		9	9		9	9		9	9		9	4,603.76	9	4,280.49	9	3,932.47	9	3,569.54	9	3,205.98	9	2,842.42	9	2,478.86	1/2	2,494.01	3/4	2,486.43	1	2,469.86
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,597.24	1/4	4,273.44	1/4	3,924.99	1/4	3,561.97	1/4	3,198.41	1/4	2,834.84	1/4	2,471.28	1/2	2,463.71	3/4	2,456.13	1	2,431.56
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,590.71	1/2	4,266.39	1/2	3,917.50	1/2	3,554.39	1/2	3,190.83	1/2	2,827.27	1/2	2,463.71	1/2	2,463.71	3/4	2,456.13	1	2,431.56
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,584.18	3/4	4,259.34	3/4	3,910.01	3/4	3,546.82	3/4	3,183.26	3/4	2,819.70	3/4	2,456.13	1/2	2,463.71	3/4	2,456.13	1	2,431.56
10		10	10		10	10		10	10		10	4,577.65	10	4,252.29	10	3,902.53	10	3,539.24	10	3,175.68	10									



BARGE "KIRBY 27751"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-08"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,387.97	0	2,024.40	0	1,660.83	0	1,301.13	0	949.95	0	590.72	0	234.69	0		0		0	
1/4	2,380.39	1/4	2,016.83	1/4	1,653.25	1/4	1,293.56	1/4	942.70	1/4	583.37	1/4	227.14	1/4	1/4	1/4		1/4	
1/2	2,372.82	1/2	2,009.26	1/2	1,645.68	1/2	1,285.98	1/2	935.45	1/2	576.02	1/2	219.59	1/2	1/2	1/2		1/2	
3/4	2,365.24	3/4	2,001.68	3/4	1,638.11	3/4	1,278.41	3/4	928.21	3/4	568.67	3/4	212.03	3/4	3/4	3/4		3/4	
1	2,357.67	1	1,994.11	1	1,630.53	1	1,270.83	1	920.96	1	561.32	1	204.48	1	1	1		1	
1/4	2,350.10	1/4	1,986.53	1/4	1,622.96	1/4	1,263.26	1/4	913.70	1/4	554.41	1/4	196.94	1/4	1/4	1/4		1/4	
1/2	2,342.52	1/2	1,978.96	1/2	1,615.38	1/2	1,255.68	1/2	906.44	1/2	547.51	1/2	189.40	1/2	1/2	1/2		1/2	
3/4	2,334.95	3/4	1,971.38	3/4	1,607.81	3/4	1,248.11	3/4	899.17	3/4	540.61	3/4	181.85	3/4	3/4	3/4		3/4	
2	2,327.37	2	1,963.81	2	1,600.23	2	1,240.53	2	891.91	2	533.70	2	174.31	2	2	2		2	
1/4	2,319.80	1/4	1,956.23	1/4	1,592.66	1/4	1,233.11	1/4	884.64	1/4	526.80	1/4	166.99	1/4	1/4	1/4		1/4	
1/2	2,312.22	1/2	1,948.66	1/2	1,585.08	1/2	1,225.68	1/2	877.37	1/2	519.90	1/2	159.67	1/2	1/2	1/2		1/2	
3/4	2,304.65	3/4	1,941.09	3/4	1,577.51	3/4	1,218.26	3/4	870.09	3/4	512.99	3/4	152.36	3/4	3/4	3/4		3/4	
3	2,297.08	3	1,933.51	3	1,569.94	3	1,210.83	3	862.82	3	506.09	3	145.04	3	3	3		3	
1/4	2,289.50	1/4	1,925.94	1/4	1,562.36	1/4	1,203.57	1/4	855.40	1/4	498.75	1/4	138.16	1/4	1/4	1/4		1/4	
1/2	2,281.93	1/2	1,918.36	1/2	1,554.79	1/2	1,196.31	1/2	847.97	1/2	491.40	1/2	131.29	1/2	1/2	1/2		1/2	
3/4	2,274.35	3/4	1,910.79	3/4	1,547.21	3/4	1,189.05	3/4	840.55	3/4	484.06	3/4	124.42	3/4	3/4	3/4		3/4	
4	2,266.78	4	1,903.21	4	1,539.64	4	1,181.79	4	833.12	4	476.71	4	117.54	4	4	4		4	
1/4	2,259.21	1/4	1,895.64	1/4	1,532.14	1/4	1,174.54	1/4	825.55	1/4	469.16	1/4	110.68	1/4	1/4	1/4		1/4	
1/2	2,251.63	1/2	1,888.06	1/2	1,524.65	1/2	1,167.29	1/2	817.97	1/2	461.61	1/2	103.82	1/2	1/2	1/2		1/2	
3/4	2,244.06	3/4	1,880.49	3/4	1,517.16	3/4	1,160.05	3/4	810.40	3/4	454.06	3/4	96.96	3/4	3/4	3/4		3/4	
5	2,236.48	5	1,872.92	5	1,509.66	5	1,152.80	5	802.82	5	446.50	5	90.10	5	5	5		5	
1/4	2,228.91	1/4	1,865.34	1/4	1,502.25	1/4	1,145.55	1/4	795.25	1/4	438.96	1/4	82.82	1/4	1/4	1/4		1/4	
1/2	2,221.33	1/2	1,857.77	1/2	1,494.84	1/2	1,138.31	1/2	787.67	1/2	431.41	1/2	75.55	1/2	1/2	1/2		1/2	
3/4	2,213.76	3/4	1,850.19	3/4	1,487.43	3/4	1,131.07	3/4	780.10	3/4	423.87	3/4	68.27	3/4	3/4	3/4		3/4	
6	2,206.19	6	1,842.62	6	1,480.01	6	1,123.82	6	772.52	6	416.32	6	61.00	6	6	6		6	
1/4	2,198.61	1/4	1,835.04	1/4	1,472.60	1/4	1,116.58	1/4	764.95	1/4	408.77	1/4	54.11	1/4	1/4	1/4		1/4	
1/2	2,191.04	1/2	1,827.47	1/2	1,465.19	1/2	1,109.33	1/2	757.37	1/2	401.22	1/2	47.21	1/2	1/2	1/2		1/2	
3/4	2,183.46	3/4	1,819.89	3/4	1,457.78	3/4	1,102.09	3/4	749.80	3/4	393.67	3/4	40.32	3/4	3/4	3/4		3/4	
7	2,175.89	7	1,812.32	7	1,450.36	7	1,094.84	7	742.22	7	386.11	7	33.43	7	7	7		7	
1/4	2,168.31	1/4	1,804.74	1/4	1,442.95	1/4	1,087.60	1/4	734.65	1/4	378.55	1/4	28.38	1/4	1/4	1/4		1/4	
1/2	2,160.74	1/2	1,797.17	1/2	1,435.54	1/2	1,080.35	1/2	727.07	1/2	370.98	1/2	23.33	1/2	1/2	1/2		1/2	
3/4	2,153.17	3/4	1,789.60	3/4	1,428.13	3/4	1,073.11	3/4	719.50	3/4	363.41	3/4	18.29	3/4	3/4	3/4		3/4	
8	2,145.59	8	1,782.02	8	1,420.71	8	1,065.86	8	711.92	8	355.85	8	13.24	8	8	8		8	
1/4	2,138.02	1/4	1,774.45	1/4	1,413.30	1/4	1,058.62	1/4	704.35	1/4	348.27	1/4		1/4	1/4	1/4		1/4	
1/2	2,130.44	1/2	1,766.87	1/2	1,405.89	1/2	1,051.37	1/2	696.78	1/2	340.70	1/2		1/2	1/2	1/2		1/2	
3/4	2,122.87	3/4	1,759.30	3/4	1,398.47	3/4	1,044.13	3/4	689.20	3/4	333.12	3/4		3/4	3/4	3/4		3/4	
9	2,115.30	9	1,751.72	9	1,391.06	9	1,036.88	9	681.63	9	325.55	9		9	9	9		9	
1/4	2,107.72	1/4	1,744.15	1/4	1,383.65	1/4	1,029.64	1/4	674.05	1/4	317.98	1/4		1/4	1/4	1/4		1/4	
1/2	2,100.15	1/2	1,736.57	1/2	1,376.23	1/2	1,022.39	1/2	666.48	1/2	310.40	1/2		1/2	1/2	1/2		1/2	
3/4	2,092.57	3/4	1,729.00	3/4	1,368.82	3/4	1,015.15	3/4	658.90	3/4	302.83	3/4		3/4	3/4	3/4		3/4	
10	2,085.00	10	1,721.43	10	1,361.41	10	1,007.90	10	651.32	10	295.25	10		10	10	10		10	
1/4	2,077.42	1/4	1,713.85	1/4	1,353.91	1/4	1,000.66	1/4	643.75	1/4	287.68	1/4		1/4	1/4	1/4		1/4	
1/2	2,069.85	1/2	1,706.28	1/2	1,346.42	1/2	993.41	1/2	636.17	1/2	280.11	1/2		1/2	1/2	1/2		1/2	
3/4	2,062.28	3/4	1,698.70	3/4	1,338.93	3/4	986.17	3/4	628.60	3/4	272.53	3/4		3/4	3/4	3/4		3/4	
11	2,054.70	11	1,691.13	11	1,331.43	11	978.92	11	621.02	11	264.96	11		11	11	11		11	
1/4	2,047.13	1/4	1,683.55	1/4	1,323.86	1/4	971.68	1/4	613.45	1/4	257.39	1/4		1/4	1/4	1/4		1/4	
1/2	2,039.55	1/2	1,675.98	1/2	1,316.28	1/2	964.43	1/2	605.87	1/2	249.82	1/2		1/2	1/2	1/2		1/2	
3/4	2,031.98	3/4	1,668.40	3/4	1,308.71	3/4	957.19	3/4	598.30	3/4	242.26	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

PRECISION MEASUREMENT
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BARGE "KIRBY 27751"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0		
									4,540.62		4,211.10		3,857.88		3,494.33		3,130.76		2,767.20		
1/4		1/4		1/4		1/4		1/4	4,533.98	1/4	4,203.94	1/4	3,850.31	1/4	3,486.76	1/4	3,123.19	1/4	2,759.62		
1/2		1/2		1/2		1/2		1/2	4,527.34	1/2	4,196.78	1/2	3,842.74	1/2	3,479.18	1/2	3,115.62	1/2	2,752.05		
3/4		3/4		3/4		3/4		3/4	4,520.70	3/4	4,189.62	3/4	3,835.17	3/4	3,471.61	3/4	3,108.04	3/4	2,744.47		
1	1	1	1	1	1	1	1	1	4,839.14	1	4,514.07	1	4,182.46	1	3,827.60	1	3,464.03	1	3,107.47	1	2,736.90
1/4		1/4		1/4		1/4		1/4	4,832.36	1/4	4,507.39	1/4	4,175.26	1/4	3,820.03	1/4	3,456.46	1/4	3,092.89	1/4	2,729.33
1/2		1/2		1/2		1/2		1/2	4,825.58	1/2	4,500.72	1/2	4,168.06	1/2	3,812.45	1/2	3,448.88	1/2	3,085.32	1/2	2,721.75
3/4		3/4		3/4		3/4		3/4	4,818.80	3/4	4,494.05	3/4	4,160.86	3/4	3,804.88	3/4	3,441.31	3/4	3,077.74	3/4	2,714.18
2	2	2	2	2	2	2	2	2	4,812.02	2	4,487.38	2	4,153.66	2	3,797.30	2	3,433.74	2	3,070.17	2	2,706.60
1/4		1/4		1/4		1/4		1/4	4,804.61	1/4	4,480.67	1/4	4,146.43	1/4	3,789.73	1/4	3,426.16	1/4	3,062.60	1/4	2,699.03
1/2		1/2		1/2		1/2		1/2	4,797.20	1/2	4,473.97	1/2	4,139.19	1/2	3,782.15	1/2	3,418.59	1/2	3,055.02	1/2	2,691.45
3/4		3/4		3/4		3/4		3/4	4,789.79	3/4	4,467.26	3/4	4,131.96	3/4	3,774.58	3/4	3,411.01	3/4	3,047.45	3/4	2,683.88
3	3	3	3	3	3	3	3	3	4,782.38	3	4,460.55	3	4,124.72	3	3,767.01	3	3,403.44	3	3,039.87	3	2,676.31
1/4		1/4		1/4		1/4		1/4	4,774.89	1/4	4,453.81	1/4	4,117.45	1/4	3,759.43	1/4	3,395.86	1/4	3,032.30	1/4	2,668.73
1/2		1/2		1/2		1/2		1/2	4,767.40	1/2	4,447.07	1/2	4,110.18	1/2	3,751.86	1/2	3,388.29	1/2	3,024.72	1/2	2,661.16
3/4		3/4		3/4		3/4		3/4	4,759.91	3/4	4,440.32	3/4	4,102.91	3/4	3,744.28	3/4	3,380.72	3/4	3,017.15	3/4	2,653.58
4	4	4	4	4	4	4	4	4	4,752.42	4	4,433.58	4	4,095.64	4	3,736.71	4	3,373.14	4	3,009.58	4	2,646.01
1/4		1/4		1/4		1/4		1/4	4,745.20	1/4	4,426.80	1/4	4,088.34	1/4	3,729.13	1/4	3,365.57	1/4	3,002.00	1/4	2,638.43
1/2		1/2		1/2		1/2		1/2	4,737.99	1/2	4,420.02	1/2	4,081.03	1/2	3,721.56	1/2	3,357.99	1/2	2,994.43	1/2	2,630.86
3/4		3/4		3/4		3/4		3/4	4,730.78	3/4	4,413.24	3/4	4,073.73	3/4	3,713.99	3/4	3,350.42	3/4	2,986.85	3/4	2,623.29
5	5	5	5	5	5	5	5	5	4,723.57	5	4,406.46	5	4,066.43	5	3,706.41	5	3,342.84	5	2,979.28	5	2,615.71
1/4		1/4		1/4		1/4		1/4	4,716.90	1/4	4,399.64	1/4	4,059.09	1/4	3,698.84	1/4	3,335.27	1/4	2,971.70	1/4	2,608.14
1/2		1/2		1/2		1/2		1/2	4,710.23	1/2	4,392.83	1/2	4,051.75	1/2	3,691.26	1/2	3,327.70	1/2	2,964.13	1/2	2,600.56
3/4		3/4		3/4		3/4		3/4	4,703.56	3/4	4,386.01	3/4	4,044.41	3/4	3,683.69	3/4	3,320.12	3/4	2,956.56	3/4	2,592.99
6	6	6	6	6	6	6	6	6	4,696.89	6	4,379.19	6	4,037.08	6	3,676.11	6	3,312.55	6	2,948.98	6	2,585.41
1/4		1/4		1/4		1/4		1/4	4,690.48	1/4	4,372.34	1/4	4,029.70	1/4	3,668.54	1/4	3,304.97	1/4	2,941.41	1/4	2,577.84
1/2		1/2		1/2		1/2		1/2	4,684.06	1/2	4,365.48	1/2	4,022.33	1/2	3,660.97	1/2	3,297.40	1/2	2,933.83	1/2	2,570.27
3/4		3/4		3/4		3/4		3/4	4,677.64	3/4	4,358.63	3/4	4,014.95	3/4	3,653.39	3/4	3,289.82	3/4	2,926.26	3/4	2,562.69
7	7	7	7	7	7	7	7	7	4,671.22	7	4,351.77	7	4,007.58	7	3,645.82	7	3,282.25	7	2,918.68	7	2,555.12
1/4		1/4		1/4		1/4		1/4	4,664.76	1/4	4,344.86	1/4	4,000.17	1/4	3,638.24	1/4	3,274.68	1/4	2,911.11	1/4	2,547.54
1/2		1/2		1/2		1/2		1/2	4,658.31	1/2	4,337.95	1/2	3,992.75	1/2	3,630.67	1/2	3,267.10	1/2	2,903.54	1/2	2,539.97
3/4		3/4		3/4		3/4		3/4	4,651.85	3/4	4,331.03	3/4	3,985.34	3/4	3,623.09	3/4	3,259.53	3/4	2,895.96	3/4	2,532.39
8	8	8	8	8	8	8	8	8	4,645.40	8	4,324.12	8	3,977.93	8	3,615.52	8	3,251.95	8	2,888.39	8	2,524.82
1/4		1/4		1/4		1/4		1/4	4,638.90	1/4	4,317.13	1/4	3,970.48	1/4	3,607.95	1/4	3,244.38	1/4	2,880.81	1/4	2,517.25
1/2		1/2		1/2		1/2		1/2	4,632.41	1/2	4,310.14	1/2	3,963.03	1/2	3,600.37	1/2	3,236.80	1/2	2,873.24	1/2	2,509.67
3/4		3/4		3/4		3/4		3/4	4,625.92	3/4	4,303.14	3/4	3,955.58	3/4	3,592.80	3/4	3,229.23	3/4	2,865.66	3/4	2,502.10
9	9	9	9	9	9	9	9	9	4,619.43	9	4,296.15	9	3,948.13	9	3,585.22	9	3,221.66	9	2,858.09	9	2,494.52
1/4		1/4		1/4		1/4		1/4	4,612.90	1/4	4,289.10	1/4	3,940.65	1/4	3,577.65	1/4	3,214.08	1/4	2,850.52	1/4	2,486.95
1/2		1/2		1/2		1/2		1/2	4,606.37	1/2	4,282.05	1/2	3,933.16	1/2	3,570.07	1/2	3,206.51	1/2	2,842.94	1/2	2,479.37
3/4		3/4		3/4		3/4		3/4	4,599.84	3/4	4,275.00	3/4	3,925.67	3/4	3,562.50	3/4	3,198.93	3/4	2,835.37	3/4	2,471.80
10	10	10	10	10	10	10	10	10	4,593.31	10	4,267.95	10	3,918.19	10	3,554.93	10	3,191.36	10	2,827.79	10	2,464.23
1/4		1/4		1/4		1/4		1/4	4,586.74	1/4	4,260.86	1/4	3,910.67	1/4	3,547.35	1/4	3,183.78	1/4	2,820.22	1/4	2,456.65
1/2		1/2		1/2		1/2		1/2	4,580.17	1/2	4,253.78	1/2	3,903.14	1/2	3,539.78	1/2	3,176.21	1/2	2,812.64	1/2	2,449.08
3/4		3/4		3/4		3/4		3/4	4,573.60	3/4	4,246.69	3/4	3,895.62	3/4	3,532.20	3/4	3,168.64	3/4	2,805.07	3/4	2,441.50
11	11	11	11	11	11	11	11	11	4,567.04	11	4,239.60	11	3,888.10	11	3,524.63	11	3,161.06	11	2,797.49	11	2,433.93
1/4		1/4		1/4		1/4		1/4	4,560.43	1/4	4,232.48	1/4	3,880.54	1/4	3,517.05	1/4	3,153.49	1/4	2,789.92	1/4	2,426.35
1/2		1/2		1/2		1/2		1/2	4,553.83	1/2	4,225.35	1/2	3,872.99	1/2	3,509.48	1/2	3,145.91	1/2	2,782.35	1/2	2,418.78
3/4		3/4		3/4		3/4		3/4	4,547.23	3/4	4,218.23	3/4	3,865.43	3/4	3,501.90	3/4	3,138.34	3/4	2,774.77	3/4	2,411.21

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE.
 GAUGE POINT: (MANUAL) LOCATED 12'-09" OFF CENTERLINE AND 50'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27751"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-08"

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	
0	2,403.63	0	2,040.06	0	1,676.49	0	1,316.79	0	954.16	0	590.72	0	234.69	0		0		0	
1/4	2,396.06	1/4	2,032.49	1/4	1,668.91	1/4	1,309.22	1/4	946.61	1/4	583.37	1/4	227.14	1/4		1/4		1/4	
1/2	2,388.48	1/2	2,024.92	1/2	1,661.34	1/2	1,301.64	1/2	939.07	1/2	576.02	1/2	219.59	1/2		1/2		1/2	
3/4	2,380.91	3/4	2,017.34	3/4	1,653.77	3/4	1,294.07	3/4	931.52	3/4	568.67	3/4	212.03	3/4		3/4		3/4	
1	2,373.33	1	2,009.77	1	1,646.19	1	1,286.49	1	923.97	1	561.32	1	204.48	1		1		1	
1/4	2,365.76	1/4	2,002.19	1/4	1,638.62	1/4	1,278.92	1/4	916.41	1/4	554.41	1/4	196.94	1/4		1/4		1/4	
1/2	2,358.19	1/2	1,994.62	1/2	1,631.04	1/2	1,271.34	1/2	908.85	1/2	547.51	1/2	189.40	1/2		1/2		1/2	
3/4	2,350.61	3/4	1,987.04	3/4	1,623.47	3/4	1,263.77	3/4	901.28	3/4	540.61	3/4	181.85	3/4		3/4		3/4	
2	2,343.04	2	1,979.47	2	1,615.89	2	1,256.19	2	893.72	2	533.70	2	174.31	2		2		2	
1/4	2,335.46	1/4	1,971.89	1/4	1,608.32	1/4	1,248.62	1/4	886.15	1/4	526.80	1/4	166.99	1/4		1/4		1/4	
1/2	2,327.89	1/2	1,964.32	1/2	1,600.74	1/2	1,241.04	1/2	878.57	1/2	519.90	1/2	159.67	1/2		1/2		1/2	
3/4	2,320.31	3/4	1,956.75	3/4	1,593.17	3/4	1,233.47	3/4	871.00	3/4	512.99	3/4	152.36	3/4		3/4		3/4	
3	2,312.74	3	1,949.17	3	1,585.60	3	1,225.89	3	863.42	3	506.09	3	145.04	3		3		3	
1/4	2,305.17	1/4	1,941.60	1/4	1,578.02	1/4	1,218.33	1/4	855.85	1/4	498.75	1/4	138.16	1/4		1/4		1/4	
1/2	2,297.59	1/2	1,934.02	1/2	1,570.45	1/2	1,210.77	1/2	848.27	1/2	491.40	1/2	131.29	1/2		1/2		1/2	
3/4	2,290.02	3/4	1,926.45	3/4	1,562.87	3/4	1,203.20	3/4	840.70	3/4	484.06	3/4	124.42	3/4		3/4		3/4	
4	2,282.44	4	1,918.87	4	1,555.30	4	1,195.64	4	833.12	4	476.71	4	117.54	4		4		4	
1/4	2,274.87	1/4	1,911.30	1/4	1,547.80	1/4	1,188.09	1/4	825.55	1/4	469.16	1/4	110.68	1/4		1/4		1/4	
1/2	2,267.29	1/2	1,903.72	1/2	1,540.31	1/2	1,180.54	1/2	817.97	1/2	461.61	1/2	103.82	1/2		1/2		1/2	
3/4	2,259.72	3/4	1,896.15	3/4	1,532.82	3/4	1,173.00	3/4	810.40	3/4	454.06	3/4	96.96	3/4		3/4		3/4	
5	2,252.15	5	1,888.58	5	1,525.32	5	1,165.45	5	802.82	5	446.50	5	90.10	5		5		5	
1/4	2,244.57	1/4	1,881.00	1/4	1,517.91	1/4	1,157.90	1/4	795.25	1/4	438.96	1/4	82.82	1/4		1/4		1/4	
1/2	2,237.00	1/2	1,873.43	1/2	1,510.50	1/2	1,150.36	1/2	787.67	1/2	431.41	1/2	75.55	1/2		1/2		1/2	
3/4	2,229.42	3/4	1,865.85	3/4	1,503.09	3/4	1,142.81	3/4	780.10	3/4	423.87	3/4	68.27	3/4		3/4		3/4	
6	2,221.85	6	1,858.28	6	1,495.67	6	1,135.27	6	772.52	6	416.32	6	61.00	6		6		6	
1/4	2,214.27	1/4	1,850.70	1/4	1,488.26	1/4	1,127.72	1/4	764.95	1/4	408.77	1/4	54.11	1/4		1/4		1/4	
1/2	2,206.70	1/2	1,843.13	1/2	1,480.85	1/2	1,120.17	1/2	757.37	1/2	401.22	1/2	47.21	1/2		1/2		1/2	
3/4	2,199.13	3/4	1,835.55	3/4	1,473.44	3/4	1,112.63	3/4	749.80	3/4	393.67	3/4	40.32	3/4		3/4		3/4	
7	2,191.55	7	1,827.98	7	1,466.02	7	1,105.08	7	742.22	7	386.11	7	33.43	7		7		7	
1/4	2,183.98	1/4	1,820.40	1/4	1,458.61	1/4	1,097.54	1/4	734.65	1/4	378.55	1/4	28.38	1/4		1/4		1/4	
1/2	2,176.40	1/2	1,812.83	1/2	1,451.20	1/2	1,089.99	1/2	727.07	1/2	370.98	1/2	23.33	1/2		1/2		1/2	
3/4	2,168.83	3/4	1,805.26	3/4	1,443.79	3/4	1,082.44	3/4	719.50	3/4	363.41	3/4	18.29	3/4		3/4		3/4	
8	2,161.25	8	1,797.68	8	1,436.37	8	1,074.90	8	711.92	8	355.85	8	13.24	8		8		8	
1/4	2,153.68	1/4	1,790.11	1/4	1,428.96	1/4	1,067.35	1/4	704.35	1/4	348.27	1/4		1/4		1/4		1/4	
1/2	2,146.11	1/2	1,782.53	1/2	1,421.55	1/2	1,059.81	1/2	696.78	1/2	340.70	1/2		1/2		1/2		1/2	
3/4	2,138.53	3/4	1,774.96	3/4	1,414.13	3/4	1,052.26	3/4	689.20	3/4	333.12	3/4		3/4		3/4		3/4	
9	2,130.96	9	1,767.38	9	1,406.72	9	1,044.71	9	681.63	9	325.55	9		9		9		9	
1/4	2,123.38	1/4	1,759.81	1/4	1,399.31	1/4	1,037.17	1/4	674.05	1/4	317.98	1/4		1/4		1/4		1/4	
1/2	2,115.81	1/2	1,752.23	1/2	1,391.90	1/2	1,029.62	1/2	666.48	1/2	310.40	1/2		1/2		1/2		1/2	
3/4	2,108.23	3/4	1,744.66	3/4	1,384.48	3/4	1,022.08	3/4	658.90	3/4	302.83	3/4		3/4		3/4		3/4	
10	2,100.66	10	1,737.09	10	1,377.07	10	1,014.53	10	651.32	10	295.25	10		10		10		10	
1/4	2,093.09	1/4	1,729.51	1/4	1,369.57	1/4	1,006.98	1/4	643.75	1/4	287.68	1/4		1/4		1/4		1/4	
1/2	2,085.51	1/2	1,721.94	1/2	1,362.08	1/2	999.44	1/2	636.17	1/2	280.11	1/2		1/2		1/2		1/2	
3/4	2,077.94	3/4	1,714.36	3/4	1,354.59	3/4	991.89	3/4	628.60	3/4	272.53	3/4		3/4		3/4		3/4	
11	2,070.36	11	1,706.79	11	1,347.09	11	984.35	11	621.02	11	264.96	11		11		11		11	
1/4	2,062.79	1/4	1,699.21	1/4	1,339.52	1/4	976.80	1/4	613.45	1/4	257.39	1/4		1/4		1/4		1/4	
1/2	2,055.21	1/2	1,691.64	1/2	1,331.94	1/2	969.25	1/2	605.87	1/2	249.82	1/2		1/2		1/2		1/2	
3/4	2,047.64	3/4	1,684.06	3/4	1,324.37	3/4	961.71	3/4	598.30	3/4	242.26	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

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ALL PRIOR TO 03/2008

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BARGE "KIRBY 27751"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.		
IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN	IN		IN
0		0	0		0	0		0	0		0	3,931.74	0	3,755.26	0		0	3,564.98	0	3,366.05	0		0	3,005.76	0	2,642.49			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,928.21	1/4	3,751.41	1/4		1/4	3,560.91	1/4	3,360.22	1/4		1/4	2,998.20	1/4	2,634.92			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,096.03	1/2	3,924.68	1/2		1/2	3,556.84	1/2	3,354.39	1/2		1/2	2,990.63	1/2	2,627.35			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,092.76	3/4	3,921.14	3/4		3/4	3,552.76	3/4	3,346.80	3/4		3/4	2,983.06	3/4	2,619.79			
1		1	1		1	1		1	1		1	4,089.49	1	3,917.59	1		1	3,548.69	1	3,339.21	1		1	2,975.49	1	2,612.22			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,086.21	1/4	3,914.04	1/4		1/4	3,544.62	1/4	3,331.62	1/4		1/4	2,967.92	1/4	2,604.65			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,082.94	1/2	3,910.50	1/2		1/2	3,540.55	1/2	3,324.03	1/2		1/2	2,960.36	1/2	2,597.08			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,079.03	3/4	3,906.93	3/4		3/4	3,536.48	3/4	3,316.44	3/4		3/4	2,952.79	3/4	2,589.51			
2		2	2		2	2		2	2		2	4,075.12	2	3,903.37	2		2	3,532.41	2	3,308.85	2		2	2,945.22	2	2,581.95			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,071.21	1/4	3,899.80	1/4		1/4	3,528.34	1/4	3,301.26	1/4		1/4	2,937.65	1/4	2,574.38			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,067.31	1/2	3,896.24	1/2		1/2	3,524.27	1/2	3,293.67	1/2		1/2	2,930.08	1/2	2,566.81			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,063.32	3/4	3,892.65	3/4		3/4	3,520.20	3/4	3,286.08	3/4		3/4	2,922.51	3/4	2,559.24			
3		3	3		3	3		3	3		3	4,059.33	3	3,889.07	3		3	3,516.13	3	3,278.49	3		3	2,914.95	3	2,551.67			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,055.35	1/4	3,885.48	1/4		1/4	3,512.06	1/4	3,270.90	1/4		1/4	2,907.38	1/4	2,544.10			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,051.36	1/2	3,881.90	1/2		1/2	3,507.98	1/2	3,263.31	1/2		1/2	2,899.81	1/2	2,536.54			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,047.52	3/4	3,878.29	3/4		3/4	3,503.91	3/4	3,255.72	3/4		3/4	2,892.24	3/4	2,528.97			
4		4	4		4	4		4	4		4	4,043.69	4	3,874.69	4		4	3,499.84	4	3,248.12	4		4	2,884.67	4	2,521.40			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,039.85	1/4	3,871.08	1/4		1/4	3,495.77	1/4	3,240.53	1/4		1/4	2,877.11	1/4	2,513.83			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,036.01	1/2	3,867.48	1/2		1/2	3,491.70	1/2	3,232.94	1/2		1/2	2,869.54	1/2	2,506.26			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,032.47	3/4	3,863.86	3/4		3/4	3,487.63	3/4	3,225.35	3/4		3/4	2,861.97	3/4	2,498.70			
5		5	5		5	5		5	5		5	4,028.92	5	3,860.23	5		5	3,483.56	5	3,217.76	5		5	2,854.40	5	2,491.13			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,025.38	1/4	3,856.61	1/4		1/4	3,479.49	1/4	3,210.17	1/4		1/4	2,846.83	1/4	2,483.56			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,021.84	1/2	3,852.98	1/2		1/2	3,475.42	1/2	3,202.58	1/2		1/2	2,839.26	1/2	2,475.99			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,018.43	3/4	3,849.34	3/4		3/4	3,471.35	3/4	3,195.00	3/4		3/4	2,831.70	3/4	2,468.42			
6		6	6		6	6		6	6		6	4,015.02	6	3,845.69	6		6	3,467.28	6	3,187.42	6		6	2,824.13	6	2,460.85			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	4,011.61	1/4	3,842.05	1/4		1/4	3,463.21	1/4	3,179.84	1/4		1/4	2,816.56	1/4	2,453.29			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	4,008.20	1/2	3,838.40	1/2		1/2	3,459.13	1/2	3,172.26	1/2		1/2	2,808.99	1/2	2,445.72			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	4,004.77	3/4	3,834.72	3/4		3/4	3,455.06	3/4	3,164.70	3/4		3/4	2,801.42	3/4	2,438.15			
7		7	7		7	7		7	7		7	4,001.34	7	3,831.03	7		7	3,450.99	7	3,157.13	7		7	2,793.85	7	2,430.58			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,997.91	1/4	3,827.35	1/4		1/4	3,446.92	1/4	3,149.56	1/4		1/4	2,786.29	1/4	2,423.01			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,994.47	1/2	3,823.66	1/2		1/2	3,442.85	1/2	3,141.99	1/2		1/2	2,778.72	1/2	2,415.44			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,991.03	3/4	3,819.91	3/4		3/4	3,438.78	3/4	3,134.42	3/4		3/4	2,771.15	3/4	2,407.88			
8		8	8		8	8		8	8		8	3,987.58	8	3,816.16	8		8	3,434.71	8	3,126.86	8		8	2,763.58	8	2,400.31			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,984.13	1/4	3,812.42	1/4		1/4	3,430.64	1/4	3,119.29	1/4		1/4	2,756.01	1/4	2,392.74			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,980.68	1/2	3,808.67	1/2		1/2	3,426.57	1/2	3,111.72	1/2		1/2	2,748.45	1/2	2,385.17			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,977.21	3/4	3,804.88	3/4		3/4	3,422.50	3/4	3,104.15	3/4		3/4	2,740.88	3/4	2,377.60			
9		9	9		9	9		9	9		9	3,973.74	9	3,801.09	9		9	3,418.43	9	3,096.58	9		9	2,733.31	9	2,370.04			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,970.27	1/4	3,797.30	1/4		1/4	3,414.35	1/4	3,089.01	1/4		1/4	2,725.74	1/4	2,362.47			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,966.80	1/2	3,793.51	1/2		1/2	3,410.28	1/2	3,081.45	1/2		1/2	2,718.17	1/2	2,354.90			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,963.31	3/4	3,789.70	3/4		3/4	3,406.21	3/4	3,073.88	3/4		3/4	2,710.60	3/4	2,347.33			
10		10	10		10	10		10	10		10	3,959.82	10	3,785.89	10		10	3,402.14	10	3,066.31	10		10	2,703.04	10	2,339.76			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,956.33	1/4	3,782.09	1/4		1/4	3,398.07	1/4	3,058.74	1/4		1/4	2,695.47	1/4	2,332.19			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,952.84	1/2	3,778.28	1/2		1/2	3,394.00	1/2	3,051.17	1/2		1/2	2,687.90	1/2	2,324.63			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,949.33	3/4	3,774.45	3/4		3/4	3,389.93	3/4	3,043.61	3/4		3/4	2,680.33	3/4	2,317.06			
11		11	11		11	11		11	11		11	3,945.82	11	3,770.62	11		11	3,385.86	11	3,036.04	11		11	2,672.76	11	2,309.49			
1/4		1/4	1/4		1/4	1/4		1/4	1/4		1/4	3,942.31	1/4	3,766.79	1/4		1/4	3,381.79	1/4	3,028.47	1/4		1/4	2,665.20	1/4	2,301.92			
1/2		1/2	1/2		1/2	1/2		1/2	1/2		1/2	3,938.80	1/2	3,762.96	1/2		1/2	3,377.72	1/2	3,020.90	1/2		1/2	2,657.63	1/2	2,294.35			
3/4		3/4	3/4		3/4	3/4		3/4	3/4		3/4	3,935.27	3/4	3,759.11	3/4		3/4	3,371.89	3/4	3,013.33	3/4		3/4	2,650.06	3/4	2,286.79			

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTRE



BARGE "KIRBY 27751"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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		
0	2,279.22		0	1,915.94		0	1,552.75		0	1,194.00		0	840.23		0	484.86		0	129.16		0		0		0		0		0			
1/4	2,271.65	1/4	1,908.37	1/4	1,545.21	1/4	1,186.45	1/4	832.90	1/4	477.51	1/4	121.92	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,264.08	1/2	1,900.81	1/2	1,537.66	1/2	1,178.89	1/2	825.56	1/2	470.16	1/2	114.69	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,256.51	3/4	1,893.24	3/4	1,530.12	3/4	1,171.34	3/4	818.21	3/4	463.26	3/4	108.41	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
1	2,248.94	1	1,885.67	1	1,522.57	1	1,163.79	1	810.86	1	456.36	1	102.14	1		1		1		1		1		1		1		1		1		
1/4	2,241.38	1/4	1,878.10	1/4	1,515.03	1/4	1,156.23	1/4	803.51	1/4	449.46	1/4	95.86	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,233.81	1/2	1,870.53	1/2	1,507.48	1/2	1,148.68	1/2	796.16	1/2	442.56	1/2	89.59	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,226.24	3/4	1,862.96	3/4	1,499.94	3/4	1,141.23	3/4	788.80	3/4	435.65	3/4	84.80	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
2	2,218.67	2	1,855.40	2	1,492.40	2	1,133.79	2	781.44	2	428.75	2	80.02	2		2		2		2		2		2		2		2		2		
1/4	2,211.10	1/4	1,847.83	1/4	1,484.85	1/4	1,126.34	1/4	774.07	1/4	421.85	1/4	75.23	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,203.54	1/2	1,840.26	1/2	1,477.31	1/2	1,118.89	1/2	766.71	1/2	414.95	1/2	70.45	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,195.97	3/4	1,832.69	3/4	1,469.76	3/4	1,111.55	3/4	759.35	3/4	407.61	3/4	67.37	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
3	2,188.40	3	1,825.12	3	1,462.22	3	1,104.21	3	751.99	3	400.27	3	64.30	3		3		3		3		3		3		3		3		3		
1/4	2,180.83	1/4	1,817.55	1/4	1,454.67	1/4	1,096.87	1/4	744.62	1/4	392.93	1/4	61.22	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,173.26	1/2	1,809.99	1/2	1,447.13	1/2	1,089.53	1/2	737.26	1/2	385.59	1/2	58.15	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,165.69	3/4	1,802.42	3/4	1,439.66	3/4	1,082.20	3/4	729.90	3/4	378.03	3/4	56.35	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
4	2,158.13	4	1,794.85	4	1,432.20	4	1,074.87	4	722.54	4	370.48	4	54.55	4		4		4		4		4		4		4		4		4		
1/4	2,150.56	1/4	1,787.28	1/4	1,424.73	1/4	1,067.53	1/4	715.17	1/4	362.93	1/4	52.76	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,142.99	1/2	1,779.71	1/2	1,417.27	1/2	1,060.20	1/2	707.81	1/2	355.38	1/2	50.96	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,135.42	3/4	1,772.14	3/4	1,409.88	3/4	1,052.87	3/4	700.45	3/4	347.84	3/4	50.01	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
5	2,127.85	5	1,764.57	5	1,402.48	5	1,045.54	5	693.09	5	340.30	5	49.07	5		5		5		5		5		5		5		5		5		
1/4	2,120.29	1/4	1,757.01	1/4	1,395.09	1/4	1,038.21	1/4	685.72	1/4	332.75	1/4	48.12	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,112.72	1/2	1,749.44	1/2	1,387.69	1/2	1,030.88	1/2	678.36	1/2	325.21	1/2	47.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,105.15	3/4	1,741.87	3/4	1,380.28	3/4	1,023.55	3/4	671.00	3/4	317.66	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
6	2,097.58	6	1,734.30	6	1,372.88	6	1,016.21	6	663.64	6	310.11	6		6		6		6		6		6		6		6		6		6		
1/4	2,090.01	1/4	1,726.73	1/4	1,365.47	1/4	1,008.88	1/4	656.28	1/4	302.56	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,082.44	1/2	1,719.16	1/2	1,358.06	1/2	1,001.55	1/2	648.91	1/2	295.01	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,074.88	3/4	1,711.60	3/4	1,350.65	3/4	994.22	3/4	641.55	3/4	287.44	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
7	2,067.31	7	1,704.03	7	1,343.25	7	986.89	7	634.19	7	279.88	7		7		7		7		7		7		7		7		7		7		
1/4	2,059.74	1/4	1,696.46	1/4	1,335.84	1/4	979.56	1/4	626.83	1/4	272.31	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,052.17	1/2	1,688.89	1/2	1,328.43	1/2	972.23	1/2	619.46	1/2	264.75	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,044.60	3/4	1,681.32	3/4	1,321.03	3/4	964.90	3/4	612.10	3/4	257.18	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
8	2,037.03	8	1,673.75	8	1,313.62	8	957.56	8	604.74	8	249.60	8		8		8		8		8		8		8		8		8		8		
1/4	2,029.47	1/4	1,666.19	1/4	1,306.21	1/4	950.23	1/4	597.38	1/4	242.03	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	2,021.90	1/2	1,658.62	1/2	1,298.80	1/2	942.90	1/2	590.01	1/2	234.46	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	2,014.33	3/4	1,651.05	3/4	1,291.40	3/4	935.57	3/4	582.55	3/4	226.89	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
9	2,006.76	9	1,643.48	9	1,284.00	9	928.24	9	575.08	9	219.32	9		9		9		9		9		9		9		9		9		9		
1/4	1,999.19	1/4	1,635.91	1/4	1,276.61	1/4	920.90	1/4	567.61	1/4	211.74	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,991.63	1/2	1,628.34	1/2	1,269.21	1/2	913.57	1/2	560.14	1/2	204.17	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,984.06	3/4	1,620.78	3/4	1,261.73	3/4	906.24	3/4	552.57	3/4	196.60	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
10	1,976.49	10	1,613.21	10	1,254.26	10	898.91	10	545.00	10	189.03	10		10		10		10		10		10		10		10		10		10		
1/4	1,968.92	1/4	1,605.64	1/4	1,246.79	1/4	891.57	1/4	537.42	1/4	181.46	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,961.35	1/2	1,598.07	1/2	1,239.32	1/2	884.24	1/2	529.85	1/2	173.88	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,953.78	3/4	1,590.51	3/4	1,231.77	3/4	876.90	3/4	522.28	3/4	166.32	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		
11	1,946.22	11	1,582.96	11	1,224.21	11	869.57	11	514.70	11	158.75	11		11		11		11		11		11		11		11		11		11		
1/4	1,938.65	1/4	1,575.40	1/4	1,216.66	1/4	862.24	1/4	507.13	1/4	151.19	1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		
1/2	1,931.08	1/2	1,567.84	1/2	1,209.11	1/2	854.90	1/2	499.56	1/2	143.62	1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		
3/4	1,923.51	3/4	1,560.30	3/4	1,201.55	3/4	847.57	3/4	492.21	3/4	136.39	3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

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



BARGE "KIRBY 27751"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

0 FT.			1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.								
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN					
0			0			0			0			0	3,954.22		0	3,777.42		0	3,586.91		0	3,386.23		0	3,023.64		0	2,659.30							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,122.04	1/4	1/4	3,950.69	1/4	1/4	3,773.57	1/4	1/4	3,582.84	1/4	1/4	3,380.40	1/4	1/4	3,016.05	1/4	1/4	2,651.71							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,118.76	1/2	1/2	3,947.14	1/2	1/2	3,769.70	1/2	1/2	3,578.77	1/2	1/2	3,372.81	1/2	1/2	3,008.46	1/2	1/2	2,644.11							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,115.49	3/4	3/4	3,943.59	3/4	3/4	3,765.83	3/4	3/4	3,574.70	3/4	3/4	3,365.22	3/4	3/4	3,000.87	3/4	3/4	2,636.52							
1		1	1		1	1		1	1	4,112.22	1	1	3,940.05	1	1	3,761.96	1	1	3,570.63	1	1	3,357.63	1	1	2,993.28	1	1	2,628.93							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,108.94	1/4	1/4	3,936.50	1/4	1/4	3,758.09	1/4	1/4	3,566.56	1/4	1/4	3,350.04	1/4	1/4	2,985.69	1/4	1/4	2,621.34							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,105.03	1/2	1/2	3,932.94	1/2	1/2	3,754.21	1/2	1/2	3,562.49	1/2	1/2	3,342.45	1/2	1/2	2,978.10	1/2	1/2	2,613.75							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,101.13	3/4	3/4	3,929.37	3/4	3/4	3,750.32	3/4	3/4	3,558.42	3/4	3/4	3,334.86	3/4	3/4	2,970.51	3/4	3/4	2,606.16							
2		2	2		2	2		2	2	4,097.22	2	2	3,925.81	2	2	3,746.43	2	2	3,554.35	2	2	3,327.27	2	2	2,962.92	2	2	2,598.57							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,093.31	1/4	1/4	3,922.24	1/4	1/4	3,742.54	1/4	1/4	3,550.28	1/4	1/4	3,319.68	1/4	1/4	2,955.33	1/4	1/4	2,590.98							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,089.33	1/2	1/2	3,918.66	1/2	1/2	3,738.63	1/2	1/2	3,546.21	1/2	1/2	3,312.09	1/2	1/2	2,947.74	1/2	1/2	2,583.39							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,085.34	3/4	3/4	3,915.07	3/4	3/4	3,734.72	3/4	3/4	3,542.13	3/4	3/4	3,304.50	3/4	3/4	2,940.15	3/4	3/4	2,575.80							
3		3	3		3	3		3	3	4,081.35	3	3	3,911.49	3	3	3,730.82	3	3	3,538.06	3	3	3,296.91	3	3	2,932.56	3	3	2,568.21							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,077.37	1/4	1/4	3,907.90	1/4	1/4	3,726.91	1/4	1/4	3,533.99	1/4	1/4	3,289.32	1/4	1/4	2,924.97	1/4	1/4	2,560.62							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,073.53	1/2	1/2	3,904.30	1/2	1/2	3,722.98	1/2	1/2	3,529.92	1/2	1/2	3,281.72	1/2	1/2	2,917.38	1/2	1/2	2,553.03							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,069.69	3/4	3/4	3,900.69	3/4	3/4	3,719.06	3/4	3/4	3,525.85	3/4	3/4	3,274.13	3/4	3/4	2,909.79	3/4	3/4	2,545.44							
4		4	4		4	4		4	4	4,065.86	4	4	3,897.09	4	4	3,715.13	4	4	3,521.78	4	4	3,266.54	4	4	2,902.19	4	4	2,537.85							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,062.02	1/4	1/4	3,893.49	1/4	1/4	3,711.21	1/4	1/4	3,517.71	1/4	1/4	3,258.95	1/4	1/4	2,894.60	1/4	1/4	2,530.26							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,058.47	1/2	1/2	3,889.86	1/2	1/2	3,707.27	1/2	1/2	3,513.64	1/2	1/2	3,251.36	1/2	1/2	2,887.01	1/2	1/2	2,522.66							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,054.93	3/4	3/4	3,886.24	3/4	3/4	3,703.32	3/4	3/4	3,509.57	3/4	3/4	3,243.77	3/4	3/4	2,879.42	3/4	3/4	2,515.07							
5		5	5		5	5		5	5	4,051.39	5	5	3,882.61	5	5	3,699.38	5	5	3,505.50	5	5	3,236.18	5	5	2,871.83	5	5	2,507.48							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,047.84	1/4	1/4	3,878.99	1/4	1/4	3,695.43	1/4	1/4	3,501.42	1/4	1/4	3,228.59	1/4	1/4	2,864.24	1/4	1/4	2,499.89							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,044.43	1/2	1/2	3,875.34	1/2	1/2	3,691.47	1/2	1/2	3,497.35	1/2	1/2	3,221.00	1/2	1/2	2,856.65	1/2	1/2	2,492.30							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,041.02	3/4	3/4	3,871.70	3/4	3/4	3,687.51	3/4	3/4	3,493.28	3/4	3/4	3,213.41	3/4	3/4	2,849.06	3/4	3/4	2,484.71							
6		6	6		6	6		6	6	4,037.61	6	6	3,868.05	6	6	3,683.54	6	6	3,489.21	6	6	3,205.82	6	6	2,841.47	6	6	2,477.12							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,034.20	1/4	1/4	3,864.41	1/4	1/4	3,679.58	1/4	1/4	3,485.14	1/4	1/4	3,198.23	1/4	1/4	2,833.88	1/4	1/4	2,469.53							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,030.77	1/2	1/2	3,860.72	1/2	1/2	3,675.60	1/2	1/2	3,481.07	1/2	1/2	3,190.64	1/2	1/2	2,826.29	1/2	1/2	2,461.94							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,027.34	3/4	3/4	3,857.04	3/4	3/4	3,671.61	3/4	3/4	3,477.00	3/4	3/4	3,183.05	3/4	3/4	2,818.70	3/4	3/4	2,454.35							
7		7	7		7	7		7	7	4,023.91	7	7	3,853.35	7	7	3,667.63	7	7	3,472.93	7	7	3,175.46	7	7	2,811.11	7	7	2,446.76							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,020.48	1/4	1/4	3,849.67	1/4	1/4	3,663.64	1/4	1/4	3,468.86	1/4	1/4	3,167.87	1/4	1/4	2,803.52	1/4	1/4	2,439.17							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,017.03	1/2	1/2	3,845.92	1/2	1/2	3,659.64	1/2	1/2	3,464.79	1/2	1/2	3,160.28	1/2	1/2	2,795.93	1/2	1/2	2,431.58							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	4,013.58	3/4	3/4	3,842.17	3/4	3/4	3,655.64	3/4	3/4	3,460.71	3/4	3/4	3,152.68	3/4	3/4	2,788.34	3/4	3/4	2,423.99							
8		8	8		8	8		8	8	4,010.13	8	8	3,838.42	8	8	3,651.63	8	8	3,456.64	8	8	3,145.09	8	8	2,780.75	8	8	2,416.40							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	4,006.68	1/4	1/4	3,834.67	1/4	1/4	3,647.63	1/4	1/4	3,452.57	1/4	1/4	3,137.50	1/4	1/4	2,773.15	1/4	1/4	2,408.81							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	4,003.21	1/2	1/2	3,830.88	1/2	1/2	3,643.61	1/2	1/2	3,448.50	1/2	1/2	3,129.91	1/2	1/2	2,765.56	1/2	1/2	2,401.22							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,999.74	3/4	3/4	3,827.10	3/4	3/4	3,639.58	3/4	3/4	3,444.43	3/4	3/4	3,122.32	3/4	3/4	2,757.97	3/4	3/4	2,393.62							
9		9	9		9	9		9	9	3,996.27	9	9	3,823.31	9	9	3,635.56	9	9	3,440.36	9	9	3,114.73	9	9	2,750.38	9	9	2,386.03							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,992.80	1/4	1/4	3,819.52	1/4	1/4	3,631.54	1/4	1/4	3,436.29	1/4	1/4	3,107.14	1/4	1/4	2,742.79	1/4	1/4	2,378.44							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,989.31	1/2	1/2	3,815.71	1/2	1/2	3,627.49	1/2	1/2	3,432.22	1/2	1/2	3,099.55	1/2	1/2	2,735.20	1/2	1/2	2,370.85							
3/4		3/4	3/4		3/4	3/4		3/4	3/4	3,985.82	3/4	3/4	3,811.90	3/4	3/4	3,623.45	3/4	3/4	3,428.15	3/4	3/4	3,091.96	3/4	3/4	2,727.61	3/4	3/4	2,363.26							
10		10	10		10	10		10	10	3,982.33	10	10	3,808.09	10	10	3,619.41	10	10	3,424.08	10	10	3,084.37	10	10	2,720.02	10	10	2,355.67							
1/4		1/4	1/4		1/4	1/4		1/4	1/4	3,978.84	1/4	1/4	3,804.28	1/4	1/4	3,615.36	1/4	1/4	3,420.00	1/4	1/4	3,076.78	1/4	1/4	2,712.43	1/4	1/4	2,348.08							
1/2		1/2	1/2		1/2	1/2		1/2	1/2	3,975.33																									



BARGE "KIRBY 27751"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,294.95	0	1,930.60	0	1,566.24	0	1,205.76	0	842.43	0	478.80	0	122.34	0		0		0	
1/4	2,287.36	1/4	1,923.01	1/4	1,558.65	1/4	1,198.17	1/4	834.87	1/4	471.43	1/4	115.09	1/4	1/4	1/4		1/4	
1/2	2,279.77	1/2	1,915.42	1/2	1,551.06	1/2	1,190.58	1/2	827.29	1/2	464.52	1/2	108.80	1/2	1/2	1/2		1/2	
3/4	2,272.18	3/4	1,907.83	3/4	1,543.47	3/4	1,182.99	3/4	819.71	3/4	457.60	3/4	102.50	3/4	3/4	3/4		3/4	
1	2,264.58	1	1,900.23	1	1,535.88	1	1,175.40	1	812.13	1	450.68	1	96.21	1	1	1		1	
1/4	2,256.99	1/4	1,892.64	1/4	1,528.29	1/4	1,167.80	1/4	804.55	1/4	443.76	1/4	89.92	1/4	1/4	1/4		1/4	
1/2	2,249.40	1/2	1,885.05	1/2	1,520.69	1/2	1,160.21	1/2	796.96	1/2	436.84	1/2	85.11	1/2	1/2	1/2		1/2	
3/4	2,241.81	3/4	1,877.46	3/4	1,513.10	3/4	1,152.62	3/4	789.37	3/4	429.92	3/4	80.31	3/4	3/4	3/4		3/4	
2	2,234.22	2	1,869.87	2	1,505.51	2	1,145.03	2	781.78	2	423.00	2	75.50	2	2	2		2	
1/4	2,226.63	1/4	1,862.28	1/4	1,497.92	1/4	1,137.44	1/4	774.19	1/4	416.08	1/4	70.70	1/4	1/4	1/4		1/4	
1/2	2,219.04	1/2	1,854.69	1/2	1,490.33	1/2	1,129.86	1/2	766.60	1/2	408.72	1/2	67.61	1/2	1/2	1/2		1/2	
3/4	2,211.45	3/4	1,847.10	3/4	1,482.74	3/4	1,122.28	3/4	759.01	3/4	401.36	3/4	64.51	3/4	3/4	3/4		3/4	
3	2,203.86	3	1,839.51	3	1,475.15	3	1,114.70	3	751.42	3	394.00	3	61.42	3	3	3		3	
1/4	2,196.27	1/4	1,831.92	1/4	1,467.56	1/4	1,107.12	1/4	743.82	1/4	386.64	1/4	58.33	1/4	1/4	1/4		1/4	
1/2	2,188.68	1/2	1,824.33	1/2	1,460.05	1/2	1,099.56	1/2	736.23	1/2	379.07	1/2	56.51	1/2	1/2	1/2		1/2	
3/4	2,181.09	3/4	1,816.74	3/4	1,452.54	3/4	1,092.00	3/4	728.64	3/4	371.50	3/4	54.70	3/4	3/4	3/4		3/4	
4	2,173.50	4	1,809.15	4	1,445.03	4	1,084.43	4	721.05	4	363.94	4	52.88	4	4	4		4	
1/4	2,165.91	1/4	1,801.55	1/4	1,437.52	1/4	1,076.87	1/4	713.46	1/4	356.37	1/4	51.07	1/4	1/4	1/4		1/4	
1/2	2,158.32	1/2	1,793.96	1/2	1,430.09	1/2	1,069.30	1/2	705.87	1/2	348.81	1/2	50.10	1/2	1/2	1/2		1/2	
3/4	2,150.73	3/4	1,786.37	3/4	1,422.66	3/4	1,061.74	3/4	698.28	3/4	341.24	3/4	49.14	3/4	3/4	3/4		3/4	
5	2,143.13	5	1,778.78	5	1,415.23	5	1,054.18	5	690.69	5	333.68	5	48.18	5	5	5		5	
1/4	2,135.54	1/4	1,771.19	1/4	1,407.81	1/4	1,046.62	1/4	683.10	1/4	326.12	1/4	47.21	1/4	1/4	1/4		1/4	
1/2	2,127.95	1/2	1,763.60	1/2	1,400.38	1/2	1,039.06	1/2	675.50	1/2	318.55	1/2		1/2	1/2	1/2		1/2	
3/4	2,120.36	3/4	1,756.01	3/4	1,392.95	3/4	1,031.49	3/4	667.91	3/4	310.98	3/4		3/4	3/4	3/4		3/4	
6	2,112.77	6	1,748.42	6	1,385.52	6	1,023.93	6	660.32	6	303.42	6		6	6	6		6	
1/4	2,105.18	1/4	1,740.83	1/4	1,378.09	1/4	1,016.37	1/4	652.73	1/4	295.85	1/4		1/4	1/4	1/4		1/4	
1/2	2,097.59	1/2	1,733.24	1/2	1,370.66	1/2	1,008.81	1/2	645.14	1/2	288.26	1/2		1/2	1/2	1/2		1/2	
3/4	2,090.00	3/4	1,725.65	3/4	1,363.23	3/4	1,001.25	3/4	637.55	3/4	280.68	3/4		3/4	3/4	3/4		3/4	
7	2,082.41	7	1,718.06	7	1,355.80	7	993.68	7	629.96	7	273.10	7		7	7	7		7	
1/4	2,074.82	1/4	1,710.46	1/4	1,348.38	1/4	986.12	1/4	622.37	1/4	265.51	1/4		1/4	1/4	1/4		1/4	
1/2	2,067.23	1/2	1,702.87	1/2	1,340.95	1/2	978.56	1/2	614.78	1/2	257.92	1/2		1/2	1/2	1/2		1/2	
3/4	2,059.64	3/4	1,695.28	3/4	1,333.52	3/4	971.00	3/4	607.18	3/4	250.33	3/4		3/4	3/4	3/4		3/4	
8	2,052.05	8	1,687.69	8	1,326.09	8	963.43	8	599.59	8	242.74	8		8	8	8		8	
1/4	2,044.46	1/4	1,680.10	1/4	1,318.66	1/4	955.87	1/4	592.00	1/4	235.15	1/4		1/4	1/4	1/4		1/4	
1/2	2,036.87	1/2	1,672.51	1/2	1,311.23	1/2	948.31	1/2	584.41	1/2	227.56	1/2		1/2	1/2	1/2		1/2	
3/4	2,029.28	3/4	1,664.92	3/4	1,303.80	3/4	940.75	3/4	576.82	3/4	219.97	3/4		3/4	3/4	3/4		3/4	
9	2,021.69	9	1,657.33	9	1,296.37	9	933.19	9	569.23	9	212.38	9		9	9	9		9	
1/4	2,014.09	1/4	1,649.74	1/4	1,288.94	1/4	925.62	1/4	561.64	1/4	204.79	1/4		1/4	1/4	1/4		1/4	
1/2	2,006.50	1/2	1,642.15	1/2	1,281.43	1/2	918.06	1/2	554.05	1/2	197.20	1/2		1/2	1/2	1/2		1/2	
3/4	1,998.91	3/4	1,634.56	3/4	1,273.92	3/4	910.50	3/4	546.45	3/4	189.61	3/4		3/4	3/4	3/4		3/4	
10	1,991.32	10	1,626.97	10	1,266.41	10	902.94	10	538.86	10	182.02	10		10	10	10		10	
1/4	1,983.73	1/4	1,619.38	1/4	1,258.90	1/4	895.37	1/4	531.27	1/4	174.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,976.14	1/2	1,611.78	1/2	1,251.31	1/2	887.81	1/2	523.68	1/2	166.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,968.55	3/4	1,604.19	3/4	1,243.72	3/4	880.25	3/4	516.09	3/4	159.26	3/4		3/4	3/4	3/4		3/4	
11	1,960.96	11	1,596.60	11	1,236.13	11	872.69	11	508.50	11	151.68	11		11	11	11		11	
1/4	1,953.37	1/4	1,589.01	1/4	1,228.54	1/4	865.13	1/4	500.90	1/4	144.10	1/4		1/4	1/4	1/4		1/4	
1/2	1,945.78	1/2	1,581.42	1/2	1,220.94	1/2	857.56	1/2	493.54	1/2	136.85	1/2		1/2	1/2	1/2		1/2	
3/4	1,938.19	3/4	1,573.83	3/4	1,213.35	3/4	850.00	3/4	486.17	3/4	129.59	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/18/2008 CL - SW
CALCULATED: 03/19/2008 CL
PRINTED: 03/19/2008 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 03/2008

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



BARGE "KIRBY 27751"

FUEL TANK INNAGE TABLE

GAUGE HEIGHT: 6'-09 3/4"

CAPACITIES GIVEN IN WHOLE GALLONS

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.
0	1	0	2,306	0	4,618	0	6,925	0	9,237	0	11,544	0	13,856	0		0			
1/4	48	1/4	2,354	1/4	4,665	1/4	6,973	1/4	9,284	1/4	11,592	1/4	13,904	1/4		1/4			
1/2	96	1/2	2,402	1/2	4,713	1/2	7,021	1/2	9,332	1/2	11,640	1/2	13,952	1/2		1/2			
3/4	143	3/4	2,450	3/4	4,761	3/4	7,069	3/4	9,380	3/4	11,688	3/4	14,000	3/4		3/4			
1	191	1	2,499	1	4,809	1	7,118	1	9,428	1	11,737	1	14,048	1		1			
1/4	239	1/4	2,547	1/4	4,857	1/4	7,166	1/4	9,476	1/4	11,785	1/4	14,097	1/4		1/4			
1/2	286	1/2	2,595	1/2	4,904	1/2	7,214	1/2	9,523	1/2	11,833	1/2	14,145	1/2		1/2			
3/4	334	3/4	2,643	3/4	4,952	3/4	7,262	3/4	9,571	3/4	11,881	3/4	14,193	3/4		3/4			
2	381	2	2,691	2	5,000	2	7,310	2	9,619	2	11,929	2	14,241	2		2			
1/4	429	1/4	2,739	1/4	5,048	1/4	7,358	1/4	9,667	1/4	11,977	1/4	14,289	1/4		1/4			
1/2	477	1/2	2,788	1/2	5,096	1/2	7,407	1/2	9,715	1/2	12,026	1/2		1/2		1/2			
3/4	524	3/4	2,836	3/4	5,143	3/4	7,455	3/4	9,762	3/4	12,074	3/4		3/4		3/4			
3	572	3	2,884	3	5,191	3	7,503	3	9,810	3	12,122	3		3		3			
1/4	620	1/4	2,932	1/4	5,239	1/4	7,551	1/4	9,858	1/4	12,170	1/4		1/4		1/4			
1/2	668	1/2	2,980	1/2	5,287	1/2	7,599	1/2	9,906	1/2	12,218	1/2		1/2		1/2			
3/4	717	3/4	3,028	3/4	5,336	3/4	7,647	3/4	9,955	3/4	12,266	3/4		3/4		3/4			
4	765	4	3,076	4	5,384	4	7,696	4	10,003	4	12,315	4		4		4			
1/4	813	1/4	3,125	1/4	5,432	1/4	7,744	1/4	10,051	1/4	12,363	1/4		1/4		1/4			
1/2	861	1/2	3,173	1/2	5,480	1/2	7,792	1/2	10,099	1/2	12,411	1/2		1/2		1/2			
3/4	909	3/4	3,221	3/4	5,528	3/4	7,840	3/4	10,147	3/4	12,459	3/4		3/4		3/4			
5	957	5	3,269	5	5,576	5	7,888	5	10,195	5	12,507	5		5		5			
1/4	1,006	1/4	3,317	1/4	5,625	1/4	7,936	1/4	10,244	1/4	12,555	1/4		1/4		1/4			
1/2	1,054	1/2	3,365	1/2	5,673	1/2	7,984	1/2	10,292	1/2	12,604	1/2		1/2		1/2			
3/4	1,102	3/4	3,414	3/4	5,721	3/4	8,033	3/4	10,340	3/4	12,652	3/4		3/4		3/4			
6	1,150	6	3,462	6	5,769	6	8,081	6	10,388	6	12,700	6		6		6			
1/4	1,198	1/4	3,510	1/4	5,817	1/4	8,129	1/4	10,436	1/4	12,748	1/4		1/4		1/4			
1/2	1,246	1/2	3,558	1/2	5,865	1/2	8,177	1/2	10,484	1/2	12,796	1/2		1/2		1/2			
3/4	1,294	3/4	3,606	3/4	5,914	3/4	8,225	3/4	10,533	3/4	12,844	3/4		3/4		3/4			
7	1,343	7	3,654	7	5,962	7	8,273	7	10,581	7	12,893	7		7		7			
1/4	1,391	1/4	3,703	1/4	6,010	1/4	8,322	1/4	10,629	1/4	12,941	1/4		1/4		1/4			
1/2	1,439	1/2	3,751	1/2	6,058	1/2	8,370	1/2	10,677	1/2	12,989	1/2		1/2		1/2			
3/4	1,487	3/4	3,799	3/4	6,106	3/4	8,418	3/4	10,725	3/4	13,037	3/4		3/4		3/4			
8	1,535	8	3,847	8	6,154	8	8,466	8	10,773	8	13,085	8		8		8			
1/4	1,583	1/4	3,895	1/4	6,202	1/4	8,514	1/4	10,822	1/4	13,133	1/4		1/4		1/4			
1/2	1,632	1/2	3,943	1/2	6,251	1/2	8,562	1/2	10,870	1/2	13,181	1/2		1/2		1/2			
3/4	1,680	3/4	3,992	3/4	6,299	3/4	8,611	3/4	10,918	3/4	13,230	3/4		3/4		3/4			
9	1,728	9	4,040	9	6,347	9	8,659	9	10,966	9	13,278	9		9		9			
1/4	1,776	1/4	4,088	1/4	6,395	1/4	8,707	1/4	11,014	1/4	13,326	1/4		1/4		1/4			
1/2	1,824	1/2	4,136	1/2	6,443	1/2	8,755	1/2	11,062	1/2	13,374	1/2		1/2		1/2			
3/4	1,872	3/4	4,184	3/4	6,491	3/4	8,803	3/4	11,111	3/4	13,422	3/4		3/4		3/4			
10	1,921	10	4,232	10	6,540	10	8,851	10	11,159	10	13,470	10		10		10			
1/4	1,969	1/4	4,281	1/4	6,588	1/4	8,900	1/4	11,207	1/4	13,519	1/4		1/4		1/4			
1/2	2,017	1/2	4,329	1/2	6,636	1/2	8,948	1/2	11,255	1/2	13,567	1/2		1/2		1/2			
3/4	2,065	3/4	4,377	3/4	6,684	3/4	8,996	3/4	11,303	3/4	13,615	3/4		3/4		3/4			
11	2,113	11	4,425	11	6,732	11	9,044	11	11,351	11	13,663	11		11		11			
1/4	2,161	1/4	4,473	1/4	6,780	1/4	9,092	1/4	11,399	1/4	13,711	1/4		1/4		1/4			
1/2	2,210	1/2	4,521	1/2	6,829	1/2	9,140	1/2	11,448	1/2	13,759	1/2		1/2		1/2			
3/4	2,258	3/4	4,569	3/4	6,877	3/4	9,189	3/4	11,496	3/4	13,808	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

TANK STRAPPED AND COMPUTED IN ACCORDANCE WITH API MPMS CHAPTER 2.7.
CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT HATCH ON TOP OF TANK.

STRAPPED: 04/24/2018 SW
CALCULATED: 04/26/2018 CL
CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2018

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