



BARGE "KIRBY 29056"

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

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

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

LENGTH BETWEEN DRAFT MARKS: 236'-06"

July 3, 2023

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29056"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 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	4,191.70	0	3,902.37	0	3,598.54	0	3,280.91	0	2,951.36	0	2,620.07	0	2,288.75		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,185.79	1/4	3,896.22	1/4	3,592.07	1/4	3,274.16	1/4	2,944.46	1/4	2,613.17	1/4	2,281.85		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,179.86	1/2	3,890.04	1/2	3,585.58	1/2	3,267.38	1/2	2,937.56	1/2	2,606.27	1/2	2,274.94		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,173.93	3/4	3,883.86	3/4	3,579.08	3/4	3,260.59	3/4	2,930.66	3/4	2,599.36	3/4	2,268.04		
1		1		1		1	4,168.00	1	3,877.68	1	3,572.59	1	3,253.81	1	2,923.75	1	2,592.46	1	2,261.14		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,162.07	1/4	3,871.50	1/4	3,566.10	1/4	3,247.03	1/4	2,916.85	1/4	2,585.56	1/4	2,254.23		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,156.11	1/2	3,865.30	1/2	3,559.58	1/2	3,240.23	1/2	2,909.95	1/2	2,578.66	1/2	2,247.33		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,150.15	3/4	3,859.09	3/4	3,553.07	3/4	3,233.43	3/4	2,903.05	3/4	2,571.76	3/4	2,240.43		
2		2		2		2	4,144.19	2	3,852.89	2	3,546.55	2	3,226.63	2	2,896.15	2	2,564.86	2	2,233.52		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,138.24	1/4	3,846.69	1/4	3,540.04	1/4	3,219.83	1/4	2,889.24	1/4	2,557.95	1/4	2,226.62		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,132.29	1/2	3,840.43	1/2	3,533.49	1/2	3,213.01	1/2	2,882.34	1/2	2,551.05	1/2	2,219.72		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,126.35	3/4	3,834.18	3/4	3,526.95	3/4	3,206.19	3/4	2,875.44	3/4	2,544.15	3/4	2,212.81		
3		3		3		3	4,120.40	3	3,827.92	3	3,520.41	3	3,199.37	3	2,868.54	3	2,537.25	3	2,205.91		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,114.46	1/4	3,821.66	1/4	3,513.87	1/4	3,192.55	1/4	2,861.64	1/4	2,530.35	1/4	2,199.01		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,108.49	1/2	3,815.38	1/2	3,507.31	1/2	3,185.70	1/2	2,854.74	1/2	2,523.44	1/2	2,192.10		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,102.52	3/4	3,809.09	3/4	3,500.74	3/4	3,178.85	3/4	2,847.83	3/4	2,516.54	3/4	2,185.20		
4		4		4		4	4,096.56	4	3,802.81	4	3,494.18	4	3,172.00	4	2,840.93	4	2,509.64	4	2,178.30		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,090.59	1/4	3,796.53	1/4	3,487.62	1/4	3,165.15	1/4	2,834.03	1/4	2,502.74	1/4	2,171.39		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,084.60	1/2	3,790.22	1/2	3,481.02	1/2	3,158.28	1/2	2,827.13	1/2	2,495.84	1/2	2,164.49		
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,078.60	3/4	3,783.92	3/4	3,474.43	3/4	3,151.41	3/4	2,820.23	3/4	2,488.93	3/4	2,157.59		
5		5		5		5	4,072.61	5	3,777.61	5	3,467.84	5	3,144.54	5	2,813.32	5	2,482.03	5	2,150.69		
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,066.62	1/4	3,771.30	1/4	3,461.25	1/4	3,137.67	1/4	2,806.42	1/4	2,475.13	1/4	2,143.78		
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,358.97	1/2	4,060.60	1/2	3,764.97	1/2	3,454.63	1/2	3,130.78	1/2	2,799.52	1/2	2,468.23	1/2	2,136.88
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,353.79	3/4	4,054.59	3/4	3,758.64	3/4	3,448.02	3/4	3,123.89	3/4	2,792.62	3/4	2,461.33	3/4	2,129.98
6		6		6		6	4,348.61	6	4,048.57	6	3,752.30	6	3,441.41	6	3,117.00	6	2,785.72	6	2,454.42	6	2,123.07
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,343.43	1/4	4,042.56	1/4	3,745.97	1/4	3,434.80	1/4	3,110.11	1/4	2,778.81	1/4	2,447.52	1/4	2,116.17
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,336.53	1/2	4,036.52	1/2	3,739.61	1/2	3,428.17	1/2	3,103.20	1/2	2,771.91	1/2	2,440.62	1/2	2,109.27
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,329.62	3/4	4,030.47	3/4	3,733.26	3/4	3,421.53	3/4	3,096.30	3/4	2,765.01	3/4	2,433.72	3/4	2,102.36
7		7		7		7	4,322.72	7	4,024.43	7	3,726.90	7	3,414.90	7	3,089.40	7	2,758.11	7	2,426.81	7	2,095.46
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,315.82	1/4	4,018.39	1/4	3,720.55	1/4	3,408.27	1/4	3,082.50	1/4	2,751.21	1/4	2,419.91	1/4	2,088.56
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,308.92	1/2	4,012.33	1/2	3,714.18	1/2	3,401.61	1/2	3,075.60	1/2	2,744.30	1/2	2,413.01	1/2	2,081.65
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,302.01	3/4	4,006.26	3/4	3,707.80	3/4	3,394.94	3/4	3,068.69	3/4	2,737.40	3/4	2,406.10	3/4	2,074.75
8		8		8		8	4,295.11	8	4,000.20	8	3,701.43	8	3,388.28	8	3,061.79	8	2,730.50	8	2,399.20	8	2,067.85
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,288.21	1/4	3,994.14	1/4	3,695.05	1/4	3,381.62	1/4	3,054.89	1/4	2,723.60	1/4	2,392.30	1/4	2,060.94
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,281.30	1/2	3,988.06	1/2	3,688.65	1/2	3,374.94	1/2	3,047.99	1/2	2,716.70	1/2	2,385.39	1/2	2,054.04
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,274.40	3/4	3,981.97	3/4	3,682.24	3/4	3,368.26	3/4	3,041.09	3/4	2,709.80	3/4	2,378.49	3/4	2,047.14
9		9		9		9	4,267.50	9	3,975.89	9	3,675.84	9	3,361.58	9	3,034.18	9	2,702.89	9	2,371.59	9	2,040.23
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,260.59	1/4	3,969.81	1/4	3,669.44	1/4	3,354.90	1/4	3,027.28	1/4	2,695.99	1/4	2,364.68	1/4	2,033.33
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,253.69	1/2	3,963.69	1/2	3,663.01	1/2	3,348.19	1/2	3,020.38	1/2	2,689.09	1/2	2,357.78	1/2	2,026.43
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,246.79	3/4	3,957.58	3/4	3,656.59	3/4	3,341.49	3/4	3,013.48	3/4	2,682.19	3/4	2,350.88	3/4	2,019.52
10		10		10		10	4,239.88	10	3,951.47	10	3,650.16	10	3,334.79	10	3,006.58	10	2,675.29	10	2,343.97	10	2,012.62
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,232.98	1/4	3,945.36	1/4	3,643.74	1/4	3,328.08	1/4	2,999.67	1/4	2,668.38	1/4	2,337.07	1/4	2,005.72
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,227.09	1/2	3,939.23	1/2	3,637.30	1/2	3,321.35	1/2	2,992.77	1/2	2,661.48	1/2	2,330.17	1/2	1,998.81
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,221.20	3/4	3,933.10	3/4	3,630.85	3/4	3,314.62	3/4	2,985.87	3/4	2,654.58	3/4	2,323.27	3/4	1,991.91
11		11		11		11	4,215.31	11	3,926.96	11	3,624.41	11	3,307.89	11	2,978.97	11	2,647.68	11	2,316.36	11	1,985.01
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,209.43	1/4	3,920.83	1/4	3,617.96	1/4	3,301.16	1/4	2,972.07	1/4	2,640.78	1/4	2,309.46	1/4	1,978.11
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,203.52	1/2	3,914.68	1/2	3,611.49	1/2	3,294.41	1/2	2,965.17	1/2	2,633.87	1/2	2,302.56	1/2	1,971.20
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,197.61	3/4	3,908.53	3/4	3,605.02	3/4	3,287.66	3/4	2,958.26	3/4	2,626.97	3/4	2,295.65	3/4	1,964.30

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 37'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

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BARGE "KIRBY 29056"

1 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

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

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 0/2023

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



BARGE "KIRBY 29056"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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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'-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 29056"

1 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	1,969.17	0	1,637.86	0	1,306.55	0	975.81	0	661.77	0	369.21	0	100.24	0		0		0	
1/4	1,962.27	1/4	1,630.96	1/4	1,299.64	1/4	969.02	1/4	655.44	1/4	363.37	1/4	94.89	1/4	1/4		1/4		1/4
1/2	1,955.36	1/2	1,624.05	1/2	1,292.74	1/2	962.24	1/2	649.11	1/2	357.53	1/2	89.54	1/2	1/2		1/2		1/2
3/4	1,948.46	3/4	1,617.15	3/4	1,285.84	3/4	955.45	3/4	642.78	3/4	351.69	3/4	84.19	3/4	3/4		3/4		3/4
1	1,941.56	1	1,610.25	1	1,278.94	1	948.73	1	636.49	1	345.90	1	78.89	1	1		1		1
1/4	1,934.66	1/4	1,603.35	1/4	1,272.04	1/4	942.00	1/4	630.20	1/4	340.10	1/4	73.59	1/4	1/4		1/4		1/4
1/2	1,927.75	1/2	1,596.44	1/2	1,265.13	1/2	935.28	1/2	623.91	1/2	334.30	1/2	68.29	1/2	1/2		1/2		1/2
3/4	1,920.85	3/4	1,589.54	3/4	1,258.23	3/4	928.55	3/4	617.62	3/4	328.50	3/4	62.99	3/4	3/4		3/4		3/4
2	1,913.95	2	1,582.64	2	1,251.33	2	921.86	2	611.38	2	322.75	2	57.72	2	2		2		2
1/4	1,907.05	1/4	1,575.74	1/4	1,244.43	1/4	915.18	1/4	605.13	1/4	316.99	1/4	52.46	1/4	1/4		1/4		1/4
1/2	1,900.14	1/2	1,568.83	1/2	1,237.52	1/2	908.49	1/2	598.88	1/2	311.23	1/2	47.19	1/2	1/2		1/2		1/2
3/4	1,893.24	3/4	1,561.93	3/4	1,230.62	3/4	901.80	3/4	592.63	3/4	305.47	3/4	41.93	3/4	3/4		3/4		3/4
3	1,886.34	3	1,555.03	3	1,223.72	3	895.16	3	586.42	3	299.76	3	37.57	3	3		3		3
1/4	1,879.44	1/4	1,548.13	1/4	1,216.82	1/4	888.52	1/4	580.21	1/4	294.04	1/4	33.21	1/4	1/4		1/4		1/4
1/2	1,872.54	1/2	1,541.23	1/2	1,209.91	1/2	881.87	1/2	574.01	1/2	288.33	1/2	28.86	1/2	1/2		1/2		1/2
3/4	1,865.63	3/4	1,534.32	3/4	1,203.01	3/4	875.23	3/4	567.80	3/4	282.61	3/4	24.50	3/4	3/4		3/4		3/4
4	1,858.73	4	1,527.42	4	1,196.11	4	868.62	4	561.63	4	276.93	4	21.91	4	4		4		4
1/4	1,851.83	1/4	1,520.52	1/4	1,189.21	1/4	862.02	1/4	555.46	1/4	271.26	1/4	19.31	1/4	1/4		1/4		1/4
1/2	1,844.93	1/2	1,513.62	1/2	1,182.31	1/2	855.42	1/2	549.30	1/2	265.58	1/2	16.72	1/2	1/2		1/2		1/2
3/4	1,838.02	3/4	1,506.71	3/4	1,175.40	3/4	848.81	3/4	543.13	3/4	259.90	3/4	14.13	3/4	3/4		3/4		3/4
5	1,831.12	5	1,499.81	5	1,168.50	5	842.25	5	537.00	5	254.27	5		5	5		5		5
1/4	1,824.22	1/4	1,492.91	1/4	1,161.60	1/4	835.69	1/4	530.88	1/4	248.64	1/4		1/4	1/4		1/4		1/4
1/2	1,817.32	1/2	1,486.01	1/2	1,154.70	1/2	829.13	1/2	524.76	1/2	243.01	1/2		1/2	1/2		1/2		1/2
3/4	1,810.41	3/4	1,479.10	3/4	1,147.79	3/4	822.56	3/4	518.63	3/4	237.37	3/4		3/4	3/4		3/4		3/4
6	1,803.51	6	1,472.20	6	1,140.89	6	816.04	6	512.54	6	231.78	6		6	6		6		6
1/4	1,796.61	1/4	1,465.30	1/4	1,133.99	1/4	809.52	1/4	506.46	1/4	226.18	1/4		1/4	1/4		1/4		1/4
1/2	1,789.71	1/2	1,458.40	1/2	1,127.09	1/2	803.00	1/2	500.37	1/2	220.59	1/2		1/2	1/2		1/2		1/2
3/4	1,782.81	3/4	1,451.50	3/4	1,120.18	3/4	796.47	3/4	494.29	3/4	214.99	3/4		3/4	3/4		3/4		3/4
7	1,775.90	7	1,444.59	7	1,113.28	7	789.99	7	488.24	7	209.44	7		7	7		7		7
1/4	1,769.00	1/4	1,437.69	1/4	1,106.38	1/4	783.51	1/4	482.20	1/4	203.89	1/4		1/4	1/4		1/4		1/4
1/2	1,762.10	1/2	1,430.79	1/2	1,099.48	1/2	777.03	1/2	476.16	1/2	198.34	1/2		1/2	1/2		1/2		1/2
3/4	1,755.20	3/4	1,423.89	3/4	1,092.58	3/4	770.55	3/4	470.12	3/4	192.79	3/4		3/4	3/4		3/4		3/4
8	1,748.29	8	1,416.98	8	1,085.67	8	764.11	8	464.11	8	187.28	8		8	8		8		8
1/4	1,741.39	1/4	1,410.08	1/4	1,078.77	1/4	757.67	1/4	458.11	1/4	181.76	1/4		1/4	1/4		1/4		1/4
1/2	1,734.49	1/2	1,403.18	1/2	1,071.87	1/2	751.23	1/2	452.10	1/2	176.25	1/2		1/2	1/2		1/2		1/2
3/4	1,727.59	3/4	1,396.28	3/4	1,064.97	3/4	744.79	3/4	446.10	3/4	170.73	3/4		3/4	3/4		3/4		3/4
9	1,720.69	9	1,389.37	9	1,058.08	9	738.37	9	440.14	9	165.27	9		9	9		9		9
1/4	1,713.78	1/4	1,382.47	1/4	1,051.18	1/4	731.95	1/4	434.18	1/4	159.80	1/4		1/4	1/4		1/4		1/4
1/2	1,706.88	1/2	1,375.57	1/2	1,044.29	1/2	725.54	1/2	428.22	1/2	154.33	1/2		1/2	1/2		1/2		1/2
3/4	1,699.98	3/4	1,368.67	3/4	1,037.40	3/4	719.12	3/4	422.26	3/4	148.86	3/4		3/4	3/4		3/4		3/4
10	1,693.08	10	1,361.77	10	1,030.52	10	712.74	10	416.33	10	143.43	10		10	10		10		10
1/4	1,686.17	1/4	1,354.86	1/4	1,023.64	1/4	706.35	1/4	410.41	1/4	137.99	1/4		1/4	1/4		1/4		1/4
1/2	1,679.27	1/2	1,347.96	1/2	1,016.77	1/2	699.97	1/2	404.49	1/2	132.56	1/2		1/2	1/2		1/2		1/2
3/4	1,672.37	3/4	1,341.06	3/4	1,009.89	3/4	693.59	3/4	398.57	3/4	127.13	3/4		3/4	3/4		3/4		3/4
11	1,665.47	11	1,334.16	11	1,003.06	11	687.22	11	392.69	11	121.74	11		11	11		11		11
1/4	1,658.56	1/4	1,327.25	1/4	996.24	1/4	680.85	1/4	386.81	1/4	116.36	1/4		1/4	1/4		1/4		1/4
1/2	1,651.66	1/2	1,320.35	1/2	989.42	1/2	674.48	1/2	380.93	1/2	110.97	1/2		1/2	1/2		1/2		1/2
3/4	1,644.76	3/4	1,313.45	3/4	982.59	3/4	668.10	3/4	375.05	3/4	105.59	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 29056"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,088.00	0	4,750.53	0	4,395.31	0	4,023.55	0	3,637.69	0	3,249.61	0	2,861.48		
1/4		1/4		1/4		1/4	5,081.07	1/4	4,743.35	1/4	4,387.72	1/4	4,015.64	1/4	3,629.61	1/4	3,241.53	1/4	2,853.39		
1/2		1/2		1/2		1/2	5,074.15	1/2	4,736.17	1/2	4,380.14	1/2	4,007.73	1/2	3,621.52	1/2	3,233.44	1/2	2,845.30		
3/4		3/4		3/4		3/4	5,067.20	3/4	4,728.96	3/4	4,372.54	3/4	3,999.79	3/4	3,613.44	3/4	3,225.36	3/4	2,837.22		
1		1		1		1	5,060.25	1	4,721.76	1	4,364.93	1	3,991.85	1	3,605.35	1	3,217.28	1	2,829.13		
1/4		1/4		1/4		1/4	5,053.31	1/4	4,714.55	1/4	4,357.32	1/4	3,983.90	1/4	3,597.27	1/4	3,209.19	1/4	2,821.04		
1/2		1/2		1/2		1/2	5,046.36	1/2	4,707.34	1/2	4,349.72	1/2	3,975.96	1/2	3,589.18	1/2	3,201.11	1/2	2,812.95		
3/4		3/4		3/4		3/4	5,039.38	3/4	4,700.11	3/4	4,342.08	3/4	3,967.99	3/4	3,581.10	3/4	3,193.02	3/4	2,804.87		
2		2		2		2	5,032.40	2	4,692.87	2	4,334.45	2	3,960.03	2	3,573.01	2	3,184.94	2	2,796.78		
1/4		1/4		1/4		1/4	5,025.42	1/4	4,685.64	1/4	4,326.82	1/4	3,952.06	1/4	3,564.93	1/4	3,176.85	1/4	2,788.69		
1/2		1/2		1/2		1/2	5,018.44	1/2	4,678.41	1/2	4,319.19	1/2	3,944.10	1/2	3,556.84	1/2	3,168.77	1/2	2,780.60		
3/4		3/4		3/4		3/4	5,011.50	3/4	4,671.08	3/4	4,311.52	3/4	3,936.11	3/4	3,548.76	3/4	3,160.68	3/4	2,772.52		
3		3		3		3	5,004.57	3	4,663.75	3	4,303.86	3	3,928.12	3	3,540.67	3	3,152.60	3	2,764.43		
1/4		1/4		1/4		1/4	4,997.64	1/4	4,656.42	1/4	4,296.20	1/4	3,920.13	1/4	3,532.59	1/4	3,144.51	1/4	2,756.34		
1/2		1/2		1/2		1/2	4,990.70	1/2	4,649.09	1/2	4,288.54	1/2	3,912.14	1/2	3,524.50	1/2	3,136.43	1/2	2,748.25		
3/4		3/4		3/4		3/4	4,983.74	3/4	4,641.73	3/4	4,280.85	3/4	3,904.11	3/4	3,516.42	3/4	3,128.34	3/4	2,740.17		
4		4		4		4	4,976.79	4	4,634.36	4	4,273.16	4	3,896.09	4	3,508.33	4	3,120.26	4	2,732.08		
1/4		1/4		1/4		1/4	4,969.83	1/4	4,627.00	1/4	4,265.47	1/4	3,888.06	1/4	3,500.25	1/4	3,112.17	1/4	2,723.99		
1/2		1/2		1/2		1/2	4,962.87	1/2	4,619.64	1/2	4,257.78	1/2	3,880.04	1/2	3,492.16	1/2	3,104.09	1/2	2,715.90		
3/4		3/4		3/4		3/4	4,955.88	3/4	4,612.26	3/4	4,250.06	3/4	3,871.99	3/4	3,484.08	3/4	3,096.00	3/4	2,707.82		
5		5		5		5	4,948.89	5	4,604.87	5	4,242.34	5	3,863.94	5	3,475.99	5	3,087.92	5	2,699.73		
1/4		1/4		1/4		1/4	4,941.90	1/4	4,597.48	1/4	4,234.61	1/4	3,855.90	1/4	3,467.91	1/4	3,079.83	1/4	2,691.64		
1/2		1/2		1/2		1/2	4,934.91	1/2	4,590.10	1/2	4,226.89	1/2	3,847.85	1/2	3,459.82	1/2	3,071.75	1/2	2,683.55		
3/4		3/4		3/4		3/4	4,927.89	3/4	4,582.68	3/4	4,219.15	3/4	3,839.78	3/4	3,451.74	3/4	3,063.66	3/4	2,675.47		
6		6		6	5,270.97	6	4,920.88	6	4,575.26	6	4,211.40	6	3,831.70	6	3,443.65	6	3,055.58	6	2,667.38		
1/4		1/4		1/4	5,264.91	1/4	4,913.86	1/4	4,567.84	1/4	4,203.66	1/4	3,823.63	1/4	3,435.57	1/4	3,047.49	1/4	2,659.29		
1/2		1/2		1/2	5,258.84	1/2	4,906.84	1/2	4,560.42	1/2	4,195.91	1/2	3,815.56	1/2	3,427.48	1/2	3,039.41	1/2	2,651.20		
3/4		3/4		3/4	5,250.75	3/4	4,899.80	3/4	4,552.97	3/4	4,188.14	3/4	3,807.47	3/4	3,419.40	3/4	3,031.32	3/4	2,643.11		
7		7		7	5,242.67	7	4,892.75	7	4,545.53	7	4,180.37	7	3,799.39	7	3,411.31	7	3,023.23	7	2,635.03		
1/4		1/4		1/4	5,234.58	1/4	4,885.70	1/4	4,538.09	1/4	4,172.60	1/4	3,791.30	1/4	3,403.23	1/4	3,015.14	1/4	2,626.94		
1/2		1/2		1/2	5,226.49	1/2	4,878.66	1/2	4,530.64	1/2	4,164.83	1/2	3,783.22	1/2	3,395.14	1/2	3,007.06	1/2	2,618.85		
3/4		3/4		3/4	5,218.40	3/4	4,871.59	3/4	4,523.18	3/4	4,157.03	3/4	3,775.13	3/4	3,387.06	3/4	2,998.97	3/4	2,610.76		
8		8		8	5,210.32	8	4,864.52	8	4,515.71	8	4,149.23	8	3,767.05	8	3,378.97	8	2,990.88	8	2,602.68		
1/4		1/4		1/4	5,202.23	1/4	4,857.45	1/4	4,508.24	1/4	4,141.42	1/4	3,758.96	1/4	3,370.89	1/4	2,982.79	1/4	2,594.59		
1/2		1/2		1/2	5,194.14	1/2	4,850.38	1/2	4,500.77	1/2	4,133.62	1/2	3,750.88	1/2	3,362.80	1/2	2,974.71	1/2	2,586.50		
3/4		3/4		3/4	5,186.05	3/4	4,843.28	3/4	4,493.27	3/4	4,125.79	3/4	3,742.79	3/4	3,354.72	3/4	2,966.62	3/4	2,578.41		
9		9		9	5,177.96	9	4,836.19	9	4,485.77	9	4,117.97	9	3,734.71	9	3,346.63	9	2,958.53	9	2,570.33		
1/4		1/4		1/4	5,169.88	1/4	4,829.09	1/4	4,478.27	1/4	4,110.14	1/4	3,726.62	1/4	3,338.55	1/4	2,950.44	1/4	2,562.24		
1/2		1/2		1/2	5,161.79	1/2	4,822.00	1/2	4,470.77	1/2	4,102.31	1/2	3,718.54	1/2	3,330.46	1/2	2,942.36	1/2	2,554.15		
3/4		3/4		3/4	5,153.70	3/4	4,814.87	3/4	4,463.24	3/4	4,094.46	3/4	3,710.45	3/4	3,322.38	3/4	2,934.27	3/4	2,546.06		
10		10		10	5,145.61	10	4,807.74	10	4,455.72	10	4,086.61	10	3,702.37	10	3,314.29	10	2,926.18	10	2,537.98		
1/4		1/4		1/4	5,137.53	1/4	4,800.61	1/4	4,448.19	1/4	4,078.76	1/4	3,694.28	1/4	3,306.21	1/4	2,918.09	1/4	2,529.89		
1/2		1/2		1/2	5,129.44	1/2	4,793.49	1/2	4,440.67	1/2	4,070.90	1/2	3,686.20	1/2	3,298.12	1/2	2,910.01	1/2	2,521.80		
3/4		3/4		3/4	5,122.54	3/4	4,786.33	3/4	4,433.12	3/4	4,063.02	3/4	3,678.11	3/4	3,290.04	3/4	2,901.92	3/4	2,513.71		
11		11		11	5,115.64	11	4,779.18	11	4,425.57	11	4,055.14	11	3,670.03	11	3,281.95	11	2,893.83	11	2,505.63		
1/4		1/4		1/4	5,108.74	1/4	4,772.03	1/4	4,418.02	1/4	4,047.25	1/4	3,661.94	1/4	3,273.87	1/4	2,885.74	1/4	2,497.54		
1/2		1/2		1/2	5,101.84	1/2	4,764.88	1/2	4,410.47	1/2	4,039.37	1/2	3,653.86	1/2	3,265.78	1/2	2,877.66	1/2	2,489.45		
3/4		3/4		3/4	5,094.92	3/4	4,757.70	3/4	4,402.89	3/4	4,031.46	3/4	3,645.77	3/4	3,257.70	3/4	2,869.57	3/4	2,481.36		

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 44'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 29056"

2 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,473.28	0	2,085.07	0	1,696.87	0	1,308.66	0	920.46	0	533.14	0	145.35	0		0		0	
1/4	2,465.19	1/4	2,076.98	1/4	1,688.78	1/4	1,300.57	1/4	912.37	1/4	525.06	1/4	137.28	1/4		1/4		1/4	
1/2	2,457.10	1/2	2,068.90	1/2	1,680.69	1/2	1,292.49	1/2	904.28	1/2	516.98	1/2	129.20	1/2		1/2		1/2	
3/4	2,449.01	3/4	2,060.81	3/4	1,672.60	3/4	1,284.40	3/4	896.21	3/4	508.90	3/4	121.12	3/4		3/4		3/4	
1	2,440.92	1	2,052.72	1	1,664.52	1	1,276.31	1	888.13	1	500.83	1	113.04	1		1		1	
1/4	2,432.84	1/4	2,044.63	1/4	1,656.43	1/4	1,268.22	1/4	880.05	1/4	492.75	1/4	104.96	1/4		1/4		1/4	
1/2	2,424.75	1/2	2,036.54	1/2	1,648.34	1/2	1,260.14	1/2	871.98	1/2	484.67	1/2	96.88	1/2		1/2		1/2	
3/4	2,416.66	3/4	2,028.46	3/4	1,640.25	3/4	1,252.05	3/4	863.92	3/4	476.59	3/4	88.80	3/4		3/4		3/4	
2	2,408.57	2	2,020.37	2	1,632.16	2	1,243.96	2	855.85	2	468.51	2	80.72	2		2		2	
1/4	2,400.49	1/4	2,012.28	1/4	1,624.08	1/4	1,235.87	1/4	847.79	1/4	460.43	1/4	72.64	1/4		1/4		1/4	
1/2	2,392.40	1/2	2,004.19	1/2	1,615.99	1/2	1,227.78	1/2	839.73	1/2	452.35	1/2	64.56	1/2		1/2		1/2	
3/4	2,384.31	3/4	1,996.11	3/4	1,607.90	3/4	1,219.70	3/4	831.66	3/4	444.27	3/4	57.50	3/4		3/4		3/4	
3	2,376.22	3	1,988.02	3	1,599.81	3	1,211.61	3	823.60	3	436.19	3	50.43	3		3		3	
1/4	2,368.14	1/4	1,979.93	1/4	1,591.73	1/4	1,203.52	1/4	815.54	1/4	428.12	1/4	43.36	1/4		1/4		1/4	
1/2	2,360.05	1/2	1,971.84	1/2	1,583.64	1/2	1,195.43	1/2	807.47	1/2	420.04	1/2	36.29	1/2		1/2		1/2	
3/4	2,351.96	3/4	1,963.76	3/4	1,575.55	3/4	1,187.35	3/4	799.41	3/4	411.96	3/4	31.24	3/4		3/4		3/4	
4	2,343.87	4	1,955.67	4	1,567.46	4	1,179.26	4	791.35	4	403.88	4	26.20	4		4		4	
1/4	2,335.79	1/4	1,947.58	1/4	1,559.38	1/4	1,171.17	1/4	783.29	1/4	395.80	1/4	21.15	1/4		1/4		1/4	
1/2	2,327.70	1/2	1,939.49	1/2	1,551.29	1/2	1,163.08	1/2	775.22	1/2	387.72	1/2	16.10	1/2		1/2		1/2	
3/4	2,319.61	3/4	1,931.41	3/4	1,543.20	3/4	1,155.00	3/4	767.16	3/4	379.64	3/4		3/4		3/4		3/4	
5	2,311.52	5	1,923.32	5	1,535.11	5	1,146.91	5	759.10	5	371.56	5		5		5		5	
1/4	2,303.44	1/4	1,915.23	1/4	1,527.03	1/4	1,138.82	1/4	751.03	1/4	363.48	1/4		1/4		1/4		1/4	
1/2	2,295.35	1/2	1,907.14	1/2	1,518.94	1/2	1,130.73	1/2	742.97	1/2	355.41	1/2		1/2		1/2		1/2	
3/4	2,287.26	3/4	1,899.06	3/4	1,510.85	3/4	1,122.65	3/4	734.91	3/4	347.33	3/4		3/4		3/4		3/4	
6	2,279.17	6	1,890.97	6	1,502.76	6	1,114.56	6	726.84	6	339.25	6		6		6		6	
1/4	2,271.09	1/4	1,882.88	1/4	1,494.68	1/4	1,106.47	1/4	718.78	1/4	331.17	1/4		1/4		1/4		1/4	
1/2	2,263.00	1/2	1,874.79	1/2	1,486.59	1/2	1,098.38	1/2	710.72	1/2	323.09	1/2		1/2		1/2		1/2	
3/4	2,254.91	3/4	1,866.71	3/4	1,478.50	3/4	1,090.30	3/4	702.65	3/4	315.01	3/4		3/4		3/4		3/4	
7	2,246.82	7	1,858.62	7	1,470.41	7	1,082.21	7	694.59	7	306.93	7		7		7		7	
1/4	2,238.73	1/4	1,850.53	1/4	1,462.33	1/4	1,074.12	1/4	686.53	1/4	298.85	1/4		1/4		1/4		1/4	
1/2	2,230.65	1/2	1,842.44	1/2	1,454.24	1/2	1,066.03	1/2	678.46	1/2	290.77	1/2		1/2		1/2		1/2	
3/4	2,222.56	3/4	1,834.35	3/4	1,446.15	3/4	1,057.95	3/4	670.40	3/4	282.70	3/4		3/4		3/4		3/4	
8	2,214.47	8	1,826.27	8	1,438.06	8	1,049.86	8	662.34	8	274.62	8		8		8		8	
1/4	2,206.38	1/4	1,818.18	1/4	1,429.97	1/4	1,041.77	1/4	654.28	1/4	266.54	1/4		1/4		1/4		1/4	
1/2	2,198.30	1/2	1,810.09	1/2	1,421.89	1/2	1,033.68	1/2	646.21	1/2	258.46	1/2		1/2		1/2		1/2	
3/4	2,190.21	3/4	1,802.00	3/4	1,413.80	3/4	1,025.59	3/4	638.14	3/4	250.38	3/4		3/4		3/4		3/4	
9	2,182.12	9	1,793.92	9	1,405.71	9	1,017.51	9	630.07	9	242.30	9		9		9		9	
1/4	2,174.03	1/4	1,785.83	1/4	1,397.62	1/4	1,009.42	1/4	622.00	1/4	234.22	1/4		1/4		1/4		1/4	
1/2	2,165.95	1/2	1,777.74	1/2	1,389.54	1/2	1,001.33	1/2	613.93	1/2	226.14	1/2		1/2		1/2		1/2	
3/4	2,157.86	3/4	1,769.65	3/4	1,381.45	3/4	993.24	3/4	605.85	3/4	218.06	3/4		3/4		3/4		3/4	
10	2,149.77	10	1,761.57	10	1,373.36	10	985.16	10	597.77	10	209.99	10		10		10		10	
1/4	2,141.68	1/4	1,753.48	1/4	1,365.27	1/4	977.07	1/4	589.69	1/4	201.91	1/4		1/4		1/4		1/4	
1/2	2,133.60	1/2	1,745.39	1/2	1,357.19	1/2	968.98	1/2	581.61	1/2	193.83	1/2		1/2		1/2		1/2	
3/4	2,125.51	3/4	1,737.30	3/4	1,349.10	3/4	960.89	3/4	573.54	3/4	185.75	3/4		3/4		3/4		3/4	
11	2,117.42	11	1,729.22	11	1,341.01	11	952.81	11	565.46	11	177.67	11		11		11		11	
1/4	2,109.33	1/4	1,721.13	1/4	1,332.92	1/4	944.72	1/4	557.38	1/4	169.59	1/4		1/4		1/4		1/4	
1/2	2,101.25	1/2	1,713.04	1/2	1,324.84	1/2	936.63	1/2	549.30	1/2	161.51	1/2		1/2		1/2		1/2	
3/4	2,093.16	3/4	1,704.95	3/4	1,316.75	3/4	928.54	3/4	541.22	3/4	153.43	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
P.O. Box 2092
Pearland, Texas 77588
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BARGE "KIRBY 29056"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	5,087.14	0	4,749.50	0	4,394.25	0	4,022.37	0	3,636.22	0	3,247.67	0	2,859.06
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,080.21	1/4	4,742.32	1/4	4,386.66	1/4	4,014.46	1/4	3,628.13	1/4	3,239.57	1/4	2,850.97
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,073.28	1/2	4,735.13	1/2	4,379.07	1/2	4,006.54	1/2	3,620.03	1/2	3,231.48	1/2	2,842.87
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,066.34	3/4	4,727.95	3/4	4,371.48	3/4	3,998.62	3/4	3,611.94	3/4	3,223.38	3/4	2,834.77
1		1		1		1	5,059.39	1	4,720.73	1	4,363.86	1	3,990.67	1	3,603.84	1	3,215.29	1	2,826.67
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,052.43	1/4	4,713.51	1/4	4,356.25	1/4	3,982.71	1/4	3,595.75	1/4	3,207.19	1/4	2,818.58
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,045.47	1/2	4,706.29	1/2	4,348.63	1/2	3,974.76	1/2	3,587.65	1/2	3,199.10	1/2	2,810.48
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,038.52	3/4	4,699.08	3/4	4,341.02	3/4	3,966.80	3/4	3,579.56	3/4	3,191.00	3/4	2,802.38
2		2		2		2	5,031.53	2	4,691.83	2	4,333.37	2	3,958.83	2	3,571.46	2	3,182.91	2	2,794.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	5,024.54	1/4	4,684.59	1/4	4,325.73	1/4	3,950.86	1/4	3,563.37	1/4	3,174.81	1/4	2,786.19
1/2	1/2	1/2	1/2	1/2	1/2	1/2	5,017.55	1/2	4,677.35	1/2	4,318.09	1/2	3,942.88	1/2	3,555.27	1/2	3,166.72	1/2	2,778.09
3/4	3/4	3/4	3/4	3/4	3/4	3/4	5,010.56	3/4	4,670.11	3/4	4,310.45	3/4	3,934.91	3/4	3,547.18	3/4	3,158.62	3/4	2,769.99
3		3		3		3	5,003.62	3	4,662.77	3	4,302.78	3	3,926.91	3	3,539.08	3	3,150.53	3	2,761.90
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,996.68	1/4	4,655.43	1/4	4,295.11	1/4	3,918.91	1/4	3,530.99	1/4	3,142.43	1/4	2,753.80
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,989.74	1/2	4,648.09	1/2	4,287.43	1/2	3,910.91	1/2	3,522.89	1/2	3,134.34	1/2	2,745.70
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,982.79	3/4	4,640.75	3/4	4,279.76	3/4	3,902.91	3/4	3,514.80	3/4	3,126.24	3/4	2,737.61
4		4		4		4	4,975.82	4	4,633.38	4	4,272.06	4	3,894.87	4	3,506.70	4	3,118.15	4	2,729.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,968.86	1/4	4,626.01	1/4	4,264.37	1/4	3,886.84	1/4	3,498.61	1/4	3,110.05	1/4	2,721.41
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,961.89	1/2	4,618.64	1/2	4,256.67	1/2	3,878.80	1/2	3,490.51	1/2	3,101.96	1/2	2,713.31
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,954.92	3/4	4,611.27	3/4	4,248.97	3/4	3,870.77	3/4	3,482.42	3/4	3,093.86	3/4	2,705.22
5		5		5		5	4,947.92	5	4,603.88	5	4,241.24	5	3,862.71	5	3,474.32	5	3,085.77	5	2,697.12
1/4	1/4	1/4	1/4	1/4	1/4	1/4	4,940.92	1/4	4,596.48	1/4	4,233.51	1/4	3,854.66	1/4	3,466.23	1/4	3,077.67	1/4	2,689.02
1/2	1/2	1/2	1/2	1/2	1/2	1/2	4,933.93	1/2	4,589.09	1/2	4,225.77	1/2	3,846.60	1/2	3,458.13	1/2	3,069.58	1/2	2,680.93
3/4	3/4	3/4	3/4	3/4	3/4	3/4	4,926.93	3/4	4,581.69	3/4	4,218.04	3/4	3,838.54	3/4	3,450.04	3/4	3,061.48	3/4	2,672.83
6		6		6		6	4,919.90	6	4,574.26	6	4,210.29	6	3,830.46	6	3,441.94	6	3,053.39	6	2,664.73
1/4	1/4	1/4	5,263.40	1/4	4,912.88	1/4	4,566.83	1/4	4,202.53	1/4	3,822.38	1/4	3,433.85	1/4	3,043.29	1/4	2,656.63		
1/2	1/2	1/2	5,257.33	1/2	4,905.85	1/2	4,559.40	1/2	4,194.78	1/2	3,814.30	1/2	3,425.75	1/2	3,037.20	1/2	2,648.54		
3/4	3/4	3/4	5,251.26	3/4	4,898.83	3/4	4,551.97	3/4	4,187.03	3/4	3,806.22	3/4	3,417.66	3/4	3,029.10	3/4	2,640.44		
7		7		7		7	5,243.16	7	4,891.77	7	4,544.52	7	4,179.25	7	3,798.12	7	3,409.57	7	3,021.01
1/4	1/4	1/4	5,235.06	1/4	4,884.72	1/4	4,537.07	1/4	4,171.47	1/4	3,790.03	1/4	3,401.47	1/4	3,012.91	1/4	2,624.24		
1/2	1/2	1/2	5,226.97	1/2	4,877.66	1/2	4,529.62	1/2	4,163.69	1/2	3,781.93	1/2	3,393.38	1/2	3,004.81	1/2	2,616.15		
3/4	3/4	3/4	5,218.87	3/4	4,870.61	3/4	4,522.16	3/4	4,155.91	3/4	3,773.84	3/4	3,385.28	3/4	2,996.72	3/4	2,608.05		
8		8		8		8	5,210.77	8	4,863.53	8	4,514.69	8	4,148.09	8	3,765.74	8	3,377.19	8	2,988.62
1/4	1/4	1/4	5,202.67	1/4	4,856.45	1/4	4,507.21	1/4	4,140.28	1/4	3,757.65	1/4	3,369.09	1/4	2,980.52	1/4	2,591.86		
1/2	1/2	1/2	5,194.58	1/2	4,849.37	1/2	4,499.73	1/2	4,132.47	1/2	3,749.55	1/2	3,361.00	1/2	2,972.42	1/2	2,583.76		
3/4	3/4	3/4	5,186.48	3/4	4,842.29	3/4	4,492.26	3/4	4,124.66	3/4	3,741.46	3/4	3,352.90	3/4	2,964.33	3/4	2,575.66		
9		9		9		9	5,178.38	9	4,835.19	9	4,484.75	9	4,116.82	9	3,733.36	9	3,344.81	9	2,956.23
1/4	1/4	1/4	5,170.29	1/4	4,828.08	1/4	4,477.23	1/4	4,108.98	1/4	3,725.27	1/4	3,336.71	1/4	2,948.13	1/4	2,569.47		
1/2	1/2	1/2	5,162.19	1/2	4,820.98	1/2	4,469.72	1/2	4,101.15	1/2	3,717.17	1/2	3,328.62	1/2	2,940.04	1/2	2,561.37		
3/4	3/4	3/4	5,154.09	3/4	4,813.88	3/4	4,462.21	3/4	4,093.31	3/4	3,709.08	3/4	3,320.52	3/4	2,931.94	3/4	2,553.27		
10		10		10		10	5,145.99	10	4,806.74	10	4,454.68	10	4,085.45	10	3,700.98	10	3,312.43	10	2,923.84
1/4	1/4	1/4	5,137.90	1/4	4,799.60	1/4	4,447.15	1/4	4,077.59	1/4	3,692.89	1/4	3,304.33	1/4	2,915.74	1/4	2,527.08		
1/2	1/2	1/2	5,129.80	1/2	4,792.47	1/2	4,439.61	1/2	4,069.73	1/2	3,684.79	1/2	3,296.24	1/2	2,907.65	1/2	2,518.98		
3/4	3/4	3/4	5,121.70	3/4	4,785.33	3/4	4,432.08	3/4	4,061.86	3/4	3,676.70	3/4	3,288.14	3/4	2,899.55	3/4	2,510.88		
11		11		11		11	5,114.79	11	4,778.17	11	4,424.52	11	4,053.97	11	3,668.60	11	3,280.05	11	2,891.45
1/4	1/4	1/4	5,107.89	1/4	4,771.01	1/4	4,416.96	1/4	4,046.08	1/4	3,660.51	1/4	3,271.95	1/4	2,883.36	1/4	2,883.36	1/4	2,494.69
1/2	1/2	1/2	5,100.98	1/2	4,763.85	1/2	4,409.40	1/2	4,038.19	1/2	3,652.41	1/2	3,263.86	1/2	2,875.26	1/2	2,875.26	1/2	2,486.59
3/4	3/4	3/4	5,094.07	3/4	4,756.69	3/4	4,401.84	3/4	4,030.29	3/4	3,644.32	3/4	3,255.76	3/4	2,867.16	3/4	2,867.16	3/4	2,478.50

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 44'-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 29056"

2 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,470.40	0	2,081.73	0	1,693.07	0	1,304.40	0	916.66	0	542.77	0	154.15	0		0		0	
1/4	2,462.30	1/4	2,073.64	1/4	1,684.97	1/4	1,296.30	1/4	908.87	1/4	534.67	1/4	146.05	1/4	1/4	1/4		1/4	
1/2	2,454.20	1/2	2,065.54	1/2	1,676.87	1/2	1,288.21	1/2	901.08	1/2	526.58	1/2	137.96	1/2	1/2	1/2		1/2	
3/4	2,446.11	3/4	2,057.44	3/4	1,668.78	3/4	1,280.11	3/4	893.29	3/4	518.48	3/4	129.86	3/4	3/4	3/4		3/4	
1	2,438.01	1	2,049.34	1	1,660.68	1	1,272.01	1	885.52	1	510.39	1	121.76	1	1	1		1	
1/4	2,429.91	1/4	2,041.25	1/4	1,652.58	1/4	1,263.92	1/4	877.75	1/4	502.29	1/4	113.67	1/4	1/4	1/4		1/4	
1/2	2,421.81	1/2	2,033.15	1/2	1,644.48	1/2	1,255.82	1/2	869.97	1/2	494.19	1/2	105.57	1/2	1/2	1/2		1/2	
3/4	2,413.72	3/4	2,025.05	3/4	1,636.39	3/4	1,247.72	3/4	862.20	3/4	486.10	3/4	97.47	3/4	3/4	3/4		3/4	
2	2,405.62	2	2,016.95	2	1,628.29	2	1,239.62	2	854.44	2	478.00	2	89.38	2	2	2		2	
1/4	2,397.52	1/4	2,008.86	1/4	1,620.19	1/4	1,231.53	1/4	846.68	1/4	469.90	1/4	81.28	1/4	1/4	1/4		1/4	
1/2	2,389.43	1/2	2,000.76	1/2	1,612.09	1/2	1,223.43	1/2	838.91	1/2	461.81	1/2	73.19	1/2	1/2	1/2		1/2	
3/4	2,381.33	3/4	1,992.66	3/4	1,604.00	3/4	1,215.33	3/4	831.15	3/4	453.71	3/4	65.09	3/4	3/4	3/4		3/4	
3	2,373.23	3	1,984.57	3	1,595.90	3	1,207.23	3	823.39	3	445.61	3	58.00	3	3	3		3	
1/4	2,365.13	1/4	1,976.47	1/4	1,587.80	1/4	1,199.14	1/4	815.62	1/4	437.52	1/4	50.92	1/4	1/4	1/4		1/4	
1/2	2,357.04	1/2	1,968.37	1/2	1,579.71	1/2	1,191.04	1/2	807.86	1/2	429.42	1/2	43.83	1/2	1/2	1/2		1/2	
3/4	2,348.94	3/4	1,960.27	3/4	1,571.61	3/4	1,182.94	3/4	800.10	3/4	421.33	3/4	36.75	3/4	3/4	3/4		3/4	
4	2,340.84	4	1,952.18	4	1,563.51	4	1,174.85	4	792.34	4	413.23	4	31.69	4	4	4		4	
1/4	2,332.75	1/4	1,944.08	1/4	1,555.41	1/4	1,166.75	1/4	784.57	1/4	405.13	1/4	26.63	1/4	1/4	1/4		1/4	
1/2	2,324.65	1/2	1,935.98	1/2	1,547.32	1/2	1,158.65	1/2	776.81	1/2	397.04	1/2	21.56	1/2	1/2	1/2		1/2	
3/4	2,316.55	3/4	1,927.89	3/4	1,539.22	3/4	1,150.55	3/4	769.05	3/4	388.94	3/4	16.50	3/4	3/4	3/4		3/4	
5	2,308.45	5	1,919.79	5	1,531.12	5	1,142.46	5	761.28	5	380.84	5		5	5	5		5	
1/4	2,300.36	1/4	1,911.69	1/4	1,523.03	1/4	1,134.36	1/4	753.52	1/4	372.75	1/4		1/4	1/4	1/4		1/4	
1/2	2,292.26	1/2	1,903.59	1/2	1,514.93	1/2	1,126.26	1/2	745.76	1/2	364.65	1/2		1/2	1/2	1/2		1/2	
3/4	2,284.16	3/4	1,895.50	3/4	1,506.83	3/4	1,118.17	3/4	738.00	3/4	356.56	3/4		3/4	3/4	3/4		3/4	
6	2,276.07	6	1,887.40	6	1,498.73	6	1,110.07	6	730.23	6	348.46	6		6	6	6		6	
1/4	2,267.97	1/4	1,879.30	1/4	1,490.64	1/4	1,101.97	1/4	722.47	1/4	340.36	1/4		1/4	1/4	1/4		1/4	
1/2	2,259.87	1/2	1,871.21	1/2	1,482.54	1/2	1,093.87	1/2	714.71	1/2	332.27	1/2		1/2	1/2	1/2		1/2	
3/4	2,251.77	3/4	1,863.11	3/4	1,474.44	3/4	1,085.78	3/4	706.94	3/4	324.17	3/4		3/4	3/4	3/4		3/4	
7	2,243.68	7	1,855.01	7	1,466.35	7	1,077.68	7	699.18	7	316.07	7		7	7	7		7	
1/4	2,235.58	1/4	1,846.91	1/4	1,458.25	1/4	1,069.58	1/4	691.42	1/4	307.98	1/4		1/4	1/4	1/4		1/4	
1/2	2,227.48	1/2	1,838.82	1/2	1,450.15	1/2	1,061.49	1/2	683.66	1/2	299.88	1/2		1/2	1/2	1/2		1/2	
3/4	2,219.38	3/4	1,830.72	3/4	1,442.05	3/4	1,053.39	3/4	675.90	3/4	291.79	3/4		3/4	3/4	3/4		3/4	
8	2,211.29	8	1,822.62	8	1,433.96	8	1,045.29	8	668.14	8	283.69	8		8	8	8		8	
1/4	2,203.19	1/4	1,814.52	1/4	1,425.86	1/4	1,037.19	1/4	660.38	1/4	275.59	1/4		1/4	1/4	1/4		1/4	
1/2	2,195.09	1/2	1,806.43	1/2	1,417.76	1/2	1,029.10	1/2	652.62	1/2	267.50	1/2		1/2	1/2	1/2		1/2	
3/4	2,187.00	3/4	1,798.33	3/4	1,409.66	3/4	1,021.00	3/4	644.86	3/4	259.40	3/4		3/4	3/4	3/4		3/4	
9	2,178.90	9	1,790.23	9	1,401.57	9	1,012.90	9	637.09	9	251.30	9		9	9	9		9	
1/4	2,170.80	1/4	1,782.14	1/4	1,393.47	1/4	1,004.80	1/4	629.32	1/4	243.21	1/4		1/4	1/4	1/4		1/4	
1/2	2,162.70	1/2	1,774.04	1/2	1,385.37	1/2	996.71	1/2	621.55	1/2	235.11	1/2		1/2	1/2	1/2		1/2	
3/4	2,154.61	3/4	1,765.94	3/4	1,377.28	3/4	988.61	3/4	613.78	3/4	227.01	3/4		3/4	3/4	3/4		3/4	
10	2,146.51	10	1,757.84	10	1,369.18	10	980.51	10	605.99	10	218.92	10		10	10	10		10	
1/4	2,138.41	1/4	1,749.75	1/4	1,361.08	1/4	972.42	1/4	598.21	1/4	210.82	1/4		1/4	1/4	1/4		1/4	
1/2	2,130.32	1/2	1,741.65	1/2	1,352.98	1/2	964.32	1/2	590.42	1/2	202.73	1/2		1/2	1/2	1/2		1/2	
3/4	2,122.22	3/4	1,733.55	3/4	1,344.89	3/4	956.22	3/4	582.64	3/4	194.63	3/4		3/4	3/4	3/4		3/4	
11	2,114.12	11	1,725.46	11	1,336.79	11	948.28	11	574.69	11	186.53	11		11	11	11		11	
1/4	2,106.02	1/4	1,717.36	1/4	1,328.69	1/4	940.33	1/4	566.75	1/4	178.44	1/4		1/4	1/4	1/4		1/4	
1/2	2,097.93	1/2	1,709.26	1/2	1,320.60	1/2	932.39	1/2	558.81	1/2	170.34	1/2		1/2	1/2	1/2		1/2	
3/4	2,089.83	3/4	1,701.16	3/4	1,312.50	3/4	924.44	3/4	550.87	3/4	162.24	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/06/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

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



BARGE "KIRBY 29056"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0	4,480.89	0	4,224.64	0	3,955.39	0	3,673.79	0	3,377.89	0	3,020.82	0	2,660.11
1/4		1/4		1/4		1/4	4,475.65	1/4	4,219.18	1/4	3,949.65	1/4	3,667.80	1/4	3,371.07	1/4	3,013.31	1/4	2,652.59
1/2		1/2		1/2		1/2	4,470.40	1/2	4,213.73	1/2	3,943.91	1/2	3,661.81	1/2	3,364.25	1/2	3,005.79	1/2	2,645.08
3/4		3/4		3/4		3/4	4,465.14	3/4	4,208.25	3/4	3,938.14	3/4	3,655.79	3/4	3,357.15	3/4	2,998.28	3/4	2,637.56
1		1		1		1	4,459.88	1	4,202.78	1	3,932.38	1	3,649.78	1	3,350.06	1	2,990.76	1	2,630.05
1/4		1/4		1/4		1/4	4,454.62	1/4	4,197.30	1/4	3,926.62	1/4	3,643.76	1/4	3,342.96	1/4	2,983.25	1/4	2,622.53
1/2		1/2		1/2		1/2	4,449.35	1/2	4,191.82	1/2	3,920.86	1/2	3,637.74	1/2	3,335.86	1/2	2,975.73	1/2	2,615.01
3/4		3/4		3/4		3/4	4,444.07	3/4	4,186.33	3/4	3,915.08	3/4	3,631.71	3/4	3,328.49	3/4	2,968.22	3/4	2,607.50
2		2		2		2	4,438.78	2	4,180.83	2	3,909.30	2	3,625.67	2	3,321.11	2	2,960.71	2	2,599.98
1/4		1/4		1/4		1/4	4,433.49	1/4	4,175.34	1/4	3,903.52	1/4	3,619.64	1/4	3,313.74	1/4	2,953.19	1/4	2,592.47
1/2		1/2		1/2		1/2	4,428.21	1/2	4,169.84	1/2	3,897.73	1/2	3,613.61	1/2	3,306.36	1/2	2,945.68	1/2	2,584.95
3/4		3/4		3/4		3/4	4,422.94	3/4	4,164.29	3/4	3,891.93	3/4	3,607.55	3/4	3,298.85	3/4	2,938.16	3/4	2,577.44
3		3		3		3	4,417.67	3	4,158.73	3	3,886.13	3	3,601.50	3	3,291.34	3	2,930.65	3	2,569.92
1/4		1/4		1/4		1/4	4,412.40	1/4	4,153.18	1/4	3,880.32	1/4	3,595.45	1/4	3,283.82	1/4	2,923.13	1/4	2,562.41
1/2		1/2		1/2		1/2	4,407.13	1/2	4,147.63	1/2	3,874.52	1/2	3,589.40	1/2	3,276.31	1/2	2,915.62	1/2	2,554.89
3/4		3/4		3/4		3/4	4,401.85	3/4	4,142.05	3/4	3,868.69	3/4	3,583.32	3/4	3,268.79	3/4	2,908.11	3/4	2,547.38
4		4		4		4	4,396.56	4	4,136.48	4	3,862.87	4	3,577.24	4	3,261.28	4	2,900.59	4	2,539.86
1/4		1/4		1/4		1/4	4,391.27	1/4	4,130.90	1/4	3,857.04	1/4	3,571.16	1/4	3,253.76	1/4	2,893.08	1/4	2,532.34
1/2		1/2		1/2		1/2	4,385.98	1/2	4,125.33	1/2	3,851.22	1/2	3,565.08	1/2	3,246.25	1/2	2,885.56	1/2	2,524.83
3/4		3/4		3/4		3/4	4,380.67	3/4	4,119.73	3/4	3,845.37	3/4	3,558.99	3/4	3,238.74	3/4	2,878.05	3/4	2,517.31
5		5		5		5	4,375.36	5	4,114.14	5	3,839.52	5	3,552.89	5	3,231.22	5	2,870.53	5	2,509.80
1/4		1/4		1/4		1/4	4,370.05	1/4	4,108.54	1/4	3,833.67	1/4	3,546.79	1/4	3,223.71	1/4	2,863.02	1/4	2,502.28
1/2		1/2		1/2		1/2	4,364.74	1/2	4,102.95	1/2	3,827.82	1/2	3,540.70	1/2	3,216.19	1/2	2,855.51	1/2	2,494.77
3/4		3/4		3/4		3/4	4,359.41	3/4	4,097.33	3/4	3,821.95	3/4	3,534.58	3/4	3,208.68	3/4	2,847.99	3/4	2,487.25
6		6	4,619.48	6	4,354.08	6	4,091.70	6	3,816.09	6	3,528.47	6	3,201.16	6	2,840.48	6	2,479.74		
1/4		1/4	4,614.89	1/4	4,348.75	1/4	4,086.08	1/4	3,810.22	1/4	3,522.36	1/4	3,193.65	1/4	2,832.96	1/4	2,472.22		
1/2		1/2	4,610.29	1/2	4,343.42	1/2	4,080.46	1/2	3,804.35	1/2	3,516.24	1/2	3,186.14	1/2	2,825.45	1/2	2,464.70		
3/4		3/4	4,604.17	3/4	4,338.06	3/4	4,074.82	3/4	3,798.47	3/4	3,510.12	3/4	3,178.62	3/4	2,817.93	3/4	2,457.19		
7		7	4,598.04	7	4,332.71	7	4,069.19	7	3,792.58	7	3,503.99	7	3,171.11	7	2,810.42	7	2,449.67		
1/4		1/4	4,592.92	1/4	4,327.35	1/4	4,063.55	1/4	3,786.70	1/4	3,497.87	1/4	3,163.59	1/4	2,802.90	1/4	2,442.16		
1/2		1/2	4,585.79	1/2	4,322.00	1/2	4,057.91	1/2	3,780.81	1/2	3,491.74	1/2	3,156.08	1/2	2,795.39	1/2	2,434.64		
3/4		3/4	4,579.66	3/4	4,316.62	3/4	4,052.25	3/4	3,774.90	3/4	3,485.62	3/4	3,148.56	3/4	2,787.87	3/4	2,427.13		
8		8	4,573.54	8	4,311.25	8	4,046.60	8	3,768.99	8	3,479.49	8	3,141.05	8	2,780.36	8	2,419.61		
1/4		1/4	4,567.41	1/4	4,305.88	1/4	4,040.94	1/4	3,763.08	1/4	3,473.37	1/4	3,133.54	1/4	2,772.84	1/4	2,412.10		
1/2		1/2	4,561.29	1/2	4,300.51	1/2	4,035.28	1/2	3,757.17	1/2	3,467.24	1/2	3,126.02	1/2	2,765.32	1/2	2,404.58		
3/4		3/4	4,555.16	3/4	4,295.12	3/4	4,029.60	3/4	3,751.24	3/4	3,461.12	3/4	3,118.51	3/4	2,757.81	3/4	2,397.07		
9		9	4,549.04	9	4,289.73	9	4,023.92	9	3,745.31	9	3,455.00	9	3,110.99	9	2,750.29	9	2,389.55		
1/4		1/4	4,542.91	1/4	4,284.34	1/4	4,018.24	1/4	3,739.38	1/4	3,448.87	1/4	3,103.48	1/4	2,742.78	1/4	2,382.03		
1/2		1/2	4,536.78	1/2	4,278.94	1/2	4,012.55	1/2	3,733.45	1/2	3,442.75	1/2	3,095.96	1/2	2,735.26	1/2	2,374.52		
3/4		3/4	4,530.66	3/4	4,273.53	3/4	4,006.85	3/4	3,727.50	3/4	3,436.48	3/4	3,088.45	3/4	2,727.75	3/4	2,367.00		
10		10	4,524.53	10	4,268.11	10	4,001.15	10	3,721.56	10	3,430.22	10	3,080.93	10	2,720.23	10	2,359.49		
1/4		1/4	4,518.41	1/4	4,262.70	1/4	3,995.46	1/4	3,715.61	1/4	3,423.96	1/4	3,073.42	1/4	2,712.72	1/4	2,351.97		
1/2		1/2	4,512.28	1/2	4,257.28	1/2	3,989.76	1/2	3,709.66	1/2	3,417.69	1/2	3,065.91	1/2	2,705.20	1/2	2,344.46		
3/4		3/4	4,507.06	3/4	4,251.85	3/4	3,984.04	3/4	3,703.69	3/4	3,411.15	3/4	3,058.39	3/4	2,697.69	3/4	2,336.94		
11		11	4,501.83	11	4,246.41	11	3,978.32	11	3,697.72	11	3,404.61	11	3,050.88	11	2,690.17	11	2,329.43		
1/4		1/4	4,496.60	1/4	4,240.98	1/4	3,972.60	1/4	3,691.75	1/4	3,398.07	1/4	3,043.36	1/4	2,682.65	1/4	2,321.91		
1/2		1/2	4,491.38	1/2	4,235.54	1/2	3,966.88	1/2	3,685.77	1/2	3,391.53	1/2	3,035.85	1/2	2,675.14	1/2	2,314.39		
3/4		3/4	4,486.13	3/4	4,230.09	3/4	3,961.14	3/4	3,679.78	3/4	3,384.71	3/4	3,028.33	3/4	2,667.62	3/4	2,306.88		

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 29056"

3 PORT ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 1/2"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,299.36	0	1,938.62	0	1,577.88	0	1,217.13	0	857.18	0	496.45	0	135.72	0		0		0	
1/4	2,291.85	1/4	1,931.10	1/4	1,570.36	1/4	1,209.62	1/4	849.66	1/4	488.93	1/4	128.20	1/4	1/4		1/4		1/4
1/2	2,284.33	1/2	1,923.59	1/2	1,562.84	1/2	1,202.10	1/2	842.15	1/2	481.42	1/2	120.69	1/2	1/2		1/2		1/2
3/4	2,276.82	3/4	1,916.07	3/4	1,555.33	3/4	1,194.59	3/4	834.63	3/4	473.90	3/4	113.17	3/4	3/4		3/4		3/4
1	2,269.30	1	1,908.56	1	1,547.81	1	1,187.07	1	827.12	1	466.39	1	105.66	1	1		1		1
1/4	2,261.79	1/4	1,901.04	1/4	1,540.30	1/4	1,179.55	1/4	819.60	1/4	458.87	1/4	98.14	1/4	1/4		1/4		1/4
1/2	2,254.27	1/2	1,893.53	1/2	1,532.78	1/2	1,172.04	1/2	812.09	1/2	451.36	1/2	90.63	1/2	1/2		1/2		1/2
3/4	2,246.76	3/4	1,886.01	3/4	1,525.27	3/4	1,164.52	3/4	804.57	3/4	443.84	3/4	83.11	3/4	3/4		3/4		3/4
2	2,239.24	2	1,878.50	2	1,517.75	2	1,157.01	2	797.06	2	436.33	2	75.60	2	2		2		2
1/4	2,231.72	1/4	1,870.98	1/4	1,510.24	1/4	1,149.49	1/4	789.54	1/4	428.81	1/4	68.08	1/4	1/4		1/4		1/4
1/2	2,224.21	1/2	1,863.46	1/2	1,502.72	1/2	1,141.98	1/2	782.03	1/2	421.30	1/2	60.57	1/2	1/2		1/2		1/2
3/4	2,216.69	3/4	1,855.95	3/4	1,495.21	3/4	1,134.46	3/4	774.51	3/4	413.78	3/4	53.99	3/4	3/4		3/4		3/4
3	2,209.18	3	1,848.43	3	1,487.69	3	1,126.95	3	767.00	3	406.27	3	47.41	3	3		3		3
1/4	2,201.66	1/4	1,840.92	1/4	1,480.17	1/4	1,119.43	1/4	759.48	1/4	398.75	1/4	40.84	1/4	1/4		1/4		1/4
1/2	2,194.15	1/2	1,833.40	1/2	1,472.66	1/2	1,111.91	1/2	751.97	1/2	391.24	1/2	34.26	1/2	1/2		1/2		1/2
3/4	2,186.63	3/4	1,825.89	3/4	1,465.14	3/4	1,104.42	3/4	744.45	3/4	383.72	3/4	29.56	3/4	3/4		3/4		3/4
4	2,179.12	4	1,818.37	4	1,457.63	4	1,096.93	4	736.94	4	376.21	4	24.87	4	4		4		4
1/4	2,171.60	1/4	1,810.86	1/4	1,450.11	1/4	1,089.44	1/4	729.42	1/4	368.69	1/4	20.17	1/4	1/4		1/4		1/4
1/2	2,164.08	1/2	1,803.34	1/2	1,442.60	1/2	1,081.95	1/2	721.91	1/2	361.18	1/2	15.47	1/2	1/2		1/2		1/2
3/4	2,156.57	3/4	1,795.83	3/4	1,435.08	3/4	1,074.46	3/4	714.39	3/4	353.66	3/4		3/4	3/4		3/4		3/4
5	2,149.05	5	1,788.31	5	1,427.57	5	1,066.97	5	706.87	5	346.15	5		5	5		5		5
1/4	2,141.54	1/4	1,780.79	1/4	1,420.05	1/4	1,059.48	1/4	699.36	1/4	338.63	1/4		1/4	1/4		1/4		1/4
1/2	2,134.02	1/2	1,773.28	1/2	1,412.53	1/2	1,051.99	1/2	691.84	1/2	331.11	1/2		1/2	1/2		1/2		1/2
3/4	2,126.51	3/4	1,765.76	3/4	1,405.02	3/4	1,044.50	3/4	684.33	3/4	323.60	3/4		3/4	3/4		3/4		3/4
6	2,118.99	6	1,758.25	6	1,397.50	6	1,037.01	6	676.81	6	316.08	6		6	6		6		6
1/4	2,111.48	1/4	1,750.73	1/4	1,389.99	1/4	1,029.52	1/4	669.30	1/4	308.57	1/4		1/4	1/4		1/4		1/4
1/2	2,103.96	1/2	1,743.22	1/2	1,382.47	1/2	1,022.03	1/2	661.78	1/2	301.05	1/2		1/2	1/2		1/2		1/2
3/4	2,096.45	3/4	1,735.70	3/4	1,374.96	3/4	1,014.53	3/4	654.27	3/4	293.54	3/4		3/4	3/4		3/4		3/4
7	2,088.93	7	1,728.19	7	1,367.44	7	1,007.04	7	646.75	7	286.02	7		7	7		7		7
1/4	2,081.41	1/4	1,720.67	1/4	1,359.93	1/4	999.55	1/4	639.24	1/4	278.51	1/4		1/4	1/4		1/4		1/4
1/2	2,073.90	1/2	1,713.15	1/2	1,352.41	1/2	992.06	1/2	631.72	1/2	270.99	1/2		1/2	1/2		1/2		1/2
3/4	2,066.38	3/4	1,705.64	3/4	1,344.90	3/4	984.57	3/4	624.21	3/4	263.48	3/4		3/4	3/4		3/4		3/4
8	2,058.87	8	1,698.12	8	1,337.38	8	977.08	8	616.69	8	255.96	8		8	8		8		8
1/4	2,051.35	1/4	1,690.61	1/4	1,329.86	1/4	969.59	1/4	609.18	1/4	248.45	1/4		1/4	1/4		1/4		1/4
1/2	2,043.84	1/2	1,683.09	1/2	1,322.35	1/2	962.10	1/2	601.66	1/2	240.93	1/2		1/2	1/2		1/2		1/2
3/4	2,036.32	3/4	1,675.58	3/4	1,314.83	3/4	954.61	3/4	594.15	3/4	233.42	3/4		3/4	3/4		3/4		3/4
9	2,028.81	9	1,668.06	9	1,307.32	9	947.12	9	586.63	9	225.90	9		9	9		9		9
1/4	2,021.29	1/4	1,660.55	1/4	1,299.80	1/4	939.63	1/4	579.12	1/4	218.39	1/4		1/4	1/4		1/4		1/4
1/2	2,013.77	1/2	1,653.03	1/2	1,292.29	1/2	932.14	1/2	571.60	1/2	210.87	1/2		1/2	1/2		1/2		1/2
3/4	2,006.26	3/4	1,645.52	3/4	1,284.77	3/4	924.64	3/4	564.09	3/4	203.36	3/4		3/4	3/4		3/4		3/4
10	1,998.74	10	1,638.00	10	1,277.26	10	917.15	10	556.57	10	195.84	10		10	10		10		10
1/4	1,991.23	1/4	1,630.48	1/4	1,269.74	1/4	909.66	1/4	549.06	1/4	188.33	1/4		1/4	1/4		1/4		1/4
1/2	1,983.71	1/2	1,622.97	1/2	1,262.22	1/2	902.17	1/2	541.54	1/2	180.81	1/2		1/2	1/2		1/2		1/2
3/4	1,976.20	3/4	1,615.45	3/4	1,254.71	3/4	894.68	3/4	534.03	3/4	173.30	3/4		3/4	3/4		3/4		3/4
11	1,968.68	11	1,607.94	11	1,247.19	11	887.19	11	526.51	11	165.78	11		11	11		11		11
1/4	1,961.17	1/4	1,600.42	1/4	1,239.68	1/4	879.70	1/4	518.99	1/4	158.27	1/4		1/4	1/4		1/4		1/4
1/2	1,953.65	1/2	1,592.91	1/2	1,232.16	1/2	872.21	1/2	511.48	1/2	150.75	1/2		1/2	1/2		1/2		1/2
3/4	1,946.14	3/4	1,585.39	3/4	1,224.65	3/4	864.69	3/4	503.96	3/4	143.23	3/4		3/4	3/4		3/4		3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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Pearland, Texas 77588
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BARGE "KIRBY 29056"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0	IN	0
1/4		1/4		1/4		1/4	4,456.93	1/4	4,200.75	1/4	3,931.59	1/4	3,650.07	1/4	3,354.26	1/4	2,997.83	1/4	2,637.91		
1/2		1/2		1/2		1/2	4,451.69	1/2	4,195.30	1/2	3,925.85	1/2	3,644.08	1/2	3,347.44	1/2	2,990.34	1/2	2,630.41		
3/4		3/4		3/4		3/4	4,446.45	3/4	4,189.85	3/4	3,920.11	3/4	3,638.09	3/4	3,340.62	3/4	2,982.84	3/4	2,622.91		
1	1	1	1	1	1	1	4,441.19	1	4,184.38	1	3,914.35	1	3,632.08	1	3,333.53	1	2,975.34	1	2,615.41		
1/4		1/4		1/4		1/4	4,435.93	1/4	4,178.90	1/4	3,908.59	1/4	3,626.06	1/4	3,326.43	1/4	2,967.84	1/4	2,607.91		
1/2		1/2		1/2		1/2	4,430.66	1/2	4,173.42	1/2	3,902.83	1/2	3,620.05	1/2	3,319.34	1/2	2,960.34	1/2	2,600.41		
3/4		3/4		3/4		3/4	4,425.40	3/4	4,167.95	3/4	3,897.07	3/4	3,614.03	3/4	3,312.24	3/4	2,952.85	3/4	2,592.91		
2	2	2	2	2	2	2	4,420.12	2	4,162.45	2	3,891.29	2	3,608.00	2	3,304.87	2	2,945.35	2	2,585.41		
1/4		1/4		1/4		1/4	4,414.83	1/4	4,156.96	1/4	3,885.51	1/4	3,601.97	1/4	3,297.50	1/4	2,937.85	1/4	2,577.92		
1/2		1/2		1/2		1/2	4,409.55	1/2	4,151.47	1/2	3,879.73	1/2	3,595.94	1/2	3,290.13	1/2	2,930.35	1/2	2,570.42		
3/4		3/4		3/4		3/4	4,404.26	3/4	4,145.97	3/4	3,873.95	3/4	3,589.90	3/4	3,282.75	3/4	2,922.85	3/4	2,562.92		
3	3	3	3	3	3	3	4,399.00	3	4,140.42	3	3,868.15	3	3,583.85	3	3,275.26	3	2,915.36	3	2,555.42		
1/4		1/4		1/4		1/4	4,393.73	1/4	4,134.87	1/4	3,862.34	1/4	3,577.80	1/4	3,267.76	1/4	2,907.86	1/4	2,547.92		
1/2		1/2		1/2		1/2	4,388.46	1/2	4,129.32	1/2	3,856.54	1/2	3,571.75	1/2	3,260.26	1/2	2,900.36	1/2	2,540.42		
3/4		3/4		3/4		3/4	4,383.20	3/4	4,123.77	3/4	3,850.74	3/4	3,565.70	3/4	3,252.76	3/4	2,892.86	3/4	2,532.92		
4	4	4	4	4	4	4	4,377.91	4	4,118.20	4	3,844.91	4	3,559.62	4	3,245.26	4	2,885.36	4	2,525.42		
1/4		1/4		1/4		1/4	4,372.62	1/4	4,112.62	1/4	3,839.09	1/4	3,553.55	1/4	3,237.77	1/4	2,877.87	1/4	2,517.92		
1/2		1/2		1/2		1/2	4,367.34	1/2	4,107.05	1/2	3,833.27	1/2	3,547.47	1/2	3,230.27	1/2	2,870.37	1/2	2,510.42		
3/4		3/4		3/4		3/4	4,362.05	3/4	4,101.47	3/4	3,827.45	3/4	3,541.39	3/4	3,222.77	3/4	2,862.87	3/4	2,502.92		
5	5	5	5	5	5	5	4,356.74	5	4,095.88	5	3,821.60	5	3,535.30	5	3,215.27	5	2,855.37	5	2,495.42		
1/4		1/4		1/4		1/4	4,351.43	1/4	4,090.29	1/4	3,815.75	1/4	3,529.21	1/4	3,207.77	1/4	2,847.88	1/4	2,487.93		
1/2		1/2		1/2		1/2	4,346.12	1/2	4,084.69	1/2	3,809.90	1/2	3,523.11	1/2	3,200.28	1/2	2,840.38	1/2	2,480.43		
3/4		3/4		3/4		3/4	4,340.81	3/4	4,079.10	3/4	3,804.06	3/4	3,517.02	3/4	3,192.78	3/4	2,832.88	3/4	2,472.93		
6	6	6	6	6	6	6	4,335.48	6	4,073.48	6	3,798.19	6	3,510.91	6	3,185.28	6	2,825.38	6	2,465.43		
1/4		1/4	4,595.48	1/4	4,330.16	1/4	4,067.86	1/4	3,792.33	1/4	3,504.79	1/4	3,177.78	1/4	2,817.88	1/4	2,457.94				
1/2		1/2	4,590.89	1/2	4,324.83	1/2	4,062.24	1/2	3,786.46	1/2	3,498.68	1/2	3,170.29	1/2	2,810.39	1/2	2,450.44				
3/4		3/4	4,586.29	3/4	4,319.50	3/4	4,056.62	3/4	3,780.60	3/4	3,492.57	3/4	3,162.79	3/4	2,802.89	3/4	2,442.95				
7	7	7	4,580.17	7	4,314.14	7	4,050.99	7	3,774.71	7	3,486.45	7	3,155.29	7	2,795.39	7	2,435.45				
1/4		1/4	4,574.05	1/4	4,308.79	1/4	4,045.35	1/4	3,768.83	1/4	3,480.32	1/4	3,147.79	1/4	2,787.89	1/4	2,427.95				
1/2		1/2	4,567.92	1/2	4,303.44	1/2	4,039.71	1/2	3,762.94	1/2	3,474.20	1/2	3,140.29	1/2	2,780.39	1/2	2,420.46				
3/4		3/4	4,561.80	3/4	4,298.08	3/4	4,034.08	3/4	3,757.06	3/4	3,468.08	3/4	3,132.80	3/4	2,772.89	3/4	2,412.96				
8	8	8	4,555.67	8	4,292.71	8	4,028.42	8	3,751.15	8	3,461.95	8	3,125.30	8	2,765.39	8	2,405.47				
1/4		1/4	4,549.55	1/4	4,287.34	1/4	4,022.77	1/4	3,745.24	1/4	3,455.83	1/4	3,117.80	1/4	2,757.89	1/4	2,397.97				
1/2		1/2	4,543.43	1/2	4,281.97	1/2	4,017.11	1/2	3,739.33	1/2	3,449.71	1/2	3,110.30	1/2	2,750.39	1/2	2,390.48				
3/4		3/4	4,537.30	3/4	4,276.60	3/4	4,011.46	3/4	3,733.42	3/4	3,443.59	3/4	3,102.80	3/4	2,742.90	3/4	2,382.98				
9	9	9	4,531.18	9	4,271.21	9	4,005.78	9	3,727.50	9	3,437.46	9	3,095.31	9	2,735.40	9	2,375.49				
1/4		1/4	4,525.06	1/4	4,265.82	1/4	4,000.09	1/4	3,721.57	1/4	3,431.34	1/4	3,087.81	1/4	2,727.90	1/4	2,367.99				
1/2		1/2	4,518.93	1/2	4,260.43	1/2	3,994.41	1/2	3,715.64	1/2	3,425.22	1/2	3,080.31	1/2	2,720.40	1/2	2,360.50				
3/4		3/4	4,512.81	3/4	4,255.04	3/4	3,988.73	3/4	3,709.72	3/4	3,419.10	3/4	3,072.81	3/4	2,712.90	3/4	2,353.00				
10	10	10	4,506.68	10	4,249.63	10	3,983.04	10	3,703.77	10	3,412.83	10	3,065.31	10	2,705.40	10	2,345.50				
1/4		1/4	4,500.56	1/4	4,244.22	1/4	3,977.34	1/4	3,697.82	1/4	3,406.57	1/4	3,057.82	1/4	2,697.90	1/4	2,338.01				
1/2		1/2	4,494.44	1/2	4,238.80	1/2	3,971.64	1/2	3,691.88	1/2	3,400.31	1/2	3,050.32	1/2	2,690.40	1/2	2,330.51				
3/4		3/4	4,488.31	3/4	4,233.39	3/4	3,965.94	3/4	3,685.93	3/4	3,394.05	3/4	3,042.82	3/4	2,682.90	3/4	2,323.02				
11	11	11	4,483.09	11	4,227.95	11	3,960.22	11	3,679.96	11	3,387.51	11	3,035.32	11	2,675.40	11	2,315.52				
1/4		1/4	4,477.86	1/4	4,222.52	1/4	3,954.51	1/4	3,673.99	1/4	3,380.97	1/4	3,027.83	1/4	2,667.90	1/4	2,308.03				
1/2		1/2	4,472.64	1/2	4,217.09	1/2	3,948.79	1/2	3,668.02	1/2	3,374.43	1/2	3,020.33	1/2	2,660.41	1/2	2,300.53				
3/4		3/4	4,467.42	3/4	4,211.66	3/4	3,943.07	3/4	3,662.05	3/4	3,367.89	3/4	3,012.83	3/4	2,652.91	3/4	2,293.04				

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 29056"

3 STBD ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-04 3/4"

IN	10 FT.	IN	11 FT.	IN	12 FT.	IN	13 FT.	IN	14 FT.	IN	15 FT.	IN	16 FT.	IN	17 FT.	IN	18 FT.	IN	19 FT.
0	2,285.54	0	1,926.91	0	1,568.69	0	1,208.82	0	855.58	0	503.13	0	143.18	0		0		0	
1/4	2,278.04	1/4	1,919.48	1/4	1,561.19	1/4	1,201.46	1/4	848.22	1/4	495.70	1/4	135.67	1/4		1/4		1/4	
1/2	2,270.54	1/2	1,912.04	1/2	1,553.69	1/2	1,194.10	1/2	840.86	1/2	488.27	1/2	128.16	1/2		1/2		1/2	
3/4	2,263.04	3/4	1,904.61	3/4	1,546.19	3/4	1,186.73	3/4	833.50	3/4	480.83	3/4	120.65	3/4		3/4		3/4	
1	2,255.54	1	1,897.18	1	1,538.69	1	1,179.37	1	826.14	1	473.33	1	113.13	1		1		1	
1/4	2,248.04	1/4	1,889.74	1/4	1,531.19	1/4	1,172.00	1/4	818.78	1/4	465.83	1/4	105.62	1/4		1/4		1/4	
1/2	2,240.53	1/2	1,882.31	1/2	1,523.69	1/2	1,164.64	1/2	811.42	1/2	458.33	1/2	98.11	1/2		1/2		1/2	
3/4	2,233.03	3/4	1,874.87	3/4	1,516.19	3/4	1,157.28	3/4	804.06	3/4	450.83	3/4	90.59	3/4		3/4		3/4	
2	2,225.53	2	1,867.44	2	1,508.69	2	1,149.91	2	796.71	2	443.33	2	83.08	2		2		2	
1/4	2,218.03	1/4	1,860.00	1/4	1,501.19	1/4	1,142.55	1/4	789.37	1/4	435.83	1/4	75.57	1/4		1/4		1/4	
1/2	2,210.53	1/2	1,852.57	1/2	1,493.69	1/2	1,135.18	1/2	782.02	1/2	428.33	1/2	68.06	1/2		1/2		1/2	
3/4	2,203.03	3/4	1,845.14	3/4	1,486.19	3/4	1,127.82	3/4	774.68	3/4	420.83	3/4	60.54	3/4		3/4		3/4	
3	2,195.53	3	1,837.70	3	1,478.69	3	1,120.46	3	767.35	3	413.33	3	53.97	3		3		3	
1/4	2,188.03	1/4	1,830.27	1/4	1,471.19	1/4	1,113.09	1/4	760.02	1/4	405.82	1/4	47.40	1/4		1/4		1/4	
1/2	2,180.53	1/2	1,822.83	1/2	1,463.69	1/2	1,105.73	1/2	752.69	1/2	398.32	1/2	40.82	1/2		1/2		1/2	
3/4	2,173.03	3/4	1,815.40	3/4	1,456.19	3/4	1,098.37	3/4	745.36	3/4	390.82	3/4	34.25	3/4		3/4		3/4	
4	2,165.53	4	1,807.96	4	1,448.69	4	1,091.01	4	738.03	4	383.32	4	29.55	4		4		4	
1/4	2,158.03	1/4	1,800.53	1/4	1,441.19	1/4	1,083.65	1/4	730.70	1/4	375.82	1/4	24.86	1/4		1/4		1/4	
1/2	2,150.53	1/2	1,793.10	1/2	1,433.69	1/2	1,076.30	1/2	723.37	1/2	368.32	1/2	20.16	1/2		1/2		1/2	
3/4	2,143.03	3/4	1,785.66	3/4	1,426.19	3/4	1,068.94	3/4	716.04	3/4	360.82	3/4	15.47	3/4		3/4		3/4	
5	2,135.53	5	1,778.23	5	1,418.69	5	1,061.58	5	708.70	5	353.32	5		5		5		5	
1/4	2,128.03	1/4	1,770.79	1/4	1,411.19	1/4	1,054.22	1/4	701.37	1/4	345.82	1/4		1/4		1/4		1/4	
1/2	2,120.53	1/2	1,763.36	1/2	1,403.69	1/2	1,046.87	1/2	694.04	1/2	338.32	1/2		1/2		1/2		1/2	
3/4	2,113.03	3/4	1,755.92	3/4	1,396.19	3/4	1,039.51	3/4	686.71	3/4	330.81	3/4		3/4		3/4		3/4	
6	2,105.53	6	1,748.49	6	1,388.69	6	1,032.15	6	679.38	6	323.31	6		6		6		6	
1/4	2,098.03	1/4	1,741.06	1/4	1,381.19	1/4	1,024.80	1/4	672.04	1/4	315.81	1/4		1/4		1/4		1/4	
1/2	2,090.53	1/2	1,733.62	1/2	1,373.69	1/2	1,017.44	1/2	664.71	1/2	308.31	1/2		1/2		1/2		1/2	
3/4	2,083.03	3/4	1,726.19	3/4	1,366.19	3/4	1,010.08	3/4	657.38	3/4	300.81	3/4		3/4		3/4		3/4	
7	2,075.60	7	1,718.69	7	1,358.69	7	1,002.73	7	650.05	7	293.31	7		7		7		7	
1/4	2,068.16	1/4	1,711.19	1/4	1,351.19	1/4	995.37	1/4	642.71	1/4	285.81	1/4		1/4		1/4		1/4	
1/2	2,060.73	1/2	1,703.69	1/2	1,343.69	1/2	988.01	1/2	635.38	1/2	278.31	1/2		1/2		1/2		1/2	
3/4	2,053.30	3/4	1,696.19	3/4	1,336.19	3/4	980.66	3/4	628.05	3/4	270.81	3/4		3/4		3/4		3/4	
8	2,045.86	8	1,688.69	8	1,328.69	8	973.30	8	620.72	8	263.31	8		8		8		8	
1/4	2,038.43	1/4	1,681.19	1/4	1,321.19	1/4	965.94	1/4	613.39	1/4	255.80	1/4		1/4		1/4		1/4	
1/2	2,030.99	1/2	1,673.69	1/2	1,313.69	1/2	958.59	1/2	606.05	1/2	248.30	1/2		1/2		1/2		1/2	
3/4	2,023.56	3/4	1,666.19	3/4	1,306.19	3/4	951.23	3/4	598.72	3/4	240.80	3/4		3/4		3/4		3/4	
9	2,016.12	9	1,658.69	9	1,298.69	9	943.87	9	591.39	9	233.30	9		9		9		9	
1/4	2,008.69	1/4	1,651.19	1/4	1,291.19	1/4	936.52	1/4	584.06	1/4	225.80	1/4		1/4		1/4		1/4	
1/2	2,001.26	1/2	1,643.69	1/2	1,283.69	1/2	929.16	1/2	576.72	1/2	218.30	1/2		1/2		1/2		1/2	
3/4	1,993.82	3/4	1,636.19	3/4	1,276.19	3/4	921.80	3/4	569.39	3/4	210.80	3/4		3/4		3/4		3/4	
10	1,986.39	10	1,628.69	10	1,268.69	10	914.45	10	562.05	10	203.29	10		10		10		10	
1/4	1,978.95	1/4	1,621.19	1/4	1,261.19	1/4	907.09	1/4	554.70	1/4	195.77	1/4		1/4		1/4		1/4	
1/2	1,971.52	1/2	1,613.69	1/2	1,253.69	1/2	899.73	1/2	547.36	1/2	188.26	1/2		1/2		1/2		1/2	
3/4	1,964.08	3/4	1,606.19	3/4	1,246.19	3/4	892.38	3/4	540.01	3/4	180.75	3/4		3/4		3/4		3/4	
11	1,956.65	11	1,598.69	11	1,238.69	11	885.02	11	532.65	11	173.23	11		11		11		11	
1/4	1,949.22	1/4	1,591.19	1/4	1,231.19	1/4	877.66	1/4	525.29	1/4	165.72	1/4		1/4		1/4		1/4	
1/2	1,941.78	1/2	1,583.69	1/2	1,223.69	1/2	870.30	1/2	517.93	1/2	158.21	1/2		1/2		1/2		1/2	
3/4	1,934.35	3/4	1,576.19	3/4	1,216.19	3/4	862.95	3/4	510.57	3/4	150.70	3/4		3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 05/08/2013 CL
CALCULATED: 05/08/2013 CL
VERIFIED: 07/03/2023 JS

CANCELS AND SUPERCEDES
ALL PRIOR TO 07/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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