



BARGE "KIRBY 27012"

ULLAGE TRIM TABLE

FORMERLY "CTCo 322"

	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 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-3/8	- 01-3/8
1 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	01-0/8	- 01-0/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-1/4	- 01-1/4
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-3/4	- 00-3/4	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
3 PORT	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2
3 STBD	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2

(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 PORT IS - 00-1/2"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 3'-11 1/2"

LENGTH BETWEEN DRAFT MARKS: 237'-06"

January 31, 2024

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27012"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,962.97	0	1,631.56	0	1,300.16	0	969.27	0	654.24	0	363.91	0	95.26	0		0		0	
1/4	1,956.06	1/4	1,624.66	1/4	1,293.25	1/4	962.47	1/4	647.92	1/4	358.09	1/4	89.90	1/4	1/4		1/4		1/4
1/2	1,949.16	1/2	1,617.75	1/2	1,286.35	1/2	955.66	1/2	641.59	1/2	352.28	1/2	84.54	1/2	1/2		1/2		1/2
3/4	1,942.26	3/4	1,610.85	3/4	1,279.44	3/4	948.90	3/4	635.31	3/4	346.50	3/4	79.22	3/4	3/4		3/4		3/4
1	1,935.35	1	1,603.95	1	1,272.54	1	942.14	1	629.03	1	340.72	1	73.90	1	1		1		1
1/4	1,928.45	1/4	1,597.04	1/4	1,266.63	1/4	935.37	1/4	622.75	1/4	334.95	1/4	68.58	1/4	1/4		1/4		1/4
1/2	1,921.54	1/2	1,590.14	1/2	1,258.73	1/2	928.61	1/2	616.47	1/2	329.17	1/2	63.27	1/2	1/2		1/2		1/2
3/4	1,914.64	3/4	1,583.23	3/4	1,251.83	3/4	921.89	3/4	610.26	3/4	323.41	3/4	57.99	3/4	3/4		3/4		3/4
2	1,907.73	2	1,576.33	2	1,244.92	2	915.16	2	604.05	2	317.65	2	52.71	2	2		2		2
1/4	1,900.83	1/4	1,569.42	1/4	1,238.02	1/4	908.44	1/4	597.84	1/4	311.89	1/4	47.43	1/4	1/4		1/4		1/4
1/2	1,893.93	1/2	1,562.52	1/2	1,231.11	1/2	901.71	1/2	591.63	1/2	306.13	1/2	42.15	1/2	1/2		1/2		1/2
3/4	1,887.02	3/4	1,555.62	3/4	1,224.21	3/4	895.03	3/4	585.47	3/4	300.41	3/4	37.77	3/4	3/4		3/4		3/4
3	1,880.12	3	1,548.71	3	1,217.30	3	888.35	3	579.30	3	294.69	3	33.40	3	3		3		3
1/4	1,873.21	1/4	1,541.81	1/4	1,210.40	1/4	881.66	1/4	573.14	1/4	288.97	1/4	29.02	1/4	1/4		1/4		1/4
1/2	1,866.31	1/2	1,534.90	1/2	1,203.50	1/2	874.98	1/2	566.98	1/2	283.25	1/2	24.64	1/2	1/2		1/2		1/2
3/4	1,859.40	3/4	1,528.00	3/4	1,196.59	3/4	868.34	3/4	560.86	3/4	277.57	3/4	22.03	3/4	3/4		3/4		3/4
4	1,852.50	4	1,521.09	4	1,189.69	4	861.69	4	554.73	4	271.89	4	19.42	4	4		4		4
1/4	1,845.60	1/4	1,514.19	1/4	1,182.78	1/4	855.05	1/4	548.61	1/4	266.21	1/4	16.82	1/4	1/4		1/4		1/4
1/2	1,838.69	1/2	1,507.29	1/2	1,175.88	1/2	848.41	1/2	542.49	1/2	260.53	1/2	14.21	1/2	1/2		1/2		1/2
3/4	1,831.79	3/4	1,500.38	3/4	1,168.97	3/4	841.80	3/4	536.41	3/4	254.89	3/4		3/4	3/4		3/4		3/4
5	1,824.88	5	1,493.48	5	1,162.07	5	835.20	5	530.32	5	249.25	5		5	5		5		5
1/4	1,817.98	1/4	1,486.57	1/4	1,155.17	1/4	828.60	1/4	524.24	1/4	243.61	1/4		1/4	1/4		1/4		1/4
1/2	1,811.07	1/2	1,479.67	1/2	1,148.26	1/2	821.99	1/2	518.16	1/2	237.97	1/2		1/2	1/2		1/2		1/2
3/4	1,804.17	3/4	1,472.76	3/4	1,141.36	3/4	815.43	3/4	512.12	3/4	232.37	3/4		3/4	3/4		3/4		3/4
6	1,797.27	6	1,465.86	6	1,134.45	6	808.87	6	506.08	6	226.77	6		6	6		6		6
1/4	1,790.36	1/4	1,458.96	1/4	1,127.55	1/4	802.30	1/4	500.03	1/4	221.17	1/4		1/4	1/4		1/4		1/4
1/2	1,783.46	1/2	1,452.05	1/2	1,120.64	1/2	795.74	1/2	493.99	1/2	215.57	1/2		1/2	1/2		1/2		1/2
3/4	1,776.55	3/4	1,445.15	3/4	1,113.74	3/4	789.22	3/4	487.99	3/4	210.01	3/4		3/4	3/4		3/4		3/4
7	1,769.65	7	1,438.24	7	1,106.84	7	782.69	7	481.99	7	204.45	7		7	7		7		7
1/4	1,762.74	1/4	1,431.34	1/4	1,099.93	1/4	776.17	1/4	475.99	1/4	198.89	1/4		1/4	1/4		1/4		1/4
1/2	1,755.84	1/2	1,424.43	1/2	1,093.03	1/2	769.65	1/2	469.99	1/2	193.33	1/2		1/2	1/2		1/2		1/2
3/4	1,748.94	3/4	1,417.53	3/4	1,086.12	3/4	763.16	3/4	464.03	3/4	187.81	3/4		3/4	3/4		3/4		3/4
8	1,742.03	8	1,410.62	8	1,079.22	8	756.68	8	458.07	8	182.29	8		8	8		8		8
1/4	1,735.13	1/4	1,403.72	1/4	1,072.31	1/4	750.20	1/4	452.11	1/4	176.77	1/4		1/4	1/4		1/4		1/4
1/2	1,728.22	1/2	1,396.82	1/2	1,065.41	1/2	743.72	1/2	446.15	1/2	171.25	1/2		1/2	1/2		1/2		1/2
3/4	1,721.32	3/4	1,389.91	3/4	1,058.51	3/4	737.27	3/4	440.23	3/4	165.77	3/4		3/4	3/4		3/4		3/4
9	1,714.41	9	1,383.01	9	1,051.60	9	730.83	9	434.30	9	160.29	9		9	9		9		9
1/4	1,707.51	1/4	1,376.10	1/4	1,044.70	1/4	724.39	1/4	428.38	1/4	154.81	1/4		1/4	1/4		1/4		1/4
1/2	1,700.61	1/2	1,369.20	1/2	1,037.79	1/2	717.94	1/2	422.46	1/2	149.33	1/2		1/2	1/2		1/2		1/2
3/4	1,693.70	3/4	1,362.29	3/4	1,030.91	3/4	711.54	3/4	416.58	3/4	143.89	3/4		3/4	3/4		3/4		3/4
10	1,686.80	10	1,355.39	10	1,024.02	10	705.14	10	410.70	10	138.45	10		10	10		10		10
1/4	1,679.89	1/4	1,348.49	1/4	1,017.14	1/4	698.74	1/4	404.82	1/4	133.01	1/4		1/4	1/4		1/4		1/4
1/2	1,672.99	1/2	1,341.58	1/2	1,010.26	1/2	692.33	1/2	398.93	1/2	127.57	1/2		1/2	1/2		1/2		1/2
3/4	1,666.08	3/4	1,334.68	3/4	1,003.41	3/4	685.97	3/4	393.09	3/4	122.18	3/4		3/4	3/4		3/4		3/4
11	1,659.18	11	1,327.77	11	996.57	11	679.61	11	387.24	11	116.78	11		11	11		11		11
1/4	1,652.28	1/4	1,320.87	1/4	989.72	1/4	673.25	1/4	381.39	1/4	111.38	1/4		1/4	1/4		1/4		1/4
1/2	1,645.37	1/2	1,313.96	1/2	982.88	1/2	666.88	1/2	375.54	1/2	105.98	1/2		1/2	1/2		1/2		1/2
3/4	1,638.47	3/4	1,307.06	3/4	976.08	3/4	660.56	3/4	369.73	3/4	100.62	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 27012"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/4"

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

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 GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 44'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27012"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,957.07	0	1,625.66	0	1,294.26	0	963.48	0	648.95	0	358.13	0	89.88	0		0		0	
1/4	1,950.16	1/4	1,618.76	1/4	1,287.36	1/4	956.68	1/4	642.63	1/4	352.29	1/4	84.52	1/4	1/4		1/4		1/4
1/2	1,943.26	1/2	1,611.86	1/2	1,280.45	1/2	949.92	1/2	636.34	1/2	346.50	1/2	79.21	1/2	1/2		1/2		1/2
3/4	1,936.35	3/4	1,604.95	3/4	1,273.55	3/4	943.15	3/4	630.06	3/4	340.70	3/4	73.89	3/4	3/4		3/4		3/4
1	1,929.45	1	1,598.05	1	1,266.65	1	936.39	1	623.78	1	334.90	1	68.57	1	1		1		1
1/4	1,922.55	1/4	1,591.14	1/4	1,259.74	1/4	929.62	1/4	617.50	1/4	329.10	1/4	63.25	1/4	1/4		1/4		1/4
1/2	1,915.64	1/2	1,584.24	1/2	1,252.84	1/2	922.90	1/2	611.27	1/2	323.34	1/2	57.98	1/2	1/2		1/2		1/2
3/4	1,908.74	3/4	1,577.34	3/4	1,245.93	3/4	916.18	3/4	605.03	3/4	317.58	3/4	52.70	3/4	3/4		3/4		3/4
2	1,901.83	2	1,570.43	2	1,239.03	2	909.45	2	598.80	2	311.82	2	47.42	2	2		2		2
1/4	1,894.93	1/4	1,563.53	1/4	1,232.13	1/4	902.73	1/4	592.57	1/4	306.06	1/4	42.14	1/4	1/4		1/4		1/4
1/2	1,888.02	1/2	1,556.62	1/2	1,225.22	1/2	896.05	1/2	586.38	1/2	300.34	1/2	37.77	1/2	1/2		1/2		1/2
3/4	1,881.12	3/4	1,549.72	3/4	1,218.32	3/4	889.36	3/4	580.20	3/4	294.62	3/4	33.39	3/4	3/4		3/4		3/4
3	1,874.22	3	1,542.81	3	1,211.41	3	882.68	3	574.01	3	288.90	3	29.02	3	3		3		3
1/4	1,867.31	1/4	1,535.91	1/4	1,204.51	1/4	876.00	1/4	567.83	1/4	283.18	1/4	24.64	1/4	1/4		1/4		1/4
1/2	1,860.41	1/2	1,529.01	1/2	1,197.60	1/2	869.35	1/2	561.68	1/2	277.50	1/2	22.04	1/2	1/2		1/2		1/2
3/4	1,853.50	3/4	1,522.10	3/4	1,190.70	3/4	862.71	3/4	555.54	3/4	271.83	3/4	19.43	3/4	3/4		3/4		3/4
4	1,846.60	4	1,515.20	4	1,183.80	4	856.07	4	549.39	4	266.15	4	16.82	4	4		4		4
1/4	1,839.69	1/4	1,508.29	1/4	1,176.89	1/4	849.42	1/4	543.24	1/4	260.47	1/4	14.21	1/4	1/4		1/4		1/4
1/2	1,832.79	1/2	1,501.39	1/2	1,169.99	1/2	842.82	1/2	537.14	1/2	254.83	1/2		1/2	1/2		1/2		1/2
3/4	1,825.89	3/4	1,494.48	3/4	1,163.08	3/4	836.22	3/4	531.03	3/4	249.19	3/4		3/4	3/4		3/4		3/4
5	1,818.98	5	1,487.58	5	1,156.18	5	829.62	5	524.93	5	243.55	5		5	5		5		5
1/4	1,812.08	1/4	1,480.68	1/4	1,149.27	1/4	823.01	1/4	518.82	1/4	237.91	1/4		1/4	1/4		1/4		1/4
1/2	1,805.17	1/2	1,473.77	1/2	1,142.37	1/2	816.45	1/2	512.76	1/2	232.31	1/2		1/2	1/2		1/2		1/2
3/4	1,798.27	3/4	1,466.87	3/4	1,135.47	3/4	809.89	3/4	506.69	3/4	226.71	3/4		3/4	3/4		3/4		3/4
6	1,791.37	6	1,459.96	6	1,128.56	6	803.32	6	500.63	6	221.12	6		6	6		6		6
1/4	1,784.46	1/4	1,453.06	1/4	1,121.66	1/4	796.76	1/4	494.56	1/4	215.52	1/4		1/4	1/4		1/4		1/4
1/2	1,777.56	1/2	1,446.16	1/2	1,114.75	1/2	790.24	1/2	488.54	1/2	209.96	1/2		1/2	1/2		1/2		1/2
3/4	1,770.65	3/4	1,439.25	3/4	1,107.85	3/4	783.72	3/4	482.52	3/4	204.40	3/4		3/4	3/4		3/4		3/4
7	1,763.75	7	1,432.35	7	1,100.95	7	777.19	7	476.49	7	198.84	7		7	7		7		7
1/4	1,756.84	1/4	1,425.44	1/4	1,094.04	1/4	770.67	1/4	470.47	1/4	193.28	1/4		1/4	1/4		1/4		1/4
1/2	1,749.94	1/2	1,418.54	1/2	1,087.14	1/2	764.19	1/2	464.48	1/2	187.76	1/2		1/2	1/2		1/2		1/2
3/4	1,743.04	3/4	1,411.63	3/4	1,080.23	3/4	757.70	3/4	458.50	3/4	182.25	3/4		3/4	3/4		3/4		3/4
8	1,736.13	8	1,404.73	8	1,073.33	8	751.22	8	452.52	8	176.73	8		8	8		8		8
1/4	1,729.23	1/4	1,397.83	1/4	1,066.42	1/4	744.74	1/4	446.53	1/4	171.21	1/4		1/4	1/4		1/4		1/4
1/2	1,722.32	1/2	1,390.92	1/2	1,059.52	1/2	738.30	1/2	440.59	1/2	165.73	1/2		1/2	1/2		1/2		1/2
3/4	1,715.42	3/4	1,384.02	3/4	1,052.62	3/4	731.85	3/4	434.64	3/4	160.25	3/4		3/4	3/4		3/4		3/4
9	1,708.52	9	1,377.11	9	1,045.71	9	725.41	9	428.70	9	154.78	9		9	9		9		9
1/4	1,701.61	1/4	1,370.21	1/4	1,038.81	1/4	718.97	1/4	422.75	1/4	149.30	1/4		1/4	1/4		1/4		1/4
1/2	1,694.71	1/2	1,363.31	1/2	1,031.92	1/2	712.57	1/2	416.85	1/2	143.86	1/2		1/2	1/2		1/2		1/2
3/4	1,687.80	3/4	1,356.40	3/4	1,025.04	3/4	706.17	3/4	410.95	3/4	138.42	3/4		3/4	3/4		3/4		3/4
10	1,680.90	10	1,349.50	10	1,018.15	10	699.76	10	405.04	10	132.98	10		10	10		10		10
1/4	1,673.99	1/4	1,342.59	1/4	1,011.27	1/4	693.36	1/4	399.14	1/4	127.55	1/4		1/4	1/4		1/4		1/4
1/2	1,667.09	1/2	1,335.69	1/2	1,004.43	1/2	687.00	1/2	393.27	1/2	122.15	1/2		1/2	1/2		1/2		1/2
3/4	1,660.19	3/4	1,328.78	3/4	997.58	3/4	680.64	3/4	387.40	3/4	116.75	3/4		3/4	3/4		3/4		3/4
11	1,653.28	11	1,321.88	11	990.74	11	674.28	11	381.52	11	111.35	11		11	11		11		11
1/4	1,646.38	1/4	1,314.98	1/4	983.89	1/4	667.91	1/4	375.65	1/4	105.95	1/4		1/4	1/4		1/4		1/4
1/2	1,639.47	1/2	1,308.07	1/2	977.09	1/2	661.59	1/2	369.81	1/2	100.60	1/2		1/2	1/2		1/2		1/2
3/4	1,632.57	3/4	1,301.17	3/4	970.29	3/4	655.27	3/4	363.97	3/4	95.24	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
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BARGE "KIRBY 27012"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,464.65	0	2,076.97	0	1,689.29	0	1,301.61	0	913.92	0	539.99	0	153.85	0		0		0	
1/4	2,456.57	1/4	2,068.89	1/4	1,681.21	1/4	1,293.53	1/4	905.85	1/4	532.22	1/4	145.77	1/4	1/4		1/4		1/4
1/2	2,448.50	1/2	2,060.82	1/2	1,673.13	1/2	1,285.45	1/2	897.77	1/2	524.45	1/2	137.70	1/2	1/2		1/2		1/2
3/4	2,440.42	3/4	2,052.74	3/4	1,665.06	3/4	1,277.38	3/4	889.69	3/4	516.68	3/4	129.62	3/4	3/4		3/4		3/4
1	2,432.34	1	2,044.66	1	1,656.98	1	1,269.30	1	881.77	1	508.76	1	121.55	1	1		1		1
1/4	2,424.27	1/4	2,036.59	1/4	1,648.90	1/4	1,261.22	1/4	873.85	1/4	500.83	1/4	113.47	1/4	1/4		1/4		1/4
1/2	2,416.19	1/2	2,028.51	1/2	1,640.83	1/2	1,253.15	1/2	865.92	1/2	492.91	1/2	105.39	1/2	1/2		1/2		1/2
3/4	2,408.11	3/4	2,020.43	3/4	1,632.75	3/4	1,245.07	3/4	858.00	3/4	484.98	3/4	97.32	3/4	3/4		3/4		3/4
2	2,400.04	2	2,012.36	2	1,624.67	2	1,236.99	2	850.24	2	476.91	2	89.24	2	2		2		2
1/4	2,391.96	1/4	2,004.28	1/4	1,616.60	1/4	1,228.92	1/4	842.48	1/4	468.83	1/4	81.16	1/4	1/4		1/4		1/4
1/2	2,383.88	1/2	1,996.20	1/2	1,608.52	1/2	1,220.84	1/2	834.71	1/2	460.75	1/2	73.09	1/2	1/2		1/2		1/2
3/4	2,375.81	3/4	1,988.13	3/4	1,600.44	3/4	1,212.76	3/4	826.95	3/4	452.68	3/4	65.01	3/4	3/4		3/4		3/4
3	2,367.73	3	1,980.05	3	1,592.37	3	1,204.69	3	819.20	3	444.60	3	57.94	3	3		3		3
1/4	2,359.65	1/4	1,971.97	1/4	1,584.29	1/4	1,196.61	1/4	811.44	1/4	436.53	1/4	50.87	1/4	1/4		1/4		1/4
1/2	2,351.58	1/2	1,963.90	1/2	1,576.21	1/2	1,188.53	1/2	803.69	1/2	428.45	1/2	43.81	1/2	1/2		1/2		1/2
3/4	2,343.50	3/4	1,955.82	3/4	1,568.14	3/4	1,180.46	3/4	795.93	3/4	420.37	3/4	36.74	3/4	3/4		3/4		3/4
4	2,335.42	4	1,947.74	4	1,560.06	4	1,172.38	4	788.18	4	412.30	4	31.69	4	4		4		4
1/4	2,327.35	1/4	1,939.67	1/4	1,551.98	1/4	1,164.30	1/4	780.42	1/4	404.22	1/4	26.64	1/4	1/4		1/4		1/4
1/2	2,319.27	1/2	1,931.59	1/2	1,543.91	1/2	1,156.23	1/2	772.67	1/2	396.14	1/2	21.60	1/2	1/2		1/2		1/2
3/4	2,311.19	3/4	1,923.51	3/4	1,535.83	3/4	1,148.15	3/4	764.91	3/4	388.07	3/4	16.55	3/4	3/4		3/4		3/4
5	2,303.12	5	1,915.44	5	1,527.75	5	1,140.07	5	757.16	5	379.99	5		5	5		5		5
1/4	2,295.04	1/4	1,907.36	1/4	1,519.68	1/4	1,132.00	1/4	749.40	1/4	371.91	1/4		1/4	1/4		1/4		1/4
1/2	2,286.96	1/2	1,899.28	1/2	1,511.60	1/2	1,123.92	1/2	741.65	1/2	363.84	1/2		1/2	1/2		1/2		1/2
3/4	2,278.89	3/4	1,891.21	3/4	1,503.52	3/4	1,115.84	3/4	733.89	3/4	355.76	3/4		3/4	3/4		3/4		3/4
6	2,270.81	6	1,883.13	6	1,495.45	6	1,107.77	6	726.14	6	347.68	6		6	6		6		6
1/4	2,262.73	1/4	1,875.05	1/4	1,487.37	1/4	1,099.69	1/4	718.38	1/4	339.61	1/4		1/4	1/4		1/4		1/4
1/2	2,254.66	1/2	1,866.98	1/2	1,479.29	1/2	1,091.61	1/2	710.63	1/2	331.53	1/2		1/2	1/2		1/2		1/2
3/4	2,246.58	3/4	1,858.90	3/4	1,471.22	3/4	1,083.54	3/4	702.88	3/4	323.46	3/4		3/4	3/4		3/4		3/4
7	2,238.50	7	1,850.82	7	1,463.14	7	1,075.46	7	695.12	7	315.38	7		7	7		7		7
1/4	2,230.43	1/4	1,842.74	1/4	1,455.06	1/4	1,067.38	1/4	687.37	1/4	307.30	1/4		1/4	1/4		1/4		1/4
1/2	2,222.35	1/2	1,834.67	1/2	1,446.99	1/2	1,059.31	1/2	679.61	1/2	299.23	1/2		1/2	1/2		1/2		1/2
3/4	2,214.27	3/4	1,826.59	3/4	1,438.91	3/4	1,051.23	3/4	671.86	3/4	291.15	3/4		3/4	3/4		3/4		3/4
8	2,206.20	8	1,818.51	8	1,430.83	8	1,043.15	8	664.11	8	283.07	8		8	8		8		8
1/4	2,198.12	1/4	1,810.44	1/4	1,422.76	1/4	1,035.07	1/4	656.35	1/4	275.00	1/4		1/4	1/4		1/4		1/4
1/2	2,190.04	1/2	1,802.36	1/2	1,414.68	1/2	1,027.00	1/2	648.60	1/2	266.92	1/2		1/2	1/2		1/2		1/2
3/4	2,181.97	3/4	1,794.28	3/4	1,406.60	3/4	1,018.92	3/4	640.85	3/4	258.84	3/4		3/4	3/4		3/4		3/4
9	2,173.89	9	1,786.21	9	1,398.53	9	1,010.84	9	633.09	9	250.77	9		9	9		9		9
1/4	2,165.81	1/4	1,778.13	1/4	1,390.45	1/4	1,002.77	1/4	625.34	1/4	242.69	1/4		1/4	1/4		1/4		1/4
1/2	2,157.74	1/2	1,770.05	1/2	1,382.37	1/2	994.69	1/2	617.58	1/2	234.62	1/2		1/2	1/2		1/2		1/2
3/4	2,149.66	3/4	1,761.98	3/4	1,374.30	3/4	986.61	3/4	609.83	3/4	226.54	3/4		3/4	3/4		3/4		3/4
10	2,141.58	10	1,753.90	10	1,366.22	10	978.54	10	602.07	10	218.46	10		10	10		10		10
1/4	2,133.51	1/4	1,745.82	1/4	1,358.14	1/4	970.46	1/4	594.32	1/4	210.39	1/4		1/4	1/4		1/4		1/4
1/2	2,125.43	1/2	1,737.75	1/2	1,350.07	1/2	962.38	1/2	586.56	1/2	202.31	1/2		1/2	1/2		1/2		1/2
3/4	2,117.35	3/4	1,729.67	3/4	1,341.99	3/4	954.31	3/4	578.81	3/4	194.23	3/4		3/4	3/4		3/4		3/4
11	2,109.28	11	1,721.59	11	1,333.91	11	946.23	11	571.05	11	186.16	11		11	11		11		11
1/4	2,101.20	1/4	1,713.52	1/4	1,325.84	1/4	938.15	1/4	563.28	1/4	178.08	1/4		1/4	1/4		1/4		1/4
1/2	2,093.12	1/2	1,705.44	1/2	1,317.76	1/2	930.08	1/2	555.52	1/2	170.00	1/2		1/2	1/2		1/2		1/2
3/4	2,085.05	3/4	1,697.36	3/4	1,309.68	3/4	922.00	3/4	547.76	3/4	161.93	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-05"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,487.42	0	2,099.74	0	1,712.06	0	1,324.38	0	936.70	0	549.60	0	161.93	0		0		0	
1/4	2,479.35	1/4	2,091.67	1/4	1,703.98	1/4	1,316.30	1/4	928.62	1/4	541.53	1/4	153.86	1/4	1/4		1/4		1/4
1/2	2,471.27	1/2	2,083.59	1/2	1,695.91	1/2	1,308.23	1/2	920.54	1/2	533.45	1/2	145.78	1/2	1/2		1/2		1/2
3/4	2,463.19	3/4	2,075.51	3/4	1,687.83	3/4	1,300.15	3/4	912.47	3/4	525.38	3/4	137.70	3/4	3/4		3/4		3/4
1	2,455.12	1	2,067.44	1	1,679.75	1	1,292.07	1	904.39	1	517.30	1	129.63	1	1		1		1
1/4	2,447.04	1/4	2,059.36	1/4	1,671.68	1/4	1,284.00	1/4	896.31	1/4	509.22	1/4	121.55	1/4	1/4		1/4		1/4
1/2	2,438.96	1/2	2,051.28	1/2	1,663.60	1/2	1,275.92	1/2	888.24	1/2	501.15	1/2	113.47	1/2	1/2		1/2		1/2
3/4	2,430.89	3/4	2,043.21	3/4	1,655.52	3/4	1,267.84	3/4	880.16	3/4	493.07	3/4	105.40	3/4	3/4		3/4		3/4
2	2,422.81	2	2,035.13	2	1,647.45	2	1,259.77	2	872.08	2	484.99	2	97.32	2	2		2		2
1/4	2,414.73	1/4	2,027.05	1/4	1,639.37	1/4	1,251.69	1/4	864.02	1/4	476.92	1/4	89.24	1/4	1/4		1/4		1/4
1/2	2,406.66	1/2	2,018.98	1/2	1,631.29	1/2	1,243.61	1/2	855.95	1/2	468.84	1/2	81.17	1/2	1/2		1/2		1/2
3/4	2,398.58	3/4	2,010.90	3/4	1,623.22	3/4	1,235.54	3/4	847.88	3/4	460.76	3/4	73.09	3/4	3/4		3/4		3/4
3	2,390.50	3	2,002.82	3	1,615.14	3	1,227.46	3	839.81	3	452.69	3	65.01	3	3		3		3
1/4	2,382.43	1/4	1,994.75	1/4	1,607.06	1/4	1,219.38	1/4	831.75	1/4	444.61	1/4	57.95	1/4	1/4		1/4		1/4
1/2	2,374.35	1/2	1,986.67	1/2	1,598.99	1/2	1,211.31	1/2	823.69	1/2	436.53	1/2	50.88	1/2	1/2		1/2		1/2
3/4	2,366.27	3/4	1,978.59	3/4	1,590.91	3/4	1,203.23	3/4	815.63	3/4	428.46	3/4	43.81	3/4	3/4		3/4		3/4
4	2,358.20	4	1,970.52	4	1,582.83	4	1,195.15	4	807.57	4	420.38	4	36.74	4	4		4		4
1/4	2,350.12	1/4	1,962.44	1/4	1,574.76	1/4	1,187.08	1/4	799.51	1/4	412.30	1/4	31.70	1/4	1/4		1/4		1/4
1/2	2,342.04	1/2	1,954.36	1/2	1,566.68	1/2	1,179.00	1/2	791.45	1/2	404.23	1/2	26.65	1/2	1/2		1/2		1/2
3/4	2,333.97	3/4	1,946.29	3/4	1,558.60	3/4	1,170.92	3/4	783.39	3/4	396.15	3/4	21.60	3/4	3/4		3/4		3/4
5	2,325.89	5	1,938.21	5	1,550.53	5	1,162.85	5	775.33	5	388.07	5	16.55	5	5		5		5
1/4	2,317.81	1/4	1,930.13	1/4	1,542.45	1/4	1,154.77	1/4	767.26	1/4	380.00	1/4		1/4	1/4		1/4		1/4
1/2	2,309.74	1/2	1,922.05	1/2	1,534.37	1/2	1,146.69	1/2	759.20	1/2	371.92	1/2		1/2	1/2		1/2		1/2
3/4	2,301.66	3/4	1,913.98	3/4	1,526.30	3/4	1,138.62	3/4	751.14	3/4	363.85	3/4		3/4	3/4		3/4		3/4
6	2,293.58	6	1,905.90	6	1,518.22	6	1,130.54	6	743.08	6	355.77	6		6	6		6		6
1/4	2,285.51	1/4	1,897.82	1/4	1,510.14	1/4	1,122.46	1/4	735.02	1/4	347.69	1/4		1/4	1/4		1/4		1/4
1/2	2,277.43	1/2	1,889.75	1/2	1,502.07	1/2	1,114.38	1/2	726.96	1/2	339.62	1/2		1/2	1/2		1/2		1/2
3/4	2,269.35	3/4	1,881.67	3/4	1,493.99	3/4	1,106.31	3/4	718.90	3/4	331.54	3/4		3/4	3/4		3/4		3/4
7	2,261.28	7	1,873.59	7	1,485.91	7	1,098.23	7	710.84	7	323.46	7		7	7		7		7
1/4	2,253.20	1/4	1,865.52	1/4	1,477.84	1/4	1,090.15	1/4	702.78	1/4	315.39	1/4		1/4	1/4		1/4		1/4
1/2	2,245.12	1/2	1,857.44	1/2	1,469.76	1/2	1,082.08	1/2	694.72	1/2	307.31	1/2		1/2	1/2		1/2		1/2
3/4	2,237.05	3/4	1,849.36	3/4	1,461.68	3/4	1,074.00	3/4	686.66	3/4	299.23	3/4		3/4	3/4		3/4		3/4
8	2,228.97	8	1,841.29	8	1,453.61	8	1,065.92	8	678.60	8	291.16	8		8	8		8		8
1/4	2,220.89	1/4	1,833.21	1/4	1,445.53	1/4	1,057.85	1/4	670.54	1/4	283.08	1/4		1/4	1/4		1/4		1/4
1/2	2,212.82	1/2	1,825.13	1/2	1,437.45	1/2	1,049.77	1/2	662.48	1/2	275.00	1/2		1/2	1/2		1/2		1/2
3/4	2,204.74	3/4	1,817.06	3/4	1,429.38	3/4	1,041.69	3/4	654.42	3/4	266.93	3/4		3/4	3/4		3/4		3/4
9	2,196.66	9	1,808.98	9	1,421.30	9	1,033.62	9	646.36	9	258.85	9		9	9		9		9
1/4	2,188.59	1/4	1,800.90	1/4	1,413.22	1/4	1,025.54	1/4	638.30	1/4	250.77	1/4		1/4	1/4		1/4		1/4
1/2	2,180.51	1/2	1,792.83	1/2	1,405.15	1/2	1,017.46	1/2	630.24	1/2	242.70	1/2		1/2	1/2		1/2		1/2
3/4	2,172.43	3/4	1,784.75	3/4	1,397.07	3/4	1,009.39	3/4	622.18	3/4	234.62	3/4		3/4	3/4		3/4		3/4
10	2,164.36	10	1,776.67	10	1,388.99	10	1,001.31	10	614.12	10	226.54	10		10	10		10		10
1/4	2,156.28	1/4	1,768.60	1/4	1,380.92	1/4	993.23	1/4	606.05	1/4	218.47	1/4		1/4	1/4		1/4		1/4
1/2	2,148.20	1/2	1,760.52	1/2	1,372.84	1/2	985.16	1/2	597.99	1/2	210.39	1/2		1/2	1/2		1/2		1/2
3/4	2,140.13	3/4	1,752.44	3/4	1,364.76	3/4	977.08	3/4	589.93	3/4	202.32	3/4		3/4	3/4		3/4		3/4
11	2,132.05	11	1,744.37	11	1,356.69	11	969.00	11	581.87	11	194.24	11		11	11		11		11
1/4	2,123.97	1/4	1,736.29	1/4	1,348.61	1/4	960.93	1/4	573.81	1/4	186.16	1/4		1/4	1/4		1/4		1/4
1/2	2,115.90	1/2	1,728.21	1/2	1,340.53	1/2	952.85	1/2	565.74	1/2	178.09	1/2		1/2	1/2		1/2		1/2
3/4	2,107.82	3/4	1,720.14	3/4	1,332.46	3/4	944.77	3/4	557.67	3/4	170.01	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27012"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/4"

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

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 GAUGING DEVICE"
 GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 27012"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,275.45	0	1,914.98	0	1,555.53	0	1,195.32	0	835.00	0	487.79	0	128.10	0		0		0	
1/4	2,267.94	1/4	1,907.47	1/4	1,548.04	1/4	1,187.81	1/4	827.49	1/4	480.57	1/4	120.59	1/4	1/4		1/4		1/4
1/2	2,260.43	1/2	1,899.96	1/2	1,540.56	1/2	1,180.30	1/2	820.12	1/2	473.20	1/2	113.08	1/2	1/2		1/2		1/2
3/4	2,252.92	3/4	1,892.45	3/4	1,533.07	3/4	1,172.80	3/4	812.75	3/4	465.84	3/4	105.57	3/4	3/4		3/4		3/4
1	2,245.41	1	1,884.94	1	1,525.59	1	1,165.29	1	805.38	1	458.48	1	98.06	1	1		1		1
1/4	2,237.90	1/4	1,877.43	1/4	1,518.10	1/4	1,157.78	1/4	798.01	1/4	451.12	1/4	90.54	1/4	1/4		1/4		1/4
1/2	2,230.39	1/2	1,869.94	1/2	1,510.59	1/2	1,150.28	1/2	790.78	1/2	443.61	1/2	83.03	1/2	1/2		1/2		1/2
3/4	2,222.88	3/4	1,862.46	3/4	1,503.09	3/4	1,142.77	3/4	783.55	3/4	436.10	3/4	75.52	3/4	3/4		3/4		3/4
2	2,215.37	2	1,854.97	2	1,495.58	2	1,135.26	2	776.32	2	428.58	2	68.01	2	2		2		2
1/4	2,207.86	1/4	1,847.48	1/4	1,488.07	1/4	1,127.76	1/4	769.09	1/4	421.07	1/4	60.50	1/4	1/4		1/4		1/4
1/2	2,200.35	1/2	1,840.00	1/2	1,480.57	1/2	1,120.25	1/2	761.87	1/2	413.56	1/2	53.92	1/2	1/2		1/2		1/2
3/4	2,192.84	3/4	1,832.51	3/4	1,473.06	3/4	1,112.74	3/4	754.65	3/4	406.05	3/4	47.35	3/4	3/4		3/4		3/4
3	2,185.33	3	1,825.03	3	1,465.55	3	1,105.24	3	747.43	3	398.54	3	40.77	3	3		3		3
1/4	2,177.82	1/4	1,817.54	1/4	1,458.05	1/4	1,097.73	1/4	740.21	1/4	391.02	1/4	34.20	1/4	1/4		1/4		1/4
1/2	2,170.31	1/2	1,810.05	1/2	1,450.54	1/2	1,090.22	1/2	733.00	1/2	383.51	1/2	29.51	1/2	1/2		1/2		1/2
3/4	2,162.80	3/4	1,802.57	3/4	1,443.03	3/4	1,082.72	3/4	725.79	3/4	376.00	3/4	24.81	3/4	3/4		3/4		3/4
4	2,155.29	4	1,795.08	4	1,435.53	4	1,075.21	4	718.58	4	368.49	4	20.12	4	4		4		4
1/4	2,147.78	1/4	1,787.60	1/4	1,428.02	1/4	1,067.70	1/4	711.37	1/4	360.98	1/4	15.42	1/4	1/4		1/4		1/4
1/2	2,140.27	1/2	1,780.11	1/2	1,420.51	1/2	1,060.20	1/2	704.16	1/2	353.46	1/2		1/2	1/2		1/2		1/2
3/4	2,132.76	3/4	1,772.62	3/4	1,413.01	3/4	1,052.69	3/4	696.95	3/4	345.95	3/4		3/4	3/4		3/4		3/4
5	2,125.25	5	1,765.14	5	1,405.50	5	1,045.18	5	689.74	5	338.44	5		5	5		5		5
1/4	2,117.74	1/4	1,757.65	1/4	1,397.99	1/4	1,037.68	1/4	682.53	1/4	330.93	1/4		1/4	1/4		1/4		1/4
1/2	2,110.23	1/2	1,750.17	1/2	1,390.49	1/2	1,030.17	1/2	675.32	1/2	323.42	1/2		1/2	1/2		1/2		1/2
3/4	2,102.72	3/4	1,742.68	3/4	1,382.98	3/4	1,022.66	3/4	668.11	3/4	315.90	3/4		3/4	3/4		3/4		3/4
6	2,095.21	6	1,735.19	6	1,375.47	6	1,015.16	6	660.90	6	308.39	6		6	6		6		6
1/4	2,087.70	1/4	1,727.71	1/4	1,367.97	1/4	1,007.65	1/4	653.69	1/4	300.88	1/4		1/4	1/4		1/4		1/4
1/2	2,080.19	1/2	1,720.22	1/2	1,360.46	1/2	1,000.14	1/2	646.48	1/2	293.37	1/2		1/2	1/2		1/2		1/2
3/4	2,072.68	3/4	1,712.74	3/4	1,352.95	3/4	992.64	3/4	639.27	3/4	285.86	3/4		3/4	3/4		3/4		3/4
7	2,065.17	7	1,705.25	7	1,345.45	7	985.13	7	632.06	7	278.34	7		7	7		7		7
1/4	2,057.66	1/4	1,697.76	1/4	1,337.94	1/4	977.62	1/4	624.85	1/4	270.83	1/4		1/4	1/4		1/4		1/4
1/2	2,050.15	1/2	1,690.28	1/2	1,330.43	1/2	970.12	1/2	617.64	1/2	263.32	1/2		1/2	1/2		1/2		1/2
3/4	2,042.65	3/4	1,682.79	3/4	1,322.93	3/4	962.61	3/4	610.43	3/4	255.81	3/4		3/4	3/4		3/4		3/4
8	2,035.14	8	1,675.31	8	1,315.42	8	955.10	8	603.22	8	248.30	8		8	8		8		8
1/4	2,027.63	1/4	1,667.82	1/4	1,307.91	1/4	947.60	1/4	596.02	1/4	240.78	1/4		1/4	1/4		1/4		1/4
1/2	2,020.12	1/2	1,660.33	1/2	1,300.41	1/2	940.09	1/2	588.81	1/2	233.27	1/2		1/2	1/2		1/2		1/2
3/4	2,012.61	3/4	1,652.85	3/4	1,292.90	3/4	932.58	3/4	581.60	3/4	225.76	3/4		3/4	3/4		3/4		3/4
9	2,005.10	9	1,645.36	9	1,285.39	9	925.08	9	574.38	9	218.25	9		9	9		9		9
1/4	1,997.59	1/4	1,637.88	1/4	1,277.89	1/4	917.57	1/4	567.17	1/4	210.74	1/4		1/4	1/4		1/4		1/4
1/2	1,990.08	1/2	1,630.39	1/2	1,270.38	1/2	910.06	1/2	559.96	1/2	203.22	1/2		1/2	1/2		1/2		1/2
3/4	1,982.57	3/4	1,622.90	3/4	1,262.87	3/4	902.56	3/4	552.75	3/4	195.71	3/4		3/4	3/4		3/4		3/4
10	1,975.06	10	1,615.42	10	1,255.37	10	895.05	10	545.54	10	188.20	10		10	10		10		10
1/4	1,967.55	1/4	1,607.93	1/4	1,247.86	1/4	887.54	1/4	538.33	1/4	180.69	1/4		1/4	1/4		1/4		1/4
1/2	1,960.04	1/2	1,600.45	1/2	1,240.36	1/2	880.04	1/2	531.12	1/2	173.18	1/2		1/2	1/2		1/2		1/2
3/4	1,952.53	3/4	1,592.96	3/4	1,232.85	3/4	872.53	3/4	523.90	3/4	165.66	3/4		3/4	3/4		3/4		3/4
11	1,945.02	11	1,585.47	11	1,225.34	11	865.03	11	516.68	11	158.15	11		11	11		11		11
1/4	1,937.51	1/4	1,577.99	1/4	1,217.84	1/4	857.52	1/4	509.47	1/4	150.64	1/4		1/4	1/4		1/4		1/4
1/2	1,930.00	1/2	1,570.50	1/2	1,210.33	1/2	850.01	1/2	502.24	1/2	143.13	1/2		1/2	1/2		1/2		1/2
3/4	1,922.49	3/4	1,563.02	3/4	1,202.82	3/4	842.51	3/4	495.02	3/4	135.62	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

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



BARGE "KIRBY 27012"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
0	0	0	0	0	4,282.42	0	4,079.91	0	3,858.67	0	3,615.46	0	3,352.68	0	3,000.44	0	2,640.46		
1/4	1/4	1/4	1/4	1/4	4,276.88	1/4	4,075.54	1/4	3,853.83	1/4	3,610.16	1/4	3,347.14	1/4	2,992.94	1/4	2,632.96		
1/2	1/2	1/2	1/2	1/2	4,271.34	1/2	4,071.16	1/2	3,848.98	1/2	3,604.86	1/2	3,341.60	1/2	2,985.44	1/2	2,625.46		
3/4	3/4	3/4	3/4	3/4	4,267.38	3/4	4,066.74	3/4	3,844.11	3/4	3,599.53	3/4	3,335.07	3/4	2,977.94	3/4	2,617.96		
1	1	1	1	1	4,062.41	1	4,062.32	1	3,839.23	1	3,594.19	1	3,328.55	1	2,970.44	1	2,610.46		
1/4	1/4	1/4	1/4	1/4	4,259.45	1/4	4,057.90	1/4	3,834.36	1/4	3,588.86	1/4	3,322.02	1/4	2,962.94	1/4	2,602.96		
1/2	1/2	1/2	1/2	1/2	4,255.49	1/2	4,053.48	1/2	3,829.48	1/2	3,583.53	1/2	3,315.49	1/2	2,955.44	1/2	2,595.46		
3/4	3/4	3/4	3/4	3/4	4,251.49	3/4	4,049.03	3/4	3,824.57	3/4	3,578.15	3/4	3,307.99	3/4	2,947.94	3/4	2,587.96		
2	2	2	2	2	4,247.49	2	4,044.58	2	3,819.66	2	3,572.77	2	3,300.49	2	2,940.44	2	2,580.46		
1/4	1/4	1/4	1/4	1/4	4,243.50	1/4	4,040.12	1/4	3,814.75	1/4	3,567.39	1/4	3,292.98	1/4	2,932.94	1/4	2,572.96		
1/2	1/2	1/2	1/2	1/2	4,239.50	1/2	4,035.67	1/2	3,809.84	1/2	3,562.01	1/2	3,285.48	1/2	2,925.44	1/2	2,565.46		
3/4	3/4	3/4	3/4	3/4	4,235.46	3/4	4,031.17	3/4	3,804.89	3/4	3,556.60	3/4	3,277.98	3/4	2,917.94	3/4	2,557.96		
3	3	3	3	3	4,231.41	3	4,026.68	3	3,799.93	3	3,551.19	3	3,270.47	3	2,910.45	3	2,550.46		
1/4	1/4	1/4	1/4	1/4	4,227.37	1/4	4,022.18	1/4	3,794.98	1/4	3,545.78	1/4	3,262.97	1/4	2,902.95	1/4	2,542.96		
1/2	1/2	1/2	1/2	1/2	4,223.33	1/2	4,017.68	1/2	3,790.03	1/2	3,540.37	1/2	3,255.47	1/2	2,895.45	1/2	2,535.46		
3/4	3/4	3/4	3/4	3/4	4,219.25	3/4	4,013.15	3/4	3,785.04	3/4	3,534.93	3/4	3,247.97	3/4	2,887.95	3/4	2,527.97		
4	4	4	4	4	4,215.18	4	4,008.62	4	3,780.05	4	3,529.48	4	3,240.46	4	2,880.45	4	2,520.49		
1/4	1/4	1/4	1/4	1/4	4,211.11	1/4	4,004.09	1/4	3,775.06	1/4	3,524.04	1/4	3,232.96	1/4	2,872.95	1/4	2,513.00		
1/2	1/2	1/2	1/2	1/2	4,207.03	1/2	3,999.56	1/2	3,770.08	1/2	3,518.59	1/2	3,225.46	1/2	2,865.45	1/2	2,505.52		
3/4	3/4	3/4	3/4	3/4	4,202.92	3/4	3,994.98	3/4	3,765.04	3/4	3,513.10	3/4	3,217.95	3/4	2,857.95	3/4	2,498.03		
5	5	5	5	5	4,198.81	5	3,990.40	5	3,760.01	5	3,507.62	5	3,210.45	5	2,850.45	5	2,490.54		
1/4	1/4	1/4	1/4	1/4	4,194.71	1/4	3,985.82	1/4	3,754.98	1/4	3,502.13	1/4	3,202.95	1/4	2,842.95	1/4	2,483.06		
1/2	1/2	1/2	1/2	1/2	4,190.60	1/2	3,981.25	1/2	3,749.95	1/2	3,496.64	1/2	3,195.45	1/2	2,835.45	1/2	2,475.57		
3/4	3/4	3/4	3/4	3/4	4,186.45	3/4	3,976.64	3/4	3,744.88	3/4	3,491.12	3/4	3,187.94	3/4	2,827.95	3/4	2,468.09		
6	6	6	6	6	4,182.29	6	3,972.03	6	3,739.82	6	3,485.60	6	3,180.44	6	2,820.45	6	2,460.60		
1/4	1/4	1/4	1/4	1/4	4,178.14	1/4	3,967.42	1/4	3,734.75	1/4	3,480.08	1/4	3,172.94	1/4	2,812.95	1/4	2,453.11		
1/2	1/2	1/2	1/2	1/2	4,408.24	1/2	4,173.99	1/2	3,962.81	1/2	3,729.69	1/2	3,474.55	1/2	3,165.43	1/2	2,805.45	1/2	2,445.63
3/4	3/4	3/4	3/4	3/4	4,401.71	3/4	4,169.80	3/4	3,958.17	3/4	3,724.57	3/4	3,469.01	3/4	3,157.94	3/4	2,797.95	3/4	2,438.14
7	7	7	7	7	4,395.19	7	4,165.62	7	3,953.53	7	3,719.46	7	3,463.47	7	3,150.44	7	2,790.45	7	2,430.65
1/4	1/4	1/4	1/4	1/4	4,388.66	1/4	4,161.43	1/4	3,948.88	1/4	3,714.35	1/4	3,457.93	1/4	3,142.94	1/4	2,782.95	1/4	2,423.17
1/2	1/2	1/2	1/2	1/2	4,382.13	1/2	4,157.25	1/2	3,944.24	1/2	3,709.24	1/2	3,452.39	1/2	3,135.44	1/2	2,775.45	1/2	2,415.68
3/4	3/4	3/4	3/4	3/4	4,376.59	3/4	4,153.02	3/4	3,939.55	3/4	3,704.10	3/4	3,446.85	3/4	3,127.94	3/4	2,767.95	3/4	2,408.20
8	8	8	8	8	4,371.05	8	4,148.79	8	3,934.87	8	3,698.95	8	3,441.32	8	3,120.44	8	2,760.45	8	2,400.71
1/4	1/4	1/4	1/4	1/4	4,365.51	1/4	4,144.56	1/4	3,930.18	1/4	3,693.81	1/4	3,435.78	1/4	3,112.94	1/4	2,752.95	1/4	2,393.22
1/2	1/2	1/2	1/2	1/2	4,359.97	1/2	4,140.32	1/2	3,925.50	1/2	3,688.67	1/2	3,430.24	1/2	3,105.44	1/2	2,745.45	1/2	2,385.74
3/4	3/4	3/4	3/4	3/4	4,354.43	3/4	4,136.06	3/4	3,920.78	3/4	3,683.49	3/4	3,424.70	3/4	3,097.94	3/4	2,737.95	3/4	2,378.25
9	9	9	9	9	4,348.89	9	4,131.80	9	3,916.06	9	3,678.31	9	3,419.16	9	3,090.44	9	2,730.45	9	2,370.77
1/4	1/4	1/4	1/4	1/4	4,343.35	1/4	4,127.53	1/4	3,911.34	1/4	3,673.13	1/4	3,413.62	1/4	3,082.94	1/4	2,722.95	1/4	2,363.28
1/2	1/2	1/2	1/2	1/2	4,337.82	1/2	4,123.27	1/2	3,906.61	1/2	3,667.96	1/2	3,408.08	1/2	3,075.44	1/2	2,715.45	1/2	2,355.79
3/4	3/4	3/4	3/4	3/4	4,332.28	3/4	4,118.96	3/4	3,901.85	3/4	3,662.74	3/4	3,402.54	3/4	3,067.94	3/4	2,707.95	3/4	2,348.31
10	10	10	10	10	4,326.74	10	4,114.65	10	3,897.08	10	3,657.52	10	3,397.00	10	3,060.44	10	2,700.45	10	2,340.82
1/4	1/4	1/4	1/4	1/4	4,321.20	1/4	4,110.34	1/4	3,892.32	1/4	3,652.30	1/4	3,391.46	1/4	3,052.94	1/4	2,692.95	1/4	2,333.34
1/2	1/2	1/2	1/2	1/2	4,315.66	1/2	4,106.03	1/2	3,887.56	1/2	3,647.07	1/2	3,385.92	1/2	3,045.44	1/2	2,685.45	1/2	2,325.85
3/4	3/4	3/4	3/4	3/4	4,310.12	3/4	4,101.69	3/4	3,882.76	3/4	3,641.82	3/4	3,380.38	3/4	3,037.94	3/4	2,677.95	3/4	2,318.36
11	11	11	11	11	4,304.58	11	4,097.35	11	3,877.96	11	3,636.56	11	3,374.84	11	3,030.44	11	2,670.45	11	2,310.88
1/4	1/4	1/4	1/4	1/4	4,299.04	1/4	4,093.00	1/4	3,873.16	1/4	3,631.31	1/4	3,369.30	1/4	3,022.94	1/4	2,662.95	1/4	2,303.39
1/2	1/2	1/2	1/2	1/2	4,293.50	1/2	4,088.66	1/2	3,868.36	1/2	3,626.05	1/2	3,363.76	1/2	3,015.44	1/2	2,655.46	1/2	2,295.90
3/4	3/4	3/4	3/4	3/4	4,287.96	3/4	4,084.29	3/4	3,863.52	3/4	3,620.76	3/4	3,358.22	3/4	3,007.94	3/4	2,647.96	3/4	2,288.40

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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 GAUGING DEVICE"

GAUGE POINT: (HERMETIC) LOCATED 12'-03" OFF CENTERLINE AND 45'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 27012"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CTCo 322"

GAUGE HEIGHT 16'-04 1/2"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	2,280.90	0	1,920.76	0	1,562.34	0	1,203.24	0	843.11	0	494.63	0	135.52	0		0		0	
1/4	2,273.40	1/4	1,913.26	1/4	1,554.90	1/4	1,195.74	1/4	835.61	1/4	487.38	1/4	128.01	1/4	1/4		1/4		1/4
1/2	2,265.89	1/2	1,905.76	1/2	1,547.45	1/2	1,188.23	1/2	828.10	1/2	480.13	1/2	120.51	1/2	1/2		1/2		1/2
3/4	2,258.39	3/4	1,898.26	3/4	1,540.01	3/4	1,180.73	3/4	820.73	3/4	472.75	3/4	113.01	3/4	3/4		3/4		3/4
1	2,250.89	1	1,890.75	1	1,532.56	1	1,173.23	1	813.35	1	465.37	1	105.51	1	1		1		1
1/4	2,243.39	1/4	1,883.25	1/4	1,525.11	1/4	1,165.73	1/4	805.97	1/4	458.00	1/4	98.00	1/4	1/4		1/4		1/4
1/2	2,235.88	1/2	1,875.75	1/2	1,517.67	1/2	1,158.22	1/2	798.60	1/2	450.62	1/2	90.50	1/2	1/2		1/2		1/2
3/4	2,228.38	3/4	1,868.25	3/4	1,510.22	3/4	1,150.72	3/4	791.35	3/4	443.12	3/4	83.00	3/4	3/4		3/4		3/4
2	2,220.88	2	1,860.74	2	1,502.78	2	1,143.22	2	784.11	2	435.62	2	75.50	2	2		2		2
1/4	2,213.37	1/4	1,853.24	1/4	1,495.33	1/4	1,135.72	1/4	776.87	1/4	428.11	1/4	67.99	1/4	1/4		1/4		1/4
1/2	2,205.87	1/2	1,845.74	1/2	1,487.89	1/2	1,128.21	1/2	769.63	1/2	420.61	1/2	60.49	1/2	1/2		1/2		1/2
3/4	2,198.37	3/4	1,838.23	3/4	1,480.44	3/4	1,120.71	3/4	762.39	3/4	413.11	3/4	53.93	3/4	3/4		3/4		3/4
3	2,190.87	3	1,830.73	3	1,473.00	3	1,113.21	3	755.16	3	405.61	3	47.36	3	3		3		3
1/4	2,183.36	1/4	1,823.23	1/4	1,465.55	1/4	1,105.70	1/4	747.92	1/4	398.10	1/4	40.80	1/4	1/4		1/4		1/4
1/2	2,175.86	1/2	1,815.73	1/2	1,458.10	1/2	1,098.20	1/2	740.68	1/2	390.60	1/2	34.23	1/2	1/2		1/2		1/2
3/4	2,168.36	3/4	1,808.22	3/4	1,450.66	3/4	1,090.70	3/4	733.45	3/4	383.10	3/4	29.54	3/4	3/4		3/4		3/4
4	2,160.85	4	1,800.72	4	1,443.21	4	1,083.20	4	726.21	4	375.60	4	24.84	4	4		4		4
1/4	2,153.35	1/4	1,793.22	1/4	1,435.77	1/4	1,075.69	1/4	718.98	1/4	368.09	1/4	20.14	1/4	1/4		1/4		1/4
1/2	2,145.85	1/2	1,785.71	1/2	1,428.32	1/2	1,068.19	1/2	711.74	1/2	360.59	1/2	15.44	1/2	1/2		1/2		1/2
3/4	2,138.35	3/4	1,778.27	3/4	1,420.82	3/4	1,060.69	3/4	704.51	3/4	353.09	3/4		3/4	3/4		3/4		3/4
5	2,130.84	5	1,770.82	5	1,413.32	5	1,053.19	5	697.27	5	345.59	5		5	5		5		5
1/4	2,123.34	1/4	1,763.38	1/4	1,405.81	1/4	1,045.68	1/4	690.04	1/4	338.08	1/4		1/4	1/4		1/4		1/4
1/2	2,115.84	1/2	1,755.93	1/2	1,398.31	1/2	1,038.18	1/2	682.80	1/2	330.58	1/2		1/2	1/2		1/2		1/2
3/4	2,108.33	3/4	1,748.49	3/4	1,390.81	3/4	1,030.68	3/4	675.57	3/4	323.08	3/4		3/4	3/4		3/4		3/4
6	2,100.83	6	1,741.04	6	1,383.30	6	1,023.18	6	668.33	6	315.58	6		6	6		6		6
1/4	2,093.33	1/4	1,733.59	1/4	1,375.80	1/4	1,015.67	1/4	661.10	1/4	308.07	1/4		1/4	1/4		1/4		1/4
1/2	2,085.83	1/2	1,726.15	1/2	1,368.30	1/2	1,008.17	1/2	653.86	1/2	300.57	1/2		1/2	1/2		1/2		1/2
3/4	2,078.32	3/4	1,718.70	3/4	1,360.80	3/4	1,000.67	3/4	646.63	3/4	293.07	3/4		3/4	3/4		3/4		3/4
7	2,070.82	7	1,711.26	7	1,353.29	7	993.16	7	639.39	7	285.57	7		7	7		7		7
1/4	2,063.32	1/4	1,703.81	1/4	1,345.79	1/4	985.66	1/4	632.16	1/4	278.06	1/4		1/4	1/4		1/4		1/4
1/2	2,055.82	1/2	1,696.37	1/2	1,338.29	1/2	978.16	1/2	624.92	1/2	270.56	1/2		1/2	1/2		1/2		1/2
3/4	2,048.31	3/4	1,688.92	3/4	1,330.79	3/4	970.66	3/4	617.69	3/4	263.06	3/4		3/4	3/4		3/4		3/4
8	2,040.81	8	1,681.47	8	1,323.28	8	963.15	8	610.45	8	255.56	8		8	8		8		8
1/4	2,033.31	1/4	1,674.03	1/4	1,315.78	1/4	955.65	1/4	603.22	1/4	248.05	1/4		1/4	1/4		1/4		1/4
1/2	2,025.80	1/2	1,666.58	1/2	1,308.28	1/2	948.15	1/2	595.98	1/2	240.55	1/2		1/2	1/2		1/2		1/2
3/4	2,018.30	3/4	1,659.14	3/4	1,300.77	3/4	940.65	3/4	588.75	3/4	233.05	3/4		3/4	3/4		3/4		3/4
9	2,010.80	9	1,651.69	9	1,293.27	9	933.14	9	581.51	9	225.55	9		9	9		9		9
1/4	2,003.30	1/4	1,644.25	1/4	1,285.77	1/4	925.64	1/4	574.28	1/4	218.04	1/4		1/4	1/4		1/4		1/4
1/2	1,995.79	1/2	1,636.80	1/2	1,278.27	1/2	918.14	1/2	567.04	1/2	210.54	1/2		1/2	1/2		1/2		1/2
3/4	1,988.29	3/4	1,629.35	3/4	1,270.76	3/4	910.63	3/4	559.81	3/4	203.04	3/4		3/4	3/4		3/4		3/4
10	1,980.79	10	1,621.91	10	1,263.26	10	903.13	10	552.57	10	195.54	10		10	10		10		10
1/4	1,973.28	1/4	1,614.46	1/4	1,255.76	1/4	895.63	1/4	545.34	1/4	188.03	1/4		1/4	1/4		1/4		1/4
1/2	1,965.78	1/2	1,607.02	1/2	1,248.26	1/2	888.13	1/2	538.10	1/2	180.53	1/2		1/2	1/2		1/2		1/2
3/4	1,958.28	3/4	1,599.57	3/4	1,240.75	3/4	880.62	3/4	530.86	3/4	173.03	3/4		3/4	3/4		3/4		3/4
11	1,950.78	11	1,592.13	11	1,233.25	11	873.12	11	523.62	11	165.53	11		11	11		11		11
1/4	1,943.27	1/4	1,584.68	1/4	1,225.75	1/4	865.62	1/4	516.37	1/4	158.02	1/4		1/4	1/4		1/4		1/4
1/2	1,935.77	1/2	1,577.23	1/2	1,218.25	1/2	858.12	1/2	509.13	1/2	150.52	1/2		1/2	1/2		1/2		1/2
3/4	1,928.27	3/4	1,569.79	3/4	1,210.74	3/4	850.61	3/4	501.88	3/4	143.02	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/27/2013
RECALCULATED: 12/28/2018
VERIFIED: 01/31/2024 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 01/2024

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 27012"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	187	0	373	0	560	0	746	0		0		0		0		0	
1/4	4	1/4	190	1/4	377	1/4	564	1/4	750	1/4		1/4		1/4		1/4		1/4	
1/2	8	1/2	194	1/2	381	1/2	567	1/2	754	1/2		1/2		1/2		1/2		1/2	
3/4	12	3/4	198	3/4	385	3/4	571	3/4	758	3/4		3/4		3/4		3/4		3/4	
1	16	1	202	1	389	1	575	1	762	1		1		1		1		1	
1/4	19	1/4	206	1/4	393	1/4	579	1/4	766	1/4		1/4		1/4		1/4		1/4	
1/2	23	1/2	210	1/2	396	1/2	583	1/2	770	1/2		1/2		1/2		1/2		1/2	
3/4	27	3/4	214	3/4	400	3/4	587	3/4	773	3/4		3/4		3/4		3/4		3/4	
2	31	2	218	2	404	2	591	2	777	2		2		2		2		2	
1/4	35	1/4	222	1/4	408	1/4	595	1/4	781	1/4		1/4		1/4		1/4		1/4	
1/2	39	1/2	225	1/2	412	1/2	599	1/2	785	1/2		1/2		1/2		1/2		1/2	
3/4	43	3/4	229	3/4	416	3/4	602	3/4	789	3/4		3/4		3/4		3/4		3/4	
3	47	3	233	3	420	3	606	3	793	3		3		3		3		3	
1/4	51	1/4	237	1/4	424	1/4	610	1/4	797	1/4		1/4		1/4		1/4		1/4	
1/2	54	1/2	241	1/2	428	1/2	614	1/2	801	1/2		1/2		1/2		1/2		1/2	
3/4	58	3/4	245	3/4	431	3/4	618	3/4	805	3/4		3/4		3/4		3/4		3/4	
4	62	4	249	4	435	4	622	4	808	4		4		4		4		4	
1/4	66	1/4	253	1/4	439	1/4	626	1/4	812	1/4		1/4		1/4		1/4		1/4	
1/2	70	1/2	257	1/2	443	1/2	630	1/2	816	1/2		1/2		1/2		1/2		1/2	
3/4	74	3/4	260	3/4	447	3/4	634	3/4	820	3/4		3/4		3/4		3/4		3/4	
5	78	5	264	5	451	5	637	5	824	5		5		5		5		5	
1/4	82	1/4	268	1/4	455	1/4	641	1/4	828	1/4		1/4		1/4		1/4		1/4	
1/2	86	1/2	272	1/2	459	1/2	645	1/2	832	1/2		1/2		1/2		1/2		1/2	
3/4	89	3/4	276	3/4	463	3/4	649	3/4	836	3/4		3/4		3/4		3/4		3/4	
6	93	6	280	6	466	6	653	6	840	6		6		6		6		6	
1/4	97	1/4	284	1/4	470	1/4	657	1/4	844	1/4		1/4		1/4		1/4		1/4	
1/2	101	1/2	288	1/2	474	1/2	661	1/2	848	1/2		1/2		1/2		1/2		1/2	
3/4	105	3/4	292	3/4	478	3/4	665	3/4	852	3/4		3/4		3/4		3/4		3/4	
7	109	7	295	7	482	7	669	7	856	7		7		7		7		7	
1/4	113	1/4	299	1/4	486	1/4	672	1/4	860	1/4		1/4		1/4		1/4		1/4	
1/2	117	1/2	303	1/2	490	1/2	676	1/2	864	1/2		1/2		1/2		1/2		1/2	
3/4	120	3/4	307	3/4	494	3/4	680	3/4	868	3/4		3/4		3/4		3/4		3/4	
8	124	8	311	8	498	8	684	8	872	8		8		8		8		8	
1/4	128	1/4	315	1/4	501	1/4	688	1/4	876	1/4		1/4		1/4		1/4		1/4	
1/2	132	1/2	319	1/2	505	1/2	692	1/2	880	1/2		1/2		1/2		1/2		1/2	
3/4	136	3/4	323	3/4	509	3/4	696	3/4	884	3/4		3/4		3/4		3/4		3/4	
9	140	9	326	9	513	9	700	9	888	9		9		9		9		9	
1/4	144	1/4	330	1/4	517	1/4	704	1/4	892	1/4		1/4		1/4		1/4		1/4	
1/2	148	1/2	334	1/2	521	1/2	707	1/2	896	1/2		1/2		1/2		1/2		1/2	
3/4	152	3/4	338	3/4	525	3/4	711	3/4	900	3/4		3/4		3/4		3/4		3/4	
10	155	10	342	10	529	10	715	10	904	10		10		10		10		10	
1/4	159	1/4	346	1/4	532	1/4	719	1/4	908	1/4		1/4		1/4		1/4		1/4	
1/2	163	1/2	350	1/2	536	1/2	723	1/2	912	1/2		1/2		1/2		1/2		1/2	
3/4	167	3/4	354	3/4	540	3/4	727	3/4	916	3/4		3/4		3/4		3/4		3/4	
11	171	11	358	11	544	11	731	11	920	11		11		11		11		11	
1/4	175	1/4	361	1/4	548	1/4	735	1/4	924	1/4		1/4		1/4		1/4		1/4	
1/2	179	1/2	365	1/2	552	1/2	738	1/2	928	1/2		1/2		1/2		1/2		1/2	
3/4	183	3/4	369	3/4	556	3/4	742	3/4	932	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 INNAGE GAUGES

STRAPPED: 01/30/2024 CL
 CALCULATED: 01/30/2024 CL
 PRINTED: 01/30/2024 CL

CANCELS AND SUPERCEDES
 ALL PRIOR TO 01/2024

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 27012"

PORT SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,046	0	2,070	0	3,043	0	3,965	0		0		0		0		0	
1/4	22	1/4	1,068	1/4	2,091	1/4	3,063	1/4	3,984	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,090	1/2	2,112	1/2	3,082	1/2	4,002	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,112	3/4	2,132	3/4	3,102	3/4	4,021	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,134	1	2,153	1	3,122	1	4,040	1		1		1		1		1	
1/4	109	1/4	1,155	1/4	2,174	1/4	3,141	1/4	4,058	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,177	1/2	2,194	1/2	3,161	1/2	4,077	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,199	3/4	2,215	3/4	3,181	3/4	4,095	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,221	2	2,236	2	3,200	2	4,114	2		2		2		2		2	
1/4	196	1/4	1,242	1/4	2,256	1/4	3,220	1/4	4,132	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,264	1/2	2,277	1/2	3,239	1/2	4,151	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,285	3/4	2,297	3/4	3,259	3/4	4,169	3/4		3/4		3/4		3/4		3/4	
3	262	3	1,307	3	2,318	3	3,278	3	4,188	3		3		3		3		3	
1/4	283	1/4	1,329	1/4	2,338	1/4	3,298	1/4	4,206	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,350	1/2	2,359	1/2	3,317	1/2	4,225	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,372	3/4	2,379	3/4	3,337	3/4	4,243	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,393	4	2,400	4	3,356	4	4,261	4		4		4		4		4	
1/4	371	1/4	1,415	1/4	2,420	1/4	3,375	1/4	4,280	1/4		1/4		1/4		1/4		1/4	
1/2	392	1/2	1,436	1/2	2,441	1/2	3,395	1/2	4,298	1/2		1/2		1/2		1/2		1/2	
3/4	414	3/4	1,458	3/4	2,461	3/4	3,414	3/4	4,316	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,479	5	2,482	5	3,433	5	4,334	5		5		5		5		5	
1/4	458	1/4	1,500	1/4	2,502	1/4	3,453	1/4	4,351	1/4		1/4		1/4		1/4		1/4	
1/2	480	1/2	1,522	1/2	2,522	1/2	3,472	1/2	4,367	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,543	3/4	2,543	3/4	3,491	3/4	4,383	3/4		3/4		3/4		3/4		3/4	
6	523	6	1,565	6	2,563	6	3,510	6		6		6		6		6		6	
1/4	545	1/4	1,586	1/4	2,583	1/4	3,530	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,607	1/2	2,603	1/2	3,549	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	589	3/4	1,628	3/4	2,624	3/4	3,568	3/4		3/4		3/4		3/4		3/4		3/4	
7	610	7	1,650	7	2,644	7	3,587	7		7		7		7		7		7	
1/4	632	1/4	1,671	1/4	2,664	1/4	3,606	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	654	1/2	1,692	1/2	2,684	1/2	3,625	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,713	3/4	2,704	3/4	3,644	3/4		3/4		3/4		3/4		3/4		3/4	
8	698	8	1,734	8	2,724	8	3,663	8		8		8		8		8		8	
1/4	719	1/4	1,756	1/4	2,744	1/4	3,682	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	741	1/2	1,777	1/2	2,764	1/2	3,701	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	763	3/4	1,798	3/4	2,784	3/4	3,720	3/4		3/4		3/4		3/4		3/4		3/4	
9	785	9	1,819	9	2,805	9	3,739	9		9		9		9		9		9	
1/4	807	1/4	1,840	1/4	2,824	1/4	3,758	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	828	1/2	1,861	1/2	2,844	1/2	3,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	850	3/4	1,882	3/4	2,864	3/4	3,796	3/4		3/4		3/4		3/4		3/4		3/4	
10	872	10	1,903	10	2,884	10	3,815	10		10		10		10		10		10	
1/4	894	1/4	1,924	1/4	2,904	1/4	3,834	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	916	1/2	1,945	1/2	2,924	1/2	3,853	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	937	3/4	1,966	3/4	2,944	3/4	3,871	3/4		3/4		3/4		3/4		3/4		3/4	
11	959	11	1,987	11	2,964	11	3,890	11		11		11		11		11		11	
1/4	981	1/4	2,008	1/4	2,984	1/4	3,909	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	1,003	1/2	2,028	1/2	3,003	1/2	3,928	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	1,025	3/4	2,049	3/4	3,023	3/4	3,946	3/4		3/4		3/4		3/4		3/4		3/4	

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 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES

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



BARGE "KIRBY 27012"

STBD SLOP INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0	0	0	1,046	0	2,069	0	3,041	0	3,963	0		0		0		0		0	
1/4	22	1/4	1,068	1/4	2,090	1/4	3,061	1/4	3,982	1/4		1/4		1/4		1/4		1/4	
1/2	44	1/2	1,090	1/2	2,111	1/2	3,081	1/2	4,000	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	1,111	3/4	2,131	3/4	3,101	3/4	4,019	3/4		3/4		3/4		3/4		3/4	
1	87	1	1,133	1	2,152	1	3,120	1	4,038	1		1		1		1		1	
1/4	109	1/4	1,155	1/4	2,173	1/4	3,140	1/4	4,056	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	1,176	1/2	2,193	1/2	3,159	1/2	4,075	1/2		1/2		1/2		1/2		1/2	
3/4	153	3/4	1,198	3/4	2,214	3/4	3,179	3/4	4,093	3/4		3/4		3/4		3/4		3/4	
2	174	2	1,220	2	2,235	2	3,199	2	4,112	2		2		2		2		2	
1/4	196	1/4	1,242	1/4	2,255	1/4	3,218	1/4	4,130	1/4		1/4		1/4		1/4		1/4	
1/2	218	1/2	1,263	1/2	2,276	1/2	3,238	1/2	4,149	1/2		1/2		1/2		1/2		1/2	
3/4	240	3/4	1,285	3/4	2,296	3/4	3,257	3/4	4,167	3/4		3/4		3/4		3/4		3/4	
3	261	3	1,306	3	2,317	3	3,277	3	4,186	3		3		3		3		3	
1/4	283	1/4	1,328	1/4	2,337	1/4	3,296	1/4	4,204	1/4		1/4		1/4		1/4		1/4	
1/2	305	1/2	1,349	1/2	2,358	1/2	3,316	1/2	4,222	1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	1,371	3/4	2,378	3/4	3,335	3/4	4,241	3/4		3/4		3/4		3/4		3/4	
4	349	4	1,393	4	2,399	4	3,354	4	4,259	4		4		4		4		4	
1/4	370	1/4	1,414	1/4	2,419	1/4	3,374	1/4	4,277	1/4		1/4		1/4		1/4		1/4	
1/2	392	1/2	1,435	1/2	2,440	1/2	3,393	1/2	4,296	1/2		1/2		1/2		1/2		1/2	
3/4	414	3/4	1,457	3/4	2,460	3/4	3,412	3/4	4,314	3/4		3/4		3/4		3/4		3/4	
5	436	5	1,478	5	2,480	5	3,432	5	4,332	5		5		5		5		5	
1/4	458	1/4	1,500	1/4	2,501	1/4	3,451	1/4	4,349	1/4		1/4		1/4		1/4		1/4	
1/2	479	1/2	1,521	1/2	2,521	1/2	3,470	1/2	4,365	1/2		1/2		1/2		1/2		1/2	
3/4	501	3/4	1,542	3/4	2,541	3/4	3,489	3/4	4,381	3/4		3/4		3/4		3/4		3/4	
6	523	6	1,564	6	2,562	6	3,509	6	4,400	6		6		6		6		6	
1/4	545	1/4	1,585	1/4	2,582	1/4	3,528	1/4	4,418	1/4		1/4		1/4		1/4		1/4	
1/2	567	1/2	1,606	1/2	2,602	1/2	3,547	1/2	4,436	1/2		1/2		1/2		1/2		1/2	
3/4	588	3/4	1,628	3/4	2,622	3/4	3,566	3/4	4,454	3/4		3/4		3/4		3/4		3/4	
7	610	7	1,649	7	2,642	7	3,585	7	4,472	7		7		7		7		7	
1/4	632	1/4	1,670	1/4	2,663	1/4	3,604	1/4	4,490	1/4		1/4		1/4		1/4		1/4	
1/2	654	1/2	1,691	1/2	2,683	1/2	3,623	1/2	4,508	1/2		1/2		1/2		1/2		1/2	
3/4	676	3/4	1,712	3/4	2,703	3/4	3,643	3/4	4,526	3/4		3/4		3/4		3/4		3/4	
8	697	8	1,734	8	2,723	8	3,662	8	4,544	8		8		8		8		8	
1/4	719	1/4	1,755	1/4	2,743	1/4	3,681	1/4	4,562	1/4		1/4		1/4		1/4		1/4	
1/2	741	1/2	1,776	1/2	2,763	1/2	3,700	1/2	4,580	1/2		1/2		1/2		1/2		1/2	
3/4	763	3/4	1,797	3/4	2,783	3/4	3,719	3/4	4,598	3/4		3/4		3/4		3/4		3/4	
9	784	9	1,818	9	2,803	9	3,737	9	4,616	9		9		9		9		9	
1/4	806	1/4	1,839	1/4	2,823	1/4	3,756	1/4	4,634	1/4		1/4		1/4		1/4		1/4	
1/2	828	1/2	1,860	1/2	2,843	1/2	3,775	1/2	4,652	1/2		1/2		1/2		1/2		1/2	
3/4	850	3/4	1,881	3/4	2,863	3/4	3,794	3/4	4,670	3/4		3/4		3/4		3/4		3/4	
10	872	10	1,902	10	2,883	10	3,813	10	4,688	10		10		10		10		10	
1/4	893	1/4	1,923	1/4	2,903	1/4	3,832	1/4	4,706	1/4		1/4		1/4		1/4		1/4	
1/2	915	1/2	1,944	1/2	2,923	1/2	3,851	1/2	4,724	1/2		1/2		1/2		1/2		1/2	
3/4	937	3/4	1,965	3/4	2,943	3/4	3,870	3/4	4,742	3/4		3/4		3/4		3/4		3/4	
11	959	11	1,986	11	2,962	11	3,888	11	4,760	11		11		11		11		11	
1/4	981	1/4	2,007	1/4	2,982	1/4	3,907	1/4	4,778	1/4		1/4		1/4		1/4		1/4	
1/2	1,002	1/2	2,027	1/2	3,002	1/2	3,926	1/2	4,796	1/2		1/2		1/2		1/2		1/2	
3/4	1,024	3/4	2,048	3/4	3,022	3/4	3,945	3/4	4,814	3/4		3/4		3/4		3/4		3/4	

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