



BARGE "KIRBY 10544"

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	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
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"

July 25, 2012

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

<http://www.pmacorp.net>



BARGE "KIRBY 10544"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,883.06	0	1,586.52	0	1,289.81	0	993.11	0	702.44	0	405.59	0	108.71	0		0		0	
1/4	1,876.89	1/4	1,580.34	1/4	1,283.63	1/4	986.92	1/4	696.27	1/4	399.40	1/4	102.55	1/4	1/4	1/4		1/4	
1/2	1,870.71	1/2	1,574.16	1/2	1,277.45	1/2	980.74	1/2	690.11	1/2	393.22	1/2	96.39	1/2	1/2	1/2		1/2	
3/4	1,864.54	3/4	1,567.98	3/4	1,271.27	3/4	974.56	3/4	683.94	3/4	387.03	3/4	90.24	3/4	3/4	3/4		3/4	
1	1,858.37	1	1,561.79	1	1,265.09	1	968.44	1	677.75	1	380.84	1	84.11	1	1	1		1	
1/4	1,852.20	1/4	1,555.61	1/4	1,258.91	1/4	962.32	1/4	671.57	1/4	374.66	1/4	77.98	1/4	1/4	1/4		1/4	
1/2	1,846.02	1/2	1,549.43	1/2	1,252.72	1/2	956.21	1/2	665.38	1/2	368.47	1/2	71.86	1/2	1/2	1/2		1/2	
3/4	1,839.85	3/4	1,543.25	3/4	1,246.54	3/4	950.09	3/4	659.20	3/4	362.29	3/4	65.73	3/4	3/4	3/4		3/4	
2	1,833.68	2	1,537.07	2	1,240.36	2	944.03	2	653.01	2	356.10	2	59.66	2	2	2		2	
1/4	1,827.50	1/4	1,530.89	1/4	1,234.18	1/4	937.98	1/4	646.83	1/4	349.92	1/4	53.59	1/4	1/4	1/4		1/4	
1/2	1,821.33	1/2	1,524.71	1/2	1,228.00	1/2	931.92	1/2	640.64	1/2	343.73	1/2	47.53	1/2	1/2	1/2		1/2	
3/4	1,815.16	3/4	1,518.52	3/4	1,221.82	3/4	925.86	3/4	634.46	3/4	337.54	3/4	41.46	3/4	3/4	3/4		3/4	
3	1,808.98	3	1,512.34	3	1,215.64	3	919.81	3	628.27	3	331.36	3	36.30	3	3	3		3	
1/4	1,802.80	1/4	1,506.16	1/4	1,209.45	1/4	913.76	1/4	622.09	1/4	325.17	1/4	31.14	1/4	1/4	1/4		1/4	
1/2	1,796.61	1/2	1,499.98	1/2	1,203.27	1/2	907.70	1/2	615.90	1/2	318.99	1/2	25.99	1/2	1/2	1/2		1/2	
3/4	1,790.43	3/4	1,493.80	3/4	1,197.09	3/4	901.65	3/4	609.72	3/4	312.80	3/4	20.83	3/4	3/4	3/4		3/4	
4	1,784.25	4	1,487.62	4	1,190.91	4	895.61	4	603.53	4	306.62	4	17.74	4	4	4		4	
1/4	1,778.07	1/4	1,481.44	1/4	1,184.73	1/4	889.57	1/4	597.34	1/4	300.43	1/4	14.64	1/4	1/4	1/4		1/4	
1/2	1,771.89	1/2	1,475.25	1/2	1,178.55	1/2	883.53	1/2	591.16	1/2	294.24	1/2	11.54	1/2	1/2	1/2		1/2	
3/4	1,765.71	3/4	1,469.07	3/4	1,172.37	3/4	877.49	3/4	584.97	3/4	288.06	3/4	8.44	3/4	3/4	3/4		3/4	
5	1,759.53	5	1,462.89	5	1,166.18	5	871.47	5	578.79	5	281.87	5	7.41	5	5	5		5	
1/4	1,753.35	1/4	1,456.71	1/4	1,160.00	1/4	865.45	1/4	572.60	1/4	275.69	1/4	6.38	1/4	1/4	1/4		1/4	
1/2	1,747.17	1/2	1,450.53	1/2	1,153.82	1/2	859.42	1/2	566.42	1/2	269.50	1/2	5.34	1/2	1/2	1/2		1/2	
3/4	1,740.98	3/4	1,444.35	3/4	1,147.64	3/4	853.40	3/4	560.23	3/4	263.32	3/4	4.31	3/4	3/4	3/4		3/4	
6	1,734.80	6	1,438.17	6	1,141.46	6	847.38	6	554.04	6	257.13	6		6	6	6		6	
1/4	1,728.62	1/4	1,431.98	1/4	1,135.28	1/4	841.36	1/4	547.86	1/4	250.94	1/4		1/4	1/4	1/4		1/4	
1/2	1,722.45	1/2	1,425.80	1/2	1,129.10	1/2	835.33	1/2	541.67	1/2	244.76	1/2		1/2	1/2	1/2		1/2	
3/4	1,716.27	3/4	1,419.62	3/4	1,122.91	3/4	829.31	3/4	535.49	3/4	238.57	3/4		3/4	3/4	3/4		3/4	
7	1,710.09	7	1,413.44	7	1,116.73	7	823.29	7	529.30	7	232.39	7		7	7	7		7	
1/4	1,703.91	1/4	1,407.26	1/4	1,110.55	1/4	817.27	1/4	523.12	1/4	226.20	1/4		1/4	1/4	1/4		1/4	
1/2	1,697.73	1/2	1,401.08	1/2	1,104.37	1/2	811.24	1/2	516.93	1/2	220.02	1/2		1/2	1/2	1/2		1/2	
3/4	1,691.55	3/4	1,394.90	3/4	1,098.19	3/4	805.22	3/4	510.74	3/4	213.83	3/4		3/4	3/4	3/4		3/4	
8	1,685.37	8	1,388.72	8	1,092.01	8	799.20	8	504.56	8	207.64	8		8	8	8		8	
1/4	1,679.20	1/4	1,382.53	1/4	1,085.83	1/4	793.18	1/4	498.37	1/4	201.46	1/4		1/4	1/4	1/4		1/4	
1/2	1,673.02	1/2	1,376.35	1/2	1,079.65	1/2	787.15	1/2	492.19	1/2	195.27	1/2		1/2	1/2	1/2		1/2	
3/4	1,666.84	3/4	1,370.17	3/4	1,073.46	3/4	781.13	3/4	486.00	3/4	189.09	3/4		3/4	3/4	3/4		3/4	
9	1,660.66	9	1,363.99	9	1,067.28	9	775.11	9	479.82	9	182.90	9		9	9	9		9	
1/4	1,654.48	1/4	1,357.81	1/4	1,061.10	1/4	769.09	1/4	473.63	1/4	176.72	1/4		1/4	1/4	1/4		1/4	
1/2	1,648.31	1/2	1,351.63	1/2	1,054.92	1/2	763.06	1/2	467.44	1/2	170.53	1/2		1/2	1/2	1/2		1/2	
3/4	1,642.13	3/4	1,345.45	3/4	1,048.74	3/4	757.04	3/4	461.26	3/4	164.35	3/4		3/4	3/4	3/4		3/4	
10	1,635.95	10	1,339.26	10	1,042.56	10	751.02	10	455.07	10	158.16	10		10	10	10		10	
1/4	1,629.77	1/4	1,333.08	1/4	1,036.38	1/4	745.00	1/4	448.89	1/4	151.97	1/4		1/4	1/4	1/4		1/4	
1/2	1,623.59	1/2	1,326.90	1/2	1,030.19	1/2	738.98	1/2	442.70	1/2	145.77	1/2		1/2	1/2	1/2		1/2	
3/4	1,617.41	3/4	1,320.72	3/4	1,024.01	3/4	732.95	3/4	436.52	3/4	139.58	3/4		3/4	3/4	3/4		3/4	
11	1,611.24	11	1,314.54	11	1,017.83	11	726.87	11	430.33	11	133.41	11		11	11	11		11	
1/4	1,605.06	1/4	1,308.36	1/4	1,011.65	1/4	720.78	1/4	424.14	1/4	127.23	1/4		1/4	1/4	1/4		1/4	
1/2	1,598.88	1/2	1,302.18	1/2	1,005.47	1/2	714.69	1/2	417.96	1/2	121.05	1/2		1/2	1/2	1/2		1/2	
3/4	1,592.70	3/4	1,295.99	3/4	999.29	3/4	708.61	3/4	411.77	3/4	114.87	3/4		3/4	3/4	3/4		3/4	

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PRINTED: 07/25/2012 CL

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2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	1,665.38	0	1,402.44	0	1,139.33	0	878.17	0	619.06	0	355.97	0	93.01	0		0		0	
1/4	1,659.90	1/4	1,396.96	1/4	1,133.85	1/4	872.77	1/4	613.58	1/4	350.49	1/4	87.56	1/4	1/4	1/4		1/4	
1/2	1,654.42	1/2	1,391.47	1/2	1,128.37	1/2	867.38	1/2	608.10	1/2	345.01	1/2	82.12	1/2	1/2	1/2		1/2	
3/4	1,648.95	3/4	1,385.99	3/4	1,122.89	3/4	861.98	3/4	602.62	3/4	339.53	3/4	76.67	3/4	3/4	3/4		3/4	
1	1,643.47	1	1,380.51	1	1,117.40	1	856.58	1	597.14	1	334.05	1	71.25	1	1	1		1	
1/4	1,637.99	1/4	1,375.03	1/4	1,111.92	1/4	851.19	1/4	591.66	1/4	328.57	1/4	65.84	1/4	1/4	1/4		1/4	
1/2	1,632.51	1/2	1,369.55	1/2	1,106.44	1/2	845.79	1/2	586.17	1/2	323.09	1/2	60.42	1/2	1/2	1/2		1/2	
3/4	1,627.03	3/4	1,364.07	3/4	1,100.96	3/4	840.39	3/4	580.69	3/4	317.61	3/4	55.00	3/4	3/4	3/4		3/4	
2	1,621.56	2	1,358.59	2	1,095.48	2	835.00	2	575.21	2	312.12	2	49.63	2	2	2		2	
1/4	1,616.08	1/4	1,353.10	1/4	1,090.00	1/4	829.60	1/4	569.73	1/4	306.64	1/4	44.27	1/4	1/4	1/4		1/4	
1/2	1,610.60	1/2	1,347.62	1/2	1,084.52	1/2	824.20	1/2	564.25	1/2	301.16	1/2	38.90	1/2	1/2	1/2		1/2	
3/4	1,605.12	3/4	1,342.14	3/4	1,079.03	3/4	818.81	3/4	558.77	3/4	295.68	3/4	33.53	3/4	3/4	3/4		3/4	
3	1,599.65	3	1,336.66	3	1,073.55	3	813.42	3	553.29	3	290.20	3	28.97	3	3	3		3	
1/4	1,594.17	1/4	1,331.18	1/4	1,068.07	1/4	808.02	1/4	547.81	1/4	284.72	1/4	24.41	1/4	1/4	1/4		1/4	
1/2	1,588.69	1/2	1,325.70	1/2	1,062.59	1/2	802.63	1/2	542.33	1/2	279.24	1/2	19.85	1/2	1/2	1/2		1/2	
3/4	1,583.21	3/4	1,320.22	3/4	1,057.11	3/4	797.24	3/4	536.85	3/4	273.76	3/4	15.29	3/4	3/4	3/4		3/4	
4	1,577.73	4	1,314.74	4	1,051.63	4	791.85	4	531.36	4	268.28	4	12.55	4	4	4		4	
1/4	1,572.26	1/4	1,309.25	1/4	1,046.15	1/4	786.46	1/4	525.88	1/4	262.80	1/4	9.81	1/4	1/4	1/4		1/4	
1/2	1,566.78	1/2	1,303.77	1/2	1,040.67	1/2	781.07	1/2	520.40	1/2	257.31	1/2	7.07	1/2	1/2	1/2		1/2	
3/4	1,561.30	3/4	1,298.29	3/4	1,035.18	3/4	775.68	3/4	514.92	3/4	251.83	3/4	4.33	3/4	3/4	3/4		3/4	
5	1,555.82	5	1,292.81	5	1,029.70	5	770.29	5	509.44	5	246.35	5	3.42	5	5	5		5	
1/4	1,550.34	1/4	1,287.33	1/4	1,024.22	1/4	764.89	1/4	503.96	1/4	240.87	1/4	2.50	1/4	1/4	1/4		1/4	
1/2	1,544.87	1/2	1,281.85	1/2	1,018.74	1/2	759.50	1/2	498.48	1/2	235.39	1/2	1.59	1/2	1/2	1/2		1/2	
3/4	1,539.39	3/4	1,276.37	3/4	1,013.26	3/4	754.11	3/4	493.00	3/4	229.91	3/4	0.68	3/4	3/4	3/4		3/4	
6	1,533.91	6	1,270.88	6	1,007.82	6	748.72	6	487.52	6	224.43	6		6	6	6		6	
1/4	1,528.43	1/4	1,265.40	1/4	1,002.38	1/4	743.33	1/4	482.04	1/4	218.95	1/4		1/4	1/4	1/4		1/4	
1/2	1,522.95	1/2	1,259.92	1/2	996.94	1/2	737.94	1/2	476.55	1/2	213.47	1/2		1/2	1/2	1/2		1/2	
3/4	1,517.48	3/4	1,254.44	3/4	991.50	3/4	732.55	3/4	471.07	3/4	207.99	3/4		3/4	3/4	3/4		3/4	
7	1,512.00	7	1,248.96	7	986.11	7	727.16	7	465.59	7	202.50	7		7	7	7		7	
1/4	1,506.52	1/4	1,243.48	1/4	980.71	1/4	721.76	1/4	460.11	1/4	197.02	1/4		1/4	1/4	1/4		1/4	
1/2	1,501.04	1/2	1,238.00	1/2	975.31	1/2	716.37	1/2	454.63	1/2	191.54	1/2		1/2	1/2	1/2		1/2	
3/4	1,495.57	3/4	1,232.51	3/4	969.91	3/4	710.98	3/4	449.15	3/4	186.06	3/4		3/4	3/4	3/4		3/4	
8	1,490.09	8	1,227.03	8	964.52	8	705.59	8	443.67	8	180.58	8		8	8	8		8	
1/4	1,484.61	1/4	1,221.55	1/4	959.12	1/4	700.20	1/4	438.19	1/4	175.10	1/4		1/4	1/4	1/4		1/4	
1/2	1,479.13	1/2	1,216.07	1/2	953.72	1/2	694.81	1/2	432.71	1/2	169.62	1/2		1/2	1/2	1/2		1/2	
3/4	1,473.65	3/4	1,210.59	3/4	948.33	3/4	689.42	3/4	427.23	3/4	164.14	3/4		3/4	3/4	3/4		3/4	
9	1,468.18	9	1,205.11	9	942.93	9	684.02	9	421.74	9	158.66	9		9	9	9		9	
1/4	1,462.70	1/4	1,199.63	1/4	937.53	1/4	678.63	1/4	416.26	1/4	153.18	1/4		1/4	1/4	1/4		1/4	
1/2	1,457.22	1/2	1,194.14	1/2	932.14	1/2	673.24	1/2	410.78	1/2	147.70	1/2		1/2	1/2	1/2		1/2	
3/4	1,451.74	3/4	1,188.66	3/4	926.74	3/4	667.85	3/4	405.30	3/4	142.22	3/4		3/4	3/4	3/4		3/4	
10	1,446.26	10	1,183.18	10	921.34	10	662.46	10	399.82	10	136.74	10		10	10	10		10	
1/4	1,440.79	1/4	1,177.70	1/4	915.95	1/4	657.07	1/4	394.34	1/4	131.27	1/4		1/4	1/4	1/4		1/4	
1/2	1,435.31	1/2	1,172.22	1/2	910.55	1/2	651.68	1/2	388.86	1/2	125.79	1/2		1/2	1/2	1/2		1/2	
3/4	1,429.83	3/4	1,166.74	3/4	905.15	3/4	646.29	3/4	383.38	3/4	120.31	3/4		3/4	3/4	3/4		3/4	
11	1,424.35	11	1,161.26	11	899.76	11	640.85	11	377.90	11	114.85	11		11	11	11		11	
1/4	1,418.87	1/4	1,155.77	1/4	894.36	1/4	635.41	1/4	372.42	1/4	109.39	1/4		1/4	1/4	1/4		1/4	
1/2	1,413.40	1/2	1,150.29	1/2	888.96	1/2	629.98	1/2	366.93	1/2	103.92	1/2		1/2	1/2	1/2		1/2	
3/4	1,407.92	3/4	1,144.81	3/4	883.57	3/4	624.54	3/4	361.45	3/4	98.46	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/25/2012 CL - SW
CALCULATED: 07/25/2012 CL
PRINTED: 07/25/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

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



BARGE "KIRBY 10544"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	3,457.38	0	3,227.63	0	2,967.39	0	2,707.14	0	2,446.40	0	2,184.76	0	1,923.11
1/4		1/4		1/4		1/4	3,456.47	1/4	3,222.21	1/4	2,961.97	1/4	2,701.72	1/4	2,440.95	1/4	2,179.31	1/4	1,917.66
1/2		1/2		1/2		1/2	3,455.56	1/2	3,216.79	1/2	2,956.54	1/2	2,696.30	1/2	2,435.50	1/2	2,173.86	1/2	1,912.21
3/4		3/4		3/4		3/4	3,454.66	3/4	3,211.37	3/4	2,951.12	3/4	2,690.88	3/4	2,430.05	3/4	2,168.40	3/4	1,906.76
1		1		1		1	3,451.93	1	3,205.95	1	2,945.70	1	2,685.45	1	2,424.60	1	2,162.95	1	1,901.31
1/4		1/4		1/4		1/4	3,449.20	1/4	3,200.53	1/4	2,940.28	1/4	2,680.03	1/4	2,419.15	1/4	2,157.50	1/4	1,895.86
1/2		1/2		1/2		1/2	3,446.47	1/2	3,195.10	1/2	2,934.86	1/2	2,674.61	1/2	2,413.69	1/2	2,152.05	1/2	1,890.41
3/4		3/4		3/4		3/4	3,443.75	3/4	3,189.68	3/4	2,929.44	3/4	2,669.19	3/4	2,408.24	3/4	2,146.60	3/4	1,884.96
2		2		2		2	3,439.33	2	3,184.26	2	2,924.01	2	2,663.77	2	2,402.79	2	2,141.15	2	1,879.51
1/4		1/4		1/4		1/4	3,434.92	1/4	3,178.84	1/4	2,918.59	1/4	2,658.35	1/4	2,397.34	1/4	2,135.70	1/4	1,874.06
1/2		1/2		1/2		1/2	3,430.50	1/2	3,173.42	1/2	2,913.17	1/2	2,652.92	1/2	2,391.89	1/2	2,130.25	1/2	1,868.60
3/4		3/4		3/4		3/4	3,426.08	3/4	3,167.99	3/4	2,907.75	3/4	2,647.50	3/4	2,386.44	3/4	2,124.80	3/4	1,863.15
3		3		3		3	3,420.80	3	3,162.57	3	2,902.33	3	2,642.08	3	2,380.99	3	2,119.35	3	1,857.70
1/4		1/4		1/4		1/4	3,415.52	1/4	3,157.15	1/4	2,896.90	1/4	2,636.66	1/4	2,375.54	1/4	2,113.90	1/4	1,852.25
1/2		1/2		1/2		1/2	3,410.24	1/2	3,151.73	1/2	2,891.48	1/2	2,631.24	1/2	2,370.09	1/2	2,108.44	1/2	1,846.80
3/4		3/4		3/4		3/4	3,404.95	3/4	3,146.31	3/4	2,886.06	3/4	2,625.81	3/4	2,364.64	3/4	2,102.99	3/4	1,841.35
4		4		4		4	3,399.64	4	3,140.89	4	2,880.64	4	2,620.39	4	2,359.19	4	2,097.54	4	1,835.90
1/4		1/4		1/4		1/4	3,394.33	1/4	3,135.46	1/4	2,875.22	1/4	2,614.97	1/4	2,353.73	1/4	2,092.09	1/4	1,830.45
1/2		1/2		1/2		1/2	3,389.01	1/2	3,130.04	1/2	2,869.80	1/2	2,609.55	1/2	2,348.28	1/2	2,086.64	1/2	1,825.00
3/4		3/4		3/4		3/4	3,383.70	3/4	3,124.62	3/4	2,864.37	3/4	2,604.13	3/4	2,342.83	3/4	2,081.19	3/4	1,819.55
5		5		5		5	3,378.37	5	3,119.20	5	2,858.95	5	2,598.71	5	2,337.38	5	2,075.74	5	1,814.10
1/4		1/4		1/4		1/4	3,373.04	1/4	3,113.78	1/4	2,853.53	1/4	2,593.28	1/4	2,331.93	1/4	2,070.29	1/4	1,808.64
1/2		1/2		1/2		1/2	3,367.71	1/2	3,108.35	1/2	2,848.11	1/2	2,587.86	1/2	2,326.48	1/2	2,064.84	1/2	1,803.19
3/4		3/4		3/4		3/4	3,362.38	3/4	3,102.93	3/4	2,842.69	3/4	2,582.44	3/4	2,321.03	3/4	2,059.39	3/4	1,797.74
6		6		6		6	3,357.06	6	3,097.51	6	2,837.26	6	2,577.02	6	2,315.58	6	2,053.94	6	1,792.29
1/4		1/4		1/4		1/4	3,351.74	1/4	3,092.09	1/4	2,831.84	1/4	2,571.60	1/4	2,310.13	1/4	2,048.48	1/4	1,786.84
1/2		1/2		1/2		1/2	3,346.42	1/2	3,086.67	1/2	2,826.42	1/2	2,566.17	1/2	2,304.68	1/2	2,043.03	1/2	1,781.39
3/4		3/4		3/4		3/4	3,341.09	3/4	3,081.25	3/4	2,821.00	3/4	2,560.75	3/4	2,299.23	3/4	2,037.58	3/4	1,775.94
7		7		7		7	3,335.77	7	3,075.82	7	2,815.58	7	2,555.33	7	2,293.78	7	2,032.13	7	1,770.49
1/4		1/4		1/4		1/4	3,330.45	1/4	3,070.40	1/4	2,810.16	1/4	2,549.91	1/4	2,288.32	1/4	2,026.68	1/4	1,765.04
1/2		1/2		1/2		1/2	3,325.13	1/2	3,064.98	1/2	2,804.73	1/2	2,544.49	1/2	2,282.87	1/2	2,021.23	1/2	1,759.59
3/4		3/4		3/4		3/4	3,319.80	3/4	3,059.56	3/4	2,799.31	3/4	2,539.07	3/4	2,277.42	3/4	2,015.78	3/4	1,754.14
8		8		8		8	3,314.38	8	3,054.14	8	2,793.89	8	2,533.61	8	2,271.97	8	2,010.33	8	1,748.69
1/4		1/4		1/4		1/4	3,308.96	1/4	3,048.71	1/4	2,788.47	1/4	2,528.16	1/4	2,266.52	1/4	2,004.88	1/4	1,743.23
1/2		1/2		1/2		1/2	3,303.54	1/2	3,043.29	1/2	2,783.05	1/2	2,522.71	1/2	2,261.07	1/2	1,999.43	1/2	1,737.78
3/4		3/4		3/4		3/4	3,298.12	3/4	3,037.87	3/4	2,777.62	3/4	2,517.26	3/4	2,255.62	3/4	1,993.98	3/4	1,732.33
9		9		9		9	3,292.70	9	3,032.45	9	2,772.20	9	2,511.81	9	2,250.17	9	1,988.52	9	1,726.88
1/4		1/4		1/4		1/4	3,287.27	1/4	3,027.03	1/4	2,766.78	1/4	2,506.36	1/4	2,244.72	1/4	1,983.07	1/4	1,721.43
1/2		1/2		1/2		1/2	3,281.85	1/2	3,021.61	1/2	2,761.36	1/2	2,500.91	1/2	2,239.27	1/2	1,977.62	1/2	1,715.98
3/4		3/4		3/4		3/4	3,276.43	3/4	3,016.18	3/4	2,755.94	3/4	2,495.46	3/4	2,233.82	3/4	1,972.17	3/4	1,710.53
10		10		10		10	3,271.01	10	3,010.76	10	2,750.52	10	2,490.01	10	2,228.36	10	1,966.72	10	1,705.08
1/4		1/4		1/4		1/4	3,265.59	1/4	3,005.34	1/4	2,745.09	1/4	2,484.56	1/4	2,222.91	1/4	1,961.27	1/4	1,699.63
1/2		1/2		1/2		1/2	3,260.16	1/2	2,999.92	1/2	2,739.67	1/2	2,479.11	1/2	2,217.46	1/2	1,955.82	1/2	1,694.18
3/4		3/4		3/4		3/4	3,254.74	3/4	2,994.50	3/4	2,734.25	3/4	2,473.65	3/4	2,212.01	3/4	1,950.37	3/4	1,688.73
11		11		11		11	3,249.32	11	2,989.07	11	2,728.83	11	2,468.20	11	2,206.56	11	1,944.92	11	1,683.27
1/4		1/4		1/4		1/4	3,243.90	1/4	2,983.65	1/4	2,723.41	1/4	2,462.75	1/4	2,201.11	1/4	1,939.47	1/4	1,677.82
1/2		1/2		1/2		1/2	3,238.48	1/2	2,978.23	1/2	2,717.98	1/2	2,457.30	1/2	2,195.66	1/2	1,934.02	1/2	1,672.37
3/4		3/4		3/4		3/4	3,458.29	3/4	3,233.06	3/4	2,972.81	3/4	2,712.56	3/4	2,451.85	3/4	2,190.21	3/4	1,666.92

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'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 10544"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 3/4"

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	1,661.47	0	1,399.82	0	1,138.01	0	877.10	0	616.02	0	354.23	0	92.56	0		0		0	
1/4	1,656.02	1/4	1,394.37	1/4	1,132.55	1/4	871.69	1/4	610.56	1/4	348.77	1/4	87.14	1/4	1/4	1/4		1/4	1/4
1/2	1,650.57	1/2	1,388.91	1/2	1,127.10	1/2	866.27	1/2	605.11	1/2	343.32	1/2	81.72	1/2	1/2	1/2		1/2	1/2
3/4	1,645.12	3/4	1,383.46	3/4	1,121.64	3/4	860.85	3/4	599.66	3/4	337.86	3/4	76.30	3/4	3/4	3/4		3/4	3/4
1	1,639.67	1	1,378.01	1	1,116.19	1	855.43	1	594.20	1	332.41	1	70.91	1	1	1		1	1
1/4	1,634.22	1/4	1,372.55	1/4	1,110.74	1/4	850.01	1/4	588.75	1/4	326.96	1/4	65.52	1/4	1/4	1/4		1/4	1/4
1/2	1,628.77	1/2	1,367.10	1/2	1,105.28	1/2	844.60	1/2	583.29	1/2	321.50	1/2	60.13	1/2	1/2	1/2		1/2	1/2
3/4	1,623.31	3/4	1,361.64	3/4	1,099.83	3/4	839.18	3/4	577.84	3/4	316.05	3/4	54.74	3/4	3/4	3/4		3/4	3/4
2	1,617.86	2	1,356.19	2	1,094.37	2	833.76	2	572.39	2	310.59	2	49.39	2	2	2		2	2
1/4	1,612.41	1/4	1,350.73	1/4	1,088.92	1/4	828.34	1/4	566.93	1/4	305.14	1/4	44.05	1/4	1/4	1/4		1/4	1/4
1/2	1,606.96	1/2	1,345.28	1/2	1,083.46	1/2	822.92	1/2	561.48	1/2	299.69	1/2	38.71	1/2	1/2	1/2		1/2	1/2
3/4	1,601.51	3/4	1,339.82	3/4	1,078.01	3/4	817.51	3/4	556.02	3/4	294.23	3/4	33.37	3/4	3/4	3/4		3/4	3/4
3	1,596.06	3	1,334.37	3	1,072.55	3	812.09	3	550.57	3	288.78	3	28.83	3	3	3		3	3
1/4	1,590.61	1/4	1,328.92	1/4	1,067.10	1/4	806.68	1/4	545.12	1/4	283.32	1/4	24.30	1/4	1/4	1/4		1/4	1/4
1/2	1,585.16	1/2	1,323.46	1/2	1,061.64	1/2	801.27	1/2	539.66	1/2	277.87	1/2	19.76	1/2	1/2	1/2		1/2	1/2
3/4	1,579.71	3/4	1,318.01	3/4	1,056.19	3/4	795.85	3/4	534.21	3/4	272.42	3/4	15.22	3/4	3/4	3/4		3/4	3/4
4	1,574.26	4	1,312.55	4	1,050.74	4	790.40	4	528.75	4	266.96	4	12.49	4	4	4		4	4
1/4	1,568.81	1/4	1,307.10	1/4	1,045.28	1/4	784.96	1/4	523.30	1/4	261.51	1/4	9.77	1/4	1/4	1/4		1/4	1/4
1/2	1,563.35	1/2	1,301.64	1/2	1,039.83	1/2	779.51	1/2	517.85	1/2	256.05	1/2	7.04	1/2	1/2	1/2		1/2	1/2
3/4	1,557.90	3/4	1,296.19	3/4	1,034.37	3/4	774.06	3/4	512.39	3/4	250.60	3/4	4.31	3/4	3/4	3/4		3/4	3/4
5	1,552.45	5	1,290.73	5	1,028.92	5	768.61	5	506.94	5	245.15	5	3.40	5	5	5		5	5
1/4	1,547.00	1/4	1,285.28	1/4	1,023.46	1/4	763.16	1/4	501.48	1/4	239.69	1/4	2.50	1/4	1/4	1/4		1/4	1/4
1/2	1,541.55	1/2	1,279.82	1/2	1,018.01	1/2	757.71	1/2	496.03	1/2	234.24	1/2	1.59	1/2	1/2	1/2		1/2	1/2
3/4	1,536.10	3/4	1,274.37	3/4	1,012.55	3/4	752.26	3/4	490.58	3/4	228.78	3/4	0.68	3/4	3/4	3/4		3/4	3/4
6	1,530.65	6	1,268.92	6	1,007.14	6	746.81	6	485.12	6	223.33	6		6	6	6		6	6
1/4	1,525.20	1/4	1,263.46	1/4	1,001.72	1/4	741.36	1/4	479.67	1/4	217.88	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,519.75	1/2	1,258.01	1/2	996.30	1/2	735.91	1/2	474.21	1/2	212.42	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,514.30	3/4	1,252.55	3/4	990.88	3/4	730.47	3/4	468.76	3/4	206.97	3/4		3/4	3/4	3/4		3/4	3/4
7	1,508.85	7	1,247.10	7	985.46	7	725.02	7	463.31	7	201.51	7		7	7	7		7	7
1/4	1,503.39	1/4	1,241.64	1/4	980.05	1/4	719.57	1/4	457.85	1/4	196.06	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,497.94	1/2	1,236.19	1/2	974.63	1/2	714.12	1/2	452.40	1/2	190.61	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,492.49	3/4	1,230.73	3/4	969.21	3/4	708.67	3/4	446.94	3/4	185.15	3/4		3/4	3/4	3/4		3/4	3/4
8	1,487.04	8	1,225.28	8	963.79	8	703.22	8	441.49	8	179.70	8		8	8	8		8	8
1/4	1,481.59	1/4	1,219.83	1/4	958.37	1/4	697.77	1/4	436.04	1/4	174.24	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,476.14	1/2	1,214.37	1/2	952.96	1/2	692.32	1/2	430.58	1/2	168.79	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,470.69	3/4	1,208.92	3/4	947.54	3/4	686.87	3/4	425.13	3/4	163.34	3/4		3/4	3/4	3/4		3/4	3/4
9	1,465.24	9	1,203.46	9	942.12	9	681.42	9	419.67	9	157.88	9		9	9	9		9	9
1/4	1,459.79	1/4	1,198.01	1/4	936.70	1/4	675.98	1/4	414.22	1/4	152.43	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,454.34	1/2	1,192.55	1/2	931.28	1/2	670.53	1/2	408.77	1/2	146.98	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,448.89	3/4	1,187.10	3/4	925.87	3/4	665.08	3/4	403.31	3/4	141.52	3/4		3/4	3/4	3/4		3/4	3/4
10	1,443.43	10	1,181.64	10	920.45	10	659.63	10	397.86	10	136.07	10		10	10	10		10	10
1/4	1,437.98	1/4	1,176.19	1/4	915.03	1/4	654.18	1/4	392.40	1/4	130.62	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,432.53	1/2	1,170.73	1/2	909.61	1/2	648.73	1/2	386.95	1/2	125.18	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,427.08	3/4	1,165.28	3/4	904.19	3/4	643.29	3/4	381.50	3/4	119.73	3/4		3/4	3/4	3/4		3/4	3/4
11	1,421.63	11	1,159.83	11	898.78	11	637.83	11	376.04	11	114.29	11		11	11	11		11	11
1/4	1,416.18	1/4	1,154.37	1/4	893.36	1/4	632.38	1/4	370.59	1/4	108.85	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,410.73	1/2	1,148.92	1/2	887.94	1/2	626.92	1/2	365.13	1/2	103.42	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,405.28	3/4	1,143.46	3/4	882.52	3/4	621.47	3/4	359.68	3/4	97.98	3/4		3/4	3/4	3/4		3/4	3/4

STRAPPED: 07/25/2012 CL - SW
CALCULATED: 07/25/2012 CL
PRINTED: 07/25/2012 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2012

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.
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