



**\*KIRBY 21857\***



**\*Barge Strapping Tables\***





# BARGE "KIRBY 21857"

# PORT ULLAGE TABLE

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

FORMERLY "KIRBY 26850"

GAUGE HEIGHT 25'-01 3/4"

7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	IN	N	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
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITIES ALLOW FOR CONTRACTION OF TANK SHELL FOR -28 DEGREES F.

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
P.O. Box 2092  
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# BARGE "KIRBY 21857"

## PORT ULLAGE TABLE

FORMERLY "KIRBY 26850"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		FORMERLY "KIRBY 26850"										GAUGE HEIGHT 25'-01 3/4"		
IN	OUT	17 FT.	18 FT.	19 FT.	20 FT.	21 FT.	22 FT.	23 FT.	24 FT.	25 FT.	26 FT.	IN	OUT	
0	0	4,801.17	0	3,280.91	0	2,560.87	0	1,838.81	0	1,264.68	0	722.58	0	285.78
1/4	1/4	4,785.02	1/4	3,265.60	1/4	2,546.31	1/4	1,870.32	1/4	1,252.61	1/4	712.39	1/4	278.27
1/2	1/2	4,768.87	1/2	3,250.29	1/2	2,531.75	1/2	1,856.83	1/2	1,240.54	1/2	702.20	1/2	270.76
3/4	3/4	4,752.72	3/4	3,234.97	3/4	2,517.19	3/4	1,843.33	3/4	1,228.47	3/4	692.01	3/4	263.25
1	1	4,736.57	1	3,219.66	1	2,502.65	1	1,829.86	1	1,216.40	1	681.83	1	255.76
1 1/4	1 1/4	4,720.42	1 1/4	3,204.35	1 1/4	2,488.11	1 1/4	1,816.39	1 1/4	1,204.33	1 1/4	671.64	1 1/4	248.27
1 1/2	1 1/2	4,704.27	1 1/2	3,189.03	1 1/2	2,473.57	1 1/2	1,802.92	1 1/2	1,192.26	1 1/2	661.45	1 1/2	240.78
1 3/4	1 3/4	4,688.12	1 3/4	3,173.72	1 3/4	2,459.03	1 3/4	1,789.44	1 3/4	1,180.19	1 3/4	651.26	1 3/4	233.29
2	2	4,672.01	2	3,158.51	2	2,444.64	2	1,776.16	2	1,168.39	2	641.45	2	226.22
2 1/4	2 1/4	4,655.90	2 1/4	3,143.30	2 1/4	2,430.25	2 1/4	1,762.88	2 1/4	1,156.59	2 1/4	631.64	2 1/4	219.15
2 1/2	2 1/2	4,639.79	2 1/2	3,128.10	2 1/2	2,415.85	2 1/2	1,749.59	2 1/2	1,144.79	2 1/2	621.83	2 1/2	212.08
2 3/4	2 3/4	4,623.69	2 3/4	3,112.89	2 3/4	2,401.46	2 3/4	1,736.31	2 3/4	1,132.99	2 3/4	612.02	2 3/4	205.01
3	3	4,607.56	3	3,097.68	3	2,387.09	3	1,723.05	3	1,121.20	3	602.21	3	198.25
3 1/4	3 1/4	4,591.43	3 1/4	3,082.47	3 1/4	2,372.72	3 1/4	1,709.78	3 1/4	1,109.40	3 1/4	592.40	3 1/4	191.50
3 1/2	3 1/2	4,575.30	3 1/2	3,067.26	3 1/2	2,358.35	3 1/2	1,696.52	3 1/2	1,097.60	3 1/2	582.58	3 1/2	184.74
3 3/4	3 3/4	4,559.17	3 3/4	3,052.05	3 3/4	2,343.97	3 3/4	1,683.26	3 3/4	1,085.80	3 3/4	572.77	3 3/4	177.98
4	4	4,543.10	4	3,036.95	4	2,329.73	4	1,670.18	4	1,074.29	4	563.38	4	171.54
4 1/4	4 1/4	4,527.04	4 1/4	3,021.85	4 1/4	2,315.48	4 1/4	1,657.11	4 1/4	1,062.77	4 1/4	553.99	4 1/4	165.10
4 1/2	4 1/2	4,510.97	4 1/2	3,006.74	4 1/2	2,301.24	4 1/2	1,644.03	4 1/2	1,051.28	4 1/2	544.59	4 1/2	158.65
4 3/4	4 3/4	4,494.91	4 3/4	2,991.64	4 3/4	2,286.99	4 3/4	1,630.96	4 3/4	1,039.78	4 3/4	535.20	4 3/4	152.21
5	5	4,478.84	5	2,976.56	5	2,272.77	5	1,617.90	5	1,028.27	5	525.79	5	146.10
5 1/4	5 1/4	4,462.77	5 1/4	2,961.47	5 1/4	2,258.54	5 1/4	1,604.85	5 1/4	1,016.77	5 1/4	516.37	5 1/4	139.99
5 1/2	5 1/2	4,446.71	5 1/2	2,946.39	5 1/2	2,244.31	5 1/2	1,591.80	5 1/2	1,005.26	5 1/2	506.96	5 1/2	133.88
5 3/4	5 3/4	4,430.64	5 3/4	2,931.31	5 3/4	2,230.09	5 3/4	1,578.74	5 3/4	993.75	5 3/4	497.55	5 3/4	127.78
6	6	4,414.62	6	2,916.35	6	2,216.05	6	1,565.92	6	982.54	6	488.57	6	122.04
6 1/4	6 1/4	4,398.59	6 1/4	2,901.39	6 1/4	2,202.02	6 1/4	1,553.10	6 1/4	971.33	6 1/4	479.60	6 1/4	116.31
6 1/2	6 1/2	4,382.57	6 1/2	2,886.44	6 1/2	2,187.98	6 1/2	1,540.27	6 1/2	960.12	6 1/2	470.62	6 1/2	110.58
6 3/4	6 3/4	4,366.54	6 3/4	2,871.48	6 3/4	2,173.94	6 3/4	1,527.45	6 3/4	948.90	6 3/4	461.65	6 3/4	104.85
7	7	4,350.52	7	2,856.50	7	2,159.88	7	1,514.63	7	937.71	7	452.67	7	99.49
7 1/4	7 1/4	4,334.50	7 1/4	2,841.52	7 1/4	2,145.83	7 1/4	1,501.80	7 1/4	926.52	7 1/4	443.70	7 1/4	94.14
7 1/2	7 1/2	4,318.47	7 1/2	2,826.54	7 1/2	2,131.77	7 1/2	1,488.98	7 1/2	915.33	7 1/2	434.73	7 1/2	88.78
7 3/4	7 3/4	4,302.45	7 3/4	2,811.57	7 3/4	2,117.71	7 3/4	1,476.16	7 3/4	904.14	7 3/4	425.75	7 3/4	83.43
8	8	4,286.46	8	2,796.73	8	2,103.84	8	1,463.56	8	893.26	8	417.22	8	78.51
8 1/4	8 1/4	4,270.48	8 1/4	2,781.90	8 1/4	2,089.97	8 1/4	1,450.97	8 1/4	882.38	8 1/4	408.68	8 1/4	73.59
8 1/2	8 1/2	4,254.50	8 1/2	2,767.07	8 1/2	2,076.10	8 1/2	1,438.38	8 1/2	871.50	8 1/2	400.15	8 1/2	68.68
8 3/4	8 3/4	4,238.52	8 3/4	2,752.24	8 3/4	2,062.23	8 3/4	1,425.78	8 3/4	860.62	8 3/4	391.61	8 3/4	63.76
9	9	4,222.54	9	2,737.41	9	2,048.36	9	1,413.19	9	849.75	9	383.10	9	59.31
9 1/4	9 1/4	4,206.55	9 1/4	2,722.57	9 1/4	2,034.49	9 1/4	1,400.59	9 1/4	838.87	9 1/4	374.58	9 1/4	54.85
9 1/2	9 1/2	4,190.57	9 1/2	2,707.74	9 1/2	2,020.62	9 1/2	1,388.00	9 1/2	827.99	9 1/2	366.07	9 1/2	50.39
9 3/4	9 3/4	4,174.59	9 3/4	2,692.91	9 3/4	2,006.75	9 3/4	1,375.41	9 3/4	817.11	9 3/4	357.55	9 3/4	45.94
10	10	4,158.69	10	2,678.22	10	1,993.07	10	1,363.09	10	806.57	10	349.52	10	42.03
10 1/4	10 1/4	4,142.79	10 1/4	2,663.54	10 1/4	1,979.39	10 1/4	1,350.76	10 1/4	796.02	10 1/4	341.49	10 1/4	38.12
10 1/2	10 1/2	4,126.89	10 1/2	2,648.85	10 1/2	1,965.71	10 1/2	1,338.44	10 1/2	785.48	10 1/2	333.45	10 1/2	34.20
10 3/4	10 3/4	4,110.99	10 3/4	2,634.17	10 3/4	1,952.03	10 3/4	1,326.12	10 3/4	774.94	10 3/4	325.42	10 3/4	30.29
11	11	4,095.07	11	2,619.48	11	1,938.35	11	1,313.78	11	764.39	11	317.39	11	26.97
11 1/4	11 1/4	4,079.15	11 1/4	2,604.80	11 1/4	1,924.67	11 1/4	1,301.44	11 1/4	753.85	11 1/4	309.36	11 1/4	23.64
11 1/2	11 1/2	4,063.23	11 1/2	2,590.11	11 1/2	1,910.99	11 1/2	1,289.09	11 1/2	743.31	11 1/2	301.32	11 1/2	20.51
11 3/4	11 3/4	4,047.31	11 3/4	2,575.43	11 3/4	1,897.30	11 3/4	1,276.75	11 3/4	732.76	11 3/4	293.29	11 3/4	16.99

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/1967 CM  
 DECK MEASUREMENTS: 08/04/2006 MTS  
 REPRINTED: 10/30/2008 CL  
 CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2008

PRECISION MEASUREMENT  
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# BARGE "KIRBY 21857"

# STBD ULLAGE TABLE

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

FORMERLY "KIRBY 26850"

GAUGE HEIGHT 25'-01 3/8"

IN	7 FT.		8 FT.		9 FT.		10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.	
	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	10,722.73	0	10,326.07	0	9,811.93	0	9,213.47	0	8,551.88	0	7,843.05	0	7,100.07	0	6,334.62	0	5,557.50		
1/4	1/4	10,716.12	1/4	10,316.47	1/4	9,800.28	1/4	9,201.31	1/4	8,539.53	1/4	7,831.22	1/4	7,088.32	1/4	6,318.51	1/4	5,541.28		
1/2	1/2	10,709.35	1/2	10,306.76	1/2	9,786.54	1/2	9,187.09	1/2	8,523.23	1/2	7,817.72	1/2	7,074.55	1/2	6,302.39	1/2	5,525.08		
3/4	3/4	10,702.43	3/4	10,296.95	3/4	9,776.72	3/4	9,173.81	3/4	8,508.83	3/4	7,797.49	3/4	7,052.78	3/4	6,286.26	3/4	5,508.89		
1	1	10,695.50	1	10,287.14	1	9,764.91	1	9,160.52	1	8,494.44	1	7,782.26	1	7,037.01	1	6,270.13	1	5,492.70		
1/4	1/4	10,688.58	1/4	10,277.33	1/4	9,753.09	1/4	9,147.24	1/4	8,480.05	1/4	7,767.03	1/4	7,021.23	1/4	6,254.01	1/4	5,476.51		
1/2	1/2	10,681.48	1/2	10,267.42	1/2	9,741.20	1/2	9,133.90	1/2	8,465.61	1/2	7,751.78	1/2	7,005.43	1/2	6,237.88	1/2	5,460.30		
3/4	3/4	10,674.20	3/4	10,257.42	3/4	9,729.26	3/4	9,120.52	3/4	8,451.14	3/4	7,736.51	3/4	6,989.59	3/4	6,221.75	3/4	5,444.09		
2	2	10,666.92	2	10,247.42	2	9,717.31	2	9,107.13	2	8,436.66	2	7,721.24	2	6,973.76	2	6,205.62	2	5,427.88		
1/4	1/4	10,901.68	1/4	10,237.42	1/4	9,705.37	1/4	9,093.74	1/4	8,422.18	1/4	7,705.97	1/4	6,957.92	1/4	6,189.49	1/4	5,411.67		
1/2	1/2	10,900.14	1/2	10,227.33	1/2	9,693.36	1/2	9,080.30	1/2	8,407.67	1/2	7,690.66	1/2	6,942.08	1/2	6,173.34	1/2	5,395.46		
3/4	3/4	10,898.07	3/4	10,217.14	3/4	9,681.29	3/4	9,066.80	3/4	8,393.11	3/4	7,675.33	3/4	6,926.22	3/4	6,157.17	3/4	5,379.27		
3	3	10,896.00	3	10,206.95	3	9,669.22	3	9,053.31	3	8,378.55	3	7,660.00	3	6,910.36	3	6,141.00	3	5,363.08		
1/4	1/4	10,893.92	1/4	10,196.77	1/4	9,657.15	1/4	9,039.82	1/4	8,363.99	1/4	7,644.66	1/4	6,894.50	1/4	6,124.83	1/4	5,346.89		
1/2	1/2	10,891.40	1/2	10,186.48	1/2	9,645.01	1/2	9,026.27	1/2	8,349.40	1/2	7,629.31	1/2	6,878.64	1/2	6,108.66	1/2	5,330.68		
3/4	3/4	10,888.43	3/4	10,176.11	3/4	9,632.79	3/4	9,012.68	3/4	8,334.77	3/4	7,613.93	3/4	6,862.76	3/4	6,092.49	3/4	5,314.44		
4	4	10,885.46	4	10,165.73	4	9,620.57	4	8,999.08	4	8,320.15	4	7,598.56	4	6,846.88	4	6,076.32	4	5,298.21		
1/4	1/4	10,882.49	1/4	10,155.36	1/4	9,608.36	1/4	8,985.48	1/4	8,305.53	1/4	7,583.18	1/4	6,831.00	1/4	6,060.15	1/4	5,281.98		
1/2	1/2	10,879.20	1/2	10,144.90	1/2	9,596.08	1/2	8,971.84	1/2	8,290.87	1/2	7,567.77	1/2	6,815.11	1/2	6,043.97	1/2	5,265.74		
3/4	3/4	10,875.58	3/4	10,134.35	3/4	9,583.73	3/4	8,958.16	3/4	8,276.19	3/4	7,552.34	3/4	6,799.19	3/4	6,027.80	3/4	5,249.51		
5	5	10,871.96	5	10,123.81	5	9,571.39	5	8,944.48	5	8,261.50	5	7,536.90	5	6,783.27	5	6,011.63	5	5,233.28		
1/4	1/4	10,868.34	1/4	10,113.27	1/4	9,559.05	1/4	8,930.80	1/4	8,246.82	1/4	7,521.46	1/4	6,767.35	1/4	5,995.46	1/4	5,217.04		
1/2	1/2	10,864.43	1/2	10,102.63	1/2	9,546.64	1/2	8,917.06	1/2	8,232.08	1/2	7,506.00	1/2	6,751.41	1/2	5,979.27	1/2	5,200.81		
3/4	3/4	10,860.22	3/4	10,091.90	3/4	9,534.18	3/4	8,903.29	3/4	8,217.29	3/4	7,490.52	3/4	6,735.44	3/4	5,963.06	3/4	5,184.58		
6	6	10,856.02	6	10,081.16	6	9,521.71	6	8,889.49	6	8,202.50	6	7,475.04	6	6,719.48	6	5,946.85	6	5,168.34		
1/4	1/4	10,851.81	1/4	10,070.43	1/4	9,509.24	1/4	8,875.71	1/4	8,187.71	1/4	7,459.56	1/4	6,703.52	1/4	5,930.63	1/4	5,152.11		
1/2	1/2	10,847.37	1/2	10,059.38	1/2	9,496.71	1/2	8,861.88	1/2	8,172.90	1/2	7,444.06	1/2	6,687.55	1/2	5,914.42	1/2	5,135.88		
3/4	3/4	10,842.68	3/4	10,048.75	3/4	9,484.12	3/4	8,848.01	3/4	8,158.07	3/4	7,428.53	3/4	6,671.57	3/4	5,898.21	3/4	5,119.64		
7	7	10,838.00	7	10,037.87	7	9,471.52	7	8,834.14	7	8,143.23	7	7,413.01	7	6,655.58	7	5,882.00	7	5,103.41		
1/4	1/4	10,833.31	1/4	10,026.99	1/4	9,458.93	1/4	8,820.27	1/4	8,128.40	1/4	7,397.49	1/4	6,639.60	1/4	5,865.78	1/4	5,087.18		
1/2	1/2	10,828.37	1/2	10,016.03	1/2	9,446.27	1/2	8,806.35	1/2	8,113.53	1/2	7,381.94	1/2	6,623.61	1/2	5,849.57	1/2	5,070.95		
3/4	3/4	10,823.19	3/4	10,004.99	3/4	9,433.55	3/4	8,792.37	3/4	8,098.61	3/4	7,366.66	3/4	6,607.61	3/4	5,833.36	3/4	5,054.74		
8	8	10,818.00	8	9,993.94	8	9,420.83	8	8,778.40	8	8,083.70	8	7,350.77	8	6,591.60	8	5,817.15	8	5,038.53		
1/4	1/4	10,812.81	1/4	9,982.90	1/4	9,408.12	1/4	8,764.43	1/4	8,068.78	1/4	7,335.18	1/4	6,575.60	1/4	5,800.93	1/4	5,022.31		
1/2	1/2	10,807.44	1/2	9,971.77	1/2	9,395.34	1/2	8,750.41	1/2	8,053.85	1/2	7,319.58	1/2	6,559.58	1/2	5,784.71	1/2	5,006.10		
3/4	3/4	10,801.90	3/4	9,960.55	3/4	9,382.52	3/4	8,736.35	3/4	8,038.89	3/4	7,303.95	3/4	6,543.53	3/4	5,768.48	3/4	4,989.89		
9	9	10,796.36	9	9,949.34	9	9,369.70	9	8,722.29	9	8,023.93	9	7,288.32	9	6,527.48	9	5,752.24	9	4,973.68		
1/4	1/4	10,790.81	1/4	9,938.13	1/4	9,356.87	1/4	8,708.24	1/4	8,008.97	1/4	7,272.70	1/4	6,511.44	1/4	5,736.01	1/4	4,957.46		
1/2	1/2	10,785.08	1/2	9,926.84	1/2	9,343.99	1/2	8,694.14	1/2	7,993.98	1/2	7,257.06	1/2	6,495.39	1/2	5,719.79	1/2	4,941.27		
3/4	3/4	10,779.16	3/4	9,915.48	3/4	9,331.04	3/4	8,679.99	3/4	7,978.93	3/4	7,241.41	3/4	6,479.35	3/4	5,703.58	3/4	4,925.10		
10	10	10,773.24	10	9,904.12	10	9,318.09	10	8,665.85	10	7,963.89	10	7,225.76	10	6,463.30	10	5,687.36	10	4,908.93		
1/4	1/4	10,767.32	1/4	9,892.76	1/4	9,305.14	1/4	8,651.71	1/4	7,948.85	1/4	7,210.12	1/4	6,447.26	1/4	5,671.15	1/4	4,892.76		
1/2	1/2	10,761.22	1/2	9,881.33	1/2	9,292.13	1/2	8,637.52	1/2	7,933.78	1/2	7,194.44	1/2	6,431.19	1/2	5,654.92	1/2	4,876.58		
3/4	3/4	10,754.95	3/4	9,869.83	3/4	9,279.05	3/4	8,623.27	3/4	7,918.68	3/4	7,178.73	3/4	6,415.11	3/4	5,638.66	3/4	4,860.39		
11	11	10,748.67	11	9,858.32	11	9,265.98	11	8,609.03	11	7,903.57	11	7,163.02	11	6,399.02	11	5,622.41	11	4,844.20		
1/4	1/4	10,742.40	1/4	9,846.82	1/4	9,252.90	1/4	8,594.78	1/4	7,888.47	1/4	7,147.31	1/4	6,382.93	1/4	5,606.15	1/4	4,828.00		
1/2	1/2	10,735.95	1/2	9,835.24	1/2	9,239.79	1/2	8,580.50	1/2	7,873.34	1/2	7,131.57	1/2	6,366.83	1/2	5,589.92	1/2	4,811.83		
3/4	3/4	10,729.34	3/4	9,823.58	3/4	9,226.63	3/4	8,566.16	3/4	7,858.20	3/4	7,115.82	3/4	6,350.73	3/4	5,573.71	3/4	4,795.68		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.  
CAPACITIES ALLOW FOR CONTRACTION OF TANK SHELL FOR -28 DEGREE F.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P. O. Box 2092  
Pearland, Texas 77588  
http://www.pmacorp.net



# BARGE "KIRBY 21857"

# STBD ULLAGE TABLE

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

FORMERLY "KIRBY 26850"

17 FT.		18 FT.		19 FT.		20 FT.		21 FT.		22 FT.		23 FT.		24 FT.		25 FT.		26 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	4,779.53	0	4,009.85	0	3,259.65	0	2,540.37	0	1,864.54	0	1,247.19	0	707.63	0	274.68	0	10.61	0	0
1/4	4,763.38	1/4	3,993.99	1/4	3,244.31	1/4	2,525.25	1/4	1,851.07	1/4	1,235.02	1/4	697.44	1/4	267.17	1/4	8.05	1/4	1/4
1/2	4,747.22	1/2	3,978.13	1/2	3,228.99	1/2	2,511.25	1/2	1,837.59	1/2	1,223.02	1/2	687.25	1/2	259.66	1/2	6.08	1/2	1/2
3/4	4,731.05	3/4	3,962.28	3/4	3,213.68	3/4	2,496.69	3/4	1,824.10	3/4	1,210.95	3/4	677.07	3/4	252.15	3/4	4.68	3/4	3/4
1	4,714.88	1	3,946.42	1	3,198.36	1	2,482.13	1	1,810.60	1	1,198.88	1	666.88	1	244.64	1	3.27	1	1
1 1/4	4,698.71	1 1/4	3,930.56	1 1/4	3,183.05	1 1/4	2,467.57	1 1/4	1,797.11	1 1/4	1,186.81	1 1/4	656.69	1 1/4	237.13	1 1/4	1.87	1 1/4	1 1/4
1 1/2	4,682.56	1 1/2	3,914.74	1 1/2	3,167.78	1 1/2	2,453.09	1 1/2	1,784.87	1 1/2	1,174.87	1 1/2	646.69	1 1/2	229.84	1 1/2	1.17	1 1/2	1 1/2
1 3/4	4,666.43	1 3/4	3,898.94	1 3/4	3,152.55	1 3/4	2,438.70	1 3/4	1,770.44	1 3/4	1,163.08	1 3/4	636.88	1 3/4	222.77	1 3/4	0.61	1 3/4	1 3/4
2	4,650.31	2	3,883.15	2	3,137.32	2	2,424.31	2	1,757.15	2	1,151.28	2	627.07	2	215.70	2	0.22	2	2
2 1/4	4,634.18	2 1/4	3,867.36	2 1/4	3,122.09	2 1/4	2,409.91	2 1/4	1,743.87	2 1/4	1,139.48	2 1/4	617.26	2 1/4	208.63	2 1/4	0.00	2 1/4	2 1/4
2 1/2	4,618.05	2 1/2	3,851.57	2 1/2	3,106.87	2 1/2	2,395.52	2 1/2	1,730.52	2 1/2	1,127.67	2 1/2	607.45	2 1/2	201.72	2 1/2	0.00	2 1/2	2 1/2
2 3/4	4,601.92	2 3/4	3,835.80	2 3/4	3,091.66	2 3/4	2,381.13	2 3/4	1,717.30	2 3/4	1,115.85	2 3/4	597.64	2 3/4	194.96	2 3/4	0.00	2 3/4	2 3/4
3	4,585.79	3	3,820.03	3	3,076.46	3	2,366.74	3	1,704.02	3	1,104.03	3	587.82	3	188.20	3	0.00	3	3
3 1/4	4,569.66	3 1/4	3,804.25	3 1/4	3,061.25	3 1/4	2,352.34	3 1/4	1,690.74	3 1/4	1,092.21	3 1/4	578.01	3 1/4	181.44	3 1/4	0.00	3 1/4	3 1/4
3 1/2	4,553.56	3 1/2	3,788.51	3 1/2	3,046.09	3 1/2	2,338.03	3 1/2	1,677.56	3 1/2	1,080.55	3 1/2	568.40	3 1/2	174.84	3 1/2	0.00	3 1/2	3 1/2
3 3/4	4,537.50	3 3/4	3,772.80	3 3/4	3,030.99	3 3/4	2,323.81	3 3/4	1,664.48	3 3/4	1,069.04	3 3/4	558.99	3 3/4	168.40	3 3/4	0.00	3 3/4	3 3/4
4	4,521.43	4	3,757.09	4	3,015.88	4	2,309.58	4	1,651.41	4	1,057.54	4	549.57	4	161.96	4	0.00	4	4
4 1/4	4,505.37	4 1/4	3,741.38	4 1/4	3,000.78	4 1/4	2,295.36	4 1/4	1,638.33	4 1/4	1,046.03	4 1/4	540.16	4 1/4	155.51	4 1/4	0.00	4 1/4	4 1/4
4 1/2	4,489.29	4 1/2	3,725.67	4 1/2	2,985.68	4 1/2	2,281.12	4 1/2	1,625.27	4 1/2	1,034.53	4 1/2	530.75	4 1/2	149.24	4 1/2	0.00	4 1/2	4 1/2
4 1/3	4,473.20	4 1/3	3,709.96	4 1/3	2,970.57	4 1/3	2,266.88	4 1/3	1,612.21	4 1/3	1,023.02	4 1/3	521.33	4 1/3	143.13	4 1/3	0.00	4 1/3	4 1/3
4 1/4	4,457.11	4 1/4	3,694.25	4 1/4	2,955.47	4 1/4	2,252.63	4 1/4	1,599.16	4 1/4	1,011.52	4 1/4	511.92	4 1/4	137.02	4 1/4	0.00	4 1/4	4 1/4
4 1/5	4,441.03	4 1/5	3,678.54	4 1/5	2,940.37	4 1/5	2,238.38	4 1/5	1,586.11	4 1/5	1,000.01	4 1/5	502.50	4 1/5	130.91	4 1/5	0.00	4 1/5	4 1/5
4 1/6	4,424.97	4 1/6	3,662.87	4 1/6	2,925.33	4 1/6	2,224.23	4 1/6	1,573.16	4 1/6	988.85	4 1/6	493.30	4 1/6	124.99	4 1/6	0.00	4 1/6	4 1/6
4 1/7	4,408.95	4 1/7	3,647.24	4 1/7	2,910.38	4 1/7	2,210.17	4 1/7	1,560.31	4 1/7	977.44	4 1/7	484.30	4 1/7	119.26	4 1/7	0.00	4 1/7	4 1/7
4 1/8	4,392.92	4 1/8	3,631.61	4 1/8	2,895.42	4 1/8	2,196.12	4 1/8	1,547.47	4 1/8	966.22	4 1/8	475.31	4 1/8	113.53	4 1/8	0.00	4 1/8	4 1/8
4 1/9	4,376.90	4 1/9	3,615.99	4 1/9	2,880.46	4 1/9	2,182.06	4 1/9	1,534.62	4 1/9	955.01	4 1/9	466.31	4 1/9	107.80	4 1/9	0.00	4 1/9	4 1/9
4 1/10	4,360.86	4 1/10	3,600.37	4 1/10	2,865.49	4 1/10	2,168.00	4 1/10	1,521.79	4 1/10	943.80	4 1/10	457.33	4 1/10	102.25	4 1/10	0.00	4 1/10	4 1/10
4 1/11	4,344.82	4 1/11	3,584.77	4 1/11	2,850.52	4 1/11	2,153.94	4 1/11	1,508.97	4 1/11	932.59	4 1/11	448.35	4 1/11	96.90	4 1/11	0.00	4 1/11	4 1/11
4 1/12	4,328.77	4 1/12	3,569.16	4 1/12	2,835.54	4 1/12	2,139.89	4 1/12	1,496.14	4 1/12	921.37	4 1/12	439.38	4 1/12	91.54	4 1/12	0.00	4 1/12	4 1/12
4 1/13	4,312.73	4 1/13	3,553.55	4 1/13	2,820.56	4 1/13	2,125.83	4 1/13	1,483.32	4 1/13	910.16	4 1/13	430.41	4 1/13	86.19	4 1/13	0.00	4 1/13	4 1/13
4 1/14	4,296.72	4 1/14	3,537.98	4 1/14	2,805.64	4 1/14	2,111.86	4 1/14	1,470.61	4 1/14	899.12	4 1/14	421.65	4 1/14	81.05	4 1/14	0.00	4 1/14	4 1/14
4 1/15	4,280.73	4 1/15	3,522.44	4 1/15	2,790.79	4 1/15	2,097.99	4 1/15	1,458.02	4 1/15	888.24	4 1/15	413.12	4 1/15	76.14	4 1/15	0.00	4 1/15	4 1/15
4 1/16	4,264.75	4 1/16	3,506.89	4 1/16	2,775.94	4 1/16	2,084.12	4 1/16	1,445.42	4 1/16	877.36	4 1/16	404.58	4 1/16	71.22	4 1/16	0.00	4 1/16	4 1/16
4 1/17	4,248.77	4 1/17	3,491.35	4 1/17	2,761.09	4 1/17	2,070.26	4 1/17	1,432.83	4 1/17	866.48	4 1/17	396.05	4 1/17	66.30	4 1/17	0.00	4 1/17	4 1/17
4 1/18	4,232.79	4 1/18	3,475.82	4 1/18	2,746.24	4 1/18	2,056.39	4 1/18	1,420.24	4 1/18	855.60	4 1/18	387.52	4 1/18	61.62	4 1/18	0.00	4 1/18	4 1/18
4 1/19	4,216.80	4 1/19	3,460.30	4 1/19	2,731.41	4 1/19	2,042.52	4 1/19	1,407.64	4 1/19	844.72	4 1/19	379.01	4 1/19	57.16	4 1/19	0.00	4 1/19	4 1/19
4 1/20	4,200.82	4 1/20	3,444.77	4 1/20	2,716.58	4 1/20	2,028.65	4 1/20	1,395.05	4 1/20	833.85	4 1/20	370.49	4 1/20	52.71	4 1/20	0.00	4 1/20	4 1/20
4 1/21	4,184.84	4 1/21	3,429.25	4 1/21	2,701.75	4 1/21	2,014.78	4 1/21	1,382.46	4 1/21	822.97	4 1/21	361.98	4 1/21	48.25	4 1/21	0.00	4 1/21	4 1/21
4 1/22	4,168.89	4 1/22	3,413.77	4 1/22	2,686.98	4 1/22	2,000.99	4 1/22	1,369.99	4 1/22	812.25	4 1/22	353.70	4 1/22	44.06	4 1/22	0.00	4 1/22	4 1/22
4 1/23	4,152.97	4 1/23	3,398.33	4 1/23	2,672.27	4 1/23	1,987.29	4 1/23	1,357.65	4 1/23	801.68	4 1/23	345.67	4 1/23	40.12	4 1/23	0.00	4 1/23	4 1/23
4 1/24	4,137.05	4 1/24	3,382.89	4 1/24	2,657.57	4 1/24	1,973.59	4 1/24	1,345.30	4 1/24	791.12	4 1/24	337.64	4 1/24	36.19	4 1/24	0.00	4 1/24	4 1/24
4 1/25	4,121.13	4 1/25	3,367.46	4 1/25	2,642.86	4 1/25	1,959.88	4 1/25	1,332.96	4 1/25	780.55	4 1/25	329.61	4 1/25	32.26	4 1/25	0.00	4 1/25	4 1/25
4 1/26	4,105.21	4 1/26	3,352.02	4 1/26	2,628.16	4 1/26	1,946.18	4 1/26	1,320.62	4 1/26	770.00	4 1/26	321.57	4 1/26	28.63	4 1/26	0.00	4 1/26	4 1/26
4 1/27	4,089.29	4 1/27	3,336.58	4 1/27	2,613.48	4 1/27	1,932.48	4 1/27	1,308.28	4 1/27	759.46	4 1/27	313.54	4 1/27	25.30	4 1/27	0.00	4 1/27	4 1/27
4 1/28	4,073.37	4 1/28	3,321.14	4 1/28	2,598.79	4 1/28	1,918.78	4 1/28	1,295.93	4 1/28	748.91	4 1/28	305.51	4 1/28	21.98	4 1/28	0.00	4 1/28	4 1/28
4 1/29	4,057.45	4 1/29	3,305.70	4 1/29	2,584.11	4 1/29	1,905.08	4 1/29	1,283.59	4 1/29	738.37	4 1/29	297.47	4 1/29	18.65	4 1/29	0.00	4 1/29	4 1/29
4 1/30	4,041.56	4 1/30	3,290.32	4 1/30	2,569.49	4 1/30	1,891.49	4 1/30	1,271.38	4 1/30	728.01	4 1/30	289.70	4 1/30	15.71	4 1/30	0.00	4 1/30	4 1/30
4 1/31	4,025.70	4 1/31	3,274.98	4 1/31	2,554.93	4 1/31	1,878.02	4 1/31	1,259.28	4 1/31	717.82	4 1/31	282.19	4 1/31	13.16	4 1/31	0.00	4 1/31	4 1/31

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/19/1987 CM  
 DECK MEASUREMENTS: 09/04/2006 MTS  
 REPRINTED: 10/30/2008 CL

CANCELS AND SUPERCEDES  
 ALL PRIOR TO 10/2008

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