



BARGE "KIRBY 28066"

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

(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 -01-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-10 7/8"

LENGTH BETWEEN DRAFT MARKS: 241'-06"

July 1, 2009

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

<http://www.pmacorp.net>



BARGE "KIRBY 28066"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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.

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-10" FORWARD OF AFT BULKHEAD.

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BARGE "KIRBY 28066"

1 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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,388.27	0	2,002.38	0	1,636.48	0	1,271.23	0	907.38	0	541.90	0	194.69	0		0		0	
1/4	2,360.64	1/4	1,994.76	1/4	1,628.85	1/4	1,263.60	1/4	899.81	1/4	534.28	1/4	188.00	1/4		1/4		1/4	
1/2	2,353.02	1/2	1,987.13	1/2	1,621.23	1/2	1,255.98	1/2	892.24	1/2	526.65	1/2	181.31	1/2		1/2		1/2	
3/4	2,345.40	3/4	1,979.51	3/4	1,613.61	3/4	1,248.36	3/4	884.67	3/4	519.03	3/4	174.62	3/4		3/4		3/4	
1	2,337.78	1	1,971.89	1	1,605.99	1	1,240.73	1	877.11	1	511.41	1	167.93	1		1		1	
1/4	2,330.15	1/4	1,964.27	1/4	1,598.36	1/4	1,233.11	1/4	869.52	1/4	503.80	1/4	161.32	1/4		1/4		1/4	
1/2	2,322.53	1/2	1,956.64	1/2	1,590.74	1/2	1,225.49	1/2	861.94	1/2	496.20	1/2	154.72	1/2		1/2		1/2	
3/4	2,314.91	3/4	1,949.02	3/4	1,583.12	3/4	1,217.86	3/4	854.36	3/4	488.60	3/4	148.12	3/4		3/4		3/4	
2	2,307.29	2	1,941.40	2	1,575.49	2	1,210.24	2	846.78	2	481.00	2	141.51	2		2		2	
1/4	2,299.66	1/4	1,933.77	1/4	1,567.87	1/4	1,202.63	1/4	839.17	1/4	473.46	1/4	135.00	1/4		1/4		1/4	
1/2	2,292.04	1/2	1,926.15	1/2	1,560.25	1/2	1,195.02	1/2	831.56	1/2	465.92	1/2	128.49	1/2		1/2		1/2	
3/4	2,284.42	3/4	1,918.53	3/4	1,552.62	3/4	1,187.41	3/4	823.95	3/4	458.38	3/4	121.98	3/4		3/4		3/4	
3	2,276.80	3	1,910.91	3	1,545.00	3	1,179.80	3	816.34	3	450.84	3	115.46	3		3		3	
1/4	2,269.17	1/4	1,903.28	1/4	1,537.38	1/4	1,172.22	1/4	808.72	1/4	443.39	1/4	109.05	1/4		1/4		1/4	
1/2	2,261.55	1/2	1,895.66	1/2	1,529.76	1/2	1,164.64	1/2	801.10	1/2	435.93	1/2	102.63	1/2		1/2		1/2	
3/4	2,253.93	3/4	1,888.04	3/4	1,522.13	3/4	1,157.06	3/4	793.47	3/4	428.48	3/4	96.22	3/4		3/4		3/4	
4	2,246.30	4	1,880.41	4	1,514.51	4	1,149.47	4	785.85	4	421.02	4	89.80	4		4		4	
1/4	2,238.68	1/4	1,872.79	1/4	1,506.89	1/4	1,141.91	1/4	778.23	1/4	413.65	1/4	83.49	1/4		1/4		1/4	
1/2	2,231.06	1/2	1,865.17	1/2	1,499.26	1/2	1,134.34	1/2	770.61	1/2	406.29	1/2	77.18	1/2		1/2		1/2	
3/4	2,223.44	3/4	1,857.54	3/4	1,491.64	3/4	1,126.77	3/4	762.98	3/4	398.92	3/4	70.87	3/4		3/4		3/4	
5	2,215.81	5	1,849.92	5	1,484.02	5	1,119.20	5	755.36	5	391.55	5	64.56	5		5		5	
1/4	2,208.19	1/4	1,842.30	1/4	1,476.41	1/4	1,111.64	1/4	747.74	1/4	384.26	1/4	58.37	1/4		1/4		1/4	
1/2	2,200.57	1/2	1,834.68	1/2	1,468.80	1/2	1,104.07	1/2	740.11	1/2	376.98	1/2	52.18	1/2		1/2		1/2	
3/4	2,192.95	3/4	1,827.05	3/4	1,461.19	3/4	1,096.51	3/4	732.49	3/4	369.69	3/4	45.98	3/4		3/4		3/4	
6	2,185.32	6	1,819.43	6	1,453.58	6	1,088.94	6	724.87	6	362.41	6	39.79	6		6		6	
1/4	2,177.70	1/4	1,811.81	1/4	1,445.99	1/4	1,081.38	1/4	717.24	1/4	355.21	1/4	34.29	1/4		1/4		1/4	
1/2	2,170.08	1/2	1,804.18	1/2	1,438.39	1/2	1,073.81	1/2	709.62	1/2	348.01	1/2	28.80	1/2		1/2		1/2	
3/4	2,162.45	3/4	1,796.56	3/4	1,430.79	3/4	1,066.25	3/4	702.00	3/4	340.81	3/4	23.30	3/4		3/4		3/4	
7	2,154.83	7	1,788.94	7	1,423.20	7	1,058.68	7	694.37	7	333.61	7	17.80	7		7		7	
1/4	2,147.21	1/4	1,781.31	1/4	1,415.60	1/4	1,051.12	1/4	686.75	1/4	326.49	1/4	14.25	1/4		1/4		1/4	
1/2	2,139.59	1/2	1,773.69	1/2	1,408.01	1/2	1,043.55	1/2	679.13	1/2	319.38	1/2	10.69	1/2		1/2		1/2	
3/4	2,131.96	3/4	1,766.07	3/4	1,400.41	3/4	1,035.99	3/4	671.50	3/4	312.26	3/4	7.14	3/4		3/4		3/4	
8	2,124.34	8	1,758.45	8	1,392.82	8	1,028.42	8	663.88	8	305.15	8	3.58	8		8		8	
1/4	2,116.72	1/4	1,750.82	1/4	1,385.22	1/4	1,020.86	1/4	656.26	1/4	298.12	1/4		1/4		1/4		1/4	
1/2	2,109.10	1/2	1,743.20	1/2	1,377.63	1/2	1,013.29	1/2	648.63	1/2	291.09	1/2		1/2		1/2		1/2	
3/4	2,101.47	3/4	1,735.58	3/4	1,370.03	3/4	1,005.72	3/4	641.01	3/4	284.06	3/4		3/4		3/4		3/4	
9	2,093.85	9	1,727.95	9	1,362.43	9	998.16	9	633.39	9	277.02	9		9		9		9	
1/4	2,086.23	1/4	1,720.33	1/4	1,354.84	1/4	990.59	1/4	625.76	1/4	270.08	1/4		1/4		1/4		1/4	
1/2	2,078.61	1/2	1,712.71	1/2	1,347.24	1/2	983.03	1/2	618.14	1/2	263.13	1/2		1/2		1/2		1/2	
3/4	2,070.98	3/4	1,705.08	3/4	1,339.65	3/4	975.46	3/4	610.51	3/4	256.19	3/4		3/4		3/4		3/4	
10	2,063.36	10	1,697.46	10	1,332.05	10	967.90	10	602.89	10	249.24	10		10		10		10	
1/4	2,055.74	1/4	1,689.84	1/4	1,324.45	1/4	960.33	1/4	595.27	1/4	242.38	1/4		1/4		1/4		1/4	
1/2	2,048.11	1/2	1,682.22	1/2	1,316.86	1/2	952.77	1/2	587.64	1/2	235.52	1/2		1/2		1/2		1/2	
3/4	2,040.49	3/4	1,674.59	3/4	1,309.26	3/4	945.20	3/4	580.02	3/4	228.66	3/4		3/4		3/4		3/4	
11	2,032.87	11	1,666.97	11	1,301.67	11	937.64	11	572.40	11	221.80	11		11		11		11	
1/4	2,025.25	1/4	1,659.35	1/4	1,294.06	1/4	930.07	1/4	564.77	1/4	215.02	1/4		1/4		1/4		1/4	
1/2	2,017.62	1/2	1,651.72	1/2	1,286.45	1/2	922.51	1/2	557.15	1/2	208.25	1/2		1/2		1/2		1/2	
3/4	2,010.00	3/4	1,644.10	3/4	1,278.84	3/4	914.94	3/4	549.53	3/4	201.47	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

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



BARGE "KIRBY 28066"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	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.

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-10" FORWARD OF AFT BULKHEAD.

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



BARGE "KIRBY 28066"

1 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	2,369.37	0	2,003.53	0	1,637.67	0	1,272.46	0	907.55	0	541.83	0	194.66	0		0		0	
1/4	2,361.75	1/4	1,995.91	1/4	1,630.05	1/4	1,264.84	1/4	899.96	1/4	534.21	1/4	187.97	1/4		1/4		1/4	
1/2	2,354.13	1/2	1,988.28	1/2	1,622.43	1/2	1,257.22	1/2	892.36	1/2	528.58	1/2	181.28	1/2		1/2		1/2	
3/4	2,346.51	3/4	1,980.66	3/4	1,614.80	3/4	1,249.59	3/4	884.76	3/4	518.96	3/4	174.59	3/4		3/4		3/4	
1	2,338.89	1	1,973.04	1	1,607.18	1	1,241.97	1	877.17	1	511.34	1	167.90	1		1		1	
1/4	2,331.26	1/4	1,965.42	1/4	1,599.56	1/4	1,234.35	1/4	869.56	1/4	503.74	1/4	161.30	1/4		1/4		1/4	
1/2	2,323.64	1/2	1,957.80	1/2	1,591.94	1/2	1,226.73	1/2	861.95	1/2	496.14	1/2	154.70	1/2		1/2		1/2	
3/4	2,316.02	3/4	1,950.18	3/4	1,584.31	3/4	1,219.10	3/4	854.34	3/4	488.53	3/4	148.09	3/4		3/4		3/4	
2	2,308.40	2	1,942.55	2	1,576.69	2	1,211.48	2	846.73	2	480.93	2	141.49	2		2		2	
1/4	2,300.78	1/4	1,934.93	1/4	1,569.07	1/4	1,203.86	1/4	839.11	1/4	473.39	1/4	134.98	1/4		1/4		1/4	
1/2	2,293.16	1/2	1,927.31	1/2	1,561.45	1/2	1,196.24	1/2	831.49	1/2	465.86	1/2	128.47	1/2		1/2		1/2	
3/4	2,285.53	3/4	1,919.69	3/4	1,553.83	3/4	1,188.61	3/4	823.86	3/4	458.32	3/4	121.96	3/4		3/4		3/4	
3	2,277.91	3	1,912.07	3	1,546.20	3	1,180.99	3	816.24	3	450.78	3	115.45	3		3		3	
1/4	2,270.29	1/4	1,904.44	1/4	1,538.58	1/4	1,173.38	1/4	808.62	1/4	443.33	1/4	109.03	1/4		1/4		1/4	
1/2	2,262.67	1/2	1,896.82	1/2	1,530.96	1/2	1,165.77	1/2	801.00	1/2	435.87	1/2	102.82	1/2		1/2		1/2	
3/4	2,255.05	3/4	1,889.20	3/4	1,523.34	3/4	1,158.16	3/4	793.37	3/4	428.42	3/4	96.20	3/4		3/4		3/4	
4	2,247.42	4	1,881.58	4	1,515.72	4	1,150.55	4	785.75	4	420.97	4	89.79	4		4		4	
1/4	2,239.80	1/4	1,873.95	1/4	1,508.09	1/4	1,142.95	1/4	778.13	1/4	413.60	1/4	83.48	1/4		1/4		1/4	
1/2	2,232.18	1/2	1,866.33	1/2	1,500.47	1/2	1,135.36	1/2	770.51	1/2	406.23	1/2	77.17	1/2		1/2		1/2	
3/4	2,224.56	3/4	1,858.71	3/4	1,492.85	3/4	1,127.76	3/4	762.88	3/4	398.86	3/4	70.86	3/4		3/4		3/4	
5	2,216.94	5	1,851.09	5	1,485.23	5	1,120.17	5	755.26	5	391.49	5	64.55	5		5		5	
1/4	2,209.32	1/4	1,843.47	1/4	1,477.62	1/4	1,112.58	1/4	747.64	1/4	384.21	1/4	58.36	1/4		1/4		1/4	
1/2	2,201.69	1/2	1,835.84	1/2	1,470.01	1/2	1,104.98	1/2	740.02	1/2	376.92	1/2	52.12	1/2		1/2		1/2	
3/4	2,194.07	3/4	1,828.22	3/4	1,462.40	3/4	1,097.39	3/4	732.39	3/4	369.64	3/4	45.97	3/4		3/4		3/4	
6	2,186.45	6	1,820.60	6	1,454.79	6	1,089.80	6	724.77	6	362.36	6	39.78	6		6		6	
1/4	2,178.83	1/4	1,812.98	1/4	1,447.20	1/4	1,082.20	1/4	717.15	1/4	355.16	1/4	34.29	1/4		1/4		1/4	
1/2	2,171.21	1/2	1,805.36	1/2	1,439.61	1/2	1,074.61	1/2	709.53	1/2	347.96	1/2	28.79	1/2		1/2		1/2	
3/4	2,163.58	3/4	1,797.73	3/4	1,432.01	3/4	1,067.01	3/4	701.90	3/4	340.76	3/4	23.29	3/4		3/4		3/4	
7	2,155.96	7	1,790.11	7	1,424.42	7	1,059.42	7	694.28	7	333.56	7	17.80	7		7		7	
1/4	2,148.34	1/4	1,782.49	1/4	1,416.82	1/4	1,051.83	1/4	686.66	1/4	326.45	1/4	14.24	1/4		1/4		1/4	
1/2	2,140.72	1/2	1,774.87	1/2	1,409.23	1/2	1,044.23	1/2	679.04	1/2	319.33	1/2	10.69	1/2		1/2		1/2	
3/4	2,133.10	3/4	1,767.25	3/4	1,401.63	3/4	1,036.64	3/4	671.41	3/4	312.22	3/4	7.14	3/4		3/4		3/4	
8	2,125.48	8	1,759.62	8	1,394.04	8	1,029.05	8	663.79	8	305.10	8	3.58	8		8		8	
1/4	2,117.85	1/4	1,752.00	1/4	1,386.44	1/4	1,021.45	1/4	656.17	1/4	298.07	1/4		1/4		1/4		1/4	
1/2	2,110.23	1/2	1,744.38	1/2	1,378.85	1/2	1,013.86	1/2	648.55	1/2	291.04	1/2		1/2		1/2		1/2	
3/4	2,102.61	3/4	1,736.76	3/4	1,371.25	3/4	1,006.27	3/4	640.93	3/4	284.01	3/4		3/4		3/4		3/4	
9	2,094.99	9	1,729.13	9	1,363.66	9	998.67	9	633.30	9	276.99	9		9		9		9	
1/4	2,087.37	1/4	1,721.51	1/4	1,356.06	1/4	991.08	1/4	625.68	1/4	270.04	1/4		1/4		1/4		1/4	
1/2	2,079.74	1/2	1,713.89	1/2	1,348.47	1/2	983.49	1/2	618.06	1/2	263.10	1/2		1/2		1/2		1/2	
3/4	2,072.12	3/4	1,706.27	3/4	1,340.87	3/4	975.89	3/4	610.43	3/4	256.15	3/4		3/4		3/4		3/4	
10	2,064.50	10	1,698.65	10	1,333.28	10	968.30	10	602.81	10	249.21	10		10		10		10	
1/4	2,056.88	1/4	1,691.02	1/4	1,325.68	1/4	960.71	1/4	595.19	1/4	242.35	1/4		1/4		1/4		1/4	
1/2	2,049.26	1/2	1,683.40	1/2	1,318.09	1/2	953.11	1/2	587.57	1/2	235.49	1/2		1/2		1/2		1/2	
3/4	2,041.64	3/4	1,675.78	3/4	1,310.49	3/4	945.52	3/4	579.94	3/4	228.63	3/4		3/4		3/4		3/4	
11	2,034.01	11	1,668.16	11	1,302.90	11	937.93	11	572.32	11	221.77	11		11		11		11	
1/4	2,026.39	1/4	1,660.54	1/4	1,295.29	1/4	930.33	1/4	564.70	1/4	214.99	1/4		1/4		1/4		1/4	
1/2	2,018.77	1/2	1,652.91	1/2	1,287.68	1/2	922.74	1/2	557.08	1/2	208.21	1/2		1/2		1/2		1/2	
3/4	2,011.15	3/4	1,645.29	3/4	1,280.07	3/4	915.14	3/4	549.45	3/4	201.44	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 28066"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-04" 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.pmtacorp.net>



BARGE "KIRBY 28066"

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	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
0	2,402.66	0	2,039.15	0	1,675.64	0	1,316.01	0	964.89	0	605.73	0	242.18	0					
1/4	2,395.08	1/4	2,031.58	1/4	1,668.07	1/4	1,308.43	1/4	957.64	1/4	598.16	1/4	234.60	1/4					
1/2	2,387.51	1/2	2,024.01	1/2	1,660.49	1/2	1,300.86	1/2	950.40	1/2	590.58	1/2	227.03	1/2					
3/4	2,379.94	3/4	2,016.43	3/4	1,652.92	3/4	1,293.28	3/4	943.15	3/4	583.01	3/4	219.46	3/4					
1	2,372.36	1	2,008.86	1	1,645.35	1	1,285.71	1	935.91	1	575.43	1	211.88	1					
1/4	2,364.79	1/4	2,001.29	1/4	1,637.77	1/4	1,278.14	1/4	928.65	1/4	567.86	1/4	204.31	1/4					
1/2	2,357.22	1/2	1,993.71	1/2	1,630.20	1/2	1,270.56	1/2	921.39	1/2	560.29	1/2	196.74	1/2					
3/4	2,349.65	3/4	1,986.14	3/4	1,622.63	3/4	1,262.99	3/4	914.13	3/4	552.71	3/4	189.17	3/4					
2	2,342.07	2	1,978.57	2	1,615.05	2	1,255.42	2	906.87	2	545.14	2	181.60	2					
1/4	2,334.50	1/4	1,970.99	1/4	1,607.48	1/4	1,247.99	1/4	899.59	1/4	537.56	1/4	174.03	1/4					
1/2	2,326.93	1/2	1,963.42	1/2	1,599.91	1/2	1,240.57	1/2	892.32	1/2	529.99	1/2	166.47	1/2					
3/4	2,319.35	3/4	1,955.85	3/4	1,592.33	3/4	1,233.15	3/4	885.05	3/4	522.42	3/4	158.91	3/4					
3	2,311.78	3	1,948.27	3	1,584.76	3	1,225.72	3	877.78	3	514.84	3	151.34	3					
1/4	2,304.21	1/4	1,940.70	1/4	1,577.19	1/4	1,218.46	1/4	870.35	1/4	507.27	1/4	143.79	1/4					
1/2	2,296.63	1/2	1,933.13	1/2	1,569.61	1/2	1,211.20	1/2	862.93	1/2	499.69	1/2	136.24	1/2					
3/4	2,289.06	3/4	1,925.56	3/4	1,562.04	3/4	1,203.94	3/4	855.51	3/4	492.12	3/4	128.68	3/4					
4	2,281.49	4	1,917.98	4	1,554.47	4	1,196.88	4	848.09	4	484.55	4	121.13	4					
1/4	2,273.92	1/4	1,910.41	1/4	1,546.98	1/4	1,189.44	1/4	840.51	1/4	476.97	1/4	113.60	1/4					
1/2	2,266.34	1/2	1,902.84	1/2	1,539.48	1/2	1,182.19	1/2	832.94	1/2	469.40	1/2	106.07	1/2					
3/4	2,258.77	3/4	1,895.26	3/4	1,531.99	3/4	1,174.95	3/4	825.37	3/4	461.82	3/4	98.53	3/4					
5	2,251.20	5	1,887.69	5	1,524.50	5	1,167.70	5	817.79	5	454.25	5	91.00	5					
1/4	2,243.62	1/4	1,880.12	1/4	1,517.09	1/4	1,160.46	1/4	810.22	1/4	446.68	1/4	83.50	1/4					
1/2	2,236.05	1/2	1,872.54	1/2	1,509.68	1/2	1,153.22	1/2	802.65	1/2	439.10	1/2	76.00	1/2					
3/4	2,228.48	3/4	1,864.97	3/4	1,502.27	3/4	1,145.97	3/4	795.07	3/4	431.53	3/4	68.50	3/4					
6	2,220.90	6	1,857.40	6	1,494.85	6	1,138.73	6	787.50	6	423.95	6	61.01	6					
1/4	2,213.33	1/4	1,849.82	1/4	1,487.44	1/4	1,131.49	1/4	779.92	1/4	416.38	1/4	54.11	1/4					
1/2	2,205.76	1/2	1,842.25	1/2	1,480.03	1/2	1,124.24	1/2	772.35	1/2	408.81	1/2	47.22	1/2					
3/4	2,198.19	3/4	1,834.68	3/4	1,472.62	3/4	1,117.00	3/4	764.78	3/4	401.23	3/4	40.33	3/4					
7	2,190.61	7	1,827.10	7	1,465.21	7	1,109.75	7	757.20	7	393.66	7	33.44	7					
1/4	2,183.04	1/4	1,819.53	1/4	1,457.80	1/4	1,102.51	1/4	749.63	1/4	386.08	1/4	28.39	1/4					
1/2	2,175.47	1/2	1,811.96	1/2	1,450.39	1/2	1,095.27	1/2	742.06	1/2	378.51	1/2	23.34	1/2					
3/4	2,167.89	3/4	1,804.38	3/4	1,442.98	3/4	1,088.02	3/4	734.48	3/4	370.94	3/4	18.29	3/4					
8	2,160.32	8	1,796.81	8	1,435.57	8	1,080.78	8	726.91	8	363.36	8	13.25	8					
1/4	2,152.75	1/4	1,789.24	1/4	1,428.15	1/4	1,073.54	1/4	719.34	1/4	355.79	1/4	8.20	1/4					
1/2	2,145.17	1/2	1,781.66	1/2	1,420.74	1/2	1,066.29	1/2	711.76	1/2	348.21	1/2	3.15	1/2					
3/4	2,137.60	3/4	1,774.09	3/4	1,413.33	3/4	1,059.05	3/4	704.19	3/4	340.64	3/4	0.00	3/4					
9	2,130.03	9	1,766.52	9	1,405.92	9	1,051.81	9	696.62	9	333.07	9	0.00	9					
1/4	2,122.46	1/4	1,758.94	1/4	1,398.51	1/4	1,044.56	1/4	689.04	1/4	325.49	1/4	0.00	1/4					
1/2	2,114.88	1/2	1,751.37	1/2	1,391.10	1/2	1,037.32	1/2	681.47	1/2	317.92	1/2	0.00	1/2					
3/4	2,107.31	3/4	1,743.80	3/4	1,383.68	3/4	1,030.08	3/4	673.90	3/4	310.34	3/4	0.00	3/4					
10	2,099.74	10	1,736.23	10	1,376.27	10	1,022.83	10	666.32	10	302.77	10	0.00	10					
1/4	2,092.16	1/4	1,728.65	1/4	1,368.78	1/4	1,015.59	1/4	658.75	1/4	295.20	1/4	0.00	1/4					
1/2	2,084.59	1/2	1,721.08	1/2	1,361.29	1/2	1,008.35	1/2	651.17	1/2	287.62	1/2	0.00	1/2					
3/4	2,077.02	3/4	1,713.51	3/4	1,353.79	3/4	1,001.10	3/4	643.60	3/4	280.05	3/4	0.00	3/4					
11	2,069.44	11	1,705.93	11	1,346.30	11	993.86	11	636.03	11	272.47	11	0.00	11					
1/4	2,061.87	1/4	1,698.36	1/4	1,338.73	1/4	986.62	1/4	628.45	1/4	264.90	1/4	0.00	1/4					
1/2	2,054.30	1/2	1,690.79	1/2	1,331.15	1/2	979.37	1/2	620.88	1/2	257.33	1/2	0.00	1/2					
3/4	2,046.73	3/4	1,683.21	3/4	1,323.58	3/4	972.13	3/4	613.30	3/4	249.75	3/4	0.00	3/4					

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

PRECISION MEASUREMENT
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<http://www.pimacorp.net>





BARGE "KIRBY 28066"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4	1 3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4	2 3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2	3 1/2
3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4	3 3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2	4 1/2
4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4	4 3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2	5 1/2
5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4	5 3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2	6 1/2
6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4	6 3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2	7 1/2
7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4	7 3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4	8 3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2
9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4	9 3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2	10 1/2
10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4	10 3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2	11 1/2
11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4	11 3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2	12 1/2
12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4	12 3/4
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

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 WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-04" 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.pmtacorp.net>



BARGE "KIRBY 28066"

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	2,426.18	0	2,062.84	0	1,699.08	0	1,339.41	0	976.76	0	613.38	0	249.78	0		0			
1/4	2,418.61	1/4	2,055.06	1/4	1,691.51	1/4	1,331.83	1/4	969.22	1/4	605.80	1/4	242.21	1/4		1/4			
1/2	2,411.03	1/2	2,047.49	1/2	1,683.93	1/2	1,324.26	1/2	961.67	1/2	598.17	1/2	234.63	1/2		1/2			
3/4	2,403.46	3/4	2,039.91	3/4	1,676.36	3/4	1,316.68	3/4	954.12	3/4	590.65	3/4	227.06	3/4		3/4			
1	2,395.89	1	2,032.34	1	1,668.78	1	1,309.11	1	946.58	1	583.08	1	219.48	1		1			
1/4	2,388.31	1/4	2,024.77	1/4	1,661.21	1/4	1,301.53	1/4	939.03	1/4	575.50	1/4	211.91	1/4		1/4			
1/2	2,380.74	1/2	2,017.19	1/2	1,653.64	1/2	1,293.96	1/2	931.47	1/2	567.93	1/2	204.34	1/2		1/2			
3/4	2,373.17	3/4	2,009.62	3/4	1,646.06	3/4	1,286.38	3/4	923.91	3/4	560.35	3/4	196.76	3/4		3/4			
2	2,365.59	2	2,002.04	2	1,638.49	2	1,278.81	2	916.34	2	552.78	2	189.19	2		2			
1/4	2,358.02	1/4	1,994.47	1/4	1,630.91	1/4	1,271.23	1/4	908.78	1/4	545.20	1/4	181.62	1/4		1/4			
1/2	2,350.44	1/2	1,986.90	1/2	1,623.34	1/2	1,263.66	1/2	901.21	1/2	537.63	1/2	174.06	1/2		1/2			
3/4	2,342.87	3/4	1,979.32	3/4	1,615.77	3/4	1,256.08	3/4	893.63	3/4	530.05	3/4	166.49	3/4		3/4			
3	2,335.30	3	1,971.75	3	1,608.19	3	1,248.51	3	886.06	3	522.48	3	158.92	3		3			
1/4	2,327.72	1/4	1,964.17	1/4	1,600.62	1/4	1,240.93	1/4	878.48	1/4	514.90	1/4	151.36	1/4		1/4			
1/2	2,320.15	1/2	1,956.60	1/2	1,593.04	1/2	1,233.37	1/2	870.91	1/2	507.33	1/2	143.81	1/2		1/2			
3/4	2,312.57	3/4	1,949.03	3/4	1,585.47	3/4	1,225.81	3/4	863.33	3/4	499.75	3/4	136.25	3/4		3/4			
4	2,305.00	4	1,941.45	4	1,577.89	4	1,218.25	4	855.76	4	492.18	4	128.70	4		4			
1/4	2,297.43	1/4	1,933.88	1/4	1,570.32	1/4	1,210.68	1/4	848.19	1/4	484.60	1/4	121.15	1/4		1/4			
1/2	2,289.85	1/2	1,926.30	1/2	1,562.83	1/2	1,203.14	1/2	840.61	1/2	477.03	1/2	113.61	1/2		1/2			
3/4	2,282.28	3/4	1,918.73	3/4	1,555.33	3/4	1,195.59	3/4	833.04	3/4	469.45	3/4	106.08	3/4		3/4			
5	2,274.70	5	1,911.16	5	1,547.84	5	1,188.04	5	825.46	5	461.88	5	98.55	5		5			
1/4	2,267.13	1/4	1,903.58	1/4	1,540.35	1/4	1,180.50	1/4	817.89	1/4	454.30	1/4	91.01	1/4		1/4			
1/2	2,259.56	1/2	1,896.01	1/2	1,532.94	1/2	1,172.95	1/2	810.31	1/2	446.73	1/2	83.51	1/2		1/2			
3/4	2,251.98	3/4	1,888.43	3/4	1,525.52	3/4	1,165.40	3/4	802.74	3/4	439.15	3/4	76.01	3/4		3/4			
6	2,244.41	6	1,880.86	6	1,518.11	6	1,157.86	6	795.17	6	431.58	6	68.51	6		6			
1/4	2,236.84	1/4	1,873.28	1/4	1,510.70	1/4	1,150.31	1/4	787.59	1/4	424.00	1/4	61.01	1/4		1/4			
1/2	2,229.26	1/2	1,865.71	1/2	1,503.29	1/2	1,142.77	1/2	780.02	1/2	416.43	1/2	54.12	1/2		1/2			
3/4	2,221.69	3/4	1,858.14	3/4	1,495.88	3/4	1,135.22	3/4	772.44	3/4	408.85	3/4	47.23	3/4		3/4			
7	2,214.11	7	1,850.56	7	1,488.46	7	1,127.68	7	764.87	7	401.28	7	40.33	7		7			
1/4	2,206.54	1/4	1,842.99	1/4	1,481.05	1/4	1,120.13	1/4	757.29	1/4	393.71	1/4	33.44	1/4		1/4			
1/2	2,198.97	1/2	1,835.41	1/2	1,473.64	1/2	1,112.59	1/2	749.72	1/2	386.13	1/2	28.39	1/2		1/2			
3/4	2,191.39	3/4	1,827.84	3/4	1,466.23	3/4	1,105.04	3/4	742.14	3/4	378.56	3/4	23.34	3/4		3/4			
8	2,183.82	8	1,820.27	8	1,458.82	8	1,097.49	8	734.57	8	370.98	8	18.30	8		8			
1/4	2,176.24	1/4	1,812.69	1/4	1,451.40	1/4	1,089.95	1/4	727.00	1/4	363.41	1/4	13.25	1/4		1/4			
1/2	2,168.67	1/2	1,805.12	1/2	1,443.99	1/2	1,082.40	1/2	719.42	1/2	355.83	1/2		1/2		1/2			
3/4	2,161.10	3/4	1,797.54	3/4	1,436.58	3/4	1,074.86	3/4	711.85	3/4	348.26	3/4		3/4		3/4			
9	2,153.52	9	1,789.97	9	1,429.17	9	1,067.31	9	704.27	9	340.68	9		9		9			
1/4	2,145.95	1/4	1,782.40	1/4	1,421.75	1/4	1,059.77	1/4	696.70	1/4	333.11	1/4		1/4		1/4			
1/2	2,138.37	1/2	1,774.82	1/2	1,414.34	1/2	1,052.22	1/2	689.12	1/2	325.53	1/2		1/2		1/2			
3/4	2,130.80	3/4	1,767.25	3/4	1,406.93	3/4	1,044.68	3/4	681.55	3/4	317.96	3/4		3/4		3/4			
10	2,123.23	10	1,759.67	10	1,399.52	10	1,037.13	10	673.98	10	310.38	10		10		10			
1/4	2,115.65	1/4	1,752.10	1/4	1,392.10	1/4	1,029.58	1/4	666.40	1/4	302.81	1/4		1/4		1/4			
1/2	2,108.08	1/2	1,744.53	1/2	1,384.61	1/2	1,022.04	1/2	658.83	1/2	295.23	1/2		1/2		1/2			
3/4	2,100.50	3/4	1,736.95	3/4	1,377.12	3/4	1,014.49	3/4	651.25	3/4	287.66	3/4		3/4		3/4			
11	2,092.93	11	1,729.38	11	1,369.62	11	1,006.95	11	643.68	11	280.08	11		11		11			
1/4	2,085.36	1/4	1,721.80	1/4	1,362.13	1/4	999.40	1/4	636.10	1/4	272.51	1/4		1/4		1/4			
1/2	2,077.78	1/2	1,714.23	1/2	1,354.55	1/2	991.86	1/2	628.53	1/2	264.93	1/2		1/2		1/2			
3/4	2,070.21	3/4	1,706.65	3/4	1,346.98	3/4	984.31	3/4	620.95	3/4	257.36	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

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



BARGE "KIRBY 28066"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPIMS 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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-06" 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>

SHEET NO. 9 OF 12



BARGE "KIRBY 28066"

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	2,326.35	0	1,963.16	0	1,599.98	0	1,241.31	0	886.61	0	531.04	0	166.84	0		0			
1/4	2,318.79	1/4	1,955.59	1/4	1,592.43	1/4	1,233.76	1/4	879.26	1/4	523.45	1/4	159.25	1/4		1/4			
1/2	2,311.22	1/2	1,948.03	1/2	1,584.87	1/2	1,226.21	1/2	871.91	1/2	515.86	1/2	151.66	1/2		1/2			
3/4	2,303.65	3/4	1,940.46	3/4	1,577.33	3/4	1,218.65	3/4	864.56	3/4	508.28	3/4	144.39	3/4		3/4			
1	2,296.09	1	1,932.89	1	1,569.79	1	1,211.10	1	857.21	1	500.69	1	137.12	1		1			
1/4	2,288.52	1/4	1,925.33	1/4	1,562.24	1/4	1,203.55	1/4	849.86	1/4	493.10	1/4	129.85	1/4		1/4			
1/2	2,280.95	1/2	1,917.76	1/2	1,554.70	1/2	1,196.00	1/2	842.51	1/2	485.51	1/2	122.58	1/2		1/2			
3/4	2,273.39	3/4	1,910.19	3/4	1,547.16	3/4	1,188.45	3/4	835.14	3/4	477.93	3/4	116.26	3/4		3/4			
2	2,265.82	2	1,902.63	2	1,539.61	2	1,180.90	2	827.78	2	470.34	2	109.94	2		2			
1/4	2,258.25	1/4	1,895.06	1/4	1,532.07	1/4	1,173.35	1/4	820.42	1/4	462.75	1/4	103.61	1/4		1/4			
1/2	2,250.69	1/2	1,887.49	1/2	1,524.53	1/2	1,165.79	1/2	813.05	1/2	455.16	1/2	97.29	1/2		1/2			
3/4	2,243.12	3/4	1,879.93	3/4	1,516.98	3/4	1,158.35	3/4	805.67	3/4	447.58	3/4	92.24	3/4		3/4			
3	2,235.56	3	1,872.36	3	1,509.44	3	1,150.90	3	798.30	3	439.99	3	87.19	3		3			
1/4	2,227.99	1/4	1,864.79	1/4	1,501.90	1/4	1,143.45	1/4	790.92	1/4	432.40	1/4	82.14	1/4		1/4			
1/2	2,220.42	1/2	1,857.23	1/2	1,494.35	1/2	1,136.01	1/2	783.54	1/2	424.81	1/2	77.09	1/2		1/2			
3/4	2,212.86	3/4	1,849.66	3/4	1,486.81	3/4	1,128.67	3/4	776.17	3/4	417.23	3/4	73.31	3/4		3/4			
4	2,205.29	4	1,842.09	4	1,479.27	4	1,121.33	4	768.79	4	409.64	4	69.53	4		4			
1/4	2,197.72	1/4	1,834.53	1/4	1,471.72	1/4	1,113.99	1/4	761.41	1/4	402.05	1/4	65.76	1/4		1/4			
1/2	2,190.16	1/2	1,826.96	1/2	1,464.18	1/2	1,106.66	1/2	754.03	1/2	394.46	1/2	61.98	1/2		1/2			
3/4	2,182.59	3/4	1,819.39	3/4	1,456.72	3/4	1,099.33	3/4	746.66	3/4	386.88	3/4	59.49	3/4		3/4			
5	2,175.02	5	1,811.83	5	1,449.25	5	1,091.99	5	739.28	5	379.29	5	56.99	5		5			
1/4	2,167.46	1/4	1,804.26	1/4	1,441.79	1/4	1,084.66	1/4	731.90	1/4	371.70	1/4	54.50	1/4		1/4			
1/2	2,159.89	1/2	1,796.69	1/2	1,434.33	1/2	1,077.33	1/2	724.53	1/2	364.11	1/2	52.01	1/2		1/2			
3/4	2,152.32	3/4	1,789.13	3/4	1,426.94	3/4	1,070.00	3/4	717.15	3/4	356.53	3/4	50.81	3/4		3/4			
6	2,144.76	6	1,781.56	6	1,419.54	6	1,062.67	6	709.77	6	348.94	6	49.61	6		6			
1/4	2,137.19	1/4	1,773.99	1/4	1,412.15	1/4	1,055.34	1/4	702.40	1/4	341.35	1/4	48.42	1/4		1/4			
1/2	2,129.62	1/2	1,766.43	1/2	1,404.75	1/2	1,048.01	1/2	695.02	1/2	333.76	1/2	47.22	1/2		1/2			
3/4	2,122.06	3/4	1,758.86	3/4	1,397.35	3/4	1,040.68	3/4	687.64	3/4	326.18	3/4		3/4		3/4			
7	2,114.49	7	1,751.29	7	1,389.94	7	1,033.35	7	680.26	7	318.59	7		7		7			
1/4	2,106.92	1/4	1,743.73	1/4	1,382.54	1/4	1,026.02	1/4	672.89	1/4	311.00	1/4		1/4		1/4			
1/2	2,099.36	1/2	1,736.16	1/2	1,375.13	1/2	1,018.69	1/2	665.51	1/2	303.41	1/2		1/2		1/2			
3/4	2,091.79	3/4	1,728.59	3/4	1,367.73	3/4	1,011.36	3/4	658.13	3/4	295.83	3/4		3/4		3/4			
8	2,084.23	8	1,721.03	8	1,360.32	8	1,004.03	8	650.76	8	288.24	8		8		8			
1/4	2,076.66	1/4	1,713.46	1/4	1,352.91	1/4	996.70	1/4	643.38	1/4	280.65	1/4		1/4		1/4			
1/2	2,069.09	1/2	1,705.89	1/2	1,345.51	1/2	989.37	1/2	636.00	1/2	273.06	1/2		1/2		1/2			
3/4	2,061.53	3/4	1,698.33	3/4	1,338.11	3/4	982.04	3/4	628.63	3/4	265.48	3/4		3/4		3/4			
9	2,053.96	9	1,690.76	9	1,330.70	9	974.71	9	621.25	9	257.89	9		9		9			
1/4	2,046.39	1/4	1,683.19	1/4	1,323.29	1/4	967.38	1/4	613.87	1/4	250.30	1/4		1/4		1/4			
1/2	2,038.83	1/2	1,675.63	1/2	1,315.88	1/2	960.05	1/2	606.49	1/2	242.71	1/2		1/2		1/2			
3/4	2,031.26	3/4	1,668.06	3/4	1,308.49	3/4	952.71	3/4	599.01	3/4	235.13	3/4		3/4		3/4			
10	2,023.69	10	1,660.49	10	1,301.09	10	945.37	10	591.53	10	227.54	10		10		10			
1/4	2,016.13	1/4	1,652.93	1/4	1,293.69	1/4	938.03	1/4	584.05	1/4	219.95	1/4		1/4		1/4			
1/2	2,008.56	1/2	1,645.36	1/2	1,286.29	1/2	930.69	1/2	576.56	1/2	212.36	1/2		1/2		1/2			
3/4	2,000.99	3/4	1,637.79	3/4	1,278.82	3/4	923.35	3/4	568.98	3/4	204.78	3/4		3/4		3/4			
11	1,993.43	11	1,630.23	11	1,271.35	11	916.00	11	561.39	11	197.19	11		11		11			
1/4	1,985.86	1/4	1,622.66	1/4	1,263.88	1/4	908.65	1/4	553.80	1/4	189.60	1/4		1/4		1/4			
1/2	1,978.29	1/2	1,615.09	1/2	1,256.41	1/2	901.30	1/2	546.21	1/2	182.01	1/2		1/2		1/2			
3/4	1,970.73	3/4	1,607.54	3/4	1,248.86	3/4	893.95	3/4	538.63	3/4	174.43	3/4		3/4		3/4			

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
<http://www.pimacorp.net>



BARGE "KIRBY 28066"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPIMS 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 WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-10" OFF CENTERLINE AND 54'-08" 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 28066"

3 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	2,339.30	0	1,975.15	0	1,610.98	0	1,250.70	0	887.45	0	523.45	0	159.25	0		0		0	
1/4	2,331.71	1/4	1,967.56	1/4	1,603.40	1/4	1,243.11	1/4	879.89	1/4	515.86	1/4	151.66	1/4		1/4		1/4	
1/2	2,324.13	1/2	1,959.98	1/2	1,595.81	1/2	1,235.52	1/2	872.33	1/2	508.28	1/2	144.39	1/2		1/2		1/2	
3/4	2,316.54	3/4	1,952.39	3/4	1,588.22	3/4	1,227.94	3/4	864.77	3/4	500.69	3/4	137.12	3/4		3/4		3/4	
1	2,308.96	1	1,944.80	1	1,580.64	1	1,220.35	1	857.21	1	493.10	1	129.85	1		1		1	
1/4	2,301.37	1/4	1,937.21	1/4	1,573.05	1/4	1,212.76	1/4	849.65	1/4	485.51	1/4	122.58	1/4		1/4		1/4	
1/2	2,293.78	1/2	1,929.63	1/2	1,565.46	1/2	1,205.17	1/2	842.08	1/2	477.93	1/2	116.26	1/2		1/2		1/2	
3/4	2,286.20	3/4	1,922.04	3/4	1,557.88	3/4	1,197.59	3/4	834.50	3/4	470.34	3/4	109.94	3/4		3/4		3/4	
2	2,278.61	2	1,914.45	2	1,550.29	2	1,190.00	2	826.93	2	462.75	2	103.61	2		2		2	
1/4	2,271.02	1/4	1,906.87	1/4	1,542.70	1/4	1,182.41	1/4	819.35	1/4	455.16	1/4	97.29	1/4		1/4		1/4	
1/2	2,263.44	1/2	1,899.28	1/2	1,535.12	1/2	1,174.82	1/2	811.77	1/2	447.58	1/2	92.24	1/2		1/2		1/2	
3/4	2,255.85	3/4	1,891.69	3/4	1,527.53	3/4	1,167.24	3/4	804.18	3/4	439.99	3/4	87.19	3/4		3/4		3/4	
3	2,248.26	3	1,884.11	3	1,519.94	3	1,159.65	3	796.59	3	432.40	3	82.14	3		3		3	
1/4	2,240.68	1/4	1,876.52	1/4	1,512.36	1/4	1,152.06	1/4	789.01	1/4	424.81	1/4	77.09	1/4		1/4		1/4	
1/2	2,233.09	1/2	1,868.93	1/2	1,504.77	1/2	1,144.49	1/2	781.42	1/2	417.23	1/2	73.31	1/2		1/2		1/2	
3/4	2,225.50	3/4	1,861.35	3/4	1,497.18	3/4	1,136.91	3/4	773.83	3/4	409.64	3/4	69.53	3/4		3/4		3/4	
4	2,217.92	4	1,853.76	4	1,489.60	4	1,129.34	4	766.24	4	402.05	4	65.76	4		4		4	
1/4	2,210.33	1/4	1,846.17	1/4	1,482.01	1/4	1,121.76	1/4	758.66	1/4	394.46	1/4	61.98	1/4		1/4		1/4	
1/2	2,202.74	1/2	1,838.59	1/2	1,474.51	1/2	1,114.20	1/2	751.07	1/2	386.88	1/2	59.49	1/2		1/2		1/2	
3/4	2,195.16	3/4	1,831.00	3/4	1,467.00	3/4	1,106.64	3/4	743.48	3/4	379.29	3/4	56.99	3/4		3/4		3/4	
5	2,187.57	5	1,823.41	5	1,459.49	5	1,099.08	5	735.90	5	371.70	5	54.50	5		5		5	
1/4	2,179.98	1/4	1,815.83	1/4	1,451.99	1/4	1,091.52	1/4	728.31	1/4	364.11	1/4	52.01	1/4		1/4		1/4	
1/2	2,172.40	1/2	1,808.24	1/2	1,444.56	1/2	1,083.96	1/2	720.72	1/2	356.53	1/2	50.81	1/2		1/2		1/2	
3/4	2,164.81	3/4	1,800.65	3/4	1,437.14	3/4	1,076.41	3/4	713.13	3/4	348.94	3/4	49.61	3/4		3/4		3/4	
6	2,157.23	6	1,793.07	6	1,429.61	6	1,068.85	6	705.55	6	341.35	6	48.42	6		6		6	
1/4	2,149.64	1/4	1,785.48	1/4	1,422.29	1/4	1,061.29	1/4	697.96	1/4	333.76	1/4	47.22	1/4		1/4		1/4	
1/2	2,142.05	1/2	1,777.89	1/2	1,414.86	1/2	1,053.73	1/2	690.37	1/2	326.18	1/2	46.03	1/2		1/2		1/2	
3/4	2,134.47	3/4	1,770.31	3/4	1,407.44	3/4	1,046.17	3/4	682.79	3/4	318.59	3/4	44.84	3/4		3/4		3/4	
7	2,126.88	7	1,762.72	7	1,400.01	7	1,038.61	7	675.20	7	311.00	7	43.65	7		7		7	
1/4	2,119.29	1/4	1,755.13	1/4	1,392.59	1/4	1,031.06	1/4	667.61	1/4	303.41	1/4	42.46	1/4		1/4		1/4	
1/2	2,111.71	1/2	1,747.55	1/2	1,385.16	1/2	1,023.50	1/2	660.02	1/2	295.83	1/2	41.27	1/2		1/2		1/2	
3/4	2,104.12	3/4	1,739.96	3/4	1,377.74	3/4	1,015.94	3/4	652.44	3/4	288.24	3/4	40.08	3/4		3/4		3/4	
8	2,096.53	8	1,732.37	8	1,370.31	8	1,008.38	8	644.85	8	280.65	8	38.89	8		8		8	
1/4	2,088.95	1/4	1,724.79	1/4	1,362.89	1/4	1,000.82	1/4	637.26	1/4	273.06	1/4	37.70	1/4		1/4		1/4	
1/2	2,081.36	1/2	1,717.20	1/2	1,355.46	1/2	993.27	1/2	629.68	1/2	265.48	1/2	36.51	1/2		1/2		1/2	
3/4	2,073.77	3/4	1,709.61	3/4	1,348.04	3/4	985.71	3/4	622.09	3/4	257.89	3/4	35.32	3/4		3/4		3/4	
9	2,066.19	9	1,702.03	9	1,340.61	9	978.15	9	614.50	9	250.30	9	34.13	9		9		9	
1/4	2,058.60	1/4	1,694.44	1/4	1,333.19	1/4	970.59	1/4	606.91	1/4	242.71	1/4	32.94	1/4		1/4		1/4	
1/2	2,051.01	1/2	1,686.85	1/2	1,325.76	1/2	963.03	1/2	599.33	1/2	235.13	1/2	31.75	1/2		1/2		1/2	
3/4	2,043.43	3/4	1,679.27	3/4	1,318.34	3/4	955.47	3/4	591.74	3/4	227.54	3/4	30.56	3/4		3/4		3/4	
10	2,035.84	10	1,671.68	10	1,310.91	10	947.92	10	584.15	10	219.95	10	29.37	10		10		10	
1/4	2,028.25	1/4	1,664.09	1/4	1,303.49	1/4	940.36	1/4	576.56	1/4	212.36	1/4	28.18	1/4		1/4		1/4	
1/2	2,020.67	1/2	1,656.50	1/2	1,295.98	1/2	932.80	1/2	568.98	1/2	204.78	1/2	27.00	1/2		1/2		1/2	
3/4	2,013.08	3/4	1,648.92	3/4	1,288.47	3/4	925.24	3/4	561.39	3/4	197.19	3/4	25.81	3/4		3/4		3/4	
11	2,005.50	11	1,641.33	11	1,280.97	11	917.68	11	553.80	11	189.60	11	24.62	11		11		11	
1/4	1,997.91	1/4	1,633.74	1/4	1,273.46	1/4	910.13	1/4	546.21	1/4	182.01	1/4	23.43	1/4		1/4		1/4	
1/2	1,990.32	1/2	1,626.16	1/2	1,265.87	1/2	902.57	1/2	538.63	1/2	174.43	1/2	22.24	1/2		1/2		1/2	
3/4	1,982.74	3/4	1,618.57	3/4	1,258.29	3/4	895.01	3/4	531.04	3/4	166.84	3/4	21.05	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 09/09/2004 CL - SW
 RECALCULATED: 07/01/2009 CL
 PRINTED: 07/01/2009 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 07/2009

PRECISION MEASUREMENT
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