



# BARGE "KIRBY 10074"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

### EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 159'-06"

January 15, 2010

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

<http://www.pmacorp.net>





# BARGE "KIRBY 10074"

## 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	1,669.60	0	1,407.50	0	1,145.22	0	882.95	0	626.71	0	384.31	0	101.82	0		0		0	
1/4	1,664.15	1/4	1,402.04	1/4	1,139.76	1/4	877.48	1/4	621.26	1/4	358.84	1/4	96.37	1/4		1/4		1/4	
1/2	1,658.69	1/2	1,396.57	1/2	1,134.30	1/2	872.02	1/2	615.81	1/2	337.90	1/2	90.93	1/2		1/2		1/2	
3/4	1,653.24	3/4	1,391.11	3/4	1,128.83	3/4	866.55	3/4	610.36	3/4	347.97	3/4	85.49	3/4		3/4		3/4	
1	1,647.78	1	1,385.64	1	1,123.37	1	861.09	1	604.91	1	342.43	1	80.04	1		1		1	
1/4	1,642.33	1/4	1,380.18	1/4	1,117.90	1/4	855.69	1/4	599.44	1/4	336.96	1/4	74.63	1/4		1/4		1/4	
1/2	1,636.87	1/2	1,374.72	1/2	1,112.44	1/2	850.29	1/2	593.97	1/2	331.49	1/2	69.21	1/2		1/2		1/2	
3/4	1,631.42	3/4	1,369.25	3/4	1,106.98	3/4	844.89	3/4	588.51	3/4	326.03	3/4	63.80	3/4		3/4		3/4	
1	1,625.96	1	1,363.79	1	1,101.51	1	839.49	1	583.04	1	320.56	1	58.38	1		1		1	
1/4	1,620.50	1/4	1,358.32	1/4	1,096.05	1/4	834.15	1/4	577.57	1/4	315.09	1/4	53.02	1/4		1/4		1/4	
1/2	1,615.05	1/2	1,352.86	1/2	1,090.58	1/2	828.81	1/2	572.11	1/2	309.62	1/2	47.66	1/2		1/2		1/2	
3/4	1,609.59	3/4	1,347.40	3/4	1,085.12	3/4	823.47	3/4	566.64	3/4	304.15	3/4	42.29	3/4		3/4		3/4	
1	1,604.14	1	1,341.93	1	1,079.65	1	818.13	1	561.17	1	298.68	1	36.93	1		1		1	
1/4	1,598.67	1/4	1,336.47	1/4	1,074.19	1/4	812.80	1/4	555.70	1/4	293.21	1/4	32.37	1/4		1/4		1/4	
1/2	1,593.21	1/2	1,331.00	1/2	1,068.73	1/2	807.46	1/2	550.23	1/2	287.75	1/2	27.82	1/2		1/2		1/2	
3/4	1,587.75	3/4	1,325.54	3/4	1,063.26	3/4	802.12	3/4	544.77	3/4	282.28	3/4	23.26	3/4		3/4		3/4	
1	1,582.28	1	1,320.08	1	1,057.80	1	796.78	1	539.30	1	276.81	1	18.70	1		1		1	
1/4	1,576.82	1/4	1,314.61	1/4	1,052.33	1/4	791.46	1/4	533.83	1/4	271.34	1/4	15.96	1/4		1/4		1/4	
1/2	1,571.35	1/2	1,309.15	1/2	1,046.87	1/2	786.14	1/2	528.36	1/2	265.87	1/2	13.22	1/2		1/2		1/2	
3/4	1,565.89	3/4	1,303.68	3/4	1,041.41	3/4	780.82	3/4	522.89	3/4	260.40	3/4	10.48	3/4		3/4		3/4	
1	1,560.43	1	1,298.22	1	1,035.94	1	775.50	1	517.42	1	254.94	1	7.74	1		1		1	
1/4	1,554.96	1/4	1,292.75	1/4	1,030.48	1/4	770.20	1/4	511.95	1/4	249.47	1/4	6.83	1/4		1/4		1/4	
1/2	1,549.50	1/2	1,287.29	1/2	1,025.01	1/2	764.89	1/2	506.49	1/2	244.00	1/2	5.91	1/2		1/2		1/2	
3/4	1,544.03	3/4	1,281.83	3/4	1,019.55	3/4	759.59	3/4	501.02	3/4	238.53	3/4	5.00	3/4		3/4		3/4	
1	1,538.57	1	1,276.36	1	1,014.09	1	754.28	1	495.55	1	233.06	1	4.09	1		1		1	
1/4	1,533.11	1/4	1,270.90	1/4	1,008.62	1/4	748.98	1/4	490.08	1/4	227.59	1/4	3.18	1/4		1/4		1/4	
1/2	1,527.65	1/2	1,265.43	1/2	1,003.16	1/2	743.67	1/2	484.61	1/2	222.12	1/2	2.27	1/2		1/2		1/2	
3/4	1,522.18	3/4	1,259.97	3/4	997.69	3/4	738.37	3/4	479.14	3/4	216.66	3/4	1.36	3/4		3/4		3/4	
1	1,516.72	1	1,254.51	1	992.23	1	733.06	1	473.68	1	211.19	1	0.45	1		1		1	
1/4	1,511.26	1/4	1,249.04	1/4	986.77	1/4	727.76	1/4	468.21	1/4	205.72	1/4	0.54	1/4		1/4		1/4	
1/2	1,505.80	1/2	1,243.58	1/2	981.30	1/2	722.45	1/2	462.74	1/2	200.25	1/2	0.63	1/2		1/2		1/2	
3/4	1,500.34	3/4	1,238.11	3/4	975.84	3/4	717.15	3/4	457.27	3/4	194.78	3/4	0.72	3/4		3/4		3/4	
1	1,494.88	1	1,232.65	1	970.37	1	711.84	1	451.80	1	189.31	1	0.81	1		1		1	
1/4	1,489.42	1/4	1,227.19	1/4	964.91	1/4	706.54	1/4	446.33	1/4	183.84	1/4	0.90	1/4		1/4		1/4	
1/2	1,483.95	1/2	1,221.72	1/2	959.44	1/2	701.23	1/2	440.86	1/2	178.38	1/2	0.99	1/2		1/2		1/2	
3/4	1,478.49	3/4	1,216.26	3/4	953.98	3/4	695.93	3/4	435.40	3/4	172.91	3/4	1.08	3/4		3/4		3/4	
1	1,473.03	1	1,210.79	1	948.52	1	690.62	1	429.93	1	167.44	1	1.17	1		1		1	
1/4	1,467.57	1/4	1,205.33	1/4	943.05	1/4	685.32	1/4	424.46	1/4	161.97	1/4	1.26	1/4		1/4		1/4	
1/2	1,462.11	1/2	1,199.87	1/2	937.59	1/2	680.01	1/2	418.99	1/2	156.50	1/2	1.35	1/2		1/2		1/2	
3/4	1,456.65	3/4	1,194.40	3/4	932.12	3/4	674.71	3/4	413.52	3/4	151.04	3/4	1.44	3/4		3/4		3/4	
1	1,451.19	1	1,188.94	1	926.66	1	669.40	1	408.05	1	145.57	1	1.53	1		1		1	
1/4	1,445.73	1/4	1,183.47	1/4	921.20	1/4	664.10	1/4	402.58	1/4	140.09	1/4	1.62	1/4		1/4		1/4	
1/2	1,440.27	1/2	1,178.01	1/2	915.73	1/2	658.79	1/2	397.12	1/2	134.62	1/2	1.71	1/2		1/2		1/2	
3/4	1,434.81	3/4	1,172.54	3/4	910.27	3/4	653.49	3/4	391.65	3/4	129.14	3/4	1.80	3/4		3/4		3/4	
1	1,429.34	1	1,167.08	1	904.80	1	648.18	1	386.18	1	123.67	1	1.89	1		1		1	
1/4	1,423.88	1/4	1,161.62	1/4	899.34	1/4	642.81	1/4	380.71	1/4	118.21	1/4	1.98	1/4		1/4		1/4	
1/2	1,418.42	1/2	1,156.15	1/2	893.88	1/2	637.45	1/2	375.24	1/2	112.74	1/2	2.07	1/2		1/2		1/2	
3/4	1,412.96	3/4	1,150.69	3/4	888.41	3/4	632.08	3/4	369.77	3/4	107.28	3/4	2.16	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2010 CL - SW  
 CALCULATED: 01/15/2010 CL  
 PRINTED: 01/15/2010 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 01/2010

PRECISION MEASUREMENT  
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# BARGE "KIRBY 10074"

## 2 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 27'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.  
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# BARGE "KIRBY 10074"

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 01/14/2010 CL - SW  
CALCULATED: 01/15/2010 CL  
PRINTED: 01/15/2010 CL

CANCELS AND SUPERCEDES  
ALL PRIOR TO 01/2010

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





# BARGE "KIRBY 10074"

## 3 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	1,610.16	0	1,358.24	0	1,106.16	0	854.91	0	603.62	0	351.56	0	99.57	0		0		0	
1/4	1,604.91	1/4	1,352.99	1/4	1,100.91	1/4	849.69	1/4	598.37	1/4	346.31	1/4	94.33	1/4		1/4		1/4	
1/2	1,599.66	1/2	1,347.74	1/2	1,095.66	1/2	844.48	1/2	593.12	1/2	341.06	1/2	89.11	1/2		1/2		1/2	
3/4	1,594.42	3/4	1,342.49	3/4	1,090.40	3/4	839.26	3/4	587.87	3/4	335.80	3/4	83.90	3/4		3/4		3/4	
1	1,589.17	1	1,337.24	1	1,085.15	1	834.05	1	582.62	1	330.55	1	78.68	1		1		1	
1/4	1,583.92	1/4	1,331.99	1/4	1,079.90	1/4	828.83	1/4	577.37	1/4	325.30	1/4	73.46	1/4		1/4		1/4	
1/2	1,578.67	1/2	1,326.73	1/2	1,074.65	1/2	823.62	1/2	572.12	1/2	320.05	1/2	68.27	1/2		1/2		1/2	
3/4	1,573.42	3/4	1,321.48	3/4	1,069.40	3/4	818.40	3/4	566.87	3/4	314.80	3/4	63.09	3/4		3/4		3/4	
2	1,568.17	2	1,316.23	2	1,064.14	2	813.19	2	561.61	2	309.55	2	57.90	2		2		2	
1/4	1,562.93	1/4	1,310.98	1/4	1,058.89	1/4	807.97	1/4	556.36	1/4	304.30	1/4	52.71	1/4		1/4		1/4	
1/2	1,557.68	1/2	1,305.73	1/2	1,053.64	1/2	802.76	1/2	551.11	1/2	299.04	1/2	47.57	1/2		1/2		1/2	
3/4	1,552.43	3/4	1,300.48	3/4	1,048.39	3/4	797.54	3/4	545.86	3/4	293.79	3/4	42.43	3/4		3/4		3/4	
3	1,547.18	3	1,295.22	3	1,043.14	3	792.33	3	540.61	3	288.54	3	37.29	3		3		3	
1/4	1,541.93	1/4	1,289.97	1/4	1,037.89	1/4	787.11	1/4	535.36	1/4	283.29	1/4	32.15	1/4		1/4		1/4	
1/2	1,536.68	1/2	1,284.72	1/2	1,032.63	1/2	781.90	1/2	530.11	1/2	278.04	1/2	27.01	1/2		1/2		1/2	
3/4	1,531.44	3/4	1,279.47	3/4	1,027.38	3/4	776.69	3/4	524.85	3/4	272.79	3/4	21.87	3/4		3/4		3/4	
4	1,526.19	4	1,274.22	4	1,022.13	4	771.48	4	519.60	4	267.54	4	16.73	4		4		4	
1/4	1,520.94	1/4	1,268.96	1/4	1,016.88	1/4	766.27	1/4	514.35	1/4	262.28	1/4	11.59	1/4		1/4		1/4	
1/2	1,515.69	1/2	1,263.71	1/2	1,011.63	1/2	761.02	1/2	509.10	1/2	257.03	1/2	6.45	1/2		1/2		1/2	
3/4	1,510.44	3/4	1,258.46	3/4	1,006.37	3/4	755.78	3/4	503.85	3/4	251.78	3/4	1.31	3/4		3/4		3/4	
5	1,505.19	5	1,253.21	5	1,001.12	5	750.53	5	498.60	5	246.53	5	0.17	5		5		5	
1/4	1,499.95	1/4	1,247.96	1/4	995.87	1/4	745.28	1/4	493.35	1/4	241.28	1/4	0.02	1/4		1/4		1/4	
1/2	1,494.70	1/2	1,242.71	1/2	990.62	1/2	740.04	1/2	488.09	1/2	236.03	1/2	0.00	1/2		1/2		1/2	
3/4	1,489.45	3/4	1,237.45	3/4	985.37	3/4	734.79	3/4	482.84	3/4	230.78	3/4	0.00	3/4		3/4		3/4	
6	1,484.20	6	1,232.20	6	980.12	6	729.55	6	477.59	6	225.52	6	0.00	6		6		6	
1/4	1,478.95	1/4	1,226.95	1/4	974.86	1/4	724.30	1/4	472.34	1/4	220.27	1/4	0.00	1/4		1/4		1/4	
1/2	1,473.70	1/2	1,221.70	1/2	969.65	1/2	719.05	1/2	467.09	1/2	215.02	1/2	0.00	1/2		1/2		1/2	
3/4	1,468.46	3/4	1,216.45	3/4	964.43	3/4	713.81	3/4	461.84	3/4	209.77	3/4	0.00	3/4		3/4		3/4	
7	1,463.21	7	1,211.20	7	959.22	7	708.56	7	456.59	7	204.52	7	0.00	7		7		7	
1/4	1,457.96	1/4	1,205.94	1/4	954.00	1/4	703.31	1/4	451.33	1/4	199.27	1/4	0.00	1/4		1/4		1/4	
1/2	1,452.71	1/2	1,200.69	1/2	948.79	1/2	698.07	1/2	446.08	1/2	194.02	1/2	0.00	1/2		1/2		1/2	
3/4	1,447.46	3/4	1,195.44	3/4	943.57	3/4	692.82	3/4	440.83	3/4	188.76	3/4	0.00	3/4		3/4		3/4	
8	1,442.21	8	1,190.19	8	938.36	8	687.57	8	435.58	8	183.51	8	0.00	8		8		8	
1/4	1,436.97	1/4	1,184.94	1/4	933.14	1/4	682.33	1/4	430.33	1/4	178.26	1/4	0.00	1/4		1/4		1/4	
1/2	1,431.72	1/2	1,179.68	1/2	927.93	1/2	677.08	1/2	425.08	1/2	173.01	1/2	0.00	1/2		1/2		1/2	
3/4	1,426.47	3/4	1,174.43	3/4	922.71	3/4	671.83	3/4	419.83	3/4	167.76	3/4	0.00	3/4		3/4		3/4	
9	1,421.22	9	1,169.18	9	917.49	9	666.59	9	414.58	9	162.51	9	0.00	9		9		9	
1/4	1,415.97	1/4	1,163.93	1/4	912.28	1/4	661.34	1/4	409.32	1/4	157.26	1/4	0.00	1/4		1/4		1/4	
1/2	1,410.72	1/2	1,158.68	1/2	907.06	1/2	656.09	1/2	404.07	1/2	152.01	1/2	0.00	1/2		1/2		1/2	
3/4	1,405.48	3/4	1,153.43	3/4	901.85	3/4	650.85	3/4	398.82	3/4	146.75	3/4	0.00	3/4		3/4		3/4	
10	1,400.23	10	1,148.17	10	896.63	10	645.60	10	393.57	10	141.50	10	0.00	10		10		10	
1/4	1,394.98	1/4	1,142.92	1/4	891.42	1/4	640.35	1/4	388.32	1/4	136.25	1/4	0.00	1/4		1/4		1/4	
1/2	1,389.73	1/2	1,137.67	1/2	886.20	1/2	635.11	1/2	383.07	1/2	131.01	1/2	0.00	1/2		1/2		1/2	
3/4	1,384.48	3/4	1,132.42	3/4	880.99	3/4	629.86	3/4	377.82	3/4	125.76	3/4	0.00	3/4		3/4		3/4	
11	1,379.24	11	1,127.17	11	875.77	11	624.62	11	372.56	11	120.52	11	0.00	11		11		11	
1/4	1,373.99	1/4	1,121.91	1/4	870.56	1/4	619.37	1/4	367.31	1/4	115.27	1/4	0.00	1/4		1/4		1/4	
1/2	1,368.74	1/2	1,116.66	1/2	865.34	1/2	614.12	1/2	362.06	1/2	110.04	1/2	0.00	1/2		1/2		1/2	
3/4	1,363.49	3/4	1,111.41	3/4	860.13	3/4	608.87	3/4	356.81	3/4	104.80	3/4	0.00	3/4		3/4		3/4	

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