



BARGE "KIRBY 10064"

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 CENTER	00-0/8	- 00-0/8	00-1/8	- 00-1/8	00-1/8	- 00-1/8	00-1/4	- 00-1/4	00-1/4	- 00-1/4	00-3/8	- 00-3/8
2 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4
3 CENTER	- 00-1/8	00-1/8	- 00-1/4	00-1/4	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-5/8	00-5/8	- 00-3/4	00-3/4

(ALL MEASUREMENTS ABOVE ARE IN INCHES)

EXAMPLE FOR ABOVE TRIM CORRECTIONS:

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

THE CORRECTION FOR 2'-00" TRIM DOWN BY STERN FOR 1 CENTER IS - 00-1/8"
 FOR A MEASURED ULLAGE GAUGE OF 4'-00" ON 1 CENTER, THE TRIM CORRECTED ULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 163'-06"

June 5, 2023

PRECISION MEASUREMENT
 & ANALYSIS, INC.
 P.O. Box 2092
 Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 10064"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,550.24	0	3,297.62	0	3,044.99	0	2,786.70	0	2,491.44	0	2,195.47		
1/4		1/4		1/4		1/4		1/4	3,544.98	1/4	3,292.35	1/4	3,039.73	1/4	2,780.55	1/4	2,485.27	1/4	2,189.30		
1/2		1/2		1/2		1/2		1/2	3,760.31	1/2	3,539.71	1/2	3,287.09	1/2	3,034.47	1/2	2,774.40	1/2	2,479.11	1/2	2,183.13
3/4		3/4		3/4		3/4		3/4	3,759.28	3/4	3,534.45	3/4	3,281.83	3/4	3,029.20	3/4	2,768.26	3/4	2,472.94	3/4	2,176.97
1		1		1		1		1	3,529.25	1	3,276.56	1	3,023.94	1	2,762.11	1	2,466.77	1	2,170.80		
1/4		1/4		1/4		1/4		1/4	3,757.22	1/4	3,523.93	1/4	3,271.30	1/4	3,018.68	1/4	2,755.96	1/4	2,460.61	1/4	2,164.64
1/2		1/2		1/2		1/2		1/2	3,756.18	1/2	3,518.66	1/2	3,266.04	1/2	3,013.41	1/2	2,749.81	1/2	2,454.44	1/2	2,158.47
3/4		3/4		3/4		3/4		3/4	3,753.09	3/4	3,513.40	3/4	3,260.78	3/4	3,008.15	3/4	2,743.67	3/4	2,448.28	3/4	2,152.30
2		2		2		2		2	3,749.99	2	3,508.14	2	3,255.51	2	3,002.89	2	2,737.52	2	2,442.11	2	2,146.14
1/4		1/4		1/4		1/4		1/4	3,746.90	1/4	3,502.87	1/4	3,250.25	1/4	2,997.63	1/4	2,731.37	1/4	2,435.94	1/4	2,139.97
1/2		1/2		1/2		1/2		1/2	3,743.80	1/2	3,497.61	1/2	3,244.99	1/2	2,992.36	1/2	2,725.22	1/2	2,429.78	1/2	2,133.80
3/4		3/4		3/4		3/4		3/4	3,739.66	3/4	3,492.35	3/4	3,239.72	3/4	2,987.10	3/4	2,719.08	3/4	2,423.61	3/4	2,127.64
3		3		3		3		3	3,735.51	3	3,487.08	3	3,234.46	3	2,981.84	3	2,712.93	3	2,417.45	3	2,121.47
1/4		1/4		1/4		1/4		1/4	3,731.37	1/4	3,481.82	1/4	3,229.20	1/4	2,976.57	1/4	2,706.78	1/4	2,411.28	1/4	2,115.31
1/2		1/2		1/2		1/2		1/2	3,727.22	1/2	3,476.56	1/2	3,223.93	1/2	2,971.31	1/2	2,700.63	1/2	2,405.11	1/2	2,109.14
3/4		3/4		3/4		3/4		3/4	3,722.09	3/4	3,471.30	3/4	3,218.67	3/4	2,966.05	3/4	2,694.49	3/4	2,398.95	3/4	2,102.97
4		4		4		4		4	3,716.96	4	3,466.03	4	3,213.41	4	2,960.78	4	2,688.34	4	2,392.78	4	2,096.81
1/4		1/4		1/4		1/4		1/4	3,711.84	1/4	3,460.77	1/4	3,208.15	1/4	2,955.52	1/4	2,682.19	1/4	2,386.61	1/4	2,090.64
1/2		1/2		1/2		1/2		1/2	3,706.71	1/2	3,455.51	1/2	3,202.88	1/2	2,950.26	1/2	2,676.05	1/2	2,380.45	1/2	2,084.48
3/4		3/4		3/4		3/4		3/4	3,701.54	3/4	3,450.24	3/4	3,197.62	3/4	2,945.00	3/4	2,669.90	3/4	2,374.28	3/4	2,078.31
5		5		5		5		5	3,696.38	5	3,444.98	5	3,192.36	5	2,939.73	5	2,663.75	5	2,368.12	5	2,072.14
1/4		1/4		1/4		1/4		1/4	3,691.21	1/4	3,439.72	1/4	3,187.09	1/4	2,934.47	1/4	2,657.60	1/4	2,361.95	1/4	2,065.98
1/2		1/2		1/2		1/2		1/2	3,686.05	1/2	3,434.45	1/2	3,181.83	1/2	2,929.21	1/2	2,651.46	1/2	2,355.78	1/2	2,059.81
3/4		3/4		3/4		3/4		3/4	3,680.87	3/4	3,429.19	3/4	3,176.57	3/4	2,923.94	3/4	2,645.31	3/4	2,349.62	3/4	2,053.65
6		6		6		6		6	3,675.69	6	3,423.93	6	3,171.30	6	2,918.68	6	2,639.16	6	2,343.45	6	2,047.48
1/4		1/4		1/4		1/4		1/4	3,670.51	1/4	3,418.67	1/4	3,166.04	1/4	2,913.42	1/4	2,633.01	1/4	2,337.29	1/4	2,041.31
1/2		1/2		1/2		1/2		1/2	3,665.33	1/2	3,413.40	1/2	3,160.78	1/2	2,908.15	1/2	2,626.87	1/2	2,331.12	1/2	2,035.15
3/4		3/4		3/4		3/4		3/4	3,660.16	3/4	3,408.14	3/4	3,155.52	3/4	2,902.89	3/4	2,620.72	3/4	2,324.95	3/4	2,028.98
7		7		7		7		7	3,654.98	7	3,402.88	7	3,150.25	7	2,897.63	7	2,614.57	7	2,318.79	7	2,022.82
1/4		1/4		1/4		1/4		1/4	3,649.81	1/4	3,397.61	1/4	3,144.99	1/4	2,892.37	1/4	2,608.43	1/4	2,312.62	1/4	2,016.65
1/2		1/2		1/2		1/2		1/2	3,644.63	1/2	3,392.35	1/2	3,139.73	1/2	2,887.10	1/2	2,602.28	1/2	2,306.46	1/2	2,010.48
3/4		3/4		3/4		3/4		3/4	3,639.45	3/4	3,387.09	3/4	3,134.46	3/4	2,881.84	3/4	2,596.13	3/4	2,300.29	3/4	2,004.32
8		8		8		8		8	3,634.28	8	3,381.82	8	3,129.20	8	2,876.58	8	2,589.98	8	2,294.12	8	1,998.15
1/4		1/4		1/4		1/4		1/4	3,629.10	1/4	3,376.56	1/4	3,123.94	1/4	2,871.31	1/4	2,583.84	1/4	2,287.96	1/4	1,991.98
1/2		1/2		1/2		1/2		1/2	3,623.92	1/2	3,371.30	1/2	3,118.67	1/2	2,866.05	1/2	2,577.69	1/2	2,281.79	1/2	1,985.82
3/4		3/4		3/4		3/4		3/4	3,618.66	3/4	3,366.04	3/4	3,113.41	3/4	2,860.76	3/4	2,571.54	3/4	2,275.63	3/4	1,979.65
9		9		9		9		9	3,613.40	9	3,360.77	9	3,108.15	9	2,855.47	9	2,565.39	9	2,269.46	9	1,973.49
1/4		1/4		1/4		1/4		1/4	3,608.13	1/4	3,355.51	1/4	3,102.89	1/4	2,850.19	1/4	2,559.25	1/4	2,263.29	1/4	1,967.32
1/2		1/2		1/2		1/2		1/2	3,602.87	1/2	3,350.25	1/2	3,097.62	1/2	2,844.90	1/2	2,553.10	1/2	2,257.13	1/2	1,961.15
3/4		3/4		3/4		3/4		3/4	3,597.61	3/4	3,344.98	3/4	3,092.36	3/4	2,839.61	3/4	2,546.93	3/4	2,250.96	3/4	1,954.99
10		10		10		10		10	3,592.34	10	3,339.72	10	3,087.10	10	2,834.32	10	2,540.77	10	2,244.79	10	1,948.82
1/4		1/4		1/4		1/4		1/4	3,587.08	1/4	3,334.46	1/4	3,081.83	1/4	2,829.03	1/4	2,534.60	1/4	2,238.63	1/4	1,942.66
1/2		1/2		1/2		1/2		1/2	3,581.82	1/2	3,329.19	1/2	3,076.57	1/2	2,823.75	1/2	2,528.44	1/2	2,232.46	1/2	1,936.49
3/4		3/4		3/4		3/4		3/4	3,576.56	3/4	3,323.93	3/4	3,071.31	3/4	2,817.56	3/4	2,522.27	3/4	2,226.30	3/4	1,930.32
11		11		11		11		11	3,571.29	11	3,318.67	11	3,066.04	11	2,811.37	11	2,516.10	11	2,220.13	11	1,924.16
1/4		1/4		1/4		1/4		1/4	3,566.03	1/4	3,313.41	1/4	3,060.78	1/4	2,805.18	1/4	2,509.94	1/4	2,213.96	1/4	1,917.99
1/2		1/2		1/2		1/2		1/2	3,560.77	1/2	3,308.14	1/2	3,055.52	1/2	2,798.99	1/2	2,503.77	1/2	2,207.80	1/2	1,911.83
3/4		3/4		3/4		3/4		3/4	3,555.50	3/4	3,302.88	3/4	3,050.26	3/4	2,792.84	3/4	2,497.60	3/4	2,201.63	3/4	1,905.66

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 ON CENTERLINE AND 30'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

PRECISION MEASUREMENT
 & ANALYSIS, INC.
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 Pearland, Texas 77588
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BARGE "KIRBY 10064"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,899.49	0	1,603.30	0	1,306.92	0	1,010.54	0	719.99	0	423.68	0	127.09	0		0		0	
1/4	1,893.33	1/4	1,597.12	1/4	1,300.75	1/4	1,004.37	1/4	713.91	1/4	417.50	1/4	120.91	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,887.16	1/2	1,590.95	1/2	1,294.57	1/2	998.19	1/2	707.83	1/2	411.32	1/2	114.74	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,880.99	3/4	1,584.78	3/4	1,288.40	3/4	992.02	3/4	701.67	3/4	405.14	3/4	108.59	3/4	3/4	3/4	3/4	3/4	3/4
1	1,874.83	1	1,578.60	1	1,282.22	1	985.84	1	695.51	1	398.96	1	102.44	1	1	1	1	1	1
1/4	1,868.66	1/4	1,572.43	1/4	1,276.05	1/4	979.67	1/4	689.35	1/4	392.78	1/4	96.29	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,862.50	1/2	1,566.25	1/2	1,269.87	1/2	973.49	1/2	683.19	1/2	386.60	1/2	90.14	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,856.33	3/4	1,560.08	3/4	1,263.70	3/4	967.38	3/4	677.01	3/4	380.43	3/4	84.02	3/4	3/4	3/4	3/4	3/4	3/4
2	1,850.16	2	1,553.90	2	1,257.52	2	961.27	2	670.83	2	374.25	2	77.90	2	2	2	2	2	2
1/4	1,844.00	1/4	1,547.73	1/4	1,251.35	1/4	955.16	1/4	664.65	1/4	368.07	1/4	71.78	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,837.83	1/2	1,541.56	1/2	1,245.17	1/2	949.04	1/2	658.47	1/2	361.89	1/2	65.66	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,831.67	3/4	1,535.38	3/4	1,239.00	3/4	943.00	3/4	652.30	3/4	355.71	3/4	59.60	3/4	3/4	3/4	3/4	3/4	3/4
3	1,825.50	3	1,529.21	3	1,232.83	3	936.95	3	646.12	3	349.53	3	53.54	3	3	3	3	3	3
1/4	1,819.33	1/4	1,523.03	1/4	1,226.65	1/4	930.90	1/4	639.94	1/4	343.35	1/4	47.47	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,813.17	1/2	1,516.86	1/2	1,220.48	1/2	924.85	1/2	633.76	1/2	337.17	1/2	41.41	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,806.99	3/4	1,510.68	3/4	1,214.30	3/4	918.80	3/4	627.58	3/4	330.99	3/4	36.26	3/4	3/4	3/4	3/4	3/4	3/4
4	1,800.82	4	1,504.51	4	1,208.13	4	912.75	4	621.40	4	324.82	4	31.11	4	4	4	4	4	4
1/4	1,794.64	1/4	1,498.33	1/4	1,201.95	1/4	906.70	1/4	615.22	1/4	318.64	1/4	25.96	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,788.47	1/2	1,492.16	1/2	1,195.78	1/2	900.66	1/2	609.05	1/2	312.46	1/2	20.81	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,782.30	3/4	1,485.98	3/4	1,189.60	3/4	894.62	3/4	602.87	3/4	306.28	3/4	17.72	3/4	3/4	3/4	3/4	3/4	3/4
5	1,776.12	5	1,479.81	5	1,183.43	5	888.59	5	596.69	5	300.10	5	14.62	5	5	5	5	5	5
1/4	1,769.95	1/4	1,473.63	1/4	1,177.25	1/4	882.56	1/4	590.51	1/4	293.92	1/4	11.53	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,763.77	1/2	1,467.46	1/2	1,171.08	1/2	876.53	1/2	584.33	1/2	287.74	1/2	8.43	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,757.60	3/4	1,461.29	3/4	1,164.90	3/4	870.51	3/4	578.15	3/4	281.56	3/4	7.40	3/4	3/4	3/4	3/4	3/4	3/4
6	1,751.42	6	1,455.11	6	1,158.73	6	864.50	6	571.97	6	275.38	6	6.37	6	6	6	6	6	6
1/4	1,745.25	1/4	1,448.94	1/4	1,152.56	1/4	858.48	1/4	565.79	1/4	269.21	1/4	5.34	1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,739.07	1/2	1,442.76	1/2	1,146.38	1/2	852.46	1/2	559.61	1/2	263.03	1/2	4.31	1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,732.90	3/4	1,436.59	3/4	1,140.21	3/4	846.45	3/4	553.44	3/4	256.85	3/4		3/4	3/4	3/4	3/4	3/4	3/4
7	1,726.73	7	1,430.41	7	1,134.03	7	840.43	7	547.26	7	250.67	7		7	7	7	7	7	7
1/4	1,720.55	1/4	1,424.24	1/4	1,127.86	1/4	834.42	1/4	541.08	1/4	244.49	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,714.38	1/2	1,418.06	1/2	1,121.68	1/2	828.40	1/2	534.90	1/2	238.31	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,708.21	3/4	1,411.89	3/4	1,115.51	3/4	822.39	3/4	528.72	3/4	232.13	3/4		3/4	3/4	3/4	3/4	3/4	3/4
8	1,702.04	8	1,405.71	8	1,109.33	8	816.37	8	522.54	8	225.95	8		8	8	8	8	8	8
1/4	1,695.87	1/4	1,399.54	1/4	1,103.16	1/4	810.35	1/4	516.36	1/4	219.77	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,689.70	1/2	1,393.36	1/2	1,096.98	1/2	804.34	1/2	510.18	1/2	213.60	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,683.52	3/4	1,387.19	3/4	1,090.81	3/4	798.32	3/4	504.00	3/4	207.42	3/4		3/4	3/4	3/4	3/4	3/4	3/4
9	1,677.35	9	1,381.02	9	1,084.63	9	792.31	9	497.83	9	201.24	9		9	9	9	9	9	9
1/4	1,671.18	1/4	1,374.84	1/4	1,078.46	1/4	786.29	1/4	491.65	1/4	195.06	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,665.01	1/2	1,368.67	1/2	1,072.29	1/2	780.27	1/2	485.47	1/2	188.88	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,658.84	3/4	1,362.49	3/4	1,066.11	3/4	774.26	3/4	479.29	3/4	182.70	3/4		3/4	3/4	3/4	3/4	3/4	3/4
10	1,652.67	10	1,356.32	10	1,059.94	10	768.24	10	473.11	10	176.52	10		10	10	10	10	10	10
1/4	1,646.50	1/4	1,350.14	1/4	1,053.76	1/4	762.23	1/4	466.93	1/4	170.35	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,640.32	1/2	1,343.97	1/2	1,047.59	1/2	756.21	1/2	460.75	1/2	164.17	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,634.15	3/4	1,337.79	3/4	1,041.41	3/4	750.20	3/4	454.57	3/4	157.98	3/4		3/4	3/4	3/4	3/4	3/4	3/4
11	1,627.98	11	1,331.62	11	1,035.24	11	744.18	11	448.39	11	151.80	11		11	11	11	11	11	11
1/4	1,621.81	1/4	1,325.44	1/4	1,029.06	1/4	738.16	1/4	442.21	1/4	145.61	1/4		1/4	1/4	1/4	1/4	1/4	1/4
1/2	1,615.64	1/2	1,319.27	1/2	1,022.89	1/2	732.15	1/2	436.04	1/2	139.43	1/2		1/2	1/2	1/2	1/2	1/2	1/2
3/4	1,609.47	3/4	1,313.10	3/4	1,016.71	3/4	726.07	3/4	429.86	3/4	133.26	3/4		3/4	3/4	3/4	3/4	3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL
CALCULATED: 04/23/2015 CL
VERIFIED: 06/05/2023

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 10064"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 1/2"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.			
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT		
0		0		0		0		0	3,254.54	0	2,993.08	0	2,731.63	0	2,469.77	0	2,206.93	0	1,944.08		
1/4		1/4		1/4		1/4		1/4	3,249.09	1/4	2,987.64	1/4	2,726.19	1/4	2,464.30	1/4	2,201.45	1/4	1,938.60		
1/2		1/2		1/2		1/2		1/2	3,469.92	1/2	3,243.64	1/2	2,982.19	1/2	2,720.74	1/2	2,458.82	1/2	2,195.97	1/2	1,933.13
3/4		3/4		3/4		3/4		3/4	3,469.00	3/4	3,238.20	3/4	2,976.74	3/4	2,715.29	3/4	2,453.35	3/4	2,190.50	3/4	1,927.65
1		1		1		1		1	3,232.75	1	2,971.30	1	2,709.85	1	2,447.87	1	2,185.02	1	1,922.17		
1/4		1/4		1/4		1/4		1/4	3,467.18	1/4	3,227.30	1/4	2,965.85	1/4	2,704.40	1/4	2,442.39	1/4	2,179.55	1/4	1,916.70
1/2		1/2		1/2		1/2		1/2	3,466.26	1/2	3,221.85	1/2	2,960.40	1/2	2,698.95	1/2	2,436.92	1/2	2,174.07	1/2	1,911.22
3/4		3/4		3/4		3/4		3/4	3,463.52	3/4	3,216.41	3/4	2,954.96	3/4	2,693.51	3/4	2,431.44	3/4	2,168.59	3/4	1,905.75
2		2		2		2		2	3,460.78	2	3,210.96	2	2,949.51	2	2,688.06	2	2,425.97	2	2,163.12	2	1,900.27
1/4		1/4		1/4		1/4		1/4	3,458.05	1/4	3,205.51	1/4	2,944.06	1/4	2,682.61	1/4	2,420.49	1/4	2,157.64	1/4	1,894.79
1/2		1/2		1/2		1/2		1/2	3,455.31	1/2	3,200.07	1/2	2,938.62	1/2	2,677.16	1/2	2,415.01	1/2	2,152.17	1/2	1,889.32
3/4		3/4		3/4		3/4		3/4	3,450.87	3/4	3,194.62	3/4	2,933.17	3/4	2,671.72	3/4	2,409.54	3/4	2,146.69	3/4	1,883.84
3		3		3		3		3	3,446.43	3	3,189.17	3	2,927.72	3	2,666.27	3	2,404.06	3	2,141.21	3	1,878.37
1/4		1/4		1/4		1/4		1/4	3,442.00	1/4	3,183.73	1/4	2,922.27	1/4	2,660.82	1/4	2,398.59	1/4	2,135.74	1/4	1,872.89
1/2		1/2		1/2		1/2		1/2	3,437.56	1/2	3,178.28	1/2	2,916.83	1/2	2,655.38	1/2	2,393.11	1/2	2,130.26	1/2	1,867.41
3/4		3/4		3/4		3/4		3/4	3,432.25	3/4	3,172.83	3/4	2,911.38	3/4	2,649.93	3/4	2,387.63	3/4	2,124.79	3/4	1,861.94
4		4		4		4		4	3,426.94	4	3,167.39	4	2,905.93	4	2,644.48	4	2,382.16	4	2,119.31	4	1,856.46
1/4		1/4		1/4		1/4		1/4	3,421.64	1/4	3,161.94	1/4	2,900.49	1/4	2,639.04	1/4	2,376.68	1/4	2,113.83	1/4	1,850.99
1/2		1/2		1/2		1/2		1/2	3,416.33	1/2	3,156.49	1/2	2,895.04	1/2	2,633.59	1/2	2,371.21	1/2	2,108.36	1/2	1,845.51
3/4		3/4		3/4		3/4		3/4	3,410.99	3/4	3,151.04	3/4	2,889.59	3/4	2,628.14	3/4	2,365.73	3/4	2,102.88	3/4	1,840.03
5		5		5		5		5	3,405.65	5	3,145.60	5	2,884.15	5	2,622.70	5	2,360.25	5	2,097.41	5	1,834.56
1/4		1/4		1/4		1/4		1/4	3,400.31	1/4	3,140.15	1/4	2,878.70	1/4	2,617.25	1/4	2,354.78	1/4	2,091.93	1/4	1,829.08
1/2		1/2		1/2		1/2		1/2	3,394.97	1/2	3,134.70	1/2	2,873.25	1/2	2,611.80	1/2	2,349.30	1/2	2,086.45	1/2	1,823.61
3/4		3/4		3/4		3/4		3/4	3,389.62	3/4	3,129.26	3/4	2,867.81	3/4	2,606.35	3/4	2,343.83	3/4	2,080.98	3/4	1,818.13
6		6		6		6		6	3,384.27	6	3,123.81	6	2,862.36	6	2,600.91	6	2,338.35	6	2,075.50	6	1,812.65
1/4		1/4		1/4		1/4		1/4	3,378.92	1/4	3,118.36	1/4	2,856.91	1/4	2,595.46	1/4	2,332.87	1/4	2,070.03	1/4	1,807.18
1/2		1/2		1/2		1/2		1/2	3,373.57	1/2	3,112.92	1/2	2,851.47	1/2	2,590.01	1/2	2,327.40	1/2	2,064.55	1/2	1,801.70
3/4		3/4		3/4		3/4		3/4	3,368.22	3/4	3,107.47	3/4	2,846.02	3/4	2,584.57	3/4	2,321.92	3/4	2,059.07	3/4	1,796.23
7		7		7		7		7	3,362.87	7	3,102.02	7	2,840.57	7	2,579.12	7	2,316.45	7	2,053.60	7	1,790.75
1/4		1/4		1/4		1/4		1/4	3,357.53	1/4	3,096.58	1/4	2,835.12	1/4	2,573.67	1/4	2,310.97	1/4	2,048.12	1/4	1,785.27
1/2		1/2		1/2		1/2		1/2	3,352.18	1/2	3,091.13	1/2	2,829.68	1/2	2,568.23	1/2	2,305.49	1/2	2,042.65	1/2	1,779.80
3/4		3/4		3/4		3/4		3/4	3,346.83	3/4	3,085.68	3/4	2,824.23	3/4	2,562.78	3/4	2,300.02	3/4	2,037.17	3/4	1,774.32
8		8		8		8		8	3,341.49	8	3,080.23	8	2,818.78	8	2,557.33	8	2,294.54	8	2,031.69	8	1,768.85
1/4		1/4		1/4		1/4		1/4	3,336.14	1/4	3,074.79	1/4	2,813.34	1/4	2,551.89	1/4	2,289.07	1/4	2,026.22	1/4	1,763.37
1/2		1/2		1/2		1/2		1/2	3,330.79	1/2	3,069.34	1/2	2,807.89	1/2	2,546.44	1/2	2,283.59	1/2	2,020.74	1/2	1,757.89
3/4		3/4		3/4		3/4		3/4	3,325.35	3/4	3,063.89	3/4	2,802.44	3/4	2,540.96	3/4	2,278.11	3/4	2,015.27	3/4	1,752.42
9		9		9		9		9	3,319.90	9	3,058.45	9	2,797.00	9	2,535.49	9	2,272.64	9	2,009.79	9	1,746.94
1/4		1/4		1/4		1/4		1/4	3,314.45	1/4	3,053.00	1/4	2,791.55	1/4	2,530.01	1/4	2,267.16	1/4	2,004.31	1/4	1,741.47
1/2		1/2		1/2		1/2		1/2	3,309.00	1/2	3,047.55	1/2	2,786.10	1/2	2,524.53	1/2	2,261.69	1/2	1,998.84	1/2	1,735.99
3/4		3/4		3/4		3/4		3/4	3,303.56	3/4	3,042.11	3/4	2,780.66	3/4	2,519.06	3/4	2,256.21	3/4	1,993.36	3/4	1,730.51
10		10		10		10		10	3,298.11	10	3,036.66	10	2,775.21	10	2,513.58	10	2,250.73	10	1,987.89	10	1,725.04
1/4		1/4		1/4		1/4		1/4	3,292.66	1/4	3,031.21	1/4	2,769.76	1/4	2,508.11	1/4	2,245.26	1/4	1,982.41	1/4	1,719.56
1/2		1/2		1/2		1/2		1/2	3,287.22	1/2	3,025.77	1/2	2,764.31	1/2	2,502.63	1/2	2,239.78	1/2	1,976.93	1/2	1,714.09
3/4		3/4		3/4		3/4		3/4	3,281.77	3/4	3,020.32	3/4	2,758.87	3/4	2,497.15	3/4	2,234.31	3/4	1,971.46	3/4	1,708.61
11		11		11		11		11	3,276.32	11	3,014.87	11	2,753.42	11	2,491.68	11	2,228.83	11	1,965.98	11	1,703.13
1/4		1/4		1/4		1/4		1/4	3,270.88	1/4	3,009.43	1/4	2,747.97	1/4	2,486.20	1/4	2,223.35	1/4	1,960.51	1/4	1,697.66
1/2		1/2		1/2		1/2		1/2	3,265.43	1/2	3,003.98	1/2	2,742.53	1/2	2,480.73	1/2	2,217.88	1/2	1,955.03	1/2	1,692.18
3/4		3/4		3/4		3/4		3/4	3,259.98	3/4	2,998.53	3/4	2,737.08	3/4	2,475.25	3/4	2,212.40	3/4	1,949.55	3/4	1,686.71

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 ON CENTERLINE AND 24'-09" FORWARD OF AFT BULKHEAD.

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

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



BARGE "KIRBY 10064"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-06 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	1,681.23	0	1,418.38	0	1,155.37	0	894.05	0	635.19	0	372.29	0	109.35	0		0		0	
1/4	1,675.75	1/4	1,412.91	1/4	1,149.89	1/4	888.66	1/4	629.76	1/4	366.81	1/4	103.89	1/4	1/4	1/4		1/4	
1/2	1,670.28	1/2	1,407.43	1/2	1,144.41	1/2	883.26	1/2	624.32	1/2	361.33	1/2	98.42	1/2	1/2	1/2		1/2	
3/4	1,664.80	3/4	1,401.95	3/4	1,138.94	3/4	877.87	3/4	618.84	3/4	355.85	3/4	92.98	3/4	3/4	3/4		3/4	
1	1,659.33	1	1,396.47	1	1,133.46	1	872.47	1	613.37	1	350.37	1	87.53	1	1	1		1	
1/4	1,653.85	1/4	1,390.99	1/4	1,127.98	1/4	867.08	1/4	607.89	1/4	344.89	1/4	82.09	1/4	1/4	1/4		1/4	
1/2	1,648.37	1/2	1,385.51	1/2	1,122.50	1/2	861.68	1/2	602.41	1/2	339.41	1/2	76.65	1/2	1/2	1/2		1/2	
3/4	1,642.90	3/4	1,380.03	3/4	1,117.02	3/4	856.29	3/4	596.93	3/4	333.93	3/4	71.23	3/4	3/4	3/4		3/4	
2	1,637.42	2	1,374.55	2	1,111.54	2	850.89	2	591.45	2	328.45	2	65.81	2	2	2		2	
1/4	1,631.95	1/4	1,369.07	1/4	1,106.06	1/4	845.50	1/4	585.97	1/4	322.97	1/4	60.40	1/4	1/4	1/4		1/4	
1/2	1,626.47	1/2	1,363.59	1/2	1,100.58	1/2	840.10	1/2	580.49	1/2	317.50	1/2	54.98	1/2	1/2	1/2		1/2	
3/4	1,620.99	3/4	1,358.12	3/4	1,095.10	3/4	834.71	3/4	575.01	3/4	312.02	3/4	49.62	3/4	3/4	3/4		3/4	
3	1,615.52	3	1,352.64	3	1,089.62	3	829.31	3	569.53	3	306.54	3	44.25	3	3	3		3	
1/4	1,610.04	1/4	1,347.16	1/4	1,084.14	1/4	823.92	1/4	564.05	1/4	301.06	1/4	38.88	1/4	1/4	1/4		1/4	
1/2	1,604.57	1/2	1,341.68	1/2	1,078.66	1/2	818.53	1/2	558.58	1/2	295.58	1/2	33.52	1/2	1/2	1/2		1/2	
3/4	1,599.09	3/4	1,336.20	3/4	1,073.18	3/4	813.14	3/4	553.10	3/4	290.10	3/4	28.96	3/4	3/4	3/4		3/4	
4	1,593.61	4	1,330.72	4	1,067.70	4	807.75	4	547.62	4	284.62	4	24.40	4	4	4		4	
1/4	1,588.14	1/4	1,325.24	1/4	1,062.22	1/4	802.36	1/4	542.14	1/4	279.14	1/4	19.84	1/4	1/4	1/4		1/4	
1/2	1,582.66	1/2	1,319.76	1/2	1,056.74	1/2	796.97	1/2	536.66	1/2	273.66	1/2	15.29	1/2	1/2	1/2		1/2	
3/4	1,577.19	3/4	1,314.28	3/4	1,051.26	3/4	791.58	3/4	531.18	3/4	268.18	3/4	12.55	3/4	3/4	3/4		3/4	
5	1,571.71	5	1,308.80	5	1,045.78	5	786.19	5	525.70	5	262.70	5	9.81	5	5	5		5	
1/4	1,566.23	1/4	1,303.32	1/4	1,040.30	1/4	780.80	1/4	520.22	1/4	257.23	1/4	7.07	1/4	1/4	1/4		1/4	
1/2	1,560.76	1/2	1,297.84	1/2	1,034.82	1/2	775.41	1/2	514.74	1/2	251.75	1/2	4.33	1/2	1/2	1/2		1/2	
3/4	1,555.28	3/4	1,292.36	3/4	1,029.35	3/4	770.02	3/4	509.26	3/4	246.27	3/4	3.42	3/4	3/4	3/4		3/4	
6	1,549.81	6	1,286.88	6	1,023.87	6	764.63	6	503.78	6	240.79	6	2.50	6	6	6		6	
1/4	1,544.33	1/4	1,281.40	1/4	1,018.39	1/4	759.24	1/4	498.31	1/4	235.31	1/4	1.59	1/4	1/4	1/4		1/4	
1/2	1,538.85	1/2	1,275.92	1/2	1,012.91	1/2	753.85	1/2	492.83	1/2	229.83	1/2	0.68	1/2	1/2	1/2		1/2	
3/4	1,533.38	3/4	1,270.44	3/4	1,007.47	3/4	748.46	3/4	487.35	3/4	224.35	3/4		3/4	3/4	3/4		3/4	
7	1,527.90	7	1,264.96	7	1,002.03	7	743.07	7	481.87	7	218.87	7		7	7	7		7	
1/4	1,522.43	1/4	1,259.48	1/4	996.59	1/4	737.68	1/4	476.39	1/4	213.39	1/4		1/4	1/4	1/4		1/4	
1/2	1,516.95	1/2	1,254.00	1/2	991.16	1/2	732.29	1/2	470.91	1/2	207.91	1/2		1/2	1/2	1/2		1/2	
3/4	1,511.47	3/4	1,248.53	3/4	985.76	3/4	726.90	3/4	465.43	3/4	202.43	3/4		3/4	3/4	3/4		3/4	
8	1,506.00	8	1,243.05	8	980.37	8	721.51	8	459.95	8	196.96	8		8	8	8		8	
1/4	1,500.52	1/4	1,237.57	1/4	974.97	1/4	716.12	1/4	454.47	1/4	191.48	1/4		1/4	1/4	1/4		1/4	
1/2	1,495.05	1/2	1,232.09	1/2	969.58	1/2	710.74	1/2	448.99	1/2	186.00	1/2		1/2	1/2	1/2		1/2	
3/4	1,489.57	3/4	1,226.61	3/4	964.18	3/4	705.35	3/4	443.51	3/4	180.52	3/4		3/4	3/4	3/4		3/4	
9	1,484.09	9	1,221.13	9	958.79	9	699.96	9	438.04	9	175.04	9		9	9	9		9	
1/4	1,478.62	1/4	1,215.65	1/4	953.39	1/4	694.57	1/4	432.56	1/4	169.56	1/4		1/4	1/4	1/4		1/4	
1/2	1,473.14	1/2	1,210.17	1/2	948.00	1/2	689.18	1/2	427.08	1/2	164.08	1/2		1/2	1/2	1/2		1/2	
3/4	1,467.67	3/4	1,204.69	3/4	942.60	3/4	683.79	3/4	421.60	3/4	158.60	3/4		3/4	3/4	3/4		3/4	
10	1,462.19	10	1,199.21	10	937.21	10	678.40	10	416.12	10	153.12	10		10	10	10		10	
1/4	1,456.71	1/4	1,193.73	1/4	931.81	1/4	673.01	1/4	410.64	1/4	147.65	1/4		1/4	1/4	1/4		1/4	
1/2	1,451.24	1/2	1,188.25	1/2	926.42	1/2	667.62	1/2	405.16	1/2	142.17	1/2		1/2	1/2	1/2		1/2	
3/4	1,445.76	3/4	1,182.77	3/4	921.02	3/4	662.23	3/4	399.68	3/4	136.69	3/4		3/4	3/4	3/4		3/4	
11	1,440.29	11	1,177.29	11	915.63	11	656.84	11	394.20	11	131.22	11		11	11	11		11	
1/4	1,434.81	1/4	1,171.81	1/4	910.24	1/4	651.45	1/4	388.72	1/4	125.75	1/4		1/4	1/4	1/4		1/4	
1/2	1,429.33	1/2	1,166.33	1/2	904.84	1/2	646.07	1/2	383.24	1/2	120.27	1/2		1/2	1/2	1/2		1/2	
3/4	1,423.86	3/4	1,160.85	3/4	899.45	3/4	640.63	3/4	377.77	3/4	114.81	3/4		3/4	3/4	3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL
CALCULATED: 04/23/2015 CL
VERIFIED: 06/05/2023

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 10064"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

0 FT.		1 FT.		2 FT.		3 FT.		4 FT.		5 FT.		6 FT.		7 FT.		8 FT.		9 FT.	
IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT	IN	OUT
0		0		0		0		0	3,241.37	0	2,982.20	0	2,723.03	0	2,463.51	0	2,202.93	0	1,942.36
1/4		1/4		1/4		1/4		1/4	3,235.97	1/4	2,976.80	1/4	2,717.63	1/4	2,458.08	1/4	2,197.51	1/4	1,936.93
1/2		1/2		1/2		1/2		1/2	3,230.57	1/2	2,971.40	1/2	2,712.23	1/2	2,452.65	1/2	2,192.08	1/2	1,931.50
3/4		3/4		3/4		3/4		3/4	3,225.17	3/4	2,966.00	3/4	2,706.83	3/4	2,447.22	3/4	2,186.65	3/4	1,926.08
1		1		1		1	3,444.09	1	3,219.77	1	2,960.60	1	2,701.43	1	2,441.79	1	2,181.22	1	1,920.65
1/4		1/4		1/4		1/4	3,443.18	1/4	3,214.37	1/4	2,955.20	1/4	2,696.03	1/4	2,436.36	1/4	2,175.79	1/4	1,915.22
1/2		1/2		1/2		1/2	3,442.28	1/2	3,208.97	1/2	2,949.80	1/2	2,690.63	1/2	2,430.94	1/2	2,170.36	1/2	1,909.79
3/4		3/4		3/4		3/4	3,441.37	3/4	3,203.58	3/4	2,944.40	3/4	2,685.23	3/4	2,425.51	3/4	2,164.93	3/4	1,904.36
2		2		2		2	3,440.47	2	3,176.58	2	2,939.00	2	2,679.83	2	2,420.08	2	2,159.51	2	1,898.93
1/4		1/4		1/4		1/4	3,437.75	1/4	3,192.78	1/4	2,933.61	1/4	2,674.43	1/4	2,414.65	1/4	2,154.08	1/4	1,893.50
1/2		1/2		1/2		1/2	3,435.04	1/2	3,187.38	1/2	2,928.21	1/2	2,669.03	1/2	2,409.22	1/2	2,148.65	1/2	1,888.08
3/4		3/4		3/4		3/4	3,432.32	3/4	3,181.98	3/4	2,922.81	3/4	2,663.64	3/4	2,403.79	3/4	2,143.22	3/4	1,882.65
3		3		3		3	3,429.60	3	3,176.58	3	2,917.41	3	2,658.24	3	2,398.36	3	2,137.79	3	1,877.22
1/4		1/4		1/4		1/4	3,425.21	1/4	3,171.18	1/4	2,912.01	1/4	2,652.84	1/4	2,392.94	1/4	2,132.36	1/4	1,871.79
1/2		1/2		1/2		1/2	3,420.81	1/2	3,165.78	1/2	2,906.61	1/2	2,647.44	1/2	2,387.51	1/2	2,126.93	1/2	1,866.36
3/4		3/4		3/4		3/4	3,416.41	3/4	3,160.38	3/4	2,901.21	3/4	2,642.04	3/4	2,382.08	3/4	2,121.51	3/4	1,860.93
4		4		4		4	3,412.01	4	3,154.98	4	2,895.81	4	2,636.64	4	2,376.65	4	2,116.08	4	1,855.50
1/4		1/4		1/4		1/4	3,406.75	1/4	3,149.58	1/4	2,890.41	1/4	2,631.24	1/4	2,371.22	1/4	2,110.65	1/4	1,850.08
1/2		1/2		1/2		1/2	3,401.49	1/2	3,144.18	1/2	2,885.01	1/2	2,625.84	1/2	2,365.79	1/2	2,105.22	1/2	1,844.65
3/4		3/4		3/4		3/4	3,396.23	3/4	3,138.78	3/4	2,879.61	3/4	2,620.44	3/4	2,360.36	3/4	2,099.79	3/4	1,839.22
5		5		5		5	3,390.97	5	3,133.38	5	2,874.21	5	2,615.04	5	2,354.94	5	2,094.36	5	1,833.79
1/4		1/4		1/4		1/4	3,385.68	1/4	3,127.98	1/4	2,868.81	1/4	2,609.64	1/4	2,349.51	1/4	2,088.93	1/4	1,828.36
1/2		1/2		1/2		1/2	3,380.39	1/2	3,122.58	1/2	2,863.41	1/2	2,604.24	1/2	2,344.08	1/2	2,083.51	1/2	1,822.93
3/4		3/4		3/4		3/4	3,375.09	3/4	3,117.18	3/4	2,858.01	3/4	2,598.84	3/4	2,338.65	3/4	2,078.08	3/4	1,817.50
6		6		6		6	3,369.80	6	3,111.79	6	2,852.61	6	2,593.44	6	2,333.22	6	2,072.65	6	1,812.08
1/4		1/4		1/4		1/4	3,364.50	1/4	3,106.39	1/4	2,847.21	1/4	2,588.04	1/4	2,327.79	1/4	2,067.22	1/4	1,806.65
1/2		1/2		1/2		1/2	3,359.19	1/2	3,100.99	1/2	2,841.82	1/2	2,582.64	1/2	2,322.36	1/2	2,061.79	1/2	1,801.22
3/4		3/4		3/4		3/4	3,353.88	3/4	3,095.59	3/4	2,836.42	3/4	2,577.24	3/4	2,316.93	3/4	2,056.36	3/4	1,795.79
7		7		7		7	3,348.58	7	3,090.19	7	2,831.02	7	2,571.85	7	2,311.51	7	2,050.93	7	1,790.36
1/4		1/4		1/4		1/4	3,343.27	1/4	3,084.79	1/4	2,825.62	1/4	2,566.45	1/4	2,306.08	1/4	2,045.50	1/4	1,784.93
1/2		1/2		1/2		1/2	3,337.97	1/2	3,079.39	1/2	2,820.22	1/2	2,561.05	1/2	2,300.65	1/2	2,040.08	1/2	1,779.50
3/4		3/4		3/4		3/4	3,332.67	3/4	3,073.99	3/4	2,814.82	3/4	2,555.65	3/4	2,295.22	3/4	2,034.65	3/4	1,774.07
8		8		8		8	3,327.37	8	3,068.59	8	2,809.42	8	2,550.25	8	2,289.79	8	2,029.22	8	1,768.65
1/4		1/4		1/4		1/4	3,322.07	1/4	3,063.19	1/4	2,804.02	1/4	2,544.85	1/4	2,284.36	1/4	2,023.79	1/4	1,763.22
1/2		1/2		1/2		1/2	3,316.77	1/2	3,057.79	1/2	2,798.62	1/2	2,539.45	1/2	2,278.93	1/2	2,018.36	1/2	1,757.79
3/4		3/4		3/4		3/4	3,311.47	3/4	3,052.39	3/4	2,793.22	3/4	2,534.05	3/4	2,273.51	3/4	2,012.93	3/4	1,752.36
9		9		9		9	3,306.16	9	3,046.99	9	2,787.82	9	2,528.65	9	2,268.08	9	2,007.50	9	1,746.93
1/4		1/4		1/4		1/4	3,300.76	1/4	3,041.59	1/4	2,782.42	1/4	2,523.22	1/4	2,262.65	1/4	2,002.08	1/4	1,741.50
1/2		1/2		1/2		1/2	3,295.37	1/2	3,036.19	1/2	2,777.02	1/2	2,517.79	1/2	2,257.22	1/2	1,996.65	1/2	1,736.07
3/4		3/4		3/4		3/4	3,289.97	3/4	3,030.79	3/4	2,771.62	3/4	2,512.36	3/4	2,251.79	3/4	1,991.22	3/4	1,730.65
10		10		10		10	3,284.57	10	3,025.40	10	2,766.22	10	2,506.94	10	2,246.36	10	1,985.79	10	1,725.22
1/4		1/4		1/4		1/4	3,279.17	1/4	3,020.00	1/4	2,760.82	1/4	2,501.51	1/4	2,240.93	1/4	1,980.36	1/4	1,719.79
1/2		1/2		1/2		1/2	3,273.77	1/2	3,014.60	1/2	2,755.43	1/2	2,496.08	1/2	2,235.51	1/2	1,974.93	1/2	1,714.36
3/4		3/4		3/4		3/4	3,268.37	3/4	3,009.20	3/4	2,750.03	3/4	2,490.65	3/4	2,230.08	3/4	1,969.50	3/4	1,708.93
11		11		11		11	3,262.97	11	3,003.80	11	2,744.63	11	2,485.22	11	2,224.65	11	1,964.08	11	1,703.50
1/4		1/4		1/4		1/4	3,257.57	1/4	2,998.40	1/4	2,739.23	1/4	2,479.79	1/4	2,219.22	1/4	1,958.65	1/4	1,698.07
1/2		1/2		1/2		1/2	3,252.17	1/2	2,993.00	1/2	2,733.83	1/2	2,474.36	1/2	2,213.79	1/2	1,953.22	1/2	1,692.65
3/4		3/4		3/4		3/4	3,246.77	3/4	2,987.60	3/4	2,728.43	3/4	2,468.94	3/4	2,208.36	3/4	1,947.79	3/4	1,687.22

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 ON CENTERLINE AND 24'-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 10064"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

GAUGE HEIGHT 16'-07"

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	1,681.79	0	1,421.22	0	1,160.49	0	900.48	0	640.64	0	379.93	0	119.24	0		0		0	
1/4	1,676.36	1/4	1,415.79	1/4	1,155.06	1/4	895.09	1/4	635.21	1/4	374.50	1/4	113.82	1/4	1/4	1/4		1/4	1/4
1/2	1,670.93	1/2	1,410.36	1/2	1,149.63	1/2	889.69	1/2	629.78	1/2	369.07	1/2	108.41	1/2	1/2	1/2		1/2	1/2
3/4	1,665.50	3/4	1,404.93	3/4	1,144.20	3/4	884.29	3/4	624.35	3/4	363.63	3/4	102.99	3/4	3/4	3/4		3/4	3/4
1	1,660.07	1	1,399.50	1	1,138.77	1	878.90	1	618.92	1	358.20	1	97.58	1	1	1		1	1
1/4	1,654.65	1/4	1,394.07	1/4	1,133.33	1/4	873.50	1/4	613.49	1/4	352.77	1/4	92.18	1/4	1/4	1/4		1/4	1/4
1/2	1,649.22	1/2	1,388.64	1/2	1,127.90	1/2	868.11	1/2	608.06	1/2	347.34	1/2	86.78	1/2	1/2	1/2		1/2	1/2
3/4	1,643.79	3/4	1,383.21	3/4	1,122.47	3/4	862.71	3/4	602.62	3/4	341.91	3/4	81.38	3/4	3/4	3/4		3/4	3/4
2	1,638.36	2	1,377.77	2	1,117.04	2	857.32	2	597.19	2	336.48	2	75.99	2	2	2		2	2
1/4	1,632.93	1/4	1,372.34	1/4	1,111.61	1/4	851.92	1/4	591.76	1/4	331.04	1/4	70.62	1/4	1/4	1/4		1/4	1/4
1/2	1,627.50	1/2	1,366.91	1/2	1,106.17	1/2	846.52	1/2	586.33	1/2	325.61	1/2	65.25	1/2	1/2	1/2		1/2	1/2
3/4	1,622.07	3/4	1,361.48	3/4	1,100.74	3/4	841.13	3/4	580.90	3/4	320.18	3/4	59.88	3/4	3/4	3/4		3/4	3/4
3	1,616.65	3	1,356.05	3	1,095.31	3	835.73	3	575.47	3	314.75	3	54.51	3	3	3		3	3
1/4	1,611.22	1/4	1,350.61	1/4	1,089.88	1/4	830.34	1/4	570.04	1/4	309.32	1/4	49.19	1/4	1/4	1/4		1/4	1/4
1/2	1,605.79	1/2	1,345.18	1/2	1,084.45	1/2	824.94	1/2	564.60	1/2	303.89	1/2	43.87	1/2	1/2	1/2		1/2	1/2
3/4	1,600.36	3/4	1,339.75	3/4	1,079.01	3/4	819.54	3/4	559.17	3/4	298.46	3/4	38.55	3/4	3/4	3/4		3/4	3/4
4	1,594.93	4	1,334.32	4	1,073.58	4	814.15	4	553.74	4	293.02	4	33.23	4	4	4		4	4
1/4	1,589.50	1/4	1,328.89	1/4	1,068.15	1/4	808.76	1/4	548.31	1/4	287.59	1/4	28.71	1/4	1/4	1/4		1/4	1/4
1/2	1,584.07	1/2	1,323.45	1/2	1,062.72	1/2	803.37	1/2	542.88	1/2	282.16	1/2	24.20	1/2	1/2	1/2		1/2	1/2
3/4	1,578.65	3/4	1,318.02	3/4	1,057.29	3/4	797.98	3/4	537.45	3/4	276.73	3/4	19.68	3/4	3/4	3/4		3/4	3/4
5	1,573.22	5	1,312.59	5	1,051.85	5	792.59	5	532.01	5	271.30	5	15.16	5	5	5		5	5
1/4	1,567.79	1/4	1,307.16	1/4	1,046.42	1/4	787.16	1/4	526.58	1/4	265.87	1/4	12.44	1/4	1/4	1/4		1/4	1/4
1/2	1,562.36	1/2	1,301.73	1/2	1,040.99	1/2	781.73	1/2	521.15	1/2	260.43	1/2	9.73	1/2	1/2	1/2		1/2	1/2
3/4	1,556.93	3/4	1,296.29	3/4	1,035.56	3/4	776.31	3/4	515.72	3/4	255.00	3/4	7.01	3/4	3/4	3/4		3/4	3/4
6	1,551.50	6	1,290.86	6	1,030.13	6	770.88	6	510.29	6	249.57	6	4.30	6	6	6		6	6
1/4	1,546.07	1/4	1,285.43	1/4	1,024.69	1/4	765.45	1/4	504.86	1/4	244.14	1/4	3.39	1/4	1/4	1/4		1/4	1/4
1/2	1,540.65	1/2	1,280.00	1/2	1,019.26	1/2	760.03	1/2	499.42	1/2	238.71	1/2	2.49	1/2	1/2	1/2		1/2	1/2
3/4	1,535.22	3/4	1,274.57	3/4	1,013.83	3/4	754.60	3/4	493.99	3/4	233.28	3/4	1.58	3/4	3/4	3/4		3/4	3/4
7	1,529.79	7	1,269.13	7	1,008.40	7	749.17	7	488.56	7	227.84	7	0.68	7	7	7		7	7
1/4	1,524.36	1/4	1,263.70	1/4	1,003.00	1/4	743.75	1/4	483.13	1/4	222.41	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,518.93	1/2	1,258.27	1/2	997.61	1/2	738.32	1/2	477.70	1/2	216.98	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,513.50	3/4	1,252.84	3/4	992.21	3/4	732.89	3/4	472.27	3/4	211.55	3/4		3/4	3/4	3/4		3/4	3/4
8	1,508.07	8	1,247.41	8	986.81	8	727.47	8	466.83	8	206.12	8		8	8	8		8	8
1/4	1,502.64	1/4	1,241.97	1/4	981.42	1/4	722.04	1/4	461.40	1/4	200.69	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,497.22	1/2	1,236.54	1/2	976.02	1/2	716.61	1/2	455.97	1/2	195.25	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,491.79	3/4	1,231.11	3/4	970.63	3/4	711.19	3/4	450.54	3/4	189.82	3/4		3/4	3/4	3/4		3/4	3/4
9	1,486.36	9	1,225.68	9	965.23	9	705.76	9	445.11	9	184.39	9		9	9	9		9	9
1/4	1,480.93	1/4	1,220.25	1/4	959.84	1/4	700.33	1/4	439.68	1/4	178.96	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,475.50	1/2	1,214.81	1/2	954.44	1/2	694.91	1/2	434.25	1/2	173.53	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,470.07	3/4	1,209.38	3/4	949.04	3/4	689.48	3/4	428.81	3/4	168.10	3/4		3/4	3/4	3/4		3/4	3/4
10	1,464.64	10	1,203.95	10	943.65	10	684.05	10	423.38	10	162.67	10		10	10	10		10	10
1/4	1,459.22	1/4	1,198.52	1/4	938.25	1/4	678.63	1/4	417.95	1/4	157.23	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,453.79	1/2	1,193.09	1/2	932.86	1/2	673.20	1/2	412.52	1/2	151.80	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,448.36	3/4	1,187.65	3/4	927.46	3/4	667.77	3/4	407.09	3/4	146.37	3/4		3/4	3/4	3/4		3/4	3/4
11	1,442.93	11	1,182.22	11	922.06	11	662.35	11	401.66	11	140.94	11		11	11	11		11	11
1/4	1,437.50	1/4	1,176.79	1/4	916.67	1/4	656.92	1/4	396.22	1/4	135.51	1/4		1/4	1/4	1/4		1/4	1/4
1/2	1,432.07	1/2	1,171.36	1/2	911.27	1/2	651.49	1/2	390.79	1/2	130.09	1/2		1/2	1/2	1/2		1/2	1/2
3/4	1,426.64	3/4	1,165.93	3/4	905.88	3/4	646.07	3/4	385.36	3/4	124.66	3/4		3/4	3/4	3/4		3/4	3/4

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 04/23/2015 CL
CALCULATED: 04/23/2015 CL
VERIFIED: 06/05/2023

CANCELS AND SUPERCEDES
ALL PRIOR TO 06/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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