



BARGE "KIRBY 30043B"

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	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
1 STBD	00-1/4	- 00-1/4	00-3/8	- 00-3/8	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-0/8	- 01-0/8	01-1/4	- 01-1/4
2 PORT	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
2 STBD	00-1/4	- 00-1/4	00-1/2	- 00-1/2	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/8	- 01-1/8	01-3/8	- 01-3/8
3 PORT	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8
3 STBD	00-1/2	- 00-1/2	01-0/8	- 01-0/8	01-1/2	- 01-1/2	02-0/8	- 02-0/8	02-5/8	- 02-5/8	03-1/8	- 03-1/8

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

LENGTH BETWEEN DRAFT MARKS: 285'-06"

June 1, 2023

**PRECISION MEASUREMENT
& ANALYSIS, INC.**

P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30043B"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.		
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	
0	0	0	0	0	0	4,272.99	0	3,980.66	0	3,681.03	0	3,367.15	0	3,040.08	0	2,708.90	0	2,377.70		
1/4	1/4	1/4	1/4	1/4	1/4	4,266.09	1/4	3,974.58	1/4	3,674.63	1/4	3,360.47	1/4	3,033.19	1/4	2,702.00	1/4	2,370.80		
1/2	1/2	1/2	1/2	1/2	1/2	4,259.19	1/2	3,968.49	1/2	3,668.22	1/2	3,353.79	1/2	3,026.29	1/2	2,695.10	1/2	2,363.90		
3/4	3/4	3/4	3/4	3/4	3/4	4,252.29	3/4	3,962.38	3/4	3,661.80	3/4	3,347.09	3/4	3,019.39	3/4	2,688.20	3/4	2,357.00		
1	1	1	1	1	1	4,245.39	1	3,956.28	1	3,655.38	1	3,340.39	1	3,012.49	1	2,681.30	1	2,350.10		
1/4	1/4	1/4	1/4	1/4	1/4	4,238.48	1/4	3,950.17	1/4	3,648.96	1/4	3,333.69	1/4	3,005.59	1/4	2,674.40	1/4	2,343.20		
1/2	1/2	1/2	1/2	1/2	1/2	4,231.58	1/2	3,944.06	1/2	3,642.54	1/2	3,326.98	1/2	2,998.69	1/2	2,667.50	1/2	2,336.30		
3/4	3/4	3/4	3/4	3/4	3/4	4,225.70	3/4	3,937.93	3/4	3,636.09	3/4	3,320.26	3/4	2,991.79	3/4	2,660.60	3/4	2,329.40		
2	2	2	2	2	2	4,219.81	2	3,931.80	2	3,629.65	2	3,313.53	2	2,984.89	2	2,653.70	2	2,322.49		
1/4	1/4	1/4	1/4	1/4	1/4	4,213.92	1/4	3,925.67	1/4	3,623.21	1/4	3,306.80	1/4	2,977.99	1/4	2,646.80	1/4	2,315.59		
1/2	1/2	1/2	1/2	1/2	1/2	4,208.04	1/2	3,919.54	1/2	3,616.77	1/2	3,300.07	1/2	2,971.09	1/2	2,639.90	1/2	2,308.69		
3/4	3/4	3/4	3/4	3/4	3/4	4,202.13	3/4	3,913.39	3/4	3,610.30	3/4	3,293.32	3/4	2,964.19	3/4	2,633.00	3/4	2,301.79		
3	3	3	3	3	3	4,196.22	3	3,907.24	3	3,603.83	3	3,286.57	3	2,957.29	3	2,626.10	3	2,294.89		
1/4	1/4	1/4	1/4	1/4	1/4	4,190.31	1/4	3,901.08	1/4	3,597.36	1/4	3,279.83	1/4	2,950.39	1/4	2,619.20	1/4	2,287.99		
1/2	1/2	1/2	1/2	1/2	1/2	4,184.41	1/2	3,894.93	1/2	3,590.88	1/2	3,273.08	1/2	2,943.49	1/2	2,612.30	1/2	2,281.09		
3/4	3/4	3/4	3/4	3/4	3/4	4,178.48	3/4	3,888.75	3/4	3,584.39	3/4	3,266.30	3/4	2,936.59	3/4	2,605.40	3/4	2,274.19		
4	4	4	4	4	4	4,172.55	4	3,882.58	4	3,577.90	4	3,259.52	4	2,929.69	4	2,598.50	4	2,267.29		
1/4	1/4	1/4	1/4	1/4	1/4	4,166.62	1/4	3,876.40	1/4	3,571.41	1/4	3,252.74	1/4	2,922.79	1/4	2,591.60	1/4	2,260.39		
1/2	1/2	1/2	1/2	1/2	1/2	4,160.69	1/2	3,870.22	1/2	3,564.92	1/2	3,245.96	1/2	2,915.89	1/2	2,584.70	1/2	2,253.49		
3/4	3/4	3/4	3/4	3/4	3/4	4,154.74	3/4	3,864.02	3/4	3,558.41	3/4	3,239.16	3/4	2,908.99	3/4	2,577.80	3/4	2,246.58		
5	5	5	5	5	5	4,148.78	5	3,857.82	5	3,551.89	5	3,232.36	5	2,902.09	5	2,570.91	5	2,239.68		
1/4	1/4	1/4	1/4	1/4	1/4	4,142.82	1/4	3,851.62	1/4	3,545.38	1/4	3,225.57	1/4	2,895.19	1/4	2,564.01	1/4	2,232.78		
1/2	1/2	1/2	1/2	1/2	1/2	4,136.87	1/2	3,845.42	1/2	3,538.87	1/2	3,218.77	1/2	2,888.29	1/2	2,557.11	1/2	2,225.88		
3/4	3/4	3/4	3/4	3/4	3/4	4,130.93	3/4	3,839.17	3/4	3,532.33	3/4	3,211.95	3/4	2,881.39	3/4	2,550.21	3/4	2,218.98		
6	6	6	6	6	6	4,124.98	6	3,832.91	6	3,525.79	6	3,205.13	6	2,874.49	6	2,543.31	6	2,212.08		
1/4	1/4	1/4	1/4	1/4	1/4	4,119.04	1/4	3,826.66	1/4	3,519.25	1/4	3,198.31	1/4	2,867.59	1/4	2,536.41	1/4	2,205.18		
1/2	1/2	1/2	1/2	1/2	1/2	4,113.10	1/2	3,820.40	1/2	3,512.71	1/2	3,191.49	1/2	2,860.69	1/2	2,529.51	1/2	2,198.28		
3/4	3/4	3/4	3/4	3/4	3/4	4,107.13	3/4	3,814.12	3/4	3,506.15	3/4	3,184.65	3/4	2,853.79	3/4	2,522.61	3/4	2,191.38		
7	7	7	7	7	7	4,101.17	7	3,807.84	7	3,499.59	7	3,177.80	7	2,846.89	7	2,515.71	7	2,184.48		
1/4	1/4	1/4	1/4	1/4	1/4	4,095.20	1/4	3,801.55	1/4	3,493.03	1/4	3,170.95	1/4	2,839.99	1/4	2,508.81	1/4	2,177.58		
1/2	1/2	1/2	1/2	1/2	1/2	4,089.24	1/2	3,795.27	1/2	3,486.46	1/2	3,164.10	1/2	2,833.09	1/2	2,501.91	1/2	2,170.67		
3/4	3/4	3/4	3/4	3/4	3/4	4,083.25	3/4	3,788.97	3/4	3,479.87	3/4	3,157.23	3/4	2,826.19	3/4	2,495.01	3/4	2,163.77		
8	8	8	8	8	8	4,077.26	8	3,782.67	8	3,473.28	8	3,150.37	8	2,819.29	8	2,488.11	8	2,156.87		
1/4	1/4	1/4	1/4	1/4	1/4	4,071.27	1/4	3,776.36	1/4	3,466.69	1/4	3,143.50	1/4	2,812.39	1/4	2,481.21	1/4	2,149.97		
1/2	1/2	1/2	1/2	1/2	1/2	4,065.27	1/2	3,770.06	1/2	3,460.10	1/2	3,136.63	1/2	2,805.50	1/2	2,474.31	1/2	2,143.07		
3/4	3/4	3/4	3/4	3/4	3/4	4,357.53	3/4	4,059.26	3/4	3,763.73	3/4	3,453.49	3/4	3,129.75	3/4	2,798.60	3/4	2,467.41	3/4	2,136.17
9	9	9	9	9	9	4,352.35	9	4,053.25	9	3,757.39	9	3,446.88	9	3,122.86	9	2,791.70	9	2,460.51	9	2,129.27
1/4	1/4	1/4	1/4	1/4	1/4	4,347.17	1/4	4,047.24	1/4	3,751.06	1/4	3,440.28	1/4	3,115.97	1/4	2,784.80	1/4	2,453.61	1/4	2,122.37
1/2	1/2	1/2	1/2	1/2	1/2	4,342.00	1/2	4,041.22	1/2	3,744.73	1/2	3,433.67	1/2	3,109.08	1/2	2,777.90	1/2	2,446.71	1/2	2,115.47
3/4	3/4	3/4	3/4	3/4	3/4	4,335.10	3/4	4,035.18	3/4	3,738.38	3/4	3,427.03	3/4	3,102.18	3/4	2,771.00	3/4	2,439.81	3/4	2,108.57
10	10	10	10	10	10	4,328.19	10	4,029.14	10	3,732.03	10	3,420.40	10	3,095.28	10	2,764.10	10	2,432.91	10	2,101.67
1/4	1/4	1/4	1/4	1/4	1/4	4,323.29	1/4	4,023.10	1/4	3,725.67	1/4	3,413.77	1/4	3,088.38	1/4	2,757.20	1/4	2,426.01	1/4	2,094.76
1/2	1/2	1/2	1/2	1/2	1/2	4,314.39	1/2	4,017.06	1/2	3,719.32	1/2	3,407.14	1/2	3,081.48	1/2	2,750.30	1/2	2,419.11	1/2	2,087.86
3/4	3/4	3/4	3/4	3/4	3/4	4,307.49	3/4	4,011.00	3/4	3,712.95	3/4	3,400.48	3/4	3,074.58	3/4	2,743.40	3/4	2,412.21	3/4	2,080.96
11	11	11	11	11	11	4,300.59	11	4,004.94	11	3,706.58	11	3,393.82	11	3,067.68	11	2,736.50	11	2,405.31	11	2,074.06
1/4	1/4	1/4	1/4	1/4	1/4	4,293.69	1/4	3,998.88	1/4	3,700.20	1/4	3,387.16	1/4	3,060.78	1/4	2,729.60	1/4	2,398.40	1/4	2,067.16
1/2	1/2	1/2	1/2	1/2	1/2	4,286.79	1/2	3,992.82	1/2	3,693.83	1/2	3,380.51	1/2	3,053.88	1/2	2,722.70	1/2	2,391.50	1/2	2,060.26
3/4	3/4	3/4	3/4	3/4	3/4	4,279.89	3/4	3,986.74	3/4	3,687.43	3/4	3,373.83	3/4	3,046.98	3/4	2,715.80	3/4	2,384.60	3/4	2,053.36

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 52'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30043B"

1 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,046.46	0	1,715.22	0	1,383.97	0	1,052.75	0	732.01	0	434.10	0	159.77	0		0		0	
1/4	2,039.56	1/4	1,708.31	1/4	1,377.07	1/4	1,045.86	1/4	725.56	1/4	428.14	1/4	154.30	1/4		1/4		1/4	
1/2	2,032.66	1/2	1,701.41	1/2	1,370.17	1/2	1,038.97	1/2	719.11	1/2	422.18	1/2	148.83	1/2		1/2		1/2	
3/4	2,025.76	3/4	1,694.51	3/4	1,363.27	3/4	1,032.09	3/4	712.70	3/4	416.26	3/4	143.40	3/4		3/4		3/4	
1	2,018.85	1	1,687.61	1	1,356.37	1	1,025.22	1	706.29	1	410.34	1	137.97	1		1		1	
1/4	2,011.95	1/4	1,680.71	1/4	1,349.47	1/4	1,018.34	1/4	699.87	1/4	404.42	1/4	132.54	1/4		1/4		1/4	
1/2	2,005.05	1/2	1,673.81	1/2	1,342.57	1/2	1,011.46	1/2	693.46	1/2	398.50	1/2	127.11	1/2		1/2		1/2	
3/4	1,998.15	3/4	1,666.91	3/4	1,335.67	3/4	1,004.61	3/4	687.09	3/4	392.62	3/4	121.72	3/4		3/4		3/4	
2	1,991.25	2	1,660.01	2	1,328.76	2	997.76	2	680.72	2	386.74	2	116.34	2		2		2	
1/4	1,984.35	1/4	1,653.11	1/4	1,321.86	1/4	990.91	1/4	674.35	1/4	380.86	1/4	110.95	1/4		1/4		1/4	
1/2	1,977.45	1/2	1,646.21	1/2	1,314.96	1/2	984.05	1/2	667.98	1/2	374.99	1/2	105.57	1/2		1/2		1/2	
3/4	1,970.55	3/4	1,639.31	3/4	1,308.06	3/4	977.24	3/4	661.65	3/4	369.15	3/4	100.22	3/4		3/4		3/4	
3	1,963.65	3	1,632.40	3	1,301.16	3	970.42	3	655.32	3	363.31	3	94.87	3		3		3	
1/4	1,956.75	1/4	1,625.50	1/4	1,294.26	1/4	963.60	1/4	648.99	1/4	357.47	1/4	89.53	1/4		1/4		1/4	
1/2	1,949.85	1/2	1,618.60	1/2	1,287.36	1/2	956.78	1/2	642.66	1/2	351.63	1/2	84.18	1/2		1/2		1/2	
3/4	1,942.94	3/4	1,611.70	3/4	1,280.46	3/4	950.01	3/4	636.38	3/4	345.83	3/4	78.88	3/4		3/4		3/4	
4	1,936.04	4	1,604.80	4	1,273.56	4	943.25	4	630.09	4	340.04	4	73.58	4		4		4	
1/4	1,929.14	1/4	1,597.90	1/4	1,266.66	1/4	936.49	1/4	623.80	1/4	334.24	1/4	68.28	1/4		1/4		1/4	
1/2	1,922.24	1/2	1,591.00	1/2	1,259.76	1/2	929.72	1/2	617.51	1/2	328.45	1/2	62.98	1/2		1/2		1/2	
3/4	1,915.34	3/4	1,584.10	3/4	1,252.85	3/4	923.00	3/4	611.27	3/4	322.69	3/4	57.71	3/4		3/4		3/4	
5	1,908.44	5	1,577.20	5	1,245.95	5	916.28	5	605.02	5	316.93	5	52.45	5		5		5	
1/4	1,901.54	1/4	1,570.30	1/4	1,239.05	1/4	909.55	1/4	598.77	1/4	311.17	1/4	47.18	1/4		1/4		1/4	
1/2	1,894.64	1/2	1,563.40	1/2	1,232.15	1/2	902.83	1/2	592.52	1/2	305.42	1/2	41.92	1/2		1/2		1/2	
3/4	1,887.74	3/4	1,556.49	3/4	1,225.25	3/4	896.15	3/4	586.31	3/4	299.70	3/4	37.56	3/4		3/4		3/4	
6	1,880.84	6	1,549.59	6	1,218.35	6	889.47	6	580.11	6	293.99	6	33.21	6		6		6	
1/4	1,873.94	1/4	1,542.69	1/4	1,211.45	1/4	882.78	1/4	573.90	1/4	288.27	1/4	28.85	1/4		1/4		1/4	
1/2	1,867.03	1/2	1,535.79	1/2	1,204.55	1/2	876.10	1/2	567.70	1/2	282.56	1/2	24.50	1/2		1/2		1/2	
3/4	1,860.13	3/4	1,528.89	3/4	1,197.65	3/4	869.46	3/4	561.53	3/4	276.88	3/4	21.90	3/4		3/4		3/4	
7	1,853.23	7	1,521.99	7	1,190.75	7	862.82	7	555.36	7	271.21	7	19.31	7		7		7	
1/4	1,846.33	1/4	1,515.09	1/4	1,183.85	1/4	856.18	1/4	549.20	1/4	265.53	1/4	16.72	1/4		1/4		1/4	
1/2	1,839.43	1/2	1,508.19	1/2	1,176.94	1/2	849.54	1/2	543.03	1/2	259.86	1/2	14.12	1/2		1/2		1/2	
3/4	1,832.53	3/4	1,501.29	3/4	1,170.04	3/4	842.94	3/4	536.91	3/4	254.23	3/4		3/4		3/4		3/4	
8	1,825.63	8	1,494.39	8	1,163.14	8	836.34	8	530.78	8	248.59	8		8		8		8	
1/4	1,818.73	1/4	1,487.49	1/4	1,156.24	1/4	829.74	1/4	524.66	1/4	242.96	1/4		1/4		1/4		1/4	
1/2	1,811.83	1/2	1,480.58	1/2	1,149.34	1/2	823.14	1/2	518.54	1/2	237.33	1/2		1/2		1/2		1/2	
3/4	1,804.93	3/4	1,473.68	3/4	1,142.44	3/4	816.58	3/4	512.45	3/4	231.74	3/4		3/4		3/4		3/4	
9	1,798.03	9	1,466.78	9	1,135.54	9	810.02	9	506.37	9	226.14	9		9		9		9	
1/4	1,791.13	1/4	1,459.88	1/4	1,128.64	1/4	803.46	1/4	500.28	1/4	220.55	1/4		1/4		1/4		1/4	
1/2	1,784.22	1/2	1,452.98	1/2	1,121.74	1/2	796.90	1/2	494.20	1/2	214.95	1/2		1/2		1/2		1/2	
3/4	1,777.32	3/4	1,446.08	3/4	1,114.84	3/4	790.38	3/4	488.16	3/4	209.40	3/4		3/4		3/4		3/4	
10	1,770.42	10	1,439.18	10	1,107.94	10	783.86	10	482.12	10	203.85	10		10		10		10	
1/4	1,763.52	1/4	1,432.28	1/4	1,101.04	1/4	777.35	1/4	476.07	1/4	198.30	1/4		1/4		1/4		1/4	
1/2	1,756.62	1/2	1,425.38	1/2	1,094.13	1/2	770.83	1/2	470.03	1/2	192.76	1/2		1/2		1/2		1/2	
3/4	1,749.72	3/4	1,418.48	3/4	1,087.23	3/4	764.35	3/4	464.03	3/4	187.24	3/4		3/4		3/4		3/4	
11	1,742.82	11	1,411.58	11	1,080.33	11	757.87	11	458.03	11	181.73	11		11		11		11	
1/4	1,735.92	1/4	1,404.67	1/4	1,073.44	1/4	751.40	1/4	452.02	1/4	176.22	1/4		1/4		1/4		1/4	
1/2	1,729.02	1/2	1,397.77	1/2	1,066.54	1/2	744.92	1/2	446.02	1/2	170.70	1/2		1/2		1/2		1/2	
3/4	1,722.12	3/4	1,390.87	3/4	1,059.64	3/4	738.47	3/4	440.06	3/4	165.24	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
CALCULATED: 04/20/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30043B"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 3/4"

0 FT.				1 FT.				2 FT.				3 FT.				4 FT.				5 FT.				6 FT.				7 FT.				8 FT.				9 FT.											
IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	IN	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			
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	1/4	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	1/4	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	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	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	3/4	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	3/4	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	1	1	1	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	1/4	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	1/4	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	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	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	3/4	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	3/4	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 52'-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 30043B"

1 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,052.49	0	1,721.10	0	1,389.71	0	1,058.33	0	738.55	0	440.25	0	165.30	0		0		0	
1/4	2,045.59	1/4	1,714.20	1/4	1,382.81	1/4	1,051.44	1/4	732.13	1/4	434.28	1/4	159.83	1/4		1/4		1/4	
1/2	2,038.69	1/2	1,707.29	1/2	1,375.90	1/2	1,044.54	1/2	725.71	1/2	428.32	1/2	154.37	1/2		1/2		1/2	
3/4	2,031.78	3/4	1,700.39	3/4	1,369.00	3/4	1,037.65	3/4	719.29	3/4	422.36	3/4	148.90	3/4		3/4		3/4	
1	2,024.88	1	1,693.49	1	1,362.09	1	1,030.77	1	712.91	1	416.44	1	143.46	1		1		1	
1/4	2,017.97	1/4	1,686.58	1/4	1,355.19	1/4	1,023.89	1/4	706.52	1/4	410.51	1/4	138.03	1/4		1/4		1/4	
1/2	2,011.07	1/2	1,679.68	1/2	1,348.29	1/2	1,017.01	1/2	700.14	1/2	404.59	1/2	132.59	1/2		1/2		1/2	
3/4	2,004.17	3/4	1,672.77	3/4	1,341.38	3/4	1,010.13	3/4	693.76	3/4	398.66	3/4	127.16	3/4		3/4		3/4	
2	1,997.26	2	1,665.87	2	1,334.48	2	1,003.31	2	687.38	2	392.78	2	121.77	2		2		2	
1/4	1,990.36	1/4	1,658.97	1/4	1,327.57	1/4	996.48	1/4	681.01	1/4	386.90	1/4	116.38	1/4		1/4		1/4	
1/2	1,983.45	1/2	1,652.06	1/2	1,320.67	1/2	989.65	1/2	674.64	1/2	381.02	1/2	111.00	1/2		1/2		1/2	
3/4	1,976.55	3/4	1,645.16	3/4	1,313.77	3/4	982.83	3/4	668.27	3/4	375.14	3/4	105.61	3/4		3/4		3/4	
3	1,969.65	3	1,638.25	3	1,306.86	3	976.04	3	661.93	3	369.30	3	100.26	3		3		3	
1/4	1,962.74	1/4	1,631.35	1/4	1,299.96	1/4	969.26	1/4	655.60	1/4	363.46	1/4	94.91	1/4		1/4		1/4	
1/2	1,955.84	1/2	1,624.45	1/2	1,293.05	1/2	962.47	1/2	649.27	1/2	357.62	1/2	89.56	1/2		1/2		1/2	
3/4	1,948.93	3/4	1,617.54	3/4	1,286.15	3/4	955.68	3/4	642.93	3/4	351.78	3/4	84.22	3/4		3/4		3/4	
4	1,942.03	4	1,610.64	4	1,279.25	4	948.96	4	636.64	4	345.98	4	78.91	4		4		4	
1/4	1,935.13	1/4	1,603.73	1/4	1,272.34	1/4	942.23	1/4	630.35	1/4	340.18	1/4	73.61	1/4		1/4		1/4	
1/2	1,928.22	1/2	1,596.83	1/2	1,265.44	1/2	935.50	1/2	624.06	1/2	334.38	1/2	68.30	1/2		1/2		1/2	
3/4	1,921.32	3/4	1,589.93	3/4	1,258.53	3/4	928.77	3/4	617.77	3/4	328.58	3/4	63.00	3/4		3/4		3/4	
5	1,914.41	5	1,583.02	5	1,251.63	5	922.09	5	611.52	5	322.82	5	57.74	5		5		5	
1/4	1,907.51	1/4	1,576.12	1/4	1,244.73	1/4	915.40	1/4	605.27	1/4	317.06	1/4	52.47	1/4		1/4		1/4	
1/2	1,900.61	1/2	1,569.21	1/2	1,237.82	1/2	908.71	1/2	599.02	1/2	311.30	1/2	47.20	1/2		1/2		1/2	
3/4	1,893.70	3/4	1,562.31	3/4	1,230.92	3/4	902.02	3/4	592.77	3/4	305.54	3/4	41.94	3/4		3/4		3/4	
6	1,886.80	6	1,555.41	6	1,224.01	6	895.38	6	586.56	6	299.83	6	37.58	6		6		6	
1/4	1,879.89	1/4	1,548.50	1/4	1,217.11	1/4	888.73	1/4	580.35	1/4	294.11	1/4	33.22	1/4		1/4		1/4	
1/2	1,872.99	1/2	1,541.60	1/2	1,210.21	1/2	882.08	1/2	574.14	1/2	288.40	1/2	28.86	1/2		1/2		1/2	
3/4	1,866.09	3/4	1,534.69	3/4	1,203.30	3/4	875.44	3/4	567.94	3/4	282.68	3/4	24.51	3/4		3/4		3/4	
7	1,859.18	7	1,527.79	7	1,196.40	7	868.83	7	561.77	7	277.00	7	21.91	7		7		7	
1/4	1,852.28	1/4	1,520.89	1/4	1,189.49	1/4	862.23	1/4	555.60	1/4	271.32	1/4	19.32	1/4		1/4		1/4	
1/2	1,845.37	1/2	1,513.98	1/2	1,182.59	1/2	855.62	1/2	549.43	1/2	265.64	1/2	16.72	1/2		1/2		1/2	
3/4	1,838.47	3/4	1,507.08	3/4	1,175.69	3/4	849.02	3/4	543.26	3/4	259.97	3/4	14.13	3/4		3/4		3/4	
8	1,831.57	8	1,500.17	8	1,168.78	8	842.45	8	537.13	8	254.33	8		8		8		8	
1/4	1,824.66	1/4	1,493.27	1/4	1,161.88	1/4	835.89	1/4	531.01	1/4	248.70	1/4		1/4		1/4		1/4	
1/2	1,817.76	1/2	1,486.37	1/2	1,154.97	1/2	829.33	1/2	524.88	1/2	243.06	1/2		1/2		1/2		1/2	
3/4	1,810.85	3/4	1,479.46	3/4	1,148.07	3/4	822.76	3/4	518.76	3/4	237.43	3/4		3/4		3/4		3/4	
9	1,803.95	9	1,472.56	9	1,141.17	9	816.24	9	512.67	9	231.83	9		9		9		9	
1/4	1,797.05	1/4	1,465.65	1/4	1,134.26	1/4	809.71	1/4	506.58	1/4	226.24	1/4		1/4		1/4		1/4	
1/2	1,790.14	1/2	1,458.75	1/2	1,127.36	1/2	803.19	1/2	500.49	1/2	220.64	1/2		1/2		1/2		1/2	
3/4	1,783.24	3/4	1,451.85	3/4	1,120.45	3/4	796.67	3/4	494.41	3/4	215.04	3/4		3/4		3/4		3/4	
10	1,776.33	10	1,444.94	10	1,113.55	10	790.18	10	488.36	10	209.49	10		10		10		10	
1/4	1,769.43	1/4	1,438.04	1/4	1,106.65	1/4	783.70	1/4	482.32	1/4	203.94	1/4		1/4		1/4		1/4	
1/2	1,762.53	1/2	1,431.13	1/2	1,099.74	1/2	777.22	1/2	476.27	1/2	198.39	1/2		1/2		1/2		1/2	
3/4	1,755.62	3/4	1,424.23	3/4	1,092.84	3/4	770.74	3/4	470.23	3/4	192.84	3/4		3/4		3/4		3/4	
11	1,748.72	11	1,417.33	11	1,085.94	11	764.29	11	464.22	11	187.32	11		11		11		11	
1/4	1,741.81	1/4	1,410.42	1/4	1,079.03	1/4	757.85	1/4	458.22	1/4	181.81	1/4		1/4		1/4		1/4	
1/2	1,734.91	1/2	1,403.52	1/2	1,072.13	1/2	751.41	1/2	452.21	1/2	176.29	1/2		1/2		1/2		1/2	
3/4	1,728.01	3/4	1,396.61	3/4	1,065.23	3/4	744.97	3/4	446.21	3/4	170.77	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
CALCULATED: 04/20/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30043B"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	
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	
1/2		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	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	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	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	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	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	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	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	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	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	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	
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	
1/2		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	11	11	11	11	11	11	11	11	11	11

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 52'-06" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 30043B"

2 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,574.24	0	2,185.44	0	1,796.65	0	1,407.85	0	1,019.06	0	631.03	0	242.67	0		0		0	
1/4	2,566.14	1/4	2,177.34	1/4	1,788.55	1/4	1,399.75	1/4	1,010.96	1/4	622.95	1/4	234.58	1/4		1/4		1/4	
1/2	2,558.04	1/2	2,169.24	1/2	1,780.45	1/2	1,391.65	1/2	1,002.86	1/2	614.86	1/2	226.49	1/2		1/2		1/2	
3/4	2,549.94	3/4	2,161.14	3/4	1,772.35	3/4	1,383.55	3/4	994.76	3/4	606.77	3/4	218.40	3/4		3/4		3/4	
1	2,541.84	1	2,153.04	1	1,764.25	1	1,375.45	1	986.66	1	598.68	1	210.30	1		1		1	
1/4	2,533.74	1/4	2,144.94	1/4	1,756.15	1/4	1,367.35	1/4	978.56	1/4	590.59	1/4	202.21	1/4		1/4		1/4	
1/2	2,525.64	1/2	2,136.84	1/2	1,748.05	1/2	1,359.25	1/2	970.46	1/2	582.50	1/2	194.12	1/2		1/2		1/2	
3/4	2,517.54	3/4	2,128.74	3/4	1,739.95	3/4	1,351.15	3/4	962.36	3/4	574.41	3/4	186.03	3/4		3/4		3/4	
2	2,509.44	2	2,120.64	2	1,731.85	2	1,343.05	2	954.26	2	566.32	2	177.94	2		2		2	
1/4	2,501.34	1/4	2,112.54	1/4	1,723.75	1/4	1,334.95	1/4	946.16	1/4	558.23	1/4	169.85	1/4		1/4		1/4	
1/2	2,493.24	1/2	2,104.44	1/2	1,715.65	1/2	1,326.85	1/2	938.06	1/2	550.13	1/2	161.76	1/2		1/2		1/2	
3/4	2,485.14	3/4	2,096.34	3/4	1,707.55	3/4	1,318.75	3/4	929.96	3/4	542.04	3/4	153.67	3/4		3/4		3/4	
3	2,477.04	3	2,088.24	3	1,699.45	3	1,310.65	3	921.86	3	533.95	3	145.57	3		3		3	
1/4	2,468.94	1/4	2,080.14	1/4	1,691.35	1/4	1,302.55	1/4	913.76	1/4	525.86	1/4	137.48	1/4		1/4		1/4	
1/2	2,460.84	1/2	2,072.04	1/2	1,683.25	1/2	1,294.45	1/2	905.66	1/2	517.77	1/2	129.39	1/2		1/2		1/2	
3/4	2,452.74	3/4	2,063.94	3/4	1,675.15	3/4	1,286.35	3/4	897.57	3/4	509.68	3/4	121.30	3/4		3/4		3/4	
4	2,444.64	4	2,055.84	4	1,667.05	4	1,278.25	4	889.48	4	501.59	4	113.21	4		4		4	
1/4	2,436.54	1/4	2,047.74	1/4	1,658.95	1/4	1,270.15	1/4	881.39	1/4	493.50	1/4	105.12	1/4		1/4		1/4	
1/2	2,428.44	1/2	2,039.64	1/2	1,650.85	1/2	1,262.05	1/2	873.30	1/2	485.41	1/2	97.03	1/2		1/2		1/2	
3/4	2,420.34	3/4	2,031.54	3/4	1,642.75	3/4	1,253.95	3/4	865.23	3/4	477.31	3/4	88.94	3/4		3/4		3/4	
5	2,412.24	5	2,023.44	5	1,634.65	5	1,245.85	5	857.15	5	469.22	5	80.85	5		5		5	
1/4	2,404.14	1/4	2,015.34	1/4	1,626.55	1/4	1,237.75	1/4	849.08	1/4	461.13	1/4	72.75	1/4		1/4		1/4	
1/2	2,396.04	1/2	2,007.24	1/2	1,618.45	1/2	1,229.65	1/2	841.00	1/2	453.04	1/2	64.66	1/2		1/2		1/2	
3/4	2,387.94	3/4	1,999.14	3/4	1,610.35	3/4	1,221.55	3/4	832.93	3/4	444.95	3/4	57.58	3/4		3/4		3/4	
6	2,379.84	6	1,991.04	6	1,602.25	6	1,213.45	6	824.85	6	436.86	6	50.50	6		6		6	
1/4	2,371.74	1/4	1,982.94	1/4	1,594.15	1/4	1,205.35	1/4	816.78	1/4	428.77	1/4	43.42	1/4		1/4		1/4	
1/2	2,363.64	1/2	1,974.84	1/2	1,586.05	1/2	1,197.25	1/2	808.70	1/2	420.68	1/2	36.34	1/2		1/2		1/2	
3/4	2,355.54	3/4	1,966.74	3/4	1,577.95	3/4	1,189.15	3/4	800.63	3/4	412.58	3/4	31.29	3/4		3/4		3/4	
7	2,347.44	7	1,958.64	7	1,569.85	7	1,181.05	7	792.55	7	404.49	7	26.24	7		7		7	
1/4	2,339.34	1/4	1,950.54	1/4	1,561.75	1/4	1,172.95	1/4	784.48	1/4	396.40	1/4	21.18	1/4		1/4		1/4	
1/2	2,331.24	1/2	1,942.44	1/2	1,553.65	1/2	1,164.85	1/2	776.40	1/2	388.31	1/2	16.13	1/2		1/2		1/2	
3/4	2,323.14	3/4	1,934.34	3/4	1,545.55	3/4	1,156.75	3/4	768.33	3/4	380.22	3/4		3/4		3/4		3/4	
8	2,315.04	8	1,926.24	8	1,537.45	8	1,148.65	8	760.25	8	372.13	8		8		8		8	
1/4	2,306.94	1/4	1,918.14	1/4	1,529.35	1/4	1,140.55	1/4	752.17	1/4	364.04	1/4		1/4		1/4		1/4	
1/2	2,298.84	1/2	1,910.04	1/2	1,521.25	1/2	1,132.45	1/2	744.10	1/2	355.95	1/2		1/2		1/2		1/2	
3/4	2,290.74	3/4	1,901.94	3/4	1,513.15	3/4	1,124.35	3/4	736.02	3/4	347.85	3/4		3/4		3/4		3/4	
9	2,282.64	9	1,893.84	9	1,505.05	9	1,116.25	9	727.95	9	339.76	9		9		9		9	
1/4	2,274.54	1/4	1,885.74	1/4	1,496.95	1/4	1,108.15	1/4	719.87	1/4	331.67	1/4		1/4		1/4		1/4	
1/2	2,266.44	1/2	1,877.64	1/2	1,488.85	1/2	1,100.05	1/2	711.80	1/2	323.58	1/2		1/2		1/2		1/2	
3/4	2,258.34	3/4	1,869.55	3/4	1,480.75	3/4	1,091.95	3/4	703.72	3/4	315.49	3/4		3/4		3/4		3/4	
10	2,250.24	10	1,861.45	10	1,472.65	10	1,083.85	10	695.65	10	307.40	10		10		10		10	
1/4	2,242.14	1/4	1,853.35	1/4	1,464.55	1/4	1,075.75	1/4	687.57	1/4	299.31	1/4		1/4		1/4		1/4	
1/2	2,234.04	1/2	1,845.25	1/2	1,456.45	1/2	1,067.65	1/2	679.50	1/2	291.22	1/2		1/2		1/2		1/2	
3/4	2,225.94	3/4	1,837.15	3/4	1,448.35	3/4	1,059.56	3/4	671.42	3/4	283.13	3/4		3/4		3/4		3/4	
11	2,217.84	11	1,829.05	11	1,440.25	11	1,051.46	11	663.35	11	275.03	11		11		11		11	
1/4	2,209.74	1/4	1,820.95	1/4	1,432.15	1/4	1,043.36	1/4	655.27	1/4	266.94	1/4		1/4		1/4		1/4	
1/2	2,201.64	1/2	1,812.85	1/2	1,424.05	1/2	1,035.26	1/2	647.20	1/2	258.85	1/2		1/2		1/2		1/2	
3/4	2,193.54	3/4	1,804.75	3/4	1,415.95	3/4	1,027.16	3/4	639.11	3/4	250.76	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
CALCULATED: 04/20/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30043B"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	5,170.86	0	4,828.62	0	4,477.73	0	4,109.44	0	3,725.68	0	3,337.08	0	2,948.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,162.76	1/4	4,821.52	1/4	4,470.22	1/4	4,101.60	1/4	3,717.58	1/4	3,328.99	1/4	2,940.36
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,154.66	1/2	4,814.41	1/2	4,462.71	1/2	4,093.77	1/2	3,709.49	1/2	3,320.89	1/2	2,932.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,146.57	3/4	4,807.27	3/4	4,455.17	3/4	4,085.90	3/4	3,701.39	3/4	3,312.79	3/4	2,924.17
1		1		1		1	5,138.47	1	4,800.14	1	4,447.64	1	4,078.04	1	3,693.30	1	3,304.70	1	2,916.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,130.37	1/4	4,793.00	1/4	4,440.11	1/4	4,070.18	1/4	3,685.20	1/4	3,296.60	1/4	2,907.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,122.27	1/2	4,785.86	1/2	4,432.57	1/2	4,062.32	1/2	3,677.11	1/2	3,288.51	1/2	2,899.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,115.36	3/4	4,778.70	3/4	4,425.01	3/4	4,054.42	3/4	3,669.01	3/4	3,280.41	3/4	2,891.77
2		2		2		2	5,108.45	2	4,771.54	2	4,417.45	2	4,046.53	2	3,660.91	2	3,272.32	2	2,883.68
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,101.54	1/4	4,764.38	1/4	4,409.89	1/4	4,038.63	1/4	3,652.82	1/4	3,264.22	1/4	2,875.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,094.64	1/2	4,757.22	1/2	4,402.33	1/2	4,030.74	1/2	3,644.72	1/2	3,256.12	1/2	2,867.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,087.70	3/4	4,750.03	3/4	4,394.74	3/4	4,022.82	3/4	3,636.63	3/4	3,248.03	3/4	2,859.38
3		3		3		3	5,080.77	3	4,742.84	3	4,387.15	3	4,014.90	3	3,628.53	3	3,239.93	3	2,851.28
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,073.84	1/4	4,735.66	1/4	4,379.56	1/4	4,006.98	1/4	3,620.43	1/4	3,231.84	1/4	2,843.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,066.91	1/2	4,728.47	1/2	4,371.96	1/2	3,999.06	1/2	3,612.34	1/2	3,223.74	1/2	2,835.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,059.95	3/4	4,721.25	3/4	4,364.35	3/4	3,991.11	3/4	3,604.24	3/4	3,215.64	3/4	2,826.99
4		4		4		4	5,052.99	4	4,714.03	4	4,356.73	4	3,983.15	4	3,596.15	4	3,207.55	4	2,818.89
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,046.03	1/4	4,706.82	1/4	4,349.11	1/4	3,975.20	1/4	3,588.05	1/4	3,199.45	1/4	2,810.79
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,039.08	1/2	4,699.60	1/2	4,341.50	1/2	3,967.24	1/2	3,579.96	1/2	3,191.36	1/2	2,802.69
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,032.09	3/4	4,692.35	3/4	4,333.85	3/4	3,959.27	3/4	3,571.86	3/4	3,183.26	3/4	2,794.60
5		5		5		5	5,025.10	5	4,685.11	5	4,326.21	5	3,951.29	5	3,563.76	5	3,175.17	5	2,786.50
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,018.11	1/4	4,677.87	1/4	4,318.57	1/4	3,943.32	1/4	3,555.67	1/4	3,167.07	1/4	2,778.40
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,011.12	1/2	4,670.63	1/2	4,310.93	1/2	3,935.34	1/2	3,547.57	1/2	3,158.97	1/2	2,770.30
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,004.17	3/4	4,663.29	3/4	4,303.26	3/4	3,927.34	3/4	3,539.48	3/4	3,150.88	3/4	2,762.20
6		6		6		6	4,997.23	6	4,655.95	6	4,295.58	6	3,919.34	6	3,531.38	6	3,142.78	6	2,754.11
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,990.29	1/4	4,648.61	1/4	4,287.91	1/4	3,911.34	1/4	3,523.29	1/4	3,134.69	1/4	2,746.01
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,983.35	1/2	4,641.27	1/2	4,280.24	1/2	3,903.34	1/2	3,515.19	1/2	3,126.59	1/2	2,737.91
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,976.38	3/4	4,633.90	3/4	4,272.54	3/4	3,895.30	3/4	3,507.09	3/4	3,118.50	3/4	2,729.81
7		7		7		7	4,969.41	7	4,626.53	7	4,264.84	7	3,887.27	7	3,499.00	7	3,110.40	7	2,721.71
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,962.44	1/4	4,619.15	1/4	4,257.14	1/4	3,879.23	1/4	3,490.90	1/4	3,102.30	1/4	2,713.62
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,955.47	1/2	4,611.78	1/2	4,249.44	1/2	3,871.20	1/2	3,482.81	1/2	3,094.21	1/2	2,705.52
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,948.47	3/4	4,604.39	3/4	4,241.71	3/4	3,863.14	3/4	3,474.71	3/4	3,086.11	3/4	2,697.42
8		8		8		8	4,941.47	8	4,596.99	8	4,233.98	8	3,855.08	8	3,466.61	8	3,078.02	8	2,689.32
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,934.47	1/4	4,589.60	1/4	4,226.24	1/4	3,847.03	1/4	3,458.52	1/4	3,069.92	1/4	2,681.22
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,927.47	1/2	4,582.20	1/2	4,218.51	1/2	3,838.97	1/2	3,450.42	1/2	3,061.82	1/2	2,673.13
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,920.45	3/4	4,574.77	3/4	4,210.76	3/4	3,830.89	3/4	3,442.33	3/4	3,053.73	3/4	2,665.03
9		9		9	5,263.99	9	4,913.42	9	4,567.34	9	4,203.00	9	3,822.80	9	3,434.23	9	3,045.63	9	2,656.93
1/4	1/4	1/4	1/4	1/4	5,257.91	1/4	4,906.40	1/4	4,559.91	1/4	4,195.25	1/4	3,814.72	1/4	3,426.14	1/4	3,037.54	1/4	2,648.83
1/2	1/2	1/2	1/2	1/2	5,251.84	1/2	4,899.37	1/2	4,552.48	1/2	4,187.49	1/2	3,806.64	1/2	3,418.04	1/2	3,029.44	1/2	2,640.73
3/4	3/4	3/4	3/4	3/4	5,243.74	3/4	4,892.32	3/4	4,545.02	3/4	4,179.71	3/4	3,798.54	3/4	3,409.94	3/4	3,021.34	3/4	2,632.63
10		10		10	5,235.64	10	4,885.26	10	4,537.57	10	4,171.93	10	3,790.45	10	3,401.85	10	3,013.25	10	2,624.54
1/4	1/4	1/4	1/4	1/4	5,227.55	1/4	4,878.20	1/4	4,530.12	1/4	4,164.15	1/4	3,782.35	1/4	3,393.75	1/4	3,005.15	1/4	2,616.44
1/2	1/2	1/2	1/2	1/2	5,219.45	1/2	4,871.15	1/2	4,522.67	1/2	4,156.37	1/2	3,774.26	1/2	3,385.66	1/2	2,997.05	1/2	2,608.34
3/4	3/4	3/4	3/4	3/4	5,211.35	3/4	4,864.07	3/4	4,515.19	3/4	4,148.55	3/4	3,766.16	3/4	3,377.56	3/4	2,988.95	3/4	2,600.24
11		11		11	5,203.25	11	4,856.99	11	4,507.71	11	4,140.74	11	3,758.06	11	3,369.47	11	2,980.85	11	2,592.14
1/4	1/4	1/4	1/4	1/4	5,195.15	1/4	4,849.91	1/4	4,500.23	1/4	4,132.93	1/4	3,749.97	1/4	3,361.37	1/4	2,972.75	1/4	2,584.05
1/2	1/2	1/2	1/2	1/2	5,187.06	1/2	4,842.83	1/2	4,492.75	1/2	4,125.11	1/2	3,741.87	1/2	3,353.27	1/2	2,964.66	1/2	2,575.95
3/4	3/4	3/4	3/4	3/4	5,178.96	3/4	4,835.72	3/4	4,485.24	3/4	4,117.28	3/4	3,733.78	3/4	3,345.18	3/4	2,956.56	3/4	2,567.85

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

BARGE STRAPPED AND COMPUTED IN ACCORDANCE WITH MPMS CHAPTER 2.7.

CAPACITY TABLE ONLY APPLIES WHEN BARGE IS ON EVEN KEEL.

CAPACITY TABLE EXTENDS TO EXTREME HEIGHT OF TANK.

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

GAUGE POINT: (HERMETIC) LOCATED 12'-09" OFF CENTERLINE AND 52'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 30043B"

2 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-07 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	2,559.75	0	2,171.04	0	1,782.33	0	1,393.63	0	1,004.92	0	629.39	0	243.23	0		0		0	
1/4	2,551.65	1/4	2,162.94	1/4	1,774.24	1/4	1,385.53	1/4	996.82	1/4	621.62	1/4	235.14	1/4		1/4		1/4	
1/2	2,543.56	1/2	2,154.85	1/2	1,766.14	1/2	1,377.43	1/2	988.72	1/2	613.84	1/2	227.04	1/2		1/2		1/2	
3/4	2,535.46	3/4	2,146.75	3/4	1,758.04	3/4	1,369.33	3/4	980.62	3/4	606.06	3/4	218.94	3/4		3/4		3/4	
1	2,527.36	1	2,138.65	1	1,749.94	1	1,361.23	1	972.52	1	598.27	1	210.85	1		1		1	
1/4	2,519.26	1/4	2,130.55	1/4	1,741.84	1/4	1,353.13	1/4	964.43	1/4	590.49	1/4	202.75	1/4		1/4		1/4	
1/2	2,511.16	1/2	2,122.45	1/2	1,733.75	1/2	1,345.04	1/2	956.33	1/2	582.70	1/2	194.65	1/2		1/2		1/2	
3/4	2,503.06	3/4	2,114.36	3/4	1,725.65	3/4	1,336.94	3/4	948.38	3/4	574.76	3/4	186.55	3/4		3/4		3/4	
2	2,494.97	2	2,106.26	2	1,717.55	2	1,328.84	2	940.44	2	566.81	2	178.46	2		2		2	
1/4	2,486.87	1/4	2,098.16	1/4	1,709.45	1/4	1,320.74	1/4	932.49	1/4	558.87	1/4	170.36	1/4		1/4		1/4	
1/2	2,478.77	1/2	2,090.06	1/2	1,701.35	1/2	1,312.64	1/2	924.55	1/2	550.93	1/2	162.26	1/2		1/2		1/2	
3/4	2,470.67	3/4	2,081.96	3/4	1,693.25	3/4	1,304.55	3/4	916.76	3/4	542.83	3/4	154.17	3/4		3/4		3/4	
3	2,462.57	3	2,073.87	3	1,685.16	3	1,296.45	3	908.97	3	534.73	3	146.07	3		3		3	
1/4	2,454.48	1/4	2,065.77	1/4	1,677.06	1/4	1,288.35	1/4	901.18	1/4	526.64	1/4	137.97	1/4		1/4		1/4	
1/2	2,446.38	1/2	2,057.67	1/2	1,668.96	1/2	1,280.25	1/2	893.39	1/2	518.54	1/2	129.87	1/2		1/2		1/2	
3/4	2,438.28	3/4	2,049.57	3/4	1,660.86	3/4	1,272.15	3/4	885.62	3/4	510.44	3/4	121.78	3/4		3/4		3/4	
4	2,430.18	4	2,041.47	4	1,652.76	4	1,264.06	4	877.84	4	502.34	4	113.68	4		4		4	
1/4	2,422.08	1/4	2,033.38	1/4	1,644.67	1/4	1,255.96	1/4	870.07	1/4	494.25	1/4	105.58	1/4		1/4		1/4	
1/2	2,413.99	1/2	2,025.28	1/2	1,636.57	1/2	1,247.86	1/2	862.30	1/2	486.15	1/2	97.48	1/2		1/2		1/2	
3/4	2,405.89	3/4	2,017.18	3/4	1,628.47	3/4	1,239.76	3/4	854.53	3/4	478.05	3/4	89.39	3/4		3/4		3/4	
5	2,397.79	5	2,009.08	5	1,620.37	5	1,231.66	5	846.77	5	469.96	5	81.29	5		5		5	
1/4	2,389.69	1/4	2,000.98	1/4	1,612.27	1/4	1,223.57	1/4	839.00	1/4	461.86	1/4	73.19	1/4		1/4		1/4	
1/2	2,381.59	1/2	1,992.88	1/2	1,604.18	1/2	1,215.47	1/2	831.24	1/2	453.76	1/2	65.10	1/2		1/2		1/2	
3/4	2,373.50	3/4	1,984.79	3/4	1,596.08	3/4	1,207.37	3/4	823.48	3/4	445.66	3/4	58.01	3/4		3/4		3/4	
6	2,365.40	6	1,976.69	6	1,587.98	6	1,199.27	6	815.71	6	437.57	6	50.92	6		6		6	
1/4	2,357.30	1/4	1,968.59	1/4	1,579.88	1/4	1,191.17	1/4	807.95	1/4	429.47	1/4	43.84	1/4		1/4		1/4	
1/2	2,349.20	1/2	1,960.49	1/2	1,571.78	1/2	1,183.07	1/2	800.19	1/2	421.37	1/2	36.75	1/2		1/2		1/2	
3/4	2,341.10	3/4	1,952.39	3/4	1,563.69	3/4	1,174.98	3/4	792.42	3/4	413.28	3/4	31.69	3/4		3/4		3/4	
7	2,333.00	7	1,944.30	7	1,555.59	7	1,166.88	7	784.66	7	405.18	7	26.63	7		7		7	
1/4	2,324.91	1/4	1,936.20	1/4	1,547.49	1/4	1,158.78	1/4	776.90	1/4	397.08	1/4	21.57	1/4		1/4		1/4	
1/2	2,316.81	1/2	1,928.10	1/2	1,539.39	1/2	1,150.68	1/2	769.13	1/2	388.98	1/2	16.51	1/2		1/2		1/2	
3/4	2,308.71	3/4	1,920.00	3/4	1,531.29	3/4	1,142.58	3/4	761.37	3/4	380.89	3/4		3/4		3/4		3/4	
8	2,300.61	8	1,911.90	8	1,523.19	8	1,134.49	8	753.61	8	372.79	8		8		8		8	
1/4	2,292.51	1/4	1,903.81	1/4	1,515.10	1/4	1,126.39	1/4	745.84	1/4	364.69	1/4		1/4		1/4		1/4	
1/2	2,284.42	1/2	1,895.71	1/2	1,507.00	1/2	1,118.29	1/2	738.08	1/2	356.60	1/2		1/2		1/2		1/2	
3/4	2,276.32	3/4	1,887.61	3/4	1,498.90	3/4	1,110.19	3/4	730.31	3/4	348.50	3/4		3/4		3/4		3/4	
9	2,268.22	9	1,879.51	9	1,490.80	9	1,102.09	9	722.55	9	340.40	9		9		9		9	
1/4	2,260.12	1/4	1,871.41	1/4	1,482.70	1/4	1,094.00	1/4	714.79	1/4	332.30	1/4		1/4		1/4		1/4	
1/2	2,252.02	1/2	1,863.32	1/2	1,474.61	1/2	1,085.90	1/2	707.02	1/2	324.21	1/2		1/2		1/2		1/2	
3/4	2,243.93	3/4	1,855.22	3/4	1,466.51	3/4	1,077.80	3/4	699.26	3/4	316.11	3/4		3/4		3/4		3/4	
10	2,235.83	10	1,847.12	10	1,458.41	10	1,069.70	10	691.50	10	308.01	10		10		10		10	
1/4	2,227.73	1/4	1,839.02	1/4	1,450.31	1/4	1,061.60	1/4	683.74	1/4	299.91	1/4		1/4		1/4		1/4	
1/2	2,219.63	1/2	1,830.92	1/2	1,442.21	1/2	1,053.51	1/2	675.98	1/2	291.82	1/2		1/2		1/2		1/2	
3/4	2,211.53	3/4	1,822.82	3/4	1,434.12	3/4	1,045.41	3/4	668.22	3/4	283.72	3/4		3/4		3/4		3/4	
11	2,203.44	11	1,814.73	11	1,426.02	11	1,037.31	11	660.45	11	275.62	11		11		11		11	
1/4	2,195.34	1/4	1,806.63	1/4	1,417.92	1/4	1,029.21	1/4	652.69	1/4	267.53	1/4		1/4		1/4		1/4	
1/2	2,187.24	1/2	1,798.53	1/2	1,409.82	1/2	1,021.11	1/2	644.93	1/2	259.43	1/2		1/2		1/2		1/2	
3/4	2,179.14	3/4	1,790.43	3/4	1,401.72	3/4	1,013.01	3/4	637.16	3/4	251.33	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/19/2013 CL - SW
CALCULATED: 04/20/2013 CL
VERIFIED: 06/01/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30043B"

3 PORT ULLAGE TABLE

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

GAUGE HEIGHT 16'-06 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	2,353.72	0	1,992.70	0	1,631.69	0	1,270.68	0	910.34	0	549.46	0	188.47	0		0		0	
1/4	2,346.19	1/4	1,985.18	1/4	1,624.17	1/4	1,263.16	1/4	902.84	1/4	541.94	1/4	180.94	1/4		1/4		1/4	
1/2	2,338.67	1/2	1,977.66	1/2	1,616.65	1/2	1,255.63	1/2	895.35	1/2	534.42	1/2	173.42	1/2		1/2		1/2	
3/4	2,331.15	3/4	1,970.14	3/4	1,609.13	3/4	1,248.11	3/4	887.85	3/4	526.90	3/4	165.90	3/4		3/4		3/4	
1	2,323.63	1	1,962.62	1	1,601.61	1	1,240.59	1	880.35	1	519.38	1	158.38	1		1		1	
1/4	2,316.11	1/4	1,955.10	1/4	1,594.08	1/4	1,233.07	1/4	872.86	1/4	511.86	1/4	150.86	1/4		1/4		1/4	
1/2	2,308.59	1/2	1,947.58	1/2	1,586.56	1/2	1,225.55	1/2	865.34	1/2	504.34	1/2	143.34	1/2		1/2		1/2	
3/4	2,301.07	3/4	1,940.05	3/4	1,579.04	3/4	1,218.03	3/4	857.82	3/4	496.82	3/4	135.82	3/4		3/4		3/4	
2	2,293.55	2	1,932.53	2	1,571.52	2	1,210.51	2	850.30	2	489.30	2	128.30	2		2		2	
1/4	2,286.03	1/4	1,925.01	1/4	1,564.00	1/4	1,202.99	1/4	842.78	1/4	481.78	1/4	120.78	1/4		1/4		1/4	
1/2	2,278.50	1/2	1,917.49	1/2	1,556.48	1/2	1,195.47	1/2	835.25	1/2	474.26	1/2	113.26	1/2		1/2		1/2	
3/4	2,270.98	3/4	1,909.97	3/4	1,548.96	3/4	1,187.94	3/4	827.73	3/4	466.74	3/4	105.74	3/4		3/4		3/4	
3	2,263.46	3	1,902.45	3	1,541.44	3	1,180.42	3	820.21	3	459.21	3	98.22	3		3		3	
1/4	2,255.94	1/4	1,894.93	1/4	1,533.92	1/4	1,172.90	1/4	812.69	1/4	451.69	1/4	90.70	1/4		1/4		1/4	
1/2	2,248.42	1/2	1,887.41	1/2	1,526.39	1/2	1,165.38	1/2	805.17	1/2	444.17	1/2	83.17	1/2		1/2		1/2	
3/4	2,240.90	3/4	1,879.89	3/4	1,518.87	3/4	1,157.86	3/4	797.65	3/4	436.65	3/4	75.65	3/4		3/4		3/4	
4	2,233.38	4	1,872.36	4	1,511.35	4	1,150.34	4	790.13	4	429.13	4	68.13	4		4		4	
1/4	2,225.86	1/4	1,864.84	1/4	1,503.83	1/4	1,142.82	1/4	782.61	1/4	421.61	1/4	60.61	1/4		1/4		1/4	
1/2	2,218.34	1/2	1,857.32	1/2	1,496.31	1/2	1,135.30	1/2	775.09	1/2	414.09	1/2	53.03	1/2		1/2		1/2	
3/4	2,210.81	3/4	1,849.80	3/4	1,488.79	3/4	1,127.78	3/4	767.57	3/4	406.57	3/4	47.45	3/4		3/4		3/4	
5	2,203.29	5	1,842.28	5	1,481.27	5	1,120.25	5	760.05	5	399.05	5	40.87	5		5		5	
1/4	2,195.77	1/4	1,834.76	1/4	1,473.75	1/4	1,112.73	1/4	752.53	1/4	391.53	1/4	34.29	1/4		1/4		1/4	
1/2	2,188.25	1/2	1,827.24	1/2	1,466.23	1/2	1,105.24	1/2	745.00	1/2	384.01	1/2	29.59	1/2		1/2		1/2	
3/4	2,180.73	3/4	1,819.72	3/4	1,458.70	3/4	1,097.74	3/4	737.48	3/4	376.49	3/4	24.89	3/4		3/4		3/4	
6	2,173.21	6	1,812.20	6	1,451.18	6	1,090.25	6	729.96	6	368.96	6	20.19	6		6		6	
1/4	2,165.69	1/4	1,804.67	1/4	1,443.66	1/4	1,082.75	1/4	722.44	1/4	361.44	1/4	15.49	1/4		1/4		1/4	
1/2	2,158.17	1/2	1,797.15	1/2	1,436.14	1/2	1,075.25	1/2	714.92	1/2	353.92	1/2		1/2		1/2		1/2	
3/4	2,150.65	3/4	1,789.63	3/4	1,428.62	3/4	1,067.76	3/4	707.40	3/4	346.40	3/4		3/4		3/4		3/4	
7	2,143.12	7	1,782.11	7	1,421.10	7	1,060.26	7	699.88	7	338.88	7		7		7		7	
1/4	2,135.60	1/4	1,774.59	1/4	1,413.58	1/4	1,052.76	1/4	692.36	1/4	331.36	1/4		1/4		1/4		1/4	
1/2	2,128.08	1/2	1,767.07	1/2	1,406.06	1/2	1,045.27	1/2	684.84	1/2	323.84	1/2		1/2		1/2		1/2	
3/4	2,120.56	3/4	1,759.55	3/4	1,398.54	3/4	1,037.77	3/4	677.32	3/4	316.32	3/4		3/4		3/4		3/4	
8	2,113.04	8	1,752.03	8	1,391.01	8	1,030.28	8	669.80	8	308.80	8		8		8		8	
1/4	2,105.52	1/4	1,744.51	1/4	1,383.49	1/4	1,022.78	1/4	662.28	1/4	301.28	1/4		1/4		1/4		1/4	
1/2	2,098.00	1/2	1,736.98	1/2	1,375.97	1/2	1,015.28	1/2	654.76	1/2	293.76	1/2		1/2		1/2		1/2	
3/4	2,090.48	3/4	1,729.46	3/4	1,368.45	3/4	1,007.79	3/4	647.23	3/4	286.24	3/4		3/4		3/4		3/4	
9	2,082.96	9	1,721.94	9	1,360.93	9	1,000.29	9	639.71	9	278.72	9		9		9		9	
1/4	2,075.43	1/4	1,714.42	1/4	1,353.41	1/4	992.80	1/4	632.19	1/4	271.19	1/4		1/4		1/4		1/4	
1/2	2,067.91	1/2	1,706.90	1/2	1,345.89	1/2	985.30	1/2	624.67	1/2	263.67	1/2		1/2		1/2		1/2	
3/4	2,060.39	3/4	1,699.38	3/4	1,338.37	3/4	977.80	3/4	617.15	3/4	256.15	3/4		3/4		3/4		3/4	
10	2,052.87	10	1,691.86	10	1,330.85	10	970.31	10	609.63	10	248.63	10		10		10		10	
1/4	2,045.35	1/4	1,684.34	1/4	1,323.32	1/4	962.81	1/4	602.11	1/4	241.11	1/4		1/4		1/4		1/4	
1/2	2,037.83	1/2	1,676.82	1/2	1,315.80	1/2	955.32	1/2	594.59	1/2	233.59	1/2		1/2		1/2		1/2	
3/4	2,030.31	3/4	1,669.30	3/4	1,308.28	3/4	947.82	3/4	587.07	3/4	226.07	3/4		3/4		3/4		3/4	
11	2,022.79	11	1,661.77	11	1,300.76	11	940.32	11	579.55	11	218.55	11		11		11		11	
1/4	2,015.27	1/4	1,654.25	1/4	1,293.24	1/4	932.83	1/4	572.03	1/4	211.03	1/4		1/4		1/4		1/4	
1/2	2,007.74	1/2	1,646.73	1/2	1,285.72	1/2	925.33	1/2	564.51	1/2	203.51	1/2		1/2		1/2		1/2	
3/4	2,000.22	3/4	1,639.21	3/4	1,278.20	3/4	917.84	3/4	556.98	3/4	195.99	3/4		3/4		3/4		3/4	

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CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

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



BARGE "KIRBY 30043B"

3 STBD ULLAGE TABLE

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

GAUGE HEIGHT 16'-05 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	2,318.17	0	1,958.89	0	1,600.52	0	1,240.10	0	886.03	0	533.26	0	173.43	0		0		0	
1/4	2,310.67	1/4	1,951.45	1/4	1,593.01	1/4	1,232.59	1/4	878.67	1/4	525.89	1/4	165.91	1/4		1/4		1/4	
1/2	2,303.16	1/2	1,944.00	1/2	1,585.50	1/2	1,225.09	1/2	871.30	1/2	518.52	1/2	158.39	1/2		1/2		1/2	
3/4	2,295.66	3/4	1,936.56	3/4	1,577.99	3/4	1,217.58	3/4	863.94	3/4	511.15	3/4	150.87	3/4		3/4		3/4	
1	2,288.15	1	1,929.12	1	1,570.48	1	1,210.20	1	856.56	1	503.71	1	143.35	1		1		1	
1/4	2,280.64	1/4	1,921.67	1/4	1,562.97	1/4	1,202.83	1/4	849.19	1/4	496.27	1/4	135.83	1/4		1/4		1/4	
1/2	2,273.13	1/2	1,914.23	1/2	1,555.46	1/2	1,195.46	1/2	841.82	1/2	488.83	1/2	128.31	1/2		1/2		1/2	
3/4	2,265.62	3/4	1,906.79	3/4	1,547.96	3/4	1,188.09	3/4	834.45	3/4	481.39	3/4	120.78	3/4		3/4		3/4	
2	2,258.12	2	1,899.35	2	1,540.45	2	1,180.72	2	827.08	2	473.88	2	113.26	2		2		2	
1/4	2,250.61	1/4	1,891.90	1/4	1,532.94	1/4	1,173.34	1/4	819.71	1/4	466.37	1/4	105.74	1/4		1/4		1/4	
1/2	2,243.10	1/2	1,884.46	1/2	1,525.43	1/2	1,165.97	1/2	812.34	1/2	458.86	1/2	98.22	1/2		1/2		1/2	
3/4	2,235.59	3/4	1,877.02	3/4	1,517.92	3/4	1,158.60	3/4	804.97	3/4	451.35	3/4	90.70	3/4		3/4		3/4	
3	2,228.08	3	1,869.57	3	1,510.41	3	1,151.23	3	797.62	3	443.84	3	83.18	3		3		3	
1/4	2,220.57	1/4	1,862.13	1/4	1,502.90	1/4	1,143.85	1/4	790.27	1/4	436.33	1/4	75.66	1/4		1/4		1/4	
1/2	2,213.06	1/2	1,854.69	1/2	1,495.40	1/2	1,136.48	1/2	782.92	1/2	428.82	1/2	68.13	1/2		1/2		1/2	
3/4	2,205.56	3/4	1,847.25	3/4	1,487.89	3/4	1,129.11	3/4	775.57	3/4	421.31	3/4	60.61	3/4		3/4		3/4	
4	2,198.05	4	1,839.80	4	1,480.38	4	1,121.74	4	768.23	4	413.80	4	54.03	4		4		4	
1/4	2,190.54	1/4	1,832.36	1/4	1,472.87	1/4	1,114.37	1/4	760.89	1/4	406.29	1/4	47.45	1/4		1/4		1/4	
1/2	2,183.03	1/2	1,824.92	1/2	1,465.36	1/2	1,106.99	1/2	753.55	1/2	398.78	1/2	40.87	1/2		1/2		1/2	
3/4	2,175.52	3/4	1,817.48	3/4	1,457.85	3/4	1,099.62	3/4	746.21	3/4	391.27	3/4	34.29	3/4		3/4		3/4	
5	2,168.01	5	1,810.03	5	1,450.34	5	1,092.26	5	738.87	5	383.76	5	29.59	5		5		5	
1/4	2,160.50	1/4	1,802.59	1/4	1,442.83	1/4	1,084.89	1/4	731.53	1/4	376.25	1/4	24.89	1/4		1/4		1/4	
1/2	2,152.99	1/2	1,795.15	1/2	1,435.33	1/2	1,077.53	1/2	724.19	1/2	368.74	1/2	20.19	1/2		1/2		1/2	
3/4	2,145.49	3/4	1,787.70	3/4	1,427.82	3/4	1,070.16	3/4	716.86	3/4	361.23	3/4	15.48	3/4		3/4		3/4	
6	2,137.98	6	1,780.26	6	1,420.31	6	1,062.80	6	709.52	6	353.72	6		6		6		6	
1/4	2,130.47	1/4	1,772.82	1/4	1,412.80	1/4	1,055.43	1/4	702.17	1/4	346.21	1/4		1/4		1/4		1/4	
1/2	2,122.96	1/2	1,765.38	1/2	1,405.29	1/2	1,048.07	1/2	694.83	1/2	338.70	1/2		1/2		1/2		1/2	
3/4	2,115.45	3/4	1,757.93	3/4	1,397.78	3/4	1,040.70	3/4	687.49	3/4	331.19	3/4		3/4		3/4		3/4	
7	2,107.94	7	1,750.49	7	1,390.27	7	1,033.33	7	680.15	7	323.68	7		7		7		7	
1/4	2,100.43	1/4	1,743.05	1/4	1,382.77	1/4	1,025.97	1/4	672.81	1/4	316.17	1/4		1/4		1/4		1/4	
1/2	2,092.92	1/2	1,735.60	1/2	1,375.26	1/2	1,018.60	1/2	665.47	1/2	308.66	1/2		1/2		1/2		1/2	
3/4	2,085.42	3/4	1,728.16	3/4	1,367.75	3/4	1,011.24	3/4	658.13	3/4	301.15	3/4		3/4		3/4		3/4	
8	2,077.97	8	1,720.65	8	1,360.24	8	1,003.87	8	650.79	8	293.65	8		8		8		8	
1/4	2,070.53	1/4	1,713.14	1/4	1,352.73	1/4	996.51	1/4	643.45	1/4	286.14	1/4		1/4		1/4		1/4	
1/2	2,063.09	1/2	1,705.64	1/2	1,345.22	1/2	989.14	1/2	636.11	1/2	278.63	1/2		1/2		1/2		1/2	
3/4	2,055.64	3/4	1,698.13	3/4	1,337.71	3/4	981.78	3/4	628.77	3/4	271.12	3/4		3/4		3/4		3/4	
9	2,048.20	9	1,690.62	9	1,330.21	9	974.41	9	621.43	9	263.61	9		9		9		9	
1/4	2,040.76	1/4	1,683.11	1/4	1,322.70	1/4	967.05	1/4	614.09	1/4	256.10	1/4		1/4		1/4		1/4	
1/2	2,033.32	1/2	1,675.60	1/2	1,315.19	1/2	959.68	1/2	606.75	1/2	248.59	1/2		1/2		1/2		1/2	
3/4	2,025.87	3/4	1,668.09	3/4	1,307.68	3/4	952.32	3/4	599.41	3/4	241.08	3/4		3/4		3/4		3/4	
10	2,018.43	10	1,660.58	10	1,300.17	10	944.95	10	592.07	10	233.57	10		10		10		10	
1/4	2,010.99	1/4	1,653.08	1/4	1,292.66	1/4	937.59	1/4	584.72	1/4	226.06	1/4		1/4		1/4		1/4	
1/2	2,003.55	1/2	1,645.57	1/2	1,285.15	1/2	930.22	1/2	577.38	1/2	218.55	1/2		1/2		1/2		1/2	
3/4	1,996.10	3/4	1,638.06	3/4	1,277.65	3/4	922.86	3/4	570.04	3/4	211.04	3/4		3/4		3/4		3/4	
11	1,988.66	11	1,630.55	11	1,270.14	11	915.49	11	562.69	11	203.52	11		11		11		11	
1/4	1,981.22	1/4	1,623.04	1/4	1,262.63	1/4	908.13	1/4	555.34	1/4	196.00	1/4		1/4		1/4		1/4	
1/2	1,973.77	1/2	1,615.53	1/2	1,255.12	1/2	900.76	1/2	547.98	1/2	188.48	1/2		1/2		1/2		1/2	
3/4	1,966.33	3/4	1,608.02	3/4	1,247.61	3/4	893.40	3/4	540.63	3/4	180.95	3/4		3/4		3/4		3/4	

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