



BARGE "KIRBY 29054"

ULLAGE TRIM TABLE

	1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.	
	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>	<u>BOW</u>	<u>STERN</u>
1 PORT	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
1 STBD	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-3/4	- 00-3/4
2 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
2 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

June 30, 2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29054"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN		IN		IN		IN		IN		IN		IN		IN		IN		IN	
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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BARGE "KIRBY 29054"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	1,971.20	0	1,639.85	0	1,308.49	0	977.56	0	661.87	0	369.27	0	100.25	0		0		0	
1/4	1,964.30	1/4	1,632.95	1/4	1,301.59	1/4	970.74	1/4	655.54	1/4	363.43	1/4	94.91	1/4	1/4		1/4		1/4
1/2	1,957.40	1/2	1,626.04	1/2	1,294.69	1/2	963.91	1/2	649.21	1/2	357.59	1/2	89.56	1/2	1/2		1/2		1/2
3/4	1,950.49	3/4	1,619.14	3/4	1,287.79	3/4	957.09	3/4	642.88	3/4	351.75	3/4	84.21	3/4	3/4		3/4		3/4
1	1,943.59	1	1,612.24	1	1,280.88	1	950.33	1	636.59	1	345.95	1	78.91	1	1		1		1
1/4	1,936.69	1/4	1,605.33	1/4	1,273.98	1/4	943.56	1/4	630.30	1/4	340.15	1/4	73.60	1/4	1/4		1/4		1/4
1/2	1,929.78	1/2	1,598.43	1/2	1,267.08	1/2	936.80	1/2	624.01	1/2	334.35	1/2	68.30	1/2	1/2		1/2		1/2
3/4	1,922.88	3/4	1,591.53	3/4	1,260.17	3/4	930.03	3/4	617.72	3/4	328.55	3/4	63.00	3/4	3/4		3/4		3/4
2	1,915.98	2	1,584.62	2	1,253.27	2	923.30	2	611.47	2	322.80	2	57.73	2	2		2		2
1/4	1,909.07	1/4	1,577.72	1/4	1,246.37	1/4	916.58	1/4	605.22	1/4	317.04	1/4	52.47	1/4	1/4		1/4		1/4
1/2	1,902.17	1/2	1,570.82	1/2	1,239.46	1/2	909.85	1/2	598.97	1/2	311.28	1/2	47.20	1/2	1/2		1/2		1/2
3/4	1,895.27	3/4	1,563.91	3/4	1,232.56	3/4	903.13	3/4	592.72	3/4	305.52	3/4	41.93	3/4	3/4		3/4		3/4
3	1,888.36	3	1,557.01	3	1,225.66	3	896.44	3	586.51	3	299.80	3	37.58	3	3		3		3
1/4	1,881.46	1/4	1,550.11	1/4	1,218.75	1/4	889.76	1/4	580.30	1/4	294.09	1/4	33.22	1/4	1/4		1/4		1/4
1/2	1,874.56	1/2	1,543.20	1/2	1,211.85	1/2	883.08	1/2	574.09	1/2	288.37	1/2	28.86	1/2	1/2		1/2		1/2
3/4	1,867.65	3/4	1,536.30	3/4	1,204.95	3/4	876.39	3/4	567.88	3/4	282.65	3/4	24.50	3/4	3/4		3/4		3/4
4	1,860.75	4	1,529.40	4	1,198.04	4	869.75	4	561.72	4	276.98	4	21.91	4	4		4		4
1/4	1,853.85	1/4	1,522.49	1/4	1,191.14	1/4	863.11	1/4	555.55	1/4	271.30	1/4	19.32	1/4	1/4		1/4		1/4
1/2	1,846.94	1/2	1,515.59	1/2	1,184.24	1/2	856.46	1/2	549.38	1/2	265.62	1/2	16.72	1/2	1/2		1/2		1/2
3/4	1,840.04	3/4	1,508.69	3/4	1,177.33	3/4	849.82	3/4	543.21	3/4	259.94	3/4	14.13	3/4	3/4		3/4		3/4
5	1,833.14	5	1,501.78	5	1,170.43	5	843.22	5	537.09	5	254.31	5		5	5		5		5
1/4	1,826.23	1/4	1,494.88	1/4	1,163.53	1/4	836.61	1/4	530.96	1/4	248.68	1/4		1/4	1/4		1/4		1/4
1/2	1,819.33	1/2	1,487.98	1/2	1,156.62	1/2	830.01	1/2	524.83	1/2	243.04	1/2		1/2	1/2		1/2		1/2
3/4	1,812.43	3/4	1,481.07	3/4	1,149.72	3/4	823.41	3/4	518.71	3/4	237.41	3/4		3/4	3/4		3/4		3/4
6	1,805.53	6	1,474.17	6	1,142.82	6	816.85	6	512.62	6	231.81	6		6	6		6		6
1/4	1,798.62	1/4	1,467.27	1/4	1,135.91	1/4	810.29	1/4	506.54	1/4	226.22	1/4		1/4	1/4		1/4		1/4
1/2	1,791.72	1/2	1,460.37	1/2	1,129.01	1/2	803.72	1/2	500.45	1/2	220.62	1/2		1/2	1/2		1/2		1/2
3/4	1,784.82	3/4	1,453.46	3/4	1,122.11	3/4	797.16	3/4	494.36	3/4	215.02	3/4		3/4	3/4		3/4		3/4
7	1,777.91	7	1,446.56	7	1,115.21	7	790.64	7	488.32	7	209.47	7		7	7		7		7
1/4	1,771.01	1/4	1,439.66	1/4	1,108.30	1/4	784.12	1/4	482.27	1/4	203.92	1/4		1/4	1/4		1/4		1/4
1/2	1,764.11	1/2	1,432.75	1/2	1,101.40	1/2	777.60	1/2	476.23	1/2	198.37	1/2		1/2	1/2		1/2		1/2
3/4	1,757.20	3/4	1,425.85	3/4	1,094.50	3/4	771.08	3/4	470.19	3/4	192.82	3/4		3/4	3/4		3/4		3/4
8	1,750.30	8	1,418.95	8	1,087.59	8	764.60	8	464.18	8	187.30	8		8	8		8		8
1/4	1,743.40	1/4	1,412.04	1/4	1,080.69	1/4	758.12	1/4	458.18	1/4	181.79	1/4		1/4	1/4		1/4		1/4
1/2	1,736.49	1/2	1,405.14	1/2	1,073.79	1/2	751.64	1/2	452.17	1/2	176.27	1/2		1/2	1/2		1/2		1/2
3/4	1,729.59	3/4	1,398.24	3/4	1,066.89	3/4	745.16	3/4	446.17	3/4	170.76	3/4		3/4	3/4		3/4		3/4
9	1,722.69	9	1,391.33	9	1,059.99	9	738.71	9	440.21	9	165.29	9		9	9		9		9
1/4	1,715.78	1/4	1,384.43	1/4	1,053.10	1/4	732.26	1/4	434.24	1/4	159.82	1/4		1/4	1/4		1/4		1/4
1/2	1,708.88	1/2	1,377.53	1/2	1,046.21	1/2	725.80	1/2	428.28	1/2	154.35	1/2		1/2	1/2		1/2		1/2
3/4	1,701.98	3/4	1,370.62	3/4	1,039.31	3/4	719.35	3/4	422.32	3/4	148.88	3/4		3/4	3/4		3/4		3/4
10	1,695.07	10	1,363.72	10	1,032.43	10	712.93	10	416.40	10	143.45	10		10	10		10		10
1/4	1,688.17	1/4	1,356.82	1/4	1,025.55	1/4	706.52	1/4	410.48	1/4	138.01	1/4		1/4	1/4		1/4		1/4
1/2	1,681.27	1/2	1,349.91	1/2	1,018.68	1/2	700.11	1/2	404.55	1/2	132.58	1/2		1/2	1/2		1/2		1/2
3/4	1,674.36	3/4	1,343.01	3/4	1,011.80	3/4	693.69	3/4	398.63	3/4	127.15	3/4		3/4	3/4		3/4		3/4
11	1,667.46	11	1,336.11	11	1,004.94	11	687.32	11	392.75	11	121.76	11		11	11		11		11
1/4	1,660.56	1/4	1,329.20	1/4	998.09	1/4	680.95	1/4	386.87	1/4	116.37	1/4		1/4	1/4		1/4		1/4
1/2	1,653.65	1/2	1,322.30	1/2	991.23	1/2	674.58	1/2	380.99	1/2	110.99	1/2		1/2	1/2		1/2		1/2
3/4	1,646.75	3/4	1,315.40	3/4	984.38	3/4	668.21	3/4	375.11	3/4	105.60	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 29054"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0		0		0		0		0		0	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1		1		1		1		1		1		1		1		1		1	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2		2		2		2		2		2		2		2		2		2	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3		3		3		3		3		3		3		3		3		3	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4		4		4		4		4		4		4		4		4		4	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5		5		5		5		5		5		5		5		5		5	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6		6		6		6		6		6		6		6		6		6	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7		7		7		7		7		7		7		7		7		7	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8		8		8		8		8		8		8		8		8		8	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9		9		9		9		9		9		9		9		9		9	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10		10		10		10		10		10		10		10		10		10	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11		11		11		11		11		11		11		11		11		11	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
12		12		12		12		12		12		12		12		12		12	
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 42'-00" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29054"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4	1,955.62	1/4	1,624.27	1/4	1,292.91	1/4	962.36	1/4	649.20	1/4	357.58	1/4	89.55	1/4		1/4		1/4	
1/2	1,948.72	1/2	1,617.36	1/2	1,286.01	1/2	955.58	1/2	642.86	1/2	351.74	1/2	84.21	1/2		1/2		1/2	
3/4	1,941.81	3/4	1,610.46	3/4	1,279.11	3/4	948.85	3/4	636.57	3/4	345.94	3/4	78.90	3/4		3/4		3/4	
1	1,934.91	1	1,603.56	1	1,272.20	1	942.13	1	630.28	1	340.14	1	73.60	1		1		1	
1/4	1,928.01	1/4	1,596.65	1/4	1,265.30	1/4	935.40	1/4	624.00	1/4	334.35	1/4	68.30	1/4		1/4		1/4	
1/2	1,921.10	1/2	1,589.75	1/2	1,258.40	1/2	928.67	1/2	617.71	1/2	328.55	1/2	62.99	1/2		1/2		1/2	
3/4	1,914.20	3/4	1,582.85	3/4	1,251.49	3/4	921.98	3/4	611.46	3/4	322.79	3/4	57.73	3/4		3/4		3/4	
2	1,907.30	2	1,575.94	2	1,244.59	2	915.30	2	605.21	2	317.03	2	52.46	2		2		2	
1/4	1,900.39	1/4	1,569.04	1/4	1,237.69	1/4	908.61	1/4	598.96	1/4	311.27	1/4	47.20	1/4		1/4		1/4	
1/2	1,893.49	1/2	1,562.14	1/2	1,230.78	1/2	901.92	1/2	592.71	1/2	305.51	1/2	41.93	1/2		1/2		1/2	
3/4	1,886.59	3/4	1,555.23	3/4	1,223.88	3/4	895.28	3/4	586.50	3/4	299.80	3/4	37.57	3/4		3/4		3/4	
3	1,879.68	3	1,548.33	3	1,216.98	3	888.63	3	580.29	3	294.08	3	33.22	3		3		3	
1/4	1,872.78	1/4	1,541.43	1/4	1,210.07	1/4	881.99	1/4	574.08	1/4	288.36	1/4	28.86	1/4		1/4		1/4	
1/2	1,865.88	1/2	1,534.52	1/2	1,203.17	1/2	875.34	1/2	567.87	1/2	282.65	1/2	24.50	1/2		1/2		1/2	
3/4	1,858.97	3/4	1,527.62	3/4	1,196.27	3/4	868.74	3/4	561.71	3/4	276.97	3/4	21.91	3/4		3/4		3/4	
4	1,852.07	4	1,520.72	4	1,189.36	4	862.13	4	555.54	4	271.29	4	19.32	4		4		4	
1/4	1,845.17	1/4	1,513.81	1/4	1,182.46	1/4	855.53	1/4	549.37	1/4	265.62	1/4	16.72	1/4		1/4		1/4	
1/2	1,838.26	1/2	1,506.91	1/2	1,175.56	1/2	848.92	1/2	543.20	1/2	259.94	1/2	14.13	1/2		1/2		1/2	
3/4	1,831.36	3/4	1,500.01	3/4	1,168.65	3/4	842.36	3/4	537.08	3/4	254.30	3/4		3/4		3/4		3/4	
5	1,824.46	5	1,493.10	5	1,161.75	5	835.80	5	530.95	5	248.67	5		5		5		5	
1/4	1,817.56	1/4	1,486.20	1/4	1,154.85	1/4	829.24	1/4	524.82	1/4	243.04	1/4		1/4		1/4		1/4	
1/2	1,810.65	1/2	1,479.30	1/2	1,147.94	1/2	822.67	1/2	518.70	1/2	237.40	1/2		1/2		1/2		1/2	
3/4	1,803.75	3/4	1,472.40	3/4	1,141.04	3/4	816.15	3/4	512.61	3/4	231.81	3/4		3/4		3/4		3/4	
6	1,796.85	6	1,465.49	6	1,134.14	6	809.63	6	506.53	6	226.21	6		6		6		6	
1/4	1,789.94	1/4	1,458.59	1/4	1,127.24	1/4	803.10	1/4	500.44	1/4	220.62	1/4		1/4		1/4		1/4	
1/2	1,783.04	1/2	1,451.69	1/2	1,120.33	1/2	796.58	1/2	494.35	1/2	215.02	1/2		1/2		1/2		1/2	
3/4	1,776.14	3/4	1,444.78	3/4	1,113.43	3/4	790.10	3/4	488.31	3/4	209.47	3/4		3/4		3/4		3/4	
7	1,769.23	7	1,437.88	7	1,106.53	7	783.62	7	482.27	7	203.92	7		7		7		7	
1/4	1,762.33	1/4	1,430.98	1/4	1,099.62	1/4	777.13	1/4	476.22	1/4	198.37	1/4		1/4		1/4		1/4	
1/2	1,755.43	1/2	1,424.07	1/2	1,092.72	1/2	770.65	1/2	470.18	1/2	192.81	1/2		1/2		1/2		1/2	
3/4	1,748.52	3/4	1,417.17	3/4	1,085.82	3/4	764.21	3/4	464.17	3/4	187.30	3/4		3/4		3/4		3/4	
8	1,741.62	8	1,410.27	8	1,078.92	8	757.77	8	458.17	8	181.79	8		8		8		8	
1/4	1,734.72	1/4	1,403.36	1/4	1,072.01	1/4	751.33	1/4	452.16	1/4	176.27	1/4		1/4		1/4		1/4	
1/2	1,727.81	1/2	1,396.46	1/2	1,065.11	1/2	744.89	1/2	446.16	1/2	170.76	1/2		1/2		1/2		1/2	
3/4	1,720.91	3/4	1,389.56	3/4	1,058.22	3/4	738.47	3/4	440.20	3/4	165.29	3/4		3/4		3/4		3/4	
9	1,714.01	9	1,382.65	9	1,051.32	9	732.05	9	434.24	9	159.82	9		9		9		9	
1/4	1,707.10	1/4	1,375.75	1/4	1,044.43	1/4	725.63	1/4	428.27	1/4	154.35	1/4		1/4		1/4		1/4	
1/2	1,700.20	1/2	1,368.85	1/2	1,037.53	1/2	719.22	1/2	422.31	1/2	148.88	1/2		1/2		1/2		1/2	
3/4	1,693.30	3/4	1,361.94	3/4	1,030.66	3/4	712.83	3/4	416.39	3/4	143.45	3/4		3/4		3/4		3/4	
10	1,686.39	10	1,355.04	10	1,023.78	10	706.45	10	410.47	10	138.01	10		10		10		10	
1/4	1,679.49	1/4	1,348.14	1/4	1,016.90	1/4	700.06	1/4	404.54	1/4	132.58	1/4		1/4		1/4		1/4	
1/2	1,672.59	1/2	1,341.23	1/2	1,010.02	1/2	693.68	1/2	398.62	1/2	127.14	1/2		1/2		1/2		1/2	
3/4	1,665.68	3/4	1,334.33	3/4	1,003.20	3/4	687.31	3/4	392.74	3/4	121.76	3/4		3/4		3/4		3/4	
11	1,658.78	11	1,327.43	11	996.37	11	680.94	11	386.86	11	116.37	11		11		11		11	
1/4	1,651.88	1/4	1,320.52	1/4	989.55	1/4	674.56	1/4	380.98	1/4	110.99	1/4		1/4		1/4		1/4	
1/2	1,644.98	1/2	1,313.62	1/2	982.72	1/2	668.19	1/2	375.10	1/2	105.60	1/2		1/2		1/2		1/2	
3/4	1,638.07	3/4	1,306.72	3/4	975.94	3/4	661.86	3/4	369.26	3/4	100.25	3/4		3/4		3/4		3/4	

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 29054"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	2,473.28	0	2,085.07	0	1,696.87	0	1,308.66	0	920.46	0	533.14	0	145.35	0		0		0	
1/4	2,465.19	1/4	2,076.98	1/4	1,688.78	1/4	1,300.57	1/4	912.37	1/4	525.06	1/4	137.28	1/4		1/4		1/4	
1/2	2,457.10	1/2	2,068.90	1/2	1,680.69	1/2	1,292.49	1/2	904.28	1/2	516.98	1/2	129.20	1/2		1/2		1/2	
3/4	2,449.01	3/4	2,060.81	3/4	1,672.60	3/4	1,284.40	3/4	896.21	3/4	508.90	3/4	121.12	3/4		3/4		3/4	
1	2,440.92	1	2,052.72	1	1,664.52	1	1,276.31	1	888.13	1	500.83	1	113.04	1		1		1	
1/4	2,432.84	1/4	2,044.63	1/4	1,656.43	1/4	1,268.22	1/4	880.05	1/4	492.75	1/4	104.96	1/4		1/4		1/4	
1/2	2,424.75	1/2	2,036.54	1/2	1,648.34	1/2	1,260.14	1/2	871.98	1/2	484.67	1/2	96.88	1/2		1/2		1/2	
3/4	2,416.66	3/4	2,028.46	3/4	1,640.25	3/4	1,252.05	3/4	863.92	3/4	476.59	3/4	88.80	3/4		3/4		3/4	
2	2,408.57	2	2,020.37	2	1,632.16	2	1,243.96	2	855.85	2	468.51	2	80.72	2		2		2	
1/4	2,400.49	1/4	2,012.28	1/4	1,624.08	1/4	1,235.87	1/4	847.79	1/4	460.43	1/4	72.64	1/4		1/4		1/4	
1/2	2,392.40	1/2	2,004.19	1/2	1,615.99	1/2	1,227.78	1/2	839.73	1/2	452.35	1/2	64.56	1/2		1/2		1/2	
3/4	2,384.31	3/4	1,996.11	3/4	1,607.90	3/4	1,219.70	3/4	831.66	3/4	444.27	3/4	57.50	3/4		3/4		3/4	
3	2,376.22	3	1,988.02	3	1,599.81	3	1,211.61	3	823.60	3	436.19	3	50.43	3		3		3	
1/4	2,368.14	1/4	1,979.93	1/4	1,591.73	1/4	1,203.52	1/4	815.54	1/4	428.12	1/4	43.36	1/4		1/4		1/4	
1/2	2,360.05	1/2	1,971.84	1/2	1,583.64	1/2	1,195.43	1/2	807.47	1/2	420.04	1/2	36.29	1/2		1/2		1/2	
3/4	2,351.96	3/4	1,963.76	3/4	1,575.55	3/4	1,187.35	3/4	799.41	3/4	411.96	3/4	31.24	3/4		3/4		3/4	
4	2,343.87	4	1,955.67	4	1,567.46	4	1,179.26	4	791.35	4	403.88	4	26.20	4		4		4	
1/4	2,335.79	1/4	1,947.58	1/4	1,559.38	1/4	1,171.17	1/4	783.29	1/4	395.80	1/4	21.15	1/4		1/4		1/4	
1/2	2,327.70	1/2	1,939.49	1/2	1,551.29	1/2	1,163.08	1/2	775.22	1/2	387.72	1/2	16.10	1/2		1/2		1/2	
3/4	2,319.61	3/4	1,931.41	3/4	1,543.20	3/4	1,155.00	3/4	767.16	3/4	379.64	3/4		3/4		3/4		3/4	
5	2,311.52	5	1,923.32	5	1,535.11	5	1,146.91	5	759.10	5	371.56	5		5		5		5	
1/4	2,303.44	1/4	1,915.23	1/4	1,527.03	1/4	1,138.82	1/4	751.03	1/4	363.48	1/4		1/4		1/4		1/4	
1/2	2,295.35	1/2	1,907.14	1/2	1,518.94	1/2	1,130.73	1/2	742.97	1/2	355.41	1/2		1/2		1/2		1/2	
3/4	2,287.26	3/4	1,899.06	3/4	1,510.85	3/4	1,122.65	3/4	734.91	3/4	347.33	3/4		3/4		3/4		3/4	
6	2,279.17	6	1,890.97	6	1,502.76	6	1,114.56	6	726.84	6	339.25	6		6		6		6	
1/4	2,271.09	1/4	1,882.88	1/4	1,494.68	1/4	1,106.47	1/4	718.78	1/4	331.17	1/4		1/4		1/4		1/4	
1/2	2,263.00	1/2	1,874.79	1/2	1,486.59	1/2	1,098.38	1/2	710.72	1/2	323.09	1/2		1/2		1/2		1/2	
3/4	2,254.91	3/4	1,866.71	3/4	1,478.50	3/4	1,090.30	3/4	702.65	3/4	315.01	3/4		3/4		3/4		3/4	
7	2,246.82	7	1,858.62	7	1,470.41	7	1,082.21	7	694.59	7	306.93	7		7		7		7	
1/4	2,238.73	1/4	1,850.53	1/4	1,462.33	1/4	1,074.12	1/4	686.53	1/4	298.85	1/4		1/4		1/4		1/4	
1/2	2,230.65	1/2	1,842.44	1/2	1,454.24	1/2	1,066.03	1/2	678.46	1/2	290.77	1/2		1/2		1/2		1/2	
3/4	2,222.56	3/4	1,834.35	3/4	1,446.15	3/4	1,057.95	3/4	670.40	3/4	282.70	3/4		3/4		3/4		3/4	
8	2,214.47	8	1,826.27	8	1,438.06	8	1,049.86	8	662.34	8	274.62	8		8		8		8	
1/4	2,206.38	1/4	1,818.18	1/4	1,429.97	1/4	1,041.77	1/4	654.28	1/4	266.54	1/4		1/4		1/4		1/4	
1/2	2,198.30	1/2	1,810.09	1/2	1,421.89	1/2	1,033.68	1/2	646.21	1/2	258.46	1/2		1/2		1/2		1/2	
3/4	2,190.21	3/4	1,802.00	3/4	1,413.80	3/4	1,025.59	3/4	638.14	3/4	250.38	3/4		3/4		3/4		3/4	
9	2,182.12	9	1,793.92	9	1,405.71	9	1,017.51	9	630.07	9	242.30	9		9		9		9	
1/4	2,174.03	1/4	1,785.83	1/4	1,397.62	1/4	1,009.42	1/4	622.00	1/4	234.22	1/4		1/4		1/4		1/4	
1/2	2,165.95	1/2	1,777.74	1/2	1,389.54	1/2	1,001.33	1/2	613.93	1/2	226.14	1/2		1/2		1/2		1/2	
3/4	2,157.86	3/4	1,769.65	3/4	1,381.45	3/4	993.24	3/4	605.85	3/4	218.06	3/4		3/4		3/4		3/4	
10	2,149.77	10	1,761.57	10	1,373.36	10	985.16	10	597.77	10	209.99	10		10		10		10	
1/4	2,141.68	1/4	1,753.48	1/4	1,365.27	1/4	977.07	1/4	589.69	1/4	201.91	1/4		1/4		1/4		1/4	
1/2	2,133.60	1/2	1,745.39	1/2	1,357.19	1/2	968.98	1/2	581.61	1/2	193.83	1/2		1/2		1/2		1/2	
3/4	2,125.51	3/4	1,737.30	3/4	1,349.10	3/4	960.89	3/4	573.54	3/4	185.75	3/4		3/4		3/4		3/4	
11	2,117.42	11	1,729.22	11	1,341.01	11	952.81	11	565.46	11	177.67	11		11		11		11	
1/4	2,109.33	1/4	1,721.13	1/4	1,332.92	1/4	944.72	1/4	557.38	1/4	169.59	1/4		1/4		1/4		1/4	
1/2	2,101.25	1/2	1,713.04	1/2	1,324.84	1/2	936.63	1/2	549.30	1/2	161.51	1/2		1/2		1/2		1/2	
3/4	2,093.16	3/4	1,704.95	3/4	1,316.75	3/4	928.54	3/4	541.22	3/4	153.43	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 29054"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	2,469.30	0	2,080.80	0	1,692.31	0	1,303.82	0	916.25	0	542.53	0	154.08	0		0		0	
1/4	2,461.20	1/4	2,072.71	1/4	1,684.22	1/4	1,295.72	1/4	908.46	1/4	534.44	1/4	145.99	1/4	1/4		1/4		1/4
1/2	2,453.11	1/2	2,064.62	1/2	1,676.12	1/2	1,287.63	1/2	900.68	1/2	526.34	1/2	137.89	1/2	1/2		1/2		1/2
3/4	2,445.02	3/4	2,056.52	3/4	1,668.03	3/4	1,279.54	3/4	892.89	3/4	518.25	3/4	129.80	3/4	3/4		3/4		3/4
1	2,436.92	1	2,048.43	1	1,659.94	1	1,271.44	1	885.12	1	510.16	1	121.71	1	1		1		1
1/4	2,428.83	1/4	2,040.34	1/4	1,651.84	1/4	1,263.35	1/4	877.35	1/4	502.07	1/4	113.62	1/4	1/4		1/4		1/4
1/2	2,420.74	1/2	2,032.24	1/2	1,643.75	1/2	1,255.26	1/2	869.58	1/2	493.97	1/2	105.52	1/2	1/2		1/2		1/2
3/4	2,412.64	3/4	2,024.15	3/4	1,635.66	3/4	1,247.16	3/4	861.81	3/4	485.88	3/4	97.43	3/4	3/4		3/4		3/4
2	2,404.55	2	2,016.05	2	1,627.56	2	1,239.07	2	854.06	2	477.79	2	89.34	2	2		2		2
1/4	2,396.45	1/4	2,007.96	1/4	1,619.47	1/4	1,230.98	1/4	846.30	1/4	469.69	1/4	81.24	1/4	1/4		1/4		1/4
1/2	2,388.36	1/2	1,999.87	1/2	1,611.38	1/2	1,222.88	1/2	838.54	1/2	461.60	1/2	73.15	1/2	1/2		1/2		1/2
3/4	2,380.27	3/4	1,991.77	3/4	1,603.28	3/4	1,214.79	3/4	830.78	3/4	453.51	3/4	65.06	3/4	3/4		3/4		3/4
3	2,372.17	3	1,983.68	3	1,595.19	3	1,206.70	3	823.02	3	445.42	3	57.98	3	3		3		3
1/4	2,364.08	1/4	1,975.59	1/4	1,587.09	1/4	1,198.60	1/4	815.26	1/4	437.32	1/4	50.89	1/4	1/4		1/4		1/4
1/2	2,355.99	1/2	1,967.49	1/2	1,579.00	1/2	1,190.51	1/2	807.50	1/2	429.23	1/2	43.81	1/2	1/2		1/2		1/2
3/4	2,347.89	3/4	1,959.40	3/4	1,570.91	3/4	1,182.41	3/4	799.74	3/4	421.14	3/4	36.73	3/4	3/4		3/4		3/4
4	2,339.80	4	1,951.31	4	1,562.81	4	1,174.32	4	791.98	4	413.05	4	31.67	4	4		4		4
1/4	2,331.71	1/4	1,943.21	1/4	1,554.72	1/4	1,166.23	1/4	784.22	1/4	404.95	1/4	26.61	1/4	1/4		1/4		1/4
1/2	2,323.61	1/2	1,935.12	1/2	1,546.63	1/2	1,158.13	1/2	776.46	1/2	396.86	1/2	21.55	1/2	1/2		1/2		1/2
3/4	2,315.52	3/4	1,927.03	3/4	1,538.53	3/4	1,150.04	3/4	768.70	3/4	388.77	3/4	16.50	3/4	3/4		3/4		3/4
5	2,307.42	5	1,918.93	5	1,530.44	5	1,141.95	5	760.94	5	380.67	5		5	5		5		5
1/4	2,299.33	1/4	1,910.84	1/4	1,522.35	1/4	1,133.85	1/4	753.18	1/4	372.58	1/4		1/4	1/4		1/4		1/4
1/2	2,291.24	1/2	1,902.74	1/2	1,514.25	1/2	1,125.76	1/2	745.43	1/2	364.49	1/2		1/2	1/2		1/2		1/2
3/4	2,283.14	3/4	1,894.65	3/4	1,506.16	3/4	1,117.67	3/4	737.67	3/4	356.40	3/4		3/4	3/4		3/4		3/4
6	2,275.05	6	1,886.56	6	1,498.06	6	1,109.57	6	729.91	6	348.30	6		6	6		6		6
1/4	2,266.96	1/4	1,878.46	1/4	1,489.97	1/4	1,101.48	1/4	722.15	1/4	340.21	1/4		1/4	1/4		1/4		1/4
1/2	2,258.86	1/2	1,870.37	1/2	1,481.88	1/2	1,093.38	1/2	714.39	1/2	332.12	1/2		1/2	1/2		1/2		1/2
3/4	2,250.77	3/4	1,862.28	3/4	1,473.78	3/4	1,085.29	3/4	706.63	3/4	324.03	3/4		3/4	3/4		3/4		3/4
7	2,242.68	7	1,854.18	7	1,465.69	7	1,077.20	7	698.87	7	315.93	7		7	7		7		7
1/4	2,234.58	1/4	1,846.09	1/4	1,457.60	1/4	1,069.10	1/4	691.11	1/4	307.84	1/4		1/4	1/4		1/4		1/4
1/2	2,226.49	1/2	1,838.00	1/2	1,449.50	1/2	1,061.01	1/2	683.36	1/2	299.75	1/2		1/2	1/2		1/2		1/2
3/4	2,218.40	3/4	1,829.90	3/4	1,441.41	3/4	1,052.92	3/4	675.60	3/4	291.66	3/4		3/4	3/4		3/4		3/4
8	2,210.30	8	1,821.81	8	1,433.32	8	1,044.82	8	667.84	8	283.56	8		8	8		8		8
1/4	2,202.21	1/4	1,813.71	1/4	1,425.22	1/4	1,036.73	1/4	660.09	1/4	275.47	1/4		1/4	1/4		1/4		1/4
1/2	2,194.11	1/2	1,805.62	1/2	1,417.13	1/2	1,028.64	1/2	652.33	1/2	267.38	1/2		1/2	1/2		1/2		1/2
3/4	2,186.02	3/4	1,797.53	3/4	1,409.04	3/4	1,020.54	3/4	644.57	3/4	259.28	3/4		3/4	3/4		3/4		3/4
9	2,177.93	9	1,789.43	9	1,400.94	9	1,012.45	9	636.80	9	251.19	9		9	9		9		9
1/4	2,169.83	1/4	1,781.34	1/4	1,392.85	1/4	1,004.36	1/4	629.04	1/4	243.10	1/4		1/4	1/4		1/4		1/4
1/2	2,161.74	1/2	1,773.25	1/2	1,384.75	1/2	996.26	1/2	621.27	1/2	235.01	1/2		1/2	1/2		1/2		1/2
3/4	2,153.65	3/4	1,765.15	3/4	1,376.66	3/4	988.17	3/4	613.50	3/4	226.91	3/4		3/4	3/4		3/4		3/4
10	2,145.55	10	1,757.06	10	1,368.57	10	980.07	10	605.72	10	218.82	10		10	10		10		10
1/4	2,137.46	1/4	1,748.97	1/4	1,360.47	1/4	971.98	1/4	597.94	1/4	210.73	1/4		1/4	1/4		1/4		1/4
1/2	2,129.37	1/2	1,740.87	1/2	1,352.38	1/2	963.89	1/2	590.16	1/2	202.64	1/2		1/2	1/2		1/2		1/2
3/4	2,121.27	3/4	1,732.78	3/4	1,344.29	3/4	955.79	3/4	582.37	3/4	194.54	3/4		3/4	3/4		3/4		3/4
11	2,113.18	11	1,724.69	11	1,336.19	11	947.85	11	574.44	11	186.45	11		11	11		11		11
1/4	2,105.08	1/4	1,716.59	1/4	1,328.10	1/4	939.91	1/4	566.50	1/4	178.36	1/4		1/4	1/4		1/4		1/4
1/2	2,096.99	1/2	1,708.50	1/2	1,320.01	1/2	931.97	1/2	558.56	1/2	170.26	1/2		1/2	1/2		1/2		1/2
3/4	2,088.90	3/4	1,700.40	3/4	1,311.91	3/4	924.03	3/4	550.62	3/4	162.17	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 29054"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4		1/4	
1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2		1/2	
3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4		3/4	

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
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BARGE "KIRBY 29054"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

10 FT.			11 FT.			12 FT.			13 FT.			14 FT.			15 FT.			16 FT.			17 FT.			18 FT.			19 FT.					
IN			IN			IN			IN			IN			IN			IN			IN			IN			IN			IN		
0	2,310.29	0	1,949.01	0	1,587.73	0	1,226.46	0	865.97	0	504.71	0	143.45	0																		
1/4	2,302.76	1/4	1,941.48	1/4	1,580.21	1/4	1,218.93	1/4	858.44	1/4	497.18	1/4	135.92	1/4																		
1/2	2,295.23	1/2	1,933.96	1/2	1,572.68	1/2	1,211.40	1/2	850.92	1/2	489.66	1/2	128.39	1/2																		
3/4	2,287.71	3/4	1,926.43	3/4	1,565.15	3/4	1,203.88	3/4	843.39	3/4	482.13	3/4	120.87	3/4																		
1	2,280.18	1	1,918.90	1	1,557.63	1	1,196.35	1	835.87	1	474.60	1	113.34	1																		
1/4	2,272.65	1/4	1,911.38	1/4	1,550.10	1/4	1,188.82	1/4	828.34	1/4	467.08	1/4	105.81	1/4																		
1/2	2,265.13	1/2	1,903.85	1/2	1,542.57	1/2	1,181.30	1/2	820.81	1/2	459.55	1/2	98.29	1/2																		
3/4	2,257.60	3/4	1,896.32	3/4	1,535.05	3/4	1,173.77	3/4	813.29	3/4	452.02	3/4	90.76	3/4																		
2	2,250.07	2	1,888.80	2	1,527.52	2	1,166.24	2	805.76	2	444.50	2	83.24	2																		
1/4	2,242.55	1/4	1,881.27	1/4	1,519.99	1/4	1,158.72	1/4	798.23	1/4	436.97	1/4	75.71	1/4																		
1/2	2,235.02	1/2	1,873.74	1/2	1,512.47	1/2	1,151.19	1/2	790.71	1/2	429.45	1/2	68.18	1/2																		
3/4	2,227.50	3/4	1,866.22	3/4	1,504.94	3/4	1,143.66	3/4	783.18	3/4	421.92	3/4	60.66	3/4																		
3	2,219.97	3	1,858.69	3	1,497.41	3	1,136.14	3	775.66	3	414.39	3	54.07	3																		
1/4	2,212.44	1/4	1,851.17	1/4	1,489.89	1/4	1,128.61	1/4	768.13	1/4	406.87	1/4	47.48	1/4																		
1/2	2,204.92	1/2	1,843.64	1/2	1,482.36	1/2	1,121.08	1/2	760.60	1/2	399.34	1/2	40.90	1/2																		
3/4	2,197.39	3/4	1,836.11	3/4	1,474.84	3/4	1,113.56	3/4	753.08	3/4	391.81	3/4	34.31	3/4																		
4	2,189.86	4	1,828.59	4	1,467.31	4	1,106.06	4	745.55	4	384.29	4	29.61	4																		
1/4	2,182.34	1/4	1,821.06	1/4	1,459.78	1/4	1,098.55	1/4	738.02	1/4	376.76	1/4	24.90	1/4																		
1/2	2,174.81	1/2	1,813.53	1/2	1,452.26	1/2	1,091.05	1/2	730.50	1/2	369.24	1/2	20.20	1/2																		
3/4	2,167.28	3/4	1,806.01	3/4	1,444.73	3/4	1,083.55	3/4	722.97	3/4	361.71	3/4	15.50	3/4																		
5	2,159.76	5	1,798.48	5	1,437.20	5	1,076.05	5	715.45	5	354.18	5		5																		
1/4	2,152.23	1/4	1,790.95	1/4	1,429.68	1/4	1,068.55	1/4	707.92	1/4	346.66	1/4		1/4																		
1/2	2,144.70	1/2	1,783.43	1/2	1,422.15	1/2	1,061.05	1/2	700.39	1/2	339.13	1/2		1/2																		
3/4	2,137.18	3/4	1,775.90	3/4	1,414.62	3/4	1,053.54	3/4	692.87	3/4	331.60	3/4		3/4																		
6	2,129.65	6	1,768.37	6	1,407.10	6	1,046.04	6	685.34	6	324.08	6		6																		
1/4	2,122.12	1/4	1,760.85	1/4	1,399.57	1/4	1,038.54	1/4	677.81	1/4	316.55	1/4		1/4																		
1/2	2,114.60	1/2	1,753.32	1/2	1,392.04	1/2	1,031.04	1/2	670.29	1/2	309.03	1/2		1/2																		
3/4	2,107.07	3/4	1,745.79	3/4	1,384.52	3/4	1,023.54	3/4	662.76	3/4	301.50	3/4		3/4																		
7	2,099.54	7	1,738.27	7	1,376.99	7	1,016.03	7	655.23	7	293.97	7		7																		
1/4	2,092.02	1/4	1,730.74	1/4	1,369.46	1/4	1,008.53	1/4	647.71	1/4	286.45	1/4		1/4																		
1/2	2,084.49	1/2	1,723.21	1/2	1,361.94	1/2	1,001.03	1/2	640.18	1/2	278.92	1/2		1/2																		
3/4	2,076.96	3/4	1,715.69	3/4	1,354.41	3/4	993.53	3/4	632.66	3/4	271.39	3/4		3/4																		
8	2,069.44	8	1,708.16	8	1,346.88	8	986.03	8	625.13	8	263.87	8		8																		
1/4	2,061.91	1/4	1,700.63	1/4	1,339.36	1/4	978.52	1/4	617.60	1/4	256.34	1/4		1/4																		
1/2	2,054.38	1/2	1,693.11	1/2	1,331.83	1/2	971.02	1/2	610.08	1/2	248.81	1/2		1/2																		
3/4	2,046.86	3/4	1,685.58	3/4	1,324.30	3/4	963.52	3/4	602.55	3/4	241.29	3/4		3/4																		
9	2,039.33	9	1,678.05	9	1,316.78	9	956.02	9	595.02	9	233.76	9		9																		
1/4	2,031.80	1/4	1,670.53	1/4	1,309.25	1/4	948.52	1/4	587.50	1/4	226.24	1/4		1/4																		
1/2	2,024.28	1/2	1,663.00	1/2	1,301.72	1/2	941.01	1/2	579.97	1/2	218.71	1/2		1/2																		
3/4	2,016.75	3/4	1,655.47	3/4	1,294.20	3/4	933.51	3/4	572.45	3/4	211.18	3/4		3/4																		
10	2,009.22	10	1,647.95	10	1,286.67	10	926.01	10	564.92	10	203.66	10		10																		
1/4	2,001.70	1/4	1,640.42	1/4	1,279.14	1/4	918.51	1/4	557.39	1/4	196.13	1/4		1/4																		
1/2	1,994.17	1/2	1,632.89	1/2	1,271.62	1/2	911.01	1/2	549.87	1/2	188.60	1/2		1/2																		
3/4	1,986.64	3/4	1,625.37	3/4	1,264.09	3/4	903.51	3/4	542.34	3/4	181.08	3/4		3/4																		
11	1,979.12	11	1,617.84	11	1,256.56	11	896.00	11	534.81	11	173.55	11		11																		
1/4	1,971.59	1/4	1,610.31	1/4	1,249.04	1/4	888.50	1/4	527.29	1/4	166.03	1/4		1/4																		
1/2	1,964.06	1/2	1,602.79	1/2	1,241.51	1/2	881.00	1/2	519.76	1/2	158.50	1/2		1/2																		
3/4	1,956.54	3/4	1,595.26	3/4	1,233.98	3/4	873.50	3/4	512.24	3/4	150.97	3/4		3/4																		

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 29054"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0	4,472.70	0	4,216.64	0	3,947.74	0	3,666.38	0	3,371.88	0	3,016.40	0	2,656.05		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,467.45	1/4	4,211.18	1/4	3,941.99	1/4	3,660.39	1/4	3,365.05	1/4	3,008.89	1/4	2,648.54		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,462.21	1/2	4,205.73	1/2	3,936.24	1/2	3,654.39	1/2	3,358.23	1/2	3,001.38	1/2	2,641.03		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,456.96	3/4	4,200.27	3/4	3,930.49	3/4	3,648.40	3/4	3,351.40	3/4	2,993.88	3/4	2,633.52		
1		1		1		1	4,451.71	1	4,194.81	1	3,924.75	1	3,642.40	1	3,344.58	1	2,986.37	1	2,626.01		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,446.44	1/4	4,189.33	1/4	3,918.98	1/4	3,636.38	1/4	3,337.47	1/4	2,978.86	1/4	2,618.51		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,441.18	1/2	4,183.85	1/2	3,913.21	1/2	3,630.35	1/2	3,330.37	1/2	2,971.36	1/2	2,611.00		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,435.91	3/4	4,178.36	3/4	3,907.44	3/4	3,624.33	3/4	3,323.27	3/4	2,963.85	3/4	2,603.49		
2		2		2		2	4,430.64	2	4,172.88	2	3,901.68	2	3,618.31	2	3,316.16	2	2,956.34	2	2,595.98		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,425.35	1/4	4,167.38	1/4	3,895.89	1/4	3,612.27	1/4	3,308.78	1/4	2,948.84	1/4	2,588.47		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,420.06	1/2	4,161.88	1/2	3,890.11	1/2	3,606.23	1/2	3,301.40	1/2	2,941.33	1/2	2,580.97		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,414.77	3/4	4,156.38	3/4	3,884.32	3/4	3,600.19	3/4	3,294.02	3/4	2,933.82	3/4	2,573.46		
3		3		3		3	4,409.48	3	4,150.88	3	3,878.53	3	3,594.15	3	3,286.64	3	2,926.31	3	2,565.95		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,404.20	1/4	4,145.32	1/4	3,872.72	1/4	3,588.10	1/4	3,279.13	1/4	2,918.81	1/4	2,558.44		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,398.93	1/2	4,139.76	1/2	3,866.91	1/2	3,582.04	1/2	3,271.63	1/2	2,911.30	1/2	2,550.93		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,393.66	3/4	4,134.21	3/4	3,861.10	3/4	3,575.98	3/4	3,264.12	3/4	2,903.79	3/4	2,543.43		
4		4		4		4	4,388.38	4	4,128.65	4	3,855.29	4	3,569.92	4	3,256.61	4	2,896.29	4	2,535.92		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,383.09	1/4	4,123.07	1/4	3,849.46	1/4	3,563.84	1/4	3,249.11	1/4	2,888.78	1/4	2,528.41		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,377.80	1/2	4,117.49	1/2	3,843.64	1/2	3,557.75	1/2	3,241.60	1/2	2,881.27	1/2	2,520.90		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,372.51	3/4	4,111.91	3/4	3,837.81	3/4	3,551.67	3/4	3,234.09	3/4	2,873.77	3/4	2,513.39		
5		5		5		5	4,367.21	5	4,106.33	5	3,831.98	5	3,545.58	5	3,226.59	5	2,866.26	5	2,505.89		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,361.90	1/4	4,100.73	1/4	3,826.12	1/4	3,539.48	1/4	3,219.08	1/4	2,858.75	1/4	2,498.38		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,356.58	1/2	4,095.13	1/2	3,820.27	1/2	3,533.38	1/2	3,211.57	1/2	2,851.25	1/2	2,490.87		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,351.27	3/4	4,089.53	3/4	3,814.41	3/4	3,527.28	3/4	3,204.07	3/4	2,843.74	3/4	2,483.36		
6		6		6		6	4,345.95	6	4,083.93	6	3,808.56	6	3,521.18	6	3,196.56	6	2,836.23	6	2,475.85		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,340.62	1/4	4,078.30	1/4	3,802.69	1/4	3,515.06	1/4	3,189.05	1/4	2,828.73	1/4	2,468.35		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,600.92	1/2	4,335.28	1/2	4,072.67	1/2	3,796.81	1/2	3,508.94	1/2	3,181.55	1/2	2,821.22	1/2	2,460.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,596.32	3/4	4,329.95	3/4	4,067.05	3/4	3,790.94	3/4	3,502.82	3/4	3,174.04	3/4	2,813.71	3/4	2,453.34
7		7		7		7	4,591.72	7	4,324.61	7	4,061.42	7	3,785.07	7	3,496.70	7	3,166.53	7	2,806.21	7	2,445.84
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,585.59	1/4	4,319.25	1/4	4,055.78	1/4	3,779.18	1/4	3,490.57	1/4	3,159.03	1/4	2,798.70	1/4	2,438.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,579.46	1/2	4,313.89	1/2	4,050.14	1/2	3,773.29	1/2	3,484.44	1/2	3,151.52	1/2	2,791.19	1/2	2,430.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,573.33	3/4	4,308.53	3/4	4,044.49	3/4	3,767.40	3/4	3,478.31	3/4	3,144.01	3/4	2,783.68	3/4	2,423.32
8		8		8		8	4,567.20	8	4,303.17	8	4,038.85	8	3,761.51	8	3,472.18	8	3,136.51	8	2,776.17	8	2,415.82
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,561.07	1/4	4,297.79	1/4	4,033.19	1/4	3,755.59	1/4	3,466.05	1/4	3,129.00	1/4	2,768.67	1/4	2,408.31
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,554.93	1/2	4,292.42	1/2	4,027.53	1/2	3,749.67	1/2	3,459.92	1/2	3,121.49	1/2	2,761.16	1/2	2,400.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,548.80	3/4	4,287.04	3/4	4,021.87	3/4	3,743.76	3/4	3,453.79	3/4	3,113.98	3/4	2,753.65	3/4	2,393.31
9		9		9		9	4,542.67	9	4,281.66	9	4,016.20	9	3,737.84	9	3,447.66	9	3,106.48	9	2,746.14	9	2,385.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,536.54	1/4	4,276.27	1/4	4,010.52	1/4	3,731.91	1/4	3,441.53	1/4	3,098.97	1/4	2,738.63	1/4	2,378.30
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,530.41	1/2	4,270.87	1/2	4,004.83	1/2	3,725.97	1/2	3,435.40	1/2	3,091.46	1/2	2,731.13	1/2	2,370.79
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,524.28	3/4	4,265.48	3/4	3,999.14	3/4	3,720.04	3/4	3,429.27	3/4	3,083.96	3/4	2,723.62	3/4	2,363.29
10		10		10		10	4,518.15	10	4,260.08	10	3,993.45	10	3,714.11	10	3,423.14	10	3,076.45	10	2,716.11	10	2,355.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,512.02	1/4	4,254.66	1/4	3,987.75	1/4	3,708.15	1/4	3,416.87	1/4	3,068.94	1/4	2,708.60	1/4	2,348.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,505.89	1/2	4,249.24	1/2	3,982.04	1/2	3,702.20	1/2	3,410.60	1/2	3,061.44	1/2	2,701.09	1/2	2,340.77
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,499.75	3/4	4,243.82	3/4	3,976.34	3/4	3,696.25	3/4	3,404.34	3/4	3,053.93	3/4	2,693.59	3/4	2,333.27
11		11		11		11	4,493.62	11	4,238.40	11	3,970.64	11	3,690.29	11	3,398.07	11	3,046.42	11	2,686.08	11	2,325.77
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,488.39	1/4	4,232.96	1/4	3,964.91	1/4	3,684.32	1/4	3,391.52	1/4	3,038.92	1/4	2,678.57	1/4	2,318.26
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,483.16	1/2	4,227.52	1/2	3,959.19	1/2	3,678.34	1/2	3,384.97	1/2	3,031.41	1/2	2,671.06	1/2	2,310.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,477.93	3/4	4,222.08	3/4	3,953.46	3/4	3,672.36	3/4	3,378.43	3/4	3,023.90	3/4	2,663.55	3/4	2,303.25

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.
 CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.
 CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.
 CAPACITY TABLE ONLY APPLIES TO ULLAGE GAUGES TAKEN WITH "HERMETIC" CLOSED GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 41'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
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BARGE "KIRBY 29054"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	2,295.75	0	1,936.64	0	1,578.05	0	1,217.63	0	863.97	0	511.17	0	150.88	0		0		0	
1/4	2,288.24	1/4	1,929.19	1/4	1,570.54	1/4	1,210.25	1/4	856.60	1/4	503.73	1/4	143.35	1/4	1/4		1/4		1/4
1/2	2,280.73	1/2	1,921.75	1/2	1,563.03	1/2	1,202.88	1/2	849.23	1/2	496.29	1/2	135.83	1/2	1/2		1/2		1/2
3/4	2,273.22	3/4	1,914.31	3/4	1,555.53	3/4	1,195.51	3/4	841.85	3/4	488.85	3/4	128.31	3/4	3/4		3/4		3/4
1	2,265.71	1	1,906.86	1	1,548.02	1	1,188.14	1	834.48	1	481.40	1	120.79	1	1		1		1
1/4	2,258.20	1/4	1,899.42	1/4	1,540.51	1/4	1,180.76	1/4	827.11	1/4	473.89	1/4	113.27	1/4	1/4		1/4		1/4
1/2	2,250.69	1/2	1,891.98	1/2	1,533.00	1/2	1,173.39	1/2	819.74	1/2	466.38	1/2	105.75	1/2	1/2		1/2		1/2
3/4	2,243.19	3/4	1,884.54	3/4	1,525.49	3/4	1,166.02	3/4	812.38	3/4	458.87	3/4	98.22	3/4	3/4		3/4		3/4
2	2,235.68	2	1,877.09	2	1,517.98	2	1,158.65	2	805.01	2	451.36	2	90.70	2	2		2		2
1/4	2,228.17	1/4	1,869.65	1/4	1,510.47	1/4	1,151.27	1/4	797.65	1/4	443.85	1/4	83.18	1/4	1/4		1/4		1/4
1/2	2,220.66	1/2	1,862.21	1/2	1,502.96	1/2	1,143.90	1/2	790.30	1/2	436.34	1/2	75.66	1/2	1/2		1/2		1/2
3/4	2,213.15	3/4	1,854.76	3/4	1,495.45	3/4	1,136.53	3/4	782.95	3/4	428.84	3/4	68.14	3/4	3/4		3/4		3/4
3	2,205.64	3	1,847.32	3	1,487.95	3	1,129.16	3	775.60	3	421.33	3	60.62	3	3		3		3
1/4	2,198.13	1/4	1,839.88	1/4	1,480.44	1/4	1,121.78	1/4	768.26	1/4	413.82	1/4	54.03	1/4	1/4		1/4		1/4
1/2	2,190.62	1/2	1,832.43	1/2	1,472.93	1/2	1,114.41	1/2	760.92	1/2	406.31	1/2	47.45	1/2	1/2		1/2		1/2
3/4	2,183.11	3/4	1,824.99	3/4	1,465.42	3/4	1,107.04	3/4	753.58	3/4	398.80	3/4	40.87	3/4	3/4		3/4		3/4
4	2,175.61	4	1,817.55	4	1,457.91	4	1,099.67	4	746.24	4	391.29	4	34.29	4	4		4		4
1/4	2,168.10	1/4	1,810.10	1/4	1,450.40	1/4	1,092.30	1/4	738.90	1/4	383.78	1/4	29.59	1/4	1/4		1/4		1/4
1/2	2,160.59	1/2	1,802.66	1/2	1,442.89	1/2	1,084.93	1/2	731.56	1/2	376.27	1/2	24.89	1/2	1/2		1/2		1/2
3/4	2,153.08	3/4	1,795.22	3/4	1,435.38	3/4	1,077.57	3/4	724.22	3/4	368.76	3/4	20.19	3/4	3/4		3/4		3/4
5	2,145.57	5	1,787.78	5	1,427.87	5	1,070.20	5	716.88	5	361.25	5	15.49	5	5		5		5
1/4	2,138.06	1/4	1,780.33	1/4	1,420.37	1/4	1,062.84	1/4	709.54	1/4	353.74	1/4		1/4	1/4		1/4		1/4
1/2	2,130.55	1/2	1,772.89	1/2	1,412.86	1/2	1,055.47	1/2	702.20	1/2	346.23	1/2		1/2	1/2		1/2		1/2
3/4	2,123.04	3/4	1,765.45	3/4	1,405.35	3/4	1,048.11	3/4	694.86	3/4	338.72	3/4		3/4	3/4		3/4		3/4
6	2,115.53	6	1,758.00	6	1,397.84	6	1,040.74	6	687.52	6	331.21	6		6	6		6		6
1/4	2,108.03	1/4	1,750.56	1/4	1,390.33	1/4	1,033.38	1/4	680.18	1/4	323.70	1/4		1/4	1/4		1/4		1/4
1/2	2,100.52	1/2	1,743.12	1/2	1,382.82	1/2	1,026.01	1/2	672.84	1/2	316.19	1/2		1/2	1/2		1/2		1/2
3/4	2,093.01	3/4	1,735.67	3/4	1,375.31	3/4	1,018.64	3/4	665.50	3/4	308.68	3/4		3/4	3/4		3/4		3/4
7	2,085.50	7	1,728.23	7	1,367.80	7	1,011.28	7	658.16	7	301.17	7		7	7		7		7
1/4	2,078.06	1/4	1,720.72	1/4	1,360.29	1/4	1,003.91	1/4	650.82	1/4	293.66	1/4		1/4	1/4		1/4		1/4
1/2	2,070.61	1/2	1,713.21	1/2	1,352.79	1/2	996.55	1/2	643.47	1/2	286.15	1/2		1/2	1/2		1/2		1/2
3/4	2,063.17	3/4	1,705.70	3/4	1,345.28	3/4	989.18	3/4	636.13	3/4	278.64	3/4		3/4	3/4		3/4		3/4
8	2,055.73	8	1,698.19	8	1,337.77	8	981.82	8	628.79	8	271.13	8		8	8		8		8
1/4	2,048.28	1/4	1,690.69	1/4	1,330.26	1/4	974.45	1/4	621.45	1/4	263.62	1/4		1/4	1/4		1/4		1/4
1/2	2,040.84	1/2	1,683.18	1/2	1,322.75	1/2	967.09	1/2	614.11	1/2	256.11	1/2		1/2	1/2		1/2		1/2
3/4	2,033.40	3/4	1,675.67	3/4	1,315.24	3/4	959.72	3/4	606.77	3/4	248.60	3/4		3/4	3/4		3/4		3/4
9	2,025.95	9	1,668.16	9	1,307.73	9	952.36	9	599.43	9	241.09	9		9	9		9		9
1/4	2,018.51	1/4	1,660.65	1/4	1,300.22	1/4	944.99	1/4	592.09	1/4	233.58	1/4		1/4	1/4		1/4		1/4
1/2	2,011.07	1/2	1,653.14	1/2	1,292.71	1/2	937.62	1/2	584.75	1/2	226.07	1/2		1/2	1/2		1/2		1/2
3/4	2,003.63	3/4	1,645.63	3/4	1,285.21	3/4	930.26	3/4	577.41	3/4	218.56	3/4		3/4	3/4		3/4		3/4
10	1,996.18	10	1,638.12	10	1,277.70	10	922.89	10	570.07	10	211.05	10		10	10		10		10
1/4	1,988.74	1/4	1,630.61	1/4	1,270.19	1/4	915.53	1/4	562.71	1/4	203.53	1/4		1/4	1/4		1/4		1/4
1/2	1,981.30	1/2	1,623.11	1/2	1,262.68	1/2	908.16	1/2	555.36	1/2	196.00	1/2		1/2	1/2		1/2		1/2
3/4	1,973.85	3/4	1,615.60	3/4	1,255.17	3/4	900.80	3/4	548.00	3/4	188.48	3/4		3/4	3/4		3/4		3/4
11	1,966.41	11	1,608.09	11	1,247.66	11	893.43	11	540.65	11	180.96	11		11	11		11		11
1/4	1,958.97	1/4	1,600.58	1/4	1,240.15	1/4	886.07	1/4	533.28	1/4	173.44	1/4		1/4	1/4		1/4		1/4
1/2	1,951.52	1/2	1,593.07	1/2	1,232.64	1/2	878.70	1/2	525.91	1/2	165.92	1/2		1/2	1/2		1/2		1/2
3/4	1,944.08	3/4	1,585.56	3/4	1,225.13	3/4	871.33	3/4	518.54	3/4	158.40	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 03/15/2013 SW
CALCULATED: 03/17/2013 CL
VERIFIED: 06/30/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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