



# BARGE "KIRBY 28058"

## 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	- 00-3/4	00-3/4	- 00-7/8	00-7/8
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	- 00-3/4	00-3/4	- 00-7/8	00-7/8
3 PORT	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 STBD	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-09"

September 6, 2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092  
 Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 28058"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4
11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2	1/2
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4	3/4

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 37'-03" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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# BARGE "KIRBY 28058"

## 1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05"

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	
0	1,978.68	0	1,647.23	0	1,315.78	0	984.67	0	668.40	0	375.22	0	105.63	0		0		0	
1/4	1,971.78	1/4	1,640.33	1/4	1,308.88	1/4	977.84	1/4	662.07	1/4	369.38	1/4	100.28	1/4	1/4		1/4		1/4
1/2	1,964.87	1/2	1,633.42	1/2	1,301.97	1/2	971.02	1/2	655.73	1/2	363.53	1/2	94.93	1/2	1/2		1/2		1/2
3/4	1,957.97	3/4	1,626.52	3/4	1,295.07	3/4	964.20	3/4	649.40	3/4	357.69	3/4	89.58	3/4	3/4		3/4		3/4
1	1,951.06	1	1,619.61	1	1,288.16	1	957.37	1	643.06	1	351.85	1	84.23	1	1		1		1
1/4	1,944.16	1/4	1,612.71	1/4	1,281.26	1/4	950.60	1/4	636.77	1/4	346.05	1/4	78.93	1/4	1/4		1/4		1/4
1/2	1,937.25	1/2	1,605.80	1/2	1,274.35	1/2	943.84	1/2	630.48	1/2	340.25	1/2	73.62	1/2	1/2		1/2		1/2
3/4	1,930.35	3/4	1,598.90	3/4	1,267.45	3/4	937.07	3/4	624.19	3/4	334.45	3/4	68.32	3/4	3/4		3/4		3/4
2	1,923.44	2	1,591.99	2	1,260.54	2	930.30	2	617.90	2	328.65	2	63.01	2	2		2		2
1/4	1,916.54	1/4	1,585.09	1/4	1,253.64	1/4	923.57	1/4	611.65	1/4	322.89	1/4	57.75	1/4	1/4		1/4		1/4
1/2	1,909.63	1/2	1,578.18	1/2	1,246.73	1/2	916.85	1/2	605.39	1/2	317.13	1/2	52.48	1/2	1/2		1/2		1/2
3/4	1,902.72	3/4	1,571.28	3/4	1,239.83	3/4	910.12	3/4	599.14	3/4	311.37	3/4	47.21	3/4	3/4		3/4		3/4
3	1,895.82	3	1,564.37	3	1,232.92	3	903.39	3	592.89	3	305.61	3	41.95	3	3		3		3
1/4	1,888.91	1/4	1,557.46	1/4	1,226.02	1/4	896.71	1/4	586.68	1/4	299.89	1/4	37.59	1/4	1/4		1/4		1/4
1/2	1,882.01	1/2	1,550.56	1/2	1,219.11	1/2	890.02	1/2	580.47	1/2	294.17	1/2	33.23	1/2	1/2		1/2		1/2
3/4	1,875.10	3/4	1,543.65	3/4	1,212.20	3/4	883.34	3/4	574.26	3/4	288.45	3/4	28.87	3/4	3/4		3/4		3/4
4	1,868.20	4	1,536.75	4	1,205.30	4	876.65	4	568.05	4	282.74	4	24.51	4	4		4		4
1/4	1,861.29	1/4	1,529.84	1/4	1,198.39	1/4	870.00	1/4	561.88	1/4	277.06	1/4	21.92	1/4	1/4		1/4		1/4
1/2	1,854.39	1/2	1,522.94	1/2	1,191.49	1/2	863.36	1/2	555.71	1/2	271.38	1/2	19.32	1/2	1/2		1/2		1/2
3/4	1,847.48	3/4	1,516.03	3/4	1,184.58	3/4	856.71	3/4	549.54	3/4	265.70	3/4	16.73	3/4	3/4		3/4		3/4
5	1,840.58	5	1,509.13	5	1,177.68	5	850.07	5	543.37	5	260.02	5	14.13	5	5		5		5
1/4	1,833.67	1/4	1,502.22	1/4	1,170.77	1/4	843.46	1/4	537.24	1/4	254.38	1/4		1/4	1/4		1/4		1/4
1/2	1,826.77	1/2	1,495.32	1/2	1,163.87	1/2	836.86	1/2	531.12	1/2	248.75	1/2		1/2	1/2		1/2		1/2
3/4	1,819.86	3/4	1,488.41	3/4	1,156.96	3/4	830.26	3/4	524.99	3/4	243.11	3/4		3/4	3/4		3/4		3/4
6	1,812.96	6	1,481.51	6	1,150.06	6	823.65	6	518.86	6	237.48	6		6	6		6		6
1/4	1,806.05	1/4	1,474.60	1/4	1,143.15	1/4	817.09	1/4	512.77	1/4	231.88	1/4		1/4	1/4		1/4		1/4
1/2	1,799.15	1/2	1,467.70	1/2	1,136.25	1/2	810.52	1/2	506.68	1/2	226.28	1/2		1/2	1/2		1/2		1/2
3/4	1,792.24	3/4	1,460.79	3/4	1,129.34	3/4	803.96	3/4	500.60	3/4	220.69	3/4		3/4	3/4		3/4		3/4
7	1,785.34	7	1,453.89	7	1,122.44	7	797.40	7	494.51	7	215.09	7		7	7		7		7
1/4	1,778.43	1/4	1,446.98	1/4	1,115.53	1/4	790.87	1/4	488.46	1/4	209.53	1/4		1/4	1/4		1/4		1/4
1/2	1,771.53	1/2	1,440.08	1/2	1,108.63	1/2	784.35	1/2	482.42	1/2	203.98	1/2		1/2	1/2		1/2		1/2
3/4	1,764.62	3/4	1,433.17	3/4	1,101.72	3/4	777.83	3/4	476.37	3/4	198.43	3/4		3/4	3/4		3/4		3/4
8	1,757.72	8	1,426.27	8	1,094.82	8	771.31	8	470.32	8	192.88	8		8	8		8		8
1/4	1,750.81	1/4	1,419.36	1/4	1,087.91	1/4	764.83	1/4	464.32	1/4	187.36	1/4		1/4	1/4		1/4		1/4
1/2	1,743.91	1/2	1,412.46	1/2	1,081.01	1/2	758.35	1/2	458.31	1/2	181.84	1/2		1/2	1/2		1/2		1/2
3/4	1,737.00	3/4	1,405.55	3/4	1,074.10	3/4	751.86	3/4	452.31	3/4	176.33	3/4		3/4	3/4		3/4		3/4
9	1,730.09	9	1,398.65	9	1,067.20	9	745.38	9	446.30	9	170.81	9		9	9		9		9
1/4	1,723.19	1/4	1,391.74	1/4	1,060.30	1/4	738.93	1/4	440.34	1/4	165.34	1/4		1/4	1/4		1/4		1/4
1/2	1,716.28	1/2	1,384.83	1/2	1,053.41	1/2	732.47	1/2	434.37	1/2	159.87	1/2		1/2	1/2		1/2		1/2
3/4	1,709.38	3/4	1,377.93	3/4	1,046.51	3/4	726.01	3/4	428.41	3/4	154.40	3/4		3/4	3/4		3/4		3/4
10	1,702.47	10	1,371.02	10	1,039.62	10	719.56	10	422.44	10	148.93	10		10	10		10		10
1/4	1,695.57	1/4	1,364.12	1/4	1,032.74	1/4	713.14	1/4	416.52	1/4	143.49	1/4		1/4	1/4		1/4		1/4
1/2	1,688.66	1/2	1,357.21	1/2	1,025.85	1/2	706.73	1/2	410.60	1/2	138.06	1/2		1/2	1/2		1/2		1/2
3/4	1,681.76	3/4	1,350.31	3/4	1,018.97	3/4	700.31	3/4	404.67	3/4	132.62	3/4		3/4	3/4		3/4		3/4
11	1,674.85	11	1,343.40	11	1,012.09	11	693.90	11	398.75	11	127.18	11		11	11		11		11
1/4	1,667.95	1/4	1,336.50	1/4	1,005.24	1/4	687.52	1/4	392.86	1/4	121.80	1/4		1/4	1/4		1/4		1/4
1/2	1,661.04	1/2	1,329.59	1/2	998.38	1/2	681.15	1/2	386.98	1/2	116.41	1/2		1/2	1/2		1/2		1/2
3/4	1,654.14	3/4	1,322.69	3/4	991.52	3/4	674.77	3/4	381.10	3/4	111.02	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 28058"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	4,214.77	0	3,926.34	0	3,623.69	0	3,307.09	0	2,978.07	0	2,646.68	0	2,315.26
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,208.88	1/4	3,920.21	1/4	3,617.24	1/4	3,300.35	1/4	2,971.16	1/4	2,639.77	1/4	2,308.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,202.97	1/2	3,914.05	1/2	3,610.77	1/2	3,293.60	1/2	2,964.26	1/2	2,632.87	1/2	2,301.45
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,197.06	3/4	3,907.90	3/4	3,604.30	3/4	3,286.85	3/4	2,957.36	3/4	2,625.96	3/4	2,294.54
1		1		1		1	4,191.15	1	3,901.74	1	3,597.82	1	3,280.09	1	2,950.45	1	2,619.06	1	2,287.64
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,185.24	1/4	3,895.58	1/4	3,591.35	1/4	3,273.34	1/4	2,943.55	1/4	2,612.16	1/4	2,280.73
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,179.31	1/2	3,889.40	1/2	3,584.85	1/2	3,266.56	1/2	2,936.64	1/2	2,605.25	1/2	2,273.83
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,173.37	3/4	3,883.22	3/4	3,578.36	3/4	3,259.77	3/4	2,929.74	3/4	2,598.35	3/4	2,266.92
2		2		2		2	4,167.44	2	3,877.04	2	3,571.86	2	3,252.99	2	2,922.84	2	2,591.44	2	2,260.02
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,161.51	1/4	3,870.86	1/4	3,565.37	1/4	3,246.21	1/4	2,915.93	1/4	2,584.54	1/4	2,253.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,155.55	1/2	3,864.65	1/2	3,558.85	1/2	3,239.41	1/2	2,909.03	1/2	2,577.64	1/2	2,246.21
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,149.59	3/4	3,858.45	3/4	3,552.33	3/4	3,232.60	3/4	2,902.12	3/4	2,570.73	3/4	2,239.30
3		3		3		3	4,143.63	3	3,852.25	3	3,545.81	3	3,225.80	3	2,895.22	3	2,563.83	3	2,232.40
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,137.67	1/4	3,846.04	1/4	3,539.30	1/4	3,219.00	1/4	2,888.32	1/4	2,556.92	1/4	2,225.49
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,131.73	1/2	3,839.78	1/2	3,532.75	1/2	3,212.18	1/2	2,881.41	1/2	2,550.02	1/2	2,218.59
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,125.78	3/4	3,833.52	3/4	3,526.21	3/4	3,205.35	3/4	2,874.51	3/4	2,543.12	3/4	2,211.68
4		4		4		4	4,119.83	4	3,827.26	4	3,519.67	4	3,198.53	4	2,867.60	4	2,536.21	4	2,204.78
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,113.89	1/4	3,821.01	1/4	3,513.12	1/4	3,191.71	1/4	2,860.70	1/4	2,529.31	1/4	2,197.87
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,107.92	1/2	3,814.72	1/2	3,506.56	1/2	3,184.86	1/2	2,853.80	1/2	2,522.40	1/2	2,190.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,101.95	3/4	3,808.43	3/4	3,499.99	3/4	3,178.00	3/4	2,846.89	3/4	2,515.50	3/4	2,184.06
5		5		5		5	4,095.98	5	3,802.15	5	3,493.43	5	3,171.15	5	2,839.99	5	2,508.60	5	2,177.16
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,090.01	1/4	3,795.86	1/4	3,486.86	1/4	3,164.30	1/4	2,833.08	1/4	2,501.69	1/4	2,170.25
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,084.02	1/2	3,789.56	1/2	3,480.27	1/2	3,157.43	1/2	2,826.18	1/2	2,494.79	1/2	2,163.35
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,078.02	3/4	3,783.25	3/4	3,473.67	3/4	3,150.56	3/4	2,819.28	3/4	2,487.88	3/4	2,156.44
6		6		6		6	4,072.03	6	3,776.94	6	3,467.08	6	3,143.68	6	2,812.37	6	2,480.98	6	2,149.54
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,066.03	1/4	3,770.63	1/4	3,460.48	1/4	3,136.81	1/4	2,805.47	1/4	2,474.08	1/4	2,142.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,060.02	1/2	3,764.30	1/2	3,453.87	1/2	3,129.92	1/2	2,798.56	1/2	2,467.17	1/2	2,135.72
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.29	3/4	4,054.00	3/4	3,757.96	3/4	3,447.26	3/4	3,123.03	3/4	2,791.66	3/4	2,460.27
7		7		7		7	4,348.11	7	4,047.98	7	3,751.62	7	3,440.64	7	3,116.14	7	2,784.76	7	2,453.36
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,342.93	1/4	4,041.97	1/4	3,745.29	1/4	3,434.03	1/4	3,109.24	1/4	2,777.85	1/4	2,446.46
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,336.02	1/2	4,035.92	1/2	3,738.93	1/2	3,427.40	1/2	3,102.34	1/2	2,770.95	1/2	2,439.55
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,329.12	3/4	4,029.88	3/4	3,732.58	3/4	3,420.76	3/4	3,095.43	3/4	2,764.04	3/4	2,432.65
8		8		8		8	4,322.21	8	4,023.83	8	3,726.22	8	3,414.12	8	3,088.53	8	2,757.14	8	2,425.74
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,315.31	1/4	4,017.79	1/4	3,719.87	1/4	3,407.49	1/4	3,081.63	1/4	2,750.24	1/4	2,418.84
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,308.40	1/2	4,011.72	1/2	3,713.49	1/2	3,400.83	1/2	3,074.72	1/2	2,743.33	1/2	2,411.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,301.50	3/4	4,005.66	3/4	3,707.11	3/4	3,394.16	3/4	3,067.82	3/4	2,736.43	3/4	2,405.03
9		9		9		9	4,294.59	9	3,999.60	9	3,700.73	9	3,387.50	9	3,060.91	9	2,729.52	9	2,398.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,287.69	1/4	3,993.53	1/4	3,694.36	1/4	3,380.84	1/4	3,054.01	1/4	2,722.62	1/4	2,391.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,280.78	1/2	3,987.45	1/2	3,687.95	1/2	3,374.15	1/2	3,047.11	1/2	2,715.72	1/2	2,384.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,273.88	3/4	3,981.36	3/4	3,681.55	3/4	3,367.47	3/4	3,040.20	3/4	2,708.81	3/4	2,377.41
10		10		10		10	4,266.97	10	3,975.28	10	3,675.14	10	3,360.79	10	3,033.30	10	2,701.91	10	2,370.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,260.07	1/4	3,969.19	1/4	3,668.73	1/4	3,354.10	1/4	3,026.39	1/4	2,695.00	1/4	2,363.60
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,253.16	1/2	3,963.08	1/2	3,662.31	1/2	3,347.40	1/2	3,019.49	1/2	2,688.10	1/2	2,356.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,246.26	3/4	3,956.97	3/4	3,655.88	3/4	3,340.69	3/4	3,012.59	3/4	2,681.20	3/4	2,349.79
11		11		11		11	4,239.35	11	3,950.85	11	3,649.46	11	3,333.99	11	3,005.68	11	2,674.29	11	2,342.88
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,232.45	1/4	3,944.74	1/4	3,643.03	1/4	3,327.28	1/4	2,998.78	1/4	2,667.39	1/4	2,335.98
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,226.55	1/2	3,938.61	1/2	3,636.59	1/2	3,320.55	1/2	2,991.87	1/2	2,660.48	1/2	2,329.07
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,220.66	3/4	3,932.47	3/4	3,630.14	3/4	3,313.82	3/4	2,984.97	3/4	2,653.58	3/4	2,322.17

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 37'-03" 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 28058"

## 1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	1,983.81	0	1,652.36	0	1,320.91	0	989.84	0	674.76	0	381.09	0	111.02	0		0		0	
1/4	1,976.91	1/4	1,645.46	1/4	1,314.01	1/4	983.01	1/4	668.39	1/4	375.21	1/4	105.63	1/4	1/4		1/4		1/4
1/2	1,970.00	1/2	1,638.55	1/2	1,307.10	1/2	976.22	1/2	662.05	1/2	369.37	1/2	100.28	1/2	1/2		1/2		1/2
3/4	1,963.09	3/4	1,631.65	3/4	1,300.20	3/4	969.43	3/4	655.72	3/4	363.53	3/4	94.93	3/4	3/4		3/4		3/4
1	1,956.19	1	1,624.74	1	1,293.29	1	962.65	1	649.39	1	357.68	1	89.58	1	1		1		1
1/4	1,949.28	1/4	1,617.83	1/4	1,286.39	1/4	955.86	1/4	643.05	1/4	351.84	1/4	84.23	1/4	1/4		1/4		1/4
1/2	1,942.38	1/2	1,610.93	1/2	1,279.48	1/2	949.13	1/2	636.76	1/2	346.04	1/2	78.93	1/2	1/2		1/2		1/2
3/4	1,935.47	3/4	1,604.02	3/4	1,272.58	3/4	942.40	3/4	630.47	3/4	340.24	3/4	73.62	3/4	3/4		3/4		3/4
2	1,928.57	2	1,597.12	2	1,265.67	2	935.67	2	624.18	2	334.44	2	68.32	2	2		2		2
1/4	1,921.66	1/4	1,590.21	1/4	1,258.76	1/4	928.94	1/4	617.89	1/4	328.64	1/4	63.01	1/4	1/4		1/4		1/4
1/2	1,914.76	1/2	1,583.31	1/2	1,251.86	1/2	922.25	1/2	611.63	1/2	322.88	1/2	57.75	1/2	1/2		1/2		1/2
3/4	1,907.85	3/4	1,576.40	3/4	1,244.95	3/4	915.57	3/4	605.38	3/4	317.12	3/4	52.48	3/4	3/4		3/4		3/4
3	1,900.95	3	1,569.50	3	1,238.05	3	908.88	3	599.13	3	311.36	3	47.21	3	3		3		3
1/4	1,894.04	1/4	1,562.59	1/4	1,231.14	1/4	902.19	1/4	592.88	1/4	305.60	1/4	41.94	1/4	1/4		1/4		1/4
1/2	1,887.14	1/2	1,555.69	1/2	1,224.24	1/2	895.54	1/2	586.67	1/2	299.88	1/2	37.59	1/2	1/2		1/2		1/2
3/4	1,880.23	3/4	1,548.78	3/4	1,217.33	3/4	888.89	3/4	580.46	3/4	294.17	3/4	33.23	3/4	3/4		3/4		3/4
4	1,873.33	4	1,541.88	4	1,210.43	4	882.25	4	574.25	4	288.45	4	28.87	4	4		4		4
1/4	1,866.42	1/4	1,534.97	1/4	1,203.52	1/4	875.60	1/4	568.04	1/4	282.73	1/4	24.51	1/4	1/4		1/4		1/4
1/2	1,859.52	1/2	1,528.07	1/2	1,196.62	1/2	868.99	1/2	561.87	1/2	277.05	1/2	21.92	1/2	1/2		1/2		1/2
3/4	1,852.61	3/4	1,521.16	3/4	1,189.71	3/4	862.39	3/4	555.70	3/4	271.37	3/4	19.32	3/4	3/4		3/4		3/4
5	1,845.71	5	1,514.26	5	1,182.81	5	855.78	5	549.53	5	265.69	5	16.73	5	5		5		5
1/4	1,838.80	1/4	1,507.35	1/4	1,175.90	1/4	849.17	1/4	543.36	1/4	260.01	1/4	14.13	1/4	1/4		1/4		1/4
1/2	1,831.90	1/2	1,500.45	1/2	1,169.00	1/2	842.61	1/2	537.23	1/2	254.38	1/2		1/2	1/2		1/2		1/2
3/4	1,824.99	3/4	1,493.54	3/4	1,162.09	3/4	836.04	3/4	531.11	3/4	248.74	3/4		3/4	3/4		3/4		3/4
6	1,818.09	6	1,486.64	6	1,155.19	6	829.48	6	524.98	6	243.11	6		6	6		6		6
1/4	1,811.18	1/4	1,479.73	1/4	1,148.28	1/4	822.91	1/4	518.85	1/4	237.47	1/4		1/4	1/4		1/4		1/4
1/2	1,804.28	1/2	1,472.83	1/2	1,141.38	1/2	816.39	1/2	512.76	1/2	231.88	1/2		1/2	1/2		1/2		1/2
3/4	1,797.37	3/4	1,465.92	3/4	1,134.47	3/4	809.86	3/4	506.67	3/4	226.28	3/4		3/4	3/4		3/4		3/4
7	1,790.46	7	1,459.02	7	1,127.57	7	803.34	7	500.59	7	220.68	7		7	7		7		7
1/4	1,783.56	1/4	1,452.11	1/4	1,120.66	1/4	796.81	1/4	494.50	1/4	215.08	1/4		1/4	1/4		1/4		1/4
1/2	1,776.65	1/2	1,445.20	1/2	1,113.76	1/2	790.33	1/2	488.45	1/2	209.53	1/2		1/2	1/2		1/2		1/2
3/4	1,769.75	3/4	1,438.30	3/4	1,106.85	3/4	783.85	3/4	482.41	3/4	203.98	3/4		3/4	3/4		3/4		3/4
8	1,762.84	8	1,431.39	8	1,099.95	8	777.36	8	476.36	8	198.42	8		8	8		8		8
1/4	1,755.94	1/4	1,424.49	1/4	1,093.04	1/4	770.88	1/4	470.32	1/4	192.87	1/4		1/4	1/4		1/4		1/4
1/2	1,749.03	1/2	1,417.58	1/2	1,086.14	1/2	764.44	1/2	464.31	1/2	187.35	1/2		1/2	1/2		1/2		1/2
3/4	1,742.13	3/4	1,410.68	3/4	1,079.23	3/4	757.99	3/4	458.30	3/4	181.84	3/4		3/4	3/4		3/4		3/4
9	1,735.22	9	1,403.77	9	1,072.33	9	751.55	9	452.30	9	176.32	9		9	9		9		9
1/4	1,728.32	1/4	1,396.87	1/4	1,065.42	1/4	745.10	1/4	446.29	1/4	170.81	1/4		1/4	1/4		1/4		1/4
1/2	1,721.41	1/2	1,389.96	1/2	1,058.53	1/2	738.69	1/2	440.33	1/2	165.34	1/2		1/2	1/2		1/2		1/2
3/4	1,714.51	3/4	1,383.06	3/4	1,051.63	3/4	732.27	3/4	434.36	3/4	159.86	3/4		3/4	3/4		3/4		3/4
10	1,707.60	10	1,376.15	10	1,044.73	10	725.85	10	428.40	10	154.39	10		10	10		10		10
1/4	1,700.70	1/4	1,369.25	1/4	1,037.84	1/4	719.43	1/4	422.44	1/4	148.92	1/4		1/4	1/4		1/4		1/4
1/2	1,693.79	1/2	1,362.34	1/2	1,030.96	1/2	713.04	1/2	416.51	1/2	143.49	1/2		1/2	1/2		1/2		1/2
3/4	1,686.89	3/4	1,355.44	3/4	1,024.08	3/4	706.65	3/4	410.59	3/4	138.05	3/4		3/4	3/4		3/4		3/4
11	1,679.98	11	1,348.53	11	1,017.20	11	700.27	11	404.66	11	132.62	11		11	11		11		11
1/4	1,673.08	1/4	1,341.63	1/4	1,010.32	1/4	693.88	1/4	398.74	1/4	127.18	1/4		1/4	1/4		1/4		1/4
1/2	1,666.17	1/2	1,334.72	1/2	1,003.49	1/2	687.51	1/2	392.86	1/2	121.79	1/2		1/2	1/2		1/2		1/2
3/4	1,659.27	3/4	1,327.82	3/4	996.66	3/4	681.14	3/4	386.98	3/4	116.41	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 28058"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE 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	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	5,095.03	0	4,758.52	0	4,404.58	0	4,033.98	0	3,648.98	0	3,261.42	0	2,873.81		
1/4	1/4	1/4	1/4	1/4	5,088.12	1/4	4,751.35	1/4	4,397.01	1/4	4,026.08	1/4	3,640.91	1/4	3,253.35	1/4	2,865.74		
1/2	1/2	1/2	1/2	1/2	5,081.20	1/2	4,744.18	1/2	4,389.44	1/2	4,018.18	1/2	3,632.83	1/2	3,245.28	1/2	2,857.66		
3/4	3/4	3/4	3/4	3/4	5,074.29	3/4	4,737.02	3/4	4,381.87	3/4	4,010.28	3/4	3,624.76	3/4	3,237.20	3/4	2,849.58		
1	1	1	1	1	5,067.38	1	4,729.85	1	4,374.29	1	4,002.38	1	3,616.68	1	3,229.13	1	2,841.51		
1/4	1/4	1/4	1/4	1/4	5,060.44	1/4	4,722.65	1/4	4,366.70	1/4	3,994.45	1/4	3,608.61	1/4	3,221.05	1/4	2,833.43		
1/2	1/2	1/2	1/2	1/2	5,053.50	1/2	4,715.45	1/2	4,359.10	1/2	3,986.52	1/2	3,600.54	1/2	3,212.98	1/2	2,825.35		
3/4	3/4	3/4	3/4	3/4	5,046.56	3/4	4,708.25	3/4	4,351.51	3/4	3,978.58	3/4	3,592.46	3/4	3,204.91	3/4	2,817.28		
2	2	2	2	2	5,039.62	2	4,701.05	2	4,343.91	2	3,970.65	2	3,584.39	2	3,196.83	2	2,809.20		
1/4	1/4	1/4	1/4	1/4	5,032.65	1/4	4,693.83	1/4	4,336.29	1/4	3,962.70	1/4	3,576.31	1/4	3,188.76	1/4	2,801.12		
1/2	1/2	1/2	1/2	1/2	5,025.68	1/2	4,686.61	1/2	4,328.67	1/2	3,954.74	1/2	3,568.24	1/2	3,180.68	1/2	2,793.05		
3/4	3/4	3/4	3/4	3/4	5,018.71	3/4	4,679.38	3/4	4,321.04	3/4	3,946.79	3/4	3,560.17	3/4	3,172.61	3/4	2,784.97		
3	3	3	3	3	5,011.74	3	4,672.16	3	4,313.42	3	3,938.83	3	3,552.09	3	3,164.53	3	2,776.89		
1/4	1/4	1/4	1/4	1/4	5,004.81	1/4	4,664.84	1/4	4,305.77	1/4	3,930.85	1/4	3,544.02	1/4	3,156.46	1/4	2,768.81		
1/2	1/2	1/2	1/2	1/2	4,997.89	1/2	4,657.52	1/2	4,298.12	1/2	3,922.87	1/2	3,535.94	1/2	3,148.39	1/2	2,760.74		
3/4	3/4	3/4	3/4	3/4	4,990.97	3/4	4,650.20	3/4	4,290.46	3/4	3,914.89	3/4	3,527.87	3/4	3,140.31	3/4	2,752.66		
4	4	4	4	4	4,984.04	4	4,642.88	4	4,282.81	4	3,906.91	4	3,519.80	4	3,132.24	4	2,744.58		
1/4	1/4	1/4	1/4	1/4	4,977.09	1/4	4,635.53	1/4	4,275.13	1/4	3,898.90	1/4	3,511.72	1/4	3,124.16	1/4	2,736.51		
1/2	1/2	1/2	1/2	1/2	4,970.14	1/2	4,628.18	1/2	4,267.45	1/2	3,890.89	1/2	3,503.65	1/2	3,116.09	1/2	2,728.43		
3/4	3/4	3/4	3/4	3/4	4,963.19	3/4	4,620.83	3/4	4,259.78	3/4	3,882.87	3/4	3,495.57	3/4	3,108.02	3/4	2,720.35		
5	5	5	5	5	4,956.24	5	4,613.48	5	4,252.10	5	3,874.86	5	3,487.50	5	3,099.94	5	2,712.28		
1/4	1/4	1/4	1/4	1/4	4,949.26	1/4	4,606.10	1/4	4,244.39	1/4	3,866.82	1/4	3,479.42	1/4	3,091.87	1/4	2,704.20		
1/2	1/2	1/2	1/2	1/2	4,942.28	1/2	4,598.72	1/2	4,236.67	1/2	3,858.78	1/2	3,471.35	1/2	3,083.79	1/2	2,696.12		
3/4	3/4	3/4	3/4	3/4	4,935.30	3/4	4,591.35	3/4	4,228.96	3/4	3,850.75	3/4	3,463.28	3/4	3,075.72	3/4	2,688.05		
6	6	6	6	6	4,928.32	6	4,583.97	6	4,221.25	6	3,842.71	6	3,455.20	6	3,067.65	6	2,679.97		
1/4	1/4	1/4	1/4	1/4	4,921.31	1/4	4,576.56	1/4	4,213.51	1/4	3,834.65	1/4	3,447.13	1/4	3,059.57	1/4	2,671.89		
1/2	1/2	1/2	1/2	5,263.93	4,914.31	1/2	4,569.15	1/2	4,205.78	1/2	3,826.59	1/2	3,439.05	1/2	3,051.50	1/2	2,663.82		
3/4	3/4	3/4	3/4	5,257.88	4,907.30	3/4	4,561.74	3/4	4,198.05	3/4	3,818.53	3/4	3,430.98	3/4	3,043.42	3/4	2,655.74		
7	7	7	7	5,251.82	4,900.29	7	4,554.33	7	4,190.31	7	3,810.46	7	3,422.91	7	3,035.35	7	2,647.66		
1/4	1/4	1/4	1/4	5,243.74	4,893.26	1/4	4,546.89	1/4	4,182.55	1/4	3,802.39	1/4	3,414.83	1/4	3,027.27	1/4	2,639.59		
1/2	1/2	1/2	1/2	5,235.67	4,886.22	1/2	4,539.46	1/2	4,174.79	1/2	3,794.31	1/2	3,406.76	1/2	3,019.20	1/2	2,631.51		
3/4	3/4	3/4	3/4	5,227.59	4,879.18	3/4	4,532.03	3/4	4,167.03	3/4	3,786.24	3/4	3,398.68	3/4	3,011.12	3/4	2,623.43		
8	8	8	8	5,219.51	4,872.14	8	4,524.60	8	4,159.27	8	3,778.17	8	3,390.61	8	3,003.04	8	2,615.36		
1/4	1/4	1/4	1/4	5,211.44	4,865.08	1/4	4,517.14	1/4	4,151.48	1/4	3,770.09	1/4	3,382.54	1/4	2,994.97	1/4	2,607.28		
1/2	1/2	1/2	1/2	5,203.36	4,858.02	1/2	4,509.68	1/2	4,143.69	1/2	3,762.02	1/2	3,374.46	1/2	2,986.89	1/2	2,599.20		
3/4	3/4	3/4	3/4	5,195.28	4,850.96	3/4	4,502.22	3/4	4,135.89	3/4	3,753.94	3/4	3,366.39	3/4	2,978.81	3/4	2,591.13		
9	9	9	9	5,187.21	4,843.90	9	4,494.76	9	4,128.10	9	3,745.87	9	3,358.31	9	2,970.73	9	2,583.05		
1/4	1/4	1/4	1/4	5,179.13	4,836.82	1/4	4,487.27	1/4	4,120.28	1/4	3,737.80	1/4	3,350.24	1/4	2,962.66	1/4	2,574.97		
1/2	1/2	1/2	1/2	5,171.05	4,829.73	1/2	4,479.78	1/2	4,112.47	1/2	3,729.72	1/2	3,342.16	1/2	2,954.58	1/2	2,566.89		
3/4	3/4	3/4	3/4	5,162.98	4,822.65	3/4	4,472.29	3/4	4,104.65	3/4	3,721.65	3/4	3,334.09	3/4	2,946.50	3/4	2,558.82		
10	10	10	10	5,154.90	4,815.56	10	4,464.80	10	4,096.84	10	3,713.57	10	3,326.02	10	2,938.43	10	2,550.74		
1/4	1/4	1/4	1/4	5,146.82	4,808.44	1/4	4,457.28	1/4	4,088.99	1/4	3,705.50	1/4	3,317.94	1/4	2,930.35	1/4	2,542.66		
1/2	1/2	1/2	1/2	5,138.75	4,801.32	1/2	4,449.77	1/2	4,081.15	1/2	3,697.43	1/2	3,309.87	1/2	2,922.27	1/2	2,534.59		
3/4	3/4	3/4	3/4	5,130.67	4,794.21	3/4	4,442.26	3/4	4,073.31	3/4	3,689.35	3/4	3,301.79	3/4	2,914.20	3/4	2,526.51		
11	11	11	11	5,122.59	4,787.09	11	4,434.74	11	4,065.47	11	3,681.28	11	3,293.72	11	2,906.12	11	2,518.43		
1/4	1/4	1/4	1/4	5,115.70	4,779.94	1/4	4,427.20	1/4	4,057.60	1/4	3,673.20	1/4	3,285.65	1/4	2,898.04	1/4	2,510.36		
1/2	1/2	1/2	1/2	5,108.81	4,772.80	1/2	4,419.66	1/2	4,049.72	1/2	3,665.13	1/2	3,277.57	1/2	2,889.97	1/2	2,502.28		
3/4	3/4	3/4	3/4	5,101.92	4,765.66	3/4	4,412.12	3/4	4,041.85	3/4	3,657.05	3/4	3,269.50	3/4	2,881.89	3/4	2,494.20		

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" CLOSED GAUGING DEVICE.  
 GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" 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 28058"

## 2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GUAGE HEIGHT 16'-05"

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	
0	2,486.13	0	2,098.44	0	1,710.75	0	1,323.07	0	935.38	0	548.56	0	161.30	0		0		0	
1/4	2,478.05	1/4	2,090.36	1/4	1,702.68	1/4	1,314.99	1/4	927.30	1/4	540.50	1/4	153.23	1/4	1/4	1/4		1/4	
1/2	2,469.97	1/2	2,082.29	1/2	1,694.60	1/2	1,306.91	1/2	919.23	1/2	532.43	1/2	145.16	1/2	1/2	1/2		1/2	
3/4	2,461.90	3/4	2,074.21	3/4	1,686.52	3/4	1,298.84	3/4	911.15	3/4	524.36	3/4	137.09	3/4	3/4	3/4		3/4	
1	2,453.82	1	2,066.13	1	1,678.45	1	1,290.76	1	903.07	1	516.29	1	129.02	1	1	1		1	
1/4	2,445.74	1/4	2,058.06	1/4	1,670.37	1/4	1,282.68	1/4	895.01	1/4	508.22	1/4	120.96	1/4	1/4	1/4		1/4	
1/2	2,437.67	1/2	2,049.98	1/2	1,662.29	1/2	1,274.61	1/2	886.94	1/2	500.16	1/2	112.89	1/2	1/2	1/2		1/2	
3/4	2,429.59	3/4	2,041.90	3/4	1,654.22	3/4	1,266.53	3/4	878.88	3/4	492.09	3/4	104.82	3/4	3/4	3/4		3/4	
2	2,421.51	2	2,033.83	2	1,646.14	2	1,258.45	2	870.81	2	484.02	2	96.75	2	2	2		2	
1/4	2,413.44	1/4	2,025.75	1/4	1,638.06	1/4	1,250.38	1/4	862.76	1/4	475.95	1/4	88.68	1/4	1/4	1/4		1/4	
1/2	2,405.36	1/2	2,017.67	1/2	1,629.99	1/2	1,242.30	1/2	854.71	1/2	467.88	1/2	80.61	1/2	1/2	1/2		1/2	
3/4	2,397.28	3/4	2,009.60	3/4	1,621.91	3/4	1,234.22	3/4	846.66	3/4	459.82	3/4	72.55	3/4	3/4	3/4		3/4	
3	2,389.21	3	2,001.52	3	1,613.83	3	1,226.15	3	838.61	3	451.75	3	64.48	3	3	3		3	
1/4	2,381.13	1/4	1,993.44	1/4	1,605.76	1/4	1,218.07	1/4	830.55	1/4	443.68	1/4	57.42	1/4	1/4	1/4		1/4	
1/2	2,373.05	1/2	1,985.37	1/2	1,597.68	1/2	1,209.99	1/2	822.50	1/2	435.61	1/2	50.36	1/2	1/2	1/2		1/2	
3/4	2,364.97	3/4	1,977.29	3/4	1,589.60	3/4	1,201.92	3/4	814.45	3/4	427.54	3/4	43.30	3/4	3/4	3/4		3/4	
4	2,356.90	4	1,969.21	4	1,581.53	4	1,193.84	4	806.40	4	419.48	4	36.24	4	4	4		4	
1/4	2,348.82	1/4	1,961.13	1/4	1,573.45	1/4	1,185.76	1/4	798.34	1/4	411.41	1/4	31.20	1/4	1/4	1/4		1/4	
1/2	2,340.74	1/2	1,953.06	1/2	1,565.37	1/2	1,177.69	1/2	790.29	1/2	403.34	1/2	26.16	1/2	1/2	1/2		1/2	
3/4	2,332.67	3/4	1,944.98	3/4	1,557.29	3/4	1,169.61	3/4	782.24	3/4	395.27	3/4	21.12	3/4	3/4	3/4		3/4	
5	2,324.59	5	1,936.90	5	1,549.22	5	1,161.53	5	774.19	5	387.20	5	16.08	5	5	5		5	
1/4	2,316.51	1/4	1,928.83	1/4	1,541.14	1/4	1,153.45	1/4	766.13	1/4	379.13	1/4		1/4	1/4	1/4		1/4	
1/2	2,308.44	1/2	1,920.75	1/2	1,533.06	1/2	1,145.38	1/2	758.08	1/2	371.07	1/2		1/2	1/2	1/2		1/2	
3/4	2,300.36	3/4	1,912.67	3/4	1,524.99	3/4	1,137.30	3/4	750.03	3/4	363.00	3/4		3/4	3/4	3/4		3/4	
6	2,292.28	6	1,904.60	6	1,516.91	6	1,129.22	6	741.98	6	354.93	6		6	6	6		6	
1/4	2,284.21	1/4	1,896.52	1/4	1,508.83	1/4	1,121.15	1/4	733.93	1/4	346.86	1/4		1/4	1/4	1/4		1/4	
1/2	2,276.13	1/2	1,888.44	1/2	1,500.76	1/2	1,113.07	1/2	725.87	1/2	338.79	1/2		1/2	1/2	1/2		1/2	
3/4	2,268.05	3/4	1,880.37	3/4	1,492.68	3/4	1,104.99	3/4	717.82	3/4	330.73	3/4		3/4	3/4	3/4		3/4	
7	2,259.98	7	1,872.29	7	1,484.60	7	1,096.92	7	709.77	7	322.66	7		7	7	7		7	
1/4	2,251.90	1/4	1,864.21	1/4	1,476.53	1/4	1,088.84	1/4	701.72	1/4	314.59	1/4		1/4	1/4	1/4		1/4	
1/2	2,243.82	1/2	1,856.14	1/2	1,468.45	1/2	1,080.76	1/2	693.66	1/2	306.52	1/2		1/2	1/2	1/2		1/2	
3/4	2,235.75	3/4	1,848.06	3/4	1,460.37	3/4	1,072.69	3/4	685.61	3/4	298.45	3/4		3/4	3/4	3/4		3/4	
8	2,227.67	8	1,839.98	8	1,452.30	8	1,064.61	8	677.56	8	290.39	8		8	8	8		8	
1/4	2,219.59	1/4	1,831.91	1/4	1,444.22	1/4	1,056.53	1/4	669.51	1/4	282.32	1/4		1/4	1/4	1/4		1/4	
1/2	2,211.52	1/2	1,823.83	1/2	1,436.14	1/2	1,048.46	1/2	661.45	1/2	274.25	1/2		1/2	1/2	1/2		1/2	
3/4	2,203.44	3/4	1,815.75	3/4	1,428.07	3/4	1,040.38	3/4	653.40	3/4	266.18	3/4		3/4	3/4	3/4		3/4	
9	2,195.36	9	1,807.68	9	1,419.99	9	1,032.30	9	645.35	9	258.11	9		9	9	9		9	
1/4	2,187.29	1/4	1,799.60	1/4	1,411.91	1/4	1,024.23	1/4	637.29	1/4	250.04	1/4		1/4	1/4	1/4		1/4	
1/2	2,179.21	1/2	1,791.52	1/2	1,403.84	1/2	1,016.15	1/2	629.23	1/2	241.98	1/2		1/2	1/2	1/2		1/2	
3/4	2,171.13	3/4	1,783.45	3/4	1,395.76	3/4	1,008.07	3/4	621.17	3/4	233.91	3/4		3/4	3/4	3/4		3/4	
10	2,163.05	10	1,775.37	10	1,387.68	10	1,000.00	10	613.11	10	225.84	10		10	10	10		10	
1/4	2,154.98	1/4	1,767.29	1/4	1,379.61	1/4	991.92	1/4	605.04	1/4	217.77	1/4		1/4	1/4	1/4		1/4	
1/2	2,146.90	1/2	1,759.21	1/2	1,371.53	1/2	983.84	1/2	596.97	1/2	209.70	1/2		1/2	1/2	1/2		1/2	
3/4	2,138.82	3/4	1,751.14	3/4	1,363.45	3/4	975.77	3/4	588.91	3/4	201.64	3/4		3/4	3/4	3/4		3/4	
11	2,130.75	11	1,743.06	11	1,355.37	11	967.69	11	580.84	11	193.57	11		11	11	11		11	
1/4	2,122.67	1/4	1,734.98	1/4	1,347.30	1/4	959.61	1/4	572.77	1/4	185.50	1/4		1/4	1/4	1/4		1/4	
1/2	2,114.59	1/2	1,726.91	1/2	1,339.22	1/2	951.53	1/2	564.70	1/2	177.43	1/2		1/2	1/2	1/2		1/2	
3/4	2,106.52	3/4	1,718.83	3/4	1,331.14	3/4	943.46	3/4	556.63	3/4	169.36	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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





# BARGE "KIRBY 28058"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN
0	0	0	0	0	5,090.17	0	4,753.76	0	4,400.06	0	4,029.63	0	3,644.68	0	3,256.95	0	2,869.18		
1/4	1/4	1/4	1/4	1/4	5,083.28	1/4	4,746.61	1/4	4,392.52	1/4	4,021.76	1/4	3,636.60	1/4	3,248.87	1/4	2,861.10		
1/2	1/2	1/2	1/2	1/2	5,076.36	1/2	4,739.44	1/2	4,384.94	1/2	4,013.85	1/2	3,628.52	1/2	3,240.80	1/2	2,853.02		
3/4	3/4	3/4	3/4	3/4	5,069.45	3/4	4,732.27	3/4	4,377.37	3/4	4,005.95	3/4	3,620.44	3/4	3,232.72	3/4	2,844.94		
1	1	1	1	1	5,062.53	1	4,725.10	1	4,369.79	1	3,998.05	1	3,612.37	1	3,224.64	1	2,836.86		
1/4	1/4	1/4	1/4	1/4	5,055.61	1/4	4,717.93	1/4	4,362.22	1/4	3,990.15	1/4	3,604.29	1/4	3,216.56	1/4	2,828.78		
1/2	1/2	1/2	1/2	1/2	5,048.67	1/2	4,710.73	1/2	4,354.62	1/2	3,982.21	1/2	3,596.21	1/2	3,208.49	1/2	2,820.70		
3/4	3/4	3/4	3/4	3/4	5,041.73	3/4	4,703.53	3/4	4,347.02	3/4	3,974.28	3/4	3,588.13	3/4	3,200.41	3/4	2,812.62		
2	2	2	2	2	5,034.79	2	4,696.33	2	4,339.42	2	3,966.34	2	3,580.06	2	3,192.33	2	2,804.54		
1/4	1/4	1/4	1/4	1/4	5,027.84	1/4	4,689.12	1/4	4,331.82	1/4	3,958.40	1/4	3,571.98	1/4	3,184.25	1/4	2,796.46		
1/2	1/2	1/2	1/2	1/2	5,020.87	1/2	4,681.90	1/2	4,324.20	1/2	3,950.45	1/2	3,563.90	1/2	3,176.18	1/2	2,788.38		
3/4	3/4	3/4	3/4	3/4	5,013.90	3/4	4,674.67	3/4	4,316.57	3/4	3,942.49	3/4	3,555.82	3/4	3,168.10	3/4	2,780.30		
3	3	3	3	3	5,006.92	3	4,667.44	3	4,308.95	3	3,934.53	3	3,547.75	3	3,160.02	3	2,772.22		
1/4	1/4	1/4	1/4	1/4	4,999.95	1/4	4,660.22	1/4	4,301.32	1/4	3,926.57	1/4	3,539.67	1/4	3,151.94	1/4	2,764.14		
1/2	1/2	1/2	1/2	1/2	4,993.02	1/2	4,652.89	1/2	4,293.66	1/2	3,918.59	1/2	3,531.59	1/2	3,143.87	1/2	2,756.06		
3/4	3/4	3/4	3/4	3/4	4,986.09	3/4	4,645.57	3/4	4,286.01	3/4	3,910.61	3/4	3,523.51	3/4	3,135.79	3/4	2,747.98		
4	4	4	4	4	4,979.17	4	4,638.25	4	4,278.35	4	3,902.62	4	3,515.44	4	3,127.71	4	2,739.90		
1/4	1/4	1/4	1/4	1/4	4,972.24	1/4	4,630.92	1/4	4,270.70	1/4	3,894.64	1/4	3,507.36	1/4	3,119.63	1/4	2,731.82		
1/2	1/2	1/2	1/2	1/2	4,965.29	1/2	4,623.57	1/2	4,263.02	1/2	3,886.62	1/2	3,499.28	1/2	3,111.56	1/2	2,723.74		
3/4	3/4	3/4	3/4	3/4	4,958.33	3/4	4,616.21	3/4	4,255.33	3/4	3,878.61	3/4	3,491.20	3/4	3,103.48	3/4	2,715.66		
5	5	5	5	5	4,951.38	5	4,608.86	5	4,247.65	5	3,870.59	5	3,483.13	5	3,095.40	5	2,707.58		
1/4	1/4	1/4	1/4	1/4	4,944.43	1/4	4,601.51	1/4	4,239.97	1/4	3,862.57	1/4	3,475.05	1/4	3,087.32	1/4	2,699.50		
1/2	1/2	1/2	1/2	1/2	4,937.44	1/2	4,594.13	1/2	4,232.26	1/2	3,854.53	1/2	3,466.97	1/2	3,079.25	1/2	2,691.42		
3/4	3/4	3/4	3/4	3/4	4,930.46	3/4	4,586.75	3/4	4,224.54	3/4	3,846.49	3/4	3,458.89	3/4	3,071.17	3/4	2,683.34		
6	6	6	6	6	4,923.48	6	4,579.37	6	4,216.82	6	3,838.45	6	3,450.81	6	3,063.09	6	2,675.26		
1/4	1/4	1/4	1/4	1/4	4,916.49	1/4	4,571.99	1/4	4,209.11	1/4	3,830.41	1/4	3,442.74	1/4	3,055.01	1/4	2,667.18		
1/2	1/2	1/2	1/2	1/2	4,909.48	1/2	4,564.57	1/2	4,201.37	1/2	3,822.35	1/2	3,434.66	1/2	3,046.93	1/2	2,659.10		
3/4	3/4	3/4	3/4	3/4	5,252.26	3/4	4,902.47	3/4	4,557.16	3/4	4,193.63	3/4	3,814.28	3/4	3,426.58	3/4	3,038.86	3/4	2,651.02
7	7	7	7	7	5,246.20	7	4,895.46	7	4,549.75	7	4,185.90	7	3,806.22	7	3,418.50	7	3,030.78	7	2,642.94
1/4	1/4	1/4	1/4	1/4	5,240.14	1/4	4,888.45	1/4	4,542.33	1/4	4,178.16	1/4	3,798.15	1/4	3,410.43	1/4	3,022.70	1/4	2,634.86
1/2	1/2	1/2	1/2	1/2	5,232.06	1/2	4,881.41	1/2	4,534.90	1/2	4,170.39	1/2	3,790.07	1/2	3,402.35	1/2	3,014.62	1/2	2,626.78
3/4	3/4	3/4	3/4	3/4	5,223.98	3/4	4,874.37	3/4	4,527.46	3/4	4,162.63	3/4	3,782.00	3/4	3,394.27	3/4	3,006.54	3/4	2,618.70
8	8	8	8	8	5,215.90	8	4,867.33	8	4,520.02	8	4,154.87	8	3,773.92	8	3,386.19	8	2,998.46	8	2,610.62
1/4	1/4	1/4	1/4	1/4	5,207.82	1/4	4,860.29	1/4	4,512.59	1/4	4,147.10	1/4	3,765.84	1/4	3,378.12	1/4	2,990.38	1/4	2,602.54
1/2	1/2	1/2	1/2	1/2	5,199.74	1/2	4,853.23	1/2	4,505.13	1/2	4,139.31	1/2	3,757.76	1/2	3,370.04	1/2	2,982.30	1/2	2,594.46
3/4	3/4	3/4	3/4	3/4	5,191.66	3/4	4,846.16	3/4	4,497.66	3/4	4,131.51	3/4	3,749.69	3/4	3,361.96	3/4	2,974.22	3/4	2,586.38
9	9	9	9	9	5,183.58	9	4,839.10	9	4,490.20	9	4,123.72	9	3,741.61	9	3,353.88	9	2,966.14	9	2,578.30
1/4	1/4	1/4	1/4	1/4	5,175.50	1/4	4,832.04	1/4	4,482.74	1/4	4,115.92	1/4	3,733.53	1/4	3,345.81	1/4	2,958.06	1/4	2,570.22
1/2	1/2	1/2	1/2	1/2	5,167.42	1/2	4,824.95	1/2	4,475.25	1/2	4,108.10	1/2	3,725.45	1/2	3,337.73	1/2	2,949.98	1/2	2,562.14
3/4	3/4	3/4	3/4	3/4	5,159.33	3/4	4,817.86	3/4	4,467.75	3/4	4,100.28	3/4	3,717.38	3/4	3,329.65	3/4	2,941.90	3/4	2,554.06
10	10	10	10	10	5,151.25	10	4,810.77	10	4,460.26	10	4,092.46	10	3,709.30	10	3,321.57	10	2,933.82	10	2,545.98
1/4	1/4	1/4	1/4	1/4	5,143.17	1/4	4,803.68	1/4	4,452.76	1/4	4,084.64	1/4	3,701.22	1/4	3,313.50	1/4	2,925.74	1/4	2,537.90
1/2	1/2	1/2	1/2	1/2	5,135.09	1/2	4,796.56	1/2	4,445.25	1/2	4,076.80	1/2	3,693.14	1/2	3,305.42	1/2	2,917.66	1/2	2,529.82
3/4	3/4	3/4	3/4	3/4	5,127.01	3/4	4,789.44	3/4	4,437.73	3/4	4,068.95	3/4	3,685.07	3/4	3,297.34	3/4	2,909.58	3/4	2,521.74
11	11	11	11	11	5,118.93	11	4,782.32	11	4,430.21	11	4,061.11	11	3,676.99	11	3,289.26	11	2,901.50	11	2,513.66
1/4	1/4	1/4	1/4	1/4	5,110.85	1/4	4,775.19	1/4	4,422.69	1/4	4,053.26	1/4	3,668.91	1/4	3,281.19	1/4	2,893.42	1/4	2,505.58
1/2	1/2	1/2	1/2	1/2	5,103.96	1/2	4,768.05	1/2	4,415.15	1/2	4,045.39	1/2	3,660.83	1/2	3,273.11	1/2	2,885.34	1/2	2,497.50
3/4	3/4	3/4	3/4	3/4	5,097.07	3/4	4,760.90	3/4	4,407.61	3/4	4,037.51	3/4	3,652.75	3/4	3,265.03	3/4	2,877.26	3/4	2,489.42

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 43'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>





# BARGE "KIRBY 28058"

## 2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	
0	2,481.34	0	2,093.49	0	1,705.65	0	1,317.80	0	930.41	0	557.63	0	169.98	0		0		0	
1/4	2,473.26	1/4	2,085.41	1/4	1,697.57	1/4	1,309.72	1/4	922.49	1/4	549.70	1/4	161.90	1/4	1/4	1/4		1/4	
1/2	2,465.17	1/2	2,077.33	1/2	1,689.49	1/2	1,301.64	1/2	914.71	1/2	541.62	1/2	153.82	1/2	1/2	1/2		1/2	
3/4	2,457.09	3/4	2,069.25	3/4	1,681.41	3/4	1,293.56	3/4	906.94	3/4	533.54	3/4	145.74	3/4	3/4	3/4		3/4	
1	2,449.01	1	2,061.17	1	1,673.33	1	1,285.48	1	899.17	1	525.47	1	137.66	1	1	1		1	
1/4	2,440.93	1/4	2,053.09	1/4	1,665.25	1/4	1,277.40	1/4	891.40	1/4	517.39	1/4	129.58	1/4	1/4	1/4		1/4	
1/2	2,432.85	1/2	2,045.01	1/2	1,657.16	1/2	1,269.32	1/2	883.64	1/2	509.31	1/2	121.51	1/2	1/2	1/2		1/2	
3/4	2,424.77	3/4	2,036.93	3/4	1,649.08	3/4	1,261.24	3/4	875.89	3/4	501.23	3/4	113.43	3/4	3/4	3/4		3/4	
2	2,416.69	2	2,028.85	2	1,641.00	2	1,253.16	2	868.13	2	493.15	2	105.35	2	2	2		2	
1/4	2,408.61	1/4	2,020.77	1/4	1,632.92	1/4	1,245.08	1/4	860.37	1/4	485.07	1/4	97.27	1/4	1/4	1/4		1/4	
1/2	2,400.53	1/2	2,012.69	1/2	1,624.84	1/2	1,237.00	1/2	852.63	1/2	476.99	1/2	89.19	1/2	1/2	1/2		1/2	
3/4	2,392.45	3/4	2,004.61	3/4	1,616.76	3/4	1,228.92	3/4	844.88	3/4	468.91	3/4	81.11	3/4	3/4	3/4		3/4	
3	2,384.37	3	1,996.53	3	1,608.68	3	1,220.84	3	837.13	3	460.83	3	73.03	3	3	3		3	
1/4	2,376.29	1/4	1,988.45	1/4	1,600.60	1/4	1,212.76	1/4	829.39	1/4	452.75	1/4	64.95	1/4	1/4	1/4		1/4	
1/2	2,368.21	1/2	1,980.37	1/2	1,592.52	1/2	1,204.68	1/2	821.64	1/2	444.67	1/2	57.88	1/2	1/2	1/2		1/2	
3/4	2,360.13	3/4	1,972.29	3/4	1,584.44	3/4	1,196.60	3/4	813.90	3/4	436.59	3/4	50.81	3/4	3/4	3/4		3/4	
4	2,352.05	4	1,964.21	4	1,576.36	4	1,188.52	4	806.15	4	428.51	4	43.74	4	4	4		4	
1/4	2,343.97	1/4	1,956.13	1/4	1,568.28	1/4	1,180.44	1/4	798.40	1/4	420.44	1/4	36.67	1/4	1/4	1/4		1/4	
1/2	2,335.89	1/2	1,948.05	1/2	1,560.20	1/2	1,172.36	1/2	790.66	1/2	412.36	1/2	31.62	1/2	1/2	1/2		1/2	
3/4	2,327.81	3/4	1,939.97	3/4	1,552.12	3/4	1,164.28	3/4	782.91	3/4	404.28	3/4	26.57	3/4	3/4	3/4		3/4	
5	2,319.73	5	1,931.89	5	1,544.04	5	1,156.20	5	775.16	5	396.20	5	21.52	5	5	5		5	
1/4	2,311.65	1/4	1,923.81	1/4	1,535.96	1/4	1,148.12	1/4	767.42	1/4	388.12	1/4	16.47	1/4	1/4	1/4		1/4	
1/2	2,303.57	1/2	1,915.73	1/2	1,527.88	1/2	1,140.04	1/2	759.67	1/2	380.04	1/2		1/2	1/2	1/2		1/2	
3/4	2,295.49	3/4	1,907.65	3/4	1,519.80	3/4	1,131.96	3/4	751.93	3/4	371.96	3/4		3/4	3/4	3/4		3/4	
6	2,287.41	6	1,899.57	6	1,511.72	6	1,123.88	6	744.18	6	363.88	6		6	6	6		6	
1/4	2,279.33	1/4	1,891.49	1/4	1,503.64	1/4	1,115.80	1/4	736.43	1/4	355.80	1/4		1/4	1/4	1/4		1/4	
1/2	2,271.25	1/2	1,883.41	1/2	1,495.56	1/2	1,107.72	1/2	728.69	1/2	347.72	1/2		1/2	1/2	1/2		1/2	
3/4	2,263.17	3/4	1,875.33	3/4	1,487.48	3/4	1,099.64	3/4	720.94	3/4	339.64	3/4		3/4	3/4	3/4		3/4	
7	2,255.09	7	1,867.25	7	1,479.40	7	1,091.56	7	713.19	7	331.56	7		7	7	7		7	
1/4	2,247.01	1/4	1,859.17	1/4	1,471.32	1/4	1,083.48	1/4	705.45	1/4	323.49	1/4		1/4	1/4	1/4		1/4	
1/2	2,238.93	1/2	1,851.09	1/2	1,463.24	1/2	1,075.40	1/2	697.70	1/2	315.41	1/2		1/2	1/2	1/2		1/2	
3/4	2,230.85	3/4	1,843.01	3/4	1,455.16	3/4	1,067.32	3/4	689.96	3/4	307.33	3/4		3/4	3/4	3/4		3/4	
8	2,222.77	8	1,834.93	8	1,447.08	8	1,059.24	8	682.21	8	299.25	8		8	8	8		8	
1/4	2,214.69	1/4	1,826.85	1/4	1,439.00	1/4	1,051.16	1/4	674.47	1/4	291.17	1/4		1/4	1/4	1/4		1/4	
1/2	2,206.61	1/2	1,818.77	1/2	1,430.92	1/2	1,043.08	1/2	666.73	1/2	283.09	1/2		1/2	1/2	1/2		1/2	
3/4	2,198.53	3/4	1,810.69	3/4	1,422.84	3/4	1,035.00	3/4	658.98	3/4	275.01	3/4		3/4	3/4	3/4		3/4	
9	2,190.45	9	1,802.61	9	1,414.76	9	1,026.92	9	651.24	9	266.93	9		9	9	9		9	
1/4	2,182.37	1/4	1,794.53	1/4	1,406.68	1/4	1,018.84	1/4	643.49	1/4	258.85	1/4		1/4	1/4	1/4		1/4	
1/2	2,174.29	1/2	1,786.45	1/2	1,398.60	1/2	1,010.76	1/2	635.74	1/2	250.77	1/2		1/2	1/2	1/2		1/2	
3/4	2,166.21	3/4	1,778.37	3/4	1,390.52	3/4	1,002.68	3/4	627.99	3/4	242.69	3/4		3/4	3/4	3/4		3/4	
10	2,158.13	10	1,770.29	10	1,382.44	10	994.60	10	620.23	10	234.61	10		10	10	10		10	
1/4	2,150.05	1/4	1,762.21	1/4	1,374.36	1/4	986.52	1/4	612.48	1/4	226.53	1/4		1/4	1/4	1/4		1/4	
1/2	2,141.97	1/2	1,754.13	1/2	1,366.28	1/2	978.44	1/2	604.71	1/2	218.46	1/2		1/2	1/2	1/2		1/2	
3/4	2,133.89	3/4	1,746.05	3/4	1,358.20	3/4	970.36	3/4	596.94	3/4	210.38	3/4		3/4	3/4	3/4		3/4	
11	2,125.81	11	1,737.97	11	1,350.12	11	962.28	11	589.17	11	202.30	11		11	11	11		11	
1/4	2,117.73	1/4	1,729.89	1/4	1,342.04	1/4	954.20	1/4	581.40	1/4	194.22	1/4		1/4	1/4	1/4		1/4	
1/2	2,109.65	1/2	1,721.81	1/2	1,333.96	1/2	946.27	1/2	573.48	1/2	186.14	1/2		1/2	1/2	1/2		1/2	
3/4	2,101.57	3/4	1,713.73	3/4	1,325.88	3/4	938.34	3/4	565.55	3/4	178.06	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 28058"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

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	4,501.23	0	4,245.34	0	3,976.68	0	3,695.54	0	3,401.56	0	3,046.50	0	2,685.43
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,496.00	1/4	4,239.90	1/4	3,970.96	1/4	3,689.56	1/4	3,395.01	1/4	3,038.98	1/4	2,677.91
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,490.75	1/2	4,234.44	1/2	3,965.21	1/2	3,683.57	1/2	3,388.19	1/2	3,031.46	1/2	2,670.38
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,485.50	3/4	4,228.98	3/4	3,959.46	3/4	3,677.57	3/4	3,381.36	3/4	3,023.94	3/4	2,662.86
1		1		1		1	4,223.52	1	3,953.71	1	3,671.57	1	3,374.54	1	3,016.41	1	2,655.34		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,475.00	1/4	4,218.06	1/4	3,947.96	1/4	3,665.58	1/4	3,367.71	1/4	3,008.89	1/4	2,647.81
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,469.73	1/2	4,212.58	1/2	3,942.19	1/2	3,659.55	1/2	3,360.60	1/2	3,001.37	1/2	2,640.29
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,464.46	3/4	4,207.10	3/4	3,936.43	3/4	3,653.53	3/4	3,353.50	3/4	2,993.85	3/4	2,632.77
2		2		2		2	4,459.20	2	4,201.62	2	3,930.66	2	3,647.50	2	3,346.40	2	2,986.33	2	2,625.24
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,453.93	1/4	4,196.13	1/4	3,924.89	1/4	3,641.48	1/4	3,339.29	1/4	2,978.81	1/4	2,617.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,448.64	1/2	4,190.63	1/2	3,919.10	1/2	3,635.44	1/2	3,331.91	1/2	2,971.28	1/2	2,610.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,443.34	3/4	4,185.13	3/4	3,913.32	3/4	3,629.40	3/4	3,324.53	3/4	2,963.76	3/4	2,602.67
3		3		3		3	4,438.05	3	4,179.63	3	3,907.53	3	3,623.36	3	3,317.14	3	2,956.24	3	2,595.15
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,432.76	1/4	4,174.13	1/4	3,901.74	1/4	3,617.32	1/4	3,309.76	1/4	2,948.72	1/4	2,587.63
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,427.49	1/2	4,168.57	1/2	3,895.93	1/2	3,611.26	1/2	3,302.24	1/2	2,941.20	1/2	2,580.10
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,422.21	3/4	4,163.01	3/4	3,890.12	3/4	3,605.20	3/4	3,294.72	3/4	2,933.68	3/4	2,572.58
4		4		4		4	4,416.94	4	4,157.45	4	3,884.31	4	3,599.14	4	3,287.20	4	2,926.15	4	2,565.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,411.66	1/4	4,151.89	1/4	3,878.50	1/4	3,593.09	1/4	3,279.67	1/4	2,918.63	1/4	2,557.53
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,406.37	1/2	4,146.31	1/2	3,872.67	1/2	3,587.00	1/2	3,272.15	1/2	2,911.11	1/2	2,550.01
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,401.08	3/4	4,140.73	3/4	3,866.84	3/4	3,580.92	3/4	3,264.63	3/4	2,903.59	3/4	2,542.49
5		5		5		5	4,395.79	5	4,135.15	5	3,861.01	5	3,574.83	5	3,257.11	5	2,896.07	5	2,534.96
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,390.49	1/4	4,129.57	1/4	3,855.18	1/4	3,568.75	1/4	3,249.59	1/4	2,888.55	1/4	2,527.44
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,385.18	1/2	4,123.97	1/2	3,849.32	1/2	3,562.64	1/2	3,242.07	1/2	2,881.02	1/2	2,519.92
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,379.86	3/4	4,118.37	3/4	3,843.47	3/4	3,556.54	3/4	3,234.54	3/4	2,873.50	3/4	2,512.39
6		6		6		6	4,374.54	6	4,112.77	6	3,837.61	6	3,550.44	6	3,227.02	6	2,865.98	6	2,504.87
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,369.23	1/4	4,107.16	1/4	3,831.76	1/4	3,544.34	1/4	3,219.50	1/4	2,858.46	1/4	2,497.35
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,363.89	1/2	4,101.54	1/2	3,825.88	1/2	3,538.22	1/2	3,211.98	1/2	2,850.94	1/2	2,489.82
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,624.23	3/4	4,358.55	3/4	4,095.91	3/4	3,820.01	3/4	3,532.10	3/4	3,204.46	3/4	2,843.42
7		7		7		7	4,619.63	7	4,353.22	7	4,090.28	7	3,814.14	7	3,525.98	7	3,196.94	7	2,835.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,615.03	1/4	4,347.88	1/4	4,084.66	1/4	3,808.27	1/4	3,519.86	1/4	3,189.41	1/4	2,828.37
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,608.90	1/2	4,342.52	1/2	4,079.01	1/2	3,802.37	1/2	3,513.73	1/2	3,181.89	1/2	2,820.85
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,602.77	3/4	4,337.16	3/4	4,073.37	3/4	3,796.48	3/4	3,507.59	3/4	3,174.37	3/4	2,813.33
8		8		8		8	4,596.64	8	4,331.80	8	4,067.73	8	3,790.59	8	3,501.46	8	3,166.85	8	2,805.80
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,590.50	1/4	4,326.44	1/4	4,062.08	1/4	3,784.70	1/4	3,495.33	1/4	3,159.33	1/4	2,798.28
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,584.37	1/2	4,321.06	1/2	4,056.42	1/2	3,778.78	1/2	3,489.20	1/2	3,151.80	1/2	2,790.76
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,578.24	3/4	4,315.69	3/4	4,050.76	3/4	3,772.86	3/4	3,483.07	3/4	3,144.28	3/4	2,783.23
9		9		9		9	4,572.11	9	4,310.31	9	4,045.09	9	3,766.95	9	3,476.94	9	3,136.76	9	2,775.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,565.98	1/4	4,304.93	1/4	4,039.43	1/4	3,761.03	1/4	3,470.81	1/4	3,129.24	1/4	2,768.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,559.84	1/2	4,299.53	1/2	4,033.74	1/2	3,755.10	1/2	3,464.68	1/2	3,121.72	1/2	2,760.66
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,553.71	3/4	4,294.14	3/4	4,028.06	3/4	3,749.16	3/4	3,458.55	3/4	3,114.20	3/4	2,753.14
10		10		10		10	4,547.58	10	4,288.74	10	4,022.37	10	3,743.23	10	3,452.42	10	3,106.67	10	2,745.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,541.45	1/4	4,283.34	1/4	4,016.68	1/4	3,737.29	1/4	3,446.29	1/4	3,099.15	1/4	2,738.09
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,535.32	1/2	4,277.92	1/2	4,010.97	1/2	3,731.34	1/2	3,440.02	1/2	3,091.63	1/2	2,730.57
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,529.18	3/4	4,272.50	3/4	4,005.27	3/4	3,725.38	3/4	3,433.75	3/4	3,084.11	3/4	2,723.05
11		11		11		11	4,523.05	11	4,267.08	11	3,999.56	11	3,719.43	11	3,427.48	11	3,076.59	11	2,715.52
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,516.92	1/4	4,261.66	1/4	3,993.86	1/4	3,713.47	1/4	3,421.21	1/4	3,069.07	1/4	2,708.00
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,511.69	1/2	4,256.22	1/2	3,988.13	1/2	3,707.50	1/2	3,414.66	1/2	3,061.54	1/2	2,700.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,506.46	3/4	4,250.78	3/4	3,982.41	3/4	3,701.52	3/4	3,408.11	3/4	3,054.02	3/4	2,692.95

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

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

PRECISION MEASUREMENT  
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



# BARGE "KIRBY 28058"

## 3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/4"

10 FT.		11 FT.		12 FT.		13 FT.		14 FT.		15 FT.		16 FT.		17 FT.		18 FT.		19 FT.	
0	2,324.31	0	1,963.19	0	1,602.07	0	1,240.96	0	880.61	0	519.53	0	158.43	0		0		0	
1/4	2,316.79	1/4	1,955.67	1/4	1,594.55	1/4	1,233.43	1/4	873.11	1/4	512.01	1/4	150.91	1/4	1/4	1/4		1/4	
1/2	2,309.26	1/2	1,948.15	1/2	1,587.03	1/2	1,225.91	1/2	865.59	1/2	504.49	1/2	143.38	1/2	1/2	1/2		1/2	
3/4	2,301.74	3/4	1,940.62	3/4	1,579.50	3/4	1,218.39	3/4	858.07	3/4	496.96	3/4	135.86	3/4	3/4	3/4		3/4	
1	2,294.22	1	1,933.10	1	1,571.98	1	1,210.86	1	850.54	1	489.44	1	128.34	1	1	1		1	
1/4	2,286.69	1/4	1,925.58	1/4	1,564.46	1/4	1,203.34	1/4	843.02	1/4	481.92	1/4	120.81	1/4	1/4	1/4		1/4	
1/2	2,279.17	1/2	1,918.05	1/2	1,556.93	1/2	1,195.82	1/2	835.50	1/2	474.39	1/2	113.29	1/2	1/2	1/2		1/2	
3/4	2,271.65	3/4	1,910.53	3/4	1,549.41	3/4	1,188.29	3/4	827.98	3/4	466.87	3/4	105.77	3/4	3/4	3/4		3/4	
2	2,264.12	2	1,903.01	2	1,541.89	2	1,180.77	2	820.45	2	459.35	2	98.24	2	2	2		2	
1/4	2,256.60	1/4	1,895.48	1/4	1,534.36	1/4	1,173.25	1/4	812.93	1/4	451.83	1/4	90.72	1/4	1/4	1/4		1/4	
1/2	2,249.08	1/2	1,887.96	1/2	1,526.84	1/2	1,165.72	1/2	805.41	1/2	444.30	1/2	83.20	1/2	1/2	1/2		1/2	
3/4	2,241.55	3/4	1,880.44	3/4	1,519.32	3/4	1,158.20	3/4	797.88	3/4	436.78	3/4	75.68	3/4	3/4	3/4		3/4	
3	2,234.03	3	1,872.91	3	1,511.79	3	1,150.68	3	790.36	3	429.26	3	68.15	3	3	3		3	
1/4	2,226.51	1/4	1,865.39	1/4	1,504.27	1/4	1,143.15	1/4	782.84	1/4	421.73	1/4	60.63	1/4	1/4	1/4		1/4	
1/2	2,218.98	1/2	1,857.87	1/2	1,496.75	1/2	1,135.63	1/2	775.31	1/2	414.21	1/2	54.05	1/2	1/2	1/2		1/2	
3/4	2,211.46	3/4	1,850.34	3/4	1,489.22	3/4	1,128.11	3/4	767.79	3/4	406.69	3/4	47.46	3/4	3/4	3/4		3/4	
4	2,203.94	4	1,842.82	4	1,481.70	4	1,120.58	4	760.27	4	399.16	4	40.88	4	4	4		4	
1/4	2,196.41	1/4	1,835.30	1/4	1,474.18	1/4	1,113.06	1/4	752.75	1/4	391.64	1/4	34.30	1/4	1/4	1/4		1/4	
1/2	2,188.89	1/2	1,827.77	1/2	1,466.65	1/2	1,105.56	1/2	745.22	1/2	384.12	1/2	29.60	1/2	1/2	1/2		1/2	
3/4	2,181.37	3/4	1,820.25	3/4	1,459.13	3/4	1,098.06	3/4	737.70	3/4	376.60	3/4	24.89	3/4	3/4	3/4		3/4	
5	2,173.84	5	1,812.73	5	1,451.61	5	1,090.56	5	730.18	5	369.07	5	20.19	5	5	5		5	
1/4	2,166.32	1/4	1,805.20	1/4	1,444.08	1/4	1,083.07	1/4	722.65	1/4	361.55	1/4	15.49	1/4	1/4	1/4		1/4	
1/2	2,158.80	1/2	1,797.68	1/2	1,436.56	1/2	1,075.57	1/2	715.13	1/2	354.03	1/2		1/2	1/2	1/2		1/2	
3/4	2,151.27	3/4	1,790.16	3/4	1,429.04	3/4	1,068.07	3/4	707.61	3/4	346.50	3/4		3/4	3/4	3/4		3/4	
6	2,143.75	6	1,782.63	6	1,421.51	6	1,060.57	6	700.08	6	338.98	6		6	6	6		6	
1/4	2,136.23	1/4	1,775.11	1/4	1,413.99	1/4	1,053.07	1/4	692.56	1/4	331.46	1/4		1/4	1/4	1/4		1/4	
1/2	2,128.70	1/2	1,767.59	1/2	1,406.47	1/2	1,045.57	1/2	685.04	1/2	323.93	1/2		1/2	1/2	1/2		1/2	
3/4	2,121.18	3/4	1,760.06	3/4	1,398.94	3/4	1,038.08	3/4	677.52	3/4	316.41	3/4		3/4	3/4	3/4		3/4	
7	2,113.66	7	1,752.54	7	1,391.42	7	1,030.58	7	669.99	7	308.89	7		7	7	7		7	
1/4	2,106.14	1/4	1,745.02	1/4	1,383.90	1/4	1,023.08	1/4	662.47	1/4	301.37	1/4		1/4	1/4	1/4		1/4	
1/2	2,098.61	1/2	1,737.49	1/2	1,376.37	1/2	1,015.58	1/2	654.95	1/2	293.84	1/2		1/2	1/2	1/2		1/2	
3/4	2,091.09	3/4	1,729.97	3/4	1,368.85	3/4	1,008.08	3/4	647.42	3/4	286.32	3/4		3/4	3/4	3/4		3/4	
8	2,083.57	8	1,722.45	8	1,361.33	8	1,000.58	8	639.90	8	278.80	8		8	8	8		8	
1/4	2,076.04	1/4	1,714.92	1/4	1,353.81	1/4	993.09	1/4	632.38	1/4	271.27	1/4		1/4	1/4	1/4		1/4	
1/2	2,068.52	1/2	1,707.40	1/2	1,346.28	1/2	985.59	1/2	624.85	1/2	263.75	1/2		1/2	1/2	1/2		1/2	
3/4	2,061.00	3/4	1,699.88	3/4	1,338.76	3/4	978.09	3/4	617.33	3/4	256.23	3/4		3/4	3/4	3/4		3/4	
9	2,053.47	9	1,692.35	9	1,331.24	9	970.59	9	609.81	9	248.70	9		9	9	9		9	
1/4	2,045.95	1/4	1,684.83	1/4	1,323.71	1/4	963.09	1/4	602.29	1/4	241.18	1/4		1/4	1/4	1/4		1/4	
1/2	2,038.43	1/2	1,677.31	1/2	1,316.19	1/2	955.60	1/2	594.76	1/2	233.66	1/2		1/2	1/2	1/2		1/2	
3/4	2,030.90	3/4	1,669.78	3/4	1,308.67	3/4	948.10	3/4	587.24	3/4	226.14	3/4		3/4	3/4	3/4		3/4	
10	2,023.38	10	1,662.26	10	1,301.14	10	940.60	10	579.72	10	218.61	10		10	10	10		10	
1/4	2,015.86	1/4	1,654.74	1/4	1,293.62	1/4	933.10	1/4	933.10	1/4	211.09	1/4		1/4	1/4	1/4		1/4	
1/2	2,008.33	1/2	1,647.21	1/2	1,286.10	1/2	925.60	1/2	925.60	1/2	203.57	1/2		1/2	1/2	1/2		1/2	
3/4	2,000.81	3/4	1,639.69	3/4	1,278.57	3/4	918.10	3/4	918.10	3/4	196.04	3/4		3/4	3/4	3/4		3/4	
11	1,993.29	11	1,632.17	11	1,271.05	11	910.61	11	910.61	11	188.52	11		11	11	11		11	
1/4	1,985.76	1/4	1,624.64	1/4	1,263.53	1/4	903.11	1/4	903.11	1/4	181.00	1/4		1/4	1/4	1/4		1/4	
1/2	1,978.24	1/2	1,617.12	1/2	1,256.00	1/2	895.61	1/2	895.61	1/2	173.47	1/2		1/2	1/2	1/2		1/2	
3/4	1,970.72	3/4	1,609.60	3/4	1,248.48	3/4	888.11	3/4	888.11	3/4	165.95	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

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



# BARGE "KIRBY 28058"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

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
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	
<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>		<b>1</b>	
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	
<b>2</b>	<b>2</b>	<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>		<b>2</b>	
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	
<b>3</b>	<b>3</b>	<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>		<b>3</b>	
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	
<b>4</b>	<b>4</b>	<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>		<b>4</b>	
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	
<b>5</b>	<b>5</b>	<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>		<b>5</b>	
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	
<b>6</b>	<b>6</b>	<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>		<b>6</b>	
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	
<b>7</b>	<b>7</b>	<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>		<b>7</b>	
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	
<b>8</b>	<b>8</b>	<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>		<b>8</b>	
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	
<b>9</b>	<b>9</b>	<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>		<b>9</b>	
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	
<b>10</b>	<b>10</b>	<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>		<b>10</b>	
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	
<b>11</b>	<b>11</b>	<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>		<b>11</b>	
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 41'-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 28058"

## 3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN WHOLE BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-05 1/2"

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	
0	2,310.75	0	1,951.52	0	1,593.07	0	1,232.64	0	878.70	0	525.91	0	165.92	0		0		0	
1/4	2,303.24	1/4	1,944.07	1/4	1,585.56	1/4	1,225.13	1/4	871.33	1/4	518.54	1/4	158.40	1/4	1/4		1/4	1/4	1/4
1/2	2,295.74	1/2	1,936.63	1/2	1,578.05	1/2	1,217.62	1/2	863.97	1/2	511.17	1/2	150.87	1/2	1/2		1/2	1/2	1/2
3/4	2,288.23	3/4	1,929.19	3/4	1,570.54	3/4	1,210.25	3/4	856.59	3/4	503.73	3/4	143.35	3/4	3/4		3/4	3/4	3/4
1	2,280.72	1	1,921.74	1	1,563.03	1	1,202.88	1	849.22	1	496.28	1	135.83	1	1		1	1	1
1/4	2,273.21	1/4	1,914.30	1/4	1,555.52	1/4	1,195.50	1/4	841.85	1/4	488.84	1/4	128.31	1/4	1/4		1/4	1/4	1/4
1/2	2,265.70	1/2	1,906.86	1/2	1,548.01	1/2	1,188.13	1/2	834.48	1/2	481.40	1/2	120.79	1/2	1/2		1/2	1/2	1/2
3/4	2,258.19	3/4	1,899.41	3/4	1,540.50	3/4	1,180.76	3/4	827.11	3/4	473.89	3/4	113.27	3/4	3/4		3/4	3/4	3/4
2	2,250.69	2	1,891.97	2	1,532.99	2	1,173.39	2	819.74	2	466.38	2	105.75	2	2		2	2	2
1/4	2,243.18	1/4	1,884.53	1/4	1,525.49	1/4	1,166.01	1/4	812.37	1/4	458.87	1/4	98.22	1/4	1/4		1/4	1/4	1/4
1/2	2,235.67	1/2	1,877.09	1/2	1,517.98	1/2	1,158.64	1/2	805.00	1/2	451.36	1/2	90.70	1/2	1/2		1/2	1/2	1/2
3/4	2,228.16	3/4	1,869.64	3/4	1,510.47	3/4	1,151.27	3/4	797.65	3/4	443.85	3/4	83.18	3/4	3/4		3/4	3/4	3/4
3	2,220.65	3	1,862.20	3	1,502.96	3	1,143.90	3	790.30	3	436.34	3	75.66	3	3		3	3	3
1/4	2,213.14	1/4	1,854.76	1/4	1,495.45	1/4	1,136.52	1/4	782.95	1/4	428.83	1/4	68.14	1/4	1/4		1/4	1/4	1/4
1/2	2,205.63	1/2	1,847.31	1/2	1,487.94	1/2	1,129.15	1/2	775.59	1/2	421.32	1/2	60.62	1/2	1/2		1/2	1/2	1/2
3/4	2,198.12	3/4	1,839.87	3/4	1,480.43	3/4	1,121.78	3/4	768.25	3/4	413.81	3/4	54.03	3/4	3/4		3/4	3/4	3/4
4	2,190.61	4	1,832.43	4	1,472.92	4	1,114.41	4	760.92	4	406.30	4	47.45	4	4		4	4	4
1/4	2,183.11	1/4	1,824.98	1/4	1,465.41	1/4	1,107.03	1/4	753.58	1/4	398.79	1/4	40.87	1/4	1/4		1/4	1/4	1/4
1/2	2,175.60	1/2	1,817.54	1/2	1,457.91	1/2	1,099.66	1/2	746.24	1/2	391.28	1/2	34.29	1/2	1/2		1/2	1/2	1/2
3/4	2,168.09	3/4	1,810.10	3/4	1,450.40	3/4	1,092.30	3/4	738.90	3/4	383.77	3/4	29.59	3/4	3/4		3/4	3/4	3/4
5	2,160.58	5	1,802.66	5	1,442.89	5	1,084.93	5	731.56	5	376.26	5	24.89	5	5		5	5	5
1/4	2,153.07	1/4	1,795.21	1/4	1,435.38	1/4	1,077.57	1/4	724.22	1/4	368.75	1/4	20.19	1/4	1/4		1/4	1/4	1/4
1/2	2,145.56	1/2	1,787.77	1/2	1,427.87	1/2	1,070.20	1/2	716.88	1/2	361.24	1/2	15.49	1/2	1/2		1/2	1/2	1/2
3/4	2,138.05	3/4	1,780.33	3/4	1,420.36	3/4	1,062.83	3/4	709.54	3/4	353.73	3/4		3/4	3/4		3/4	3/4	3/4
6	2,130.54	6	1,772.88	6	1,412.85	6	1,055.47	6	702.20	6	346.22	6		6	6		6	6	6
1/4	2,123.03	1/4	1,765.44	1/4	1,405.34	1/4	1,048.10	1/4	694.86	1/4	338.71	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,115.53	1/2	1,758.00	1/2	1,397.83	1/2	1,040.74	1/2	687.52	1/2	331.20	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,108.02	3/4	1,750.55	3/4	1,390.32	3/4	1,033.37	3/4	680.18	3/4	323.69	3/4		3/4	3/4		3/4	3/4	3/4
7	2,100.51	7	1,743.11	7	1,382.82	7	1,026.01	7	672.84	7	316.18	7		7	7		7	7	7
1/4	2,093.00	1/4	1,735.67	1/4	1,375.31	1/4	1,018.64	1/4	665.49	1/4	308.67	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,085.49	1/2	1,728.23	1/2	1,367.80	1/2	1,011.28	1/2	658.15	1/2	301.17	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,078.05	3/4	1,720.72	3/4	1,360.29	3/4	1,003.91	3/4	650.81	3/4	293.66	3/4		3/4	3/4		3/4	3/4	3/4
8	2,070.60	8	1,713.21	8	1,352.78	8	996.54	8	643.47	8	286.15	8		8	8		8	8	8
1/4	2,063.16	1/4	1,705.70	1/4	1,345.27	1/4	989.18	1/4	636.13	1/4	278.64	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,055.72	1/2	1,698.19	1/2	1,337.76	1/2	981.81	1/2	628.79	1/2	271.13	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,048.27	3/4	1,690.68	3/4	1,330.25	3/4	974.45	3/4	621.45	3/4	263.62	3/4		3/4	3/4		3/4	3/4	3/4
9	2,040.83	9	1,683.17	9	1,322.74	9	967.08	9	614.11	9	256.11	9		9	9		9	9	9
1/4	2,033.39	1/4	1,675.66	1/4	1,315.24	1/4	959.72	1/4	606.77	1/4	248.60	1/4		1/4	1/4		1/4	1/4	1/4
1/2	2,025.95	1/2	1,668.15	1/2	1,307.73	1/2	952.35	1/2	599.43	1/2	241.09	1/2		1/2	1/2		1/2	1/2	1/2
3/4	2,018.50	3/4	1,660.65	3/4	1,300.22	3/4	944.99	3/4	592.09	3/4	233.58	3/4		3/4	3/4		3/4	3/4	3/4
10	2,011.06	10	1,653.14	10	1,292.71	10	937.62	10	584.75	10	226.07	10		10	10		10	10	10
1/4	2,003.62	1/4	1,645.63	1/4	1,285.20	1/4	930.26	1/4	577.40	1/4	218.56	1/4		1/4	1/4		1/4	1/4	1/4
1/2	1,996.17	1/2	1,638.12	1/2	1,277.69	1/2	922.89	1/2	570.06	1/2	211.05	1/2		1/2	1/2		1/2	1/2	1/2
3/4	1,988.73	3/4	1,630.61	3/4	1,270.18	3/4	915.52	3/4	562.71	3/4	203.53	3/4		3/4	3/4		3/4	3/4	3/4
11	1,981.29	11	1,623.10	11	1,262.67	11	908.16	11	555.36	11	196.00	11		11	11		11	11	11
1/4	1,973.84	1/4	1,615.59	1/4	1,255.16	1/4	900.79	1/4	548.00	1/4	188.48	1/4		1/4	1/4		1/4	1/4	1/4
1/2	1,966.40	1/2	1,608.08	1/2	1,247.66	1/2	893.43	1/2	540.65	1/2	180.96	1/2		1/2	1/2		1/2	1/2	1/2
3/4	1,958.96	3/4	1,600.57	3/4	1,240.15	3/4	886.06	3/4	533.28	3/4	173.44	3/4		3/4	3/4		3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/02/2008 CL - SW  
CALCULATED: 04/03/2008 CL  
VERIFIED: 09/06/2023 JS

CANCELS AND SUPERCEDES  
ALL PRIOR TO 09/2023

PRECISION MEASUREMENT  
& ANALYSIS, INC.  
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