

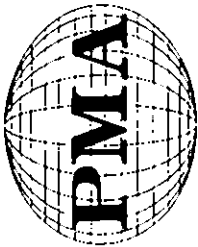


KIRBY 10557



Barge Strapping Tables





BARGE "KIRBY 10557"

ULLAGE TRIM TABLE

FORMERLY "S/R 109"

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

(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 4'-00 1/4"

LENGTH BETWEEN DRAFT MARKS: 158'-06"

August 17, 2004

PRECISION MEASUREMENT

& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10557"

1 CENTER ULLAGE TABLE

FORMERLY "SR 109"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		FORMERLY "SR 109"		GAUGE HEIGHT 16'-10 1/2"							
IN	OUT	10 FT.	11 FT.	12 FT.	13 FT.	14 FT.	15 FT.	16 FT.	17 FT.	18 FT.	19 FT.
0	0	1,434.90	0	1,186.23	0	937.56	0	689.02	0	440.67	0
1/4	1/4	1,429.72	1/4	1,181.05	1/4	932.38	1/4	683.85	1/4	435.49	1/4
1/2	1/2	1,424.54	1/2	1,175.87	1/2	927.20	1/2	678.68	1/2	430.31	1/2
3/4	3/4	1,419.36	3/4	1,170.69	3/4	922.02	3/4	673.51	3/4	425.13	3/4
1	1	1,414.18	1	1,165.51	1	916.83	1	668.34	1	419.95	1
1 1/4	1 1/4	1,409.00	1 1/4	1,160.33	1 1/4	911.65	1 1/4	663.17	1 1/4	414.77	1 1/4
1 1/2	1 1/2	1,403.82	1 1/2	1,155.15	1 1/2	906.47	1 1/2	658.00	1 1/2	409.59	1 1/2
1 3/4	1 3/4	1,398.64	1 3/4	1,149.97	1 3/4	901.29	1 3/4	652.83	1 3/4	404.41	1 3/4
2	2	1,393.45	2	1,144.78	2	896.11	2	647.66	2	399.23	2
2 1/4	2 1/4	1,388.27	2 1/4	1,139.60	2 1/4	890.93	2 1/4	642.49	2 1/4	394.05	2 1/4
2 1/2	2 1/2	1,383.09	2 1/2	1,134.42	2 1/2	885.75	2 1/2	637.32	2 1/2	388.87	2 1/2
2 3/4	2 3/4	1,377.91	2 3/4	1,129.24	2 3/4	880.57	2 3/4	632.15	2 3/4	383.69	2 3/4
3	3	1,372.73	3	1,124.06	3	875.39	3	626.98	3	378.51	3
3 1/4	3 1/4	1,367.55	3 1/4	1,118.88	3 1/4	870.21	3 1/4	621.81	3 1/4	373.33	3 1/4
3 1/2	3 1/2	1,362.37	3 1/2	1,113.70	3 1/2	865.03	3 1/2	616.64	3 1/2	368.15	3 1/2
3 3/4	3 3/4	1,357.19	3 3/4	1,108.52	3 3/4	859.85	3 3/4	611.47	3 3/4	362.97	3 3/4
4	4	1,352.01	4	1,103.34	4	854.68	4	606.30	4	357.78	4
4 1/4	4 1/4	1,346.83	4 1/4	1,098.16	4 1/4	849.48	4 1/4	601.13	4 1/4	352.60	4 1/4
4 1/2	4 1/2	1,341.65	4 1/2	1,092.98	4 1/2	844.30	4 1/2	595.96	4 1/2	347.42	4 1/2
4 3/4	4 3/4	1,336.47	4 3/4	1,087.80	4 3/4	839.12	4 3/4	590.79	4 3/4	342.24	4 3/4
5	5	1,331.29	5	1,082.61	5	833.94	5	585.62	5	337.06	5
5 1/4	5 1/4	1,326.11	5 1/4	1,077.43	5 1/4	828.76	5 1/4	580.45	5 1/4	331.88	5 1/4
5 1/2	5 1/2	1,320.93	5 1/2	1,072.25	5 1/2	823.58	5 1/2	575.28	5 1/2	326.70	5 1/2
5 3/4	5 3/4	1,315.75	5 3/4	1,067.07	5 3/4	818.40	5 3/4	570.11	5 3/4	321.52	5 3/4
6	6	1,310.56	6	1,061.89	6	813.22	6	564.94	6	316.34	6
6 1/4	6 1/4	1,305.38	6 1/4	1,056.71	6 1/4	808.04	6 1/4	559.78	6 1/4	311.16	6 1/4
6 1/2	6 1/2	1,300.20	6 1/2	1,051.53	6 1/2	802.86	6 1/2	554.61	6 1/2	305.98	6 1/2
6 3/4	6 3/4	1,295.02	6 3/4	1,046.35	6 3/4	797.68	6 3/4	549.43	6 3/4	300.80	6 3/4
7	7	1,289.84	7	1,041.17	7	792.50	7	544.25	7	295.62	7
7 1/4	7 1/4	1,284.66	7 1/4	1,035.99	7 1/4	787.32	7 1/4	539.08	7 1/4	290.44	7 1/4
7 1/2	7 1/2	1,279.48	7 1/2	1,030.81	7 1/2	782.14	7 1/2	533.90	7 1/2	285.26	7 1/2
7 3/4	7 3/4	1,274.30	7 3/4	1,025.63	7 3/4	776.96	7 3/4	528.72	7 3/4	280.08	7 3/4
8	8	1,269.12	8	1,020.45	8	771.77	8	523.54	8	274.90	8
8 1/4	8 1/4	1,263.94	8 1/4	1,015.27	8 1/4	766.59	8 1/4	518.37	8 1/4	269.72	8 1/4
8 1/2	8 1/2	1,258.76	8 1/2	1,010.09	8 1/2	761.41	8 1/2	513.19	8 1/2	264.54	8 1/2
8 3/4	8 3/4	1,253.58	8 3/4	1,004.91	8 3/4	756.24	8 3/4	508.01	8 3/4	259.36	8 3/4
9	9	1,248.40	9	999.72	9	751.06	9	502.83	9	254.18	9
9 1/4	9 1/4	1,243.22	9 1/4	994.54	9 1/4	745.89	9 1/4	497.65	9 1/4	249.00	9 1/4
9 1/2	9 1/2	1,238.04	9 1/2	989.36	9 1/2	740.72	9 1/2	492.47	9 1/2	243.82	9 1/2
9 3/4	9 3/4	1,232.86	9 3/4	984.18	9 3/4	735.55	9 3/4	487.29	9 3/4	238.64	9 3/4
10	10	1,227.67	10	979.00	10	730.38	10	482.11	10	233.46	10
10 1/4	10 1/4	1,222.49	10 1/4	973.82	10 1/4	725.21	10 1/4	476.93	10 1/4	228.28	10 1/4
10 1/2	10 1/2	1,217.31	10 1/2	968.64	10 1/2	720.04	10 1/2	471.75	10 1/2	223.10	10 1/2
10 3/4	10 3/4	1,212.13	10 3/4	963.46	10 3/4	714.87	10 3/4	466.57	10 3/4	217.92	10 3/4
11	11	1,206.95	11	958.28	11	709.70	11	461.39	11	212.73	11
11 1/4	11 1/4	1,201.77	11 1/4	953.10	11 1/4	704.53	11 1/4	456.21	11 1/4	207.55	11 1/4
11 1/2	11 1/2	1,196.59	11 1/2	947.92	11 1/2	699.36	11 1/2	451.03	11 1/2	202.37	11 1/2
11 3/4	11 3/4	1,191.41	11 3/4	942.74	11 3/4	694.19	11 3/4	445.85	11 3/4	197.19	11 3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED 06/29/1999 ITS
DECK MEASUREMENTS: 08/17/2004 SW CL
REPRINTED: 06/24/2004 SW

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2004

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2082
Pearland, Texas 77588
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BARGE "KIRBY 10557"

2 CENTER ULLAGE TABLE

FORMERLY "SR 109"

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS		GAUGE HEIGHT 16'-09 3/4"																													
		1 FT.			2 FT.			3 FT.			4 FT.			5 FT.			6 FT.			7 FT.			8 FT.			9 FT.					
N	0 FT.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14
15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15
16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17
18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18	18
19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19	19
20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20	20
21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21	21
22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22	22
23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23	23
24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26	26
27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27	27
28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29	29
30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30	30

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77568
<http://www.pmacorp.net>

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH API WPMNS 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 "MIMC" CLOSED GAUGING DEVICE.
GAUGE POINT: (MIMC) LOCATED ON CENTERLINE AND 31'-00" FORWARD OF AFT BULKHEAD.



BARGE "KIRBY 10557"

2 CENTER ULLAGE TABLE

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

		FORMERLY "SR 109"										GAUGE HEIGHT 16'-09 3/4"							
		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D	N	D
0	1,669.90	0	1,420.95	0	1,172.00	0	923.05	0	674.26	0	425.60	0	176.88	0		0		0	
1/4	1,664.71	1/4	1,415.76	1/4	1,166.81	1/4	917.86	1/4	669.09	1/4	420.42	1/4	171.49	1/4		1/4		1/4	
1/2	1,659.53	1/2	1,410.58	1/2	1,161.63	1/2	912.86	1/2	663.91	1/2	415.23	1/2	166.31	1/2		1/2		1/2	
3/4	1,654.34	3/4	1,405.39	3/4	1,156.44	3/4	907.49	3/4	658.74	3/4	410.05	3/4	161.13	3/4		3/4		3/4	
1	1,649.15	1	1,400.20	1	1,151.25	1	902.30	1	653.56	1	404.86	1	155.95	1		1		1	
1 1/4	1,643.97	1 1/4	1,395.02	1 1/4	1,146.07	1 1/4	897.12	1 1/4	648.39	1 1/4	399.67	1 1/4	150.77	1 1/4		1 1/4		1 1/4	
1 1/2	1,638.78	1 1/2	1,389.83	1 1/2	1,140.88	1 1/2	891.93	1 1/2	643.21	1 1/2	394.49	1 1/2	145.59	1 1/2		1 1/2		1 1/2	
3/2	1,633.60	3/2	1,384.65	3/2	1,135.70	3/2	886.75	3/2	638.04	3/2	389.30	3/2	140.41	3/2		3/2		3/2	
2	1,628.42	2	1,379.46	2	1,130.51	2	881.56	2	632.86	2	384.11	2	135.23	2		2		2	
2 1/4	1,623.22	2 1/4	1,374.27	2 1/4	1,125.32	2 1/4	876.37	2 1/4	627.69	2 1/4	378.93	2 1/4	130.05	2 1/4		2 1/4		2 1/4	
2 1/2	1,618.04	2 1/2	1,369.09	2 1/2	1,120.14	2 1/2	871.19	2 1/2	622.51	2 1/2	373.74	2 1/2	124.87	2 1/2		2 1/2		2 1/2	
3 1/4	1,612.85	3 1/4	1,363.90	3 1/4	1,114.95	3 1/4	866.00	3 1/4	617.34	3 1/4	368.56	3 1/4	119.69	3 1/4		3 1/4		3 1/4	
3	1,607.66	3	1,358.71	3	1,109.76	3	860.81	3	612.16	3	363.37	3	114.51	3		3		3	
3 1/4	1,602.48	3 1/4	1,353.53	3 1/4	1,104.58	3 1/4	855.62	3 1/4	606.98	3 1/4	358.18	3 1/4	109.33	3 1/4		3 1/4		3 1/4	
3 1/2	1,597.29	3 1/2	1,348.34	3 1/2	1,099.39	3 1/2	850.44	3 1/2	601.81	3 1/2	353.00	3 1/2	104.15	3 1/2		3 1/2		3 1/2	
3 3/4	1,592.11	3 3/4	1,343.16	3 3/4	1,094.21	3 3/4	845.25	3 3/4	596.63	3 3/4	347.81	3 3/4	98.97	3 3/4		3 3/4		3 3/4	
4	1,586.92	4	1,337.97	4	1,089.02	4	840.06	4	591.45	4	342.62	4	93.79	4		4		4	
4 1/4	1,581.73	4 1/4	1,332.78	4 1/4	1,083.83	4 1/4	834.88	4 1/4	586.28	4 1/4	337.44	4 1/4	88.60	4 1/4		4 1/4		4 1/4	
4 1/2	1,576.55	4 1/2	1,327.60	4 1/2	1,078.65	4 1/2	829.69	4 1/2	581.10	4 1/2	332.25	4 1/2	83.42	4 1/2		4 1/2		4 1/2	
4 3/4	1,571.36	4 3/4	1,322.41	4 3/4	1,073.46	4 3/4	824.51	4 3/4	575.93	4 3/4	327.07	4 3/4	78.24	4 3/4		4 3/4		4 3/4	
5	1,566.17	5	1,317.22	5	1,068.27	5	819.32	5	570.75	5	321.88	5	73.05	5		5		5	
5 1/4	1,560.98	5 1/4	1,312.03	5 1/4	1,063.08	5 1/4	814.13	5 1/4	565.58	5 1/4	316.69	5 1/4	67.87	5 1/4		5 1/4		5 1/4	
5 1/2	1,555.80	5 1/2	1,306.85	5 1/2	1,057.90	5 1/2	808.95	5 1/2	560.40	5 1/2	311.51	5 1/2	62.68	5 1/2		5 1/2		5 1/2	
5 3/4	1,550.61	5 3/4	1,301.66	5 3/4	1,052.71	5 3/4	803.76	5 3/4	555.23	5 3/4	306.32	5 3/4	57.50	5 3/4		5 3/4		5 3/4	
6	1,545.42	6	1,296.47	6	1,047.52	6	798.57	6	550.05	6	301.13	6	52.31	6		6		6	
6 1/4	1,540.24	6 1/4	1,291.29	6 1/4	1,042.34	6 1/4	793.39	6 1/4	544.86	6 1/4	295.95	6 1/4	47.13	6 1/4		6 1/4		6 1/4	
6 1/2	1,535.05	6 1/2	1,286.10	6 1/2	1,037.15	6 1/2	788.20	6 1/2	539.68	6 1/2	290.76	6 1/2	41.94	6 1/2		6 1/2		6 1/2	
6 3/4	1,529.87	6 3/4	1,280.92	6 3/4	1,031.97	6 3/4	783.02	6 3/4	534.50	6 3/4	285.58	6 3/4	36.76	6 3/4		6 3/4		6 3/4	
7	1,524.68	7	1,275.73	7	1,026.78	7	777.83	7	529.31	7	280.39	7	32.10	7		7		7	
7 1/4	1,519.49	7 1/4	1,270.54	7 1/4	1,021.59	7 1/4	772.64	7 1/4	524.13	7 1/4	275.21	7 1/4	27.44	7 1/4		7 1/4		7 1/4	
7 1/2	1,514.31	7 1/2	1,265.36	7 1/2	1,016.41	7 1/2	767.46	7 1/2	518.94	7 1/2	270.02	7 1/2	22.78	7 1/2		7 1/2		7 1/2	
7 3/4	1,509.12	7 3/4	1,260.17	7 3/4	1,011.22	7 3/4	762.27	7 3/4	513.76	7 3/4	264.84	7 3/4	18.12	7 3/4		7 3/4		7 3/4	
8	1,503.93	8	1,254.98	8	1,006.03	8	757.09	8	508.57	8	259.65	8	15.09	8		8		8	
8 1/4	1,498.75	8 1/4	1,249.80	8 1/4	1,000.85	8 1/4	751.91	8 1/4	503.39	8 1/4	254.46	8 1/4	12.07	8 1/4		8 1/4		8 1/4	
8 1/2	1,493.56	8 1/2	1,244.61	8 1/2	995.66	8 1/2	746.73	8 1/2	498.20	8 1/2	249.28	8 1/2	9.04	8 1/2		8 1/2		8 1/2	
8 3/4	1,488.38	8 3/4	1,239.43	8 3/4	990.48	8 3/4	741.55	8 3/4	493.02	8 3/4	244.09	8 3/4	6.02	8 3/4		8 3/4		8 3/4	
9	1,483.19	9	1,234.24	9	985.29	9	736.37	9	487.83	9	238.90	9	4.72	9		9		9	
9 1/4	1,478.00	9 1/4	1,229.05	9 1/4	980.10	9 1/4	731.20	9 1/4	482.65	9 1/4	233.72	9 1/4	3.43	9 1/4		9 1/4		9 1/4	
9 1/2	1,472.82	9 1/2	1,223.87	9 1/2	974.92	9 1/2	726.02	9 1/2	477.46	9 1/2	228.53	9 1/2	2.13	9 1/2		9 1/2		9 1/2	
9 3/4	1,467.63	9 3/4	1,218.68	9 3/4	969.73	9 3/4	720.85	9 3/4	472.28	9 3/4	223.35	9 3/4	0.84	9 3/4		9 3/4		9 3/4	
10	1,462.44	10	1,213.49	10	964.54	10	715.67	10	467.09	10	218.16	10		10		10		10	
10 1/4	1,457.26	10 1/4	1,208.31	10 1/4	959.35	10 1/4	710.50	10 1/4	461.91	10 1/4	212.97	10 1/4		10 1/4		10 1/4		10 1/4	
10 1/2	1,452.07	10 1/2	1,203.12	10 1/2	954.17	10 1/2	705.32	10 1/2	456.72	10 1/2	207.79	10 1/2		10 1/2		10 1/2		10 1/2	
10 3/4	1,446.89	10 3/4	1,197.94	10 3/4	948.98	10 3/4	700.15	10 3/4	451.54	10 3/4	202.60	10 3/4		10 3/4		10 3/4		10 3/4	
11	1,441.70	11	1,192.75	11	943.79	11	694.97	11	446.35	11	197.41	11		11		11		11	
11 1/4	1,436.51	11 1/4	1,187.56	11 1/4	938.61	11 1/4	689.79	11 1/4	441.16	11 1/4	192.23	11 1/4		11 1/4		11 1/4		11 1/4	
11 1/2	1,431.33	11 1/2	1,182.38	11 1/2	933.42	11 1/2	684.62	11 1/2	435.98	11 1/2	187.04	11 1/2		11 1/2		11 1/2		11 1/2	
11 3/4	1,426.14	11 3/4	1,177.19	11 3/4	928.24	11 3/4	679.44	11 3/4	430.79	11 3/4	181.86	11 3/4		11 3/4		11 3/4		11 3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY

STRAPPED: 06/20/1998 ITS
DECK MEASUREMENTS: 08/17/2004 SW CL
REPRINTED: 08/24/2004 SW
CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2004

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



BARGE "KIRBY 10557"

3 CENTER ULLAGE TABLE

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

FORMERLY "SR 109"

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	1,679.40	0	1,430.19	0	682.73	0	433.83	0	184.64	0
1/4	1,674.21	1/4	1,425.00	1/4	677.55	1/4	428.64	1/4	179.45	1/4
1/2	1,669.02	1/2	1,419.81	1/2	672.37	1/2	423.45	1/2	174.27	1/2
3/4	1,663.82	3/4	1,414.61	3/4	667.18	3/4	418.25	3/4	169.08	3/4
1	1,658.63	1	1,409.42	1	662.00	1	413.06	1	163.89	1
1 1/4	1,653.44	1 1/4	1,404.23	1 1/4	656.82	1 1/4	407.87	1 1/4	158.70	1 1/4
1 1/2	1,648.25	1 1/2	1,399.04	1 1/2	651.64	1 1/2	402.68	1 1/2	153.52	1 1/2
1 3/4	1,643.05	1 3/4	1,393.85	1 3/4	646.46	1 3/4	397.49	1 3/4	148.33	1 3/4
2	1,637.86	2	1,388.66	2	641.28	2	392.30	2	143.14	2
2 1/4	1,632.67	2 1/4	1,383.47	2 1/4	636.10	2 1/4	387.11	2 1/4	137.96	2 1/4
2 1/2	1,627.48	2 1/2	1,378.28	2 1/2	630.92	2 1/2	381.92	2 1/2	132.77	2 1/2
2 3/4	1,622.28	2 3/4	1,373.08	2 3/4	625.74	2 3/4	376.72	2 3/4	127.59	2 3/4
3	1,617.09	3	1,367.89	3	620.56	3	371.53	3	122.40	3
3 1/4	1,611.90	3 1/4	1,362.70	3 1/4	615.38	3 1/4	366.34	3 1/4	117.22	3 1/4
3 1/2	1,606.71	3 1/2	1,357.51	3 1/2	610.20	3 1/2	361.15	3 1/2	112.03	3 1/2
3 3/4	1,601.52	3 3/4	1,352.31	3 3/4	605.01	3 3/4	355.95	3 3/4	106.85	3 3/4
4	1,596.33	4	1,347.12	4	599.83	4	350.76	4	101.66	4
4 1/4	1,591.14	4 1/4	1,341.93	4 1/4	594.65	4 1/4	345.57	4 1/4	96.48	4 1/4
4 1/2	1,585.95	4 1/2	1,336.74	4 1/2	589.47	4 1/2	340.38	4 1/2	91.29	4 1/2
4 3/4	1,580.75	4 3/4	1,331.55	4 3/4	584.29	4 3/4	335.19	4 3/4	86.11	4 3/4
5	1,575.56	5	1,326.36	5	579.11	5	330.00	5	80.92	5
5 1/4	1,570.37	5 1/4	1,321.17	5 1/4	573.93	5 1/4	324.81	5 1/4	75.73	5 1/4
5 1/2	1,565.18	5 1/2	1,315.98	5 1/2	568.75	5 1/2	319.62	5 1/2	70.54	5 1/2
5 3/4	1,559.98	5 3/4	1,310.78	5 3/4	563.57	5 3/4	314.42	5 3/4	65.35	5 3/4
6	1,554.79	6	1,305.59	6	558.39	6	309.23	6	60.16	6
6 1/4	1,549.60	6 1/4	1,300.40	6 1/4	553.20	6 1/4	304.04	6 1/4	54.97	6 1/4
6 1/2	1,544.41	6 1/2	1,295.21	6 1/2	548.02	6 1/2	298.85	6 1/2	49.78	6 1/2
6 3/4	1,539.22	6 3/4	1,290.01	6 3/4	542.83	6 3/4	293.66	6 3/4	44.58	6 3/4
7	1,534.03	7	1,284.82	7	537.64	7	288.47	7	39.39	7
7 1/4	1,528.84	7 1/4	1,279.63	7 1/4	532.45	7 1/4	283.28	7 1/4	34.20	7 1/4
7 1/2	1,523.65	7 1/2	1,274.44	7 1/2	527.26	7 1/2	278.09	7 1/2	29.01	7 1/2
7 3/4	1,518.45	7 3/4	1,269.25	7 3/4	522.07	7 3/4	272.89	7 3/4	23.82	7 3/4
8	1,513.26	8	1,264.06	8	516.88	8	267.70	8	18.63	8
8 1/4	1,508.07	8 1/4	1,258.87	8 1/4	511.69	8 1/4	262.51	8 1/4	13.44	8 1/4
8 1/2	1,502.88	8 1/2	1,253.68	8 1/2	506.50	8 1/2	257.32	8 1/2	8.25	8 1/2
8 3/4	1,497.68	8 3/4	1,248.48	8 3/4	501.31	8 3/4	252.12	8 3/4	3.06	8 3/4
9	1,492.49	9	1,243.29	9	496.12	9	246.93	9	0.00	9
9 1/4	1,487.30	9 1/4	1,238.10	9 1/4	490.93	9 1/4	241.74	9 1/4	0.00	9 1/4
9 1/2	1,482.11	9 1/2	1,232.91	9 1/2	485.74	9 1/2	236.55	9 1/2	0.00	9 1/2
9 3/4	1,476.92	9 3/4	1,227.71	9 3/4	480.55	9 3/4	231.36	9 3/4	0.00	9 3/4
10	1,471.73	10	1,222.52	10	475.36	10	226.17	10	0.00	10
10 1/4	1,466.54	10 1/4	1,217.33	10 1/4	470.17	10 1/4	220.98	10 1/4	0.00	10 1/4
10 1/2	1,461.35	10 1/2	1,212.14	10 1/2	464.98	10 1/2	215.79	10 1/2	0.00	10 1/2
10 3/4	1,456.15	10 3/4	1,206.94	10 3/4	459.79	10 3/4	210.59	10 3/4	0.00	10 3/4
11	1,450.96	11	1,201.75	11	454.59	11	205.40	11	0.00	11
11 1/4	1,445.77	11 1/4	1,196.56	11 1/4	449.40	11 1/4	200.21	11 1/4	0.00	11 1/4
11 1/2	1,440.58	11 1/2	1,191.37	11 1/2	444.21	11 1/2	195.02	11 1/2	0.00	11 1/2
11 3/4	1,435.38	11 3/4	1,186.18	11 3/4	439.02	11 3/4	189.83	11 3/4	0.00	11 3/4

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