



BARGE "KIRBY 12504B"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8
2 CENTER	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8
3 CENTER	00-1/2	- 00-1/2	00-7/8	- 00-7/8	01-3/8	- 01-3/8	01-3/4	- 01-3/4	02-1/4	- 02-1/4	02-5/8	- 02-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

FWD. DRAFT = 2'-00"
 AFT DRAFT = 4'-00"
 DIFF. = 2'-00" (DOWN BY STERN)

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/4"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 3/4"

LENGTH BETWEEN DRAFT MARKS: 176'-06"

September 12, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 12504B"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

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	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	1/4
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	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	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	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	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	3/4
2	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	1/4
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	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	3/4
3	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	1/4
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	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	3/4
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	1/4
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	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	3/4
5	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	1/4
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	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	3/4
6	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	1/4
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	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	3/4
7	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	1/4
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	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	3/4
8	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	1/4
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	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	3/4
9	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	1/4
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	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	3/4
10	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	1/4
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	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	3/4
11	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	1/4
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	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	3/4

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" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-02" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-10 3/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,926.88	0	1,642.26	0	1,357.64	0	1,073.01	0	788.66	0	504.31	0	219.79	0		0		0	
1/4	1,920.95	1/4	1,636.33	1/4	1,351.71	1/4	1,067.08	1/4	782.74	1/4	498.39	1/4	213.86	1/4	1/4		1/4		1/4
1/2	1,915.02	1/2	1,630.40	1/2	1,345.78	1/2	1,061.16	1/2	776.82	1/2	492.47	1/2	207.93	1/2	1/2		1/2		1/2
3/4	1,909.09	3/4	1,624.47	3/4	1,339.85	3/4	1,055.23	3/4	770.90	3/4	486.55	3/4	202.00	3/4	3/4		3/4		3/4
1	1,903.16	1	1,618.54	1	1,333.92	1	1,049.30	1	764.98	1	480.63	1	196.07	1	1		1		1
1/4	1,897.23	1/4	1,612.61	1/4	1,327.99	1/4	1,043.37	1/4	759.06	1/4	474.70	1/4	190.14	1/4	1/4		1/4		1/4
1/2	1,891.30	1/2	1,606.68	1/2	1,322.06	1/2	1,037.44	1/2	753.13	1/2	468.78	1/2	184.22	1/2	1/2		1/2		1/2
3/4	1,885.37	3/4	1,600.75	3/4	1,316.13	3/4	1,031.51	3/4	747.21	3/4	462.86	3/4	178.29	3/4	3/4		3/4		3/4
2	1,879.44	2	1,594.82	2	1,310.20	2	1,025.58	2	741.29	2	456.94	2	172.36	2	2		2		2
1/4	1,873.51	1/4	1,588.89	1/4	1,304.27	1/4	1,019.65	1/4	735.37	1/4	451.02	1/4	166.43	1/4	1/4		1/4		1/4
1/2	1,867.58	1/2	1,582.96	1/2	1,298.34	1/2	1,013.72	1/2	729.45	1/2	445.10	1/2	160.50	1/2	1/2		1/2		1/2
3/4	1,861.65	3/4	1,577.03	3/4	1,292.41	3/4	1,007.79	3/4	723.53	3/4	439.18	3/4	154.57	3/4	3/4		3/4		3/4
3	1,855.72	3	1,571.10	3	1,286.48	3	1,001.86	3	717.60	3	433.25	3	148.64	3	3		3		3
1/4	1,849.79	1/4	1,565.17	1/4	1,280.55	1/4	995.93	1/4	711.67	1/4	427.32	1/4	142.71	1/4	1/4		1/4		1/4
1/2	1,843.86	1/2	1,559.24	1/2	1,274.62	1/2	990.00	1/2	705.74	1/2	421.39	1/2	136.78	1/2	1/2		1/2		1/2
3/4	1,837.93	3/4	1,553.31	3/4	1,268.69	3/4	984.07	3/4	699.81	3/4	415.46	3/4	130.85	3/4	3/4		3/4		3/4
4	1,832.00	4	1,547.38	4	1,262.76	4	978.14	4	693.88	4	409.53	4	124.92	4	4		4		4
1/4	1,826.07	1/4	1,541.45	1/4	1,256.83	1/4	972.21	1/4	687.96	1/4	403.60	1/4	118.99	1/4	1/4		1/4		1/4
1/2	1,820.14	1/2	1,535.52	1/2	1,250.90	1/2	966.28	1/2	682.03	1/2	397.67	1/2	113.06	1/2	1/2		1/2		1/2
3/4	1,814.21	3/4	1,529.59	3/4	1,244.97	3/4	960.35	3/4	676.10	3/4	391.74	3/4	107.13	3/4	3/4		3/4		3/4
5	1,808.28	5	1,523.66	5	1,239.04	5	954.43	5	670.17	5	385.81	5	101.21	5	5		5		5
1/4	1,802.36	1/4	1,517.73	1/4	1,233.11	1/4	948.51	1/4	664.24	1/4	379.88	1/4	95.28	1/4	1/4		1/4		1/4
1/2	1,796.43	1/2	1,511.80	1/2	1,227.18	1/2	942.59	1/2	658.31	1/2	373.95	1/2	89.35	1/2	1/2		1/2		1/2
3/4	1,790.50	3/4	1,505.88	3/4	1,221.25	3/4	936.67	3/4	652.38	3/4	368.02	3/4	83.42	3/4	3/4		3/4		3/4
6	1,784.57	6	1,499.95	6	1,215.32	6	930.75	6	646.45	6	362.09	6	77.49	6	6		6		6
1/4	1,778.64	1/4	1,494.02	1/4	1,209.40	1/4	924.83	1/4	640.52	1/4	356.17	1/4	71.56	1/4	1/4		1/4		1/4
1/2	1,772.71	1/2	1,488.09	1/2	1,203.47	1/2	918.91	1/2	634.59	1/2	350.24	1/2	65.63	1/2	1/2		1/2		1/2
3/4	1,766.78	3/4	1,482.16	3/4	1,197.54	3/4	912.99	3/4	628.66	3/4	344.31	3/4	59.70	3/4	3/4		3/4		3/4
7	1,760.85	7	1,476.23	7	1,191.61	7	907.07	7	622.74	7	338.38	7	53.77	7	7		7		7
1/4	1,754.92	1/4	1,470.30	1/4	1,185.68	1/4	901.15	1/4	616.82	1/4	332.45	1/4	47.84	1/4	1/4		1/4		1/4
1/2	1,748.99	1/2	1,464.37	1/2	1,179.75	1/2	895.23	1/2	610.90	1/2	326.52	1/2	41.91	1/2	1/2		1/2		1/2
3/4	1,743.06	3/4	1,458.44	3/4	1,173.82	3/4	889.31	3/4	604.97	3/4	320.59	3/4	35.98	3/4	3/4		3/4		3/4
8	1,737.13	8	1,452.51	8	1,167.89	8	883.39	8	599.05	8	314.66	8	31.04	8	8		8		8
1/4	1,731.20	1/4	1,446.58	1/4	1,161.96	1/4	877.47	1/4	593.13	1/4	308.73	1/4	26.10	1/4	1/4		1/4		1/4
1/2	1,725.27	1/2	1,440.65	1/2	1,156.03	1/2	871.54	1/2	587.21	1/2	302.80	1/2	21.16	1/2	1/2		1/2		1/2
3/4	1,719.34	3/4	1,434.72	3/4	1,150.10	3/4	865.62	3/4	581.29	3/4	296.87	3/4	16.22	3/4	3/4		3/4		3/4
9	1,713.41	9	1,428.79	9	1,144.17	9	859.70	9	575.37	9	290.94	9	13.25	9	9		9		9
1/4	1,707.48	1/4	1,422.86	1/4	1,138.24	1/4	853.78	1/4	569.45	1/4	285.01	1/4	10.29	1/4	1/4		1/4		1/4
1/2	1,701.55	1/2	1,416.93	1/2	1,132.31	1/2	847.86	1/2	563.52	1/2	279.08	1/2	7.33	1/2	1/2		1/2		1/2
3/4	1,695.62	3/4	1,411.00	3/4	1,126.38	3/4	841.94	3/4	557.60	3/4	273.15	3/4	4.36	3/4	3/4		3/4		3/4
10	1,689.69	10	1,405.07	10	1,120.45	10	836.02	10	551.68	10	267.23	10	3.37	10	10		10		10
1/4	1,683.76	1/4	1,399.14	1/4	1,114.52	1/4	830.10	1/4	545.76	1/4	261.30	1/4	2.38	1/4	1/4		1/4		1/4
1/2	1,677.83	1/2	1,393.21	1/2	1,108.59	1/2	824.18	1/2	539.84	1/2	255.37	1/2	1.40	1/2	1/2		1/2		1/2
3/4	1,671.90	3/4	1,387.28	3/4	1,102.66	3/4	818.26	3/4	533.92	3/4	249.44	3/4	0.41	3/4	3/4		3/4		3/4
11	1,665.97	11	1,381.35	11	1,096.73	11	812.34	11	528.00	11	243.51	11		11	11		11		11
1/4	1,660.04	1/4	1,375.42	1/4	1,090.80	1/4	806.42	1/4	522.07	1/4	237.58	1/4		1/4	1/4		1/4		1/4
1/2	1,654.12	1/2	1,369.49	1/2	1,084.87	1/2	800.50	1/2	516.15	1/2	231.65	1/2		1/2	1/2		1/2		1/2
3/4	1,648.19	3/4	1,363.56	3/4	1,078.94	3/4	794.58	3/4	510.23	3/4	225.72	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2008 CL - SW
RECALCULATED: 09/12/2023 CL
REPRINTED: 09/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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



BARGE "KIRBY 12504B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

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		0	3,944.23	0	3,657.76	0	3,371.30	0	3,084.83	0	2,798.36	0	2,511.89	0	2,225.42
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,938.27	1/4	3,651.80	1/4	3,365.33	1/4	3,078.86	1/4	2,792.39	1/4	2,505.92	1/4	2,219.45
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,932.30	1/2	3,645.83	1/2	3,359.36	1/2	3,072.89	1/2	2,786.42	1/2	2,499.95	1/2	2,213.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,926.33	3/4	3,639.86	3/4	3,353.39	3/4	3,066.92	3/4	2,780.45	3/4	2,493.98	3/4	2,207.52
1	1	1	1	1	1	1	3,920.36	1	3,633.89	1	3,347.42	1	3,060.95	1	2,774.49	1	2,488.02	1	2,201.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,914.39	1/4	3,627.92	1/4	3,341.45	1/4	3,054.99	1/4	2,768.52	1/4	2,482.05	1/4	2,195.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,908.42	1/2	3,621.96	1/2	3,335.49	1/2	3,049.02	1/2	2,762.55	1/2	2,476.08	1/2	2,189.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,902.46	3/4	3,615.99	3/4	3,329.52	3/4	3,043.05	3/4	2,756.58	3/4	2,470.11	3/4	2,183.64
2	2	2	2	2	2	2	3,896.49	2	3,610.02	2	3,323.55	2	3,037.08	2	2,750.61	2	2,464.14	2	2,177.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,890.52	1/4	3,604.05	1/4	3,317.58	1/4	3,031.11	1/4	2,744.64	1/4	2,458.18	1/4	2,171.71
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,884.55	1/2	3,598.08	1/2	3,311.61	1/2	3,025.15	1/2	2,738.68	1/2	2,452.21	1/2	2,165.74
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,878.58	3/4	3,592.12	3/4	3,305.65	3/4	3,019.18	3/4	2,732.71	3/4	2,446.24	3/4	2,159.77
3	3	3	3	3	3	3	3,872.62	3	3,586.15	3	3,299.68	3	3,013.21	3	2,726.74	3	2,440.27	3	2,153.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,866.65	1/4	3,580.18	1/4	3,293.71	1/4	3,007.24	1/4	2,720.77	1/4	2,434.30	1/4	2,147.83
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,860.68	1/2	3,574.21	1/2	3,287.74	1/2	3,001.27	1/2	2,714.80	1/2	2,428.34	1/2	2,141.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,854.71	3/4	3,568.24	3/4	3,281.77	3/4	2,995.31	3/4	2,708.84	3/4	2,422.37	3/4	2,135.90
4	4	4	4	4	4	4	3,848.74	4	3,562.27	4	3,275.81	4	2,989.34	4	2,702.87	4	2,416.40	4	2,129.93
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,842.78	1/4	3,556.31	1/4	3,269.84	1/4	2,983.37	1/4	2,696.90	1/4	2,410.43	1/4	2,123.96
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,836.81	1/2	3,550.34	1/2	3,263.87	1/2	2,977.40	1/2	2,690.93	1/2	2,404.46	1/2	2,117.99
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,830.84	3/4	3,544.37	3/4	3,257.90	3/4	2,971.43	3/4	2,684.96	3/4	2,398.50	3/4	2,112.03
5	5	5	5	5	5	5	3,824.87	5	3,538.40	5	3,251.93	5	2,965.46	5	2,679.00	5	2,392.53	5	2,106.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,818.90	1/4	3,532.43	1/4	3,245.97	1/4	2,959.50	1/4	2,673.03	1/4	2,386.56	1/4	2,100.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,812.93	1/2	3,526.47	1/2	3,240.00	1/2	2,953.53	1/2	2,667.06	1/2	2,380.59	1/2	2,094.12
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,806.97	3/4	3,520.50	3/4	3,234.03	3/4	2,947.56	3/4	2,661.09	3/4	2,374.62	3/4	2,088.15
6	6	6	6	6	6	6	3,801.00	6	3,514.53	6	3,228.06	6	2,941.59	6	2,655.12	6	2,368.65	6	2,082.19
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,795.03	1/4	3,508.56	1/4	3,222.09	1/4	2,935.62	1/4	2,649.16	1/4	2,362.69	1/4	2,076.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,789.06	1/2	3,502.59	1/2	3,216.12	1/2	2,929.66	1/2	2,643.19	1/2	2,356.72	1/2	2,070.25
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,783.09	3/4	3,496.63	3/4	3,210.16	3/4	2,923.69	3/4	2,637.22	3/4	2,350.75	3/4	2,064.28
7	7	7	7	7	7	7	4,027.77	7	3,777.13	7	3,490.66	7	3,204.19	7	2,917.72	7	2,631.25	7	2,344.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,026.78	1/4	3,771.16	1/4	3,484.69	1/4	3,198.22	1/4	2,911.75	1/4	2,625.28	1/4	2,338.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,025.78	1/2	3,765.19	1/2	3,478.72	1/2	3,192.25	1/2	2,905.78	1/2	2,619.31	1/2	2,332.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,024.79	3/4	3,759.22	3/4	3,472.75	3/4	3,186.28	3/4	2,899.82	3/4	2,613.35	3/4	2,326.88
8	8	8	8	8	8	8	4,023.80	8	3,753.25	8	3,466.79	8	3,180.32	8	2,893.85	8	2,607.38	8	2,320.91
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,020.81	1/4	3,747.29	1/4	3,460.82	1/4	3,174.35	1/4	2,887.88	1/4	2,601.41	1/4	2,314.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,017.83	1/2	3,741.32	1/2	3,454.85	1/2	3,168.38	1/2	2,881.91	1/2	2,595.44	1/2	2,308.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,014.84	3/4	3,735.35	3/4	3,448.88	3/4	3,162.41	3/4	2,875.94	3/4	2,589.47	3/4	2,303.01
9	9	9	9	9	9	9	4,011.86	9	3,729.38	9	3,442.91	9	3,156.44	9	2,869.98	9	2,583.51	9	2,297.04
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,006.89	1/4	3,723.41	1/4	3,436.94	1/4	3,150.48	1/4	2,864.01	1/4	2,577.54	1/4	2,291.07
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,001.92	1/2	3,717.45	1/2	3,430.98	1/2	3,144.51	1/2	2,858.04	1/2	2,571.57	1/2	2,285.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,996.95	3/4	3,711.48	3/4	3,425.01	3/4	3,138.54	3/4	2,852.07	3/4	2,565.60	3/4	2,279.13
10	10	10	10	10	10	10	3,991.98	10	3,705.51	10	3,419.04	10	3,132.57	10	2,846.10	10	2,559.63	10	2,273.17
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,986.01	1/4	3,699.54	1/4	3,413.07	1/4	3,126.60	1/4	2,840.13	1/4	2,553.67	1/4	2,267.20
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,980.04	1/2	3,693.57	1/2	3,407.10	1/2	3,120.64	1/2	2,834.17	1/2	2,547.70	1/2	2,261.23
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,974.07	3/4	3,687.60	3/4	3,401.14	3/4	3,114.67	3/4	2,828.20	3/4	2,541.73	3/4	2,255.26
11	11	11	11	11	11	11	3,968.11	11	3,681.64	11	3,395.17	11	3,108.70	11	2,822.23	11	2,535.76	11	2,249.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,962.14	1/4	3,675.67	1/4	3,389.20	1/4	3,102.73	1/4	2,816.26	1/4	2,529.79	1/4	2,243.32
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,956.17	1/2	3,669.70	1/2	3,383.23	1/2	3,096.76	1/2	2,810.29	1/2	2,523.83	1/2	2,237.36
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,950.20	3/4	3,663.73	3/4	3,377.26	3/4	3,090.79	3/4	2,804.33	3/4	2,517.86	3/4	2,231.39

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 31'-06 5/8" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 12504B"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,938.95	0	1,652.48	0	1,366.01	0	1,079.55	0	794.96	0	511.88	0	227.16	0		0		0	
1/4	1,932.98	1/4	1,646.51	1/4	1,360.05	1/4	1,073.58	1/4	789.05	1/4	505.99	1/4	221.20	1/4	1/4		1/4		1/4
1/2	1,927.02	1/2	1,640.55	1/2	1,354.08	1/2	1,067.61	1/2	783.15	1/2	500.09	1/2	215.23	1/2	1/2		1/2		1/2
3/4	1,921.05	3/4	1,634.58	3/4	1,348.11	3/4	1,061.64	3/4	777.25	3/4	494.20	3/4	209.26	3/4	3/4		3/4		3/4
1	1,915.08	1	1,628.61	1	1,342.14	1	1,055.67	1	771.35	1	488.31	1	203.29	1	1		1		1
1/4	1,909.11	1/4	1,622.64	1/4	1,336.17	1/4	1,049.70	1/4	765.45	1/4	482.42	1/4	197.33	1/4	1/4		1/4		1/4
1/2	1,903.14	1/2	1,616.67	1/2	1,330.21	1/2	1,043.74	1/2	759.55	1/2	476.53	1/2	191.36	1/2	1/2		1/2		1/2
3/4	1,897.17	3/4	1,610.71	3/4	1,324.24	3/4	1,037.77	3/4	753.65	3/4	470.64	3/4	185.39	3/4	3/4		3/4		3/4
2	1,891.21	2	1,604.74	2	1,318.27	2	1,031.80	2	747.75	2	464.75	2	179.43	2	2		2		2
1/4	1,885.24	1/4	1,598.77	1/4	1,312.30	1/4	1,025.83	1/4	741.85	1/4	458.85	1/4	173.46	1/4	1/4		1/4		1/4
1/2	1,879.27	1/2	1,592.80	1/2	1,306.33	1/2	1,019.86	1/2	735.95	1/2	452.96	1/2	167.49	1/2	1/2		1/2		1/2
3/4	1,873.30	3/4	1,586.83	3/4	1,300.36	3/4	1,013.90	3/4	730.04	3/4	447.07	3/4	161.52	3/4	3/4		3/4		3/4
3	1,867.33	3	1,580.87	3	1,294.40	3	1,007.93	3	724.14	3	441.18	3	155.56	3	3		3		3
1/4	1,861.37	1/4	1,574.90	1/4	1,288.43	1/4	1,001.96	1/4	718.24	1/4	435.28	1/4	149.59	1/4	1/4		1/4		1/4
1/2	1,855.40	1/2	1,568.93	1/2	1,282.46	1/2	995.99	1/2	712.34	1/2	429.38	1/2	143.62	1/2	1/2		1/2		1/2
3/4	1,849.43	3/4	1,562.96	3/4	1,276.49	3/4	990.02	3/4	706.44	3/4	423.48	3/4	137.65	3/4	3/4		3/4		3/4
4	1,843.46	4	1,556.99	4	1,270.52	4	984.06	4	700.54	4	417.58	4	131.69	4	4		4		4
1/4	1,837.49	1/4	1,551.02	1/4	1,264.56	1/4	978.09	1/4	694.64	1/4	411.68	1/4	125.72	1/4	1/4		1/4		1/4
1/2	1,831.53	1/2	1,545.06	1/2	1,258.59	1/2	972.12	1/2	688.74	1/2	405.78	1/2	119.75	1/2	1/2		1/2		1/2
3/4	1,825.56	3/4	1,539.09	3/4	1,252.62	3/4	966.15	3/4	682.84	3/4	399.88	3/4	113.78	3/4	3/4		3/4		3/4
5	1,819.59	5	1,533.12	5	1,246.65	5	960.18	5	676.94	5	393.98	5	107.82	5	5		5		5
1/4	1,813.62	1/4	1,527.15	1/4	1,240.68	1/4	954.28	1/4	671.03	1/4	388.08	1/4	101.85	1/4	1/4		1/4		1/4
1/2	1,807.65	1/2	1,521.18	1/2	1,234.72	1/2	948.38	1/2	665.13	1/2	382.18	1/2	95.88	1/2	1/2		1/2		1/2
3/4	1,801.69	3/4	1,515.22	3/4	1,228.75	3/4	942.48	3/4	659.23	3/4	376.28	3/4	89.91	3/4	3/4		3/4		3/4
6	1,795.72	6	1,509.25	6	1,222.78	6	936.58	6	653.33	6	370.38	6	83.95	6	6		6		6
1/4	1,789.75	1/4	1,503.28	1/4	1,216.81	1/4	930.68	1/4	647.43	1/4	364.41	1/4	77.98	1/4	1/4		1/4		1/4
1/2	1,783.78	1/2	1,497.31	1/2	1,210.84	1/2	924.78	1/2	641.53	1/2	358.45	1/2	72.01	1/2	1/2		1/2		1/2
3/4	1,777.81	3/4	1,491.34	3/4	1,204.88	3/4	918.88	3/4	635.63	3/4	352.48	3/4	66.04	3/4	3/4		3/4		3/4
7	1,771.84	7	1,485.38	7	1,198.91	7	912.98	7	629.73	7	346.51	7	60.08	7	7		7		7
1/4	1,765.88	1/4	1,479.41	1/4	1,192.94	1/4	907.07	1/4	623.83	1/4	340.54	1/4	54.11	1/4	1/4		1/4		1/4
1/2	1,759.91	1/2	1,473.44	1/2	1,186.97	1/2	901.17	1/2	617.94	1/2	334.58	1/2	48.14	1/2	1/2		1/2		1/2
3/4	1,753.94	3/4	1,467.47	3/4	1,181.00	3/4	895.27	3/4	612.05	3/4	328.61	3/4	42.17	3/4	3/4		3/4		3/4
8	1,747.97	8	1,461.50	8	1,175.03	8	889.37	8	606.16	8	322.64	8	36.21	8	8		8		8
1/4	1,742.00	1/4	1,455.54	1/4	1,169.07	1/4	883.47	1/4	600.26	1/4	316.68	1/4	31.23	1/4	1/4		1/4		1/4
1/2	1,736.04	1/2	1,449.57	1/2	1,163.10	1/2	877.57	1/2	594.37	1/2	310.71	1/2	26.26	1/2	1/2		1/2		1/2
3/4	1,730.07	3/4	1,443.60	3/4	1,157.13	3/4	871.67	3/4	588.48	3/4	304.74	3/4	21.29	3/4	3/4		3/4		3/4
9	1,724.10	9	1,437.63	9	1,151.16	9	865.77	9	582.59	9	298.77	9	16.32	9	9		9		9
1/4	1,718.13	1/4	1,431.66	1/4	1,145.19	1/4	859.87	1/4	576.69	1/4	292.81	1/4	13.33	1/4	1/4		1/4		1/4
1/2	1,712.16	1/2	1,425.69	1/2	1,139.23	1/2	853.97	1/2	570.80	1/2	286.84	1/2	10.35	1/2	1/2		1/2		1/2
3/4	1,706.20	3/4	1,419.73	3/4	1,133.26	3/4	848.06	3/4	564.91	3/4	280.87	3/4	7.37	3/4	3/4		3/4		3/4
10	1,700.23	10	1,413.76	10	1,127.29	10	842.16	10	559.01	10	274.90	10	4.38	10	10		10		10
1/4	1,694.26	1/4	1,407.79	1/4	1,121.32	1/4	836.26	1/4	553.12	1/4	268.94	1/4	3.39	1/4	1/4		1/4		1/4
1/2	1,688.29	1/2	1,401.82	1/2	1,115.35	1/2	830.36	1/2	547.23	1/2	262.97	1/2	2.40	1/2	1/2		1/2		1/2
3/4	1,682.32	3/4	1,395.85	3/4	1,109.39	3/4	824.46	3/4	541.34	3/4	257.00	3/4	1.40	3/4	3/4		3/4		3/4
11	1,676.36	11	1,389.89	11	1,103.42	11	818.56	11	535.44	11	251.03	11	0.41	11	11		11		11
1/4	1,670.39	1/4	1,383.92	1/4	1,097.45	1/4	812.66	1/4	529.55	1/4	245.07	1/4		1/4	1/4		1/4		1/4
1/2	1,664.42	1/2	1,377.95	1/2	1,091.48	1/2	806.76	1/2	523.66	1/2	239.10	1/2		1/2	1/2		1/2		1/2
3/4	1,658.45	3/4	1,371.98	3/4	1,085.51	3/4	800.86	3/4	517.77	3/4	233.13	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2008 CL - SW
RECALCULATED: 09/12/2023 CL
REPRINTED: 09/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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



BARGE "KIRBY 12504B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 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	3,780.59	0	3,546.55	0	3,312.51	0	3,078.46	0	2,814.72	0	2,527.50	0	2,240.02				
1/4	1/4	1/4	1/4	1/4	3,775.72	1/4	3,541.67	1/4	3,307.63	1/4	3,073.59	1/4	2,808.74	1/4	2,521.51	1/4	2,234.03				
1/2	1/2	1/2	1/2	1/2	3,770.84	1/2	3,536.80	1/2	3,302.75	1/2	3,068.71	1/2	2,802.76	1/2	2,515.53	1/2	2,228.03				
3/4	3/4	3/4	3/4	3/4	3,765.97	3/4	3,531.92	3/4	3,297.88	3/4	3,063.84	3/4	2,796.77	3/4	2,509.54	3/4	2,222.04				
1	1	1	1	1	3,527.09	1	3,293.00	1	3,058.96	1	2,790.79	1	2,505.56	1	2,216.05						
1/4	1/4	1/4	1/4	1/4	3,756.21	1/4	3,522.17	1/4	3,288.13	1/4	3,054.08	1/4	2,784.80	1/4	2,497.57	1/4	2,210.06				
1/2	1/2	1/2	1/2	1/2	3,751.34	1/2	3,517.29	1/2	3,283.25	1/2	3,049.21	1/2	2,778.82	1/2	2,491.59	1/2	2,204.07				
3/4	3/4	3/4	3/4	3/4	3,746.46	3/4	3,512.42	3/4	3,278.38	3/4	3,044.33	3/4	2,772.83	3/4	2,485.60	3/4	2,198.08				
2	2	2	2	2	3,741.59	2	3,507.54	2	3,273.50	2	3,039.46	2	2,766.85	2	2,479.62	2	2,192.09				
1/4	1/4	1/4	1/4	1/4	3,736.71	1/4	3,502.67	1/4	3,268.62	1/4	3,034.58	1/4	2,760.86	1/4	2,473.63	1/4	2,186.09				
1/2	1/2	1/2	1/2	1/2	3,731.83	1/2	3,497.79	1/2	3,263.75	1/2	3,029.72	1/2	2,754.88	1/2	2,467.65	1/2	2,180.10				
3/4	3/4	3/4	3/4	3/4	3,726.96	3/4	3,492.91	3/4	3,258.87	3/4	3,024.87	3/4	2,748.90	3/4	2,461.66	3/4	2,174.11				
3	3	3	3	3	3,722.08	3	3,488.04	3	3,254.00	3	3,020.01	3	2,742.91	3	2,455.68	3	2,168.12				
1/4	1/4	1/4	1/4	1/4	3,717.21	1/4	3,483.16	1/4	3,249.12	1/4	3,015.15	1/4	2,736.93	1/4	2,449.69	1/4	2,162.13				
1/2	1/2	1/2	1/2	1/2	3,712.33	1/2	3,478.29	1/2	3,244.24	1/2	3,010.30	1/2	2,730.94	1/2	2,443.71	1/2	2,156.14				
3/4	3/4	3/4	3/4	3/4	3,707.45	3/4	3,473.41	3/4	3,239.37	3/4	3,005.44	3/4	2,724.96	3/4	2,437.72	3/4	2,150.15				
4	4	4	4	4	3,702.58	4	3,468.54	4	3,234.49	4	3,000.58	4	2,718.97	4	2,431.74	4	2,144.16				
1/4	1/4	1/4	1/4	1/4	3,697.70	1/4	3,463.66	1/4	3,229.62	1/4	2,995.73	1/4	2,712.99	1/4	2,425.75	1/4	2,138.16				
1/2	1/2	1/2	1/2	1/2	3,692.83	1/2	3,458.78	1/2	3,224.74	1/2	2,990.87	1/2	2,707.01	1/2	2,419.76	1/2	2,132.17				
3/4	3/4	3/4	3/4	3/4	3,687.95	3/4	3,453.91	3/4	3,219.86	3/4	2,986.01	3/4	2,701.02	3/4	2,413.77	3/4	2,126.18				
5	5	5	5	5	3,683.07	5	3,449.03	5	3,214.99	5	2,981.16	5	2,695.04	5	2,407.78	5	2,120.19				
1/4	1/4	1/4	1/4	1/4	3,678.20	1/4	3,444.16	1/4	3,210.11	1/4	2,976.30	1/4	2,689.05	1/4	2,401.79	1/4	2,114.20				
1/2	1/2	1/2	1/2	1/2	3,673.32	1/2	3,439.28	1/2	3,205.24	1/2	2,970.32	1/2	2,683.07	1/2	2,395.79	1/2	2,108.21				
3/4	3/4	3/4	3/4	3/4	3,668.45	3/4	3,434.40	3/4	3,200.36	3/4	2,964.33	3/4	2,677.08	3/4	2,389.80	3/4	2,102.22				
6	6	6	6	6	3,663.57	6	3,429.53	6	3,195.48	6	2,958.35	6	2,671.10	6	2,383.81	6	2,096.22				
1/4	1/4	1/4	1/4	1/4	3,658.70	1/4	3,424.65	1/4	3,190.61	1/4	2,952.36	1/4	2,665.12	1/4	2,377.82	1/4	2,090.23				
1/2	1/2	1/2	1/2	1/2	3,653.82	1/2	3,419.78	1/2	3,185.73	1/2	2,946.38	1/2	2,659.13	1/2	2,371.83	1/2	2,084.24				
3/4	3/4	3/4	3/4	3/4	3,648.94	3/4	3,414.90	3/4	3,180.86	3/4	2,940.39	3/4	2,653.15	3/4	2,365.84	3/4	2,078.25				
7	7	7	7	7	3,644.07	7	3,410.02	7	3,175.98	7	2,934.41	7	2,647.16	7	2,359.85	7	2,072.26				
1/4	1/4	1/4	1/4	3,850.74	1/4	3,639.19	1/4	3,405.15	1/4	3,171.11	1/4	2,928.43	1/4	2,641.18	1/4	2,353.85	1/4	2,066.27			
1/2	1/2	1/2	1/2	3,849.74	1/2	3,634.32	1/2	3,400.27	1/2	3,166.23	1/2	2,922.44	1/2	2,635.19	1/2	2,347.86	1/2	2,060.28			
3/4	3/4	3/4	3/4	3,848.74	3/4	3,629.44	3/4	3,395.40	3/4	3,161.35	3/4	2,916.46	3/4	2,629.21	3/4	2,341.87	3/4	2,054.28			
8	8	8	8	8	3,847.74	8	3,624.56	8	3,390.52	8	3,156.48	8	2,910.47	8	2,623.23	8	2,335.88	8	2,048.29		
1/4	1/4	1/4	1/4	3,846.74	1/4	3,619.69	1/4	3,385.64	1/4	3,151.60	1/4	2,904.49	1/4	2,617.24	1/4	2,329.89	1/4	2,042.30			
1/2	1/2	1/2	1/2	3,843.74	1/2	3,614.81	1/2	3,380.77	1/2	3,146.73	1/2	2,898.50	1/2	2,611.26	1/2	2,323.90	1/2	2,036.33			
3/4	3/4	3/4	3/4	3,840.74	3/4	3,609.94	3/4	3,375.89	3/4	3,141.85	3/4	2,892.52	3/4	2,605.27	3/4	2,317.91	3/4	2,030.36			
9	9	9	9	9	3,837.74	9	3,605.06	9	3,371.02	9	3,136.97	9	2,886.54	9	2,599.29	9	2,311.91	9	2,024.40		
1/4	1/4	1/4	1/4	3,834.74	1/4	3,600.18	1/4	3,366.14	1/4	3,132.10	1/4	2,880.55	1/4	2,593.30	1/4	2,305.92	1/4	2,018.43			
1/2	1/2	1/2	1/2	3,829.73	1/2	3,595.31	1/2	3,361.27	1/2	3,127.22	1/2	2,874.57	1/2	2,587.32	1/2	2,299.93	1/2	2,012.46			
3/4	3/4	3/4	3/4	3,824.73	3/4	3,590.43	3/4	3,356.39	3/4	3,122.35	3/4	2,868.58	3/4	2,581.34	3/4	2,293.94	3/4	2,006.49			
10	10	10	10	10	3,819.73	10	3,585.56	10	3,351.51	10	3,117.47	10	2,862.60	10	2,575.35	10	2,287.95	10	2,000.52		
1/4	1/4	1/4	1/4	3,814.72	1/4	3,580.68	1/4	3,346.64	1/4	3,112.59	1/4	2,856.61	1/4	2,569.37	1/4	2,281.96	1/4	1,994.55			
1/2	1/2	1/2	1/2	3,809.85	1/2	3,575.81	1/2	3,341.76	1/2	3,107.72	1/2	2,850.63	1/2	2,563.39	1/2	2,275.97	1/2	1,988.59			
3/4	3/4	3/4	3/4	3,804.97	3/4	3,570.93	3/4	3,336.89	3/4	3,102.84	3/4	2,844.65	3/4	2,557.41	3/4	2,269.97	3/4	1,982.62			
11	11	11	11	11	3,800.10	11	3,566.05	11	3,332.01	11	3,097.97	11	2,838.66	11	2,551.43	11	2,263.98	11	1,976.65		
1/4	1/4	1/4	1/4	3,795.22	1/4	3,561.18	1/4	3,327.13	1/4	3,093.09	1/4	2,832.68	1/4	2,545.45	1/4	2,257.99	1/4	1,970.68			
1/2	1/2	1/2	1/2	3,790.34	1/2	3,556.30	1/2	3,322.26	1/2	3,088.22	1/2	2,826.69	1/2	2,539.47	1/2	2,252.00	1/2	1,964.71			
3/4	3/4	3/4	3/4	3,785.47	3/4	3,551.43	3/4	3,317.38	3/4	3,083.34	3/4	2,820.71	3/4	2,533.48	3/4	2,246.01	3/4	1,958.74			

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 36'-07 7/8" 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 12504B"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-11 1/4"

	10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.
0	1,952.78	0	1,665.77	0	1,378.18	0	1,090.83	0	807.76	0	522.35	0	234.51	0		0		0	
1/4	1,946.81	1/4	1,659.77	1/4	1,372.19	1/4	1,084.85	1/4	801.94	1/4	516.36	1/4	228.51	1/4	1/4		1/4		1/4
1/2	1,940.84	1/2	1,653.78	1/2	1,366.20	1/2	1,078.87	1/2	796.11	1/2	510.37	1/2	222.50	1/2	1/2		1/2		1/2
3/4	1,934.87	3/4	1,647.79	3/4	1,360.21	3/4	1,072.88	3/4	790.28	3/4	504.39	3/4	216.50	3/4	3/4		3/4		3/4
1	1,928.90	1	1,641.80	1	1,354.22	1	1,066.90	1	784.46	1	498.40	1	210.50	1	1		1		1
1/4	1,922.93	1/4	1,635.81	1/4	1,348.23	1/4	1,060.92	1/4	778.63	1/4	492.42	1/4	204.50	1/4	1/4		1/4		1/4
1/2	1,916.96	1/2	1,629.82	1/2	1,342.24	1/2	1,054.94	1/2	772.80	1/2	486.43	1/2	198.49	1/2	1/2		1/2		1/2
3/4	1,911.00	3/4	1,623.83	3/4	1,336.24	3/4	1,048.96	3/4	766.98	3/4	480.45	3/4	192.49	3/4	3/4		3/4		3/4
2	1,905.03	2	1,617.84	2	1,330.25	2	1,042.98	2	761.15	2	474.47	2	186.49	2	2		2		2
1/4	1,899.06	1/4	1,611.84	1/4	1,324.26	1/4	1,037.00	1/4	755.32	1/4	468.48	1/4	180.48	1/4	1/4		1/4		1/4
1/2	1,893.09	1/2	1,605.85	1/2	1,318.27	1/2	1,031.00	1/2	749.50	1/2	462.50	1/2	174.48	1/2	1/2		1/2		1/2
3/4	1,887.12	3/4	1,599.86	3/4	1,312.28	3/4	1,025.01	3/4	743.67	3/4	456.52	3/4	168.48	3/4	3/4		3/4		3/4
3	1,881.15	3	1,593.87	3	1,306.29	3	1,019.02	3	737.84	3	450.54	3	162.48	3	3		3		3
1/4	1,875.19	1/4	1,587.88	1/4	1,300.30	1/4	1,013.02	1/4	732.02	1/4	444.55	1/4	156.47	1/4	1/4		1/4		1/4
1/2	1,869.22	1/2	1,581.89	1/2	1,294.30	1/2	1,007.03	1/2	726.02	1/2	438.56	1/2	150.47	1/2	1/2		1/2		1/2
3/4	1,863.25	3/4	1,575.90	3/4	1,288.31	3/4	1,001.04	3/4	720.03	3/4	432.56	3/4	144.47	3/4	3/4		3/4		3/4
4	1,857.28	4	1,569.90	4	1,282.32	4	995.05	4	714.03	4	426.57	4	138.47	4	4		4		4
1/4	1,851.31	1/4	1,563.91	1/4	1,276.33	1/4	989.05	1/4	708.04	1/4	420.58	1/4	132.46	1/4	1/4		1/4		1/4
1/2	1,845.34	1/2	1,557.92	1/2	1,270.34	1/2	983.06	1/2	702.04	1/2	414.58	1/2	126.46	1/2	1/2		1/2		1/2
3/4	1,839.38	3/4	1,551.93	3/4	1,264.35	3/4	977.07	3/4	696.05	3/4	408.58	3/4	120.46	3/4	3/4		3/4		3/4
5	1,833.41	5	1,545.94	5	1,258.36	5	971.07	5	690.05	5	402.58	5	114.45	5	5		5		5
1/4	1,827.44	1/4	1,539.95	1/4	1,252.37	1/4	965.08	1/4	684.06	1/4	396.58	1/4	108.45	1/4	1/4		1/4		1/4
1/2	1,821.47	1/2	1,533.96	1/2	1,246.37	1/2	959.25	1/2	678.06	1/2	390.58	1/2	102.45	1/2	1/2		1/2		1/2
3/4	1,815.50	3/4	1,527.97	3/4	1,240.38	3/4	953.43	3/4	672.06	3/4	384.58	3/4	96.45	3/4	3/4		3/4		3/4
6	1,809.53	6	1,521.97	6	1,234.39	6	947.60	6	666.07	6	378.57	6	90.44	6	6		6		6
1/4	1,803.57	1/4	1,515.98	1/4	1,228.40	1/4	941.77	1/4	660.07	1/4	372.57	1/4	84.44	1/4	1/4		1/4		1/4
1/2	1,797.57	1/2	1,509.99	1/2	1,222.42	1/2	935.95	1/2	654.08	1/2	366.57	1/2	78.44	1/2	1/2		1/2		1/2
3/4	1,791.58	3/4	1,504.00	3/4	1,216.44	3/4	930.12	3/4	648.08	3/4	360.57	3/4	72.44	3/4	3/4		3/4		3/4
7	1,785.59	7	1,498.01	7	1,210.46	7	924.29	7	642.09	7	354.56	7	66.43	7	7		7		7
1/4	1,779.60	1/4	1,492.02	1/4	1,204.47	1/4	918.47	1/4	636.09	1/4	348.56	1/4	60.43	1/4	1/4		1/4		1/4
1/2	1,773.61	1/2	1,486.03	1/2	1,198.49	1/2	912.64	1/2	630.11	1/2	342.56	1/2	54.43	1/2	1/2		1/2		1/2
3/4	1,767.62	3/4	1,480.04	3/4	1,192.51	3/4	906.81	3/4	624.12	3/4	336.55	3/4	48.43	3/4	3/4		3/4		3/4
8	1,761.63	8	1,474.04	8	1,186.53	8	900.99	8	618.13	8	330.55	8	42.42	8	8		8		8
1/4	1,755.63	1/4	1,468.05	1/4	1,180.55	1/4	895.16	1/4	612.15	1/4	324.55	1/4	36.42	1/4	1/4		1/4		1/4
1/2	1,749.64	1/2	1,462.06	1/2	1,174.57	1/2	889.34	1/2	606.16	1/2	318.55	1/2	31.42	1/2	1/2		1/2		1/2
3/4	1,743.65	3/4	1,456.07	3/4	1,168.59	3/4	883.51	3/4	600.17	3/4	312.54	3/4	26.42	3/4	3/4		3/4		3/4
9	1,737.66	9	1,450.08	9	1,162.61	9	877.68	9	594.19	9	306.54	9	21.41	9	9		9		9
1/4	1,731.67	1/4	1,444.09	1/4	1,156.62	1/4	871.86	1/4	588.20	1/4	300.54	1/4	16.41	1/4	1/4		1/4		1/4
1/2	1,725.68	1/2	1,438.10	1/2	1,150.64	1/2	866.03	1/2	582.21	1/2	294.54	1/2	13.41	1/2	1/2		1/2		1/2
3/4	1,719.69	3/4	1,432.10	3/4	1,144.66	3/4	860.20	3/4	576.22	3/4	288.53	3/4	10.41	3/4	3/4		3/4		3/4
10	1,713.70	10	1,426.11	10	1,138.68	10	854.38	10	570.24	10	282.53	10	7.41	10	10		10		10
1/4	1,707.70	1/4	1,420.12	1/4	1,132.70	1/4	848.55	1/4	564.25	1/4	276.53	1/4	4.41	1/4	1/4		1/4		1/4
1/2	1,701.71	1/2	1,414.13	1/2	1,126.72	1/2	842.72	1/2	558.26	1/2	270.53	1/2	3.41	1/2	1/2		1/2		1/2
3/4	1,695.72	3/4	1,408.14	3/4	1,120.74	3/4	836.90	3/4	552.28	3/4	264.52	3/4	2.41	3/4	3/4		3/4		3/4
11	1,689.73	11	1,402.15	11	1,114.75	11	831.07	11	546.29	11	258.52	11	1.41	11	11		11		11
1/4	1,683.74	1/4	1,396.16	1/4	1,108.77	1/4	825.24	1/4	540.30	1/4	252.52	1/4	0.41	1/4	1/4		1/4		1/4
1/2	1,677.75	1/2	1,390.17	1/2	1,102.79	1/2	819.42	1/2	534.32	1/2	246.51	1/2		1/2	1/2		1/2		1/2
3/4	1,671.76	3/4	1,384.17	3/4	1,096.81	3/4	813.59	3/4	528.33	3/4	240.51	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 07/31/2008 CL - SW
RECALCULATED: 09/12/2023 CL
REPRINTED: 09/12/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 09/2023

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