



BARGE "KIRBY 29096"

ULLAGE TRIM TABLE (HERMETIC)
FORMERLY "BOI L2"

	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	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
3 PORT	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 STBD	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	00-3/4	- 00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

November 8, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29096"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0	4,868.93	0	4,513.06	0	4,155.52	0	3,797.42	0	3,439.31	0	3,081.21	0	2,722.99
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,861.53	1/4	4,505.62	1/4	4,148.06	1/4	3,789.96	1/4	3,431.85	1/4	3,073.75	1/4	2,715.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,854.13	1/2	4,498.18	1/2	4,140.60	1/2	3,782.50	1/2	3,424.39	1/2	3,066.29	1/2	2,708.06
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,846.73	3/4	4,490.74	3/4	4,133.14	3/4	3,775.04	3/4	3,416.93	3/4	3,058.83	3/4	2,700.59
1		1		1		1	4,839.32	1	4,483.30	1	4,125.68	1	3,767.58	1	3,409.47	1	3,051.37	1	2,693.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,831.92	1/4	4,475.87	1/4	4,118.22	1/4	3,760.12	1/4	3,402.01	1/4	3,043.91	1/4	2,685.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,824.52	1/2	4,468.43	1/2	4,110.76	1/2	3,752.65	1/2	3,394.55	1/2	3,036.45	1/2	2,678.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,817.12	3/4	4,460.99	3/4	4,103.30	3/4	3,745.19	3/4	3,387.09	3/4	3,028.99	3/4	2,670.73
2		2		2		2	4,809.72	2	4,453.55	2	4,095.84	2	3,737.73	2	3,379.63	2	3,021.53	2	2,663.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,802.32	1/4	4,446.11	1/4	4,088.38	1/4	3,730.27	1/4	3,372.17	1/4	3,014.07	1/4	2,655.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,794.92	1/2	4,438.67	1/2	4,080.92	1/2	3,722.81	1/2	3,364.71	1/2	3,006.60	1/2	2,648.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,787.52	3/4	4,431.23	3/4	4,073.46	3/4	3,715.35	3/4	3,357.25	3/4	2,999.14	3/4	2,640.88
3		3		3		3	4,780.12	3	4,423.79	3	4,066.00	3	3,707.89	3	3,349.79	3	2,991.68	3	2,633.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,772.72	1/4	4,416.36	1/4	4,058.54	1/4	3,700.43	1/4	3,342.33	1/4	2,984.22	1/4	2,625.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,765.32	1/2	4,408.92	1/2	4,051.07	1/2	3,692.97	1/2	3,334.87	1/2	2,976.76	1/2	2,618.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,757.92	3/4	4,401.48	3/4	4,043.61	3/4	3,685.51	3/4	3,327.41	3/4	2,969.30	3/4	2,611.02
4		4		4		4	4,750.52	4	4,394.04	4	4,036.15	4	3,678.05	4	3,319.95	4	2,961.84	4	2,603.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,743.12	1/4	4,386.60	1/4	4,028.69	1/4	3,670.59	1/4	3,312.49	1/4	2,954.38	1/4	2,596.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,735.73	1/2	4,379.16	1/2	4,021.23	1/2	3,663.13	1/2	3,305.02	1/2	2,946.92	1/2	2,588.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,728.33	3/4	4,371.72	3/4	4,013.77	3/4	3,655.67	3/4	3,297.56	3/4	2,939.46	3/4	2,581.16
5		5		5		5	4,720.93	5	4,364.28	5	4,006.31	5	3,648.21	5	3,290.10	5	2,932.00	5	2,573.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,713.53	1/4	4,356.84	1/4	3,998.85	1/4	3,640.75	1/4	3,282.64	1/4	2,924.54	1/4	2,566.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,706.13	1/2	4,349.41	1/2	3,991.39	1/2	3,633.29	1/2	3,275.18	1/2	2,917.07	1/2	2,558.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,698.73	3/4	4,341.97	3/4	3,983.93	3/4	3,625.83	3/4	3,267.72	3/4	2,909.60	3/4	2,551.30
6		6		6		6	4,691.33	6	4,334.53	6	3,976.47	6	3,618.37	6	3,260.26	6	2,902.14	6	2,543.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,683.93	1/4	4,327.08	1/4	3,969.01	1/4	3,610.91	1/4	3,252.80	1/4	2,894.67	1/4	2,536.37
1/2	1/2	1/2	5,016.08	1/2	4,676.53	1/2	4,319.63	1/2	3,961.55	1/2	3,603.44	1/2	3,245.34	1/2	2,887.21	1/2	2,887.21	1/2	2,528.91
3/4	3/4	3/4	5,011.34	3/4	4,669.13	3/4	4,312.18	3/4	3,954.09	3/4	3,595.98	3/4	3,237.88	3/4	2,879.74	3/4	2,879.74	3/4	2,521.44
7		7	5,006.61	7	4,661.74	7	4,304.73	7	3,946.63	7	3,588.52	7	3,230.42	7	2,872.28	7	2,872.28	7	2,513.98
1/4	1/4	1/4	5,001.34	1/4	4,654.33	1/4	4,297.27	1/4	3,939.17	1/4	3,581.06	1/4	3,222.96	1/4	2,864.81	1/4	2,864.81	1/4	2,506.52
1/2	1/2	1/2	4,995.53	1/2	4,646.91	1/2	4,289.81	1/2	3,931.71	1/2	3,573.60	1/2	3,215.50	1/2	2,857.35	1/2	2,857.35	1/2	2,499.05
3/4	3/4	3/4	4,989.73	3/4	4,639.49	3/4	4,282.35	3/4	3,924.25	3/4	3,566.14	3/4	3,208.04	3/4	2,849.88	3/4	2,849.88	3/4	2,491.59
8		8	4,983.93	8	4,632.07	8	4,274.89	8	3,916.79	8	3,558.68	8	3,200.58	8	2,842.42	8	2,842.42	8	2,484.12
1/4	1/4	1/4	4,977.62	1/4	4,624.64	1/4	4,267.43	1/4	3,909.33	1/4	3,551.22	1/4	3,193.12	1/4	2,834.95	1/4	2,834.95	1/4	2,476.66
1/2	1/2	1/2	4,970.82	1/2	4,617.20	1/2	4,259.97	1/2	3,901.86	1/2	3,543.76	1/2	3,185.66	1/2	2,827.49	1/2	2,827.49	1/2	2,469.19
3/4	3/4	3/4	4,964.01	3/4	4,609.76	3/4	4,252.51	3/4	3,894.40	3/4	3,536.30	3/4	3,178.20	3/4	2,820.02	3/4	2,820.02	3/4	2,461.73
9		9	4,957.21	9	4,602.33	9	4,245.05	9	3,886.94	9	3,528.84	9	3,170.74	9	2,812.56	9	2,812.56	9	2,454.26
1/4	1/4	1/4	4,950.14	1/4	4,594.89	1/4	4,237.59	1/4	3,879.48	1/4	3,521.38	1/4	3,163.28	1/4	2,805.10	1/4	2,805.10	1/4	2,446.80
1/2	1/2	1/2	4,942.80	1/2	4,587.45	1/2	4,230.13	1/2	3,872.02	1/2	3,513.92	1/2	3,155.81	1/2	2,797.63	1/2	2,797.63	1/2	2,439.34
3/4	3/4	3/4	4,935.46	3/4	4,580.01	3/4	4,222.67	3/4	3,864.56	3/4	3,506.46	3/4	3,148.35	3/4	2,790.17	3/4	2,790.17	3/4	2,431.87
10		10	4,928.13	10	4,572.57	10	4,215.21	10	3,857.10	10	3,499.00	10	3,140.89	10	2,782.70	10	2,782.70	10	2,424.41
1/4	1/4	1/4	4,920.76	1/4	4,565.13	1/4	4,207.75	1/4	3,849.64	1/4	3,491.54	1/4	3,133.43	1/4	2,775.24	1/4	2,775.24	1/4	2,416.94
1/2	1/2	1/2	4,913.35	1/2	4,557.69	1/2	4,200.28	1/2	3,842.18	1/2	3,484.08	1/2	3,125.97	1/2	2,767.77	1/2	2,767.77	1/2	2,409.48
3/4	3/4	3/4	4,905.95	3/4	4,550.25	3/4	4,192.82	3/4	3,834.72	3/4	3,476.62	3/4	3,118.51	3/4	2,760.31	3/4	2,760.31	3/4	2,402.01
11		11	4,898.55	11	4,542.81	11	4,185.36	11	3,827.26	11	3,469.16	11	3,111.05	11	2,752.84	11	2,752.84	11	2,394.55
1/4	1/4	1/4	4,891.14	1/4	4,535.38	1/4	4,177.90	1/4	3,819.80	1/4	3,461.70	1/4	3,103.59	1/4	2,745.38	1/4	2,745.38	1/4	2,387.08
1/2	1/2	1/2	4,883.74	1/2	4,527.94	1/2	4,170.44	1/2	3,812.34	1/2	3,454.23	1/2	3,096.13	1/2	2,737.92	1/2	2,737.92	1/2	2,379.62
3/4	3/4	3/4	4,876.34	3/4	4,520.50	3/4	4,162.98	3/4	3,804.88	3/4	3,446.77	3/4	3,088.67	3/4	2,730.45	3/4	2,730.45	3/4	2,372.15

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'-06" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29096"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

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	2,364.69	0	2,006.39	0	1,648.10	0	1,289.80	0	932.58	0	575.43	0	238.07	0		0		0	
1/4	2,357.23	1/4	1,998.93	1/4	1,640.63	1/4	1,282.34	1/4	925.16	1/4	567.98	1/4	231.53	1/4	1/4		1/4		1/4
1/2	2,349.76	1/2	1,991.47	1/2	1,633.17	1/2	1,274.87	1/2	917.75	1/2	560.53	1/2	225.02	1/2	1/2		1/2		1/2
3/4	2,342.30	3/4	1,984.00	3/4	1,625.70	3/4	1,267.41	3/4	910.33	3/4	553.09	3/4	218.52	3/4	3/4		3/4		3/4
1	2,334.83	1	1,976.54	1	1,618.24	1	1,259.94	1	902.92	1	545.65	1	212.02	1	1		1		1
1/4	2,327.37	1/4	1,969.07	1/4	1,610.78	1/4	1,252.48	1/4	895.51	1/4	538.24	1/4	205.56	1/4	1/4		1/4		1/4
1/2	2,319.90	1/2	1,961.61	1/2	1,603.31	1/2	1,245.02	1/2	888.09	1/2	530.86	1/2	199.14	1/2	1/2		1/2		1/2
3/4	2,312.44	3/4	1,954.14	3/4	1,595.85	3/4	1,237.55	3/4	880.68	3/4	523.48	3/4	192.72	3/4	3/4		3/4		3/4
2	2,304.97	2	1,946.68	2	1,588.38	2	1,230.09	2	873.27	2	516.10	2	186.30	2	2		2		2
1/4	2,297.51	1/4	1,939.21	1/4	1,580.92	1/4	1,222.62	1/4	865.85	1/4	508.76	1/4	179.91	1/4	1/4		1/4		1/4
1/2	2,290.05	1/2	1,931.75	1/2	1,573.45	1/2	1,215.16	1/2	858.44	1/2	501.46	1/2	173.57	1/2	1/2		1/2		1/2
3/4	2,282.58	3/4	1,924.28	3/4	1,565.99	3/4	1,207.69	3/4	851.03	3/4	494.16	3/4	167.22	3/4	3/4		3/4		3/4
3	2,275.12	3	1,916.82	3	1,558.52	3	1,200.23	3	843.61	3	486.86	3	160.88	3	3		3		3
1/4	2,267.65	1/4	1,909.36	1/4	1,551.06	1/4	1,192.76	1/4	836.20	1/4	479.60	1/4	154.57	1/4	1/4		1/4		1/4
1/2	2,260.19	1/2	1,901.89	1/2	1,543.60	1/2	1,185.30	1/2	828.78	1/2	472.38	1/2	148.29	1/2	1/2		1/2		1/2
3/4	2,252.72	3/4	1,894.43	3/4	1,536.13	3/4	1,177.83	3/4	821.37	3/4	465.16	3/4	142.02	3/4	3/4		3/4		3/4
4	2,245.26	4	1,886.96	4	1,528.67	4	1,170.37	4	813.96	4	457.94	4	135.75	4	4		4		4
1/4	2,237.79	1/4	1,879.50	1/4	1,521.20	1/4	1,162.91	1/4	806.54	1/4	450.76	1/4	129.52	1/4	1/4		1/4		1/4
1/2	2,230.33	1/2	1,872.03	1/2	1,513.74	1/2	1,155.44	1/2	799.13	1/2	443.63	1/2	123.32	1/2	1/2		1/2		1/2
3/4	2,222.86	3/4	1,864.57	3/4	1,506.27	3/4	1,147.98	3/4	791.72	3/4	436.49	3/4	117.13	3/4	3/4		3/4		3/4
5	2,215.40	5	1,857.10	5	1,498.81	5	1,140.51	5	784.30	5	429.35	5	110.94	5	5		5		5
1/4	2,207.94	1/4	1,849.64	1/4	1,491.34	1/4	1,133.06	1/4	776.88	1/4	422.25	1/4	104.79	1/4	1/4		1/4		1/4
1/2	2,200.47	1/2	1,842.18	1/2	1,483.88	1/2	1,125.61	1/2	769.44	1/2	415.20	1/2	98.68	1/2	1/2		1/2		1/2
3/4	2,193.01	3/4	1,834.71	3/4	1,476.41	3/4	1,118.16	3/4	762.00	3/4	408.14	3/4	92.57	3/4	3/4		3/4		3/4
6	2,185.54	6	1,827.25	6	1,468.95	6	1,110.71	6	754.56	6	401.09	6	86.45	6	6		6		6
1/4	2,178.08	1/4	1,819.78	1/4	1,461.49	1/4	1,103.26	1/4	747.11	1/4	394.07	1/4	80.38	1/4	1/4		1/4		1/4
1/2	2,170.61	1/2	1,812.32	1/2	1,454.02	1/2	1,095.83	1/2	739.64	1/2	387.10	1/2	74.35	1/2	1/2		1/2		1/2
3/4	2,163.15	3/4	1,804.85	3/4	1,446.56	3/4	1,088.39	3/4	732.18	3/4	380.12	3/4	68.32	3/4	3/4		3/4		3/4
7	2,155.68	7	1,797.39	7	1,439.09	7	1,080.96	7	724.71	7	373.15	7	62.29	7	7		7		7
1/4	2,148.22	1/4	1,789.92	1/4	1,431.63	1/4	1,073.53	1/4	717.25	1/4	366.21	1/4	56.54	1/4	1/4		1/4		1/4
1/2	2,140.76	1/2	1,782.46	1/2	1,424.16	1/2	1,066.10	1/2	709.79	1/2	359.31	1/2	51.05	1/2	1/2		1/2		1/2
3/4	2,133.29	3/4	1,774.99	3/4	1,416.70	3/4	1,058.67	3/4	702.32	3/4	352.41	3/4	45.57	3/4	3/4		3/4		3/4
8	2,125.83	8	1,767.53	8	1,409.23	8	1,051.24	8	694.86	8	345.51	8	40.09	8	8		8		8
1/4	2,118.36	1/4	1,760.07	1/4	1,401.77	1/4	1,043.82	1/4	687.39	1/4	338.65	1/4	35.35	1/4	1/4		1/4		1/4
1/2	2,110.90	1/2	1,752.60	1/2	1,394.31	1/2	1,036.40	1/2	679.93	1/2	331.82	1/2	31.35	1/2	1/2		1/2		1/2
3/4	2,103.43	3/4	1,745.14	3/4	1,386.84	3/4	1,028.98	3/4	672.46	3/4	325.00	3/4	27.35	3/4	3/4		3/4		3/4
9	2,095.97	9	1,737.67	9	1,379.38	9	1,021.56	9	665.00	9	318.17	9	23.35	9	9		9		9
1/4	2,088.50	1/4	1,730.21	1/4	1,371.91	1/4	1,014.14	1/4	657.54	1/4	311.38	1/4	19.89	1/4	1/4		1/4		1/4
1/2	2,081.04	1/2	1,722.74	1/2	1,364.45	1/2	1,006.72	1/2	650.07	1/2	304.64	1/2	16.98	1/2	1/2		1/2		1/2
3/4	2,073.57	3/4	1,715.28	3/4	1,356.98	3/4	999.30	3/4	642.61	3/4	297.89	3/4		3/4	3/4		3/4		3/4
10	2,066.11	10	1,707.81	10	1,349.52	10	991.89	10	635.14	10	291.15	10		10	10		10		10
1/4	2,058.65	1/4	1,700.35	1/4	1,342.05	1/4	984.47	1/4	627.68	1/4	284.44	1/4		1/4	1/4		1/4		1/4
1/2	2,051.18	1/2	1,692.89	1/2	1,334.59	1/2	977.06	1/2	620.21	1/2	277.78	1/2		1/2	1/2		1/2		1/2
3/4	2,043.72	3/4	1,685.42	3/4	1,327.12	3/4	969.64	3/4	612.75	3/4	271.11	3/4		3/4	3/4		3/4		3/4
11	2,036.25	11	1,677.96	11	1,319.66	11	962.23	11	605.29	11	264.45	11		11	11		11		11
1/4	2,028.79	1/4	1,670.49	1/4	1,312.20	1/4	954.82	1/4	597.82	1/4	257.82	1/4		1/4	1/4		1/4		1/4
1/2	2,021.32	1/2	1,663.03	1/2	1,304.73	1/2	947.40	1/2	590.36	1/2	251.24	1/2		1/2	1/2		1/2		1/2
3/4	2,013.86	3/4	1,655.56	3/4	1,297.27	3/4	939.99	3/4	582.89	3/4	244.65	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29096"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,870.61	0	4,514.74	0	4,157.19	0	3,799.10	0	3,441.00	0	3,082.91	0	2,724.70
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,863.21	1/4	4,507.30	1/4	4,149.73	1/4	3,791.64	1/4	3,433.54	1/4	3,075.45	1/4	2,717.23
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,855.80	1/2	4,499.86	1/2	4,142.27	1/2	3,784.18	1/2	3,426.08	1/2	3,067.99	1/2	2,709.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,848.40	3/4	4,492.42	3/4	4,134.81	3/4	3,776.72	3/4	3,418.62	3/4	3,060.53	3/4	2,702.31
1		1		1		1	4,841.00	1	4,484.98	1	4,127.35	1	3,769.26	1	3,411.16	1	3,053.07	1	2,694.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,833.60	1/4	4,477.54	1/4	4,119.89	1/4	3,761.80	1/4	3,403.70	1/4	3,045.61	1/4	2,687.38
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,826.20	1/2	4,470.11	1/2	4,112.43	1/2	3,754.34	1/2	3,396.24	1/2	3,038.15	1/2	2,679.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,818.79	3/4	4,462.67	3/4	4,104.97	3/4	3,746.88	3/4	3,388.78	3/4	3,030.69	3/4	2,672.45
2		2		2		2	4,811.39	2	4,455.23	2	4,097.51	2	3,739.42	2	3,381.32	2	3,023.23	2	2,664.98
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,803.99	1/4	4,447.79	1/4	4,090.05	1/4	3,731.96	1/4	3,373.86	1/4	3,015.77	1/4	2,657.52
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,796.60	1/2	4,440.35	1/2	4,082.59	1/2	3,724.50	1/2	3,366.40	1/2	3,008.31	1/2	2,650.05
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,789.20	3/4	4,432.91	3/4	4,075.13	3/4	3,717.04	3/4	3,358.94	3/4	3,000.85	3/4	2,642.59
3		3		3		3	4,781.80	3	4,425.47	3	4,067.67	3	3,709.58	3	3,351.48	3	2,993.39	3	2,635.13
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,774.40	1/4	4,418.04	1/4	4,060.21	1/4	3,702.11	1/4	3,344.02	1/4	2,985.93	1/4	2,627.66
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,767.00	1/2	4,410.60	1/2	4,052.75	1/2	3,694.65	1/2	3,336.56	1/2	2,978.47	1/2	2,620.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,759.60	3/4	4,403.16	3/4	4,045.29	3/4	3,687.19	3/4	3,329.10	3/4	2,971.01	3/4	2,612.73
4		4		4		4	4,752.20	4	4,395.72	4	4,037.83	4	3,679.73	4	3,321.64	4	2,963.55	4	2,605.27
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,744.80	1/4	4,388.28	1/4	4,030.37	1/4	3,672.27	1/4	3,314.18	1/4	2,956.08	1/4	2,597.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,737.40	1/2	4,380.84	1/2	4,022.91	1/2	3,664.81	1/2	3,306.72	1/2	2,948.62	1/2	2,590.34
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,730.00	3/4	4,373.40	3/4	4,015.45	3/4	3,657.35	3/4	3,299.26	3/4	2,941.16	3/4	2,582.87
5		5		5		5	4,722.61	5	4,365.96	5	4,007.99	5	3,649.89	5	3,291.80	5	2,933.70	5	2,575.41
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,715.21	1/4	4,358.53	1/4	4,000.53	1/4	3,642.43	1/4	3,284.34	1/4	2,926.24	1/4	2,567.95
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,707.81	1/2	4,351.09	1/2	3,993.07	1/2	3,634.97	1/2	3,276.88	1/2	2,918.78	1/2	2,560.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,700.41	3/4	4,343.65	3/4	3,985.61	3/4	3,627.51	3/4	3,269.42	3/4	2,911.31	3/4	2,553.02
6		6		6		6	4,693.01	6	4,336.21	6	3,978.15	6	3,620.05	6	3,261.96	6	2,903.84	6	2,545.55
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,685.61	1/4	4,328.76	1/4	3,970.69	1/4	3,612.59	1/4	3,254.50	1/4	2,896.38	1/4	2,538.09
1/2	1/2	1/2	5,017.74	1/2	4,678.21	1/2	4,321.31	1/2	3,963.23	1/2	3,605.13	1/2	3,247.04	1/2	2,888.92	1/2	2,530.62	1/2	2,530.62
3/4	3/4	3/4	5,013.00	3/4	4,670.81	3/4	4,313.85	3/4	3,955.77	3/4	3,597.67	3/4	3,239.58	3/4	2,881.45	3/4	2,523.16	3/4	2,523.16
7		7	5,008.27	7	4,663.41	7	4,306.40	7	3,948.30	7	3,590.21	7	3,232.12	7	2,873.99	7	2,515.70	7	2,515.70
1/4	1/4	1/4	5,003.00	1/4	4,656.00	1/4	4,298.94	1/4	3,940.84	1/4	3,582.75	1/4	3,224.66	1/4	2,866.52	1/4	2,508.23	1/4	2,508.23
1/2	1/2	1/2	4,997.19	1/2	4,648.59	1/2	4,291.48	1/2	3,933.38	1/2	3,575.29	1/2	3,217.20	1/2	2,859.06	1/2	2,500.77	1/2	2,500.77
3/4	3/4	3/4	4,991.39	3/4	4,641.17	3/4	4,284.02	3/4	3,925.92	3/4	3,567.83	3/4	3,209.74	3/4	2,851.59	3/4	2,493.30	3/4	2,493.30
8		8	4,985.58	8	4,633.75	8	4,276.56	8	3,918.46	8	3,560.37	8	3,202.27	8	2,844.13	8	2,485.84	8	2,485.84
1/4	1/4	1/4	4,979.28	1/4	4,626.32	1/4	4,269.10	1/4	3,911.00	1/4	3,552.91	1/4	3,194.81	1/4	2,836.66	1/4	2,478.37	1/4	2,478.37
1/2	1/2	1/2	4,972.48	1/2	4,618.88	1/2	4,261.64	1/2	3,903.54	1/2	3,545.45	1/2	3,187.35	1/2	2,829.20	1/2	2,470.91	1/2	2,470.91
3/4	3/4	3/4	4,965.68	3/4	4,611.44	3/4	4,254.18	3/4	3,896.08	3/4	3,537.99	3/4	3,179.89	3/4	2,821.74	3/4	2,463.44	3/4	2,463.44
9		9	4,958.88	9	4,604.00	9	4,246.72	9	3,888.62	9	3,530.53	9	3,172.43	9	2,814.27	9	2,455.98	9	2,455.98
1/4	1/4	1/4	4,951.81	1/4	4,596.56	1/4	4,239.26	1/4	3,881.16	1/4	3,523.07	1/4	3,164.97	1/4	2,806.81	1/4	2,448.52	1/4	2,448.52
1/2	1/2	1/2	4,944.47	1/2	4,589.13	1/2	4,231.80	1/2	3,873.70	1/2	3,515.61	1/2	3,157.51	1/2	2,799.34	1/2	2,441.05	1/2	2,441.05
3/4	3/4	3/4	4,937.14	3/4	4,581.69	3/4	4,224.34	3/4	3,866.24	3/4	3,508.15	3/4	3,150.05	3/4	2,791.88	3/4	2,433.59	3/4	2,433.59
10		10	4,929.80	10	4,574.25	10	4,216.88	10	3,858.78	10	3,500.69	10	3,142.59	10	2,784.41	10	2,426.12	10	2,426.12
1/4	1/4	1/4	4,922.43	1/4	4,566.81	1/4	4,209.42	1/4	3,851.32	1/4	3,493.23	1/4	3,135.13	1/4	2,776.95	1/4	2,418.66	1/4	2,418.66
1/2	1/2	1/2	4,915.03	1/2	4,559.37	1/2	4,201.96	1/2	3,843.86	1/2	3,485.77	1/2	3,127.67	1/2	2,769.48	1/2	2,411.19	1/2	2,411.19
3/4	3/4	3/4	4,907.63	3/4	4,551.93	3/4	4,194.49	3/4	3,836.40	3/4	3,478.31	3/4	3,120.21	3/4	2,762.02	3/4	2,403.73	3/4	2,403.73
11		11	4,900.22	11	4,544.49	11	4,187.03	11	3,828.94	11	3,470.85	11	3,112.75	11	2,754.56	11	2,396.26	11	2,396.26
1/4	1/4	1/4	4,892.82	1/4	4,537.05	1/4	4,179.57	1/4	3,821.48	1/4	3,463.39	1/4	3,105.29	1/4	2,747.09	1/4	2,388.80	1/4	2,388.80
1/2	1/2	1/2	4,885.42	1/2	4,529.62	1/2	4,172.11	1/2	3,814.02	1/2	3,455.92	1/2	3,097.83	1/2	2,739.63	1/2	2,381.34	1/2	2,381.34
3/4	3/4	3/4	4,878.01	3/4	4,522.18	3/4	4,164.65	3/4	3,806.56	3/4	3,448.46	3/4	3,090.37	3/4	2,732.16	3/4	2,373.87	3/4	2,373.87

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'-06" OFF CENTERLINE AND 45'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092

Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 29096"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

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	2,366.41	0	2,008.12	0	1,649.82	0	1,291.53	0	933.42	0	575.45	0	238.13	0		0		0	
1/4	2,358.94	1/4	2,000.65	1/4	1,642.36	1/4	1,284.07	1/4	925.97	1/4	568.00	1/4	231.59	1/4	1/4		1/4		1/4
1/2	2,351.48	1/2	1,993.19	1/2	1,634.90	1/2	1,276.60	1/2	918.52	1/2	560.56	1/2	225.08	1/2	1/2		1/2		1/2
3/4	2,344.01	3/4	1,985.72	3/4	1,627.43	3/4	1,269.14	3/4	911.07	3/4	553.12	3/4	218.58	3/4	3/4		3/4		3/4
1	2,336.55	1	1,978.26	1	1,619.97	1	1,261.68	1	903.62	1	545.68	1	212.08	1	1		1		1
1/4	2,329.09	1/4	1,970.79	1/4	1,612.50	1/4	1,254.21	1/4	896.17	1/4	538.28	1/4	205.61	1/4	1/4		1/4		1/4
1/2	2,321.62	1/2	1,963.33	1/2	1,605.04	1/2	1,246.75	1/2	888.72	1/2	530.91	1/2	199.19	1/2	1/2		1/2		1/2
3/4	2,314.16	3/4	1,955.87	3/4	1,597.57	3/4	1,239.28	3/4	881.27	3/4	523.53	3/4	192.77	3/4	3/4		3/4		3/4
2	2,306.69	2	1,948.40	2	1,590.11	2	1,231.82	2	873.82	2	516.16	2	186.35	2	2		2		2
1/4	2,299.23	1/4	1,940.94	1/4	1,582.65	1/4	1,224.35	1/4	866.37	1/4	508.83	1/4	179.96	1/4	1/4		1/4		1/4
1/2	2,291.76	1/2	1,933.47	1/2	1,575.18	1/2	1,216.89	1/2	858.92	1/2	501.53	1/2	173.62	1/2	1/2		1/2		1/2
3/4	2,284.30	3/4	1,926.01	3/4	1,567.72	3/4	1,209.43	3/4	851.47	3/4	494.23	3/4	167.27	3/4	3/4		3/4		3/4
3	2,276.83	3	1,918.54	3	1,560.25	3	1,201.96	3	844.02	3	486.94	3	160.92	3	3		3		3
1/4	2,269.37	1/4	1,911.08	1/4	1,552.79	1/4	1,194.50	1/4	836.57	1/4	479.68	1/4	154.61	1/4	1/4		1/4		1/4
1/2	2,261.91	1/2	1,903.61	1/2	1,545.32	1/2	1,187.03	1/2	829.12	1/2	472.46	1/2	148.34	1/2	1/2		1/2		1/2
3/4	2,254.44	3/4	1,896.15	3/4	1,537.86	3/4	1,179.57	3/4	821.67	3/4	465.24	3/4	142.06	3/4	3/4		3/4		3/4
4	2,246.98	4	1,888.69	4	1,530.39	4	1,172.10	4	814.22	4	458.02	4	135.79	4	4		4		4
1/4	2,239.51	1/4	1,881.22	1/4	1,522.93	1/4	1,164.64	1/4	806.77	1/4	450.84	1/4	129.56	1/4	1/4		1/4		1/4
1/2	2,232.05	1/2	1,873.76	1/2	1,515.47	1/2	1,157.17	1/2	799.31	1/2	443.71	1/2	123.36	1/2	1/2		1/2		1/2
3/4	2,224.58	3/4	1,866.29	3/4	1,508.00	3/4	1,149.71	3/4	791.86	3/4	436.57	3/4	117.17	3/4	3/4		3/4		3/4
5	2,217.12	5	1,858.83	5	1,500.54	5	1,142.25	5	784.41	5	429.43	5	110.98	5	5		5		5
1/4	2,209.65	1/4	1,851.36	1/4	1,493.07	1/4	1,134.78	1/4	776.96	1/4	422.33	1/4	104.82	1/4	1/4		1/4		1/4
1/2	2,202.19	1/2	1,843.90	1/2	1,485.61	1/2	1,127.32	1/2	769.50	1/2	415.28	1/2	98.71	1/2	1/2		1/2		1/2
3/4	2,194.73	3/4	1,836.43	3/4	1,478.14	3/4	1,119.85	3/4	762.04	3/4	408.22	3/4	92.60	3/4	3/4		3/4		3/4
6	2,187.26	6	1,828.97	6	1,470.68	6	1,112.39	6	754.59	6	401.16	6	86.48	6	6		6		6
1/4	2,179.80	1/4	1,821.51	1/4	1,463.21	1/4	1,104.92	1/4	747.13	1/4	394.15	1/4	80.41	1/4	1/4		1/4		1/4
1/2	2,172.33	1/2	1,814.04	1/2	1,455.75	1/2	1,097.46	1/2	739.66	1/2	387.17	1/2	74.38	1/2	1/2		1/2		1/2
3/4	2,164.87	3/4	1,806.58	3/4	1,448.29	3/4	1,089.99	3/4	732.20	3/4	380.20	3/4	68.35	3/4	3/4		3/4		3/4
7	2,157.40	7	1,799.11	7	1,440.82	7	1,082.53	7	724.73	7	373.22	7	62.32	7	7		7		7
1/4	2,149.94	1/4	1,791.65	1/4	1,433.36	1/4	1,075.07	1/4	717.27	1/4	366.29	1/4	56.56	1/4	1/4		1/4		1/4
1/2	2,142.48	1/2	1,784.18	1/2	1,425.89	1/2	1,067.61	1/2	709.81	1/2	359.39	1/2	51.07	1/2	1/2		1/2		1/2
3/4	2,135.01	3/4	1,776.72	3/4	1,418.43	3/4	1,060.15	3/4	702.34	3/4	352.49	3/4	45.59	3/4	3/4		3/4		3/4
8	2,127.55	8	1,769.26	8	1,410.96	8	1,052.68	8	694.88	8	345.59	8	40.11	8	8		8		8
1/4	2,120.08	1/4	1,761.79	1/4	1,403.50	1/4	1,045.22	1/4	687.41	1/4	338.72	1/4	35.36	1/4	1/4		1/4		1/4
1/2	2,112.62	1/2	1,754.33	1/2	1,396.04	1/2	1,037.77	1/2	679.95	1/2	331.89	1/2	31.36	1/2	1/2		1/2		1/2
3/4	2,105.15	3/4	1,746.86	3/4	1,388.57	3/4	1,030.31	3/4	672.48	3/4	325.07	3/4	27.36	3/4	3/4		3/4		3/4
9	2,097.69	9	1,739.40	9	1,381.11	9	1,022.85	9	665.02	9	318.24	9	23.36	9	9		9		9
1/4	2,090.22	1/4	1,731.93	1/4	1,373.64	1/4	1,015.39	1/4	657.56	1/4	311.45	1/4	19.90	1/4	1/4		1/4		1/4
1/2	2,082.76	1/2	1,724.47	1/2	1,366.18	1/2	1,007.94	1/2	650.09	1/2	304.71	1/2	16.98	1/2	1/2		1/2		1/2
3/4	2,075.30	3/4	1,717.00	3/4	1,358.71	3/4	1,000.48	3/4	642.63	3/4	297.96	3/4		3/4	3/4		3/4		3/4
10	2,067.83	10	1,709.54	10	1,351.25	10	993.03	10	635.16	10	291.21	10		10	10		10		10
1/4	2,060.37	1/4	1,702.08	1/4	1,343.78	1/4	985.58	1/4	627.70	1/4	284.51	1/4		1/4	1/4		1/4		1/4
1/2	2,052.90	1/2	1,694.61	1/2	1,336.32	1/2	978.13	1/2	620.23	1/2	277.84	1/2		1/2	1/2		1/2		1/2
3/4	2,045.44	3/4	1,687.15	3/4	1,328.86	3/4	970.68	3/4	612.77	3/4	271.18	3/4		3/4	3/4		3/4		3/4
11	2,037.97	11	1,679.68	11	1,321.39	11	963.23	11	605.31	11	264.51	11		11	11		11		11
1/4	2,030.51	1/4	1,672.22	1/4	1,313.93	1/4	955.78	1/4	597.84	1/4	257.88	1/4		1/4	1/4		1/4		1/4
1/2	2,023.04	1/2	1,664.75	1/2	1,306.46	1/2	948.32	1/2	590.38	1/2	251.30	1/2		1/2	1/2		1/2		1/2
3/4	2,015.58	3/4	1,657.29	3/4	1,299.00	3/4	940.87	3/4	582.91	3/4	244.71	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29096"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 3/4"

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

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'-06" OFF CENTERLINE AND 45'-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 29096"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 3/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,435.99	0	2,076.91	0	1,717.82	0	1,358.74	0	1,006.87	0	654.93	0	295.86	0		0		0	
1/4	2,428.51	1/4	2,069.43	1/4	1,710.34	1/4	1,351.26	1/4	999.69	1/4	647.45	1/4	288.38	1/4	1/4		1/4		1/4
1/2	2,421.03	1/2	2,061.95	1/2	1,702.86	1/2	1,343.78	1/2	992.51	1/2	639.97	1/2	280.90	1/2	1/2		1/2		1/2
3/4	2,413.55	3/4	2,054.46	3/4	1,695.38	3/4	1,336.30	3/4	985.34	3/4	632.49	3/4	273.41	3/4	3/4		3/4		3/4
1	2,406.07	1	2,046.98	1	1,687.90	1	1,328.82	1	978.16	1	625.01	1	265.93	1	1		1		1
1/4	2,398.59	1/4	2,039.50	1/4	1,680.42	1/4	1,321.34	1/4	970.98	1/4	617.53	1/4	258.45	1/4	1/4		1/4		1/4
1/2	2,391.10	1/2	2,032.02	1/2	1,672.94	1/2	1,313.86	1/2	963.81	1/2	610.05	1/2	250.97	1/2	1/2		1/2		1/2
3/4	2,383.62	3/4	2,024.54	3/4	1,665.46	3/4	1,306.37	3/4	956.63	3/4	602.57	3/4	243.49	3/4	3/4		3/4		3/4
2	2,376.14	2	2,017.06	2	1,657.98	2	1,298.89	2	949.45	2	595.08	2	236.01	2	2		2		2
1/4	2,368.66	1/4	2,009.58	1/4	1,650.50	1/4	1,291.41	1/4	942.27	1/4	587.60	1/4	228.53	1/4	1/4		1/4		1/4
1/2	2,361.18	1/2	2,002.10	1/2	1,643.01	1/2	1,283.93	1/2	935.10	1/2	580.12	1/2	221.05	1/2	1/2		1/2		1/2
3/4	2,353.70	3/4	1,994.62	3/4	1,635.53	3/4	1,276.45	3/4	927.92	3/4	572.64	3/4	213.57	3/4	3/4		3/4		3/4
3	2,346.22	3	1,987.14	3	1,628.05	3	1,268.97	3	920.74	3	565.16	3	206.09	3	3		3		3
1/4	2,338.74	1/4	1,979.66	1/4	1,620.57	1/4	1,261.49	1/4	913.57	1/4	557.68	1/4	198.61	1/4	1/4		1/4		1/4
1/2	2,331.26	1/2	1,972.17	1/2	1,613.09	1/2	1,254.01	1/2	906.39	1/2	550.20	1/2	191.13	1/2	1/2		1/2		1/2
3/4	2,323.78	3/4	1,964.69	3/4	1,605.61	3/4	1,246.53	3/4	899.21	3/4	542.72	3/4	183.65	3/4	3/4		3/4		3/4
4	2,316.30	4	1,957.21	4	1,598.13	4	1,239.05	4	892.03	4	535.24	4	176.17	4	4		4		4
1/4	2,308.81	1/4	1,949.73	1/4	1,590.65	1/4	1,231.57	1/4	884.86	1/4	527.76	1/4	168.68	1/4	1/4		1/4		1/4
1/2	2,301.33	1/2	1,942.25	1/2	1,583.17	1/2	1,224.08	1/2	877.68	1/2	520.28	1/2	161.20	1/2	1/2		1/2		1/2
3/4	2,293.85	3/4	1,934.77	3/4	1,575.69	3/4	1,216.60	3/4	870.50	3/4	512.80	3/4	153.72	3/4	3/4		3/4		3/4
5	2,286.37	5	1,927.29	5	1,568.21	5	1,209.12	5	863.33	5	505.32	5	146.24	5	5		5		5
1/4	2,278.89	1/4	1,919.81	1/4	1,560.72	1/4	1,201.64	1/4	856.15	1/4	497.84	1/4	138.76	1/4	1/4		1/4		1/4
1/2	2,271.41	1/2	1,912.33	1/2	1,553.24	1/2	1,194.23	1/2	848.90	1/2	490.35	1/2	131.28	1/2	1/2		1/2		1/2
3/4	2,263.93	3/4	1,904.85	3/4	1,545.76	3/4	1,186.89	3/4	841.57	3/4	482.87	3/4	123.80	3/4	3/4		3/4		3/4
6	2,256.45	6	1,897.37	6	1,538.28	6	1,179.55	6	834.24	6	475.39	6	116.32	6	6		6		6
1/4	2,248.97	1/4	1,889.88	1/4	1,530.80	1/4	1,172.21	1/4	826.91	1/4	467.91	1/4	108.84	1/4	1/4		1/4		1/4
1/2	2,241.49	1/2	1,882.40	1/2	1,523.32	1/2	1,164.94	1/2	819.51	1/2	460.43	1/2	101.36	1/2	1/2		1/2		1/2
3/4	2,234.01	3/4	1,874.92	3/4	1,515.84	3/4	1,157.74	3/4	812.02	3/4	452.95	3/4	93.88	3/4	3/4		3/4		3/4
7	2,226.52	7	1,867.44	7	1,508.36	7	1,150.55	7	804.54	7	445.47	7	86.40	7	7		7		7
1/4	2,219.04	1/4	1,859.96	1/4	1,500.88	1/4	1,143.35	1/4	797.06	1/4	437.99	1/4	78.92	1/4	1/4		1/4		1/4
1/2	2,211.56	1/2	1,852.48	1/2	1,493.40	1/2	1,136.15	1/2	789.58	1/2	430.51	1/2	71.67	1/2	1/2		1/2		1/2
3/4	2,204.08	3/4	1,845.00	3/4	1,485.92	3/4	1,128.96	3/4	782.10	3/4	423.03	3/4	64.66	3/4	3/4		3/4		3/4
8	2,196.60	8	1,837.52	8	1,478.43	8	1,121.77	8	774.62	8	415.55	8	57.64	8	8		8		8
1/4	2,189.12	1/4	1,830.04	1/4	1,470.95	1/4	1,114.58	1/4	767.14	1/4	408.07	1/4	50.63	1/4	1/4		1/4		1/4
1/2	2,181.64	1/2	1,822.56	1/2	1,463.47	1/2	1,107.39	1/2	759.66	1/2	400.59	1/2	44.32	1/2	1/2		1/2		1/2
3/4	2,174.16	3/4	1,815.08	3/4	1,455.99	3/4	1,100.20	3/4	752.18	3/4	393.11	3/4	38.71	3/4	3/4		3/4		3/4
9	2,166.68	9	1,807.59	9	1,448.51	9	1,093.02	9	744.70	9	385.62	9	33.10	9	9		9		9
1/4	2,159.20	1/4	1,800.11	1/4	1,441.03	1/4	1,085.84	1/4	737.22	1/4	378.14	1/4	27.49	1/4	1/4		1/4		1/4
1/2	2,151.72	1/2	1,792.63	1/2	1,433.55	1/2	1,078.65	1/2	729.74	1/2	370.66	1/2	22.81	1/2	1/2		1/2		1/2
3/4	2,144.23	3/4	1,785.15	3/4	1,426.07	3/4	1,071.47	3/4	722.26	3/4	363.18	3/4	19.07	3/4	3/4		3/4		3/4
10	2,136.75	10	1,777.67	10	1,418.59	10	1,064.29	10	714.78	10	355.70	10		10	10		10		10
1/4	2,129.27	1/4	1,770.19	1/4	1,411.11	1/4	1,057.11	1/4	707.30	1/4	348.22	1/4		1/4	1/4		1/4		1/4
1/2	2,121.79	1/2	1,762.71	1/2	1,403.63	1/2	1,049.93	1/2	699.81	1/2	340.74	1/2		1/2	1/2		1/2		1/2
3/4	2,114.31	3/4	1,755.23	3/4	1,396.14	3/4	1,042.76	3/4	692.33	3/4	333.26	3/4		3/4	3/4		3/4		3/4
11	2,106.83	11	1,747.75	11	1,388.66	11	1,035.58	11	684.85	11	325.78	11		11	11		11		11
1/4	2,099.35	1/4	1,740.27	1/4	1,381.18	1/4	1,028.40	1/4	677.37	1/4	318.30	1/4		1/4	1/4		1/4		1/4
1/2	2,091.87	1/2	1,732.79	1/2	1,373.70	1/2	1,021.22	1/2	669.89	1/2	310.82	1/2		1/2	1/2		1/2		1/2
3/4	2,084.39	3/4	1,725.30	3/4	1,366.22	3/4	1,014.05	3/4	662.41	3/4	303.34	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29096"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

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

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'-06" OFF CENTERLINE AND 45'-06" 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 29096"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

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	2,442.28	0	2,083.21	0	1,724.15	0	1,365.08	0	1,006.18	0	647.41	0	288.36	0		0		0	
1/4	2,434.79	1/4	2,075.73	1/4	1,716.67	1/4	1,357.60	1/4	998.72	1/4	639.93	1/4	280.88	1/4	1/4		1/4		1/4
1/2	2,427.31	1/2	2,068.25	1/2	1,709.19	1/2	1,350.12	1/2	991.25	1/2	632.45	1/2	273.40	1/2	1/2		1/2		1/2
3/4	2,419.83	3/4	2,060.77	3/4	1,701.71	3/4	1,342.64	3/4	983.78	3/4	624.97	3/4	265.92	3/4	3/4		3/4		3/4
1	2,412.35	1	2,053.29	1	1,694.23	1	1,335.16	1	976.31	1	617.49	1	258.44	1	1		1		1
1/4	2,404.87	1/4	2,045.81	1/4	1,686.74	1/4	1,327.68	1/4	968.85	1/4	610.01	1/4	250.96	1/4	1/4		1/4		1/4
1/2	2,397.39	1/2	2,038.33	1/2	1,679.26	1/2	1,320.20	1/2	961.38	1/2	602.53	1/2	243.48	1/2	1/2		1/2		1/2
3/4	2,389.91	3/4	2,030.85	3/4	1,671.78	3/4	1,312.72	3/4	953.91	3/4	595.05	3/4	236.00	3/4	3/4		3/4		3/4
2	2,382.43	2	2,023.37	2	1,664.30	2	1,305.24	2	946.44	2	587.57	2	228.52	2	2		2		2
1/4	2,374.95	1/4	2,015.89	1/4	1,656.82	1/4	1,297.76	1/4	938.98	1/4	580.09	1/4	221.04	1/4	1/4		1/4		1/4
1/2	2,367.47	1/2	2,008.41	1/2	1,649.34	1/2	1,290.28	1/2	931.51	1/2	572.61	1/2	213.56	1/2	1/2		1/2		1/2
3/4	2,359.99	3/4	2,000.93	3/4	1,641.86	3/4	1,282.80	3/4	924.04	3/4	565.13	3/4	206.08	3/4	3/4		3/4		3/4
3	2,352.51	3	1,993.45	3	1,634.38	3	1,275.32	3	916.57	3	557.65	3	198.60	3	3		3		3
1/4	2,345.03	1/4	1,985.96	1/4	1,626.90	1/4	1,267.84	1/4	909.11	1/4	550.17	1/4	191.12	1/4	1/4		1/4		1/4
1/2	2,337.55	1/2	1,978.48	1/2	1,619.42	1/2	1,260.36	1/2	901.64	1/2	542.69	1/2	183.64	1/2	1/2		1/2		1/2
3/4	2,330.07	3/4	1,971.00	3/4	1,611.94	3/4	1,252.88	3/4	894.17	3/4	535.21	3/4	176.16	3/4	3/4		3/4		3/4
4	2,322.59	4	1,963.52	4	1,604.46	4	1,245.40	4	886.70	4	527.73	4	168.67	4	4		4		4
1/4	2,315.11	1/4	1,956.04	1/4	1,596.98	1/4	1,237.91	1/4	879.24	1/4	520.25	1/4	161.19	1/4	1/4		1/4		1/4
1/2	2,307.63	1/2	1,948.56	1/2	1,589.50	1/2	1,230.43	1/2	871.77	1/2	512.77	1/2	153.71	1/2	1/2		1/2		1/2
3/4	2,300.15	3/4	1,941.08	3/4	1,582.02	3/4	1,222.95	3/4	864.30	3/4	505.29	3/4	146.23	3/4	3/4		3/4		3/4
5	2,292.67	5	1,933.60	5	1,574.54	5	1,215.47	5	856.83	5	497.81	5	138.75	5	5		5		5
1/4	2,285.18	1/4	1,926.12	1/4	1,567.06	1/4	1,207.99	1/4	849.36	1/4	490.33	1/4	131.27	1/4	1/4		1/4		1/4
1/2	2,277.70	1/2	1,918.64	1/2	1,559.58	1/2	1,200.51	1/2	841.89	1/2	482.85	1/2	123.79	1/2	1/2		1/2		1/2
3/4	2,270.22	3/4	1,911.16	3/4	1,552.10	3/4	1,193.03	3/4	834.41	3/4	475.37	3/4	116.31	3/4	3/4		3/4		3/4
6	2,262.74	6	1,903.68	6	1,544.62	6	1,185.55	6	826.94	6	467.89	6	108.83	6	6		6		6
1/4	2,255.26	1/4	1,896.20	1/4	1,537.13	1/4	1,178.07	1/4	819.46	1/4	460.41	1/4	101.35	1/4	1/4		1/4		1/4
1/2	2,247.78	1/2	1,888.72	1/2	1,529.65	1/2	1,170.59	1/2	811.98	1/2	452.93	1/2	93.87	1/2	1/2		1/2		1/2
3/4	2,240.30	3/4	1,881.24	3/4	1,522.17	3/4	1,163.11	3/4	804.50	3/4	445.45	3/4	86.39	3/4	3/4		3/4		3/4
7	2,232.82	7	1,873.76	7	1,514.69	7	1,155.63	7	797.02	7	437.97	7	78.91	7	7		7		7
1/4	2,225.34	1/4	1,866.28	1/4	1,507.21	1/4	1,148.15	1/4	789.54	1/4	430.49	1/4	71.66	1/4	1/4		1/4		1/4
1/2	2,217.86	1/2	1,858.80	1/2	1,499.73	1/2	1,140.67	1/2	782.06	1/2	423.01	1/2	64.65	1/2	1/2		1/2		1/2
3/4	2,210.38	3/4	1,851.32	3/4	1,492.25	3/4	1,133.19	3/4	774.58	3/4	415.52	3/4	57.64	3/4	3/4		3/4		3/4
8	2,202.90	8	1,843.84	8	1,484.77	8	1,125.72	8	767.10	8	408.04	8	50.63	8	8		8		8
1/4	2,195.42	1/4	1,836.35	1/4	1,477.29	1/4	1,118.24	1/4	759.62	1/4	400.56	1/4	44.31	1/4	1/4		1/4		1/4
1/2	2,187.94	1/2	1,828.87	1/2	1,469.81	1/2	1,110.77	1/2	752.14	1/2	393.08	1/2	38.70	1/2	1/2		1/2		1/2
3/4	2,180.46	3/4	1,821.39	3/4	1,462.33	3/4	1,103.29	3/4	744.66	3/4	385.60	3/4	33.09	3/4	3/4		3/4		3/4
9	2,172.98	9	1,813.91	9	1,454.85	9	1,095.82	9	737.18	9	378.12	9	27.48	9	9		9		9
1/4	2,165.50	1/4	1,806.43	1/4	1,447.37	1/4	1,088.34	1/4	729.70	1/4	370.64	1/4	22.81	1/4	1/4		1/4		1/4
1/2	2,158.02	1/2	1,798.95	1/2	1,439.89	1/2	1,080.87	1/2	722.22	1/2	363.16	1/2	19.07	1/2	1/2		1/2		1/2
3/4	2,150.54	3/4	1,791.47	3/4	1,432.41	3/4	1,073.40	3/4	714.74	3/4	355.68	3/4		3/4	3/4		3/4		3/4
10	2,143.06	10	1,783.99	10	1,424.93	10	1,065.93	10	707.26	10	348.20	10		10	10		10		10
1/4	2,135.57	1/4	1,776.51	1/4	1,417.45	1/4	1,058.46	1/4	699.78	1/4	340.72	1/4		1/4	1/4		1/4		1/4
1/2	2,128.09	1/2	1,769.03	1/2	1,409.97	1/2	1,050.99	1/2	692.30	1/2	333.24	1/2		1/2	1/2		1/2		1/2
3/4	2,120.61	3/4	1,761.55	3/4	1,402.49	3/4	1,043.52	3/4	684.82	3/4	325.76	3/4		3/4	3/4		3/4		3/4
11	2,113.13	11	1,754.07	11	1,395.01	11	1,036.05	11	677.34	11	318.28	11		11	11		11		11
1/4	2,105.65	1/4	1,746.59	1/4	1,387.52	1/4	1,028.59	1/4	669.86	1/4	310.80	1/4		1/4	1/4		1/4		1/4
1/2	2,098.17	1/2	1,739.11	1/2	1,380.04	1/2	1,021.12	1/2	662.37	1/2	303.32	1/2		1/2	1/2		1/2		1/2
3/4	2,090.69	3/4	1,731.63	3/4	1,372.56	3/4	1,013.65	3/4	654.89	3/4	295.84	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29096"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	4,494.47	0	4,248.89	0	4,002.18	0	3,755.08	0	3,481.88	0	3,126.16	0	2,769.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,489.36	1/4	4,243.75	1/4	3,997.03	1/4	3,749.94	1/4	3,474.47	1/4	3,118.74	1/4	2,762.32		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,484.25	1/2	4,238.62	1/2	3,991.88	1/2	3,744.79	1/2	3,467.07	1/2	3,111.31	1/2	2,754.89		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,479.14	3/4	4,233.49	3/4	3,986.73	3/4	3,739.64	3/4	3,459.67	3/4	3,103.89	3/4	2,747.47		
1		1		1		1	4,474.03	1	4,228.35	1	3,981.59	1	3,734.49	1	3,452.27	1	3,096.47	1	2,740.04		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,468.93	1/4	4,223.22	1/4	3,976.44	1/4	3,729.34	1/4	3,444.86	1/4	3,089.04	1/4	2,732.61		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,463.82	1/2	4,218.09	1/2	3,971.29	1/2	3,724.20	1/2	3,437.46	1/2	3,081.62	1/2	2,725.19		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,458.71	3/4	4,212.95	3/4	3,966.14	3/4	3,719.05	3/4	3,430.06	3/4	3,074.19	3/4	2,717.76		
2		2		2		2	4,453.61	2	4,207.82	2	3,961.00	2	3,713.90	2	3,422.65	2	3,066.77	2	2,710.33		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,448.50	1/4	4,202.69	1/4	3,955.85	1/4	3,708.75	1/4	3,415.25	1/4	3,059.35	1/4	2,702.91		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,443.39	1/2	4,197.55	1/2	3,950.70	1/2	3,703.61	1/2	3,407.85	1/2	3,051.92	1/2	2,695.48		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,438.29	3/4	4,192.42	3/4	3,945.55	3/4	3,698.46	3/4	3,400.44	3/4	3,044.50	3/4	2,688.05		
3		3		3		3	4,433.18	3	4,187.29	3	3,940.40	3	3,693.31	3	3,393.04	3	3,037.08	3	2,680.63		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,428.08	1/4	4,182.15	1/4	3,935.26	1/4	3,688.16	1/4	3,385.64	1/4	3,029.65	1/4	2,673.20		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,422.97	1/2	4,177.02	1/2	3,930.11	1/2	3,683.01	1/2	3,378.23	1/2	3,022.23	1/2	2,665.77		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,417.86	3/4	4,171.89	3/4	3,924.96	3/4	3,677.87	3/4	3,370.83	3/4	3,014.80	3/4	2,658.35		
4		4		4		4	4,412.76	4	4,166.75	4	3,919.81	4	3,672.72	4	3,363.43	4	3,007.38	4	2,650.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,407.65	1/4	4,161.62	1/4	3,914.67	1/4	3,667.57	1/4	3,356.02	1/4	2,999.96	1/4	2,643.50		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,402.55	1/2	4,156.49	1/2	3,909.52	1/2	3,662.42	1/2	3,348.62	1/2	2,992.53	1/2	2,636.07		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,397.44	3/4	4,151.35	3/4	3,904.37	3/4	3,657.28	3/4	3,341.22	3/4	2,985.11	3/4	2,628.64		
5		5		5		5	4,392.33	5	4,146.22	5	3,899.22	5	3,652.13	5	3,333.81	5	2,977.68	5	2,621.22		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,387.23	1/4	4,141.09	1/4	3,894.07	1/4	3,646.98	1/4	3,326.41	1/4	2,970.26	1/4	2,613.79		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,382.12	1/2	4,135.95	1/2	3,888.93	1/2	3,641.83	1/2	3,319.01	1/2	2,962.83	1/2	2,606.36		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,377.02	3/4	4,130.82	3/4	3,883.78	3/4	3,636.68	3/4	3,311.60	3/4	2,955.41	3/4	2,598.93		
6		6		6		6	4,371.91	6	4,125.69	6	3,878.63	6	3,631.54	6	3,304.20	6	2,947.98	6	2,591.50		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,366.80	1/4	4,120.55	1/4	3,873.48	1/4	3,626.39	1/4	3,296.80	1/4	2,940.56	1/4	2,584.06		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,591.16	1/2	4,361.70	1/2	4,115.41	1/2	3,868.34	1/2	3,621.24	1/2	3,289.39	1/2	2,933.13	1/2	2,576.63
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,588.71	3/4	4,356.59	3/4	4,110.27	3/4	3,863.19	3/4	3,616.09	3/4	3,281.99	3/4	2,925.71	3/4	2,569.20
7		7		7		7	4,586.26	7	4,351.49	7	4,105.13	7	3,858.04	7	3,610.95	7	3,274.59	7	2,918.28	7	2,561.76
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,583.28	1/4	4,346.37	1/4	4,099.99	1/4	3,852.89	1/4	3,605.80	1/4	3,267.18	1/4	2,910.85	1/4	2,554.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,579.77	1/2	4,341.25	1/2	4,094.84	1/2	3,847.74	1/2	3,600.65	1/2	3,259.77	1/2	2,903.43	1/2	2,546.89
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,576.26	3/4	4,336.13	3/4	4,089.69	3/4	3,842.60	3/4	3,595.50	3/4	3,252.35	3/4	2,896.00	3/4	2,539.46
8		8		8		8	4,572.75	8	4,331.01	8	4,084.54	8	3,837.45	8	3,590.35	8	3,244.94	8	2,888.57	8	2,532.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,568.74	1/4	4,325.89	1/4	4,079.40	1/4	3,832.30	1/4	3,584.92	1/4	3,237.52	1/4	2,881.15	1/4	2,524.59
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,564.23	1/2	4,320.75	1/2	4,074.25	1/2	3,827.15	1/2	3,579.20	1/2	3,230.10	1/2	2,873.72	1/2	2,517.16
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,559.72	3/4	4,315.62	3/4	4,069.10	3/4	3,822.01	3/4	3,573.48	3/4	3,222.67	3/4	2,866.29	3/4	2,509.73
9		9		9		9	4,555.21	9	4,310.49	9	4,063.95	9	3,816.86	9	3,567.75	9	3,215.25	9	2,858.87	9	2,502.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,550.43	1/4	4,305.35	1/4	4,058.80	1/4	3,811.71	1/4	3,561.46	1/4	3,207.83	1/4	2,851.44	1/4	2,494.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,545.39	1/2	4,300.22	1/2	4,053.66	1/2	3,806.56	1/2	3,554.61	1/2	3,200.40	1/2	2,844.01	1/2	2,487.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,540.35	3/4	4,295.09	3/4	4,048.51	3/4	3,801.41	3/4	3,547.75	3/4	3,192.98	3/4	2,836.59	3/4	2,480.04
10		10		10		10	4,535.30	10	4,289.95	10	4,043.36	10	3,796.27	10	3,540.90	10	3,185.55	10	2,829.16	10	2,472.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,530.23	1/4	4,284.82	1/4	4,038.21	1/4	3,791.12	1/4	3,533.76	1/4	3,178.13	1/4	2,821.73	1/4	2,465.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,525.12	1/2	4,279.69	1/2	4,033.07	1/2	3,785.97	1/2	3,526.35	1/2	3,170.71	1/2	2,814.31	1/2	2,457.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,520.01	3/4	4,274.55	3/4	4,027.92	3/4	3,780.82	3/4	3,518.93	3/4	3,163.28	3/4	2,806.88	3/4	2,450.43
11		11		11		11	4,514.90	11	4,269.42	11	4,022.77	11	3,775.68	11	3,511.52	11	3,155.86	11	2,799.45	11	2,443.03
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,509.79	1/4	4,264.29	1/4	4,017.62	1/4	3,770.53	1/4	3,504.11	1/4	3,148.43	1/4	2,792.03	1/4	2,435.64
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,504.69	1/2	4,259.15	1/2	4,012.47	1/2	3,765.38	1/2	3,496.70	1/2	3,141.01	1/2	2,784.60	1/2	2,428.24
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,499.58	3/4	4,254.02	3/4	4,007.33	3/4	3,760.23	3/4	3,489.29	3/4	3,133.59	3/4	2,777.17	3/4	2,420.85

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'-06" OFF CENTERLINE AND 45'-01" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29096"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	2,406.05	1/4	2,051.72	1/4	1,696.24	1/4	1,339.41	1/4	988.46	1/4	636.46	1/4	279.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,398.66	1/2	2,044.35	1/2	1,688.81	1/2	1,331.98	1/2	981.26	1/2	629.02	1/2	272.03	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,391.26	3/4	2,036.98	3/4	1,681.37	3/4	1,324.55	3/4	974.05	3/4	621.58	3/4	264.59	3/4	3/4	3/4	3/4	3/4	3/4
1	2,383.87	1	2,029.61	1	1,673.94	1	1,317.11	1	966.85	1	614.15	1	257.16	1	1	1	1	1	1
1/4	2,376.47	1/4	2,022.24	1/4	1,666.51	1/4	1,309.68	1/4	959.64	1/4	606.71	1/4	249.72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,369.08	1/2	2,014.87	1/2	1,659.07	1/2	1,302.25	1/2	952.44	1/2	599.27	1/2	242.28	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,361.68	3/4	2,007.49	3/4	1,651.64	3/4	1,294.81	3/4	945.23	3/4	591.83	3/4	234.84	3/4	3/4	3/4	3/4	3/4	3/4
2	2,354.29	2	2,000.12	2	1,644.20	2	1,287.38	2	938.03	2	584.39	2	227.41	2	2	2	2	2	2
1/4	2,346.89	1/4	1,992.75	1/4	1,636.77	1/4	1,279.94	1/4	930.83	1/4	576.95	1/4	219.97	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,339.50	1/2	1,985.38	1/2	1,629.34	1/2	1,272.51	1/2	923.62	1/2	569.52	1/2	212.53	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,332.10	3/4	1,978.01	3/4	1,621.90	3/4	1,265.08	3/4	916.42	3/4	562.08	3/4	205.09	3/4	3/4	3/4	3/4	3/4	3/4
3	2,324.71	3	1,970.64	3	1,614.47	3	1,257.64	3	909.21	3	554.64	3	197.65	3	3	3	3	3	3
1/4	2,317.31	1/4	1,963.27	1/4	1,607.04	1/4	1,250.21	1/4	902.01	1/4	547.20	1/4	190.22	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,309.91	1/2	1,955.90	1/2	1,599.60	1/2	1,242.77	1/2	894.81	1/2	539.76	1/2	182.78	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,302.52	3/4	1,948.53	3/4	1,592.17	3/4	1,235.34	3/4	887.60	3/4	532.33	3/4	175.34	3/4	3/4	3/4	3/4	3/4	3/4
4	2,295.12	4	1,941.16	4	1,584.73	4	1,227.91	4	880.40	4	524.89	4	167.90	4	4	4	4	4	4
1/4	2,287.73	1/4	1,933.78	1/4	1,577.30	1/4	1,220.47	1/4	873.19	1/4	517.45	1/4	160.46	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,280.33	1/2	1,926.41	1/2	1,569.87	1/2	1,213.04	1/2	865.99	1/2	510.01	1/2	153.02	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,272.94	3/4	1,919.04	3/4	1,562.43	3/4	1,205.60	3/4	858.78	3/4	502.57	3/4	145.58	3/4	3/4	3/4	3/4	3/4	3/4
5	2,265.54	5	1,911.67	5	1,555.00	5	1,198.17	5	851.58	5	495.14	5	138.14	5	5	5	5	5	5
1/4	2,258.15	1/4	1,904.28	1/4	1,547.56	1/4	1,190.79	1/4	844.32	1/4	487.70	1/4	130.70	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,250.77	1/2	1,896.88	1/2	1,540.13	1/2	1,183.46	1/2	837.00	1/2	480.26	1/2	123.26	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,243.39	3/4	1,889.48	3/4	1,532.70	3/4	1,176.13	3/4	829.67	3/4	472.82	3/4	115.82	3/4	3/4	3/4	3/4	3/4	3/4
6	2,236.00	6	1,882.07	6	1,525.26	6	1,168.80	6	822.35	6	465.39	6	108.38	6	6	6	6	6	6
1/4	2,228.62	1/4	1,874.66	1/4	1,517.83	1/4	1,161.53	1/4	814.97	1/4	457.95	1/4	100.93	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,221.25	1/2	1,867.22	1/2	1,510.39	1/2	1,154.30	1/2	807.54	1/2	450.51	1/2	93.48	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,213.88	3/4	1,859.79	3/4	1,502.96	3/4	1,147.08	3/4	800.10	3/4	443.08	3/4	86.04	3/4	3/4	3/4	3/4	3/4	3/4
7	2,206.51	7	1,852.35	7	1,495.53	7	1,139.86	7	792.66	7	435.64	7	78.59	7	7	7	7	7	7
1/4	2,199.14	1/4	1,844.92	1/4	1,488.09	1/4	1,132.63	1/4	785.22	1/4	428.20	1/4	71.37	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,191.77	1/2	1,837.49	1/2	1,480.66	1/2	1,125.42	1/2	777.78	1/2	420.77	1/2	64.39	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,184.40	3/4	1,830.05	3/4	1,473.23	3/4	1,118.20	3/4	770.35	3/4	413.33	3/4	57.40	3/4	3/4	3/4	3/4	3/4	3/4
8	2,177.03	8	1,822.62	8	1,465.79	8	1,110.98	8	762.91	8	405.89	8	50.42	8	8	8	8	8	8
1/4	2,169.66	1/4	1,815.18	1/4	1,458.36	1/4	1,103.77	1/4	755.47	1/4	398.46	1/4	44.13	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,162.29	1/2	1,807.75	1/2	1,450.92	1/2	1,096.56	1/2	748.03	1/2	391.02	1/2	38.55	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,154.91	3/4	1,800.32	3/4	1,443.49	3/4	1,089.34	3/4	740.59	3/4	383.58	3/4	32.96	3/4	3/4	3/4	3/4	3/4	3/4
9	2,147.54	9	1,792.88	9	1,436.06	9	1,082.13	9	733.15	9	376.14	9	27.37	9	9	9	9	9	9
1/4	2,140.17	1/4	1,785.45	1/4	1,428.62	1/4	1,074.92	1/4	725.72	1/4	368.71	1/4	22.72	1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,132.80	1/2	1,778.02	1/2	1,421.19	1/2	1,067.72	1/2	718.28	1/2	361.27	1/2	18.99	1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,125.43	3/4	1,770.58	3/4	1,413.75	3/4	1,060.51	3/4	710.84	3/4	353.83	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	2,118.06	10	1,763.15	10	1,406.32	10	1,053.30	10	703.40	10	346.40	10		10	10	10	10	10	10
1/4	2,110.69	1/4	1,755.71	1/4	1,398.89	1/4	1,046.09	1/4	695.96	1/4	338.96	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,103.32	1/2	1,748.28	1/2	1,391.45	1/2	1,038.89	1/2	688.53	1/2	331.52	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,095.95	3/4	1,740.85	3/4	1,384.02	3/4	1,031.69	3/4	681.09	3/4	324.09	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	2,088.58	11	1,733.41	11	1,376.58	11	1,024.48	11	673.65	11	316.65	11		11	11	11	11	11	11
1/4	2,081.20	1/4	1,725.98	1/4	1,369.15	1/4	1,017.28	1/4	666.21	1/4	309.21	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	2,073.83	1/2	1,718.54	1/2	1,361.72	1/2	1,010.07	1/2	658.77	1/2	301.78	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	2,066.46	3/4	1,711.11	3/4	1,354.28	3/4	1,002.87	3/4	651.34	3/4	294.34	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

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



BARGE "KIRBY 29096"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	4,521.39	0	4,275.77	0	4,029.00	0	3,781.84	0	3,510.80	0	3,154.32	0	2,797.13		
1/4	1/4	1/4	1/4	1/4	1/4	4,516.28	1/4	4,270.63	1/4	4,023.85	1/4	3,776.69	1/4	3,503.38	1/4	3,146.88	1/4	2,789.69		
1/2	1/2	1/2	1/2	1/2	1/2	4,511.17	1/2	4,265.50	1/2	4,018.70	1/2	3,771.55	1/2	3,495.96	1/2	3,139.44	1/2	2,782.24		
3/4	3/4	3/4	3/4	3/4	3/4	4,506.06	3/4	4,260.36	3/4	4,013.55	3/4	3,766.40	3/4	3,488.54	3/4	3,132.00	3/4	2,774.80		
1	1	1	1	1	1	4,500.95	1	4,255.23	1	4,008.40	1	3,761.25	1	3,481.12	1	3,124.56	1	2,767.36		
1/4	1/4	1/4	1/4	1/4	1/4	4,495.84	1/4	4,250.10	1/4	4,003.25	1/4	3,756.10	1/4	3,473.70	1/4	3,117.12	1/4	2,759.91		
1/2	1/2	1/2	1/2	1/2	1/2	4,490.73	1/2	4,244.96	1/2	3,998.11	1/2	3,750.95	1/2	3,466.28	1/2	3,109.68	1/2	2,752.47		
3/4	3/4	3/4	3/4	3/4	3/4	4,485.63	3/4	4,239.83	3/4	3,992.96	3/4	3,745.80	3/4	3,458.86	3/4	3,102.24	3/4	2,745.03		
2	2	2	2	2	2	4,480.52	2	4,234.69	2	3,987.81	2	3,740.65	2	3,451.44	2	3,094.80	2	2,737.58		
1/4	1/4	1/4	1/4	1/4	1/4	4,475.41	1/4	4,229.56	1/4	3,982.66	1/4	3,735.50	1/4	3,444.02	1/4	3,087.36	1/4	2,730.14		
1/2	1/2	1/2	1/2	1/2	1/2	4,470.30	1/2	4,224.42	1/2	3,977.51	1/2	3,730.35	1/2	3,436.60	1/2	3,079.92	1/2	2,722.70		
3/4	3/4	3/4	3/4	3/4	3/4	4,465.19	3/4	4,219.29	3/4	3,972.36	3/4	3,725.20	3/4	3,429.18	3/4	3,072.48	3/4	2,715.26		
3	3	3	3	3	3	4,460.09	3	4,214.15	3	3,967.21	3	3,720.05	3	3,421.76	3	3,065.04	3	2,707.81		
1/4	1/4	1/4	1/4	1/4	1/4	4,454.98	1/4	4,209.02	1/4	3,962.06	1/4	3,714.90	1/4	3,414.34	1/4	3,057.60	1/4	2,700.37		
1/2	1/2	1/2	1/2	1/2	1/2	4,449.87	1/2	4,203.88	1/2	3,956.91	1/2	3,709.76	1/2	3,406.93	1/2	3,050.16	1/2	2,692.93		
3/4	3/4	3/4	3/4	3/4	3/4	4,444.76	3/4	4,198.75	3/4	3,951.76	3/4	3,704.61	3/4	3,399.51	3/4	3,042.72	3/4	2,685.48		
4	4	4	4	4	4	4,439.66	4	4,193.61	4	3,946.61	4	3,699.46	4	3,392.09	4	3,035.28	4	2,678.04		
1/4	1/4	1/4	1/4	1/4	1/4	4,434.55	1/4	4,188.48	1/4	3,941.47	1/4	3,694.31	1/4	3,384.67	1/4	3,027.84	1/4	2,670.60		
1/2	1/2	1/2	1/2	1/2	1/2	4,429.44	1/2	4,183.34	1/2	3,936.32	1/2	3,689.16	1/2	3,377.25	1/2	3,020.40	1/2	2,663.16		
3/4	3/4	3/4	3/4	3/4	3/4	4,424.33	3/4	4,178.21	3/4	3,931.17	3/4	3,684.01	3/4	3,369.83	3/4	3,012.96	3/4	2,655.71		
5	5	5	5	5	5	4,419.23	5	4,173.07	5	3,926.02	5	3,678.86	5	3,362.41	5	3,005.52	5	2,648.27		
1/4	1/4	1/4	1/4	1/4	1/4	4,414.12	1/4	4,167.94	1/4	3,920.87	1/4	3,673.71	1/4	3,354.99	1/4	2,998.08	1/4	2,640.83		
1/2	1/2	1/2	1/2	1/2	1/2	4,409.01	1/2	4,162.81	1/2	3,915.72	1/2	3,668.56	1/2	3,347.57	1/2	2,990.64	1/2	2,633.38		
3/4	3/4	3/4	3/4	3/4	3/4	4,403.90	3/4	4,157.67	3/4	3,910.57	3/4	3,663.41	3/4	3,340.15	3/4	2,983.20	3/4	2,625.94		
6	6	6	6	6	6	4,398.80	6	4,152.54	6	3,905.42	6	3,658.26	6	3,332.73	6	2,975.75	6	2,618.49		
1/4	1/4	1/4	1/4	1/4	1/4	4,393.69	1/4	4,147.40	1/4	3,900.27	1/4	3,653.12	1/4	3,325.31	1/4	2,968.31	1/4	2,611.04		
1/2	1/2	1/2	1/2	1/2	1/2	4,388.58	1/2	4,142.26	1/2	3,895.12	1/2	3,647.97	1/2	3,317.89	1/2	2,960.87	1/2	2,603.59		
3/4	3/4	3/4	3/4	3/4	3/4	4,613.01	3/4	4,383.48	3/4	4,137.12	3/4	3,889.97	3/4	3,642.82	3/4	3,310.47	3/4	2,953.43	3/4	2,596.14
7	7	7	7	7	7	4,610.56	7	4,378.37	7	4,131.97	7	3,884.83	7	3,637.67	7	3,303.05	7	2,945.99	7	2,588.69
1/4	1/4	1/4	1/4	1/4	1/4	4,608.11	1/4	4,373.26	1/4	4,126.83	1/4	3,879.68	1/4	3,632.52	1/4	3,295.63	1/4	2,938.54	1/4	2,581.24
1/2	1/2	1/2	1/2	1/2	1/2	4,605.13	1/2	4,368.15	1/2	4,121.68	1/2	3,874.53	1/2	3,627.37	1/2	3,288.21	1/2	2,931.10	1/2	2,573.79
3/4	3/4	3/4	3/4	3/4	3/4	4,601.62	3/4	4,363.03	3/4	4,116.53	3/4	3,869.38	3/4	3,622.22	3/4	3,280.78	3/4	2,923.66	3/4	2,566.34
8	8	8	8	8	8	4,598.10	8	4,357.90	8	4,111.39	8	3,864.23	8	3,617.07	8	3,273.35	8	2,916.21	8	2,558.89
1/4	1/4	1/4	1/4	1/4	1/4	4,594.59	1/4	4,352.78	1/4	4,106.24	1/4	3,859.08	1/4	3,611.92	1/4	3,265.92	1/4	2,908.77	1/4	2,551.44
1/2	1/2	1/2	1/2	1/2	1/2	4,590.58	1/2	4,347.65	1/2	4,101.09	1/2	3,853.93	1/2	3,606.49	1/2	3,258.48	1/2	2,901.33	1/2	2,543.99
3/4	3/4	3/4	3/4	3/4	3/4	4,586.06	3/4	4,342.52	3/4	4,095.94	3/4	3,848.78	3/4	3,600.76	3/4	3,251.04	3/4	2,893.89	3/4	2,536.54
9	9	9	9	9	9	4,581.55	9	4,337.39	9	4,090.79	9	3,843.63	9	3,595.04	9	3,243.60	9	2,886.44	9	2,529.09
1/4	1/4	1/4	1/4	1/4	1/4	4,577.04	1/4	4,332.25	1/4	4,085.64	1/4	3,838.48	1/4	3,589.32	1/4	3,236.16	1/4	2,879.00	1/4	2,521.64
1/2	1/2	1/2	1/2	1/2	1/2	4,572.26	1/2	4,327.12	1/2	4,080.49	1/2	3,833.33	1/2	3,583.03	1/2	3,228.72	1/2	2,871.56	1/2	2,514.19
3/4	3/4	3/4	3/4	3/4	3/4	4,567.22	3/4	4,321.98	3/4	4,075.34	3/4	3,828.19	3/4	3,576.17	3/4	3,221.28	3/4	2,864.11	3/4	2,506.74
10	10	10	10	10	10	4,562.18	10	4,316.85	10	4,070.19	10	3,823.04	10	3,569.31	10	3,213.84	10	2,856.67	10	2,499.29
1/4	1/4	1/4	1/4	1/4	1/4	4,557.13	1/4	4,311.71	1/4	4,065.04	1/4	3,817.89	1/4	3,562.45	1/4	3,206.40	1/4	2,849.23	1/4	2,491.84
1/2	1/2	1/2	1/2	1/2	1/2	4,552.05	1/2	4,306.58	1/2	4,059.89	1/2	3,812.74	1/2	3,555.32	1/2	3,198.96	1/2	2,841.79	1/2	2,484.39
3/4	3/4	3/4	3/4	3/4	3/4	4,546.94	3/4	4,301.44	3/4	4,054.75	3/4	3,807.59	3/4	3,547.90	3/4	3,191.52	3/4	2,834.34	3/4	2,476.94
11	11	11	11	11	11	4,541.83	11	4,296.31	11	4,049.60	11	3,802.44	11	3,540.48	11	3,184.08	11	2,826.90	11	2,469.49
1/4	1/4	1/4	1/4	1/4	1/4	4,536.72	1/4	4,291.17	1/4	4,044.45	1/4	3,797.29	1/4	3,533.06	1/4	3,176.64	1/4	2,819.46	1/4	2,462.04
1/2	1/2	1/2	1/2	1/2	1/2	4,531.61	1/2	4,286.04	1/2	4,039.30	1/2	3,792.14	1/2	3,525.64	1/2	3,169.20	1/2	2,812.01	1/2	2,454.59
3/4	3/4	3/4	3/4	3/4	3/4	4,526.50	3/4	4,280.90	3/4	4,034.15	3/4	3,786.99	3/4	3,518.22	3/4	3,161.76	3/4	2,804.57	3/4	2,447.14

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'-06" OFF CENTERLINE AND 45'-01" FORWARD OF AFT BULKHEAD.

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





BARGE "KIRBY 29096"

3 STBD
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "BOI L2"

GAUGE HEIGHT 16'-09 3/4"

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	2,439.69	0	2,082.09	0	1,724.48	0	1,366.88	0	1,009.47	0	652.22	0	294.63	0		0		0	
1/4	2,432.24	1/4	2,074.64	1/4	1,717.03	1/4	1,359.43	1/4	1,002.03	1/4	644.77	1/4	287.18	1/4	1/4		1/4		1/4
1/2	2,424.79	1/2	2,067.19	1/2	1,709.58	1/2	1,351.98	1/2	994.60	1/2	637.32	1/2	279.73	1/2	1/2		1/2		1/2
3/4	2,417.34	3/4	2,059.74	3/4	1,702.13	3/4	1,344.53	3/4	987.16	3/4	629.87	3/4	272.28	3/4	3/4		3/4		3/4
1	2,409.89	1	2,052.29	1	1,694.68	1	1,337.08	1	979.73	1	622.42	1	264.83	1	1		1		1
1/4	2,402.44	1/4	2,044.84	1/4	1,687.23	1/4	1,329.63	1/4	972.29	1/4	614.97	1/4	257.38	1/4	1/4		1/4		1/4
1/2	2,394.99	1/2	2,037.39	1/2	1,679.78	1/2	1,322.18	1/2	964.86	1/2	607.52	1/2	249.93	1/2	1/2		1/2		1/2
3/4	2,387.54	3/4	2,029.94	3/4	1,672.33	3/4	1,314.73	3/4	957.42	3/4	600.07	3/4	242.48	3/4	3/4		3/4		3/4
2	2,380.09	2	2,022.49	2	1,664.88	2	1,307.28	2	949.99	2	592.62	2	235.03	2	2		2		2
1/4	2,372.64	1/4	2,015.04	1/4	1,657.43	1/4	1,299.83	1/4	942.55	1/4	585.17	1/4	227.58	1/4	1/4		1/4		1/4
1/2	2,365.19	1/2	2,007.59	1/2	1,649.98	1/2	1,292.38	1/2	935.12	1/2	577.72	1/2	220.13	1/2	1/2		1/2		1/2
3/4	2,357.74	3/4	2,000.14	3/4	1,642.53	3/4	1,284.93	3/4	927.68	3/4	570.27	3/4	212.68	3/4	3/4		3/4		3/4
3	2,350.29	3	1,992.69	3	1,635.08	3	1,277.48	3	920.25	3	562.82	3	205.23	3	3		3		3
1/4	2,342.84	1/4	1,985.24	1/4	1,627.63	1/4	1,270.03	1/4	912.81	1/4	555.37	1/4	197.78	1/4	1/4		1/4		1/4
1/2	2,335.39	1/2	1,977.79	1/2	1,620.18	1/2	1,262.58	1/2	905.38	1/2	547.92	1/2	190.33	1/2	1/2		1/2		1/2
3/4	2,327.94	3/4	1,970.34	3/4	1,612.73	3/4	1,255.13	3/4	897.94	3/4	540.47	3/4	182.88	3/4	3/4		3/4		3/4
4	2,320.49	4	1,962.89	4	1,605.28	4	1,247.68	4	890.51	4	533.02	4	175.43	4	4		4		4
1/4	2,313.04	1/4	1,955.44	1/4	1,597.83	1/4	1,240.23	1/4	883.07	1/4	525.57	1/4	167.98	1/4	1/4		1/4		1/4
1/2	2,305.59	1/2	1,947.99	1/2	1,590.38	1/2	1,232.78	1/2	875.64	1/2	518.12	1/2	160.53	1/2	1/2		1/2		1/2
3/4	2,298.14	3/4	1,940.54	3/4	1,582.93	3/4	1,225.33	3/4	868.20	3/4	510.67	3/4	153.08	3/4	3/4		3/4		3/4
5	2,290.69	5	1,933.09	5	1,575.48	5	1,217.88	5	860.77	5	503.22	5	145.63	5	5		5		5
1/4	2,283.24	1/4	1,925.64	1/4	1,568.03	1/4	1,210.43	1/4	853.34	1/4	495.77	1/4	138.18	1/4	1/4		1/4		1/4
1/2	2,275.79	1/2	1,918.19	1/2	1,560.58	1/2	1,202.98	1/2	845.90	1/2	488.32	1/2	130.73	1/2	1/2		1/2		1/2
3/4	2,268.34	3/4	1,910.74	3/4	1,553.13	3/4	1,195.53	3/4	838.45	3/4	480.87	3/4	123.28	3/4	3/4		3/4		3/4
6	2,260.89	6	1,903.29	6	1,545.68	6	1,188.08	6	831.01	6	473.43	6	115.83	6	6		6		6
1/4	2,253.44	1/4	1,895.84	1/4	1,538.23	1/4	1,180.63	1/4	823.56	1/4	465.98	1/4	108.38	1/4	1/4		1/4		1/4
1/2	2,245.99	1/2	1,888.38	1/2	1,530.78	1/2	1,173.18	1/2	816.12	1/2	458.53	1/2	100.94	1/2	1/2		1/2		1/2
3/4	2,238.54	3/4	1,880.93	3/4	1,523.33	3/4	1,165.73	3/4	808.67	3/4	451.08	3/4	93.49	3/4	3/4		3/4		3/4
7	2,231.09	7	1,873.48	7	1,515.88	7	1,158.28	7	801.22	7	443.63	7	86.04	7	7		7		7
1/4	2,223.64	1/4	1,866.03	1/4	1,508.43	1/4	1,150.83	1/4	793.77	1/4	436.18	1/4	78.59	1/4	1/4		1/4		1/4
1/2	2,216.19	1/2	1,858.58	1/2	1,500.98	1/2	1,143.38	1/2	786.32	1/2	428.73	1/2	71.37	1/2	1/2		1/2		1/2
3/4	2,208.74	3/4	1,851.13	3/4	1,493.53	3/4	1,135.93	3/4	778.87	3/4	421.28	3/4	64.38	3/4	3/4		3/4		3/4
8	2,201.29	8	1,843.68	8	1,486.08	8	1,128.48	8	771.42	8	413.83	8	57.40	8	8		8		8
1/4	2,193.84	1/4	1,836.23	1/4	1,478.63	1/4	1,121.04	1/4	763.97	1/4	406.38	1/4	50.42	1/4	1/4		1/4		1/4
1/2	2,186.39	1/2	1,828.78	1/2	1,471.18	1/2	1,113.59	1/2	756.52	1/2	398.93	1/2	44.13	1/2	1/2		1/2		1/2
3/4	2,178.94	3/4	1,821.33	3/4	1,463.73	3/4	1,106.15	3/4	749.07	3/4	391.48	3/4	38.54	3/4	3/4		3/4		3/4
9	2,171.49	9	1,813.88	9	1,456.28	9	1,098.71	9	741.62	9	384.03	9	32.96	9	9		9		9
1/4	2,164.04	1/4	1,806.43	1/4	1,448.83	1/4	1,091.27	1/4	734.17	1/4	376.58	1/4	27.37	1/4	1/4		1/4		1/4
1/2	2,156.59	1/2	1,798.98	1/2	1,441.38	1/2	1,083.83	1/2	726.72	1/2	369.13	1/2	22.71	1/2	1/2		1/2		1/2
3/4	2,149.14	3/4	1,791.53	3/4	1,433.93	3/4	1,076.39	3/4	719.27	3/4	361.68	3/4	18.99	3/4	3/4		3/4		3/4
10	2,141.69	10	1,784.08	10	1,426.48	10	1,068.95	10	711.82	10	354.23	10		10	10		10		10
1/4	2,134.24	1/4	1,776.63	1/4	1,419.03	1/4	1,061.51	1/4	704.37	1/4	346.78	1/4		1/4	1/4		1/4		1/4
1/2	2,126.79	1/2	1,769.18	1/2	1,411.58	1/2	1,054.08	1/2	696.92	1/2	339.33	1/2		1/2	1/2		1/2		1/2
3/4	2,119.34	3/4	1,761.73	3/4	1,404.13	3/4	1,046.64	3/4	689.47	3/4	331.88	3/4		3/4	3/4		3/4		3/4
11	2,111.89	11	1,754.28	11	1,396.68	11	1,039.21	11	682.02	11	324.43	11		11	11		11		11
1/4	2,104.44	1/4	1,746.83	1/4	1,389.23	1/4	1,031.77	1/4	674.57	1/4	316.98	1/4		1/4	1/4		1/4		1/4
1/2	2,096.99	1/2	1,739.38	1/2	1,381.78	1/2	1,024.34	1/2	667.12	1/2	309.53	1/2		1/2	1/2		1/2		1/2
3/4	2,089.54	3/4	1,731.93	3/4	1,374.33	3/4	1,016.90	3/4	659.67	3/4	302.08	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 06/01/2015 CL
RECALCULATED: 11/08/2023 JS
NAME CHANGE: 11/08/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 11/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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