



BARGE "KIRBY 10236"

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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4	00-7/8	- 00-7/8
2 CENTER	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	00-1/2	- 00-1/2
3 CENTER	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	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 - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

June 13, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 10236"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,863.25	0	1,566.89	0	1,270.39	0	973.89	0	683.46	0	386.76	0	90.17	0		0		0	
1/4	1,857.08	1/4	1,560.71	1/4	1,264.21	1/4	967.77	1/4	677.28	1/4	380.58	1/4	84.05	1/4	1/4	1/4		1/4	
1/2	1,850.91	1/2	1,554.53	1/2	1,258.03	1/2	961.66	1/2	671.10	1/2	374.40	1/2	77.93	1/2	1/2	1/2		1/2	
3/4	1,844.74	3/4	1,548.36	3/4	1,251.85	3/4	955.54	3/4	664.92	3/4	368.22	3/4	71.81	3/4	3/4	3/4		3/4	
1	1,838.57	1	1,542.18	1	1,245.68	1	949.43	1	658.74	1	362.04	1	65.69	1	1	1		1	
1/4	1,832.41	1/4	1,536.00	1/4	1,239.50	1/4	943.38	1/4	652.56	1/4	355.85	1/4	59.62	1/4	1/4	1/4		1/4	
1/2	1,826.24	1/2	1,529.82	1/2	1,233.32	1/2	937.32	1/2	646.38	1/2	349.67	1/2	53.56	1/2	1/2	1/2		1/2	
3/4	1,820.07	3/4	1,523.65	3/4	1,227.15	3/4	931.27	3/4	640.20	3/4	343.49	3/4	47.49	3/4	3/4	3/4		3/4	
2	1,813.90	2	1,517.47	2	1,220.97	2	925.22	2	634.02	2	337.31	2	41.43	2	2	2		2	
1/4	1,807.72	1/4	1,511.29	1/4	1,214.79	1/4	919.17	1/4	627.84	1/4	331.13	1/4	36.28	1/4	1/4	1/4		1/4	
1/2	1,801.55	1/2	1,505.12	1/2	1,208.61	1/2	913.12	1/2	621.65	1/2	324.95	1/2	31.12	1/2	1/2	1/2		1/2	
3/4	1,795.37	3/4	1,498.94	3/4	1,202.44	3/4	907.07	3/4	615.47	3/4	318.77	3/4	25.97	3/4	3/4	3/4		3/4	
3	1,789.19	3	1,492.76	3	1,196.26	3	901.02	3	609.29	3	312.58	3	20.82	3	3	3		3	
1/4	1,783.01	1/4	1,486.58	1/4	1,190.08	1/4	894.99	1/4	603.11	1/4	306.40	1/4	17.72	1/4	1/4	1/4		1/4	
1/2	1,776.84	1/2	1,480.41	1/2	1,183.91	1/2	888.95	1/2	596.93	1/2	300.22	1/2	14.63	1/2	1/2	1/2		1/2	
3/4	1,770.66	3/4	1,474.23	3/4	1,177.73	3/4	882.92	3/4	590.75	3/4	294.04	3/4	11.53	3/4	3/4	3/4		3/4	
4	1,764.48	4	1,468.05	4	1,171.55	4	876.88	4	584.57	4	287.86	4	8.43	4	4	4		4	
1/4	1,758.31	1/4	1,461.88	1/4	1,165.38	1/4	870.86	1/4	578.38	1/4	281.68	1/4	7.40	1/4	1/4	1/4		1/4	
1/2	1,752.13	1/2	1,455.70	1/2	1,159.20	1/2	864.84	1/2	572.20	1/2	275.50	1/2	6.37	1/2	1/2	1/2		1/2	
3/4	1,745.95	3/4	1,449.52	3/4	1,153.02	3/4	858.83	3/4	566.02	3/4	269.31	3/4	5.34	3/4	3/4	3/4		3/4	
5	1,739.78	5	1,443.34	5	1,146.84	5	852.81	5	559.84	5	263.13	5	4.31	5	5	5		5	
1/4	1,733.60	1/4	1,437.17	1/4	1,140.67	1/4	846.79	1/4	553.66	1/4	256.95	1/4		1/4	1/4	1/4		1/4	
1/2	1,727.42	1/2	1,430.99	1/2	1,134.49	1/2	840.77	1/2	547.48	1/2	250.77	1/2		1/2	1/2	1/2		1/2	
3/4	1,721.25	3/4	1,424.81	3/4	1,128.31	3/4	834.75	3/4	541.30	3/4	244.59	3/4		3/4	3/4	3/4		3/4	
6	1,715.07	6	1,418.64	6	1,122.14	6	828.74	6	535.12	6	238.41	6		6	6	6		6	
1/4	1,708.90	1/4	1,412.46	1/4	1,115.96	1/4	822.72	1/4	528.93	1/4	232.23	1/4		1/4	1/4	1/4		1/4	
1/2	1,702.73	1/2	1,406.28	1/2	1,109.78	1/2	816.70	1/2	522.75	1/2	226.05	1/2		1/2	1/2	1/2		1/2	
3/4	1,696.55	3/4	1,400.10	3/4	1,103.60	3/4	810.68	3/4	516.57	3/4	219.86	3/4		3/4	3/4	3/4		3/4	
7	1,690.38	7	1,393.93	7	1,097.43	7	804.66	7	510.39	7	213.68	7		7	7	7		7	
1/4	1,684.20	1/4	1,387.75	1/4	1,091.25	1/4	798.64	1/4	504.21	1/4	207.50	1/4		1/4	1/4	1/4		1/4	
1/2	1,678.03	1/2	1,381.57	1/2	1,085.07	1/2	792.63	1/2	498.03	1/2	201.32	1/2		1/2	1/2	1/2		1/2	
3/4	1,671.86	3/4	1,375.40	3/4	1,078.90	3/4	786.61	3/4	491.85	3/4	195.14	3/4		3/4	3/4	3/4		3/4	
8	1,665.68	8	1,369.22	8	1,072.72	8	780.59	8	485.66	8	188.96	8		8	8	8		8	
1/4	1,659.51	1/4	1,363.04	1/4	1,066.54	1/4	774.57	1/4	479.48	1/4	182.78	1/4		1/4	1/4	1/4		1/4	
1/2	1,653.33	1/2	1,356.87	1/2	1,060.36	1/2	768.55	1/2	473.30	1/2	176.60	1/2		1/2	1/2	1/2		1/2	
3/4	1,647.16	3/4	1,350.69	3/4	1,054.19	3/4	762.54	3/4	467.12	3/4	170.41	3/4		3/4	3/4	3/4		3/4	
9	1,640.99	9	1,344.51	9	1,048.01	9	756.52	9	460.94	9	164.23	9		9	9	9		9	
1/4	1,634.81	1/4	1,338.33	1/4	1,041.83	1/4	750.50	1/4	454.76	1/4	158.05	1/4		1/4	1/4	1/4		1/4	
1/2	1,628.64	1/2	1,332.16	1/2	1,035.66	1/2	744.48	1/2	448.58	1/2	151.86	1/2		1/2	1/2	1/2		1/2	
3/4	1,622.46	3/4	1,325.98	3/4	1,029.48	3/4	738.46	3/4	442.39	3/4	145.67	3/4		3/4	3/4	3/4		3/4	
10	1,616.29	10	1,319.80	10	1,023.30	10	732.44	10	436.21	10	139.49	10		10	10	10		10	
1/4	1,610.12	1/4	1,313.63	1/4	1,017.12	1/4	726.36	1/4	430.03	1/4	133.31	1/4		1/4	1/4	1/4		1/4	
1/2	1,603.94	1/2	1,307.45	1/2	1,010.95	1/2	720.28	1/2	423.85	1/2	127.14	1/2		1/2	1/2	1/2		1/2	
3/4	1,597.77	3/4	1,301.27	3/4	1,004.77	3/4	714.20	3/4	417.67	3/4	120.96	3/4		3/4	3/4	3/4		3/4	
11	1,591.60	11	1,295.09	11	998.59	11	708.12	11	411.49	11	114.79	11		11	11	11		11	
1/4	1,585.42	1/4	1,288.92	1/4	992.42	1/4	701.95	1/4	405.31	1/4	108.64	1/4		1/4	1/4	1/4		1/4	
1/2	1,579.24	1/2	1,282.74	1/2	986.24	1/2	695.79	1/2	399.12	1/2	102.48	1/2		1/2	1/2	1/2		1/2	
3/4	1,573.06	3/4	1,276.56	3/4	980.06	3/4	689.63	3/4	392.94	3/4	96.33	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/13/2012 CL
CALCULATED: 06/13/2012 CL
PRINTED: 06/13/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2012

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 10236"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
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	
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	
1/2		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	
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	
1/2		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	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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	
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	
1/2		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	

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'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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BARGE "KIRBY 10236"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,648.95	0	1,385.99	0	1,122.89	0	861.98	0	602.62	0	339.53	0	76.67	0		0		0	
1/4	1,643.47	1/4	1,380.51	1/4	1,117.40	1/4	856.58	1/4	597.14	1/4	334.05	1/4	71.25	1/4	1/4	1/4		1/4	
1/2	1,637.99	1/2	1,375.03	1/2	1,111.92	1/2	851.19	1/2	591.66	1/2	328.57	1/2	65.84	1/2	1/2	1/2		1/2	
3/4	1,632.51	3/4	1,369.55	3/4	1,106.44	3/4	845.79	3/4	586.17	3/4	323.09	3/4	60.42	3/4	3/4	3/4		3/4	
1	1,627.03	1	1,364.07	1	1,100.96	1	840.39	1	580.69	1	317.61	1	55.00	1	1	1		1	
1/4	1,621.56	1/4	1,358.59	1/4	1,095.48	1/4	835.00	1/4	575.21	1/4	312.12	1/4	49.63	1/4	1/4	1/4		1/4	
1/2	1,616.08	1/2	1,353.10	1/2	1,090.00	1/2	829.60	1/2	569.73	1/2	306.64	1/2	44.27	1/2	1/2	1/2		1/2	
3/4	1,610.60	3/4	1,347.62	3/4	1,084.52	3/4	824.20	3/4	564.25	3/4	301.16	3/4	38.90	3/4	3/4	3/4		3/4	
2	1,605.12	2	1,342.14	2	1,079.03	2	818.81	2	558.77	2	295.68	2	33.53	2	2	2		2	
1/4	1,599.65	1/4	1,336.66	1/4	1,073.55	1/4	813.42	1/4	553.29	1/4	290.20	1/4	28.97	1/4	1/4	1/4		1/4	
1/2	1,594.17	1/2	1,331.18	1/2	1,068.07	1/2	808.02	1/2	547.81	1/2	284.72	1/2	24.41	1/2	1/2	1/2		1/2	
3/4	1,588.69	3/4	1,325.70	3/4	1,062.59	3/4	802.63	3/4	542.33	3/4	279.24	3/4	19.85	3/4	3/4	3/4		3/4	
3	1,583.21	3	1,320.22	3	1,057.11	3	797.24	3	536.85	3	273.76	3	15.29	3	3	3		3	
1/4	1,577.73	1/4	1,314.74	1/4	1,051.63	1/4	791.85	1/4	531.36	1/4	268.28	1/4	12.55	1/4	1/4	1/4		1/4	
1/2	1,572.26	1/2	1,309.25	1/2	1,046.15	1/2	786.46	1/2	525.88	1/2	262.80	1/2	9.81	1/2	1/2	1/2		1/2	
3/4	1,566.78	3/4	1,303.77	3/4	1,040.67	3/4	781.07	3/4	520.40	3/4	257.31	3/4	7.07	3/4	3/4	3/4		3/4	
4	1,561.30	4	1,298.29	4	1,035.18	4	775.68	4	514.92	4	251.83	4	4.33	4	4	4		4	
1/4	1,555.82	1/4	1,292.81	1/4	1,029.70	1/4	770.29	1/4	509.44	1/4	246.35	1/4	3.42	1/4	1/4	1/4		1/4	
1/2	1,550.34	1/2	1,287.33	1/2	1,024.22	1/2	764.89	1/2	503.96	1/2	240.87	1/2	2.50	1/2	1/2	1/2		1/2	
3/4	1,544.87	3/4	1,281.85	3/4	1,018.74	3/4	759.50	3/4	498.48	3/4	235.39	3/4	1.59	3/4	3/4	3/4		3/4	
5	1,539.39	5	1,276.37	5	1,013.26	5	754.11	5	493.00	5	229.91	5	0.68	5	5	5		5	
1/4	1,533.91	1/4	1,270.88	1/4	1,007.82	1/4	748.72	1/4	487.52	1/4	224.43	1/4		1/4	1/4	1/4		1/4	
1/2	1,528.43	1/2	1,265.40	1/2	1,002.38	1/2	743.33	1/2	482.04	1/2	218.95	1/2		1/2	1/2	1/2		1/2	
3/4	1,522.95	3/4	1,259.92	3/4	996.94	3/4	737.94	3/4	476.55	3/4	213.47	3/4		3/4	3/4	3/4		3/4	
6	1,517.48	6	1,254.44	6	991.50	6	732.55	6	471.07	6	207.99	6		6	6	6		6	
1/4	1,512.00	1/4	1,248.96	1/4	986.11	1/4	727.16	1/4	465.59	1/4	202.50	1/4		1/4	1/4	1/4		1/4	
1/2	1,506.52	1/2	1,243.48	1/2	980.71	1/2	721.76	1/2	460.11	1/2	197.02	1/2		1/2	1/2	1/2		1/2	
3/4	1,501.04	3/4	1,238.00	3/4	975.31	3/4	716.37	3/4	454.63	3/4	191.54	3/4		3/4	3/4	3/4		3/4	
7	1,495.57	7	1,232.51	7	969.91	7	710.98	7	449.15	7	186.06	7		7	7	7		7	
1/4	1,490.09	1/4	1,227.03	1/4	964.52	1/4	705.59	1/4	443.67	1/4	180.58	1/4		1/4	1/4	1/4		1/4	
1/2	1,484.61	1/2	1,221.55	1/2	959.12	1/2	700.20	1/2	438.19	1/2	175.10	1/2		1/2	1/2	1/2		1/2	
3/4	1,479.13	3/4	1,216.07	3/4	953.72	3/4	694.81	3/4	432.71	3/4	169.62	3/4		3/4	3/4	3/4		3/4	
8	1,473.65	8	1,210.59	8	948.33	8	689.42	8	427.23	8	164.14	8		8	8	8		8	
1/4	1,468.18	1/4	1,205.11	1/4	942.93	1/4	684.02	1/4	421.74	1/4	158.66	1/4		1/4	1/4	1/4		1/4	
1/2	1,462.70	1/2	1,199.63	1/2	937.53	1/2	678.63	1/2	416.26	1/2	153.18	1/2		1/2	1/2	1/2		1/2	
3/4	1,457.22	3/4	1,194.14	3/4	932.14	3/4	673.24	3/4	410.78	3/4	147.70	3/4		3/4	3/4	3/4		3/4	
9	1,451.74	9	1,188.66	9	926.74	9	667.85	9	405.30	9	142.22	9		9	9	9		9	
1/4	1,446.26	1/4	1,183.18	1/4	921.34	1/4	662.46	1/4	399.82	1/4	136.74	1/4		1/4	1/4	1/4		1/4	
1/2	1,440.79	1/2	1,177.70	1/2	915.95	1/2	657.07	1/2	394.34	1/2	131.27	1/2		1/2	1/2	1/2		1/2	
3/4	1,435.31	3/4	1,172.22	3/4	910.55	3/4	651.68	3/4	388.86	3/4	125.79	3/4		3/4	3/4	3/4		3/4	
10	1,429.83	10	1,166.74	10	905.15	10	646.29	10	383.38	10	120.31	10		10	10	10		10	
1/4	1,424.35	1/4	1,161.26	1/4	899.76	1/4	640.85	1/4	377.90	1/4	114.85	1/4		1/4	1/4	1/4		1/4	
1/2	1,418.87	1/2	1,155.77	1/2	894.36	1/2	635.41	1/2	372.42	1/2	109.39	1/2		1/2	1/2	1/2		1/2	
3/4	1,413.40	3/4	1,150.29	3/4	888.96	3/4	629.98	3/4	366.93	3/4	103.92	3/4		3/4	3/4	3/4		3/4	
11	1,407.92	11	1,144.81	11	883.57	11	624.54	11	361.45	11	98.46	11		11	11	11		11	
1/4	1,402.44	1/4	1,139.33	1/4	878.17	1/4	619.06	1/4	355.97	1/4	93.01	1/4		1/4	1/4	1/4		1/4	
1/2	1,396.96	1/2	1,133.85	1/2	872.77	1/2	613.58	1/2	350.49	1/2	87.56	1/2		1/2	1/2	1/2		1/2	
3/4	1,391.47	3/4	1,128.37	3/4	867.38	3/4	608.10	3/4	345.01	3/4	82.12	3/4		3/4	3/4	3/4		3/4	

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



BARGE "KIRBY 10236"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,650.90	0	1,389.19	0	1,127.33	0	866.44	0	605.23	0	343.39	0	81.74	0		0		0	
1/4	1,645.45	1/4	1,383.74	1/4	1,121.87	1/4	861.02	1/4	599.78	1/4	337.93	1/4	76.32	1/4	1/4	1/4		1/4	
1/2	1,640.00	1/2	1,378.28	1/2	1,116.41	1/2	855.60	1/2	594.32	1/2	332.48	1/2	70.92	1/2	1/2	1/2		1/2	
3/4	1,634.55	3/4	1,372.83	3/4	1,110.96	3/4	850.19	3/4	588.87	3/4	327.02	3/4	65.53	3/4	3/4	3/4		3/4	
1	1,629.09	1	1,367.37	1	1,105.50	1	844.77	1	583.41	1	321.57	1	60.14	1	1	1		1	
1/4	1,623.64	1/4	1,361.92	1/4	1,100.05	1/4	839.35	1/4	577.96	1/4	316.11	1/4	54.75	1/4	1/4	1/4		1/4	
1/2	1,618.19	1/2	1,356.46	1/2	1,094.59	1/2	833.93	1/2	572.50	1/2	310.66	1/2	49.40	1/2	1/2	1/2		1/2	
3/4	1,612.74	3/4	1,351.01	3/4	1,089.14	3/4	828.51	3/4	567.05	3/4	305.20	3/4	44.06	3/4	3/4	3/4		3/4	
2	1,607.29	2	1,345.55	2	1,083.68	2	823.09	2	561.59	2	299.75	2	38.72	2	2	2		2	
1/4	1,601.83	1/4	1,340.09	1/4	1,078.23	1/4	817.67	1/4	556.14	1/4	294.29	1/4	33.38	1/4	1/4	1/4		1/4	
1/2	1,596.38	1/2	1,334.64	1/2	1,072.77	1/2	812.26	1/2	550.68	1/2	288.84	1/2	28.84	1/2	1/2	1/2		1/2	
3/4	1,590.93	3/4	1,329.18	3/4	1,067.31	3/4	806.84	3/4	545.23	3/4	283.38	3/4	24.30	3/4	3/4	3/4		3/4	
3	1,585.48	3	1,323.73	3	1,061.86	3	801.43	3	539.77	3	277.93	3	19.76	3	3	3		3	
1/4	1,580.03	1/4	1,318.27	1/4	1,056.40	1/4	796.01	1/4	534.32	1/4	272.47	1/4	15.22	1/4	1/4	1/4		1/4	
1/2	1,574.57	1/2	1,312.82	1/2	1,050.95	1/2	790.56	1/2	528.86	1/2	267.02	1/2	12.50	1/2	1/2	1/2		1/2	
3/4	1,569.12	3/4	1,307.36	3/4	1,045.49	3/4	785.11	3/4	523.41	3/4	261.56	3/4	9.77	3/4	3/4	3/4		3/4	
4	1,563.67	4	1,301.91	4	1,040.04	4	779.66	4	517.95	4	256.11	4	7.04	4	4	4		4	
1/4	1,558.22	1/4	1,296.45	1/4	1,034.58	1/4	774.21	1/4	512.50	1/4	250.65	1/4	4.31	1/4	1/4	1/4		1/4	
1/2	1,552.77	1/2	1,290.99	1/2	1,029.13	1/2	768.76	1/2	507.04	1/2	245.20	1/2	3.41	1/2	1/2	1/2		1/2	
3/4	1,547.31	3/4	1,285.54	3/4	1,023.67	3/4	763.31	3/4	501.59	3/4	239.74	3/4	2.50	3/4	3/4	3/4		3/4	
5	1,541.86	5	1,280.08	5	1,018.21	5	757.86	5	496.13	5	234.29	5	1.59	5	5	5		5	
1/4	1,536.41	1/4	1,274.63	1/4	1,012.76	1/4	752.41	1/4	490.67	1/4	228.83	1/4	0.68	1/4	1/4	1/4		1/4	
1/2	1,530.96	1/2	1,269.17	1/2	1,007.34	1/2	746.96	1/2	485.22	1/2	223.37	1/2		1/2	1/2	1/2		1/2	
3/4	1,525.51	3/4	1,263.72	3/4	1,001.92	3/4	741.51	3/4	479.76	3/4	217.92	3/4		3/4	3/4	3/4		3/4	
6	1,520.05	6	1,258.26	6	996.50	6	736.06	6	474.31	6	212.46	6		6	6	6		6	
1/4	1,514.60	1/4	1,252.80	1/4	991.08	1/4	730.61	1/4	468.85	1/4	207.01	1/4		1/4	1/4	1/4		1/4	
1/2	1,509.15	1/2	1,247.35	1/2	985.66	1/2	725.16	1/2	463.40	1/2	201.55	1/2		1/2	1/2	1/2		1/2	
3/4	1,503.70	3/4	1,241.89	3/4	980.24	3/4	719.71	3/4	457.94	3/4	196.10	3/4		3/4	3/4	3/4		3/4	
7	1,498.25	7	1,236.44	7	974.82	7	714.26	7	452.49	7	190.64	7		7	7	7		7	
1/4	1,492.79	1/4	1,230.98	1/4	969.41	1/4	708.81	1/4	447.03	1/4	185.19	1/4		1/4	1/4	1/4		1/4	
1/2	1,487.34	1/2	1,225.53	1/2	963.99	1/2	703.36	1/2	441.58	1/2	179.73	1/2		1/2	1/2	1/2		1/2	
3/4	1,481.89	3/4	1,220.07	3/4	958.57	3/4	697.91	3/4	436.12	3/4	174.28	3/4		3/4	3/4	3/4		3/4	
8	1,476.44	8	1,214.62	8	953.15	8	692.46	8	430.67	8	168.82	8		8	8	8		8	
1/4	1,470.99	1/4	1,209.16	1/4	947.73	1/4	687.01	1/4	425.21	1/4	163.37	1/4		1/4	1/4	1/4		1/4	
1/2	1,465.53	1/2	1,203.70	1/2	942.31	1/2	681.56	1/2	419.76	1/2	157.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,460.08	3/4	1,198.25	3/4	936.89	3/4	676.11	3/4	414.30	3/4	152.46	3/4		3/4	3/4	3/4		3/4	
9	1,454.63	9	1,192.79	9	931.47	9	670.66	9	408.85	9	147.00	9		9	9	9		9	
1/4	1,449.18	1/4	1,187.34	1/4	926.05	1/4	665.21	1/4	403.39	1/4	141.55	1/4		1/4	1/4	1/4		1/4	
1/2	1,443.73	1/2	1,181.88	1/2	920.63	1/2	659.76	1/2	397.94	1/2	136.10	1/2		1/2	1/2	1/2		1/2	
3/4	1,438.27	3/4	1,176.43	3/4	915.21	3/4	654.31	3/4	392.48	3/4	130.65	3/4		3/4	3/4	3/4		3/4	
10	1,432.82	10	1,170.97	10	909.80	10	648.86	10	387.03	10	125.20	10		10	10	10		10	
1/4	1,427.37	1/4	1,165.52	1/4	904.38	1/4	643.42	1/4	381.57	1/4	119.75	1/4		1/4	1/4	1/4		1/4	
1/2	1,421.92	1/2	1,160.06	1/2	898.96	1/2	637.96	1/2	376.12	1/2	114.31	1/2		1/2	1/2	1/2		1/2	
3/4	1,416.47	3/4	1,154.60	3/4	893.54	3/4	632.51	3/4	370.66	3/4	108.87	3/4		3/4	3/4	3/4		3/4	
11	1,411.01	11	1,149.15	11	888.12	11	627.05	11	365.21	11	103.44	11		11	11	11		11	
1/4	1,405.56	1/4	1,143.69	1/4	882.70	1/4	621.60	1/4	359.75	1/4	98.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,400.11	1/2	1,138.24	1/2	877.28	1/2	616.14	1/2	354.30	1/2	92.58	1/2		1/2	1/2	1/2		1/2	
3/4	1,394.65	3/4	1,132.78	3/4	871.86	3/4	610.69	3/4	348.84	3/4	87.16	3/4		3/4	3/4	3/4		3/4	

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