



BARGE "LACB - 120"

ULLAGE (HERMETIC)
FORMERLY "KIRBY 29256"

	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	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
1 STBD	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
2 PORT	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
2 STBD	- 02-1/8	02-1/8	- 04-1/4	04-1/4	- 06-1/4	06-1/4	- 08-1/2	08-1/2	- 10-5/8	10-5/8	- 12-3/4	12-3/4
3 PORT	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4
3 STBD	02-1/8	- 02-1/8	04-1/4	- 04-1/4	06-3/8	- 06-3/8	08-1/2	- 08-1/2	10-5/8	- 10-5/8	12-3/4	- 12-3/4

(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 04-1/4"
FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 PORT, THE TRIM CORRECTED ULLAGE IS 4'-04 1/4"

LENGTH BETWEEN DRAFT MARKS: 237'-09"

August 24, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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<http://www.pmacorp.net>



BARGE "LACB - 120"

1 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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		0	4,885.67	0	4,530.02	0	4,172.66	0	3,814.69	0	3,456.71
1/4		1/4		1/4		1/4		1/4		1/4	4,878.27	1/4	4,522.58	1/4	4,165.21	1/4	3,807.23	1/4	3,449.26
1/2		1/2		1/2		1/2		1/2		1/2	4,870.87	1/2	4,515.15	1/2	4,157.75	1/2	3,799.77	1/2	3,441.80
3/4		3/4		3/4		3/4		3/4		3/4	4,863.47	3/4	4,507.71	3/4	4,150.29	3/4	3,792.32	3/4	3,434.34
1		1		1		1		1		1	4,856.07	1	4,500.27	1	4,142.83	1	3,784.86	1	3,426.88
1/4		1/4		1/4		1/4		1/4		1/4	4,848.67	1/4	4,492.84	1/4	4,135.37	1/4	3,777.40	1/4	3,419.43
1/2		1/2		1/2		1/2		1/2		1/2	4,841.27	1/2	4,485.40	1/2	4,127.92	1/2	3,769.94	1/2	3,411.97
3/4		3/4		3/4		3/4		3/4		3/4	4,833.87	3/4	4,477.97	3/4	4,120.46	3/4	3,762.48	3/4	3,404.51
2		2		2		2		2		2	4,826.47	2	4,470.53	2	4,113.00	2	3,755.03	2	3,397.05
1/4		1/4		1/4		1/4		1/4		1/4	4,819.08	1/4	4,463.09	1/4	4,105.54	1/4	3,747.57	1/4	3,389.59
1/2		1/2		1/2		1/2		1/2		1/2	4,811.68	1/2	4,455.66	1/2	4,098.09	1/2	3,740.11	1/2	3,382.14
3/4		3/4		3/4		3/4		3/4		3/4	4,804.28	3/4	4,448.22	3/4	4,090.63	3/4	3,732.65	3/4	3,374.68
3		3		3		3		3		3	4,796.88	3	4,440.78	3	4,083.17	3	3,725.20	3	3,367.22
1/4		1/4		1/4		1/4		1/4		1/4	4,789.49	1/4	4,433.35	1/4	4,075.71	1/4	3,717.74	1/4	3,359.76
1/2		1/2		1/2		1/2		1/2		1/2	4,782.09	1/2	4,425.91	1/2	4,068.25	1/2	3,710.28	1/2	3,352.31
3/4		3/4		3/4		3/4		3/4	5,052.61	3/4	4,774.69	3/4	4,418.48	3/4	4,060.80	3/4	3,702.82	3/4	3,344.85
4		4		4		4		4	5,051.07	4	4,767.30	4	4,411.04	4	4,053.34	4	3,695.36	4	3,337.39
1/4		1/4		1/4		1/4		1/4	5,049.54	1/4	4,759.90	1/4	4,403.60	1/4	4,045.88	1/4	3,687.91	1/4	3,329.93
1/2		1/2		1/2		1/2		1/2	5,048.00	1/2	4,752.50	1/2	4,396.17	1/2	4,038.42	1/2	3,680.45	1/2	3,322.47
3/4		3/4		3/4		3/4		3/4	5,046.46	3/4	4,745.11	3/4	4,388.73	3/4	4,030.97	3/4	3,672.99	3/4	3,315.02
5		5		5		5		5	5,043.86	5	4,737.71	5	4,381.30	5	4,023.51	5	3,665.53	5	3,307.56
1/4		1/4		1/4		1/4		1/4	5,041.25	1/4	4,730.32	1/4	4,373.86	1/4	4,016.05	1/4	3,658.08	1/4	3,300.10
1/2		1/2		1/2		1/2		1/2	5,038.65	1/2	4,722.92	1/2	4,366.42	1/2	4,008.59	1/2	3,650.62	1/2	3,292.64
3/4		3/4		3/4		3/4		3/4	5,036.05	3/4	4,715.52	3/4	4,358.99	3/4	4,001.13	3/4	3,643.16	3/4	3,285.19
6		6		6		6		6	5,032.38	6	4,708.13	6	4,351.55	6	3,993.68	6	3,635.70	6	3,277.73
1/4		1/4		1/4		1/4		1/4	5,028.71	1/4	4,700.73	1/4	4,344.12	1/4	3,986.22	1/4	3,628.24	1/4	3,270.27
1/2		1/2		1/2		1/2		1/2	5,025.04	1/2	4,693.33	1/2	4,336.68	1/2	3,978.76	1/2	3,620.79	1/2	3,262.81
3/4		3/4		3/4		3/4		3/4	5,021.37	3/4	4,685.94	3/4	4,329.24	3/4	3,971.30	3/4	3,613.33	3/4	3,255.35
7		7		7		7		7	5,016.63	7	4,678.54	7	4,321.79	7	3,963.84	7	3,605.87	7	3,247.90
1/4		1/4		1/4		1/4		1/4	5,011.90	1/4	4,671.14	1/4	4,314.34	1/4	3,956.39	1/4	3,598.41	1/4	3,240.44
1/2		1/2		1/2		1/2		1/2	5,007.16	1/2	4,663.75	1/2	4,306.90	1/2	3,948.93	1/2	3,590.95	1/2	3,232.98
3/4		3/4		3/4		3/4		3/4	5,002.43	3/4	4,656.35	3/4	4,299.45	3/4	3,941.47	3/4	3,583.50	3/4	3,225.52
8		8		8		8		8	4,996.63	8	4,648.94	8	4,291.99	8	3,934.01	8	3,576.04	8	3,218.06
1/4		1/4		1/4		1/4		1/4	4,990.83	1/4	4,641.52	1/4	4,284.53	1/4	3,926.56	1/4	3,568.58	1/4	3,210.61
1/2		1/2		1/2		1/2		1/2	4,985.02	1/2	4,634.10	1/2	4,277.07	1/2	3,919.10	1/2	3,561.12	1/2	3,203.15
3/4		3/4		3/4		3/4		3/4	4,979.22	3/4	4,626.69	3/4	4,269.61	3/4	3,911.64	3/4	3,553.67	3/4	3,195.69
9		9		9		9		9	4,972.42	9	4,619.25	9	4,262.16	9	3,904.18	9	3,546.21	9	3,188.23
1/4		1/4		1/4		1/4		1/4	4,965.62	1/4	4,611.82	1/4	4,254.70	1/4	3,896.72	1/4	3,538.75	1/4	3,180.78
1/2		1/2		1/2		1/2		1/2	4,958.82	1/2	4,604.38	1/2	4,247.24	1/2	3,889.27	1/2	3,531.29	1/2	3,173.32
3/4		3/4		3/4		3/4		3/4	4,952.02	3/4	4,596.94	3/4	4,239.78	3/4	3,881.81	3/4	3,523.83	3/4	3,165.86
10		10		10		10		10	4,944.68	10	4,589.51	10	4,232.33	10	3,874.35	10	3,516.38	10	3,158.40
1/4		1/4		1/4		1/4		1/4	4,937.35	1/4	4,582.07	1/4	4,224.87	1/4	3,866.89	1/4	3,508.92	1/4	3,150.94
1/2		1/2		1/2		1/2		1/2	4,930.01	1/2	4,574.63	1/2	4,217.41	1/2	3,859.44	1/2	3,501.46	1/2	3,143.49
3/4		3/4		3/4		3/4		3/4	4,922.68	3/4	4,567.20	3/4	4,209.95	3/4	3,851.98	3/4	3,494.00	3/4	3,136.03
11		11		11		11		11	4,915.28	11	4,559.76	11	4,202.49	11	3,844.52	11	3,486.55	11	3,128.57
1/4		1/4		1/4		1/4		1/4	4,907.88	1/4	4,552.33	1/4	4,195.04	1/4	3,837.06	1/4	3,479.09	1/4	3,121.11
1/2		1/2		1/2		1/2		1/2	4,900.48	1/2	4,544.89	1/2	4,187.58	1/2	3,829.60	1/2	3,471.63	1/2	3,113.66
3/4		3/4		3/4		3/4		3/4	4,893.07	3/4	4,537.45	3/4	4,180.12	3/4	3,822.15	3/4	3,464.17	3/4	3,106.20

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "LACB - 120"

1 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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	3,098.74	0	2,740.66	0	2,382.49	0	2,024.32	0	1,666.16	0	1,307.99	0	950.77	0	593.88	0	254.44	0	
1/4	3,091.28	1/4	2,733.19	1/4	2,375.03	1/4	2,016.86	1/4	1,658.70	1/4	1,300.53	1/4	943.35	1/4	586.41	1/4	247.86	1/4	
1/2	3,083.82	1/2	2,725.73	1/2	2,367.57	1/2	2,009.40	1/2	1,651.23	1/2	1,293.07	1/2	935.94	1/2	578.95	1/2	241.28	1/2	
3/4	3,076.37	3/4	2,718.27	3/4	2,360.10	3/4	2,001.94	3/4	1,643.77	3/4	1,285.61	3/4	928.53	3/4	571.49	3/4	234.69	3/4	
1	3,068.91	1	2,710.81	1	2,352.64	1	1,994.48	1	1,636.31	1	1,278.14	1	921.12	1	564.05	1	228.19	1	
1/4	3,061.45	1/4	2,703.35	1/4	2,345.18	1/4	1,987.01	1/4	1,628.85	1/4	1,270.68	1/4	913.71	1/4	556.61	1/4	221.69	1/4	
1/2	3,053.99	1/2	2,695.89	1/2	2,337.72	1/2	1,979.55	1/2	1,621.39	1/2	1,263.22	1/2	906.30	1/2	549.17	1/2	215.19	1/2	
3/4	3,046.54	3/4	2,688.42	3/4	2,330.26	3/4	1,972.09	3/4	1,613.92	3/4	1,255.76	3/4	898.89	3/4	541.73	3/4	208.69	3/4	
2	3,039.08	2	2,680.96	2	2,322.80	2	1,964.63	2	1,606.46	2	1,248.30	2	891.48	2	534.35	2	202.28	2	
1/4	3,031.62	1/4	2,673.50	1/4	2,315.33	1/4	1,957.17	1/4	1,599.00	1/4	1,240.83	1/4	884.07	1/4	526.98	1/4	195.86	1/4	
1/2	3,024.16	1/2	2,666.04	1/2	2,307.87	1/2	1,949.71	1/2	1,591.54	1/2	1,233.37	1/2	876.66	1/2	519.60	1/2	189.44	1/2	
3/4	3,016.70	3/4	2,658.58	3/4	2,300.41	3/4	1,942.24	3/4	1,584.08	3/4	1,225.91	3/4	869.25	3/4	512.22	3/4	183.02	3/4	
3	3,009.25	3	2,651.11	3	2,292.95	3	1,934.78	3	1,576.62	3	1,218.45	3	861.83	3	504.93	3	176.68	3	
1/4	3,001.79	1/4	2,643.65	1/4	2,285.49	1/4	1,927.32	1/4	1,569.15	1/4	1,210.99	1/4	854.42	1/4	497.63	1/4	170.33	1/4	
1/2	2,994.33	1/2	2,636.19	1/2	2,278.02	1/2	1,919.86	1/2	1,561.69	1/2	1,203.53	1/2	847.01	1/2	490.33	1/2	163.99	1/2	
3/4	2,986.87	3/4	2,628.73	3/4	2,270.56	3/4	1,912.40	3/4	1,554.23	3/4	1,196.06	3/4	839.60	3/4	483.04	3/4	157.65	3/4	
4	2,979.42	4	2,621.27	4	2,263.10	4	1,904.93	4	1,546.77	4	1,188.60	4	832.19	4	475.82	4	151.38	4	
1/4	2,971.96	1/4	2,613.81	1/4	2,255.64	1/4	1,897.47	1/4	1,539.31	1/4	1,181.14	1/4	824.78	1/4	468.60	1/4	145.11	1/4	
1/2	2,964.50	1/2	2,606.34	1/2	2,248.18	1/2	1,890.01	1/2	1,531.84	1/2	1,173.68	1/2	817.37	1/2	461.39	1/2	138.84	1/2	
3/4	2,957.04	3/4	2,598.88	3/4	2,240.72	3/4	1,882.55	3/4	1,524.38	3/4	1,166.22	3/4	809.96	3/4	454.17	3/4	132.57	3/4	
5	2,949.58	5	2,591.42	5	2,233.25	5	1,875.09	5	1,516.92	5	1,158.75	5	802.55	5	447.03	5	126.38	5	
1/4	2,942.13	1/4	2,583.96	1/4	2,225.79	1/4	1,867.63	1/4	1,509.46	1/4	1,151.29	1/4	795.14	1/4	439.90	1/4	120.19	1/4	
1/2	2,934.67	1/2	2,576.50	1/2	2,218.33	1/2	1,860.16	1/2	1,502.00	1/2	1,143.83	1/2	787.73	1/2	432.76	1/2	114.00	1/2	
3/4	2,927.21	3/4	2,569.04	3/4	2,210.87	3/4	1,852.70	3/4	1,494.54	3/4	1,136.37	3/4	780.31	3/4	425.63	3/4	107.81	3/4	
6	2,919.75	6	2,561.57	6	2,203.41	6	1,845.24	6	1,487.07	6	1,128.92	6	772.88	6	418.58	6	101.70	6	
1/4	2,912.28	1/4	2,554.11	1/4	2,195.95	1/4	1,837.78	1/4	1,479.61	1/4	1,121.48	1/4	765.44	1/4	411.52	1/4	95.59	1/4	
1/2	2,904.82	1/2	2,546.65	1/2	2,188.48	1/2	1,830.32	1/2	1,472.15	1/2	1,114.03	1/2	758.01	1/2	404.47	1/2	89.48	1/2	
3/4	2,897.35	3/4	2,539.19	3/4	2,181.02	3/4	1,822.86	3/4	1,464.69	3/4	1,106.58	3/4	750.57	3/4	397.42	3/4	83.37	3/4	
7	2,889.89	7	2,531.73	7	2,173.56	7	1,815.39	7	1,457.23	7	1,099.15	7	743.11	7	390.44	7	77.34	7	
1/4	2,882.43	1/4	2,524.26	1/4	2,166.10	1/4	1,807.93	1/4	1,449.77	1/4	1,091.72	1/4	735.65	1/4	383.47	1/4	71.31	1/4	
1/2	2,874.97	1/2	2,516.80	1/2	2,158.64	1/2	1,800.47	1/2	1,442.30	1/2	1,084.28	1/2	728.18	1/2	376.50	1/2	65.28	1/2	
3/4	2,867.51	3/4	2,509.34	3/4	2,151.17	3/4	1,793.01	3/4	1,434.84	3/4	1,076.85	3/4	720.72	3/4	369.53	3/4	59.26	3/4	
8	2,860.05	8	2,501.88	8	2,143.71	8	1,785.55	8	1,427.38	8	1,069.43	8	713.26	8	362.63	8	53.78	8	
1/4	2,852.58	1/4	2,494.42	1/4	2,136.25	1/4	1,778.08	1/4	1,419.92	1/4	1,062.00	1/4	705.80	1/4	355.73	1/4	48.30	1/4	
1/2	2,845.12	1/2	2,486.96	1/2	2,128.79	1/2	1,770.62	1/2	1,412.46	1/2	1,054.58	1/2	698.34	1/2	348.84	1/2	42.82	1/2	
3/4	2,837.66	3/4	2,479.49	3/4	2,121.33	3/4	1,763.16	3/4	1,404.99	3/4	1,047.15	3/4	690.88	3/4	341.94	3/4	37.34	3/4	
9	2,830.20	9	2,472.03	9	2,113.87	9	1,755.70	9	1,397.53	9	1,039.73	9	683.41	9	335.12	9	33.34	9	
1/4	2,822.74	1/4	2,464.57	1/4	2,106.40	1/4	1,748.24	1/4	1,390.07	1/4	1,032.31	1/4	675.95	1/4	328.29	1/4	29.34	1/4	
1/2	2,815.27	1/2	2,457.11	1/2	2,098.94	1/2	1,740.78	1/2	1,382.61	1/2	1,024.90	1/2	668.49	1/2	321.47	1/2	25.34	1/2	
3/4	2,807.81	3/4	2,449.65	3/4	2,091.48	3/4	1,733.31	3/4	1,375.15	3/4	1,017.48	3/4	661.03	3/4	314.64	3/4	21.34	3/4	
10	2,800.35	10	2,442.18	10	2,084.02	10	1,725.85	10	1,367.69	10	1,010.06	10	653.57	10	307.90	10	18.43	10	
1/4	2,792.89	1/4	2,434.72	1/4	2,076.56	1/4	1,718.39	1/4	1,360.22	1/4	1,002.65	1/4	646.11	1/4	301.16	1/4	15.52	1/4	
1/2	2,785.43	1/2	2,427.26	1/2	2,069.09	1/2	1,710.93	1/2	1,352.76	1/2	995.23	1/2	638.64	1/2	294.41	1/2	12.60	1/2	
3/4	2,777.97	3/4	2,419.80	3/4	2,061.63	3/4	1,703.47	3/4	1,345.30	3/4	987.82	3/4	631.18	3/4	287.67	3/4	9.69	3/4	
11	2,770.50	11	2,412.34	11	2,054.17	11	1,696.00	11	1,337.84	11	980.41	11	623.72	11	281.01	11	7.83	11	
1/4	2,763.04	1/4	2,404.88	1/4	2,046.71	1/4	1,688.54	1/4	1,330.38	1/4	973.00	1/4	616.26	1/4	274.35	1/4	5.96	1/4	
1/2	2,755.58	1/2	2,397.41	1/2	2,039.25	1/2	1,681.08	1/2	1,322.91	1/2	965.59	1/2	608.80	1/2	267.68	1/2	4.10	1/2	
3/4	2,748.12	3/4	2,389.95	3/4	2,031.79	3/4	1,673.62	3/4	1,315.45	3/4	958.18	3/4	601.34	3/4	261.02	3/4	2.23	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "LACB - 120"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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		0	4,889.72	0	4,533.89	0	4,176.37	0	3,818.23	0	3,460.09
1/4		1/4		1/4		1/4		1/4		1/4	4,882.32	1/4	4,526.45	1/4	4,168.91	1/4	3,810.77	1/4	3,452.62
1/2		1/2		1/2		1/2		1/2		1/2	4,874.91	1/2	4,519.01	1/2	4,161.45	1/2	3,803.31	1/2	3,445.16
3/4		3/4		3/4		3/4		3/4		3/4	4,867.51	3/4	4,511.57	3/4	4,153.99	3/4	3,795.84	3/4	3,437.70
1		1		1		1		1		1	4,860.10	1	4,504.13	1	4,146.53	1	3,788.38	1	3,430.24
1/4		1/4		1/4		1/4		1/4		1/4	4,852.70	1/4	4,496.70	1/4	4,139.06	1/4	3,780.92	1/4	3,422.78
1/2		1/2		1/2		1/2		1/2		1/2	4,845.30	1/2	4,489.26	1/2	4,131.60	1/2	3,773.46	1/2	3,415.32
3/4		3/4		3/4		3/4		3/4		3/4	4,837.89	3/4	4,481.82	3/4	4,124.14	3/4	3,766.00	3/4	3,407.86
2		2		2		2		2		2	4,830.49	2	4,474.38	2	4,116.68	2	3,758.54	2	3,400.40
1/4		1/4		1/4		1/4		1/4		1/4	4,823.09	1/4	4,466.94	1/4	4,109.22	1/4	3,751.08	1/4	3,392.93
1/2		1/2		1/2		1/2		1/2		1/2	4,815.69	1/2	4,459.50	1/2	4,101.76	1/2	3,743.62	1/2	3,385.47
3/4		3/4		3/4		3/4		3/4		3/4	4,808.29	3/4	4,452.06	3/4	4,094.30	3/4	3,736.15	3/4	3,378.01
3		3		3		3		3		3	4,800.89	3	4,444.62	3	4,086.84	3	3,728.69	3	3,370.55
1/4		1/4		1/4		1/4		1/4		1/4	4,793.49	1/4	4,437.18	1/4	4,079.37	1/4	3,721.23	1/4	3,363.09
1/2		1/2		1/2		1/2		1/2		1/2	4,786.09	1/2	4,429.74	1/2	4,071.91	1/2	3,713.77	1/2	3,355.63
3/4		3/4		3/4		3/4		3/4	5,056.72	3/4	4,778.69	3/4	4,422.30	3/4	4,064.45	3/4	3,706.31	3/4	3,348.17
4		4		4		4		4	5,055.18	4	4,771.29	4	4,414.86	4	4,056.99	4	3,698.85	4	3,340.71
1/4		1/4		1/4		1/4		1/4	5,053.64	1/4	4,763.89	1/4	4,407.42	1/4	4,049.53	1/4	3,691.39	1/4	3,333.24
1/2		1/2		1/2		1/2		1/2	5,052.11	1/2	4,756.49	1/2	4,399.98	1/2	4,042.07	1/2	3,683.92	1/2	3,325.78
3/4		3/4		3/4		3/4		3/4	5,050.57	3/4	4,749.09	3/4	4,392.54	3/4	4,034.61	3/4	3,676.46	3/4	3,318.32
5		5		5		5		5	5,047.96	5	4,741.69	5	4,385.10	5	4,027.14	5	3,669.00	5	3,310.86
1/4		1/4		1/4		1/4		1/4	5,045.36	1/4	4,734.29	1/4	4,377.66	1/4	4,019.68	1/4	3,661.54	1/4	3,303.40
1/2		1/2		1/2		1/2		1/2	5,042.75	1/2	4,726.89	1/2	4,370.22	1/2	4,012.22	1/2	3,654.08	1/2	3,295.94
3/4		3/4		3/4		3/4		3/4	5,040.15	3/4	4,719.49	3/4	4,362.78	3/4	4,004.76	3/4	3,646.62	3/4	3,288.48
6		6		6		6		6	5,036.48	6	4,712.09	6	4,355.34	6	3,997.30	6	3,639.16	6	3,281.01
1/4		1/4		1/4		1/4		1/4	5,032.81	1/4	4,704.69	1/4	4,347.90	1/4	3,989.84	1/4	3,631.70	1/4	3,273.55
1/2		1/2		1/2		1/2		1/2	5,029.14	1/2	4,697.29	1/2	4,340.46	1/2	3,982.38	1/2	3,624.23	1/2	3,266.09
3/4		3/4		3/4		3/4		3/4	5,025.46	3/4	4,689.89	3/4	4,333.02	3/4	3,974.92	3/4	3,616.77	3/4	3,258.63
7		7		7		7		7	5,020.73	7	4,682.49	7	4,325.57	7	3,967.45	7	3,609.31	7	3,251.17
1/4		1/4		1/4		1/4		1/4	5,015.99	1/4	4,675.09	1/4	4,318.12	1/4	3,959.99	1/4	3,601.85	1/4	3,243.71
1/2		1/2		1/2		1/2		1/2	5,011.25	1/2	4,667.69	1/2	4,310.67	1/2	3,952.53	1/2	3,594.39	1/2	3,236.25
3/4		3/4		3/4		3/4		3/4	5,006.51	3/4	4,660.29	3/4	4,303.21	3/4	3,945.07	3/4	3,586.93	3/4	3,228.79
8		8		8		8		8	5,000.71	8	4,652.87	8	4,295.75	8	3,937.61	8	3,579.47	8	3,221.32
1/4		1/4		1/4		1/4		1/4	4,994.91	1/4	4,645.45	1/4	4,288.29	1/4	3,930.15	1/4	3,572.01	1/4	3,213.86
1/2		1/2		1/2		1/2		1/2	4,989.10	1/2	4,638.03	1/2	4,280.83	1/2	3,922.69	1/2	3,564.54	1/2	3,206.40
3/4		3/4		3/4		3/4		3/4	4,983.30	3/4	4,630.61	3/4	4,273.37	3/4	3,915.23	3/4	3,557.08	3/4	3,198.94
9		9		9		9		9	4,976.49	9	4,623.17	9	4,265.91	9	3,907.76	9	3,549.62	9	3,191.48
1/4		1/4		1/4		1/4		1/4	4,969.69	1/4	4,615.73	1/4	4,258.45	1/4	3,900.30	1/4	3,542.16	1/4	3,184.02
1/2		1/2		1/2		1/2		1/2	4,962.89	1/2	4,608.29	1/2	4,250.98	1/2	3,892.84	1/2	3,534.70	1/2	3,176.56
3/4		3/4		3/4		3/4		3/4	4,956.09	3/4	4,600.85	3/4	4,243.52	3/4	3,885.38	3/4	3,527.24	3/4	3,169.10
10		10		10		10		10	4,948.75	10	4,593.41	10	4,236.06	10	3,877.92	10	3,519.78	10	3,161.63
1/4		1/4		1/4		1/4		1/4	4,941.41	1/4	4,585.97	1/4	4,228.60	1/4	3,870.46	1/4	3,512.32	1/4	3,154.17
1/2		1/2		1/2		1/2		1/2	4,934.08	1/2	4,578.53	1/2	4,221.14	1/2	3,863.00	1/2	3,504.85	1/2	3,146.71
3/4		3/4		3/4		3/4		3/4	4,926.74	3/4	4,571.09	3/4	4,213.68	3/4	3,855.53	3/4	3,497.39	3/4	3,139.25
11		11		11		11		11	4,919.34	11	4,563.65	11	4,206.22	11	3,848.07	11	3,489.93	11	3,131.79
1/4		1/4		1/4		1/4		1/4	4,911.93	1/4	4,556.21	1/4	4,198.75	1/4	3,840.61	1/4	3,482.47	1/4	3,124.33
1/2		1/2		1/2		1/2		1/2	4,904.53	1/2	4,548.77	1/2	4,191.29	1/2	3,833.15	1/2	3,475.01	1/2	3,116.87
3/4		3/4		3/4		3/4		3/4	4,897.12	3/4	4,541.33	3/4	4,183.83	3/4	3,825.69	3/4	3,467.55	3/4	3,109.40

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "LACB - 120"

1 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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	3,101.94	0	2,743.71	0	2,385.37	0	2,027.03	0	1,668.70	0	1,310.36	0	952.17	0	594.18	0	254.62	0	
1/4	3,094.48	1/4	2,736.25	1/4	2,377.91	1/4	2,019.57	1/4	1,661.23	1/4	1,302.89	1/4	944.72	1/4	586.72	1/4	248.03	1/4	
1/2	3,087.02	1/2	2,728.78	1/2	2,370.44	1/2	2,012.10	1/2	1,653.76	1/2	1,295.43	1/2	937.26	1/2	579.25	1/2	241.45	1/2	
3/4	3,079.56	3/4	2,721.32	3/4	2,362.98	3/4	2,004.64	3/4	1,646.30	3/4	1,287.96	3/4	929.81	3/4	571.79	3/4	234.86	3/4	
1	3,072.10	1	2,713.85	1	2,355.51	1	1,997.17	1	1,638.83	1	1,280.49	1	922.36	1	564.35	1	228.36	1	
1/4	3,064.64	1/4	2,706.39	1/4	2,348.05	1/4	1,989.71	1/4	1,631.37	1/4	1,273.03	1/4	914.91	1/4	556.91	1/4	221.86	1/4	
1/2	3,057.18	1/2	2,698.92	1/2	2,340.58	1/2	1,982.24	1/2	1,623.90	1/2	1,265.56	1/2	907.46	1/2	549.47	1/2	215.35	1/2	
3/4	3,049.71	3/4	2,691.46	3/4	2,333.12	3/4	1,974.78	3/4	1,616.44	3/4	1,258.10	3/4	900.01	3/4	542.03	3/4	208.85	3/4	
2	3,042.25	2	2,683.99	2	2,325.65	2	1,967.31	2	1,608.97	2	1,250.63	2	892.55	2	534.66	2	202.42	2	
1/4	3,034.79	1/4	2,676.52	1/4	2,318.19	1/4	1,959.85	1/4	1,601.51	1/4	1,243.17	1/4	885.10	1/4	527.28	1/4	196.00	1/4	
1/2	3,027.33	1/2	2,669.06	1/2	2,310.72	1/2	1,952.38	1/2	1,594.04	1/2	1,235.70	1/2	877.65	1/2	519.91	1/2	189.58	1/2	
3/4	3,019.87	3/4	2,661.59	3/4	2,303.25	3/4	1,944.92	3/4	1,586.58	3/4	1,228.24	3/4	870.20	3/4	512.54	3/4	183.16	3/4	
3	3,012.41	3	2,654.13	3	2,295.79	3	1,937.45	3	1,579.11	3	1,220.77	3	862.75	3	505.24	3	176.81	3	
1/4	3,004.95	1/4	2,646.66	1/4	2,288.32	1/4	1,929.98	1/4	1,571.65	1/4	1,213.31	1/4	855.30	1/4	497.94	1/4	170.46	1/4	
1/2	2,997.49	1/2	2,639.20	1/2	2,280.86	1/2	1,922.52	1/2	1,564.18	1/2	1,205.84	1/2	847.85	1/2	490.64	1/2	164.11	1/2	
3/4	2,990.02	3/4	2,631.73	3/4	2,273.39	3/4	1,915.05	3/4	1,556.71	3/4	1,198.38	3/4	840.39	3/4	483.35	3/4	157.76	3/4	
4	2,982.56	4	2,624.27	4	2,265.93	4	1,907.59	4	1,549.25	4	1,190.91	4	832.94	4	476.13	4	151.49	4	
1/4	2,975.10	1/4	2,616.80	1/4	2,258.46	1/4	1,900.12	1/4	1,541.78	1/4	1,183.44	1/4	825.49	1/4	468.91	1/4	145.22	1/4	
1/2	2,967.64	1/2	2,609.34	1/2	2,251.00	1/2	1,892.66	1/2	1,534.32	1/2	1,175.98	1/2	818.04	1/2	461.69	1/2	138.94	1/2	
3/4	2,960.18	3/4	2,601.87	3/4	2,243.53	3/4	1,885.19	3/4	1,526.85	3/4	1,168.51	3/4	810.59	3/4	454.47	3/4	132.67	3/4	
5	2,952.72	5	2,594.41	5	2,236.07	5	1,877.73	5	1,519.39	5	1,161.05	5	803.14	5	447.33	5	126.47	5	
1/4	2,945.26	1/4	2,586.94	1/4	2,228.60	1/4	1,870.26	1/4	1,511.92	1/4	1,153.58	1/4	795.69	1/4	440.19	1/4	120.28	1/4	
1/2	2,937.79	1/2	2,579.47	1/2	2,221.14	1/2	1,862.80	1/2	1,504.46	1/2	1,146.12	1/2	788.23	1/2	433.05	1/2	114.08	1/2	
3/4	2,930.33	3/4	2,572.01	3/4	2,213.67	3/4	1,855.33	3/4	1,496.99	3/4	1,138.65	3/4	780.78	3/4	425.91	3/4	107.89	3/4	
6	2,922.87	6	2,564.54	6	2,206.20	6	1,847.87	6	1,489.53	6	1,131.19	6	773.32	6	418.85	6	101.78	6	
1/4	2,915.41	1/4	2,557.08	1/4	2,198.74	1/4	1,840.40	1/4	1,482.06	1/4	1,123.72	1/4	765.87	1/4	411.80	1/4	95.66	1/4	
1/2	2,907.95	1/2	2,549.61	1/2	2,191.27	1/2	1,832.93	1/2	1,474.60	1/2	1,116.26	1/2	758.41	1/2	404.74	1/2	89.55	1/2	
3/4	2,900.49	3/4	2,542.15	3/4	2,183.81	3/4	1,825.47	3/4	1,467.13	3/4	1,108.79	3/4	750.95	3/4	397.68	3/4	83.43	3/4	
7	2,893.02	7	2,534.68	7	2,176.34	7	1,818.00	7	1,459.66	7	1,101.33	7	743.48	7	390.71	7	77.40	7	
1/4	2,885.56	1/4	2,527.22	1/4	2,168.88	1/4	1,810.54	1/4	1,452.20	1/4	1,093.86	1/4	736.02	1/4	383.73	1/4	71.37	1/4	
1/2	2,878.09	1/2	2,519.75	1/2	2,161.41	1/2	1,803.07	1/2	1,444.73	1/2	1,086.39	1/2	728.55	1/2	376.76	1/2	65.34	1/2	
3/4	2,870.62	3/4	2,512.29	3/4	2,153.95	3/4	1,795.61	3/4	1,437.27	3/4	1,078.93	3/4	721.09	3/4	369.78	3/4	59.30	3/4	
8	2,863.16	8	2,504.82	8	2,146.48	8	1,788.14	8	1,429.80	8	1,071.47	8	713.62	8	362.88	8	53.82	8	
1/4	2,855.69	1/4	2,497.35	1/4	2,139.02	1/4	1,780.68	1/4	1,422.34	1/4	1,064.00	1/4	706.16	1/4	355.98	1/4	48.34	1/4	
1/2	2,848.23	1/2	2,489.89	1/2	2,131.55	1/2	1,773.21	1/2	1,414.87	1/2	1,056.54	1/2	698.69	1/2	349.08	1/2	42.85	1/2	
3/4	2,840.76	3/4	2,482.42	3/4	2,124.08	3/4	1,765.75	3/4	1,407.41	3/4	1,049.08	3/4	691.23	3/4	342.17	3/4	37.37	3/4	
9	2,833.30	9	2,474.96	9	2,116.62	9	1,758.28	9	1,399.94	9	1,041.62	9	683.76	9	335.35	9	33.36	9	
1/4	2,825.83	1/4	2,467.49	1/4	2,109.15	1/4	1,750.81	1/4	1,392.48	1/4	1,034.16	1/4	676.30	1/4	328.52	1/4	29.36	1/4	
1/2	2,818.37	1/2	2,460.03	1/2	2,101.69	1/2	1,743.35	1/2	1,385.01	1/2	1,026.70	1/2	668.83	1/2	321.69	1/2	25.36	1/2	
3/4	2,810.90	3/4	2,452.56	3/4	2,094.22	3/4	1,735.88	3/4	1,377.54	3/4	1,019.24	3/4	661.37	3/4	314.86	3/4	21.36	3/4	
10	2,803.44	10	2,445.10	10	2,086.76	10	1,728.42	10	1,370.08	10	1,011.79	10	653.90	10	308.12	10	18.44	10	
1/4	2,795.97	1/4	2,437.63	1/4	2,079.29	1/4	1,720.95	1/4	1,362.61	1/4	1,004.33	1/4	646.44	1/4	301.37	1/4	15.53	1/4	
1/2	2,788.51	1/2	2,430.17	1/2	2,071.83	1/2	1,713.49	1/2	1,355.15	1/2	996.88	1/2	638.97	1/2	294.62	1/2	12.61	1/2	
3/4	2,781.04	3/4	2,422.70	3/4	2,064.36	3/4	1,706.02	3/4	1,347.68	3/4	989.42	3/4	631.51	3/4	287.87	3/4	9.70	3/4	
11	2,773.57	11	2,415.24	11	2,056.90	11	1,698.56	11	1,340.22	11	981.97	11	624.04	11	281.21	11	7.83	11	
1/4	2,766.11	1/4	2,407.77	1/4	2,049.43	1/4	1,691.09	1/4	1,332.75	1/4	974.52	1/4	616.58	1/4	274.54	1/4	5.97	1/4	
1/2	2,758.64	1/2	2,400.30	1/2	2,041.97	1/2	1,683.63	1/2	1,325.29	1/2	967.07	1/2	609.11	1/2	267.87	1/2	4.10	1/2	
3/4	2,751.18	3/4	2,392.84	3/4	2,034.50	3/4	1,676.16	3/4	1,317.82	3/4	959.62	3/4	601.65	3/4	261.21	3/4	2.23	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "LACB - 120"

2 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 19'-00"

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		0	4,965.39	0	4,608.76	0	4,250.42	0	3,891.45	0	3,532.48
1/4		1/4		1/4		1/4		1/4		1/4	4,957.97	1/4	4,601.31	1/4	4,242.95	1/4	3,883.97	1/4	3,525.00
1/2		1/2		1/2		1/2		1/2		1/2	4,950.55	1/2	4,593.85	1/2	4,235.47	1/2	3,876.49	1/2	3,517.52
3/4		3/4		3/4		3/4		3/4		3/4	4,943.13	3/4	4,586.39	3/4	4,227.99	3/4	3,869.02	3/4	3,510.04
1		1		1		1		1		1	4,935.71	1	4,578.94	1	4,220.51	1	3,861.54	1	3,502.56
1/4		1/4		1/4		1/4		1/4		1/4	4,928.28	1/4	4,571.48	1/4	4,213.03	1/4	3,854.06	1/4	3,495.09
1/2		1/2		1/2		1/2		1/2		1/2	4,920.86	1/2	4,564.02	1/2	4,205.55	1/2	3,846.58	1/2	3,487.61
3/4		3/4		3/4		3/4		3/4		3/4	4,913.44	3/4	4,556.57	3/4	4,198.07	3/4	3,839.10	3/4	3,480.13
2		2		2		2		2		2	4,906.02	2	4,549.11	2	4,190.60	2	3,831.62	2	3,472.65
1/4		1/4		1/4		1/4		1/4		1/4	4,898.60	1/4	4,541.65	1/4	4,183.12	1/4	3,824.14	1/4	3,465.17
1/2		1/2		1/2		1/2		1/2		1/2	4,891.18	1/2	4,534.19	1/2	4,175.64	1/2	3,816.67	1/2	3,457.69
3/4		3/4		3/4		3/4		3/4		3/4	4,883.76	3/4	4,526.74	3/4	4,168.16	3/4	3,809.19	3/4	3,450.21
3		3		3		3		3		3	4,876.34	3	4,519.28	3	4,160.68	3	3,801.71	3	3,442.74
1/4		1/4		1/4		1/4		1/4		1/4	4,868.93	1/4	4,511.82	1/4	4,153.20	1/4	3,794.23	1/4	3,435.26
1/2		1/2		1/2		1/2		1/2		1/2	4,861.51	1/2	4,504.37	1/2	4,145.72	1/2	3,786.75	1/2	3,427.78
3/4		3/4		3/4		3/4		3/4		3/4	4,854.09	3/4	4,496.91	3/4	4,138.25	3/4	3,779.27	3/4	3,420.30
4		4		4		4	5,125.38	4	4,846.67	4	4,489.45	4	4,130.77	4	3,771.79	4	3,412.82		
1/4		1/4		1/4		1/4	5,123.84	1/4	4,839.26	1/4	4,482.00	1/4	4,123.29	1/4	3,764.32	1/4	3,405.34		
1/2		1/2		1/2		1/2	5,122.30	1/2	4,831.84	1/2	4,474.54	1/2	4,115.81	1/2	3,756.84	1/2	3,397.86		
3/4		3/4		3/4		3/4	5,120.75	3/4	4,824.42	3/4	4,467.08	3/4	4,108.33	3/4	3,749.36	3/4	3,390.39		
5		5		5		5	5,119.21	5	4,817.00	5	4,459.62	5	4,100.85	5	3,741.88	5	3,382.91		
1/4		1/4		1/4		1/4	5,116.60	1/4	4,809.59	1/4	4,452.17	1/4	4,093.37	1/4	3,734.40	1/4	3,375.43		
1/2		1/2		1/2		1/2	5,113.99	1/2	4,802.17	1/2	4,444.71	1/2	4,085.90	1/2	3,726.92	1/2	3,367.95		
3/4		3/4		3/4		3/4	5,111.38	3/4	4,794.75	3/4	4,437.25	3/4	4,078.42	3/4	3,719.44	3/4	3,360.47		
6		6		6		6	5,108.77	6	4,787.34	6	4,429.80	6	4,070.94	6	3,711.97	6	3,352.99		
1/4		1/4		1/4		1/4	5,105.09	1/4	4,779.92	1/4	4,422.34	1/4	4,063.46	1/4	3,704.49	1/4	3,345.51		
1/2		1/2		1/2		1/2	5,101.41	1/2	4,772.50	1/2	4,414.88	1/2	4,055.98	1/2	3,697.01	1/2	3,338.04		
3/4		3/4		3/4		3/4	5,097.73	3/4	4,765.08	3/4	4,407.43	3/4	4,048.50	3/4	3,689.53	3/4	3,330.56		
7		7		7		7	5,094.05	7	4,757.67	7	4,399.97	7	4,041.02	7	3,682.05	7	3,323.08		
1/4		1/4		1/4		1/4	5,089.30	1/4	4,750.25	1/4	4,392.50	1/4	4,033.54	1/4	3,674.57	1/4	3,315.60		
1/2		1/2		1/2		1/2	5,084.55	1/2	4,742.83	1/2	4,385.03	1/2	4,026.07	1/2	3,667.09	1/2	3,308.12		
3/4		3/4		3/4		3/4	5,079.80	3/4	4,735.41	3/4	4,377.55	3/4	4,018.59	3/4	3,659.61	3/4	3,300.64		
8		8		8		8	5,075.05	8	4,728.00	8	4,370.08	8	4,011.11	8	3,652.14	8	3,293.16		
1/4		1/4		1/4		1/4	5,069.23	1/4	4,720.56	1/4	4,362.60	1/4	4,003.63	1/4	3,644.66	1/4	3,285.68		
1/2		1/2		1/2		1/2	5,063.42	1/2	4,713.12	1/2	4,355.12	1/2	3,996.15	1/2	3,637.18	1/2	3,278.21		
3/4		3/4		3/4		3/4	5,057.60	3/4	4,705.69	3/4	4,347.65	3/4	3,988.67	3/4	3,629.70	3/4	3,270.73		
9		9		9		9	5,051.78	9	4,698.25	9	4,340.17	9	3,981.19	9	3,622.22	9	3,263.25		
1/4		1/4		1/4		1/4	5,044.96	1/4	4,690.79	1/4	4,332.69	1/4	3,973.72	1/4	3,614.74	1/4	3,255.77		
1/2		1/2		1/2		1/2	5,038.14	1/2	4,683.33	1/2	4,325.21	1/2	3,966.24	1/2	3,607.26	1/2	3,248.29		
3/4		3/4		3/4		3/4	5,031.32	3/4	4,675.88	3/4	4,317.73	3/4	3,958.76	3/4	3,599.79	3/4	3,240.81		
10		10		10		10	5,024.50	10	4,668.42	10	4,310.25	10	3,951.28	10	3,592.31	10	3,233.33		
1/4		1/4		1/4		1/4	5,017.14	1/4	4,660.96	1/4	4,302.77	1/4	3,943.80	1/4	3,584.83	1/4	3,225.86		
1/2		1/2		1/2		1/2	5,009.79	1/2	4,653.51	1/2	4,295.30	1/2	3,936.32	1/2	3,577.35	1/2	3,218.38		
3/4		3/4		3/4		3/4	5,002.43	3/4	4,646.05	3/4	4,287.82	3/4	3,928.84	3/4	3,569.87	3/4	3,210.90		
11		11		11		11	4,995.08	11	4,638.59	11	4,280.34	11	3,921.37	11	3,562.39	11	3,203.42		
1/4		1/4		1/4		1/4	4,987.65	1/4	4,631.14	1/4	4,272.86	1/4	3,913.89	1/4	3,554.91	1/4	3,195.94		
1/2		1/2		1/2		1/2	4,980.23	1/2	4,623.68	1/2	4,265.38	1/2	3,906.41	1/2	3,547.44	1/2	3,188.46		
3/4		3/4		3/4		3/4	4,972.81	3/4	4,616.22	3/4	4,257.90	3/4	3,898.93	3/4	3,539.96	3/4	3,180.98		

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "LACB - 120"

2 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 19'-00"

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	3,173.51	0	2,814.44	0	2,455.27	0	2,096.10	0	1,736.93	0	1,377.76	0	1,025.05	0	673.78	0	314.62	0	2.24
1/4	3,166.03	1/4	2,806.96	1/4	2,447.79	1/4	2,088.62	1/4	1,729.45	1/4	1,370.28	1/4	1,017.87	1/4	666.30	1/4	307.14	1/4	
1/2	3,158.55	1/2	2,799.48	1/2	2,440.31	1/2	2,081.14	1/2	1,721.97	1/2	1,362.80	1/2	1,010.69	1/2	658.82	1/2	299.66	1/2	
3/4	3,151.07	3/4	2,791.99	3/4	2,432.83	3/4	2,073.66	3/4	1,714.49	3/4	1,355.32	3/4	1,003.51	3/4	651.34	3/4	292.18	3/4	
1	3,143.59	1	2,784.51	1	2,425.34	1	2,066.17	1	1,707.00	1	1,347.83	1	996.33	1	643.85	1	284.69	1	
1/4	3,136.11	1/4	2,777.03	1/4	2,417.86	1/4	2,058.69	1/4	1,699.52	1/4	1,340.35	1/4	989.15	1/4	636.37	1/4	277.21	1/4	
1/2	3,128.63	1/2	2,769.55	1/2	2,410.38	1/2	2,051.21	1/2	1,692.04	1/2	1,332.87	1/2	981.98	1/2	628.89	1/2	269.73	1/2	
3/4	3,121.16	3/4	2,762.06	3/4	2,402.89	3/4	2,043.72	3/4	1,684.56	3/4	1,325.39	3/4	974.80	3/4	621.41	3/4	262.25	3/4	
2	3,113.68	2	2,754.58	2	2,395.41	2	2,036.24	2	1,677.07	2	1,317.90	2	967.62	2	613.92	2	254.76	2	
1/4	3,106.20	1/4	2,747.10	1/4	2,387.93	1/4	2,028.76	1/4	1,669.59	1/4	1,310.42	1/4	960.44	1/4	606.44	1/4	247.28	1/4	
1/2	3,098.72	1/2	2,739.62	1/2	2,380.45	1/2	2,021.28	1/2	1,662.11	1/2	1,302.94	1/2	953.26	1/2	598.96	1/2	239.80	1/2	
3/4	3,091.24	3/4	2,732.13	3/4	2,372.96	3/4	2,013.79	3/4	1,654.62	3/4	1,295.45	3/4	946.08	3/4	591.48	3/4	232.32	3/4	
3	3,083.76	3	2,724.65	3	2,365.48	3	2,006.31	3	1,647.14	3	1,287.97	3	938.90	3	583.99	3	224.83	3	
1/4	3,076.28	1/4	2,717.17	1/4	2,358.00	1/4	1,998.83	1/4	1,639.66	1/4	1,280.49	1/4	931.72	1/4	576.51	1/4	217.35	1/4	
1/2	3,068.81	1/2	2,709.68	1/2	2,350.52	1/2	1,991.35	1/2	1,632.18	1/2	1,273.01	1/2	924.54	1/2	569.03	1/2	209.87	1/2	
3/4	3,061.33	3/4	2,702.20	3/4	2,343.03	3/4	1,983.86	3/4	1,624.69	3/4	1,265.52	3/4	917.37	3/4	561.55	3/4	202.39	3/4	
4	3,053.85	4	2,694.72	4	2,335.55	4	1,976.38	4	1,617.21	4	1,258.04	4	910.19	4	554.06	4	194.90	4	
1/4	3,046.37	1/4	2,687.24	1/4	2,328.07	1/4	1,968.90	1/4	1,609.73	1/4	1,250.56	1/4	903.01	1/4	546.58	1/4	187.42	1/4	
1/2	3,038.89	1/2	2,679.75	1/2	2,320.58	1/2	1,961.41	1/2	1,602.25	1/2	1,243.08	1/2	895.83	1/2	539.10	1/2	179.94	1/2	
3/4	3,031.41	3/4	2,672.27	3/4	2,313.10	3/4	1,953.93	3/4	1,594.76	3/4	1,235.59	3/4	888.65	3/4	531.62	3/4	172.46	3/4	
5	3,023.93	5	2,664.79	5	2,305.62	5	1,946.45	5	1,587.28	5	1,228.11	5	881.47	5	524.13	5	164.97	5	
1/4	3,016.46	1/4	2,657.31	1/4	2,298.14	1/4	1,938.97	1/4	1,579.80	1/4	1,220.63	1/4	874.29	1/4	516.65	1/4	157.49	1/4	
1/2	3,008.98	1/2	2,649.82	1/2	2,290.65	1/2	1,931.48	1/2	1,572.31	1/2	1,213.14	1/2	867.11	1/2	509.17	1/2	150.01	1/2	
3/4	3,001.50	3/4	2,642.34	3/4	2,283.17	3/4	1,924.00	3/4	1,564.83	3/4	1,205.66	3/4	859.93	3/4	501.69	3/4	142.53	3/4	
6	2,994.02	6	2,634.86	6	2,275.69	6	1,916.52	6	1,557.35	6	1,198.18	6	852.76	6	494.20	6	135.04	6	
1/4	2,986.54	1/4	2,627.38	1/4	2,268.21	1/4	1,909.04	1/4	1,549.87	1/4	1,190.84	1/4	845.43	1/4	486.72	1/4	127.56	1/4	
1/2	2,979.06	1/2	2,619.89	1/2	2,260.72	1/2	1,901.55	1/2	1,542.38	1/2	1,183.50	1/2	838.09	1/2	479.24	1/2	120.08	1/2	
3/4	2,971.58	3/4	2,612.41	3/4	2,253.24	3/4	1,894.07	3/4	1,534.90	3/4	1,176.16	3/4	830.76	3/4	471.76	3/4	112.60	3/4	
7	2,964.10	7	2,604.93	7	2,245.76	7	1,886.59	7	1,527.42	7	1,168.81	7	823.43	7	464.27	7	105.11	7	
1/4	2,956.61	1/4	2,597.44	1/4	2,238.27	1/4	1,879.11	1/4	1,519.94	1/4	1,161.61	1/4	815.95	1/4	456.79	1/4	97.63	1/4	
1/2	2,949.13	1/2	2,589.96	1/2	2,230.79	1/2	1,871.62	1/2	1,512.45	1/2	1,154.41	1/2	808.47	1/2	449.31	1/2	90.15	1/2	
3/4	2,941.65	3/4	2,582.48	3/4	2,223.31	3/4	1,864.14	3/4	1,504.97	3/4	1,147.21	3/4	800.99	3/4	441.83	3/4	82.67	3/4	
8	2,934.17	8	2,575.00	8	2,215.83	8	1,856.66	8	1,497.49	8	1,140.01	8	793.50	8	434.34	8	75.18	8	
1/4	2,926.68	1/4	2,567.51	1/4	2,208.34	1/4	1,849.17	1/4	1,490.00	1/4	1,132.82	1/4	786.02	1/4	426.86	1/4	68.17	1/4	
1/2	2,919.20	1/2	2,560.03	1/2	2,200.86	1/2	1,841.69	1/2	1,482.52	1/2	1,125.63	1/2	778.54	1/2	419.38	1/2	61.16	1/2	
3/4	2,911.72	3/4	2,552.55	3/4	2,193.38	3/4	1,834.21	3/4	1,475.04	3/4	1,118.43	3/4	771.06	3/4	411.90	3/4	54.14	3/4	
9	2,904.24	9	2,545.07	9	2,185.90	9	1,826.73	9	1,467.56	9	1,111.24	9	763.57	9	404.41	9	47.13	9	
1/4	2,896.75	1/4	2,537.58	1/4	2,178.41	1/4	1,819.24	1/4	1,460.07	1/4	1,104.05	1/4	756.09	1/4	396.93	1/4	41.51	1/4	
1/2	2,889.27	1/2	2,530.10	1/2	2,170.93	1/2	1,811.76	1/2	1,452.59	1/2	1,096.87	1/2	748.61	1/2	389.45	1/2	35.90	1/2	
3/4	2,881.79	3/4	2,522.62	3/4	2,163.45	3/4	1,804.28	3/4	1,445.11	3/4	1,089.68	3/4	741.13	3/4	381.97	3/4	30.29	3/4	
10	2,874.30	10	2,515.13	10	2,155.97	10	1,796.80	10	1,437.63	10	1,082.49	10	733.64	10	374.48	10	24.68	10	
1/4	2,866.82	1/4	2,507.65	1/4	2,148.48	1/4	1,789.31	1/4	1,430.14	1/4	1,075.31	1/4	726.16	1/4	367.00	1/4	20.94	1/4	
1/2	2,859.34	1/2	2,500.17	1/2	2,141.00	1/2	1,781.83	1/2	1,422.66	1/2	1,068.13	1/2	718.68	1/2	359.52	1/2	17.20	1/2	
3/4	2,851.86	3/4	2,492.69	3/4	2,133.52	3/4	1,774.35	3/4	1,415.18	3/4	1,060.95	3/4	711.20	3/4	352.04	3/4	13.46	3/4	
11	2,844.37	11	2,485.20	11	2,126.03	11	1,766.86	11	1,407.70	11	1,053.76	11	703.71	11	344.55	11	9.71	11	
1/4	2,836.89	1/4	2,477.72	1/4	2,118.55	1/4	1,759.38	1/4	1,400.21	1/4	1,046.59	1/4	696.23	1/4	337.07	1/4	7.84	1/4	
1/2	2,829.41	1/2	2,470.24	1/2	2,111.07	1/2	1,751.90	1/2	1,392.73	1/2	1,039.41	1/2	688.75	1/2	329.59	1/2	5.97	1/2	
3/4	2,821.93	3/4	2,462.76	3/4	2,103.59	3/4	1,744.42	3/4	1,385.25	3/4	1,032.23	3/4	681.27	3/4	322.11	3/4	4.10	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "LACB - 120"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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		0	4,970.67	0	4,614.10	0	4,255.84	0	3,896.95	0	3,538.06
1/4		1/4		1/4		1/4		1/4		1/4	4,963.25	1/4	4,606.64	1/4	4,248.36	1/4	3,889.47	1/4	3,530.58
1/2		1/2		1/2		1/2		1/2		1/2	4,955.83	1/2	4,599.19	1/2	4,240.89	1/2	3,882.00	1/2	3,523.10
3/4		3/4		3/4		3/4		3/4		3/4	4,948.41	3/4	4,591.73	3/4	4,233.41	3/4	3,874.52	3/4	3,515.63
1		1		1		1		1		1	4,940.99	1	4,584.28	1	4,225.93	1	3,867.04	1	3,508.15
1/4		1/4		1/4		1/4		1/4		1/4	4,933.57	1/4	4,576.82	1/4	4,218.46	1/4	3,859.56	1/4	3,500.67
1/2		1/2		1/2		1/2		1/2		1/2	4,926.15	1/2	4,569.37	1/2	4,210.98	1/2	3,852.09	1/2	3,493.20
3/4		3/4		3/4		3/4		3/4		3/4	4,918.73	3/4	4,561.91	3/4	4,203.50	3/4	3,844.61	3/4	3,485.72
2		2		2		2		2		2	4,911.31	2	4,554.46	2	4,196.03	2	3,837.13	2	3,478.24
1/4		1/4		1/4		1/4		1/4		1/4	4,903.90	1/4	4,547.00	1/4	4,188.55	1/4	3,829.66	1/4	3,470.77
1/2		1/2		1/2		1/2		1/2		1/2	4,896.48	1/2	4,539.55	1/2	4,181.07	1/2	3,822.18	1/2	3,463.29
3/4		3/4		3/4		3/4		3/4		3/4	4,889.06	3/4	4,532.09	3/4	4,173.59	3/4	3,814.70	3/4	3,455.81
3		3		3		3		3		3	4,881.65	3	4,524.64	3	4,166.12	3	3,807.23	3	3,448.34
1/4		1/4		1/4		1/4		1/4		1/4	4,874.23	1/4	4,517.18	1/4	4,158.64	1/4	3,799.75	1/4	3,440.86
1/2		1/2		1/2		1/2		1/2		1/2	4,866.82	1/2	4,509.72	1/2	4,151.16	1/2	3,792.27	1/2	3,433.38
3/4		3/4		3/4		3/4		3/4	5,138.03	3/4	4,859.40	3/4	4,502.27	3/4	4,143.69	3/4	3,784.80	3/4	3,425.90
4		4		4		4		4	5,136.49	4	4,851.99	4	4,494.81	4	4,136.21	4	3,777.32	4	3,418.43
1/4		1/4		1/4		1/4		1/4	5,134.95	1/4	4,844.57	1/4	4,487.36	1/4	4,128.73	1/4	3,769.84	1/4	3,410.95
1/2		1/2		1/2		1/2		1/2	5,133.41	1/2	4,837.15	1/2	4,479.90	1/2	4,121.26	1/2	3,762.36	1/2	3,403.47
3/4		3/4		3/4		3/4		3/4	5,131.86	3/4	4,829.74	3/4	4,472.45	3/4	4,113.78	3/4	3,754.89	3/4	3,396.00
5		5		5		5		5	5,129.25	5	4,822.32	5	4,464.99	5	4,106.30	5	3,747.41	5	3,388.52
1/4		1/4		1/4		1/4		1/4	5,126.64	1/4	4,814.91	1/4	4,457.54	1/4	4,098.83	1/4	3,739.93	1/4	3,381.04
1/2		1/2		1/2		1/2		1/2	5,124.03	1/2	4,807.49	1/2	4,450.08	1/2	4,091.35	1/2	3,732.46	1/2	3,373.57
3/4		3/4		3/4		3/4		3/4	5,121.42	3/4	4,800.08	3/4	4,442.63	3/4	4,083.87	3/4	3,724.98	3/4	3,366.09
6		6		6		6		6	5,117.74	6	4,792.66	6	4,435.17	6	4,076.39	6	3,717.50	6	3,358.61
1/4		1/4		1/4		1/4		1/4	5,114.06	1/4	4,785.25	1/4	4,427.72	1/4	4,068.92	1/4	3,710.03	1/4	3,351.14
1/2		1/2		1/2		1/2		1/2	5,110.39	1/2	4,777.83	1/2	4,420.26	1/2	4,061.44	1/2	3,702.55	1/2	3,343.66
3/4		3/4		3/4		3/4		3/4	5,106.71	3/4	4,770.42	3/4	4,412.81	3/4	4,053.96	3/4	3,695.07	3/4	3,336.18
7		7		7		7		7	5,101.96	7	4,763.00	7	4,405.34	7	4,046.49	7	3,687.60	7	3,328.70
1/4		1/4		1/4		1/4		1/4	5,097.21	1/4	4,755.59	1/4	4,397.88	1/4	4,039.01	1/4	3,680.12	1/4	3,321.23
1/2		1/2		1/2		1/2		1/2	5,092.46	1/2	4,748.17	1/2	4,390.41	1/2	4,031.53	1/2	3,672.64	1/2	3,313.75
3/4		3/4		3/4		3/4		3/4	5,087.72	3/4	4,740.75	3/4	4,382.95	3/4	4,024.06	3/4	3,665.17	3/4	3,306.27
8		8		8		8		8	5,081.90	8	4,733.32	8	4,375.47	8	4,016.58	8	3,657.69	8	3,298.80
1/4		1/4		1/4		1/4		1/4	5,076.08	1/4	4,725.88	1/4	4,367.99	1/4	4,009.10	1/4	3,650.21	1/4	3,291.32
1/2		1/2		1/2		1/2		1/2	5,070.27	1/2	4,718.45	1/2	4,360.52	1/2	4,001.63	1/2	3,642.73	1/2	3,283.84
3/4		3/4		3/4		3/4		3/4	5,064.45	3/4	4,711.02	3/4	4,353.04	3/4	3,994.15	3/4	3,635.26	3/4	3,276.37
9		9		9		9		9	5,057.63	9	4,703.56	9	4,345.56	9	3,986.67	9	3,627.78	9	3,268.89
1/4		1/4		1/4		1/4		1/4	5,050.81	1/4	4,696.10	1/4	4,338.09	1/4	3,979.20	1/4	3,620.30	1/4	3,261.41
1/2		1/2		1/2		1/2		1/2	5,044.00	1/2	4,688.65	1/2	4,330.61	1/2	3,971.72	1/2	3,612.83	1/2	3,253.94
3/4		3/4		3/4		3/4		3/4	5,037.18	3/4	4,681.19	3/4	4,323.13	3/4	3,964.24	3/4	3,605.35	3/4	3,246.46
10		10		10		10		10	5,029.82	10	4,673.74	10	4,315.66	10	3,956.76	10	3,597.87	10	3,238.98
1/4		1/4		1/4		1/4		1/4	5,022.47	1/4	4,666.28	1/4	4,308.18	1/4	3,949.29	1/4	3,590.40	1/4	3,231.50
1/2		1/2		1/2		1/2		1/2	5,015.12	1/2	4,658.83	1/2	4,300.70	1/2	3,941.81	1/2	3,582.92	1/2	3,224.03
3/4		3/4		3/4		3/4		3/4	5,007.77	3/4	4,651.37	3/4	4,293.22	3/4	3,934.33	3/4	3,575.44	3/4	3,216.55
11		11		11		11		11	5,000.35	11	4,643.92	11	4,285.75	11	3,926.86	11	3,567.97	11	3,209.07
1/4		1/4		1/4		1/4		1/4	4,992.93	1/4	4,636.46	1/4	4,278.27	1/4	3,919.38	1/4	3,560.49	1/4	3,201.60
1/2		1/2		1/2		1/2		1/2	4,985.51	1/2	4,629.01	1/2	4,270.79	1/2	3,911.90	1/2	3,553.01	1/2	3,194.12
3/4		3/4		3/4		3/4		3/4	4,978.09	3/4	4,621.55	3/4	4,263.32	3/4	3,904.43	3/4	3,545.53	3/4	3,186.64

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 01'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "LACB - 120"

2 STBD

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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	3,179.17	0	2,820.18	0	2,461.10	0	2,102.02	0	1,742.93	0	1,383.85	0	1,024.90	0	666.15	0	307.08	0	
1/4	3,171.69	1/4	2,812.70	1/4	2,453.62	1/4	2,094.54	1/4	1,735.45	1/4	1,376.37	1/4	1,017.43	1/4	658.67	1/4	299.60	1/4	
1/2	3,164.21	1/2	2,805.22	1/2	2,446.14	1/2	2,087.06	1/2	1,727.97	1/2	1,368.89	1/2	1,009.97	1/2	651.19	1/2	292.12	1/2	
3/4	3,156.74	3/4	2,797.74	3/4	2,438.66	3/4	2,079.57	3/4	1,720.49	3/4	1,361.41	3/4	1,002.50	3/4	643.71	3/4	284.64	3/4	
1	3,149.26	1	2,790.26	1	2,431.18	1	2,072.09	1	1,713.01	1	1,353.93	1	995.03	1	636.23	1	277.15	1	
1/4	3,141.78	1/4	2,782.78	1/4	2,423.70	1/4	2,064.61	1/4	1,705.53	1/4	1,346.45	1/4	987.56	1/4	628.75	1/4	269.67	1/4	
1/2	3,134.31	1/2	2,775.30	1/2	2,416.21	1/2	2,057.13	1/2	1,698.05	1/2	1,338.97	1/2	980.09	1/2	621.27	1/2	262.19	1/2	
3/4	3,126.83	3/4	2,767.82	3/4	2,408.73	3/4	2,049.65	3/4	1,690.57	3/4	1,331.48	3/4	972.63	3/4	613.79	3/4	254.71	3/4	
2	3,119.35	2	2,760.34	2	2,401.25	2	2,042.17	2	1,683.09	2	1,324.00	2	965.16	2	606.31	2	247.23	2	
1/4	3,111.87	1/4	2,752.86	1/4	2,393.77	1/4	2,034.69	1/4	1,675.61	1/4	1,316.52	1/4	957.69	1/4	598.82	1/4	239.75	1/4	
1/2	3,104.40	1/2	2,745.37	1/2	2,386.29	1/2	2,027.21	1/2	1,668.12	1/2	1,309.04	1/2	950.22	1/2	591.34	1/2	232.27	1/2	
3/4	3,096.92	3/4	2,737.89	3/4	2,378.81	3/4	2,019.73	3/4	1,660.64	3/4	1,301.56	3/4	942.76	3/4	583.86	3/4	224.79	3/4	
3	3,089.44	3	2,730.41	3	2,371.33	3	2,012.25	3	1,653.16	3	1,294.08	3	935.29	3	576.38	3	217.31	3	
1/4	3,081.97	1/4	2,722.93	1/4	2,363.85	1/4	2,004.77	1/4	1,645.68	1/4	1,286.60	1/4	927.82	1/4	568.90	1/4	209.83	1/4	
1/2	3,074.49	1/2	2,715.45	1/2	2,356.37	1/2	1,997.28	1/2	1,638.20	1/2	1,279.12	1/2	920.35	1/2	561.42	1/2	202.35	1/2	
3/4	3,067.01	3/4	2,707.97	3/4	2,348.89	3/4	1,989.80	3/4	1,630.72	3/4	1,271.64	3/4	912.88	3/4	553.94	3/4	194.87	3/4	
4	3,059.54	4	2,700.49	4	2,341.41	4	1,982.32	4	1,623.24	4	1,264.16	4	905.42	4	546.46	4	187.39	4	
1/4	3,052.06	1/4	2,693.01	1/4	2,333.92	1/4	1,974.84	1/4	1,615.76	1/4	1,256.68	1/4	897.95	1/4	538.98	1/4	179.91	1/4	
1/2	3,044.58	1/2	2,685.53	1/2	2,326.44	1/2	1,967.36	1/2	1,608.28	1/2	1,249.19	1/2	890.48	1/2	531.50	1/2	172.42	1/2	
3/4	3,037.11	3/4	2,678.05	3/4	2,318.96	3/4	1,959.88	3/4	1,600.80	3/4	1,241.71	3/4	883.01	3/4	524.02	3/4	164.94	3/4	
5	3,029.63	5	2,670.57	5	2,311.48	5	1,952.40	5	1,593.32	5	1,234.23	5	875.54	5	516.54	5	157.46	5	
1/4	3,022.15	1/4	2,663.08	1/4	2,304.00	1/4	1,944.92	1/4	1,585.83	1/4	1,226.75	1/4	868.08	1/4	509.06	1/4	149.98	1/4	
1/2	3,014.67	1/2	2,655.60	1/2	2,296.52	1/2	1,937.44	1/2	1,578.35	1/2	1,219.27	1/2	860.61	1/2	501.58	1/2	142.50	1/2	
3/4	3,007.20	3/4	2,648.12	3/4	2,289.04	3/4	1,929.96	3/4	1,570.87	3/4	1,211.79	3/4	853.14	3/4	494.09	3/4	135.02	3/4	
6	2,999.72	6	2,640.64	6	2,281.56	6	1,922.48	6	1,563.39	6	1,204.31	6	845.67	6	486.61	6	127.54	6	
1/4	2,992.24	1/4	2,633.16	1/4	2,274.08	1/4	1,914.99	1/4	1,555.91	1/4	1,196.83	1/4	838.19	1/4	479.13	1/4	120.06	1/4	
1/2	2,984.76	1/2	2,625.68	1/2	2,266.60	1/2	1,907.51	1/2	1,548.43	1/2	1,189.35	1/2	830.72	1/2	471.65	1/2	112.58	1/2	
3/4	2,977.28	3/4	2,618.20	3/4	2,259.12	3/4	1,900.03	3/4	1,540.95	3/4	1,181.87	3/4	823.25	3/4	464.17	3/4	105.10	3/4	
7	2,969.80	7	2,610.72	7	2,251.64	7	1,892.55	7	1,533.47	7	1,174.39	7	815.76	7	456.69	7	97.62	7	
1/4	2,962.32	1/4	2,603.24	1/4	2,244.15	1/4	1,885.07	1/4	1,525.99	1/4	1,166.90	1/4	808.28	1/4	449.21	1/4	90.14	1/4	
1/2	2,954.84	1/2	2,595.76	1/2	2,236.67	1/2	1,877.59	1/2	1,518.51	1/2	1,159.42	1/2	800.80	1/2	441.73	1/2	82.66	1/2	
3/4	2,947.36	3/4	2,588.28	3/4	2,229.19	3/4	1,870.11	3/4	1,511.03	3/4	1,151.94	3/4	793.32	3/4	434.25	3/4	75.18	3/4	
8	2,939.88	8	2,580.79	8	2,221.71	8	1,862.63	8	1,503.55	8	1,144.46	8	785.84	8	426.77	8	68.16	8	
1/4	2,932.40	1/4	2,573.31	1/4	2,214.23	1/4	1,855.15	1/4	1,496.06	1/4	1,136.99	1/4	778.36	1/4	419.29	1/4	61.15	1/4	
1/2	2,924.92	1/2	2,565.83	1/2	2,206.75	1/2	1,847.67	1/2	1,488.58	1/2	1,129.51	1/2	770.88	1/2	411.81	1/2	54.14	1/2	
3/4	2,917.44	3/4	2,558.35	3/4	2,199.27	3/4	1,840.19	3/4	1,481.10	3/4	1,122.03	3/4	763.40	3/4	404.33	3/4	47.12	3/4	
9	2,909.95	9	2,550.87	9	2,191.79	9	1,832.70	9	1,473.62	9	1,114.56	9	755.92	9	396.85	9	41.51	9	
1/4	2,902.47	1/4	2,543.39	1/4	2,184.31	1/4	1,825.22	1/4	1,466.14	1/4	1,107.08	1/4	748.44	1/4	389.36	1/4	35.90	1/4	
1/2	2,894.99	1/2	2,535.91	1/2	2,176.83	1/2	1,817.74	1/2	1,458.66	1/2	1,099.60	1/2	740.96	1/2	381.88	1/2	30.29	1/2	
3/4	2,887.51	3/4	2,528.43	3/4	2,169.35	3/4	1,810.26	3/4	1,451.18	3/4	1,092.13	3/4	733.48	3/4	374.40	3/4	24.68	3/4	
10	2,880.03	10	2,520.95	10	2,161.86	10	1,802.78	10	1,443.70	10	1,084.66	10	726.00	10	366.92	10	20.94	10	
1/4	2,872.55	1/4	2,513.47	1/4	2,154.38	1/4	1,795.30	1/4	1,436.22	1/4	1,077.19	1/4	718.52	1/4	359.44	1/4	17.20	1/4	
1/2	2,865.07	1/2	2,505.99	1/2	2,146.90	1/2	1,787.82	1/2	1,428.74	1/2	1,069.71	1/2	711.04	1/2	351.96	1/2	13.46	1/2	
3/4	2,857.59	3/4	2,498.50	3/4	2,139.42	3/4	1,780.34	3/4	1,421.26	3/4	1,062.24	3/4	703.55	3/4	344.48	3/4	9.72	3/4	
11	2,850.11	11	2,491.02	11	2,131.94	11	1,772.86	11	1,413.77	11	1,054.77	11	696.07	11	337.00	11	7.85	11	
1/4	2,842.63	1/4	2,483.54	1/4	2,124.46	1/4	1,765.38	1/4	1,406.29	1/4	1,047.31	1/4	688.59	1/4	329.52	1/4	5.98	1/4	
1/2	2,835.15	1/2	2,476.06	1/2	2,116.98	1/2	1,757.90	1/2	1,398.81	1/2	1,039.84	1/2	681.11	1/2	322.04	1/2	4.11	1/2	
3/4	2,827.66	3/4	2,468.58	3/4	2,109.50	3/4	1,750.41	3/4	1,391.33	3/4	1,032.37	3/4	673.63	3/4	314.56	3/4	2.24	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "LACB - 120"

3 PORT ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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		0	4,509.44	0	4,263.80	0	4,017.00	0	3,769.79	0	3,502.11
1/4		1/4		1/4		1/4		1/4		1/4	4,504.33	1/4	4,258.66	1/4	4,011.85	1/4	3,764.64	1/4	3,494.70
1/2		1/2		1/2		1/2		1/2		1/2	4,499.21	1/2	4,253.53	1/2	4,006.70	1/2	3,759.49	1/2	3,487.28
3/4		3/4		3/4		3/4		3/4		3/4	4,494.10	3/4	4,248.39	3/4	4,001.55	3/4	3,754.34	3/4	3,479.87
1		1		1		1		1		1	4,488.99	1	4,243.25	1	3,996.40	1	3,749.19	1	3,472.47
1/4		1/4		1/4		1/4		1/4		1/4	4,483.88	1/4	4,238.12	1/4	3,991.25	1/4	3,744.04	1/4	3,465.06
1/2		1/2		1/2		1/2		1/2		1/2	4,478.77	1/2	4,232.98	1/2	3,986.10	1/2	3,738.89	1/2	3,457.65
3/4		3/4		3/4		3/4		3/4		3/4	4,473.66	3/4	4,227.85	3/4	3,980.95	3/4	3,733.74	3/4	3,450.25
2		2		2		2		2		2	4,468.55	2	4,222.71	2	3,975.80	2	3,728.59	2	3,442.84
1/4		1/4		1/4		1/4		1/4		1/4	4,463.44	1/4	4,217.58	1/4	3,970.65	1/4	3,723.44	1/4	3,435.43
1/2		1/2		1/2		1/2		1/2		1/2	4,458.33	1/2	4,212.44	1/2	3,965.50	1/2	3,718.29	1/2	3,428.02
3/4		3/4		3/4		3/4		3/4		3/4	4,453.22	3/4	4,207.30	3/4	3,960.35	3/4	3,713.14	3/4	3,420.62
3		3		3		3		3		3	4,448.11	3	4,202.17	3	3,955.20	3	3,707.99	3	3,413.21
1/4		1/4		1/4		1/4		1/4		1/4	4,443.00	1/4	4,197.03	1/4	3,950.05	1/4	3,702.84	1/4	3,405.80
1/2		1/2		1/2		1/2		1/2		1/2	4,437.89	1/2	4,191.90	1/2	3,944.90	1/2	3,697.69	1/2	3,398.40
3/4		3/4		3/4		3/4		3/4	4,607.53	3/4	4,432.79	3/4	4,186.76	3/4	3,939.75	3/4	3,692.54	3/4	3,390.99
4		4		4		4		4	4,607.20	4	4,427.68	4	4,181.62	4	3,934.60	4	3,687.39	4	3,383.58
1/4		1/4		1/4		1/4		1/4	4,606.87	1/4	4,422.57	1/4	4,176.49	1/4	3,929.45	1/4	3,682.24	1/4	3,376.18
1/2		1/2		1/2		1/2		1/2	4,606.16	1/2	4,417.46	1/2	4,171.35	1/2	3,924.30	1/2	3,677.09	1/2	3,368.77
3/4		3/4		3/4		3/4		3/4	4,605.45	3/4	4,412.35	3/4	4,166.22	3/4	3,919.15	3/4	3,671.93	3/4	3,361.36
5		5		5		5		5	4,604.74	5	4,407.24	5	4,161.08	5	3,914.00	5	3,666.78	5	3,353.96
1/4		1/4		1/4		1/4		1/4	4,604.03	1/4	4,402.14	1/4	4,155.95	1/4	3,908.85	1/4	3,661.63	1/4	3,346.55
1/2		1/2		1/2		1/2		1/2	4,603.32	1/2	4,397.03	1/2	4,150.81	1/2	3,903.70	1/2	3,656.48	1/2	3,339.14
3/4		3/4		3/4		3/4		3/4	4,602.61	3/4	4,391.92	3/4	4,145.67	3/4	3,898.55	3/4	3,651.33	3/4	3,331.74
6		6		6		6		6	4,601.22	6	4,386.81	6	4,140.54	6	3,893.40	6	3,646.18	6	3,324.33
1/4		1/4		1/4		1/4		1/4	4,599.84	1/4	4,381.70	1/4	4,135.40	1/4	3,888.25	1/4	3,641.03	1/4	3,316.92
1/2		1/2		1/2		1/2		1/2	4,598.46	1/2	4,376.59	1/2	4,130.27	1/2	3,883.10	1/2	3,635.88	1/2	3,309.52
3/4		3/4		3/4		3/4		3/4	4,597.07	3/4	4,371.49	3/4	4,125.13	3/4	3,877.95	3/4	3,630.73	3/4	3,302.11
7		7		7		7		7	4,594.62	7	4,366.38	7	4,119.99	7	3,872.80	7	3,625.58	7	3,294.70
1/4		1/4		1/4		1/4		1/4	4,592.17	1/4	4,361.27	1/4	4,114.85	1/4	3,867.65	1/4	3,620.43	1/4	3,287.30
1/2		1/2		1/2		1/2		1/2	4,589.72	1/2	4,356.16	1/2	4,109.70	1/2	3,862.50	1/2	3,615.28	1/2	3,279.89
3/4		3/4		3/4		3/4		3/4	4,587.27	3/4	4,351.05	3/4	4,104.56	3/4	3,857.35	3/4	3,610.13	3/4	3,272.48
8		8		8		8		8	4,583.76	8	4,345.93	8	4,099.41	8	3,852.20	8	3,604.98	8	3,265.06
1/4		1/4		1/4		1/4		1/4	4,580.25	1/4	4,340.81	1/4	4,094.26	1/4	3,847.05	1/4	3,599.83	1/4	3,257.65
1/2		1/2		1/2		1/2		1/2	4,576.73	1/2	4,335.69	1/2	4,089.11	1/2	3,841.89	1/2	3,594.68	1/2	3,250.23
3/4		3/4		3/4		3/4		3/4	4,573.22	3/4	4,330.56	3/4	4,083.96	3/4	3,836.74	3/4	3,589.53	3/4	3,242.81
9		9		9		9		9	4,568.71	9	4,325.43	9	4,078.81	9	3,831.59	9	3,583.81	9	3,235.39
1/4		1/4		1/4		1/4		1/4	4,564.20	1/4	4,320.29	1/4	4,073.66	1/4	3,826.44	1/4	3,578.08	1/4	3,227.96
1/2		1/2		1/2		1/2		1/2	4,559.68	1/2	4,315.16	1/2	4,068.51	1/2	3,821.29	1/2	3,572.36	1/2	3,220.53
3/4		3/4		3/4		3/4		3/4	4,555.17	3/4	4,310.02	3/4	4,063.36	3/4	3,816.14	3/4	3,566.63	3/4	3,213.10
10		10		10		10		10	4,550.13	10	4,304.88	10	4,058.21	10	3,810.99	10	3,559.77	10	3,205.68
1/4		1/4		1/4		1/4		1/4	4,545.08	1/4	4,299.75	1/4	4,053.06	1/4	3,805.84	1/4	3,552.91	1/4	3,198.25
1/2		1/2		1/2		1/2		1/2	4,540.04	1/2	4,294.61	1/2	4,047.91	1/2	3,800.69	1/2	3,546.05	1/2	3,190.82
3/4		3/4		3/4		3/4		3/4	4,534.99	3/4	4,289.48	3/4	4,042.76	3/4	3,795.54	3/4	3,539.20	3/4	3,183.39
11		11		11		11		11	4,529.88	11	4,284.34	11	4,037.61	11	3,790.39	11	3,531.78	11	3,175.97
1/4		1/4		1/4		1/4		1/4	4,524.77	1/4	4,279.20	1/4	4,032.46	1/4	3,785.24	1/4	3,524.36	1/4	3,168.54
1/2		1/2		1/2		1/2		1/2	4,519.66	1/2	4,274.07	1/2	4,027.31	1/2	3,780.09	1/2	3,516.94	1/2	3,161.11
3/4		3/4		3/4		3/4		3/4	4,514.55	3/4	4,268.93	3/4	4,022.16	3/4	3,774.94	3/4	3,509.52	3/4	3,153.68

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 84'-08 1/2" 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 "LACB - 120"

3 PORT

ULLAGE TABLE

HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 18'-11 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	3,146.26	0	2,789.67	0	2,433.13	0	2,078.53	0	1,723.10	0	1,366.10	0	1,014.17	0	662.82	0	305.65	0	
1/4	3,138.83	1/4	2,782.24	1/4	2,425.73	1/4	2,071.16	1/4	1,715.66	1/4	1,358.66	1/4	1,006.96	1/4	655.38	1/4	298.21	1/4	
1/2	3,131.40	1/2	2,774.81	1/2	2,418.33	1/2	2,063.78	1/2	1,708.23	1/2	1,351.23	1/2	999.76	1/2	647.94	1/2	290.77	1/2	
3/4	3,123.97	3/4	2,767.38	3/4	2,410.93	3/4	2,056.41	3/4	1,700.79	3/4	1,343.79	3/4	992.55	3/4	640.49	3/4	283.33	3/4	
1	3,116.55	1	2,759.95	1	2,403.53	1	2,049.03	1	1,693.35	1	1,336.35	1	985.34	1	633.05	1	275.89	1	
1/4	3,109.12	1/4	2,752.52	1/4	2,396.13	1/4	2,041.66	1/4	1,685.91	1/4	1,328.91	1/4	978.13	1/4	625.61	1/4	268.44	1/4	
1/2	3,101.69	1/2	2,745.09	1/2	2,388.73	1/2	2,034.29	1/2	1,678.48	1/2	1,321.48	1/2	970.92	1/2	618.17	1/2	261.00	1/2	
3/4	3,094.26	3/4	2,737.66	3/4	2,381.33	3/4	2,026.91	3/4	1,671.04	3/4	1,314.04	3/4	963.72	3/4	610.73	3/4	253.56	3/4	
2	3,086.84	2	2,730.23	2	2,373.93	2	2,019.54	2	1,663.60	2	1,306.60	2	956.51	2	603.29	2	246.12	2	
1/4	3,079.41	1/4	2,722.80	1/4	2,366.53	1/4	2,012.16	1/4	1,656.16	1/4	1,299.16	1/4	949.30	1/4	595.84	1/4	238.68	1/4	
1/2	3,071.98	1/2	2,715.37	1/2	2,359.14	1/2	2,004.79	1/2	1,648.73	1/2	1,291.73	1/2	942.09	1/2	588.40	1/2	231.24	1/2	
3/4	3,064.55	3/4	2,707.94	3/4	2,351.74	3/4	1,997.41	3/4	1,641.29	3/4	1,284.29	3/4	934.89	3/4	580.96	3/4	223.80	3/4	
3	3,057.13	3	2,700.51	3	2,344.34	3	1,990.04	3	1,633.85	3	1,276.85	3	927.68	3	573.52	3	216.36	3	
1/4	3,049.70	1/4	2,693.08	1/4	2,336.94	1/4	1,982.66	1/4	1,626.41	1/4	1,269.41	1/4	920.47	1/4	566.08	1/4	208.92	1/4	
1/2	3,042.27	1/2	2,685.65	1/2	2,329.54	1/2	1,975.29	1/2	1,618.98	1/2	1,261.98	1/2	913.26	1/2	558.63	1/2	201.47	1/2	
3/4	3,034.84	3/4	2,678.22	3/4	2,322.14	3/4	1,967.91	3/4	1,611.54	3/4	1,254.54	3/4	906.06	3/4	551.19	3/4	194.03	3/4	
4	3,027.42	4	2,670.79	4	2,314.74	4	1,960.54	4	1,604.10	4	1,247.10	4	898.85	4	543.75	4	186.59	4	
1/4	3,019.99	1/4	2,663.36	1/4	2,307.34	1/4	1,953.16	1/4	1,596.66	1/4	1,239.66	1/4	891.64	1/4	536.31	1/4	179.15	1/4	
1/2	3,012.56	1/2	2,655.93	1/2	2,299.94	1/2	1,945.79	1/2	1,589.23	1/2	1,232.23	1/2	884.43	1/2	528.87	1/2	171.71	1/2	
3/4	3,005.13	3/4	2,648.50	3/4	2,292.54	3/4	1,938.42	3/4	1,581.79	3/4	1,224.79	3/4	877.22	3/4	521.43	3/4	164.26	3/4	
5	2,997.71	5	2,641.07	5	2,285.15	5	1,931.04	5	1,574.35	5	1,217.35	5	870.02	5	513.98	5	156.82	5	
1/4	2,990.28	1/4	2,633.64	1/4	2,277.75	1/4	1,923.67	1/4	1,566.91	1/4	1,209.91	1/4	862.81	1/4	506.54	1/4	149.38	1/4	
1/2	2,982.85	1/2	2,626.21	1/2	2,270.35	1/2	1,916.29	1/2	1,559.48	1/2	1,202.48	1/2	855.60	1/2	499.10	1/2	141.94	1/2	
3/4	2,975.42	3/4	2,618.78	3/4	2,262.95	3/4	1,908.92	3/4	1,552.04	3/4	1,195.04	3/4	848.39	3/4	491.66	3/4	134.49	3/4	
6	2,967.99	6	2,611.35	6	2,255.56	6	1,901.51	6	1,544.60	6	1,187.71	6	841.07	6	484.22	6	127.05	6	
1/4	2,960.57	1/4	2,603.91	1/4	2,248.17	1/4	1,894.10	1/4	1,537.16	1/4	1,180.37	1/4	833.74	1/4	476.78	1/4	119.60	1/4	
1/2	2,953.14	1/2	2,596.48	1/2	2,240.79	1/2	1,886.70	1/2	1,529.73	1/2	1,173.04	1/2	826.42	1/2	469.34	1/2	112.15	1/2	
3/4	2,945.71	3/4	2,589.04	3/4	2,233.40	3/4	1,879.29	3/4	1,522.29	3/4	1,165.71	3/4	819.09	3/4	461.90	3/4	104.71	3/4	
7	2,938.28	7	2,581.61	7	2,226.03	7	1,871.85	7	1,514.85	7	1,158.48	7	811.65	7	454.45	7	97.26	7	
1/4	2,930.85	1/4	2,574.17	1/4	2,218.65	1/4	1,864.41	1/4	1,507.41	1/4	1,151.25	1/4	804.21	1/4	447.01	1/4	89.81	1/4	
1/2	2,923.42	1/2	2,566.73	1/2	2,211.28	1/2	1,856.98	1/2	1,499.98	1/2	1,144.03	1/2	796.77	1/2	439.57	1/2	82.36	1/2	
3/4	2,915.99	3/4	2,559.29	3/4	2,203.90	3/4	1,849.54	3/4	1,492.54	3/4	1,136.80	3/4	789.33	3/4	432.13	3/4	74.90	3/4	
8	2,908.56	8	2,551.86	8	2,196.53	8	1,842.10	8	1,485.10	8	1,129.58	8	781.89	8	424.69	8	67.92	8	
1/4	2,901.13	1/4	2,544.42	1/4	2,189.15	1/4	1,834.66	1/4	1,477.66	1/4	1,122.36	1/4	774.44	1/4	417.25	1/4	60.93	1/4	
1/2	2,893.70	1/2	2,536.98	1/2	2,181.78	1/2	1,827.23	1/2	1,470.23	1/2	1,115.14	1/2	767.00	1/2	409.81	1/2	53.94	1/2	
3/4	2,886.27	3/4	2,529.54	3/4	2,174.40	3/4	1,819.79	3/4	1,462.79	3/4	1,107.92	3/4	759.56	3/4	402.37	3/4	46.95	3/4	
9	2,878.84	9	2,522.11	9	2,167.03	9	1,812.35	9	1,455.35	9	1,100.70	9	752.12	9	394.93	9	41.36	9	
1/4	2,871.41	1/4	2,514.67	1/4	2,159.65	1/4	1,804.91	1/4	1,447.91	1/4	1,093.49	1/4	744.68	1/4	387.49	1/4	35.77	1/4	
1/2	2,863.98	1/2	2,507.23	1/2	2,152.28	1/2	1,797.48	1/2	1,440.48	1/2	1,086.27	1/2	737.24	1/2	380.05	1/2	30.18	1/2	
3/4	2,856.55	3/4	2,499.79	3/4	2,144.90	3/4	1,790.04	3/4	1,433.04	3/4	1,079.06	3/4	729.79	3/4	372.61	3/4	24.59	3/4	
10	2,849.12	10	2,492.38	10	2,137.53	10	1,782.60	10	1,425.60	10	1,071.84	10	722.35	10	365.17	10	20.87	10	
1/4	2,841.69	1/4	2,484.96	1/4	2,130.16	1/4	1,775.16	1/4	1,418.16	1/4	1,064.63	1/4	714.91	1/4	357.73	1/4	17.14	1/4	
1/2	2,834.26	1/2	2,477.54	1/2	2,122.78	1/2	1,767.73	1/2	1,410.73	1/2	1,057.42	1/2	707.47	1/2	350.29	1/2	13.41	1/2	
3/4	2,826.82	3/4	2,470.12	3/4	2,115.41	3/4	1,760.29	3/4	1,403.29	3/4	1,050.21	3/4	700.03	3/4	342.85	3/4	9.69	3/4	
11	2,819.39	11	2,462.72	11	2,108.03	11	1,752.85	11	1,395.85	11	1,043.00	11	692.59	11	335.41	11	7.82	11	
1/4	2,811.96	1/4	2,455.32	1/4	2,100.66	1/4	1,745.41	1/4	1,388.41	1/4	1,035.79	1/4	685.14	1/4	327.97	1/4	5.96	1/4	
1/2	2,804.53	1/2	2,447.92	1/2	2,093.28	1/2	1,737.98	1/2	1,380.98	1/2	1,028.59	1/2	677.70	1/2	320.53	1/2	4.10	1/2	
3/4	2,797.10	3/4	2,440.52	3/4	2,085.91	3/4	1,730.54	3/4	1,373.54	3/4	1,021.38	3/4	670.26	3/4	313.09	3/4	2.23	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "LACB - 120"

3 STBD

ULLAGE TABLE

HERMETIC

GAUGE HEIGHT 19'-00"

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

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		0	4,535.27	0	4,289.65	0	4,042.86	0	3,795.64	0	3,530.20
1/4		1/4		1/4		1/4		1/4		1/4	4,530.16	1/4	4,284.51	1/4	4,037.71	1/4	3,790.49	1/4	3,522.78
1/2		1/2		1/2		1/2		1/2		1/2	4,525.05	1/2	4,279.38	1/2	4,032.56	1/2	3,785.34	1/2	3,515.36
3/4		3/4		3/4		3/4		3/4		3/4	4,519.93	3/4	4,274.24	3/4	4,027.41	3/4	3,780.19	3/4	3,507.94
1		1		1		1		1		1	4,514.82	1	4,269.10	1	4,022.26	1	3,775.04	1	3,500.52
1/4		1/4		1/4		1/4		1/4		1/4	4,509.71	1/4	4,263.97	1/4	4,017.11	1/4	3,769.89	1/4	3,493.10
1/2		1/2		1/2		1/2		1/2		1/2	4,504.60	1/2	4,258.83	1/2	4,011.96	1/2	3,764.74	1/2	3,485.68
3/4		3/4		3/4		3/4		3/4		3/4	4,499.49	3/4	4,253.70	3/4	4,006.81	3/4	3,759.59	3/4	3,478.25
2		2		2		2		2		2	4,494.38	2	4,248.56	2	4,001.65	2	3,754.44	2	3,470.83
1/4		1/4		1/4		1/4		1/4		1/4	4,489.27	1/4	4,243.42	1/4	3,996.50	1/4	3,749.29	1/4	3,463.41
1/2		1/2		1/2		1/2		1/2		1/2	4,484.16	1/2	4,238.29	1/2	3,991.35	1/2	3,744.13	1/2	3,455.99
3/4		3/4		3/4		3/4		3/4		3/4	4,479.05	3/4	4,233.15	3/4	3,986.20	3/4	3,738.98	3/4	3,448.57
3		3		3		3		3		3	4,473.94	3	4,228.02	3	3,981.05	3	3,733.83	3	3,441.15
1/4		1/4		1/4		1/4		1/4		1/4	4,468.83	1/4	4,222.88	1/4	3,975.90	1/4	3,728.68	1/4	3,433.73
1/2		1/2		1/2		1/2		1/2		1/2	4,463.72	1/2	4,217.74	1/2	3,970.75	1/2	3,723.53	1/2	3,426.31
3/4		3/4		3/4		3/4		3/4		3/4	4,458.61	3/4	4,212.61	3/4	3,965.60	3/4	3,718.38	3/4	3,418.88
4		4		4		4		4	4,628.22	4	4,453.50	4	4,207.47	4	3,960.45	4	3,713.23	4	3,411.46
1/4		1/4		1/4		1/4		1/4	4,627.91	1/4	4,448.40	1/4	4,202.34	1/4	3,955.30	1/4	3,708.08	1/4	3,404.04
1/2		1/2		1/2		1/2		1/2	4,627.60	1/2	4,443.29	1/2	4,197.20	1/2	3,950.15	1/2	3,702.93	1/2	3,396.62
3/4		3/4		3/4		3/4		3/4	4,626.89	3/4	4,438.18	3/4	4,192.06	3/4	3,945.00	3/4	3,697.78	3/4	3,389.20
5		5		5		5		5	4,626.18	5	4,433.07	5	4,186.93	5	3,939.85	5	3,692.63	5	3,381.78
1/4		1/4		1/4		1/4		1/4	4,625.47	1/4	4,427.96	1/4	4,181.79	1/4	3,934.70	1/4	3,687.48	1/4	3,374.36
1/2		1/2		1/2		1/2		1/2	4,624.76	1/2	4,422.85	1/2	4,176.66	1/2	3,929.55	1/2	3,682.33	1/2	3,366.94
3/4		3/4		3/4		3/4		3/4	4,624.05	3/4	4,417.74	3/4	4,171.52	3/4	3,924.40	3/4	3,677.18	3/4	3,359.51
6		6		6		6		6	4,623.34	6	4,412.64	6	4,166.38	6	3,919.25	6	3,672.03	6	3,352.09
1/4		1/4		1/4		1/4		1/4	4,621.96	1/4	4,407.53	1/4	4,161.25	1/4	3,914.10	1/4	3,666.88	1/4	3,344.67
1/2		1/2		1/2		1/2		1/2	4,620.57	1/2	4,402.42	1/2	4,156.11	1/2	3,908.95	1/2	3,661.73	1/2	3,337.25
3/4		3/4		3/4		3/4		3/4	4,619.19	3/4	4,397.31	3/4	4,150.98	3/4	3,903.80	3/4	3,656.58	3/4	3,329.83
7		7		7		7		7	4,617.80	7	4,392.20	7	4,145.84	7	3,898.65	7	3,651.43	7	3,322.41
1/4		1/4		1/4		1/4		1/4	4,615.35	1/4	4,387.09	1/4	4,140.70	1/4	3,893.50	1/4	3,646.28	1/4	3,314.99
1/2		1/2		1/2		1/2		1/2	4,612.90	1/2	4,381.98	1/2	4,135.55	1/2	3,888.35	1/2	3,641.13	1/2	3,307.57
3/4		3/4		3/4		3/4		3/4	4,610.45	3/4	4,376.88	3/4	4,130.41	3/4	3,883.20	3/4	3,635.98	3/4	3,300.14
8		8		8		8		8	4,608.00	8	4,371.77	8	4,125.26	8	3,878.05	8	3,630.83	8	3,292.72
1/4		1/4		1/4		1/4		1/4	4,604.49	1/4	4,366.65	1/4	4,120.11	1/4	3,872.89	1/4	3,625.68	1/4	3,285.29
1/2		1/2		1/2		1/2		1/2	4,600.98	1/2	4,361.52	1/2	4,114.96	1/2	3,867.74	1/2	3,620.53	1/2	3,277.86
3/4		3/4		3/4		3/4		3/4	4,597.46	3/4	4,356.40	3/4	4,109.81	3/4	3,862.59	3/4	3,615.37	3/4	3,270.43
9		9		9		9		9	4,593.95	9	4,351.28	9	4,104.66	9	3,857.44	9	3,610.22	9	3,263.00
1/4		1/4		1/4		1/4		1/4	4,589.43	1/4	4,346.14	1/4	4,099.51	1/4	3,852.29	1/4	3,604.50	1/4	3,255.55
1/2		1/2		1/2		1/2		1/2	4,584.92	1/2	4,341.01	1/2	4,094.36	1/2	3,847.14	1/2	3,598.78	1/2	3,248.11
3/4		3/4		3/4		3/4		3/4	4,580.41	3/4	4,335.87	3/4	4,089.21	3/4	3,841.99	3/4	3,593.05	3/4	3,240.67
10		10		10		10		10	4,575.89	10	4,330.74	10	4,084.06	10	3,836.84	10	3,587.33	10	3,233.23
1/4		1/4		1/4		1/4		1/4	4,570.85	1/4	4,325.60	1/4	4,078.91	1/4	3,831.69	1/4	3,580.47	1/4	3,225.79
1/2		1/2		1/2		1/2		1/2	4,565.80	1/2	4,320.46	1/2	4,073.76	1/2	3,826.54	1/2	3,573.61	1/2	3,218.34
3/4		3/4		3/4		3/4		3/4	4,560.76	3/4	4,315.33	3/4	4,068.61	3/4	3,821.39	3/4	3,566.75	3/4	3,210.90
11		11		11		11		11	4,555.71	11	4,310.19	11	4,063.46	11	3,816.24	11	3,559.89	11	3,203.46
1/4		1/4		1/4		1/4		1/4	4,550.60	1/4	4,305.06	1/4	4,058.31	1/4	3,811.09	1/4	3,552.47	1/4	3,196.02
1/2		1/2		1/2		1/2		1/2	4,545.49	1/2	4,299.92	1/2	4,053.16	1/2	3,805.94	1/2	3,545.05	1/2	3,188.58
3/4		3/4		3/4		3/4		3/4	4,540.38	3/4	4,294.78	3/4	4,048.01	3/4	3,800.79	3/4	3,537.63	3/4	3,181.13

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 ON EXP. DOME) LOCATED 03'-00" OFF CENTERLINE AND 84'-08 1/2" 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 "LACB - 120"

3 STBD

ULLAGE TABLE HERMETIC

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 19'-00"

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	3,173.69	0	2,816.42	0	2,458.92	0	2,101.22	0	1,743.53	0	1,385.84	0	1,028.31	0	671.02	0	313.34	0	2.23
1/4	3,166.25	1/4	2,808.97	1/4	2,451.46	1/4	2,093.77	1/4	1,736.08	1/4	1,378.39	1/4	1,020.87	1/4	663.57	1/4	305.89	1/4	
1/2	3,158.81	1/2	2,801.53	1/2	2,444.01	1/2	2,086.32	1/2	1,728.63	1/2	1,370.94	1/2	1,013.43	1/2	656.12	1/2	298.43	1/2	
3/4	3,151.37	3/4	2,794.09	3/4	2,436.56	3/4	2,078.87	3/4	1,721.18	3/4	1,363.49	3/4	1,006.00	3/4	648.66	3/4	290.98	3/4	
1	3,143.92	1	2,786.64	1	2,429.11	1	2,071.42	1	1,713.73	1	1,356.03	1	998.56	1	641.21	1	283.53	1	
1/4	3,136.48	1/4	2,779.20	1/4	2,421.66	1/4	2,063.96	1/4	1,706.27	1/4	1,348.58	1/4	991.12	1/4	633.76	1/4	276.08	1/4	
1/2	3,129.04	1/2	2,771.75	1/2	2,414.20	1/2	2,056.51	1/2	1,698.82	1/2	1,341.13	1/2	983.69	1/2	626.31	1/2	268.63	1/2	
3/4	3,121.60	3/4	2,764.31	3/4	2,406.75	3/4	2,049.06	3/4	1,691.37	3/4	1,333.68	3/4	976.25	3/4	618.86	3/4	261.18	3/4	
2	3,114.16	2	2,756.86	2	2,399.30	2	2,041.61	2	1,683.92	2	1,326.23	2	968.81	2	611.41	2	253.72	2	
1/4	3,106.71	1/4	2,749.42	1/4	2,391.85	1/4	2,034.16	1/4	1,676.47	1/4	1,318.77	1/4	961.38	1/4	603.95	1/4	246.27	1/4	
1/2	3,099.27	1/2	2,741.97	1/2	2,384.40	1/2	2,026.71	1/2	1,669.01	1/2	1,311.32	1/2	953.94	1/2	596.50	1/2	238.82	1/2	
3/4	3,091.83	3/4	2,734.53	3/4	2,376.94	3/4	2,019.25	3/4	1,661.56	3/4	1,303.87	3/4	946.50	3/4	589.05	3/4	231.37	3/4	
3	3,084.39	3	2,727.08	3	2,369.49	3	2,011.80	3	1,654.11	3	1,296.42	3	939.07	3	581.60	3	223.92	3	
1/4	3,076.95	1/4	2,719.64	1/4	2,362.04	1/4	2,004.35	1/4	1,646.66	1/4	1,288.97	1/4	931.63	1/4	574.15	1/4	216.47	1/4	
1/2	3,069.50	1/2	2,712.19	1/2	2,354.59	1/2	1,996.90	1/2	1,639.21	1/2	1,281.52	1/2	924.19	1/2	566.69	1/2	209.01	1/2	
3/4	3,062.06	3/4	2,704.75	3/4	2,347.14	3/4	1,989.45	3/4	1,631.75	3/4	1,274.06	3/4	916.76	3/4	559.24	3/4	201.56	3/4	
4	3,054.62	4	2,697.30	4	2,339.69	4	1,981.99	4	1,624.30	4	1,266.61	4	909.32	4	551.79	4	194.11	4	
1/4	3,047.18	1/4	2,689.86	1/4	2,332.23	1/4	1,974.54	1/4	1,616.85	1/4	1,259.16	1/4	901.88	1/4	544.34	1/4	186.66	1/4	
1/2	3,039.74	1/2	2,682.42	1/2	2,324.78	1/2	1,967.09	1/2	1,609.40	1/2	1,251.71	1/2	894.45	1/2	536.89	1/2	179.21	1/2	
3/4	3,032.29	3/4	2,674.97	3/4	2,317.33	3/4	1,959.64	3/4	1,601.95	3/4	1,244.26	3/4	887.01	3/4	529.44	3/4	171.75	3/4	
5	3,024.85	5	2,667.53	5	2,309.88	5	1,952.19	5	1,594.50	5	1,236.80	5	879.57	5	521.98	5	164.30	5	
1/4	3,017.41	1/4	2,660.08	1/4	2,302.43	1/4	1,944.73	1/4	1,587.04	1/4	1,229.35	1/4	872.14	1/4	514.53	1/4	156.85	1/4	
1/2	3,009.97	1/2	2,652.64	1/2	2,294.97	1/2	1,937.28	1/2	1,579.59	1/2	1,221.90	1/2	864.70	1/2	507.08	1/2	149.40	1/2	
3/4	3,002.53	3/4	2,645.19	3/4	2,287.52	3/4	1,929.83	3/4	1,572.14	3/4	1,214.45	3/4	857.26	3/4	499.63	3/4	141.95	3/4	
6	2,995.08	6	2,637.75	6	2,280.07	6	1,922.38	6	1,564.69	6	1,207.00	6	849.83	6	492.18	6	134.50	6	
1/4	2,987.64	1/4	2,630.30	1/4	2,272.62	1/4	1,914.93	1/4	1,557.24	1/4	1,199.54	1/4	842.38	1/4	484.73	1/4	127.04	1/4	
1/2	2,980.20	1/2	2,622.85	1/2	2,265.17	1/2	1,907.48	1/2	1,549.78	1/2	1,192.09	1/2	834.94	1/2	477.27	1/2	119.59	1/2	
3/4	2,972.76	3/4	2,615.40	3/4	2,257.71	3/4	1,900.02	3/4	1,542.33	3/4	1,184.64	3/4	827.50	3/4	469.82	3/4	112.14	3/4	
7	2,965.31	7	2,607.95	7	2,250.26	7	1,892.57	7	1,534.88	7	1,177.19	7	820.05	7	462.37	7	104.69	7	
1/4	2,957.87	1/4	2,600.50	1/4	2,242.81	1/4	1,885.12	1/4	1,527.43	1/4	1,169.74	1/4	812.60	1/4	454.92	1/4	97.24	1/4	
1/2	2,950.42	1/2	2,593.05	1/2	2,235.36	1/2	1,877.67	1/2	1,519.98	1/2	1,162.28	1/2	805.15	1/2	447.47	1/2	89.79	1/2	
3/4	2,942.98	3/4	2,585.60	3/4	2,227.91	3/4	1,870.22	3/4	1,512.52	3/4	1,154.83	3/4	797.70	3/4	440.02	3/4	82.33	3/4	
8	2,935.53	8	2,578.15	8	2,220.45	8	1,862.76	8	1,505.07	8	1,147.38	8	790.25	8	432.56	8	74.88	8	
1/4	2,928.09	1/4	2,570.69	1/4	2,213.00	1/4	1,855.31	1/4	1,497.62	1/4	1,139.93	1/4	782.79	1/4	425.11	1/4	67.90	1/4	
1/2	2,920.65	1/2	2,563.24	1/2	2,205.55	1/2	1,847.86	1/2	1,490.17	1/2	1,132.49	1/2	775.34	1/2	417.66	1/2	60.91	1/2	
3/4	2,913.20	3/4	2,555.79	3/4	2,198.10	3/4	1,840.41	3/4	1,482.72	3/4	1,125.04	3/4	767.89	3/4	410.21	3/4	53.92	3/4	
9	2,905.76	9	2,548.34	9	2,190.65	9	1,832.96	9	1,475.26	9	1,117.59	9	760.44	9	402.76	9	46.94	9	
1/4	2,898.31	1/4	2,540.89	1/4	2,183.20	1/4	1,825.50	1/4	1,467.81	1/4	1,110.15	1/4	752.99	1/4	395.31	1/4	41.35	1/4	
1/2	2,890.87	1/2	2,533.43	1/2	2,175.74	1/2	1,818.05	1/2	1,460.36	1/2	1,102.70	1/2	745.54	1/2	387.85	1/2	35.76	1/2	
3/4	2,883.42	3/4	2,525.98	3/4	2,168.29	3/4	1,810.60	3/4	1,452.91	3/4	1,095.26	3/4	738.08	3/4	380.40	3/4	30.17	3/4	
10	2,875.98	10	2,518.53	10	2,160.84	10	1,803.15	10	1,445.46	10	1,087.81	10	730.63	10	372.95	10	24.58	10	
1/4	2,868.53	1/4	2,511.08	1/4	2,153.39	1/4	1,795.70	1/4	1,438.01	1/4	1,080.37	1/4	723.18	1/4	365.50	1/4	20.86	1/4	
1/2	2,861.09	1/2	2,503.63	1/2	2,145.94	1/2	1,788.24	1/2	1,430.55	1/2	1,072.93	1/2	715.73	1/2	358.05	1/2	17.13	1/2	
3/4	2,853.64	3/4	2,496.18	3/4	2,138.48	3/4	1,780.79	3/4	1,423.10	3/4	1,065.49	3/4	708.28	3/4	350.60	3/4	13.41	3/4	
11	2,846.20	11	2,488.72	11	2,131.03	11	1,773.34	11	1,415.65	11	1,058.05	11	700.83	11	343.14	11	9.68	11	
1/4	2,838.75	1/4	2,481.27	1/4	2,123.58	1/4	1,765.89	1/4	1,408.20	1/4	1,050.62	1/4	693.37	1/4	335.69	1/4	7.82	1/4	
1/2	2,831.31	1/2	2,473.82	1/2	2,116.13	1/2	1,758.44	1/2	1,400.75	1/2	1,043.18	1/2	685.92	1/2	328.24	1/2	5.96	1/2	
3/4	2,823.86	3/4	2,466.37	3/4	2,108.68	3/4	1,750.99	3/4	1,393.29	3/4	1,035.74	3/4	678.47	3/4	320.79	3/4	4.09	3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 12/08/2013 CL
RECALCULATED: 05/15/2020 SW
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

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



BARGE "LACB - 120"

FWD SLOP TANK

INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 5'-07 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	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	

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: 12/04/2013 CL
CALCULATED: 12/05/2013 CL
NAME CHANGE: 08/24/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 08/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "LACB - 120"

AFT SLOP TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 5'-07 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	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	

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.

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BARGE "LACB - 120"

FUEL TANK INNAGE TABLE

CAPACITIES GIVEN IN WHOLE GALLONS

FORMERLY "KIRBY 29256"

GAUGE HEIGHT 3'-10"

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	

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.

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