BARGE "KIRBY 29095"

ULLAGE TRIM TABLE
FORMERLY BOI L1

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN	BOW	STERN
1 PORT	- 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
1 STBD	- 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 PORT	- 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 STBD	- 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
3 PORT	01-1/4	- 01-1/4	02-1/2	- 02-1/2	03-3/4	- 03-3/4	05-0/8	- 05-0/8	06-1/4	- 06-1/4	07-1/2	- 07-1/2
3 STBD	01-1/4	- 01-1/4	02-1/2	- 02-1/2	03-3/4	- 03-3/4	05-0/8	- 05-0/8	06-1/4	- 06-1/4	07-1/2	- 07-1/2

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 237'-06"

June 2, 2020

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

http://www.pmacorp.net

BARGE "KIRBY 29095"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 1/2"

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		0	4,688.77	0	4,332.47	0	3,974.90	0	3,617.27	0	3,259.64	0	2,902.01
1/4		1/4		1/4		1/4		1/4	4,681.38	1/4	4,325.04	1/4	3,967.45	1/4	3,609.82	1/4	3,252.19	1/4	2,894.55
1/2		1/2		1/2		1/2	5,011.76	1/2	4,674.00	1/2	4,317.60	1/2	3,960.00	1/2	3,602.37	1/2	3,244.74	1/2	2,887.10
3/4		3/4		3/4		3/4	5,007.03	3/4	4,666.61	3/4	4,310.16	3/4	3,952.55	3/4	3,594.92	3/4	3,237.29	3/4	2,879.64
1		1		1		1	5,002.30	1	4,659.22	1	4,302.72	1	3,945.10	1	3,587.47	1	3,229.84	1	2,872.19
1/4		1/4		1/4		1/4	4,997.57	1/4	4,651.83	1/4	4,295.28	1/4	3,937.65	1/4	3,580.02	1/4	3,222.39	1/4	2,864.73
1/2		1/2		1/2		1/2	4,991.77	1/2	4,644.42	1/2	4,287.83	1/2	3,930.20	1/2	3,572.57	1/2	3,214.94	1/2	2,857.28
3/4		3/4		3/4		3/4	4,985.98	3/4	4,637.01	3/4	4,280.38	3/4	3,922.75	3/4	3,565.12	3/4	3,207.49	3/4	2,849.82
2		2		2		2	4,980.18	2	4,629.60	2	4,272.93	2	3,915.30	2	3,557.67	2	3,200.04	2	2,842.37
1/4		1/4		1/4		1/4	4,974.39	1/4	4,622.19	1/4	4,265.48	1/4	3,907.85	1/4	3,550.22	1/4	3,192.59	1/4	2,834.91
1/2		1/2		1/2		1/2	4,967.59	1/2	4,614.76	1/2	4,258.03	1/2	3,900.40	1/2	3,542.77	1/2	3,185.14	1/2	2,827.46
3/4		3/4		3/4		3/4	4,960.80	3/4	4,607.34	3/4	4,250.57	3/4	3,892.95	3/4	3,535.32	3/4	3,177.69	3/4	2,820.01
3		3		3		3	4,954.00	3	4,599.91	3	4,243.12	3	3,885.50	3	3,527.87	3	3,170.24	3	2,812.55
1/4		1/4		1/4		1/4	4,947.21	1/4	4,592.48	1/4	4,235.67	1/4	3,878.04	1/4	3,520.42	1/4	3,162.79	1/4	2,805.10
1/2		1/2		1/2		1/2	4,939.88	1/2	4,585.05	1/2	4,228.22	1/2	3,870.59	1/2	3,512.97	1/2	3,155.34	1/2	2,797.64
3/4		3/4		3/4		3/4	4,932.55	3/4	4,577.62	3/4	4,220.77	3/4	3,863.14	3/4	3,505.51	3/4	3,147.89	3/4	2,790.19
4		4		4		4	4,925.22	4	4,570.19	4	4,213.32	4	3,855.69	4	3,498.06	4	3,140.44	4	2,782.73
1/4		1/4		1/4		1/4	4,917.89	1/4	4,562.76	1/4	4,205.87	1/4	3,848.24	1/4	3,490.61	1/4	3,132.98	1/4	2,775.28
1/2		1/2		1/2		1/2	4,910.50	1/2	4,555.33	1/2	4,198.42	1/2	3,840.79	1/2	3,483.16	1/2	3,125.53	1/2	2,767.82
3/4		3/4		3/4		3/4	4,903.11	3/4	4,547.90	3/4	4,190.97	3/4	3,833.34	3/4	3,475.71	3/4	3,118.08	3/4	2,760.37
5		5		5		5	4,895.71	5	4,540.48	5	4,183.52	5	3,825.89	5	3,468.26	5	3,110.63	5	2,752.91
1/4		1/4		1/4		1/4	4,888.32	1/4	4,533.05	1/4	4,176.07	1/4	3,818.44	1/4	3,460.81	1/4	3,103.18	1/4	2,745.46
1/2		1/2		1/2		1/2	4,880.93	1/2	4,525.62	1/2	4,168.62	1/2	3,810.99	1/2	3,453.36	1/2	3,095.73	1/2	2,738.01
3/4		3/4		3/4		3/4	4,873.54	3/4	4,518.19	3/4	4,161.17	3/4	3,803.54	3/4	3,445.91	3/4	3,088.28	3/4	2,730.55
6		6		6		6	4,866.14	6	4,510.76	6	4,153.72	6	3,796.09	6	3,438.46	6	3,080.83	6	2,723.10
1/4		1/4		1/4		1/4	4,858.75	1/4	4,503.33	1/4	4,146.27	1/4	3,788.64	1/4	3,431.01	1/4	3,073.38	1/4	2,715.64
1/2		1/2		1/2		1/2	4,851.36	1/2	4,495.90	1/2	4,138.82	1/2	3,781.19	1/2	3,423.56	1/2	3,065.93	1/2	2,708.19
3/4		3/4		3/4		3/4	4,843.96	3/4	4,488.47	3/4	4,131.36	3/4	3,773.74	3/4	3,416.11	3/4	3,058.48	3/4	2,700.73
7		7		7		7	4,836.57	7	4,481.04	7	4,123.91	7	3,766.29	7	3,408.66	7	3,051.03	7	2,693.28
1/4		1/4		1/4		1/4	4,829.18	1/4	4,473.62	1/4	4,116.46	1/4	3,758.83	1/4	3,401.21	1/4	3,043.58	1/4	2,685.82
1/2		1/2		1/2		1/2	4,821.79	1/2	4,466.19	1/2	4,109.01	1/2	3,751.38	1/2	3,393.76	1/2	3,036.13	1/2	2,678.37
3/4		3/4		3/4		3/4	4,814.39	3/4	4,458.76	3/4	4,101.56	3/4	3,743.93	3/4	3,386.30	3/4	3,028.68	3/4	2,670.91
8		8		8		8	4,807.00	8	4,451.33	8	4,094.11	8	3,736.48	8	3,378.85	8	3,021.23	8	2,663.46
1/4		1/4		1/4		1/4	4,799.61	1/4	4,443.90	1/4	4,086.66	1/4	3,729.03	1/4	3,371.40	1/4	3,013.77	1/4	2,656.00
1/2		1/2		1/2		1/2	4,792.22	1/2	4,436.47	1/2	4,079.21	1/2	3,721.58	1/2	3,363.95	1/2	3,006.32	1/2	2,648.55
3/4		3/4		3/4		3/4	4,784.83	3/4	4,429.04	3/4	4,071.76	3/4	3,714.13	3/4	3,356.50	3/4	2,998.87	3/4	2,641.10
9		9		9		9	4,777.44	9	4,421.61	9	4,064.31	9	3,706.68	9	3,349.05	9	2,991.42	9	2,633.64
1/4		1/4		1/4		1/4	4,770.05	1/4	4,414.18	1/4	4,056.86	1/4	3,699.23	1/4	3,341.60	1/4	2,983.97	1/4	2,626.19
1/2		1/2		1/2		1/2	4,762.67	1/2	4,406.76	1/2	4,049.41	1/2	3,691.78	1/2	3,334.15	1/2	2,976.52	1/2	2,618.73
3/4		3/4		3/4		3/4	4,755.28	3/4	4,399.33	3/4	4,041.96	3/4	3,684.33	3/4	3,326.70	3/4	2,969.07	3/4	2,611.28
10		10		10		10	4,747.89	10	4,391.90	10	4,034.51	10	3,676.88	10	3,319.25	10	2,961.62	10	2,603.82
1/4		1/4		1/4		1/4	4,740.50	1/4	4,384.47	1/4	4,027.06	1/4	3,669.43	1/4	3,311.80	1/4	2,954.17	1/4	2,596.37
1/2		1/2		1/2		1/2	4,733.11	1/2	4,377.04	1/2	4,019.61	1/2	3,661.98	1/2	3,304.35	1/2	2,946.72	1/2	2,588.91
3/4		3/4		3/4		3/4	4,725.72	3/4	4,369.61	3/4	4,012.16	3/4	3,654.53	3/4	3,296.90	3/4	2,939.27	3/4	2,581.46
11		11		11		11	4,718.33	11	4,362.18	11	4,004.70	11	3,647.08	11	3,289.45	11	2,931.82	11	2,574.00
1/4		1/4		1/4		1/4	4,710.94	1/4	4,354.75	1/4	3,997.25	1/4	3,639.63	1/4	3,282.00	1/4	2,924.37	1/4	2,566.55
1/2		1/2		1/2		1/2	4,703.55	1/2	4,347.32	1/2	3,989.80	1/2	3,632.17	1/2	3,274.55	1/2	2,916.91	1/2	2,559.09
3/4		3/4		3/4		3/4	4,696.16	3/4	4,339.90	3/4	3,982.35	3/4	3,624.72	3/4	3,267.10	3/4	2,909.46	3/4	2,551.64

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29095"

1 PORT

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 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	2,544.19	0	2,186.36	0	1,828.54	0	1,470.72	0	1,112.95	0	757.27	0	404.08	0	89.39	0		0	
1/4	2,536.73	1/4	2,178.91	1/4	1,821.09	1/4	1,463.27	1/4	1,105.51	1/4	749.84	1/4	397.03	1/4	83.29	1/4		1/4	
1/2	2,529.28	1/2	2,171.46	1/2	1,813.63	1/2	1,455.81	1/2	1,098.08	1/2	742.39	1/2	390.07	1/2	77.27	1/2		1/2	
3/4	2,521.82	3/4	2,164.00	3/4	1,806.18	3/4	1,448.36	3/4	1,090.66	3/4	734.93	3/4	383.10	3/4	71.24	3/4		3/4	
1	2,514.37	1	2,156.55	1	1,798.73	1	1,440.90	1	1,083.23	1	727.48	1	376.14	1	65.22	1		1	
1/4	2,506.91	1/4	2,149.09	1/4	1,791.27	1/4	1,433.45	1/4	1,075.81	1/4	720.02	1/4	369.17	1/4	59.20	1/4		1/4	
1/2	2,499.46	1/2	2,141.64	1/2	1,783.82	1/2	1,426.00	1/2	1,068.39	1/2	712.57	1/2	362.28	1/2	53.73	1/2		1/2	
3/4	2,492.00	3/4	2,134.18	3/4	1,776.36	3/4	1,418.54	3/4	1,060.97	3/4	705.11	3/4	355.39	3/4	48.25	3/4		3/4	
2	2,484.55	2	2,126.73	2	1,768.91	2	1,411.09	2	1,053.55	2	697.66	2	348.50	2	42.78	2		2	
1/4	2,477.09	1/4	2,119.27	1/4	1,761.45	1/4	1,403.63	1/4	1,046.13	1/4	690.21	1/4	341.61	1/4	37.30	1/4		1/4	
1/2	2,469.64	1/2	2,111.82	1/2	1,754.00	1/2	1,396.18	1/2	1,038.72	1/2	682.75	1/2	334.79	1/2	33.31	1/2		1/2	
3/4	2,462.18	3/4	2,104.36	3/4	1,746.54	3/4	1,388.72	3/4	1,031.31	3/4	675.30	3/4	327.97	3/4	29.31	3/4		3/4	
3	2,454.73	3	2,096.91	3	1,739.09	3	1,381.27	3	1,023.90	3	667.84	3	321.16	3	25.32	3		3	
1/4	2,447.28	1/4	2,089.45	1/4	1,731.63	1/4	1,373.81	1/4	1,016.49	1/4	660.39	1/4	314.34	1/4	21.32	1/4		1/4	
1/2	2,439.82	1/2	2,082.00	1/2	1,724.18	1/2	1,366.36	1/2	1,009.08	1/2	652.93	1/2	307.60	1/2	18.41	1/2		1/2	
3/4	2,432.37	3/4	2,074.55	3/4	1,716.72	3/4	1,358.90	3/4	1,001.68	3/4	645.48	3/4	300.87	3/4		3/4		3/4	
4	2,424.91	4	2,067.09	4	1,709.27	4	1,351.45	4	994.27	4	638.03	4	294.13	4		4		4	
1/4	2,417.46	1/4	2,059.64	1/4	1,701.82	1/4	1,343.99	1/4	986.86	1/4	630.57	1/4	287.39	1/4		1/4		1/4	
1/2	2,410.00	1/2	2,052.18	1/2	1,694.36	1/2	1,336.54	1/2	979.46	1/2	623.12	1/2	280.74	1/2		1/2		1/2	
3/4	2,402.55	3/4	2,044.73	3/4	1,686.91	3/4	1,329.09	3/4	972.05	3/4	615.66	3/4	274.08	3/4		3/4		3/4	
5	2,395.09	5	2,037.27	5	1,679.45	5	1,321.63	5	964.65	5	608.21	5	267.42	5		5		5	
1/4	2,387.64	1/4	2,029.82	1/4	1,672.00	1/4	1,314.18	1/4	957.25	1/4	600.75	1/4	260.77	1/4		1/4		1/4	
1/2	2,380.18	1/2	2,022.36	1/2	1,664.54	1/2	1,306.72	1/2	949.84	1/2	593.30	1/2	254.19	1/2		1/2		1/2	
3/4	2,372.73	3/4	2,014.91	3/4	1,657.09	3/4	1,299.27	3/4	942.44	3/4	585.84	3/4	247.62	3/4		3/4		3/4	
6	2,365.28	6	2,007.45	6	1,649.63	6	1,291.81	6	935.04	6	578.39	6	241.04	6		6		6	
1/4	2,357.82	1/4	2,000.00	1/4	1,642.18	1/4	1,284.36	1/4	927.63	1/4	570.94	1/4	234.47	1/4		1/4		1/4	
1/2	2,350.37	1/2	1,992.55	1/2	1,634.72	1/2	1,276.90	1/2	920.23	1/2	563.50	1/2	227.97	1/2		1/2		1/2	
3/4	2,342.91	3/4	1,985.09	3/4	1,627.27	3/4	1,269.45	3/4	912.82	3/4	556.07	3/4	221.48	3/4		3/4		3/4	
7	2,335.46	7	1,977.64	7	1,619.82	7	1,261.99	7	905.42	7	548.64	7	214.99	7		7		7	
1/4	2,328.00	1/4	1,970.18	1/4	1,612.36	1/4	1,254.54	1/4	898.02	1/4	541.21	1/4	208.49	1/4		1/4		1/4	
1/2	2,320.55	1/2	1,962.73	1/2	1,604.91	1/2	1,247.09	1/2	890.61	1/2	533.84	1/2	202.08	1/2		1/2		1/2	
3/4	2,313.09	3/4	1,955.27	3/4	1,597.45	3/4	1,239.63	3/4	883.21	3/4	526.47	3/4	195.67	3/4		3/4		3/4	
8	2,305.64	8	1,947.82	8	1,590.00	8	1,232.18	8	875.81	8	519.10	8	189.26	8		8		8	
1/4	2,298.18	1/4	1,940.36	1/4	1,582.54	1/4	1,224.72	1/4	868.40	1/4	511.73	1/4	182.84	1/4		1/4		1/4	
1/2	2,290.73	1/2	1,932.91	1/2	1,575.09	1/2	1,217.27	1/2	861.00	1/2	504.44	1/2	176.51	1/2		1/2		1/2	
3/4	2,283.27	3/4	1,925.45	3/4	1,567.63	3/4	1,209.81	3/4	853.59	3/4	497.15	3/4	170.17	3/4		3/4		3/4	
9	2,275.82	9	1,918.00	9	1,560.18	9	1,202.36	9	846.19	9	489.86	9	163.83	9		9		9	
1/4	2,268.37	1/4	1,910.54	1/4	1,552.72	1/4	1,194.90	1/4	838.79	1/4	482.57	1/4	157.49	1/4		1/4		1/4	
1/2	2,260.91	1/2	1,903.09	1/2	1,545.27	1/2	1,187.45	1/2	831.38	1/2	475.36	1/2	151.23	1/2		1/2		1/2	
3/4	2,253.46	3/4	1,895.64	3/4	1,537.81	3/4	1,179.99	3/4	823.98	3/4	468.15	3/4	144.97	3/4		3/4		3/4	
10	2,246.00	10	1,888.18	10	1,530.36	10	1,172.54	10	816.58	10	460.94	10	138.70	10		10		10	
1/4	2,238.55	1/4	1,880.73	1/4	1,522.91	1/4	1,165.08	1/4	809.17	1/4	453.73	1/4	132.44	1/4		1/4		1/4	
1/2	2,231.09	1/2	1,873.27	1/2	1,515.45	1/2	1,157.63	1/2	801.77	1/2	446.60	1/2	126.25	1/2		1/2		1/2	
3/4	2,223.64	3/4	1,865.82	3/4	1,508.00	3/4	1,150.18	3/4	794.36	3/4	439.47	3/4	120.07	3/4		3/4		3/4	
11	2,216.18	11	1,858.36	11	1,500.54	11	1,142.72	11	786.96	11	432.35	11	113.89	11		11		11	
1/4	2,208.73	1/4	1,850.91	1/4	1,493.09	1/4	1,135.27	1/4	779.56	1/4	425.22	1/4	107.70	1/4		1/4		1/4	
1/2	2,201.27	1/2	1,843.45	1/2	1,485.63	1/2	1,127.83	1/2	772.13	1/2	418.17	1/2	101.60	1/2		1/2		1/2	
3/4	2,193.82	3/4	1,836.00	3/4	1,478.18	3/4	1,120.39	3/4	764.70	3/4	411.12	3/4	95.50	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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

BARGE "KIRBY 29095"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 3/4"

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		0	4,697.83	0	4,341.57	0	3,984.02	0	3,626.40	0	3,268.78	0	2,911.16
1/4		1/4		1/4		1/4		1/4	4,690.44	1/4	4,334.14	1/4	3,976.57	1/4	3,618.95	1/4	3,261.33	1/4	2,903.71
1/2		1/2		1/2		1/2		1/2	4,683.05	1/2	4,326.71	1/2	3,969.12	1/2	3,611.50	1/2	3,253.88	1/2	2,896.25
3/4		3/4		3/4		3/4	5,013.41	3/4	4,675.67	3/4	4,319.27	3/4	3,961.67	3/4	3,604.05	3/4	3,246.43	3/4	2,888.80
1		1		1		1	5,008.68	1	4,668.28	1	4,311.82	1	3,954.22	1	3,596.60	1	3,238.98	1	2,881.34
1/4		1/4		1/4		1/4	5,003.95	1/4	4,660.89	1/4	4,304.38	1/4	3,946.77	1/4	3,589.15	1/4	3,231.53	1/4	2,873.89
1/2		1/2		1/2		1/2	4,999.22	1/2	4,653.50	1/2	4,296.94	1/2	3,939.32	1/2	3,581.70	1/2	3,224.08	1/2	2,866.44
3/4		3/4		3/4		3/4	4,993.42	3/4	4,646.09	3/4	4,289.49	3/4	3,931.87	3/4	3,574.25	3/4	3,216.63	3/4	2,858.98
2		2		2		2	4,987.63	2	4,638.68	2	4,282.04	2	3,924.42	2	3,566.80	2	3,209.18	2	2,851.53
1/4		1/4		1/4		1/4	4,981.83	1/4	4,631.27	1/4	4,274.59	1/4	3,916.97	1/4	3,559.35	1/4	3,201.73	1/4	2,844.07
1/2		1/2		1/2		1/2	4,976.04	1/2	4,623.86	1/2	4,267.14	1/2	3,909.52	1/2	3,551.90	1/2	3,194.28	1/2	2,836.62
3/4		3/4		3/4		3/4	4,969.24	3/4	4,616.43	3/4	4,259.69	3/4	3,902.07	3/4	3,544.45	3/4	3,186.83	3/4	2,829.16
3		3		3		3	4,962.45	3	4,609.01	3	4,252.23	3	3,894.62	3	3,537.00	3	3,179.38	3	2,821.71
1/4		1/4		1/4		1/4	4,955.66	1/4	4,601.58	1/4	4,244.78	1/4	3,887.17	1/4	3,529.55	1/4	3,171.93	1/4	2,814.25
1/2		1/2		1/2		1/2	4,948.86	1/2	4,594.15	1/2	4,237.33	1/2	3,879.71	1/2	3,522.10	1/2	3,164.48	1/2	2,806.80
3/4		3/4		3/4		3/4	4,941.54	3/4	4,586.72	3/4	4,229.88	3/4	3,872.26	3/4	3,514.65	3/4	3,157.03	3/4	2,799.35
4		4		4		4	4,934.21	4	4,579.29	4	4,222.43	4	3,864.81	4	3,507.19	4	3,149.58	4	2,791.89
1/4		1/4		1/4		1/4	4,926.89	1/4	4,571.86	1/4	4,214.98	1/4	3,857.36	1/4	3,499.74	1/4	3,142.13	1/4	2,784.44
1/2		1/2		1/2		1/2	4,919.56	1/2	4,564.43	1/2	4,207.53	1/2	3,849.91	1/2	3,492.29	1/2	3,134.67	1/2	2,776.98
3/4		3/4		3/4		3/4	4,912.17	3/4	4,557.00	3/4	4,200.08	3/4	3,842.46	3/4	3,484.84	3/4	3,127.22	3/4	2,769.53
5		5		5		5	4,904.78	5	4,549.57	5	4,192.63	5	3,835.01	5	3,477.39	5	3,119.77	5	2,762.07
1/4		1/4		1/4		1/4	4,897.38	1/4	4,542.15	1/4	4,185.18	1/4	3,827.56	1/4	3,469.94	1/4	3,112.32	1/4	2,754.62
1/2		1/2		1/2		1/2	4,889.99	1/2	4,534.72	1/2	4,177.73	1/2	3,820.11	1/2	3,462.49	1/2	3,104.87	1/2	2,747.16
3/4		3/4		3/4		3/4	4,882.60	3/4	4,527.29	3/4	4,170.28	3/4	3,812.66	3/4	3,455.04	3/4	3,097.42	3/4	2,739.71
6		6		6		6	4,875.20	6	4,519.86	6	4,162.83	6	3,805.21	6	3,447.59	6	3,089.97	6	2,732.25
1/4		1/4		1/4		1/4	4,867.81	1/4	4,512.43	1/4	4,155.38	1/4	3,797.76	1/4	3,440.14	1/4	3,082.52	1/4	2,724.80
1/2		1/2		1/2		1/2	4,860.42	1/2	4,505.00	1/2	4,147.93	1/2	3,790.31	1/2	3,432.69	1/2	3,075.07	1/2	2,717.35
3/4		3/4		3/4		3/4	4,853.02	3/4	4,497.57	3/4	4,140.48	3/4	3,782.86	3/4	3,425.24	3/4	3,067.62	3/4	2,709.89
7		7		7		7	4,845.63	7	4,490.14	7	4,133.03	7	3,775.41	7	3,417.79	7	3,060.17	7	2,702.44
1/4		1/4		1/4		1/4	4,838.24	1/4	4,482.72	1/4	4,125.58	1/4	3,767.96	1/4	3,410.34	1/4	3,052.72	1/4	2,694.98
1/2		1/2		1/2		1/2	4,830.84	1/2	4,475.29	1/2	4,118.13	1/2	3,760.51	1/2	3,402.89	1/2	3,045.27	1/2	2,687.53
3/4		3/4		3/4		3/4	4,823.45	3/4	4,467.86	3/4	4,110.68	3/4	3,753.06	3/4	3,395.44	3/4	3,037.82	3/4	2,680.07
8		8		8		8	4,816.06	8	4,460.43	8	4,103.23	8	3,745.61	8	3,387.99	8	3,030.37	8	2,672.62
1/4		1/4		1/4		1/4	4,808.67	1/4	4,453.00	1/4	4,095.78	1/4	3,738.16	1/4	3,380.54	1/4	3,022.92	1/4	2,665.16
1/2		1/2		1/2		1/2	4,801.28	1/2	4,445.57	1/2	4,088.33	1/2	3,730.71	1/2	3,373.09	1/2	3,015.47	1/2	2,657.71
3/4		3/4		3/4		3/4	4,793.89	3/4	4,438.14	3/4	4,080.88	3/4	3,723.26	3/4	3,365.64	3/4	3,008.02	3/4	2,650.26
9		9		9		9	4,786.50	9	4,430.71	9	4,073.43	9	3,715.81	9	3,358.19	9	3,000.57	9	2,642.80
1/4		1/4		1/4		1/4	4,779.11	1/4	4,423.29	1/4	4,065.97	1/4	3,708.36	1/4	3,350.74	1/4	2,993.12	1/4	2,635.35
1/2		1/2		1/2		1/2	4,771.72	1/2	4,415.86	1/2	4,058.52	1/2	3,700.91	1/2	3,343.29	1/2	2,985.67	1/2	2,627.89
3/4		3/4		3/4		3/4	4,764.33	3/4	4,408.43	3/4	4,051.07	3/4	3,693.45	3/4	3,335.84	3/4	2,978.22	3/4	2,620.44
10		10		10		10	4,756.95	10	4,401.00	10	4,043.62	10	3,686.00	10	3,328.39	10	2,970.77	10	2,612.98
1/4		1/4		1/4		1/4	4,749.56	1/4	4,393.57	1/4	4,036.17	1/4	3,678.55	1/4	3,320.93	1/4	2,963.32	1/4	2,605.53
1/2		1/2		1/2		1/2	4,742.17	1/2	4,386.14	1/2	4,028.72	1/2	3,671.10	1/2	3,313.48	1/2	2,955.87	1/2	2,598.07
3/4		3/4		3/4		3/4	4,734.78	3/4	4,378.71	3/4	4,021.27	3/4	3,663.65	3/4	3,306.03	3/4	2,948.41	3/4	2,590.62
11		11		11		11	4,727.39	11	4,371.28	11	4,013.82	11	3,656.20	11	3,298.58	11	2,940.96	11	2,583.16
1/4		1/4		1/4		1/4	4,720.00	1/4	4,363.85	1/4	4,006.37	1/4	3,648.75	1/4	3,291.13	1/4	2,933.51	1/4	2,575.71
1/2		1/2		1/2		1/2	4,712.61	1/2	4,356.43	1/2	3,998.92	1/2	3,641.30	1/2	3,283.68	1/2	2,926.06	1/2	2,568.26
3/4		3/4		3/4		3/4	4,705.22	3/4	4,349.00	3/4	3,991.47	3/4	3,633.85	3/4	3,276.23	3/4	2,918.61	3/4	2,560.80

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

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

BARGE "KIRBY 29095"

1 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 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	2,553.35	0	2,195.53	0	1,837.71	0	1,479.90	0	1,122.08	0	764.75	0	411.20	0	95.52	0		0	
1/4	2,545.89	1/4	2,188.08	1/4	1,830.26	1/4	1,472.44	1/4	1,114.63	1/4	757.30	1/4	404.15	1/4	89.42	1/4		1/4	
1/2	2,538.44	1/2	2,180.62	1/2	1,822.81	1/2	1,464.99	1/2	1,107.17	1/2	749.85	1/2	397.10	1/2	83.31	1/2		1/2	
3/4	2,530.98	3/4	2,173.17	3/4	1,815.35	3/4	1,457.54	3/4	1,099.72	3/4	742.40	3/4	390.14	3/4	77.29	3/4		3/4	
1	2,523.53	1	2,165.71	1	1,807.90	1	1,450.08	1	1,092.26	1	734.95	1	383.17	1	71.26	1		1	
1/4	2,516.07	1/4	2,158.26	1/4	1,800.44	1/4	1,442.63	1/4	1,084.81	1/4	727.49	1/4	376.21	1/4	65.24	1/4		1/4	
1/2	2,508.62	1/2	2,150.80	1/2	1,792.99	1/2	1,435.17	1/2	1,077.36	1/2	720.04	1/2	369.24	1/2	59.22	1/2		1/2	
3/4	2,501.17	3/4	2,143.35	3/4	1,785.53	3/4	1,427.72	3/4	1,069.90	3/4	712.58	3/4	362.35	3/4	53.74	3/4		3/4	
2	2,493.71	2	2,135.89	2	1,778.08	2	1,420.26	2	1,062.45	2	705.13	2	355.46	2	48.26	2		2	
1/4	2,486.26	1/4	2,128.44	1/4	1,770.62	1/4	1,412.81	1/4	1,055.00	1/4	697.67	1/4	348.57	1/4	42.79	1/4		1/4	
1/2	2,478.80	1/2	2,120.99	1/2	1,763.17	1/2	1,405.35	1/2	1,047.55	1/2	690.22	1/2	341.67	1/2	37.31	1/2		1/2	
3/4	2,471.35	3/4	2,113.53	3/4	1,755.72	3/4	1,397.90	3/4	1,040.10	3/4	682.77	3/4	334.86	3/4	33.31	3/4		3/4	
3	2,463.89	3	2,106.08	3	1,748.26	3	1,390.44	3	1,032.65	3	675.31	3	328.04	3	29.32	3		3	
1/4	2,456.44	1/4	2,098.62	1/4	1,740.81	1/4	1,382.99	1/4	1,025.21	1/4	667.86	1/4	321.22	1/4	25.32	1/4		1/4	
1/2	2,448.98	1/2	2,091.17	1/2	1,733.35	1/2	1,375.54	1/2	1,017.76	1/2	660.40	1/2	314.40	1/2	21.32	1/2		1/2	
3/4	2,441.53	3/4	2,083.71	3/4	1,725.90	3/4	1,368.08	3/4	1,010.31	3/4	652.95	3/4	307.67	3/4	18.41	3/4		3/4	
4	2,434.07	4	2,076.26	4	1,718.44	4	1,360.63	4	1,002.87	4	645.49	4	300.93	4		4		4	
1/4	2,426.62	1/4	2,068.80	1/4	1,710.99	1/4	1,353.17	1/4	995.43	1/4	638.04	1/4	294.19	1/4		1/4		1/4	
1/2	2,419.17	1/2	2,061.35	1/2	1,703.53	1/2	1,345.72	1/2	987.98	1/2	630.59	1/2	287.45	1/2		1/2		1/2	
3/4	2,411.71	3/4	2,053.90	3/4	1,696.08	3/4	1,338.26	3/4	980.54	3/4	623.13	3/4	280.80	3/4		3/4		3/4	
5	2,404.26	5	2,046.44	5	1,688.62	5	1,330.81	5	973.10	5	615.68	5	274.14	5		5		5	
1/4	2,396.80	1/4	2,038.99	1/4	1,681.17	1/4	1,323.35	1/4	965.66	1/4	608.22	1/4	267.48	1/4		1/4		1/4	
1/2	2,389.35	1/2	2,031.53	1/2	1,673.72	1/2	1,315.90	1/2	958.22	1/2	600.77	1/2	260.82	1/2		1/2		1/2	
3/4	2,381.89	3/4	2,024.08	3/4	1,666.26	3/4	1,308.45	3/4	950.78	3/4	593.31	3/4	254.25	3/4		3/4		3/4	
6	2,374.44	6	2,016.62	6	1,658.81	6	1,300.99	6	943.34	6	585.86	6	247.67	6		6		6	
1/4	2,366.98	1/4	2,009.17	1/4	1,651.35	1/4	1,293.54	1/4	935.90	1/4	578.41	1/4	241.10	1/4		1/4		1/4	
1/2	2,359.53	1/2	2,001.71	1/2	1,643.90	1/2	1,286.08	1/2	928.46	1/2	570.95	1/2	234.52	1/2		1/2		1/2	
3/4	2,352.08	3/4	1,994.26	3/4	1,636.44	3/4	1,278.63	3/4	921.02	3/4	563.52	3/4	228.03	3/4		3/4		3/4	
7	2,344.62	7	1,986.80	7	1,628.99	7	1,271.17	7	913.57	7	556.09	7	221.53	7		7		7	
1/4	2,337.17	1/4	1,979.35	1/4	1,621.53	1/4	1,263.72	1/4	906.13	1/4	548.67	1/4	215.04	1/4		1/4		1/4	
1/2	2,329.71	1/2	1,971.90	1/2	1,614.08	1/2	1,256.26	1/2	898.69	1/2	541.24	1/2	208.54	1/2		1/2		1/2	
3/4	2,322.26	3/4	1,964.44	3/4	1,606.63	3/4	1,248.81	3/4	891.25	3/4	533.87	3/4	202.13	3/4		3/4		3/4	
8	2,314.80	8	1,956.99	8	1,599.17	8	1,241.35	8	883.81	8	526.51	8	195.71	8		8		8	
1/4	2,307.35	1/4	1,949.53	1/4	1,591.72	1/4	1,233.90	1/4	876.37	1/4	519.15	1/4	189.30	1/4		1/4		1/4	
1/2	2,299.89	1/2	1,942.08	1/2	1,584.26	1/2	1,226.45	1/2	868.93	1/2	511.79	1/2	182.89	1/2		1/2		1/2	
3/4	2,292.44	3/4	1,934.62	3/4	1,576.81	3/4	1,218.99	3/4	861.49	3/4	504.50	3/4	176.55	3/4		3/4		3/4	
9	2,284.98	9	1,927.17	9	1,569.35	9	1,211.54	9	854.05	9	497.21	9	170.21	9		9		9	
1/4	2,277.53	1/4	1,919.71	1/4	1,561.90	1/4	1,204.08	1/4	846.61	1/4	489.93	1/4	163.87	1/4		1/4		1/4	
1/2	2,270.08	1/2	1,912.26	1/2	1,554.44	1/2	1,196.63	1/2	839.17	1/2	482.64	1/2	157.53	1/2		1/2		1/2	
3/4	2,262.62	3/4	1,904.81	3/4	1,546.99	3/4	1,189.17	3/4	831.73	3/4	475.43	3/4	151.27	3/4		3/4		3/4	
10	2,255.17	10	1,897.35	10	1,539.53	10	1,181.72	10	824.29	10	468.22	10	145.00	10		10		10	
1/4	2,247.71	1/4	1,889.90	1/4	1,532.08	1/4	1,174.26	1/4	816.85	1/4	461.01	1/4	138.74	1/4		1/4		1/4	
1/2	2,240.26	1/2	1,882.44	1/2	1,524.63	1/2	1,166.81	1/2	809.41	1/2	453.80	1/2	132.47	1/2		1/2		1/2	
3/4	2,232.80	3/4	1,874.99	3/4	1,517.17	3/4	1,159.36	3/4	801.97	3/4	446.68	3/4	126.29	3/4		3/4		3/4	
11	2,225.35	11	1,867.53	11	1,509.72	11	1,151.90	11	794.52	11	439.55	11	120.10	11		11		11	
1/4	2,217.89	1/4	1,860.08	1/4	1,502.26	1/4	1,144.45	1/4	787.08	1/4	432.42	1/4	113.92	1/4		1/4		1/4	
1/2	2,210.44	1/2	1,852.62	1/2	1,494.81	1/2	1,136.99	1/2	779.64	1/2	425.29	1/2	107.73	1/2		1/2		1/2	
3/4	2,202.99	3/4	1,845.17	3/4	1,487.35	3/4	1,129.54	3/4	772.20	3/4	418.24	3/4	101.63	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

PRECISION MEASUREMENT
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Pearland, Texas 77588
http://www.pmacorp.net

BARGE "KIRBY 29095"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-04"

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		0	4,775.29	0	4,418.06	0	4,059.53	0	3,700.91	0	3,342.28	0	2,983.65
1/4		1/4		1/4		1/4		1/4	4,767.88	1/4	4,410.61	1/4	4,052.06	1/4	3,693.44	1/4	3,334.81	1/4	2,976.18
1/2		1/2		1/2		1/2		1/2	4,760.47	1/2	4,403.16	1/2	4,044.59	1/2	3,685.96	1/2	3,327.34	1/2	2,968.71
3/4		3/4		3/4		3/4		3/4	4,753.06	3/4	4,395.71	3/4	4,037.12	3/4	3,678.49	3/4	3,319.87	3/4	2,961.24
1		1		1		1	5,084.37	1	4,745.65	1	4,388.25	1	4,029.65	1	3,671.02	1	3,312.39	1	2,953.77
1/4		1/4		1/4		1/4	5,079.63	1/4	4,738.24	1/4	4,380.79	1/4	4,022.18	1/4	3,663.55	1/4	3,304.92	1/4	2,946.29
1/2		1/2		1/2		1/2	5,074.88	1/2	4,730.83	1/2	4,373.32	1/2	4,014.71	1/2	3,656.08	1/2	3,297.45	1/2	2,938.82
3/4		3/4		3/4		3/4	5,070.14	3/4	4,723.42	3/4	4,365.86	3/4	4,007.23	3/4	3,648.61	3/4	3,289.98	3/4	2,931.34
2		2		2		2	5,064.33	2	4,715.99	2	4,358.39	2	3,999.76	2	3,641.14	2	3,282.51	2	2,923.86
1/4		1/4		1/4		1/4	5,058.52	1/4	4,708.56	1/4	4,350.92	1/4	3,992.29	1/4	3,633.66	1/4	3,275.04	1/4	2,916.39
1/2		1/2		1/2		1/2	5,052.70	1/2	4,701.13	1/2	4,343.45	1/2	3,984.82	1/2	3,626.19	1/2	3,267.57	1/2	2,908.91
3/4		3/4		3/4		3/4	5,046.89	3/4	4,693.70	3/4	4,335.98	3/4	3,977.35	3/4	3,618.72	3/4	3,260.09	3/4	2,901.44
3		3		3		3	5,040.08	3	4,686.25	3	4,328.50	3	3,969.88	3	3,611.25	3	3,252.62	3	2,893.96
1/4		1/4		1/4		1/4	5,033.26	1/4	4,678.80	1/4	4,321.03	1/4	3,962.41	1/4	3,603.78	1/4	3,245.15	1/4	2,886.49
1/2		1/2		1/2		1/2	5,026.45	1/2	4,671.35	1/2	4,313.56	1/2	3,954.93	1/2	3,596.31	1/2	3,237.68	1/2	2,879.01
3/4		3/4		3/4		3/4	5,019.63	3/4	4,663.90	3/4	4,306.09	3/4	3,947.46	3/4	3,588.84	3/4	3,230.21	3/4	2,871.54
4		4		4		4	5,012.29	4	4,656.45	4	4,298.62	4	3,939.99	4	3,581.36	4	3,222.74	4	2,864.06
1/4		1/4		1/4		1/4	5,004.94	1/4	4,649.00	1/4	4,291.15	1/4	3,932.52	1/4	3,573.89	1/4	3,215.27	1/4	2,856.58
1/2		1/2		1/2		1/2	4,997.59	1/2	4,641.55	1/2	4,283.68	1/2	3,925.05	1/2	3,566.42	1/2	3,207.79	1/2	2,849.11
3/4		3/4		3/4		3/4	4,990.24	3/4	4,634.10	3/4	4,276.20	3/4	3,917.58	3/4	3,558.95	3/4	3,200.32	3/4	2,841.63
5		5		5		5	4,982.83	5	4,626.65	5	4,268.73	5	3,910.11	5	3,551.48	5	3,192.85	5	2,834.16
1/4		1/4		1/4		1/4	4,975.41	1/4	4,619.20	1/4	4,261.26	1/4	3,902.63	1/4	3,544.01	1/4	3,185.38	1/4	2,826.68
1/2		1/2		1/2		1/2	4,968.00	1/2	4,611.75	1/2	4,253.79	1/2	3,895.16	1/2	3,536.54	1/2	3,177.91	1/2	2,819.21
3/4		3/4		3/4		3/4	4,960.58	3/4	4,604.30	3/4	4,246.32	3/4	3,887.69	3/4	3,529.06	3/4	3,170.44	3/4	2,811.73
6		6		6		6	4,953.17	6	4,596.85	6	4,238.85	6	3,880.22	6	3,521.59	6	3,162.97	6	2,804.26
1/4		1/4		1/4		1/4	4,945.76	1/4	4,589.40	1/4	4,231.38	1/4	3,872.75	1/4	3,514.12	1/4	3,155.49	1/4	2,796.78
1/2		1/2		1/2		1/2	4,938.34	1/2	4,581.95	1/2	4,223.90	1/2	3,865.28	1/2	3,506.65	1/2	3,148.02	1/2	2,789.31
3/4		3/4		3/4		3/4	4,930.93	3/4	4,574.50	3/4	4,216.43	3/4	3,857.81	3/4	3,499.18	3/4	3,140.55	3/4	2,781.83
7		7		7		7	4,923.51	7	4,567.05	7	4,208.96	7	3,850.33	7	3,491.71	7	3,133.08	7	2,774.35
1/4		1/4		1/4		1/4	4,916.10	1/4	4,559.60	1/4	4,201.49	1/4	3,842.86	1/4	3,484.24	1/4	3,125.61	1/4	2,766.88
1/2		1/2		1/2		1/2	4,908.69	1/2	4,552.15	1/2	4,194.02	1/2	3,835.39	1/2	3,476.76	1/2	3,118.14	1/2	2,759.40
3/4		3/4		3/4		3/4	4,901.27	3/4	4,544.70	3/4	4,186.55	3/4	3,827.92	3/4	3,469.29	3/4	3,110.67	3/4	2,751.93
8		8		8		8	4,893.86	8	4,537.25	8	4,179.08	8	3,820.45	8	3,461.82	8	3,103.19	8	2,744.45
1/4		1/4		1/4		1/4	4,886.45	1/4	4,529.80	1/4	4,171.60	1/4	3,812.98	1/4	3,454.35	1/4	3,095.72	1/4	2,736.98
1/2		1/2		1/2		1/2	4,879.04	1/2	4,522.36	1/2	4,164.13	1/2	3,805.51	1/2	3,446.88	1/2	3,088.25	1/2	2,729.50
3/4		3/4		3/4		3/4	4,871.62	3/4	4,514.91	3/4	4,156.66	3/4	3,798.03	3/4	3,439.41	3/4	3,080.78	3/4	2,722.03
9		9		9		9	4,864.21	9	4,507.46	9	4,149.19	9	3,790.56	9	3,431.94	9	3,073.31	9	2,714.55
1/4		1/4		1/4		1/4	4,856.80	1/4	4,500.01	1/4	4,141.72	1/4	3,783.09	1/4	3,424.46	1/4	3,065.84	1/4	2,707.07
1/2		1/2		1/2		1/2	4,849.39	1/2	4,492.56	1/2	4,134.25	1/2	3,775.62	1/2	3,416.99	1/2	3,058.37	1/2	2,699.60
3/4		3/4		3/4		3/4	4,841.98	3/4	4,485.11	3/4	4,126.78	3/4	3,768.15	3/4	3,409.52	3/4	3,050.89	3/4	2,692.12
10		10		10		10	4,834.57	10	4,477.66	10	4,119.31	10	3,760.68	10	3,402.05	10	3,043.42	10	2,684.65
1/4		1/4		1/4		1/4	4,827.16	1/4	4,470.21	1/4	4,111.83	1/4	3,753.21	1/4	3,394.58	1/4	3,035.95	1/4	2,677.17
1/2		1/2		1/2		1/2	4,819.75	1/2	4,462.76	1/2	4,104.36	1/2	3,745.74	1/2	3,387.11	1/2	3,028.48	1/2	2,669.70
3/4		3/4		3/4		3/4	4,812.34	3/4	4,455.31	3/4	4,096.89	3/4	3,738.26	3/4	3,379.64	3/4	3,021.01	3/4	2,662.22
11		11		11		11	4,804.93	11	4,447.86	11	4,089.42	11	3,730.79	11	3,372.17	11	3,013.54	11	2,654.75
1/4		1/4		1/4		1/4	4,797.52	1/4	4,440.41	1/4	4,081.95	1/4	3,723.32	1/4	3,364.69	1/4	3,006.07	1/4	2,647.27
1/2		1/2		1/2		1/2	4,790.11	1/2	4,432.96	1/2	4,074.48	1/2	3,715.85	1/2	3,357.22	1/2	2,998.60	1/2	2,639.80
3/4		3/4		3/4		3/4	4,782.70	3/4	4,425.51	3/4	4,067.01	3/4	3,708.38	3/4	3,349.75	3/4	2,991.12	3/4	2,632.32

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

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

BARGE "KIRBY 29095"

2 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-04"

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	2,624.84	0	2,266.02	0	1,907.20	0	1,548.37	0	1,189.69	0	844.61	0	486.26	0	127.44	0		0	
1/4	2,617.37	1/4	2,258.54	1/4	1,899.72	1/4	1,540.90	1/4	1,182.35	1/4	837.29	1/4	478.78	1/4	119.97	1/4		1/4	
1/2	2,609.89	1/2	2,251.07	1/2	1,892.25	1/2	1,533.42	1/2	1,175.02	1/2	829.97	1/2	471.31	1/2	112.49	1/2		1/2	
3/4	2,602.42	3/4	2,243.59	3/4	1,884.77	3/4	1,525.95	3/4	1,167.69	3/4	822.65	3/4	463.83	3/4	105.02	3/4		3/4	
1	2,594.94	1	2,236.12	1	1,877.29	1	1,518.47	1	1,160.49	1	815.17	1	456.36	1	97.54	1		1	
1/4	2,587.47	1/4	2,228.64	1/4	1,869.82	1/4	1,510.99	1/4	1,153.30	1/4	807.70	1/4	448.88	1/4	90.07	1/4		1/4	
1/2	2,579.99	1/2	2,221.17	1/2	1,862.34	1/2	1,503.52	1/2	1,146.11	1/2	800.22	1/2	441.41	1/2	82.59	1/2		1/2	
3/4	2,572.52	3/4	2,213.69	3/4	1,854.87	3/4	1,496.04	3/4	1,138.91	3/4	792.75	3/4	433.93	3/4	75.12	3/4		3/4	
2	2,565.04	2	2,206.22	2	1,847.39	2	1,488.57	2	1,131.73	2	785.27	2	426.46	2	68.11	2		2	
1/4	2,557.56	1/4	2,198.74	1/4	1,839.92	1/4	1,481.09	1/4	1,124.54	1/4	777.79	1/4	418.98	1/4	61.10	1/4		1/4	
1/2	2,550.09	1/2	2,191.27	1/2	1,832.44	1/2	1,473.62	1/2	1,117.35	1/2	770.32	1/2	411.50	1/2	54.09	1/2		1/2	
3/4	2,542.61	3/4	2,183.79	3/4	1,824.97	3/4	1,466.14	3/4	1,110.17	3/4	762.84	3/4	404.03	3/4	47.08	3/4		3/4	
3	2,535.14	3	2,176.31	3	1,817.49	3	1,458.67	3	1,102.99	3	755.37	3	396.55	3	41.48	3		3	
1/4	2,527.66	1/4	2,168.84	1/4	1,810.01	1/4	1,451.19	1/4	1,095.81	1/4	747.89	1/4	389.08	1/4	35.87	1/4		1/4	
1/2	2,520.19	1/2	2,161.36	1/2	1,802.54	1/2	1,443.72	1/2	1,088.63	1/2	740.42	1/2	381.60	1/2	30.27	1/2		1/2	
3/4	2,512.71	3/4	2,153.89	3/4	1,795.06	3/4	1,436.24	3/4	1,081.45	3/4	732.94	3/4	374.13	3/4	24.66	3/4		3/4	
4	2,505.24	4	2,146.41	4	1,787.59	4	1,428.76	4	1,074.28	4	725.47	4	366.65	4	20.92	4		4	
1/4	2,497.76	1/4	2,138.94	1/4	1,780.11	1/4	1,421.29	1/4	1,067.10	1/4	717.99	1/4	359.18	1/4		1/4		1/4	
1/2	2,490.29	1/2	2,131.46	1/2	1,772.64	1/2	1,413.81	1/2	1,059.92	1/2	710.52	1/2	351.70	1/2		1/2		1/2	
3/4	2,482.81	3/4	2,123.99	3/4	1,765.16	3/4	1,406.34	3/4	1,052.75	3/4	703.04	3/4	344.23	3/4		3/4		3/4	
5	2,475.33	5	2,116.51	5	1,757.69	5	1,398.86	5	1,045.58	5	695.57	5	336.75	5		5		5	
1/4	2,467.86	1/4	2,109.03	1/4	1,750.21	1/4	1,391.39	1/4	1,038.41	1/4	688.09	1/4	329.28	1/4		1/4		1/4	
1/2	2,460.38	1/2	2,101.56	1/2	1,742.74	1/2	1,383.91	1/2	1,031.23	1/2	680.62	1/2	321.80	1/2		1/2		1/2	
3/4	2,452.91	3/4	2,094.08	3/4	1,735.26	3/4	1,376.44	3/4	1,024.06	3/4	673.14	3/4	314.33	3/4		3/4		3/4	
6	2,445.43	6	2,086.61	6	1,727.78	6	1,368.96	6	1,016.89	6	665.67	6	306.85	6		6		6	
1/4	2,437.96	1/4	2,079.13	1/4	1,720.31	1/4	1,361.48	1/4	1,009.72	1/4	658.19	1/4	299.38	1/4		1/4		1/4	
1/2	2,430.48	1/2	2,071.66	1/2	1,712.83	1/2	1,354.01	1/2	1,002.55	1/2	650.71	1/2	291.90	1/2		1/2		1/2	
3/4	2,423.01	3/4	2,064.18	3/4	1,705.36	3/4	1,346.53	3/4	995.37	3/4	643.24	3/4	284.42	3/4		3/4		3/4	
7	2,415.53	7	2,056.71	7	1,697.88	7	1,339.06	7	988.20	7	635.76	7	276.95	7		7		7	
1/4	2,408.05	1/4	2,049.23	1/4	1,690.41	1/4	1,331.58	1/4	981.03	1/4	628.29	1/4	269.47	1/4		1/4		1/4	
1/2	2,400.58	1/2	2,041.76	1/2	1,682.93	1/2	1,324.11	1/2	973.86	1/2	620.81	1/2	262.00	1/2		1/2		1/2	
3/4	2,393.10	3/4	2,034.28	3/4	1,675.46	3/4	1,316.63	3/4	966.69	3/4	613.34	3/4	254.52	3/4		3/4		3/4	
8	2,385.63	8	2,026.80	8	1,667.98	8	1,309.16	8	959.51	8	605.86	8	247.05	8		8		8	
1/4	2,378.15	1/4	2,019.33	1/4	1,660.50	1/4	1,301.68	1/4	952.34	1/4	598.39	1/4	239.57	1/4		1/4		1/4	
1/2	2,370.68	1/2	2,011.85	1/2	1,653.03	1/2	1,294.21	1/2	945.17	1/2	590.91	1/2	232.10	1/2		1/2		1/2	
3/4	2,363.20	3/4	2,004.38	3/4	1,645.55	3/4	1,286.73	3/4	938.00	3/4	583.44	3/4	224.62	3/4		3/4		3/4	
9	2,355.73	9	1,996.90	9	1,638.08	9	1,279.25	9	930.83	9	575.96	9	217.15	9		9		9	
1/4	2,348.25	1/4	1,989.43	1/4	1,630.60	1/4	1,271.78	1/4	923.65	1/4	568.49	1/4	209.67	1/4		1/4		1/4	
1/2	2,340.78	1/2	1,981.95	1/2	1,623.13	1/2	1,264.30	1/2	916.48	1/2	561.01	1/2	202.20	1/2		1/2		1/2	
3/4	2,333.30	3/4	1,974.48	3/4	1,615.65	3/4	1,256.83	3/4	909.31	3/4	553.54	3/4	194.72	3/4		3/4		3/4	
10	2,325.82	10	1,967.00	10	1,608.18	10	1,249.35	10	902.14	10	546.06	10	187.25	10		10		10	
1/4	2,318.35	1/4	1,959.52	1/4	1,600.70	1/4	1,241.88	1/4	894.97	1/4	538.59	1/4	179.77	1/4		1/4		1/4	
1/2	2,310.87	1/2	1,952.05	1/2	1,593.23	1/2	1,234.40	1/2	887.79	1/2	531.11	1/2	172.30	1/2		1/2		1/2	
3/4	2,303.40	3/4	1,944.57	3/4	1,585.75	3/4	1,226.93	3/4	880.62	3/4	523.63	3/4	164.82	3/4		3/4		3/4	
11	2,295.92	11	1,937.10	11	1,578.27	11	1,219.45	11	873.45	11	516.16	11	157.34	11		11		11	
1/4	2,288.45	1/4	1,929.62	1/4	1,570.80	1/4	1,211.97	1/4	866.28	1/4	508.68	1/4	149.87	1/4		1/4		1/4	
1/2	2,280.97	1/2	1,922.15	1/2	1,563.32	1/2	1,204.50	1/2	859.11	1/2	501.21	1/2	142.39	1/2		1/2		1/2	
3/4	2,273.50	3/4	1,914.67	3/4	1,555.85	3/4	1,197.02	3/4	851.93	3/4	493.73	3/4	134.92	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

PRECISION MEASUREMENT
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BARGE "KIRBY 29095"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 1/2"

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		0	4,774.13	0	4,416.84	0	4,058.29	0	3,699.68	0	3,341.07	0	2,982.45
1/4		1/4		1/4		1/4		1/4	4,766.72	1/4	4,409.39	1/4	4,050.82	1/4	3,692.21	1/4	3,333.59	1/4	2,974.97
1/2		1/2		1/2		1/2	5,098.00	1/2	4,759.31	1/2	4,401.93	1/2	4,043.35	1/2	3,684.74	1/2	3,326.12	1/2	2,967.50
3/4		3/4		3/4		3/4	5,093.26	3/4	4,751.90	3/4	4,394.47	3/4	4,035.88	3/4	3,677.26	3/4	3,318.65	3/4	2,960.02
1		1		1		1	5,088.52	1	4,744.49	1	4,387.01	1	4,028.41	1	3,669.79	1	3,311.18	1	2,952.55
1/4		1/4		1/4		1/4	5,083.77	1/4	4,737.08	1/4	4,379.55	1/4	4,020.94	1/4	3,662.32	1/4	3,303.71	1/4	2,945.07
1/2		1/2		1/2		1/2	5,077.96	1/2	4,729.65	1/2	4,372.08	1/2	4,013.46	1/2	3,654.85	1/2	3,296.24	1/2	2,937.60
3/4		3/4		3/4		3/4	5,072.15	3/4	4,722.22	3/4	4,364.61	3/4	4,005.99	3/4	3,647.38	3/4	3,288.77	3/4	2,930.12
2		2		2		2	5,066.34	2	4,714.79	2	4,357.13	2	3,998.52	2	3,639.91	2	3,281.30	2	2,922.65
1/4		1/4		1/4		1/4	5,060.53	1/4	4,707.36	1/4	4,349.66	1/4	3,991.05	1/4	3,632.44	1/4	3,273.83	1/4	2,915.17
1/2		1/2		1/2		1/2	5,053.71	1/2	4,699.91	1/2	4,342.19	1/2	3,983.58	1/2	3,624.97	1/2	3,266.35	1/2	2,907.70
3/4		3/4		3/4		3/4	5,046.90	3/4	4,692.46	3/4	4,334.72	3/4	3,976.11	3/4	3,617.50	3/4	3,258.88	3/4	2,900.22
3		3		3		3	5,040.09	3	4,685.01	3	4,327.25	3	3,968.64	3	3,610.02	3	3,251.41	3	2,892.75
1/4		1/4		1/4		1/4	5,033.27	1/4	4,677.56	1/4	4,319.78	1/4	3,961.17	1/4	3,602.55	1/4	3,243.94	1/4	2,885.27
1/2		1/2		1/2		1/2	5,025.93	1/2	4,670.12	1/2	4,312.31	1/2	3,953.70	1/2	3,595.08	1/2	3,236.47	1/2	2,877.80
3/4		3/4		3/4		3/4	5,018.58	3/4	4,662.67	3/4	4,304.84	3/4	3,946.22	3/4	3,587.61	3/4	3,229.00	3/4	2,870.32
4		4		4		4	5,011.23	4	4,655.22	4	4,297.37	4	3,938.75	4	3,580.14	4	3,221.53	4	2,862.85
1/4		1/4		1/4		1/4	5,003.88	1/4	4,647.77	1/4	4,289.90	1/4	3,931.28	1/4	3,572.67	1/4	3,214.06	1/4	2,855.37
1/2		1/2		1/2		1/2	4,996.47	1/2	4,640.32	1/2	4,282.42	1/2	3,923.81	1/2	3,565.20	1/2	3,206.59	1/2	2,847.90
3/4		3/4		3/4		3/4	4,989.06	3/4	4,632.87	3/4	4,274.95	3/4	3,916.34	3/4	3,557.73	3/4	3,199.11	3/4	2,840.42
5		5		5		5	4,981.64	5	4,625.42	5	4,267.48	5	3,908.87	5	3,550.26	5	3,191.64	5	2,832.94
1/4		1/4		1/4		1/4	4,974.23	1/4	4,617.97	1/4	4,260.01	1/4	3,901.40	1/4	3,542.79	1/4	3,184.17	1/4	2,825.47
1/2		1/2		1/2		1/2	4,966.82	1/2	4,610.52	1/2	4,252.54	1/2	3,893.93	1/2	3,535.31	1/2	3,176.70	1/2	2,817.99
3/4		3/4		3/4		3/4	4,959.40	3/4	4,603.07	3/4	4,245.07	3/4	3,886.46	3/4	3,527.84	3/4	3,169.23	3/4	2,810.52
6		6		6		6	4,951.99	6	4,595.62	6	4,237.60	6	3,878.98	6	3,520.37	6	3,161.76	6	2,803.04
1/4		1/4		1/4		1/4	4,944.57	1/4	4,588.17	1/4	4,230.13	1/4	3,871.51	1/4	3,512.90	1/4	3,154.29	1/4	2,795.57
1/2		1/2		1/2		1/2	4,937.16	1/2	4,580.72	1/2	4,222.66	1/2	3,864.04	1/2	3,505.43	1/2	3,146.82	1/2	2,788.09
3/4		3/4		3/4		3/4	4,929.75	3/4	4,573.27	3/4	4,215.18	3/4	3,856.57	3/4	3,497.96	3/4	3,139.35	3/4	2,780.62
7		7		7		7	4,922.33	7	4,565.82	7	4,207.71	7	3,849.10	7	3,490.49	7	3,131.87	7	2,773.14
1/4		1/4		1/4		1/4	4,914.92	1/4	4,558.37	1/4	4,200.24	1/4	3,841.63	1/4	3,483.02	1/4	3,124.40	1/4	2,765.67
1/2		1/2		1/2		1/2	4,907.51	1/2	4,550.92	1/2	4,192.77	1/2	3,834.16	1/2	3,475.55	1/2	3,116.93	1/2	2,758.19
3/4		3/4		3/4		3/4	4,900.10	3/4	4,543.48	3/4	4,185.30	3/4	3,826.69	3/4	3,468.07	3/4	3,109.46	3/4	2,750.72
8		8		8		8	4,892.69	8	4,536.03	8	4,177.83	8	3,819.22	8	3,460.60	8	3,101.99	8	2,743.24
1/4		1/4		1/4		1/4	4,885.27	1/4	4,528.58	1/4	4,170.36	1/4	3,811.74	1/4	3,453.13	1/4	3,094.52	1/4	2,735.77
1/2		1/2		1/2		1/2	4,877.86	1/2	4,521.13	1/2	4,162.89	1/2	3,804.27	1/2	3,445.66	1/2	3,087.05	1/2	2,728.29
3/4		3/4		3/4		3/4	4,870.45	3/4	4,513.68	3/4	4,155.42	3/4	3,796.80	3/4	3,438.19	3/4	3,079.58	3/4	2,720.82
9		9		9		9	4,863.04	9	4,506.23	9	4,147.94	9	3,789.33	9	3,430.72	9	3,072.11	9	2,713.34
1/4		1/4		1/4		1/4	4,855.63	1/4	4,498.78	1/4	4,140.47	1/4	3,781.86	1/4	3,423.25	1/4	3,064.63	1/4	2,705.87
1/2		1/2		1/2		1/2	4,848.23	1/2	4,491.33	1/2	4,133.00	1/2	3,774.39	1/2	3,415.78	1/2	3,057.16	1/2	2,698.39
3/4		3/4		3/4		3/4	4,840.82	3/4	4,483.88	3/4	4,125.53	3/4	3,766.92	3/4	3,408.31	3/4	3,049.69	3/4	2,690.92
10		10		10		10	4,833.41	10	4,476.43	10	4,118.06	10	3,759.45	10	3,400.83	10	3,042.22	10	2,683.44
1/4		1/4		1/4		1/4	4,826.00	1/4	4,468.98	1/4	4,110.59	1/4	3,751.98	1/4	3,393.36	1/4	3,034.75	1/4	2,675.97
1/2		1/2		1/2		1/2	4,818.59	1/2	4,461.53	1/2	4,103.12	1/2	3,744.50	1/2	3,385.89	1/2	3,027.28	1/2	2,668.49
3/4		3/4		3/4		3/4	4,811.18	3/4	4,454.08	3/4	4,095.65	3/4	3,737.03	3/4	3,378.42	3/4	3,019.81	3/4	2,661.02
11		11		11		11	4,803.77	11	4,446.63	11	4,088.18	11	3,729.56	11	3,370.95	11	3,012.34	11	2,653.54
1/4		1/4		1/4		1/4	4,796.36	1/4	4,439.18	1/4	4,080.70	1/4	3,722.09	1/4	3,363.48	1/4	3,004.87	1/4	2,646.07
1/2		1/2		1/2		1/2	4,788.95	1/2	4,431.73	1/2	4,073.23	1/2	3,714.62	1/2	3,356.01	1/2	2,997.39	1/2	2,638.59
3/4		3/4		3/4		3/4	4,781.54	3/4	4,424.29	3/4	4,065.76	3/4	3,707.15	3/4	3,348.54	3/4	2,989.92	3/4	2,631.12

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-00" FORWARD OF AFT BULKHEAD

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

BARGE "KIRBY 29095"

2 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 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	2,623.64	0	2,264.84	0	1,906.03	0	1,547.23	0	1,188.42	0	830.07	0	471.28	0	112.49	0		0	
1/4	2,616.17	1/4	2,257.36	1/4	1,898.56	1/4	1,539.75	1/4	1,180.95	1/4	822.60	1/4	463.81	1/4	105.01	1/4		1/4	
1/2	2,608.69	1/2	2,249.89	1/2	1,891.08	1/2	1,532.28	1/2	1,173.47	1/2	815.13	1/2	456.33	1/2	97.54	1/2		1/2	
3/4	2,601.22	3/4	2,242.41	3/4	1,883.61	3/4	1,524.80	3/4	1,166.00	3/4	807.65	3/4	448.86	3/4	90.06	3/4		3/4	
1	2,593.74	1	2,234.94	1	1,876.13	1	1,517.33	1	1,158.52	1	800.18	1	441.38	1	82.59	1		1	
1/4	2,586.27	1/4	2,227.46	1/4	1,868.66	1/4	1,509.85	1/4	1,151.05	1/4	792.70	1/4	433.91	1/4	75.11	1/4		1/4	
1/2	2,578.79	1/2	2,219.99	1/2	1,861.18	1/2	1,502.38	1/2	1,143.58	1/2	785.23	1/2	426.43	1/2	68.11	1/2		1/2	
3/4	2,571.32	3/4	2,212.51	3/4	1,853.71	3/4	1,494.90	3/4	1,136.10	3/4	777.75	3/4	418.96	3/4	61.10	3/4		3/4	
2	2,563.84	2	2,205.04	2	1,846.23	2	1,487.43	2	1,128.63	2	770.28	2	411.48	2	54.09	2		2	
1/4	2,556.37	1/4	2,197.56	1/4	1,838.76	1/4	1,479.95	1/4	1,121.16	1/4	762.80	1/4	404.01	1/4	47.08	1/4		1/4	
1/2	2,548.89	1/2	2,190.09	1/2	1,831.28	1/2	1,472.48	1/2	1,113.69	1/2	755.33	1/2	396.53	1/2	41.48	1/2		1/2	
3/4	2,541.42	3/4	2,182.61	3/4	1,823.81	3/4	1,465.00	3/4	1,106.22	3/4	747.85	3/4	389.06	3/4	35.87	3/4		3/4	
3	2,533.94	3	2,175.14	3	1,816.33	3	1,457.53	3	1,098.75	3	740.38	3	381.58	3	30.26	3		3	
1/4	2,526.47	1/4	2,167.66	1/4	1,808.86	1/4	1,450.05	1/4	1,091.28	1/4	732.91	1/4	374.11	1/4	24.66	1/4		1/4	
1/2	2,518.99	1/2	2,160.19	1/2	1,801.38	1/2	1,442.58	1/2	1,083.81	1/2	725.43	1/2	366.63	1/2	20.92	1/2		1/2	
3/4	2,511.52	3/4	2,152.71	3/4	1,793.91	3/4	1,435.10	3/4	1,076.35	3/4	717.96	3/4	359.16	3/4		3/4		3/4	
4	2,504.04	4	2,145.24	4	1,786.43	4	1,427.63	4	1,068.88	4	710.48	4	351.69	4		4		4	
1/4	2,496.57	1/4	2,137.76	1/4	1,778.96	1/4	1,420.15	1/4	1,061.42	1/4	703.01	1/4	344.21	1/4		1/4		1/4	
1/2	2,489.09	1/2	2,130.29	1/2	1,771.48	1/2	1,412.68	1/2	1,053.95	1/2	695.53	1/2	336.74	1/2		1/2		1/2	
3/4	2,481.62	3/4	2,122.81	3/4	1,764.01	3/4	1,405.20	3/4	1,046.49	3/4	688.06	3/4	329.26	3/4		3/4		3/4	
5	2,474.14	5	2,115.34	5	1,756.53	5	1,397.73	5	1,039.03	5	680.58	5	321.79	5		5		5	
1/4	2,466.67	1/4	2,107.86	1/4	1,749.06	1/4	1,390.25	1/4	1,031.57	1/4	673.11	1/4	314.31	1/4		1/4		1/4	
1/2	2,459.19	1/2	2,100.39	1/2	1,741.58	1/2	1,382.78	1/2	1,024.10	1/2	665.63	1/2	306.84	1/2		1/2		1/2	
3/4	2,451.71	3/4	2,092.91	3/4	1,734.11	3/4	1,375.30	3/4	1,016.64	3/4	658.16	3/4	299.36	3/4		3/4		3/4	
6	2,444.24	6	2,085.43	6	1,726.63	6	1,367.83	6	1,009.18	6	650.68	6	291.89	6		6		6	
1/4	2,436.76	1/4	2,077.96	1/4	1,719.16	1/4	1,360.35	1/4	1,001.72	1/4	643.21	1/4	284.41	1/4		1/4		1/4	
1/2	2,429.29	1/2	2,070.48	1/2	1,711.68	1/2	1,352.88	1/2	994.26	1/2	635.73	1/2	276.94	1/2		1/2		1/2	
3/4	2,421.81	3/4	2,063.01	3/4	1,704.20	3/4	1,345.40	3/4	986.79	3/4	628.26	3/4	269.46	3/4		3/4		3/4	
7	2,414.34	7	2,055.53	7	1,696.73	7	1,337.92	7	979.33	7	620.78	7	261.99	7		7		7	
1/4	2,406.86	1/4	2,048.06	1/4	1,689.25	1/4	1,330.45	1/4	971.87	1/4	613.31	1/4	254.51	1/4		1/4		1/4	
1/2	2,399.39	1/2	2,040.58	1/2	1,681.78	1/2	1,322.97	1/2	964.41	1/2	605.83	1/2	247.04	1/2		1/2		1/2	
3/4	2,391.91	3/4	2,033.11	3/4	1,674.30	3/4	1,315.50	3/4	956.95	3/4	598.36	3/4	239.56	3/4		3/4		3/4	
8	2,384.44	8	2,025.63	8	1,666.83	8	1,308.02	8	949.48	8	590.88	8	232.09	8		8		8	
1/4	2,376.96	1/4	2,018.16	1/4	1,659.35	1/4	1,300.55	1/4	942.02	1/4	583.41	1/4	224.61	1/4		1/4		1/4	
1/2	2,369.49	1/2	2,010.68	1/2	1,651.88	1/2	1,293.07	1/2	934.56	1/2	575.93	1/2	217.14	1/2		1/2		1/2	
3/4	2,362.01	3/4	2,003.21	3/4	1,644.40	3/4	1,285.60	3/4	927.10	3/4	568.46	3/4	209.66	3/4		3/4		3/4	
9	2,354.54	9	1,995.73	9	1,636.93	9	1,278.12	9	919.64	9	560.98	9	202.19	9		9		9	
1/4	2,347.06	1/4	1,988.26	1/4	1,629.45	1/4	1,270.65	1/4	912.17	1/4	553.51	1/4	194.71	1/4		1/4		1/4	
1/2	2,339.59	1/2	1,980.78	1/2	1,621.98	1/2	1,263.17	1/2	904.71	1/2	546.03	1/2	187.24	1/2		1/2		1/2	
3/4	2,332.11	3/4	1,973.31	3/4	1,614.50	3/4	1,255.70	3/4	897.25	3/4	538.56	3/4	179.76	3/4		3/4		3/4	
10	2,324.64	10	1,965.83	10	1,607.03	10	1,248.22	10	889.79	10	531.08	10	172.29	10		10		10	
1/4	2,317.16	1/4	1,958.36	1/4	1,599.55	1/4	1,240.75	1/4	882.32	1/4	523.61	1/4	164.81	1/4		1/4		1/4	
1/2	2,309.69	1/2	1,950.88	1/2	1,592.08	1/2	1,233.27	1/2	874.86	1/2	516.13	1/2	157.34	1/2		1/2		1/2	
3/4	2,302.21	3/4	1,943.41	3/4	1,584.60	3/4	1,225.80	3/4	867.40	3/4	508.66	3/4	149.86	3/4		3/4		3/4	
11	2,294.74	11	1,935.93	11	1,577.13	11	1,218.32	11	859.94	11	501.18	11	142.39	11		11		11	
1/4	2,287.26	1/4	1,928.46	1/4	1,569.65	1/4	1,210.85	1/4	852.48	1/4	493.71	1/4	134.91	1/4		1/4		1/4	
1/2	2,279.79	1/2	1,920.98	1/2	1,562.18	1/2	1,203.37	1/2	845.01	1/2	486.23	1/2	127.44	1/2		1/2		1/2	
3/4	2,272.31	3/4	1,913.51	3/4	1,554.70	3/4	1,195.90	3/4	837.54	3/4	478.76	3/4	119.96	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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

BARGE "KIRBY 29095"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 1/2"

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		0	4,372.33	0	4,126.25	0	3,879.32	0	3,632.34	0	3,306.29	0	2,950.26
1/4		1/4		1/4		1/4		1/4	4,367.23	1/4	4,121.11	1/4	3,874.17	1/4	3,627.20	1/4	3,298.89	1/4	2,942.84
1/2		1/2		1/2		1/2	4,590.15	1/2	4,362.13	1/2	4,115.98	1/2	3,869.03	1/2	3,622.05	1/2	3,291.49	1/2	2,935.42
3/4		3/4		3/4		3/4	4,587.70	3/4	4,357.02	3/4	4,110.84	3/4	3,863.88	3/4	3,616.91	3/4	3,284.09	3/4	2,927.99
1		1		1		1	4,585.26	1	4,351.92	1	4,105.70	1	3,858.74	1	3,611.76	1	3,276.69	1	2,920.57
1/4		1/4		1/4		1/4	4,582.81	1/4	4,346.82	1/4	4,100.56	1/4	3,853.59	1/4	3,606.62	1/4	3,269.29	1/4	2,913.15
1/2		1/2		1/2		1/2	4,579.30	1/2	4,341.70	1/2	4,095.42	1/2	3,848.44	1/2	3,601.47	1/2	3,261.88	1/2	2,905.72
3/4		3/4		3/4		3/4	4,575.79	3/4	4,336.58	3/4	4,090.27	3/4	3,843.30	3/4	3,596.32	3/4	3,254.48	3/4	2,898.30
2		2		2		2	4,572.28	2	4,331.46	2	4,085.13	2	3,838.15	2	3,591.18	2	3,247.07	2	2,890.88
1/4		1/4		1/4		1/4	4,568.77	1/4	4,326.35	1/4	4,079.98	1/4	3,833.01	1/4	3,586.03	1/4	3,239.66	1/4	2,883.46
1/2		1/2		1/2		1/2	4,564.26	1/2	4,321.22	1/2	4,074.84	1/2	3,827.86	1/2	3,580.32	1/2	3,232.24	1/2	2,876.03
3/4		3/4		3/4		3/4	4,559.75	3/4	4,316.08	3/4	4,069.69	3/4	3,822.72	3/4	3,574.60	3/4	3,224.81	3/4	2,868.61
3		3		3		3	4,555.24	3	4,310.95	3	4,064.55	3	3,817.57	3	3,568.88	3	3,217.39	3	2,861.19
1/4		1/4		1/4		1/4	4,550.74	1/4	4,305.82	1/4	4,059.40	1/4	3,812.43	1/4	3,563.16	1/4	3,209.97	1/4	2,853.76
1/2		1/2		1/2		1/2	4,545.70	1/2	4,300.69	1/2	4,054.26	1/2	3,807.28	1/2	3,556.31	1/2	3,202.55	1/2	2,846.34
3/4		3/4		3/4		3/4	4,540.66	3/4	4,295.56	3/4	4,049.11	3/4	3,802.14	3/4	3,549.45	3/4	3,195.13	3/4	2,838.92
4		4		4		4	4,535.62	4	4,290.43	4	4,043.97	4	3,796.99	4	3,542.60	4	3,187.71	4	2,831.49
1/4		1/4		1/4		1/4	4,530.58	1/4	4,285.30	1/4	4,038.82	1/4	3,791.85	1/4	3,535.75	1/4	3,180.29	1/4	2,824.07
1/2		1/2		1/2		1/2	4,525.47	1/2	4,280.17	1/2	4,033.68	1/2	3,786.70	1/2	3,528.34	1/2	3,172.87	1/2	2,816.65
3/4		3/4		3/4		3/4	4,520.37	3/4	4,275.04	3/4	4,028.53	3/4	3,781.56	3/4	3,520.93	3/4	3,165.45	3/4	2,809.23
5		5		5		5	4,515.26	5	4,269.91	5	4,023.38	5	3,776.41	5	3,513.52	5	3,158.03	5	2,801.80
1/4		1/4		1/4		1/4	4,510.15	1/4	4,264.78	1/4	4,018.24	1/4	3,771.27	1/4	3,506.10	1/4	3,150.61	1/4	2,794.38
1/2		1/2		1/2		1/2	4,505.05	1/2	4,259.65	1/2	4,013.09	1/2	3,766.12	1/2	3,498.70	1/2	3,143.19	1/2	2,786.96
3/4		3/4		3/4		3/4	4,499.94	3/4	4,254.52	3/4	4,007.95	3/4	3,760.97	3/4	3,491.29	3/4	3,135.77	3/4	2,779.53
6		6		6		6	4,494.83	6	4,249.38	6	4,002.80	6	3,755.83	6	3,483.89	6	3,128.35	6	2,772.11
1/4		1/4		1/4		1/4	4,489.73	1/4	4,244.25	1/4	3,997.66	1/4	3,750.68	1/4	3,476.48	1/4	3,120.93	1/4	2,764.69
1/2		1/2		1/2		1/2	4,484.62	1/2	4,239.12	1/2	3,992.51	1/2	3,745.54	1/2	3,469.08	1/2	3,113.51	1/2	2,757.26
3/4		3/4		3/4		3/4	4,479.52	3/4	4,233.99	3/4	3,987.37	3/4	3,740.39	3/4	3,461.68	3/4	3,106.09	3/4	2,749.84
7		7		7		7	4,474.41	7	4,228.86	7	3,982.22	7	3,735.25	7	3,454.28	7	3,098.67	7	2,742.42
1/4		1/4		1/4		1/4	4,469.30	1/4	4,223.73	1/4	3,977.08	1/4	3,730.10	1/4	3,446.89	1/4	3,091.25	1/4	2,735.00
1/2		1/2		1/2		1/2	4,464.20	1/2	4,218.60	1/2	3,971.93	1/2	3,724.96	1/2	3,439.49	1/2	3,083.83	1/2	2,727.57
3/4		3/4		3/4		3/4	4,459.09	3/4	4,213.47	3/4	3,966.79	3/4	3,719.81	3/4	3,432.09	3/4	3,076.41	3/4	2,720.15
8		8		8		8	4,453.99	8	4,208.34	8	3,961.64	8	3,714.67	8	3,424.69	8	3,068.99	8	2,712.73
1/4		1/4		1/4		1/4	4,448.89	1/4	4,203.21	1/4	3,956.50	1/4	3,709.52	1/4	3,417.29	1/4	3,061.57	1/4	2,705.30
1/2		1/2		1/2		1/2	4,443.78	1/2	4,198.08	1/2	3,951.35	1/2	3,704.38	1/2	3,409.89	1/2	3,054.15	1/2	2,697.88
3/4		3/4		3/4		3/4	4,438.68	3/4	4,192.95	3/4	3,946.21	3/4	3,699.23	3/4	3,402.49	3/4	3,046.73	3/4	2,690.46
9		9		9		9	4,433.58	9	4,187.81	9	3,941.06	9	3,694.09	9	3,395.09	9	3,039.31	9	2,683.03
1/4		1/4		1/4		1/4	4,428.47	1/4	4,182.68	1/4	3,935.91	1/4	3,688.94	1/4	3,387.69	1/4	3,031.89	1/4	2,675.61
1/2		1/2		1/2		1/2	4,423.37	1/2	4,177.55	1/2	3,930.77	1/2	3,683.80	1/2	3,380.29	1/2	3,024.47	1/2	2,668.19
3/4		3/4		3/4		3/4	4,418.26	3/4	4,172.42	3/4	3,925.62	3/4	3,678.65	3/4	3,372.89	3/4	3,017.05	3/4	2,660.77
10		10		10		10	4,413.16	10	4,167.29	10	3,920.48	10	3,673.50	10	3,365.49	10	3,009.63	10	2,653.34
1/4		1/4		1/4		1/4	4,408.06	1/4	4,162.16	1/4	3,915.33	1/4	3,668.36	1/4	3,358.09	1/4	3,002.21	1/4	2,645.92
1/2		1/2		1/2		1/2	4,402.95	1/2	4,157.03	1/2	3,910.19	1/2	3,663.21	1/2	3,350.69	1/2	2,994.79	1/2	2,638.50
3/4		3/4		3/4		3/4	4,397.85	3/4	4,151.90	3/4	3,905.04	3/4	3,658.07	3/4	3,343.29	3/4	2,987.37	3/4	2,631.07
11		11		11		11	4,392.75	11	4,146.77	11	3,899.90	11	3,652.92	11	3,335.89	11	2,979.95	11	2,623.65
1/4		1/4		1/4		1/4	4,387.64	1/4	4,141.64	1/4	3,894.75	1/4	3,647.78	1/4	3,328.49	1/4	2,972.52	1/4	2,616.23
1/2		1/2		1/2		1/2	4,382.54	1/2	4,136.51	1/2	3,889.61	1/2	3,642.63	1/2	3,321.09	1/2	2,965.10	1/2	2,608.80
3/4		3/4		3/4		3/4	4,377.44	3/4	4,131.38	3/4	3,884.46	3/4	3,637.49	3/4	3,313.69	3/4	2,957.68	3/4	2,601.37

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 67'-06" FORWARD OF AFT BULKHEAD

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

BARGE "KIRBY 29095"

3 PORT
ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 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	2,593.95	0	2,238.60	0	1,884.86	0	1,528.24	0	1,171.90	0	825.61	0	468.88	0	112.04	0		0	
1/4	2,586.52	1/4	2,231.22	1/4	1,877.46	1/4	1,520.81	1/4	1,164.57	1/4	818.30	1/4	461.44	1/4	104.60	1/4		1/4	
1/2	2,579.09	1/2	2,223.85	1/2	1,870.03	1/2	1,513.38	1/2	1,157.35	1/2	810.86	1/2	454.01	1/2	97.16	1/2		1/2	
3/4	2,571.66	3/4	2,216.49	3/4	1,862.60	3/4	1,505.94	3/4	1,150.13	3/4	803.43	3/4	446.58	3/4	89.71	3/4		3/4	
1	2,564.23	1	2,209.12	1	1,855.17	1	1,498.51	1	1,142.91	1	795.99	1	439.14	1	82.27	1		1	
1/4	2,556.80	1/4	2,201.75	1/4	1,847.74	1/4	1,491.08	1/4	1,135.69	1/4	788.56	1/4	431.71	1/4	74.83	1/4		1/4	
1/2	2,549.37	1/2	2,194.39	1/2	1,840.31	1/2	1,483.65	1/2	1,128.48	1/2	781.12	1/2	424.28	1/2	67.85	1/2		1/2	
3/4	2,541.94	3/4	2,187.02	3/4	1,832.88	3/4	1,476.22	3/4	1,121.26	3/4	773.69	3/4	416.84	3/4	60.87	3/4		3/4	
2	2,534.51	2	2,179.65	2	1,825.45	2	1,468.79	2	1,114.05	2	766.25	2	409.41	2	53.89	2		2	
1/4	2,527.08	1/4	2,172.28	1/4	1,818.02	1/4	1,461.36	1/4	1,106.83	1/4	758.82	1/4	401.98	1/4	46.90	1/4		1/4	
1/2	2,519.65	1/2	2,164.92	1/2	1,810.59	1/2	1,453.93	1/2	1,099.63	1/2	751.38	1/2	394.54	1/2	41.32	1/2		1/2	
3/4	2,512.22	3/4	2,157.55	3/4	1,803.16	3/4	1,446.50	3/4	1,092.42	3/4	743.95	3/4	387.11	3/4	35.73	3/4		3/4	
3	2,504.79	3	2,150.18	3	1,795.73	3	1,439.07	3	1,085.21	3	736.52	3	379.68	3	30.15	3		3	
1/4	2,497.36	1/4	2,142.81	1/4	1,788.30	1/4	1,431.64	1/4	1,078.00	1/4	729.08	1/4	372.24	1/4	24.57	1/4		1/4	
1/2	2,489.95	1/2	2,135.45	1/2	1,780.87	1/2	1,424.21	1/2	1,070.80	1/2	721.65	1/2	364.81	1/2	20.84	1/2		1/2	
3/4	2,482.54	3/4	2,128.08	3/4	1,773.44	3/4	1,416.78	3/4	1,063.59	3/4	714.21	3/4	357.38	3/4		3/4		3/4	
4	2,475.12	4	2,120.71	4	1,766.01	4	1,409.35	4	1,056.39	4	706.78	4	349.95	4		4		4	
1/4	2,467.71	1/4	2,113.34	1/4	1,758.58	1/4	1,401.92	1/4	1,049.18	1/4	699.34	1/4	342.51	1/4		1/4		1/4	
1/2	2,460.32	1/2	2,105.98	1/2	1,751.14	1/2	1,394.49	1/2	1,041.98	1/2	691.91	1/2	335.08	1/2		1/2		1/2	
3/4	2,452.93	3/4	2,098.61	3/4	1,743.71	3/4	1,387.06	3/4	1,034.78	3/4	684.47	3/4	327.65	3/4		3/4		3/4	
5	2,445.54	5	2,091.24	5	1,736.28	5	1,379.63	5	1,027.58	5	677.04	5	320.21	5		5		5	
1/4	2,438.15	1/4	2,083.87	1/4	1,728.85	1/4	1,372.20	1/4	1,020.38	1/4	669.61	1/4	312.78	1/4		1/4		1/4	
1/2	2,430.75	1/2	2,076.51	1/2	1,721.42	1/2	1,364.77	1/2	1,013.18	1/2	662.17	1/2	305.35	1/2		1/2		1/2	
3/4	2,423.36	3/4	2,069.14	3/4	1,713.99	3/4	1,357.34	3/4	1,005.98	3/4	654.74	3/4	297.91	3/4		3/4		3/4	
6	2,415.97	6	2,061.77	6	1,706.56	6	1,349.91	6	998.78	6	647.30	6	290.48	6		6		6	
1/4	2,408.58	1/4	2,054.40	1/4	1,699.13	1/4	1,342.48	1/4	991.58	1/4	639.87	1/4	283.05	1/4		1/4		1/4	
1/2	2,401.19	1/2	2,047.04	1/2	1,691.70	1/2	1,335.05	1/2	984.38	1/2	632.43	1/2	275.61	1/2		1/2		1/2	
3/4	2,393.80	3/4	2,039.67	3/4	1,684.27	3/4	1,327.62	3/4	977.18	3/4	625.00	3/4	268.18	3/4		3/4		3/4	
7	2,386.40	7	2,032.30	7	1,676.84	7	1,320.19	7	969.98	7	617.56	7	260.75	7		7		7	
1/4	2,379.01	1/4	2,024.94	1/4	1,669.41	1/4	1,312.76	1/4	962.78	1/4	610.13	1/4	253.31	1/4		1/4		1/4	
1/2	2,371.62	1/2	2,017.57	1/2	1,661.98	1/2	1,305.33	1/2	955.58	1/2	602.69	1/2	245.88	1/2		1/2		1/2	
3/4	2,364.23	3/4	2,010.20	3/4	1,654.55	3/4	1,297.90	3/4	948.37	3/4	595.26	3/4	238.45	3/4		3/4		3/4	
8	2,356.84	8	2,002.83	8	1,647.12	8	1,290.47	8	941.17	8	587.83	8	231.01	8		8		8	
1/4	2,349.44	1/4	1,995.47	1/4	1,639.69	1/4	1,283.04	1/4	933.97	1/4	580.39	1/4	223.58	1/4		1/4		1/4	
1/2	2,342.05	1/2	1,988.10	1/2	1,632.26	1/2	1,275.61	1/2	926.77	1/2	572.96	1/2	216.14	1/2		1/2		1/2	
3/4	2,334.66	3/4	1,980.73	3/4	1,624.83	3/4	1,268.18	3/4	919.57	3/4	565.52	3/4	208.71	3/4		3/4		3/4	
9	2,327.27	9	1,973.36	9	1,617.40	9	1,260.75	9	912.37	9	558.09	9	201.27	9		9		9	
1/4	2,319.88	1/4	1,966.00	1/4	1,609.97	1/4	1,253.31	1/4	905.17	1/4	550.65	1/4	193.84	1/4		1/4		1/4	
1/2	2,312.49	1/2	1,958.63	1/2	1,602.54	1/2	1,245.88	1/2	897.97	1/2	543.22	1/2	186.41	1/2		1/2		1/2	
3/4	2,305.09	3/4	1,951.26	3/4	1,595.11	3/4	1,238.45	3/4	890.77	3/4	535.78	3/4	178.97	3/4		3/4		3/4	
10	2,297.70	10	1,943.89	10	1,587.68	10	1,231.02	10	883.57	10	528.35	10	171.54	10		10		10	
1/4	2,290.31	1/4	1,936.53	1/4	1,580.25	1/4	1,223.59	1/4	876.37	1/4	520.92	1/4	164.10	1/4		1/4		1/4	
1/2	2,282.92	1/2	1,929.16	1/2	1,572.82	1/2	1,216.16	1/2	869.17	1/2	513.48	1/2	156.66	1/2		1/2		1/2	
3/4	2,275.53	3/4	1,921.79	3/4	1,565.39	3/4	1,208.73	3/4	861.97	3/4	506.05	3/4	149.23	3/4		3/4		3/4	
11	2,268.13	11	1,914.42	11	1,557.96	11	1,201.30	11	854.77	11	498.61	11	141.79	11		11		11	
1/4	2,260.74	1/4	1,907.06	1/4	1,550.53	1/4	1,193.87	1/4	847.56	1/4	491.18	1/4	134.36	1/4		1/4		1/4	
1/2	2,253.36	1/2	1,899.66	1/2	1,543.10	1/2	1,186.55	1/2	840.25	1/2	483.74	1/2	126.92	1/2		1/2		1/2	
3/4	2,245.98	3/4	1,892.26	3/4	1,535.67	3/4	1,179.22	3/4	832.93	3/4	476.31	3/4	119.48	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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

BARGE "KIRBY 29095"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 3/4"

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		0	4,399.21	0	4,153.08	0	3,906.10	0	3,659.06	0	3,334.82	0	2,978.03
1/4		1/4		1/4		1/4		1/4	4,394.11	1/4	4,147.95	1/4	3,900.95	1/4	3,653.91	1/4	3,327.40	1/4	2,970.59
1/2		1/2		1/2		1/2		1/2	4,389.00	1/2	4,142.82	1/2	3,895.80	1/2	3,648.77	1/2	3,319.99	1/2	2,963.15
3/4		3/4		3/4		3/4	4,611.99	3/4	4,383.90	3/4	4,137.68	3/4	3,890.66	3/4	3,643.62	3/4	3,312.57	3/4	2,955.72
1		1		1		1	4,609.54	1	4,378.79	1	4,132.54	1	3,885.51	1	3,638.47	1	3,305.16	1	2,948.28
1/4		1/4		1/4		1/4	4,607.10	1/4	4,373.69	1/4	4,127.40	1/4	3,880.37	1/4	3,633.33	1/4	3,297.74	1/4	2,940.84
1/2		1/2		1/2		1/2	4,604.65	1/2	4,368.58	1/2	4,122.26	1/2	3,875.22	1/2	3,628.18	1/2	3,290.32	1/2	2,933.40
3/4		3/4		3/4		3/4	4,601.14	3/4	4,363.46	3/4	4,117.11	3/4	3,870.07	3/4	3,623.04	3/4	3,282.90	3/4	2,925.96
2		2		2		2	4,597.62	2	4,358.35	2	4,111.96	2	3,864.93	2	3,617.89	2	3,275.47	2	2,918.52
1/4		1/4		1/4		1/4	4,594.11	1/4	4,353.23	1/4	4,106.82	1/4	3,859.78	1/4	3,612.74	1/4	3,268.05	1/4	2,911.08
1/2		1/2		1/2		1/2	4,590.60	1/2	4,348.11	1/2	4,101.67	1/2	3,854.63	1/2	3,607.60	1/2	3,260.62	1/2	2,903.64
3/4		3/4		3/4		3/4	4,586.09	3/4	4,342.98	3/4	4,096.52	3/4	3,849.49	3/4	3,601.88	3/4	3,253.18	3/4	2,896.20
3		3		3		3	4,581.58	3	4,337.84	3	4,091.38	3	3,844.34	3	3,596.15	3	3,245.75	3	2,888.76
1/4		1/4		1/4		1/4	4,577.07	1/4	4,332.71	1/4	4,086.23	1/4	3,839.19	1/4	3,590.43	1/4	3,238.31	1/4	2,881.32
1/2		1/2		1/2		1/2	4,572.56	1/2	4,327.58	1/2	4,081.08	1/2	3,834.05	1/2	3,584.71	1/2	3,230.87	1/2	2,873.88
3/4		3/4		3/4		3/4	4,567.52	3/4	4,322.45	3/4	4,075.94	3/4	3,828.90	3/4	3,577.86	3/4	3,223.44	3/4	2,866.44
4		4		4		4	4,562.48	4	4,317.32	4	4,070.79	4	3,823.75	4	3,571.01	4	3,216.00	4	2,859.00
1/4		1/4		1/4		1/4	4,557.44	1/4	4,312.18	1/4	4,065.64	1/4	3,818.61	1/4	3,564.15	1/4	3,208.57	1/4	2,851.57
1/2		1/2		1/2		1/2	4,552.40	1/2	4,307.05	1/2	4,060.50	1/2	3,813.46	1/2	3,557.30	1/2	3,201.13	1/2	2,844.13
3/4		3/4		3/4		3/4	4,547.29	3/4	4,301.92	3/4	4,055.35	3/4	3,808.31	3/4	3,549.88	3/4	3,193.69	3/4	2,836.69
5		5		5		5	4,542.18	5	4,296.79	5	4,050.20	5	3,803.17	5	3,542.47	5	3,186.26	5	2,829.25
1/4		1/4		1/4		1/4	4,537.07	1/4	4,291.65	1/4	4,045.06	1/4	3,798.02	1/4	3,535.05	1/4	3,178.82	1/4	2,821.81
1/2		1/2		1/2		1/2	4,531.97	1/2	4,286.52	1/2	4,039.91	1/2	3,792.87	1/2	3,527.63	1/2	3,171.38	1/2	2,814.37
3/4		3/4		3/4		3/4	4,526.86	3/4	4,281.39	3/4	4,034.76	3/4	3,787.73	3/4	3,520.22	3/4	3,163.95	3/4	2,806.93
6		6		6		6	4,521.75	6	4,276.26	6	4,029.62	6	3,782.58	6	3,512.80	6	3,156.51	6	2,799.49
1/4		1/4		1/4		1/4	4,516.64	1/4	4,271.13	1/4	4,024.47	1/4	3,777.43	1/4	3,505.39	1/4	3,149.07	1/4	2,792.05
1/2		1/2		1/2		1/2	4,511.54	1/2	4,265.99	1/2	4,019.32	1/2	3,772.29	1/2	3,497.97	1/2	3,141.64	1/2	2,784.61
3/4		3/4		3/4		3/4	4,506.43	3/4	4,260.86	3/4	4,014.18	3/4	3,767.14	3/4	3,490.55	3/4	3,134.20	3/4	2,777.17
7		7		7		7	4,501.32	7	4,255.73	7	4,009.03	7	3,761.99	7	3,483.14	7	3,126.76	7	2,769.73
1/4		1/4		1/4		1/4	4,496.21	1/4	4,250.60	1/4	4,003.88	1/4	3,756.85	1/4	3,475.72	1/4	3,119.33	1/4	2,762.29
1/2		1/2		1/2		1/2	4,491.11	1/2	4,245.46	1/2	3,998.74	1/2	3,751.70	1/2	3,468.31	1/2	3,111.89	1/2	2,754.85
3/4		3/4		3/4		3/4	4,486.00	3/4	4,240.33	3/4	3,993.59	3/4	3,746.55	3/4	3,460.89	3/4	3,104.45	3/4	2,747.42
8		8		8		8	4,480.89	8	4,235.20	8	3,988.44	8	3,741.41	8	3,453.47	8	3,097.02	8	2,739.98
1/4		1/4		1/4		1/4	4,475.79	1/4	4,230.07	1/4	3,983.30	1/4	3,736.26	1/4	3,446.06	1/4	3,089.58	1/4	2,732.54
1/2		1/2		1/2		1/2	4,470.68	1/2	4,224.94	1/2	3,978.15	1/2	3,731.11	1/2	3,438.64	1/2	3,082.14	1/2	2,725.10
3/4		3/4		3/4		3/4	4,465.58	3/4	4,219.80	3/4	3,973.00	3/4	3,725.97	3/4	3,431.23	3/4	3,074.71	3/4	2,717.66
9		9		9		9	4,460.47	9	4,214.67	9	3,967.86	9	3,720.82	9	3,423.81	9	3,067.27	9	2,710.22
1/4		1/4		1/4		1/4	4,455.37	1/4	4,209.54	1/4	3,962.71	1/4	3,715.67	1/4	3,416.39	1/4	3,059.83	1/4	2,702.78
1/2		1/2		1/2		1/2	4,450.26	1/2	4,204.41	1/2	3,957.56	1/2	3,710.53	1/2	3,408.98	1/2	3,052.40	1/2	2,695.34
3/4		3/4		3/4		3/4	4,445.16	3/4	4,199.27	3/4	3,952.42	3/4	3,705.38	3/4	3,401.56	3/4	3,044.96	3/4	2,687.90
10		10		10		10	4,440.05	10	4,194.14	10	3,947.27	10	3,700.23	10	3,394.15	10	3,037.52	10	2,680.46
1/4		1/4		1/4		1/4	4,434.95	1/4	4,189.01	1/4	3,942.12	1/4	3,695.09	1/4	3,386.73	1/4	3,030.09	1/4	2,673.02
1/2		1/2		1/2		1/2	4,429.84	1/2	4,183.88	1/2	3,936.98	1/2	3,689.94	1/2	3,379.32	1/2	3,022.65	1/2	2,665.58
3/4		3/4		3/4		3/4	4,424.74	3/4	4,178.75	3/4	3,931.83	3/4	3,684.79	3/4	3,371.90	3/4	3,015.21	3/4	2,658.14
11		11		11		11	4,419.63	11	4,173.61	11	3,926.68	11	3,679.65	11	3,364.48	11	3,007.78	11	2,650.70
1/4		1/4		1/4		1/4	4,414.53	1/4	4,168.48	1/4	3,921.54	1/4	3,674.50	1/4	3,357.07	1/4	3,000.34	1/4	2,643.26
1/2		1/2		1/2		1/2	4,409.42	1/2	4,163.35	1/2	3,916.39	1/2	3,669.35	1/2	3,349.65	1/2	2,992.90	1/2	2,635.83
3/4		3/4		3/4		3/4	4,404.32	3/4	4,158.22	3/4	3,911.24	3/4	3,664.21	3/4	3,342.24	3/4	2,985.47	3/4	2,628.38

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 DEVICE
GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 67'-06" FORWARD OF AFT BULKHEAD

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

BARGE "KIRBY 29095"

3 STBD

ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 17'-03 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	2,620.94	0	2,263.52	0	1,906.09	0	1,548.66	0	1,191.22	0	834.33	0	476.92	0	119.50	0		0	
1/4	2,613.50	1/4	2,256.07	1/4	1,898.64	1/4	1,541.21	1/4	1,183.78	1/4	826.89	1/4	469.48	1/4	112.06	1/4		1/4	
1/2	2,606.06	1/2	2,248.63	1/2	1,891.19	1/2	1,533.76	1/2	1,176.33	1/2	819.45	1/2	462.03	1/2	104.61	1/2		1/2	
3/4	2,598.61	3/4	2,241.18	3/4	1,883.75	3/4	1,526.32	3/4	1,168.88	3/4	812.00	3/4	454.58	3/4	97.17	3/4		3/4	
1	2,591.17	1	2,233.73	1	1,876.30	1	1,518.87	1	1,161.44	1	804.56	1	447.14	1	89.72	1		1	
1/4	2,583.72	1/4	2,226.29	1/4	1,868.86	1/4	1,511.42	1/4	1,153.99	1/4	797.11	1/4	439.69	1/4	82.27	1/4		1/4	
1/2	2,576.27	1/2	2,218.84	1/2	1,861.41	1/2	1,503.98	1/2	1,146.54	1/2	789.66	1/2	432.25	1/2	74.83	1/2		1/2	
3/4	2,568.83	3/4	2,211.39	3/4	1,853.96	3/4	1,496.53	3/4	1,139.10	3/4	782.22	3/4	424.80	3/4	67.85	3/4		3/4	
2	2,561.38	2	2,203.95	2	1,846.52	2	1,489.08	2	1,131.66	2	774.77	2	417.35	2	60.87	2		2	
1/4	2,553.93	1/4	2,196.50	1/4	1,839.07	1/4	1,481.64	1/4	1,124.22	1/4	767.32	1/4	409.91	1/4	53.88	1/4		1/4	
1/2	2,546.49	1/2	2,189.05	1/2	1,831.62	1/2	1,474.19	1/2	1,116.78	1/2	759.88	1/2	402.46	1/2	46.90	1/2		1/2	
3/4	2,539.04	3/4	2,181.61	3/4	1,824.18	3/4	1,466.74	3/4	1,109.34	3/4	752.43	3/4	395.01	3/4	41.32	3/4		3/4	
3	2,531.59	3	2,174.16	3	1,816.73	3	1,459.30	3	1,101.90	3	744.99	3	387.57	3	35.73	3		3	
1/4	2,524.15	1/4	2,166.72	1/4	1,809.28	1/4	1,451.85	1/4	1,094.46	1/4	737.54	1/4	380.12	1/4	30.15	1/4		1/4	
1/2	2,516.70	1/2	2,159.27	1/2	1,801.84	1/2	1,444.40	1/2	1,087.02	1/2	730.09	1/2	372.68	1/2	24.57	1/2		1/2	
3/4	2,509.25	3/4	2,151.82	3/4	1,794.39	3/4	1,436.96	3/4	1,079.59	3/4	722.65	3/4	365.23	3/4	20.84	3/4		3/4	
4	2,501.81	4	2,144.38	4	1,786.94	4	1,429.51	4	1,072.15	4	715.20	4	357.78	4		4		4	
1/4	2,494.36	1/4	2,136.93	1/4	1,779.50	1/4	1,422.07	1/4	1,064.72	1/4	707.75	1/4	350.34	1/4		1/4		1/4	
1/2	2,486.91	1/2	2,129.48	1/2	1,772.05	1/2	1,414.62	1/2	1,057.28	1/2	700.31	1/2	342.89	1/2		1/2		1/2	
3/4	2,479.47	3/4	2,122.04	3/4	1,764.60	3/4	1,407.17	3/4	1,049.85	3/4	692.86	3/4	335.44	3/4		3/4		3/4	
5	2,472.02	5	2,114.59	5	1,757.16	5	1,399.73	5	1,042.42	5	685.42	5	328.00	5		5		5	
1/4	2,464.58	1/4	2,107.14	1/4	1,749.71	1/4	1,392.28	1/4	1,034.99	1/4	677.97	1/4	320.55	1/4		1/4		1/4	
1/2	2,457.13	1/2	2,099.70	1/2	1,742.26	1/2	1,384.83	1/2	1,027.56	1/2	670.52	1/2	313.11	1/2		1/2		1/2	
3/4	2,449.68	3/4	2,092.25	3/4	1,734.82	3/4	1,377.39	3/4	1,020.13	3/4	663.08	3/4	305.66	3/4		3/4		3/4	
6	2,442.24	6	2,084.80	6	1,727.37	6	1,369.94	6	1,012.70	6	655.63	6	298.21	6		6		6	
1/4	2,434.79	1/4	2,077.36	1/4	1,719.93	1/4	1,362.49	1/4	1,005.26	1/4	648.19	1/4	290.77	1/4		1/4		1/4	
1/2	2,427.34	1/2	2,069.91	1/2	1,712.48	1/2	1,355.05	1/2	997.83	1/2	640.74	1/2	283.32	1/2		1/2		1/2	
3/4	2,419.90	3/4	2,062.46	3/4	1,705.03	3/4	1,347.60	3/4	990.40	3/4	633.29	3/4	275.88	3/4		3/4		3/4	
7	2,412.45	7	2,055.02	7	1,697.59	7	1,340.15	7	982.97	7	625.85	7	268.43	7		7		7	
1/4	2,405.00	1/4	2,047.57	1/4	1,690.14	1/4	1,332.71	1/4	975.54	1/4	618.40	1/4	260.98	1/4		1/4		1/4	
1/2	2,397.56	1/2	2,040.12	1/2	1,682.69	1/2	1,325.26	1/2	968.11	1/2	610.95	1/2	253.54	1/2		1/2		1/2	
3/4	2,390.11	3/4	2,032.68	3/4	1,675.25	3/4	1,317.81	3/4	960.68	3/4	603.51	3/4	246.09	3/4		3/4		3/4	
8	2,382.66	8	2,025.23	8	1,667.80	8	1,310.37	8	953.25	8	596.06	8	238.64	8		8		8	
1/4	2,375.22	1/4	2,017.79	1/4	1,660.35	1/4	1,302.92	1/4	945.81	1/4	588.62	1/4	231.20	1/4		1/4		1/4	
1/2	2,367.77	1/2	2,010.34	1/2	1,652.91	1/2	1,295.47	1/2	938.38	1/2	581.17	1/2	223.75	1/2		1/2		1/2	
3/4	2,360.32	3/4	2,002.89	3/4	1,645.46	3/4	1,288.03	3/4	930.95	3/4	573.72	3/4	216.31	3/4		3/4		3/4	
9	2,352.88	9	1,995.45	9	1,638.01	9	1,280.58	9	923.52	9	566.28	9	208.86	9		9		9	
1/4	2,345.43	1/4	1,988.00	1/4	1,630.57	1/4	1,273.14	1/4	916.09	1/4	558.83	1/4	201.41	1/4		1/4		1/4	
1/2	2,337.98	1/2	1,980.55	1/2	1,623.12	1/2	1,265.69	1/2	908.66	1/2	551.38	1/2	193.97	1/2		1/2		1/2	
3/4	2,330.54	3/4	1,973.11	3/4	1,615.67	3/4	1,258.24	3/4	901.23	3/4	543.94	3/4	186.52	3/4		3/4		3/4	
10	2,323.09	10	1,965.66	10	1,608.23	10	1,250.80	10	893.80	10	536.49	10	179.07	10		10		10	
1/4	2,315.65	1/4	1,958.21	1/4	1,600.78	1/4	1,243.35	1/4	886.36	1/4	529.05	1/4	171.63	1/4		1/4		1/4	
1/2	2,308.20	1/2	1,950.77	1/2	1,593.33	1/2	1,235.90	1/2	878.93	1/2	521.60	1/2	164.18	1/2		1/2		1/2	
3/4	2,300.75	3/4	1,943.32	3/4	1,585.89	3/4	1,228.46	3/4	871.50	3/4	514.15	3/4	156.74	3/4		3/4		3/4	
11	2,293.31	11	1,935.87	11	1,578.44	11	1,221.01	11	864.07	11	506.71	11	149.29	11		11		11	
1/4	2,285.86	1/4	1,928.43	1/4	1,571.00	1/4	1,213.56	1/4	856.64	1/4	499.26	1/4	141.84	1/4		1/4		1/4	
1/2	2,278.41	1/2	1,920.98	1/2	1,563.55	1/2	1,206.12	1/2	849.21	1/2	491.81	1/2	134.40	1/2		1/2		1/2	
3/4	2,270.97	3/4	1,913.53	3/4	1,556.10	3/4	1,198.67	3/4	841.77	3/4	484.37	3/4	126.95	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
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ALL PRIOR TO 06/2020

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

BARGE "KIRBY 29095"

FWD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: BOI L1

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	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN TO TOP LIP OF 2" HERMETIC VALVE

STRAPPED: 05/21/2015 CL
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REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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

BARGE "KIRBY 29095"

AFT SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: BOI L1

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	449	0	898	0	1,347	0	1,795	0		0		0		0		0	
1/4	9	1/4	458	1/4	907	1/4	1,356	1/4	1,805	1/4		1/4		1/4		1/4		1/4	
1/2	19	1/2	468	1/2	917	1/2	1,365	1/2	1,814	1/2		1/2		1/2		1/2		1/2	
3/4	28	3/4	477	3/4	926	3/4	1,375	3/4	1,824	3/4		3/4		3/4		3/4		3/4	
1	37	1	486	1	935	1	1,384	1	1,833	1		1		1		1		1	
1/4	47	1/4	496	1/4	945	1/4	1,393	1/4	1,842	1/4		1/4		1/4		1/4		1/4	
1/2	56	1/2	505	1/2	954	1/2	1,403	1/2	1,852	1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	514	3/4	963	3/4	1,412	3/4	1,861	3/4		3/4		3/4		3/4		3/4	
2	75	2	524	2	973	2	1,421	2	1,870	2		2		2		2		2	
1/4	84	1/4	533	1/4	982	1/4	1,431	1/4	1,880	1/4		1/4		1/4		1/4		1/4	
1/2	94	1/2	542	1/2	991	1/2	1,440	1/2	1,889	1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	552	3/4	1,001	3/4	1,450	3/4	1,898	3/4		3/4		3/4		3/4		3/4	
3	112	3	561	3	1,010	3	1,459	3	1,908	3		3		3		3		3	
1/4	122	1/4	571	1/4	1,019	1/4	1,468	1/4	1,917	1/4		1/4		1/4		1/4		1/4	
1/2	131	1/2	580	1/2	1,029	1/2	1,478	1/2	1,926	1/2		1/2		1/2		1/2		1/2	
3/4	140	3/4	589	3/4	1,038	3/4	1,487	3/4	1,936	3/4		3/4		3/4		3/4		3/4	
4	150	4	599	4	1,047	4	1,496	4	1,945	4		4		4		4		4	
1/4	159	1/4	608	1/4	1,057	1/4	1,506	1/4	1,954	1/4		1/4		1/4		1/4		1/4	
1/2	168	1/2	617	1/2	1,066	1/2	1,515	1/2	1,964	1/2		1/2		1/2		1/2		1/2	
3/4	178	3/4	627	3/4	1,075	3/4	1,524	3/4	1,973	3/4		3/4		3/4		3/4		3/4	
5	187	5	636	5	1,085	5	1,534	5	1,982	5		5		5		5		5	
1/4	197	1/4	645	1/4	1,094	1/4	1,543	1/4	1,992	1/4		1/4		1/4		1/4		1/4	
1/2	206	1/2	655	1/2	1,104	1/2	1,552	1/2	2,001	1/2		1/2		1/2		1/2		1/2	
3/4	215	3/4	664	3/4	1,113	3/4	1,562	3/4	2,011	3/4		3/4		3/4		3/4		3/4	
6	225	6	673	6	1,122	6	1,571	6	2,020	6		6		6		6		6	
1/4	234	1/4	683	1/4	1,132	1/4	1,580	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	243	1/2	692	1/2	1,141	1/2	1,590	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	253	3/4	701	3/4	1,150	3/4	1,599	3/4		3/4		3/4		3/4		3/4		3/4	
7	262	7	711	7	1,160	7	1,608	7		7		7		7		7		7	
1/4	271	1/4	720	1/4	1,169	1/4	1,618	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	281	1/2	730	1/2	1,178	1/2	1,627	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	290	3/4	739	3/4	1,188	3/4	1,637	3/4		3/4		3/4		3/4		3/4		3/4	
8	299	8	748	8	1,197	8	1,646	8		8		8		8		8		8	
1/4	309	1/4	758	1/4	1,206	1/4	1,655	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	318	1/2	767	1/2	1,216	1/2	1,665	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	327	3/4	776	3/4	1,225	3/4	1,674	3/4		3/4		3/4		3/4		3/4		3/4	
9	337	9	786	9	1,234	9	1,683	9		9		9		9		9		9	
1/4	346	1/4	795	1/4	1,244	1/4	1,693	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	355	1/2	804	1/2	1,253	1/2	1,702	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	365	3/4	814	3/4	1,262	3/4	1,711	3/4		3/4		3/4		3/4		3/4		3/4	
10	374	10	823	10	1,272	10	1,721	10		10		10		10		10		10	
1/4	384	1/4	832	1/4	1,281	1/4	1,730	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	393	1/2	842	1/2	1,291	1/2	1,739	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	402	3/4	851	3/4	1,300	3/4	1,749	3/4		3/4		3/4		3/4		3/4		3/4	
11	412	11	860	11	1,309	11	1,758	11		11		11		11		11		11	
1/4	421	1/4	870	1/4	1,319	1/4	1,767	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	430	1/2	879	1/2	1,328	1/2	1,777	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	440	3/4	888	3/4	1,337	3/4	1,786	3/4		3/4		3/4		3/4		3/4		3/4	

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& ANALYSIS, INC.
P.O. Box 2092
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BARGE "KIRBY 29095"

FUEL TANK
INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY: BOI L1

GAUGE HEIGHT 3'-09"

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	120	0	298	0	456	0		0		0		0		0		0	
1/4	1	1/4	123	1/4	302	1/4	459	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	2	1/2	127	1/2	305	1/2	461	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	3	3/4	130	3/4	309	3/4	463	3/4		3/4		3/4		3/4		3/4		3/4	
1	3	1	134	1	313	1	466	1		1		1		1		1		1	
1/4	5	1/4	137	1/4	316	1/4	468	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	6	1/2	141	1/2	320	1/2	470	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	8	3/4	144	3/4	324	3/4	472	3/4		3/4		3/4		3/4		3/4		3/4	
2	9	2	148	2	327	2	475	2		2		2		2		2		2	
1/4	11	1/4	152	1/4	331	1/4	477	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	13	1/2	155	1/2	335	1/2	478	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	15	3/4	159	3/4	338	3/4	480	3/4		3/4		3/4		3/4		3/4		3/4	
3	16	3	162	3	342	3	482	3		3		3		3		3		3	
1/4	19	1/4	166	1/4	346	1/4	484	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	21	1/2	170	1/2	349	1/2	485	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	23	3/4	173	3/4	353	3/4	487	3/4		3/4		3/4		3/4		3/4		3/4	
4	25	4	177	4	356	4	488	4		4		4		4		4		4	
1/4	27	1/4	181	1/4	360	1/4	489	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	30	1/2	185	1/2	363	1/2	490	1/2		1/2		1/2		1/2		1/2		1/2	
3/4	32	3/4	188	3/4	367	3/4	491	3/4		3/4		3/4		3/4		3/4		3/4	
5	35	5	192	5	370	5	492	5		5		5		5		5		5	
1/4	37	1/4	196	1/4	374	1/4	493	1/4		1/4		1/4		1/4		1/4		1/4	
1/2	40	1/2	200	1/2	377	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	42	3/4	203	3/4	381	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	45	6	207	6	384	6		6		6		6		6		6		6	
1/4	48	1/4	211	1/4	387	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	51	1/2	215	1/2	391	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	53	3/4	218	3/4	394	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	56	7	222	7	397	7		7		7		7		7		7		7	
1/4	59	1/4	226	1/4	401	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	62	1/2	230	1/2	404	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	65	3/4	234	3/4	407	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	68	8	237	8	410	8		8		8		8		8		8		8	
1/4	71	1/4	241	1/4	413	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	74	1/2	245	1/2	416	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	77	3/4	249	3/4	420	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	80	9	252	9	423	9		9		9		9		9		9		9	
1/4	83	1/4	256	1/4	426	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	87	1/2	260	1/2	429	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	90	3/4	264	3/4	432	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	93	10	268	10	434	10		10		10		10		10		10		10	
1/4	96	1/4	271	1/4	437	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	100	1/2	275	1/2	440	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	103	3/4	279	3/4	443	3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	106	11	283	11	446	11		11		11		11		11		11		11	
1/4	110	1/4	287	1/4	448	1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2	113	1/2	290	1/2	451	1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4	116	3/4	294	3/4	454	3/4		3/4		3/4		3/4		3/4		3/4		3/4	

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 AT GAUGE POINT
CAPACITY TABLE ONLY APPLIES TO INNAGE GAUGES TAKEN AT 2" DIAMETER STANDPIPE

STRAPPED: 05/21/2015 CL
RECALCULATED: 06/02/2020 CL
REPRINTED: 06/02/2020 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2020

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