



BARGE "KIRBY 10076"

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 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8'

LENGTH BETWEEN DRAFT MARKS: 159'-06"

January 22, 2010

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

<http://www.pmacorp.net>



BARGE "KIRBY 10076"

1 CENTER 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

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 ON CENTERLINE AND 28'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 10076"

1 CENTER 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	1,658.69	0	1,396.57	0	1,134.30	0	872.02	0	615.81	0	353.37	0	90.93	0		0		0	
1/4	1,653.24	1/4	1,391.11	1/4	1,128.83	1/4	866.55	1/4	610.36	1/4	347.90	1/4	85.49	1/4		1/4		1/4	
1/2	1,647.78	1/2	1,385.64	1/2	1,123.37	1/2	861.09	1/2	604.91	1/2	342.43	1/2	80.04	1/2		1/2		1/2	
3/4	1,642.33	3/4	1,380.18	3/4	1,117.90	3/4	855.69	3/4	599.44	3/4	336.96	3/4	74.63	3/4		3/4		3/4	
1	1,636.87	1	1,374.72	1	1,112.44	1	850.29	1	593.97	1	331.49	1	69.21	1		1		1	
1/4	1,631.42	1/4	1,369.25	1/4	1,106.98	1/4	844.89	1/4	588.51	1/4	326.03	1/4	63.80	1/4		1/4		1/4	
1/2	1,625.96	1/2	1,363.79	1/2	1,101.51	1/2	839.49	1/2	583.04	1/2	320.56	1/2	58.38	1/2		1/2		1/2	
3/4	1,620.50	3/4	1,358.32	3/4	1,096.05	3/4	834.15	3/4	577.57	3/4	315.09	3/4	53.02	3/4		3/4		3/4	
2	1,615.05	2	1,352.86	2	1,090.58	2	828.81	2	572.11	2	309.62	2	47.66	2		2		2	
1/4	1,609.59	1/4	1,347.40	1/4	1,085.12	1/4	823.47	1/4	566.64	1/4	304.15	1/4	42.29	1/4		1/4		1/4	
1/2	1,604.14	1/2	1,341.93	1/2	1,079.65	1/2	818.13	1/2	561.17	1/2	298.68	1/2	36.93	1/2		1/2		1/2	
3/4	1,598.67	3/4	1,336.47	3/4	1,074.19	3/4	812.80	3/4	555.70	3/4	293.21	3/4	32.37	3/4		3/4		3/4	
3	1,593.21	3	1,331.00	3	1,068.73	3	807.46	3	550.23	3	287.75	3	27.82	3		3		3	
1/4	1,587.75	1/4	1,325.54	1/4	1,063.26	1/4	802.12	1/4	544.77	1/4	282.28	1/4	23.26	1/4		1/4		1/4	
1/2	1,582.28	1/2	1,320.08	1/2	1,057.80	1/2	796.78	1/2	539.30	1/2	276.81	1/2	18.70	1/2		1/2		1/2	
3/4	1,576.82	3/4	1,314.61	3/4	1,052.33	3/4	791.46	3/4	533.83	3/4	271.34	3/4	15.96	3/4		3/4		3/4	
4	1,571.35	4	1,309.15	4	1,046.87	4	786.14	4	528.36	4	265.87	4	13.22	4		4		4	
1/4	1,565.89	1/4	1,303.68	1/4	1,041.41	1/4	780.82	1/4	522.89	1/4	260.40	1/4	10.48	1/4		1/4		1/4	
1/2	1,560.43	1/2	1,298.22	1/2	1,035.94	1/2	775.50	1/2	517.42	1/2	254.94	1/2	7.74	1/2		1/2		1/2	
3/4	1,554.96	3/4	1,292.75	3/4	1,030.48	3/4	770.20	3/4	511.95	3/4	249.47	3/4	6.83	3/4		3/4		3/4	
5	1,549.50	5	1,287.29	5	1,025.01	5	764.89	5	506.49	5	244.00	5	5.91	5		5		5	
1/4	1,544.03	1/4	1,281.83	1/4	1,019.55	1/4	759.59	1/4	501.02	1/4	238.53	1/4	5.00	1/4		1/4		1/4	
1/2	1,538.57	1/2	1,276.36	1/2	1,014.09	1/2	754.28	1/2	495.55	1/2	233.06	1/2	4.09	1/2		1/2		1/2	
3/4	1,533.11	3/4	1,270.90	3/4	1,008.62	3/4	748.98	3/4	490.08	3/4	227.59	3/4	3.18	3/4		3/4		3/4	
6	1,527.65	6	1,265.43	6	1,003.16	6	743.67	6	484.61	6	222.12	6	2.26	6		6		6	
1/4	1,522.18	1/4	1,259.97	1/4	997.69	1/4	738.37	1/4	479.14	1/4	216.66	1/4	1.35	1/4		1/4		1/4	
1/2	1,516.72	1/2	1,254.51	1/2	992.23	1/2	733.06	1/2	473.68	1/2	211.19	1/2	0.44	1/2		1/2		1/2	
3/4	1,511.26	3/4	1,249.04	3/4	986.77	3/4	727.76	3/4	468.21	3/4	205.72	3/4	0.53	3/4		3/4		3/4	
7	1,505.80	7	1,243.58	7	981.30	7	722.45	7	462.74	7	200.25	7	0.62	7		7		7	
1/4	1,500.34	1/4	1,238.11	1/4	975.84	1/4	717.15	1/4	457.27	1/4	194.78	1/4	0.71	1/4		1/4		1/4	
1/2	1,494.88	1/2	1,232.65	1/2	970.37	1/2	711.84	1/2	451.80	1/2	189.31	1/2	0.80	1/2		1/2		1/2	
3/4	1,489.42	3/4	1,227.19	3/4	964.91	3/4	706.54	3/4	446.33	3/4	183.84	3/4	0.89	3/4		3/4		3/4	
8	1,483.95	8	1,221.72	8	959.44	8	701.23	8	440.86	8	178.38	8	0.98	8		8		8	
1/4	1,478.49	1/4	1,216.26	1/4	953.98	1/4	695.93	1/4	435.40	1/4	172.91	1/4	1.07	1/4		1/4		1/4	
1/2	1,473.03	1/2	1,210.79	1/2	948.52	1/2	690.62	1/2	429.93	1/2	167.44	1/2	1.16	1/2		1/2		1/2	
3/4	1,467.57	3/4	1,205.33	3/4	943.05	3/4	685.32	3/4	424.46	3/4	161.97	3/4	1.25	3/4		3/4		3/4	
9	1,462.11	9	1,199.87	9	937.59	9	680.01	9	418.99	9	156.50	9	1.34	9		9		9	
1/4	1,456.65	1/4	1,194.40	1/4	932.12	1/4	674.71	1/4	413.52	1/4	151.04	1/4	1.43	1/4		1/4		1/4	
1/2	1,451.19	1/2	1,188.94	1/2	926.66	1/2	669.40	1/2	408.05	1/2	145.57	1/2	1.52	1/2		1/2		1/2	
3/4	1,445.73	3/4	1,183.47	3/4	921.20	3/4	664.10	3/4	402.58	3/4	140.09	3/4	1.61	3/4		3/4		3/4	
10	1,440.27	10	1,178.01	10	915.73	10	658.79	10	397.12	10	134.62	10	1.70	10		10		10	
1/4	1,434.81	1/4	1,172.54	1/4	910.27	1/4	653.49	1/4	391.65	1/4	129.14	1/4	1.79	1/4		1/4		1/4	
1/2	1,429.34	1/2	1,167.08	1/2	904.80	1/2	648.18	1/2	386.18	1/2	123.67	1/2	1.88	1/2		1/2		1/2	
3/4	1,423.88	3/4	1,161.62	3/4	899.34	3/4	642.81	3/4	380.71	3/4	118.21	3/4	1.97	3/4		3/4		3/4	
11	1,418.42	11	1,156.15	11	893.88	11	637.45	11	375.24	11	112.74	11	2.06	11		11		11	
1/4	1,412.96	1/4	1,150.69	1/4	888.41	1/4	632.08	1/4	369.77	1/4	107.28	1/4	2.15	1/4		1/4		1/4	
1/2	1,407.50	1/2	1,145.22	1/2	882.95	1/2	626.71	1/2	364.31	1/2	101.82	1/2	2.24	1/2		1/2		1/2	
3/4	1,402.04	3/4	1,139.76	3/4	877.48	3/4	621.26	3/4	358.84	3/4	96.37	3/4	2.33	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/21/2010 CL - SW
 CALCULATED: 01/22/2010 CL
 PRINTED: 01/22/2010 CL
 CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2010

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10076"

2 CENTER

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	1,611.09	0	1,357.52	0	1,103.79	0	851.92	0	602.28	0	348.57	0	94.94	0		0			
1/4	1,605.81	1/4	1,352.24	1/4	1,098.51	1/4	846.72	1/4	596.99	1/4	343.28	1/4	89.69	1/4		1/4			1/4
1/2	1,600.52	1/2	1,346.95	1/2	1,093.22	1/2	841.52	1/2	591.71	1/2	337.99	1/2	84.44	1/2		1/2			1/2
3/4	1,595.24	3/4	1,341.67	3/4	1,087.93	3/4	836.32	3/4	586.42	3/4	332.71	3/4	79.19	3/4		3/4			3/4
1	1,589.96	1	1,336.38	1	1,082.65	1	831.12	1	581.14	1	327.42	1	73.94	1		1			1
1/4	1,584.68	1/4	1,331.09	1/4	1,077.36	1/4	825.92	1/4	575.85	1/4	322.14	1/4	68.72	1/4		1/4			1/4
1/2	1,579.39	1/2	1,325.81	1/2	1,072.07	1/2	820.72	1/2	570.56	1/2	316.85	1/2	63.49	1/2		1/2			1/2
3/4	1,574.11	3/4	1,320.52	3/4	1,066.79	3/4	815.52	3/4	565.28	3/4	311.57	3/4	58.27	3/4		3/4			3/4
2	1,568.83	2	1,315.24	2	1,061.50	2	810.32	2	559.99	2	306.28	2	53.05	2		2			2
1/4	1,563.55	1/4	1,309.95	1/4	1,056.22	1/4	805.11	1/4	554.71	1/4	300.99	1/4	47.88	1/4		1/4			1/4
1/2	1,558.26	1/2	1,304.66	1/2	1,050.93	1/2	799.91	1/2	549.42	1/2	295.71	1/2	42.70	1/2		1/2			1/2
3/4	1,552.98	3/4	1,299.38	3/4	1,045.64	3/4	794.71	3/4	544.14	3/4	290.42	3/4	37.53	3/4		3/4			3/4
3	1,547.70	3	1,294.09	3	1,040.36	3	789.51	3	538.85	3	285.14	3	32.36	3		3			3
1/4	1,542.42	1/4	1,288.81	1/4	1,035.07	1/4	784.31	1/4	533.57	1/4	279.85	1/4	27.96	1/4		1/4			1/4
1/2	1,537.13	1/2	1,283.52	1/2	1,029.79	1/2	779.12	1/2	528.28	1/2	274.57	1/2	23.57	1/2		1/2			1/2
3/4	1,531.85	3/4	1,278.23	3/4	1,024.50	3/4	773.92	3/4	522.99	3/4	269.28	3/4	19.17	3/4		3/4			3/4
4	1,526.57	4	1,272.95	4	1,019.21	4	768.73	4	517.71	4	263.99	4	14.77	4		4			4
1/4	1,521.28	1/4	1,267.66	1/4	1,013.93	1/4	763.53	1/4	512.42	1/4	258.71	1/4	12.13	1/4		1/4			1/4
1/2	1,516.00	1/2	1,262.37	1/2	1,008.64	1/2	758.33	1/2	507.14	1/2	253.42	1/2	9.49	1/2		1/2			1/2
3/4	1,510.72	3/4	1,257.09	3/4	1,003.36	3/4	753.14	3/4	501.85	3/4	248.14	3/4	6.84	3/4		3/4			3/4
5	1,505.44	5	1,251.80	5	998.07	5	747.94	5	496.57	5	242.85	5	4.20	5		5			5
1/4	1,500.15	1/4	1,246.52	1/4	992.78	1/4	742.75	1/4	491.28	1/4	237.57	1/4	3.32	1/4		1/4			1/4
1/2	1,494.87	1/2	1,241.23	1/2	987.50	1/2	737.55	1/2	485.99	1/2	232.28	1/2	2.44	1/2		1/2			1/2
3/4	1,489.59	3/4	1,235.94	3/4	982.21	3/4	732.36	3/4	480.71	3/4	226.99	3/4	1.56	3/4		3/4			3/4
6	1,484.31	6	1,230.66	6	976.93	6	727.16	6	475.42	6	221.71	6	0.68	6		6			6
1/4	1,479.02	1/4	1,225.37	1/4	971.68	1/4	721.96	1/4	470.14	1/4	216.42	1/4		1/4		1/4			1/4
1/2	1,473.74	1/2	1,220.09	1/2	966.44	1/2	716.77	1/2	464.85	1/2	211.14	1/2		1/2		1/2			1/2
3/4	1,468.46	3/4	1,214.80	3/4	961.19	3/4	711.57	3/4	459.57	3/4	205.85	3/4		3/4		3/4			3/4
7	1,463.18	7	1,209.51	7	955.95	7	706.38	7	454.28	7	200.57	7		7		7			7
1/4	1,457.89	1/4	1,204.23	1/4	950.75	1/4	701.18	1/4	448.99	1/4	195.28	1/4		1/4		1/4			1/4
1/2	1,452.61	1/2	1,198.94	1/2	945.55	1/2	695.98	1/2	443.71	1/2	189.99	1/2		1/2		1/2			1/2
3/4	1,447.33	3/4	1,193.66	3/4	940.35	3/4	690.79	3/4	438.42	3/4	184.71	3/4		3/4		3/4			3/4
8	1,442.05	8	1,188.37	8	935.14	8	685.59	8	433.14	8	179.42	8		8		8			8
1/4	1,436.76	1/4	1,183.08	1/4	929.94	1/4	680.40	1/4	427.85	1/4	174.14	1/4		1/4		1/4			1/4
1/2	1,431.48	1/2	1,177.80	1/2	924.74	1/2	675.20	1/2	422.57	1/2	168.85	1/2		1/2		1/2			1/2
3/4	1,426.20	3/4	1,172.51	3/4	919.54	3/4	670.00	3/4	417.28	3/4	163.57	3/4		3/4		3/4			3/4
9	1,420.92	9	1,167.22	9	914.34	9	664.81	9	411.99	9	158.28	9		9		9			9
1/4	1,415.63	1/4	1,161.94	1/4	909.14	1/4	659.61	1/4	406.71	1/4	153.00	1/4		1/4		1/4			1/4
1/2	1,410.35	1/2	1,156.65	1/2	903.94	1/2	654.42	1/2	401.42	1/2	147.71	1/2		1/2		1/2			1/2
3/4	1,405.07	3/4	1,151.37	3/4	898.74	3/4	649.22	3/4	396.14	3/4	142.43	3/4		3/4		3/4			3/4
10	1,399.79	10	1,146.08	10	893.53	10	644.03	10	390.85	10	137.14	10		10		10			10
1/4	1,394.50	1/4	1,140.79	1/4	888.33	1/4	638.83	1/4	385.57	1/4	131.86	1/4		1/4		1/4			1/4
1/2	1,389.22	1/2	1,135.51	1/2	883.13	1/2	633.64	1/2	380.28	1/2	126.58	1/2		1/2		1/2			1/2
3/4	1,383.94	3/4	1,130.22	3/4	877.93	3/4	628.44	3/4	374.99	3/4	121.30	3/4		3/4		3/4			3/4
11	1,378.65	11	1,124.94	11	872.73	11	623.25	11	369.71	11	116.02	11		11		11			11
1/4	1,373.37	1/4	1,119.65	1/4	867.53	1/4	618.00	1/4	364.42	1/4	110.75	1/4		1/4		1/4			1/4
1/2	1,368.09	1/2	1,114.36	1/2	862.33	1/2	612.76	1/2	359.14	1/2	105.48	1/2		1/2		1/2			1/2
3/4	1,362.81	3/4	1,109.08	3/4	857.13	3/4	607.52	3/4	353.85	3/4	100.21	3/4		3/4		3/4			3/4

STRAPPED: 01/21/2010 CL - SW
 CALCULATED: 01/22/2010 CL
 PRINTED: 01/22/2010 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2010

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 10076"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

IN	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0	1,594.42	0	1,342.49	0	1,090.40	0	839.26	0	567.87	0	335.80	0	83.90	0						
1/4	1,589.17	1/4	1,337.24	1/4	1,085.15	1/4	834.05	1/4	582.62	1/4	330.55	1/4	78.68	1/4					1/4	
1/2	1,583.92	1/2	1,331.99	1/2	1,079.90	1/2	828.83	1/2	577.37	1/2	325.30	1/2	73.46	1/2					1/2	
3/4	1,578.67	3/4	1,326.73	3/4	1,074.65	3/4	823.62	3/4	572.12	3/4	320.05	3/4	68.27	3/4					3/4	
1	1,573.42	1	1,321.48	1	1,069.40	1	818.40	1	566.87	1	314.80	1	63.09	1					1	
1/4	1,568.17	1/4	1,316.23	1/4	1,064.14	1/4	813.19	1/4	561.61	1/4	309.55	1/4	57.90	1/4					1/4	
1/2	1,562.93	1/2	1,310.98	1/2	1,058.89	1/2	807.97	1/2	556.36	1/2	304.30	1/2	52.71	1/2					1/2	
3/4	1,557.68	3/4	1,305.73	3/4	1,053.64	3/4	802.76	3/4	551.11	3/4	299.04	3/4	47.57	3/4					3/4	
2	1,552.43	2	1,300.48	2	1,048.39	2	797.54	2	545.86	2	293.79	2	42.43	2					2	
1/4	1,547.18	1/4	1,295.22	1/4	1,043.14	1/4	792.33	1/4	540.61	1/4	288.54	1/4	37.29	1/4					1/4	
1/2	1,541.93	1/2	1,289.97	1/2	1,037.89	1/2	787.11	1/2	535.36	1/2	283.29	1/2	32.15	1/2					1/2	
3/4	1,536.68	3/4	1,284.72	3/4	1,032.63	3/4	781.90	3/4	530.11	3/4	278.04	3/4	27.00	3/4					3/4	
3	1,531.44	3	1,279.47	3	1,027.38	3	776.69	3	524.85	3	272.79	3	23.42	3					3	
1/4	1,526.19	1/4	1,274.22	1/4	1,022.13	1/4	771.48	1/4	519.60	1/4	267.54	1/4	19.05	1/4					1/4	
1/2	1,520.94	1/2	1,268.96	1/2	1,016.88	1/2	766.27	1/2	514.35	1/2	262.28	1/2	14.68	1/2					1/2	
3/4	1,515.69	3/4	1,263.71	3/4	1,011.63	3/4	761.02	3/4	509.10	3/4	257.03	3/4	12.06	3/4					3/4	
4	1,510.44	4	1,258.46	4	1,006.37	4	755.78	4	503.85	4	251.78	4	9.43	4					4	
1/4	1,505.19	1/4	1,253.21	1/4	1,001.12	1/4	750.53	1/4	498.60	1/4	246.53	1/4	6.80	1/4					1/4	
1/2	1,499.95	1/2	1,247.96	1/2	995.87	1/2	745.28	1/2	493.35	1/2	241.28	1/2	4.18	1/2					1/2	
3/4	1,494.70	3/4	1,242.71	3/4	990.62	3/4	740.04	3/4	488.09	3/4	236.03	3/4	3.30	3/4					3/4	
5	1,489.45	5	1,237.45	5	985.37	5	734.79	5	482.84	5	230.78	5	2.43	5					5	
1/4	1,484.20	1/4	1,232.20	1/4	980.12	1/4	729.55	1/4	477.59	1/4	225.52	1/4	1.55	1/4					1/4	
1/2	1,478.95	1/2	1,226.95	1/2	974.86	1/2	724.30	1/2	472.34	1/2	220.27	1/2	0.68	1/2					1/2	
3/4	1,473.70	3/4	1,221.70	3/4	969.65	3/4	719.05	3/4	467.09	3/4	215.02	3/4		3/4					3/4	
6	1,468.46	6	1,216.45	6	964.43	6	713.81	6	461.84	6	209.77	6		6					6	
1/4	1,463.21	1/4	1,211.20	1/4	959.22	1/4	708.56	1/4	456.59	1/4	204.52	1/4		1/4					1/4	
1/2	1,457.96	1/2	1,205.94	1/2	954.00	1/2	703.31	1/2	451.33	1/2	199.27	1/2		1/2					1/2	
3/4	1,452.71	3/4	1,200.69	3/4	948.79	3/4	698.07	3/4	446.08	3/4	194.02	3/4		3/4					3/4	
7	1,447.46	7	1,195.44	7	943.57	7	692.82	7	440.83	7	188.76	7		7					7	
1/4	1,442.21	1/4	1,190.19	1/4	938.36	1/4	687.57	1/4	435.58	1/4	183.51	1/4		1/4					1/4	
1/2	1,436.97	1/2	1,184.94	1/2	933.14	1/2	682.33	1/2	430.33	1/2	178.26	1/2		1/2					1/2	
3/4	1,431.72	3/4	1,179.68	3/4	927.93	3/4	677.08	3/4	425.08	3/4	173.01	3/4		3/4					3/4	
8	1,426.47	8	1,174.43	8	922.71	8	671.83	8	419.83	8	167.76	8		8					8	
1/4	1,421.22	1/4	1,169.18	1/4	917.49	1/4	666.59	1/4	414.58	1/4	162.51	1/4		1/4					1/4	
1/2	1,415.97	1/2	1,163.93	1/2	912.28	1/2	661.34	1/2	409.32	1/2	157.26	1/2		1/2					1/2	
3/4	1,410.72	3/4	1,158.68	3/4	907.06	3/4	656.09	3/4	404.07	3/4	152.01	3/4		3/4					3/4	
9	1,405.48	9	1,153.43	9	901.85	9	650.85	9	398.82	9	146.75	9		9					9	
1/4	1,400.23	1/4	1,148.17	1/4	896.63	1/4	645.60	1/4	393.57	1/4	141.50	1/4		1/4					1/4	
1/2	1,394.98	1/2	1,142.92	1/2	891.42	1/2	640.35	1/2	388.32	1/2	136.25	1/2		1/2					1/2	
3/4	1,389.73	3/4	1,137.67	3/4	886.20	3/4	635.11	3/4	383.07	3/4	131.01	3/4		3/4					3/4	
10	1,384.48	10	1,132.42	10	880.99	10	629.86	10	377.82	10	125.76	10		10					10	
1/4	1,379.24	1/4	1,127.17	1/4	875.77	1/4	624.62	1/4	372.56	1/4	120.52	1/4		1/4					1/4	
1/2	1,373.99	1/2	1,121.91	1/2	870.56	1/2	619.37	1/2	367.31	1/2	115.27	1/2		1/2					1/2	
3/4	1,368.74	3/4	1,116.66	3/4	865.34	3/4	614.12	3/4	362.06	3/4	110.00	3/4		3/4					3/4	
11	1,363.49	11	1,111.41	11	860.13	11	608.87	11	356.81	11	104.84	11		11					11	
1/4	1,358.24	1/4	1,106.16	1/4	854.91	1/4	603.62	1/4	351.56	1/4	99.57	1/4		1/4					1/4	
1/2	1,352.99	1/2	1,100.91	1/2	849.69	1/2	598.37	1/2	346.31	1/2	94.33	1/2		1/2					1/2	
3/4	1,347.74	3/4	1,095.66	3/4	844.48	3/4	593.12	3/4	341.06	3/4	89.11	3/4		3/4					3/4	

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CANCELS AND SUPERCEDES ALL PRIOR TO 01/2010

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Paul J. Lamm