

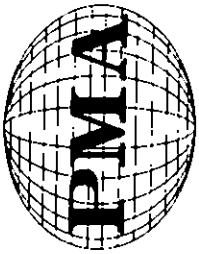


**\*KIRBY 10562\***



**\*Barge Strapping Tables\***





# BARGE "KIRBY 10562"

ULLAGE TRIM TABLE

FORMERLY "S/R 114"

	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	- 00-1/4	00-1/4	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-3/8	01-3/8	- 01-5/8	01-5/8
3 CENTER	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4

(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 CENTER IS 00-1/4"  
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 156'-00"

December 13, 2004

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

<http://www.pmacorp.net>





# BARGE "KIRBY 10562"

# 1 CENTER ULLAGE TABLE

FORMERLY "SR 114"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/4"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	1,876.88	1,428.43	1,179.98	931.53	683.23	435.09	0	186.66	0	0
1/4	1,871.70	1,423.25	1,174.81	926.36	678.07	429.92	1/4	181.49	1/4	1/4
1/2	1,866.52	1,418.07	1,169.63	921.18	672.90	424.74	1/2	176.32	1/2	1/2
3/4	1,861.35	1,412.90	1,164.45	916.00	667.74	419.57	3/4	171.14	3/4	3/4
1	1,856.17	1,407.72	1,159.28	910.83	662.57	414.39	1	165.97	1	1
1 1/4	1,851.00	1,402.55	1,154.10	905.65	657.41	409.22	1 1/4	160.80	1 1/4	1 1/4
1 1/2	1,845.82	1,397.37	1,148.92	900.47	652.24	404.04	1 1/2	155.63	1 1/2	1 1/2
1 3/4	1,840.64	1,392.20	1,143.75	895.30	647.08	398.87	1 3/4	150.46	1 3/4	1 3/4
2	1,835.47	1,387.02	1,138.57	890.12	641.91	393.69	2	145.30	2	2
2 1/4	1,830.29	1,381.85	1,133.40	884.95	636.75	388.52	2 1/4	140.13	2 1/4	2 1/4
2 1/2	1,825.11	1,376.67	1,128.22	879.77	631.58	383.34	2 1/2	134.96	2 1/2	2 1/2
2 3/4	1,819.94	1,371.49	1,123.05	874.60	626.42	378.16	2 3/4	129.79	2 3/4	2 3/4
3	1,814.76	1,366.32	1,117.87	869.42	621.25	372.99	3	124.62	3	3
3 1/4	1,809.59	1,361.14	1,112.70	864.25	616.09	367.81	3 1/4	119.45	3 1/4	3 1/4
3 1/2	1,804.41	1,355.96	1,107.52	859.07	610.92	362.63	3 1/2	114.28	3 1/2	3 1/2
3 3/4	1,799.23	1,350.79	1,102.34	853.89	605.76	357.46	3 3/4	109.11	3 3/4	3 3/4
4	1,794.06	1,345.61	1,097.17	848.72	600.59	352.28	4	103.94	4	4
4 1/4	1,788.88	1,340.44	1,091.99	843.54	595.43	347.11	4 1/4	98.77	4 1/4	4 1/4
4 1/2	1,783.70	1,335.26	1,086.81	838.36	590.26	341.93	4 1/2	93.60	4 1/2	4 1/2
4 3/4	1,778.53	1,330.08	1,081.64	833.19	585.10	336.76	4 3/4	88.43	4 3/4	4 3/4
5	1,773.35	1,324.91	1,076.46	828.01	579.93	331.58	5	83.26	5	5
5 1/4	1,768.18	1,319.73	1,071.29	822.84	574.77	326.41	5 1/4	78.09	5 1/4	5 1/4
5 1/2	1,763.00	1,314.55	1,066.11	817.66	569.60	321.23	5 1/2	72.92	5 1/2	5 1/2
5 3/4	1,757.83	1,309.38	1,060.93	812.48	564.44	316.06	5 3/4	67.74	5 3/4	5 3/4
6	1,752.65	1,304.20	1,055.76	807.31	559.27	310.88	6	62.56	6	6
6 1/4	1,747.48	1,299.03	1,050.58	802.13	554.11	305.71	6 1/4	57.39	6 1/4	6 1/4
6 1/2	1,742.30	1,293.85	1,045.40	796.95	548.94	300.53	6 1/2	52.21	6 1/2	6 1/2
6 3/4	1,737.12	1,288.68	1,040.23	791.78	543.76	295.35	6 3/4	47.04	6 3/4	6 3/4
7	1,731.95	1,283.50	1,035.05	786.60	538.59	290.18	7	41.86	7	7
7 1/4	1,726.77	1,278.33	1,029.88	781.43	533.42	285.00	7 1/4	36.69	7 1/4	7 1/4
7 1/2	1,721.59	1,273.15	1,024.70	776.25	528.24	279.82	7 1/2	32.04	7 1/2	7 1/2
7 3/4	1,716.42	1,267.97	1,019.53	771.08	523.07	274.65	7 3/4	27.38	7 3/4	7 3/4
8	1,711.24	1,262.80	1,014.35	765.90	517.89	269.47	8	22.73	8	8
8 1/4	1,706.07	1,257.62	1,009.18	760.73	512.72	264.30	8 1/4	18.08	8 1/4	8 1/4
8 1/2	1,700.89	1,252.44	1,004.00	755.56	507.54	259.12	8 1/2	15.06	8 1/2	8 1/2
8 3/4	1,695.71	1,247.27	998.82	750.39	502.37	253.95	8 3/4	12.04	8 3/4	8 3/4
9	1,690.54	1,242.09	993.65	745.22	497.19	248.77	9	9.03	9	9
9 1/4	1,685.36	1,236.92	988.47	740.05	492.02	243.60	9 1/4	6.01	9 1/4	9 1/4
9 1/2	1,680.18	1,231.74	983.29	734.88	486.85	238.42	9 1/2	4.72	9 1/2	9 1/2
9 3/4	1,675.01	1,226.57	978.12	729.72	481.67	233.24	9 3/4	3.42	9 3/4	9 3/4
10	1,669.83	1,221.39	972.94	724.55	476.50	228.07	10	2.13	10	10
10 1/4	1,664.66	1,216.22	967.77	719.39	471.33	222.89	10 1/4	0.84	10 1/4	10 1/4
10 1/2	1,659.48	1,211.04	962.59	714.22	466.15	217.71	10 1/2		10 1/2	10 1/2
10 3/4	1,654.31	1,205.86	957.41	709.06	460.97	212.54	10 3/4		10 3/4	10 3/4
11	1,649.13	1,200.69	952.24	703.89	455.80	207.36	11		11	11
11 1/4	1,643.96	1,195.51	947.06	698.73	450.62	202.19	11 1/4		11 1/4	11 1/4
11 1/2	1,638.78	1,190.33	941.88	693.56	445.44	197.01	11 1/2		11 1/2	11 1/2
11 3/4	1,633.60	1,185.16	936.71	688.40	440.27	191.84	11 3/4		11 3/4	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 11/23/1993 ITS  
DECK MEASUREMENTS: 12/13/2004 BW  
REPRINTED: 12/13/2004 SW  
CANCELS AND SUPERCEDES  
ALL PRIOR TO 12/2004

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2052  
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http://www.pmacorp.net



# BARGE "KIRBY 10562"

## 2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

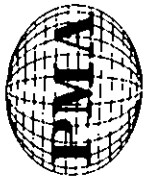
0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
M	D	M	D	M	D	M	D	M	D	M	D	M	D	M	D	M	D	M	D
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API 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 OBSERVED WITH "MMC" CLOSED GAUGING DEVICE.  
 GAUGE POINT, (MMC) LOCATED ON CENTERLINE AND 23'-06" FORWARD OF AFT BULKHEAD.

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





# BARGE "KIRBY 10562"

## 3 CENTER ULLAGE TABLE

GAUGE HEIGHT 16'-10 1/8"

FORMERLY "SR 114"

CAPACITIES GIVEN IN WHOLE 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.	
N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M	N	M
0	0	0	0	3,417.70	0	3,168.89	0	2,920.10	0	2,671.36	0	2,422.63	0	2,173.89	0	1,925.13	0	1,676.37	0
1/4	1/4	1/4	1/4	3,412.52	1/4	3,163.71	1/4	2,914.92	1/4	2,666.18	1/4	2,417.45	1/4	2,168.71	1/4	1,919.95	1/4	1,671.19	1/4
1/2	1/2	1/2	1/2	3,407.33	1/2	3,158.53	1/2	2,909.74	1/2	2,661.00	1/2	2,412.27	1/2	2,163.53	1/2	1,914.77	1/2	1,666.01	1/2
3/4	3/4	3/4	3/4	3,402.15	3/4	3,153.34	3/4	2,904.55	3/4	2,655.81	3/4	2,407.08	3/4	2,158.34	3/4	1,910.58	3/4	1,661.82	3/4
1	1	1	1	3,396.96	1	3,148.16	1	2,899.37	1	2,650.63	1	2,401.90	1	2,153.16	1	1,904.40	1	1,655.64	1
1 1/4	1 1/4	1 1/4	1 1/4	3,391.78	1 1/4	3,142.98	1 1/4	2,894.19	1 1/4	2,645.45	1 1/4	2,396.72	1 1/4	2,147.98	1 1/4	1,899.22	1 1/4	1,650.46	1 1/4
1 1/2	1 1/2	1 1/2	1 1/2	3,386.60	1 1/2	3,137.80	1 1/2	2,889.01	1 1/2	2,640.27	1 1/2	2,391.54	1 1/2	2,142.80	1 1/2	1,894.04	1 1/2	1,645.28	1 1/2
3 1/4	3 1/4	3 1/4	3 1/4	3,381.41	3 1/4	3,132.61	3 1/4	2,883.82	3 1/4	2,635.09	3 1/4	2,386.35	3 1/4	2,137.61	3 1/4	1,888.85	3 1/4	1,640.12	3 1/4
2	2	2	2	3,376.23	2	3,127.43	2	2,878.64	2	2,629.91	2	2,381.17	2	2,132.43	2	1,883.67	2	1,635.95	2
2 1/4	2 1/4	2 1/4	2 1/4	3,371.05	2 1/4	3,122.25	2 1/4	2,873.46	2 1/4	2,624.73	2 1/4	2,375.99	2 1/4	2,127.25	2 1/4	1,878.49	2 1/4	1,631.13	2 1/4
2 1/2	2 1/2	2 1/2	2 1/2	3,365.87	2 1/2	3,117.06	2 1/2	2,868.28	2 1/2	2,619.55	2 1/2	2,370.81	2 1/2	2,122.07	2 1/2	1,873.31	2 1/2	1,626.87	2 1/2
3 1/2	3 1/2	3 1/2	3 1/2	3,360.68	3 1/2	3,111.88	3 1/2	2,863.09	3 1/2	2,614.36	3 1/2	2,365.62	3 1/2	2,116.88	3 1/2	1,868.12	3 1/2	1,622.61	3 1/2
3	3	3	3	3,355.50	3	3,106.69	3	2,857.91	3	2,609.18	3	2,360.44	3	2,111.70	3	1,862.94	3	1,617.45	3
3 1/4	3 1/4	3 1/4	3 1/4	3,350.32	3 1/4	3,101.51	3 1/4	2,852.73	3 1/4	2,604.00	3 1/4	2,355.26	3 1/4	2,106.52	3 1/4	1,857.76	3 1/4	1,613.29	3 1/4
3 1/2	3 1/2	3 1/2	3 1/2	3,345.13	3 1/2	3,096.33	3 1/2	2,847.55	3 1/2	2,598.82	3 1/2	2,350.08	3 1/2	2,101.34	3 1/2	1,852.58	3 1/2	1,608.03	3 1/2
4	4	4	4	3,339.95	4	3,091.14	4	2,842.37	4	2,593.63	4	2,344.89	4	2,096.15	4	1,847.39	4	1,603.77	4
4 1/4	4 1/4	4 1/4	4 1/4	3,334.76	4 1/4	3,085.96	4 1/4	2,837.19	4 1/4	2,588.45	4 1/4	2,339.71	4 1/4	2,090.97	4 1/4	1,842.21	4 1/4	1,598.51	4 1/4
4 1/2	4 1/2	4 1/2	4 1/2	3,329.58	4 1/2	3,080.78	4 1/2	2,832.01	4 1/2	2,583.27	4 1/2	2,334.53	4 1/2	2,085.79	4 1/2	1,837.03	4 1/2	1,593.25	4 1/2
5	5	5	5	3,324.40	5	3,075.59	5	2,826.83	5	2,578.09	5	2,329.35	5	2,080.61	5	1,831.85	5	1,588.99	5
5 1/4	5 1/4	5 1/4	5 1/4	3,319.21	5 1/4	3,070.41	5 1/4	2,821.64	5 1/4	2,572.90	5 1/4	2,324.17	5 1/4	2,075.42	5 1/4	1,826.66	5 1/4	1,584.73	5 1/4
5 1/2	5 1/2	5 1/2	5 1/2	3,314.03	5 1/2	3,065.22	5 1/2	2,816.46	5 1/2	2,567.72	5 1/2	2,318.99	5 1/2	2,070.24	5 1/2	1,821.48	5 1/2	1,579.47	5 1/2
6	6	6	6	3,308.85	6	3,060.04	6	2,811.28	6	2,562.54	6	2,313.81	6	2,065.06	6	1,816.30	6	1,574.21	6
6 1/4	6 1/4	6 1/4	6 1/4	3,303.66	6 1/4	3,054.86	6 1/4	2,806.10	6 1/4	2,557.36	6 1/4	2,308.63	6 1/4	2,059.88	6 1/4	1,811.12	6 1/4	1,569.95	6 1/4
6 1/2	6 1/2	6 1/2	6 1/2	3,298.48	6 1/2	3,049.67	6 1/2	2,800.91	6 1/2	2,552.17	6 1/2	2,303.44	6 1/2	2,054.69	6 1/2	1,805.93	6 1/2	1,565.69	6 1/2
7	7	7	7	3,293.29	7	3,044.49	7	2,795.73	7	2,546.99	7	2,298.26	7	2,049.51	7	1,800.75	7	1,561.43	7
7 1/4	7 1/4	7 1/4	7 1/4	3,288.11	7 1/4	3,039.31	7 1/4	2,790.55	7 1/4	2,541.81	7 1/4	2,293.08	7 1/4	2,044.33	7 1/4	1,795.56	7 1/4	1,557.17	7 1/4
7 1/2	7 1/2	7 1/2	7 1/2	3,282.93	7 1/2	3,034.13	7 1/2	2,785.37	7 1/2	2,536.63	7 1/2	2,287.90	7 1/2	2,039.15	7 1/2	1,790.38	7 1/2	1,552.89	7 1/2
8	8	8	8	3,277.74	8	3,028.94	8	2,780.18	8	2,531.45	8	2,282.71	8	2,033.96	8	1,785.19	8	1,548.61	8
8 1/4	8 1/4	8 1/4	8 1/4	3,272.56	8 1/4	3,023.76	8 1/4	2,775.00	8 1/4	2,526.27	8 1/4	2,277.53	8 1/4	2,028.78	8 1/4	1,780.01	8 1/4	1,544.33	8 1/4
8 1/2	8 1/2	8 1/2	8 1/2	3,267.38	8 1/2	3,018.58	8 1/2	2,769.82	8 1/2	2,521.09	8 1/2	2,272.35	8 1/2	2,023.60	8 1/2	1,774.83	8 1/2	1,539.95	8 1/2
9	9	9	9	3,262.20	9	3,013.39	9	2,764.64	9	2,515.91	9	2,267.17	9	2,018.42	9	1,769.65	9	1,535.67	9
9 1/4	9 1/4	9 1/4	9 1/4	3,257.01	9 1/4	3,008.21	9 1/4	2,759.45	9 1/4	2,510.72	9 1/4	2,261.98	9 1/4	2,013.23	9 1/4	1,764.46	9 1/4	1,531.39	9 1/4
9 1/2	9 1/2	9 1/2	9 1/2	3,251.83	9 1/2	3,003.02	9 1/2	2,754.27	9 1/2	2,505.54	9 1/2	2,256.80	9 1/2	2,008.05	9 1/2	1,759.28	9 1/2	1,527.11	9 1/2
10	10	10	10	3,246.65	10	2,997.84	10	2,749.09	10	2,500.36	10	2,251.62	10	2,002.87	10	1,754.10	10	1,522.83	10
10 1/4	10 1/4	10 1/4	10 1/4	3,241.46	10 1/4	2,992.66	10 1/4	2,743.91	10 1/4	2,495.18	10 1/4	2,246.44	10 1/4	1,997.69	10 1/4	1,748.92	10 1/4	1,518.55	10 1/4
10 1/2	10 1/2	10 1/2	10 1/2	3,236.28	10 1/2	2,987.47	10 1/2	2,738.73	10 1/2	2,489.99	10 1/2	2,241.26	10 1/2	1,992.50	10 1/2	1,743.73	10 1/2	1,514.27	10 1/2
11	11	11	11	3,231.09	11	2,982.29	11	2,733.55	11	2,484.81	11	2,236.08	11	1,987.32	11	1,738.55	11	1,509.99	11
11 1/4	11 1/4	11 1/4	11 1/4	3,225.91	11 1/4	2,977.11	11 1/4	2,728.37	11 1/4	2,479.63	11 1/4	2,230.90	11 1/4	1,982.14	11 1/4	1,733.37	11 1/4	1,505.71	11 1/4
11 1/2	11 1/2	11 1/2	11 1/2	3,220.73	11 1/2	2,971.93	11 1/2	2,723.19	11 1/2	2,474.45	11 1/2	2,225.72	11 1/2	1,976.96	11 1/2	1,728.19	11 1/2	1,501.43	11 1/2
12	12	12	12	3,215.54	12	2,966.74	12	2,718.00	12	2,469.26	12	2,220.53	12	1,971.77	12	1,723.00	12	1,497.15	12
12 1/4	12 1/4	12 1/4	12 1/4	3,210.36	12 1/4	2,961.56	12 1/4	2,712.82	12 1/4	2,464.08	12 1/4	2,215.35	12 1/4	1,966.59	12 1/4	1,717.82	12 1/4	1,492.87	12 1/4
12 1/2	12 1/2	12 1/2	12 1/2	3,205.18	12 1/2	2,956.38	12 1/2	2,707.64	12 1/2	2,458.90	12 1/2	2,210.17	12 1/2	1,961.41	12 1/2	1,712.64	12 1/2	1,488.59	12 1/2
13	13	13	13	3,200.00	13	2,951.20	13	2,702.46	13	2,453.72	13	2,204.99	13	1,956.23	13	1,707.46	13	1,484.31	13
13 1/4	13 1/4	13 1/4	13 1/4	3,194.81	13 1/4	2,946.01	13 1/4	2,697.27	13 1/4	2,448.53	13 1/4	2,199.80	13 1/4	1,951.04	13 1/4	1,702.27	13 1/4	1,479.93	13 1/4
13 1/2	13 1/2	13 1/2	13 1/2	3,189.63	13 1/2	2,940.83	13 1/2	2,692.09	13 1/2	2,443.35	13 1/2	2,194.62	13 1/2	1,945.86	13 1/2	1,697.09	13 1/2	1,475.65	13 1/2
14	14	14	14	3,184.45	14	2,935.65	14	2,686.91	14	2,438.17	14	2,189.44	14	1,940.68	14	1,691.91	14	1,471.37	14
14 1/4	14 1/4	14 1/4	14 1/4	3,179.26	14 1/4	2,930.47	14 1/4	2,681.73	14 1/4	2,432.99	14 1/4	2,184.26	14 1/4	1,935.50	14 1/4	1,687.73	14 1/4	1,467.09	14 1/4
14 1/2	14 1/2	14 1/2	14 1/2	3,174.08	14 1/2	2,925.28	14 1/2	2,676.54	14 1/2	2,427.81	14 1/2	2,179.07	14 1/2	1,930.31	14 1/2	1,683.45	14 1/2	1,462.81	14 1/2

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API IMPRS 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 OBSERVED WITH "MISC" CLOSED GAUGING DEVICE.  
GAUGE POINT: (MISC) LOCATED ON CENTERLINE AND 35'-08" FORWARD OF AFT BULKHEAD.

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

*[Signature]*

SHEET NO. 5 OF 6



# BARGE "KIRBY 10562"

## 3 CENTER ULLAGE TABLE

FORMERLY "SR 114"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 1/8"

	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.		
0	1,676.36	0	1,427.61	0	930.10	0	681.49	0	433.04	0	184.30	0
1/4	1,671.18	1/4	1,422.43	1/4	924.92	1/4	676.32	1/4	427.86	1/4	179.12	1/4
1/2	1,666.00	1/2	1,417.25	1/2	919.74	1/2	671.15	1/2	422.68	1/2	173.95	1/2
3/4	1,660.81	3/4	1,412.06	3/4	914.55	3/4	665.98	3/4	417.50	3/4	168.77	3/4
1	1,655.63	1	1,406.88	1	909.37	1	660.81	1	412.32	1	163.59	1
1 1/4	1,650.45	1 1/4	1,401.70	1 1/4	904.19	1 1/4	655.64	1 1/4	407.14	1 1/4	158.41	1 1/4
1 1/2	1,645.27	1 1/2	1,396.52	1 1/2	899.01	1 1/2	650.47	1 1/2	401.96	1 1/2	153.24	1 1/2
3/4	1,640.08	3/4	1,391.33	3/4	893.82	3/4	645.29	3/4	396.77	3/4	148.06	3/4
2	1,634.90	2	1,386.15	2	888.64	2	640.12	2	391.59	2	142.89	2
1 1/4	1,629.72	1 1/4	1,380.97	1 1/4	883.46	1 1/4	634.95	1 1/4	386.41	1 1/4	137.71	1 1/4
1 1/2	1,624.54	1 1/2	1,375.79	1 1/2	878.28	1 1/2	629.78	1 1/2	381.23	1 1/2	132.54	1 1/2
3/4	1,619.35	3/4	1,370.60	3/4	873.09	3/4	624.61	3/4	376.04	3/4	127.36	3/4
3	1,614.17	3	1,365.42	3	867.91	3	619.44	3	370.86	3	122.18	3
1 1/4	1,608.99	1 1/4	1,360.24	1 1/4	862.73	1 1/4	614.27	1 1/4	365.68	1 1/4	117.01	1 1/4
1 1/2	1,603.81	1 1/2	1,355.06	1 1/2	857.55	1 1/2	609.10	1 1/2	360.50	1 1/2	111.83	1 1/2
3/4	1,598.62	3/4	1,349.87	3/4	852.36	3/4	603.92	3/4	355.31	3/4	106.66	3/4
4	1,593.44	4	1,344.69	4	847.18	4	598.75	4	350.13	4	101.48	4
1 1/4	1,588.26	1 1/4	1,339.51	1 1/4	842.00	1 1/4	593.58	1 1/4	344.95	1 1/4	96.30	1 1/4
1 1/2	1,583.08	1 1/2	1,334.33	1 1/2	836.82	1 1/2	588.41	1 1/2	339.77	1 1/2	91.13	1 1/2
3/4	1,577.89	3/4	1,329.14	3/4	831.63	3/4	583.23	3/4	334.58	3/4	85.95	3/4
5	1,572.71	5	1,323.96	5	826.45	5	578.06	5	329.40	5	80.77	5
1 1/4	1,567.53	1 1/4	1,318.78	1 1/4	821.27	1 1/4	572.89	1 1/4	324.22	1 1/4	75.59	1 1/4
1 1/2	1,562.35	1 1/2	1,313.60	1 1/2	816.09	1 1/2	567.72	1 1/2	319.04	1 1/2	70.41	1 1/2
3/4	1,557.16	3/4	1,308.41	3/4	810.90	3/4	562.55	3/4	313.85	3/4	65.23	3/4
6	1,551.98	6	1,303.23	6	805.72	6	557.38	6	308.67	6	60.05	6
1 1/4	1,546.80	1 1/4	1,298.05	1 1/4	800.54	1 1/4	552.20	1 1/4	303.49	1 1/4	54.87	1 1/4
1 1/2	1,541.62	1 1/2	1,292.87	1 1/2	795.36	1 1/2	547.03	1 1/2	298.31	1 1/2	49.69	1 1/2
3/4	1,536.43	3/4	1,287.68	3/4	790.17	3/4	541.85	3/4	293.13	3/4	44.50	3/4
7	1,531.25	7	1,282.50	7	784.99	7	536.67	7	287.95	7	39.41	7
1 1/4	1,526.07	1 1/4	1,277.32	1 1/4	779.81	1 1/4	531.49	1 1/4	282.77	1 1/4	34.22	1 1/4
1 1/2	1,520.89	1 1/2	1,272.14	1 1/2	774.63	1 1/2	526.31	1 1/2	277.59	1 1/2	29.71	1 1/2
3/4	1,515.70	3/4	1,266.95	3/4	769.44	3/4	521.13	3/4	272.40	3/4	24.91	3/4
8	1,510.52	8	1,261.77	8	764.26	8	515.95	8	267.22	8	20.49	8
1 1/4	1,505.34	1 1/4	1,256.59	1 1/4	759.08	1 1/4	510.77	1 1/4	262.04	1 1/4	16.86	1 1/4
1 1/2	1,500.16	1 1/2	1,251.41	1 1/2	753.91	1 1/2	505.59	1 1/2	256.86	1 1/2	13.63	1 1/2
3/4	1,494.98	3/4	1,246.22	3/4	748.73	3/4	500.40	3/4	251.67	3/4	10.39	3/4
9	1,489.80	9	1,241.04	9	743.55	9	495.22	9	246.49	9	7.81	9
1 1/4	1,484.62	1 1/4	1,235.86	1 1/4	738.38	1 1/4	490.04	1 1/4	241.31	1 1/4	5.75	1 1/4
1 1/2	1,479.44	1 1/2	1,230.68	1 1/2	733.21	1 1/2	484.86	1 1/2	236.13	1 1/2	4.35	1 1/2
3/4	1,474.25	3/4	1,225.49	3/4	728.04	3/4	479.68	3/4	230.94	3/4	2.94	3/4
10	1,469.07	10	1,220.31	10	722.87	10	474.50	10	225.76	10	1.84	10
1 1/4	1,463.89	1 1/4	1,215.13	1 1/4	717.70	1 1/4	469.32	1 1/4	220.58	1 1/4	0.84	1 1/4
1 1/2	1,458.71	1 1/2	1,209.95	1 1/2	712.53	1 1/2	464.14	1 1/2	215.40	1 1/2		1 1/2
3/4	1,453.52	3/4	1,204.76	3/4	707.35	3/4	458.95	3/4	210.21	3/4		3/4
11	1,448.34	11	1,199.58	11	702.18	11	453.77	11	205.03	11		11
1 1/4	1,443.16	1 1/4	1,194.40	1 1/4	697.01	1 1/4	448.59	1 1/4	199.85	1 1/4		1 1/4
1 1/2	1,437.98	1 1/2	1,189.22	1 1/2	691.84	1 1/2	443.41	1 1/2	194.67	1 1/2		1 1/2
3/4	1,432.79	3/4	1,184.03	3/4	686.66	3/4	438.22	3/4	189.48	3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

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