



BARGE "KIRBY 11340"

ULLAGE TRIM TABLE
FORMERLY "CGBM 113"

	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	- 00-3/8	00-3/8	- 00-3/4	00-3/4	- 01-1/8	01-1/8	- 01-1/2	01-1/2	- 01-7/8	01-7/8	- 02-1/4	02-1/4
2 CENTER	00-1/4	- 00-1/4	00-5/8	- 00-5/8	00-7/8	- 00-7/8	01-1/4	- 01-1/4	01-1/2	- 01-1/2	01-3/4	- 01-3/4
3 CENTER	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	00-3/8	- 00-3/8

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

LENGTH BETWEEN DRAFT MARKS: 170'-09"

April 10, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11340"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-09"

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	3,427.05	0	3,215.42	0	3,004.64	0	2,793.86	0	2,583.08	0	2,343.44	0	2,101.39
1/4		1/4		1/4		1/4	3,422.09	1/4	3,211.03	1/4	3,000.25	1/4	2,789.47	1/4	2,578.69	1/4	2,338.41	1/4	2,096.34
1/2		1/2		1/2		1/2	3,417.12	1/2	3,206.64	1/2	2,995.86	1/2	2,785.08	1/2	2,574.29	1/2	2,333.37	1/2	2,091.28
3/4		3/4		3/4		3/4	3,412.16	3/4	3,202.25	3/4	2,991.47	3/4	2,780.68	3/4	2,569.90	3/4	2,328.33	3/4	2,086.23
1		1		1		1	3,407.19	1	3,197.86	1	2,987.08	1	2,776.29	1	2,565.51	1	2,323.29	1	2,081.18
1/4		1/4		1/4		1/4	3,402.88	1/4	3,193.47	1/4	2,982.68	1/4	2,771.90	1/4	2,560.44	1/4	2,318.25	1/4	2,076.13
1/2		1/2		1/2		1/2	3,398.57	1/2	3,189.08	1/2	2,978.29	1/2	2,767.51	1/2	2,555.38	1/2	2,313.21	1/2	2,071.07
3/4		3/4		3/4		3/4	3,394.25	3/4	3,184.68	3/4	2,973.90	3/4	2,763.12	3/4	2,550.31	3/4	2,308.17	3/4	2,066.02
2		2		2		2	3,389.94	2	3,180.29	2	2,969.51	2	2,758.73	2	2,545.24	2	2,303.13	2	2,060.97
1/4		1/4		1/4		1/4	3,385.62	1/4	3,175.90	1/4	2,965.12	1/4	2,754.34	1/4	2,540.18	1/4	2,298.09	1/4	2,055.92
1/2		1/2		1/2		1/2	3,381.30	1/2	3,171.51	1/2	2,960.73	1/2	2,749.95	1/2	2,535.11	1/2	2,293.05	1/2	2,050.86
3/4		3/4		3/4		3/4	3,376.98	3/4	3,167.12	3/4	2,956.34	3/4	2,745.55	3/4	2,530.05	3/4	2,288.01	3/4	2,045.81
3		3		3		3	3,372.66	3	3,162.73	3	2,951.95	3	2,741.16	3	2,524.98	3	2,282.97	3	2,040.76
1/4		1/4		1/4		1/4	3,368.34	1/4	3,158.34	1/4	2,947.55	1/4	2,736.77	1/4	2,519.91	1/4	2,277.93	1/4	2,035.71
1/2		1/2		1/2		1/2	3,364.02	1/2	3,153.95	1/2	2,943.16	1/2	2,732.38	1/2	2,514.85	1/2	2,272.89	1/2	2,030.65
3/4		3/4		3/4		3/4	3,359.70	3/4	3,149.55	3/4	2,938.77	3/4	2,727.99	3/4	2,509.78	3/4	2,267.85	3/4	2,025.60
4		4		4		4	3,355.38	4	3,145.16	4	2,934.38	4	2,723.60	4	2,504.71	4	2,262.81	4	2,020.55
1/4		1/4		1/4		1/4	3,351.06	1/4	3,140.77	1/4	2,929.99	1/4	2,719.21	1/4	2,499.67	1/4	2,257.77	1/4	2,015.50
1/2		1/2		1/2		1/2	3,346.74	1/2	3,136.38	1/2	2,925.60	1/2	2,714.82	1/2	2,494.63	1/2	2,252.73	1/2	2,010.44
3/4		3/4		3/4		3/4	3,342.42	3/4	3,131.99	3/4	2,921.21	3/4	2,710.42	3/4	2,489.59	3/4	2,247.69	3/4	2,005.39
5		5		5		5	3,338.10	5	3,127.60	5	2,916.82	5	2,706.03	5	2,484.55	5	2,242.65	5	2,000.34
1/4		1/4		1/4		1/4	3,333.78	1/4	3,123.21	1/4	2,912.42	1/4	2,701.64	1/4	2,479.51	1/4	2,237.61	1/4	1,995.29
1/2		1/2		1/2		1/2	3,329.46	1/2	3,118.82	1/2	2,908.03	1/2	2,697.25	1/2	2,474.47	1/2	2,232.57	1/2	1,990.23
3/4		3/4		3/4		3/4	3,325.14	3/4	3,114.42	3/4	2,903.64	3/4	2,692.86	3/4	2,469.43	3/4	2,227.53	3/4	1,985.18
6		6		6		6	3,320.81	6	3,110.03	6	2,899.25	6	2,688.47	6	2,464.40	6	2,222.49	6	1,980.13
1/4		1/4		1/4		1/4	3,316.42	1/4	3,105.64	1/4	2,894.86	1/4	2,684.08	1/4	2,459.36	1/4	2,217.45	1/4	1,975.08
1/2		1/2		1/2		1/2	3,312.03	1/2	3,101.25	1/2	2,890.47	1/2	2,679.69	1/2	2,454.32	1/2	2,212.42	1/2	1,970.02
3/4		3/4		3/4		3/4	3,481.29	3/4	3,307.64	3/4	3,096.86	3/4	2,886.08	3/4	2,675.29	3/4	2,449.28	3/4	2,207.38
7		7		7		7	3,481.16	7	3,303.25	7	3,092.47	7	2,881.68	7	2,670.90	7	2,444.24	7	2,202.34
1/4		1/4		1/4		1/4	3,480.48	1/4	3,298.86	1/4	3,088.08	1/4	2,877.29	1/4	2,666.51	1/4	2,439.20	1/4	2,197.30
1/2		1/2		1/2		1/2	3,479.79	1/2	3,294.47	1/2	3,083.68	1/2	2,872.90	1/2	2,662.12	1/2	2,434.16	1/2	2,192.26
3/4		3/4		3/4		3/4	3,479.10	3/4	3,290.08	3/4	3,079.29	3/4	2,868.51	3/4	2,657.73	3/4	2,429.12	3/4	2,187.22
8		8		8		8	3,478.41	8	3,285.68	8	3,074.90	8	2,864.12	8	2,653.34	8	2,424.08	8	2,182.18
1/4		1/4		1/4		1/4	3,476.71	1/4	3,281.29	1/4	3,070.51	1/4	2,859.73	1/4	2,648.95	1/4	2,419.04	1/4	2,177.14
1/2		1/2		1/2		1/2	3,475.01	1/2	3,276.90	1/2	3,066.12	1/2	2,855.34	1/2	2,644.55	1/2	2,414.00	1/2	2,172.10
3/4		3/4		3/4		3/4	3,473.30	3/4	3,272.51	3/4	3,061.73	3/4	2,850.95	3/4	2,640.16	3/4	2,408.96	3/4	2,167.06
9		9		9		9	3,471.60	9	3,268.12	9	3,057.34	9	2,846.55	9	2,635.77	9	2,403.92	9	2,162.02
1/4		1/4		1/4		1/4	3,468.89	1/4	3,263.73	1/4	3,052.95	1/4	2,842.16	1/4	2,631.38	1/4	2,398.88	1/4	2,157.97
1/2		1/2		1/2		1/2	3,466.17	1/2	3,259.34	1/2	3,048.55	1/2	2,837.77	1/2	2,626.99	1/2	2,393.84	1/2	2,151.91
3/4		3/4		3/4		3/4	3,463.46	3/4	3,254.95	3/4	3,044.16	3/4	2,833.38	3/4	2,622.60	3/4	2,388.80	3/4	2,146.86
10		10		10		10	3,460.74	10	3,250.55	10	3,039.77	10	2,828.99	10	2,618.21	10	2,383.76	10	2,141.81
1/4		1/4		1/4		1/4	3,457.01	1/4	3,246.16	1/4	3,035.38	1/4	2,824.60	1/4	2,613.82	1/4	2,378.72	1/4	2,136.76
1/2		1/2		1/2		1/2	3,453.28	1/2	3,241.77	1/2	3,030.99	1/2	2,820.21	1/2	2,609.42	1/2	2,373.68	1/2	2,131.70
3/4		3/4		3/4		3/4	3,449.55	3/4	3,237.38	3/4	3,026.60	3/4	2,815.82	3/4	2,605.03	3/4	2,368.64	3/4	2,126.65
11		11		11		11	3,445.82	11	3,232.99	11	3,022.21	11	2,811.42	11	2,600.64	11	2,363.60	11	2,121.60
1/4		1/4		1/4		1/4	3,441.13	1/4	3,228.60	1/4	3,017.82	1/4	2,807.03	1/4	2,596.25	1/4	2,358.56	1/4	2,116.55
1/2		1/2		1/2		1/2	3,436.44	1/2	3,224.21	1/2	3,013.42	1/2	2,802.64	1/2	2,591.86	1/2	2,353.52	1/2	2,111.49
3/4		3/4		3/4		3/4	3,431.75	3/4	3,219.81	3/4	3,009.03	3/4	2,798.25	3/4	2,587.47	3/4	2,348.48	3/4	2,106.44

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" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 21'-00" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

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BARGE "KIRBY 11340"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-09"

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	1,858.87	0	1,617.18	0	1,376.76	0	1,134.34	0	891.89	0	649.43	0	414.65	0	174.90	0		0	
1/4	1,853.82	1/4	1,612.20	1/4	1,371.71	1/4	1,129.29	1/4	886.84	1/4	644.38	1/4	409.88	1/4	169.83	1/4		1/4	
1/2	1,848.76	1/2	1,607.22	1/2	1,366.67	1/2	1,124.24	1/2	881.79	1/2	639.33	1/2	405.11	1/2	164.77	1/2		1/2	
3/4	1,843.71	3/4	1,602.24	3/4	1,361.62	3/4	1,119.19	3/4	876.73	3/4	634.28	3/4	400.34	3/4	159.70	3/4		3/4	
1	1,838.66	1	1,597.25	1	1,356.58	1	1,114.14	1	871.68	1	629.23	1	395.57	1	154.63	1		1	
1/4	1,833.61	1/4	1,592.27	1/4	1,351.53	1/4	1,109.08	1/4	866.63	1/4	624.18	1/4	390.80	1/4	149.57	1/4		1/4	
1/2	1,828.55	1/2	1,587.29	1/2	1,346.48	1/2	1,104.03	1/2	861.58	1/2	619.13	1/2	386.03	1/2	144.50	1/2		1/2	
3/4	1,823.50	3/4	1,582.30	3/4	1,341.43	3/4	1,098.98	3/4	856.53	3/4	614.08	3/4	381.26	3/4	139.43	3/4		3/4	
2	1,818.45	2	1,577.32	2	1,336.38	2	1,093.93	2	851.48	2	609.03	2	376.49	2	134.37	2		2	
1/4	1,813.40	1/4	1,572.34	1/4	1,331.33	1/4	1,088.88	1/4	846.43	1/4	603.97	1/4	371.69	1/4	129.30	1/4		1/4	
1/2	1,808.34	1/2	1,567.36	1/2	1,326.28	1/2	1,083.83	1/2	841.38	1/2	598.92	1/2	366.89	1/2	124.23	1/2		1/2	
3/4	1,803.29	3/4	1,562.37	3/4	1,321.23	3/4	1,078.78	3/4	836.33	3/4	593.87	3/4	362.09	3/4	119.17	3/4		3/4	
3	1,798.24	3	1,557.39	3	1,316.18	3	1,073.73	3	831.27	3	588.82	3	357.29	3	114.10	3		3	
1/4	1,793.19	1/4	1,552.41	1/4	1,311.13	1/4	1,068.68	1/4	826.22	1/4	583.77	1/4	352.22	1/4	109.05	1/4		1/4	
1/2	1,788.13	1/2	1,547.42	1/2	1,306.08	1/2	1,063.62	1/2	821.17	1/2	578.72	1/2	347.16	1/2	104.00	1/2		1/2	
3/4	1,783.08	3/4	1,542.44	3/4	1,301.03	3/4	1,058.57	3/4	816.12	3/4	573.67	3/4	342.09	3/4	98.95	3/4		3/4	
4	1,778.03	4	1,537.46	4	1,295.98	4	1,053.52	4	811.07	4	568.62	4	337.02	4	93.90	4		4	
1/4	1,772.98	1/4	1,532.48	1/4	1,290.92	1/4	1,048.47	1/4	806.02	1/4	563.57	1/4	331.96	1/4	88.96	1/4		1/4	
1/2	1,767.92	1/2	1,527.49	1/2	1,285.87	1/2	1,043.42	1/2	800.97	1/2	558.51	1/2	326.89	1/2	84.02	1/2		1/2	
3/4	1,762.87	3/4	1,522.51	3/4	1,280.82	3/4	1,038.37	3/4	795.92	3/4	553.46	3/4	321.82	3/4	79.08	3/4		3/4	
5	1,757.82	5	1,517.53	5	1,275.77	5	1,033.32	5	790.87	5	548.41	5	316.76	5	74.14	5		5	
1/4	1,752.77	1/4	1,512.54	1/4	1,270.72	1/4	1,028.27	1/4	785.81	1/4	543.61	1/4	311.69	1/4	69.34	1/4		1/4	
1/2	1,747.71	1/2	1,507.56	1/2	1,265.67	1/2	1,023.22	1/2	780.76	1/2	538.80	1/2	306.62	1/2	64.53	1/2		1/2	
3/4	1,742.66	3/4	1,502.58	3/4	1,260.62	3/4	1,018.16	3/4	775.71	3/4	534.00	3/4	301.56	3/4	59.73	3/4		3/4	
6	1,737.61	6	1,497.59	6	1,255.57	6	1,013.11	6	770.66	6	529.19	6	296.49	6	54.92	6		6	
1/4	1,732.56	1/4	1,492.61	1/4	1,250.52	1/4	1,008.06	1/4	765.61	1/4	524.40	1/4	291.43	1/4	50.26	1/4		1/4	
1/2	1,727.50	1/2	1,487.63	1/2	1,245.46	1/2	1,003.01	1/2	760.56	1/2	519.61	1/2	286.36	1/2	45.60	1/2		1/2	
3/4	1,722.45	3/4	1,482.65	3/4	1,240.41	3/4	997.96	3/4	755.51	3/4	514.83	3/4	281.29	3/4	40.93	3/4		3/4	
7	1,717.40	7	1,477.66	7	1,235.36	7	992.91	7	750.46	7	510.04	7	276.23	7	36.27	7		7	
1/4	1,712.35	1/4	1,472.62	1/4	1,230.31	1/4	987.86	1/4	745.41	1/4	505.27	1/4	271.16	1/4	31.76	1/4		1/4	
1/2	1,707.29	1/2	1,467.57	1/2	1,225.26	1/2	982.81	1/2	740.35	1/2	500.50	1/2	266.09	1/2	27.25	1/2		1/2	
3/4	1,702.24	3/4	1,462.52	3/4	1,220.21	3/4	977.76	3/4	735.30	3/4	495.73	3/4	261.03	3/4	22.74	3/4		3/4	
8	1,697.19	8	1,457.47	8	1,215.16	8	972.70	8	730.25	8	490.96	8	255.96	8	18.23	8		8	
1/4	1,692.14	1/4	1,452.43	1/4	1,210.11	1/4	967.65	1/4	725.20	1/4	486.19	1/4	250.89	1/4	13.90	1/4		1/4	
1/2	1,687.08	1/2	1,447.38	1/2	1,205.06	1/2	962.60	1/2	720.15	1/2	481.42	1/2	245.83	1/2	9.56	1/2		1/2	
3/4	1,682.03	3/4	1,442.34	3/4	1,200.00	3/4	957.55	3/4	715.10	3/4	476.65	3/4	240.76	3/4	5.23	3/4		3/4	
9	1,676.98	9	1,437.29	9	1,194.95	9	952.50	9	710.05	9	471.88	9	235.70	9	0.90	9		9	
1/4	1,672.00	1/4	1,432.25	1/4	1,189.90	1/4	947.45	1/4	705.00	1/4	467.11	1/4	230.63	1/4		1/4		1/4	
1/2	1,667.01	1/2	1,427.20	1/2	1,184.85	1/2	942.40	1/2	699.95	1/2	462.34	1/2	225.56	1/2		1/2		1/2	
3/4	1,662.03	3/4	1,422.16	3/4	1,179.80	3/4	937.35	3/4	694.89	3/4	457.57	3/4	220.50	3/4		3/4		3/4	
10	1,657.05	10	1,417.11	10	1,174.75	10	932.30	10	689.84	10	452.80	10	215.43	10		10		10	
1/4	1,652.06	1/4	1,412.07	1/4	1,169.70	1/4	927.24	1/4	684.79	1/4	448.03	1/4	210.36	1/4		1/4		1/4	
1/2	1,647.08	1/2	1,407.02	1/2	1,164.65	1/2	922.19	1/2	679.74	1/2	443.26	1/2	205.30	1/2		1/2		1/2	
3/4	1,642.10	3/4	1,401.98	3/4	1,159.60	3/4	917.14	3/4	674.69	3/4	438.49	3/4	200.23	3/4		3/4		3/4	
11	1,637.12	11	1,396.93	11	1,154.54	11	912.09	11	669.64	11	433.72	11	195.16	11		11		11	
1/4	1,632.13	1/4	1,391.89	1/4	1,149.49	1/4	907.04	1/4	664.59	1/4	428.95	1/4	190.10	1/4		1/4		1/4	
1/2	1,627.15	1/2	1,386.85	1/2	1,144.44	1/2	901.99	1/2	659.54	1/2	424.19	1/2	185.03	1/2		1/2		1/2	
3/4	1,622.17	3/4	1,381.80	3/4	1,139.39	3/4	896.94	3/4	654.49	3/4	419.42	3/4	179.96	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/27/2012 CL - SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
& ANALYSIS, INC.
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BARGE "KIRBY 11340"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-09"

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	4,074.51	0	3,799.96	0	3,523.00	0	3,246.04	0	2,969.08	0	2,692.12	0	2,415.16
1/4		1/4		1/4		1/4	4,068.86	1/4	3,794.19	1/4	3,517.23	1/4	3,240.27	1/4	2,963.31	1/4	2,686.35	1/4	2,409.39
1/2		1/2		1/2		1/2	4,063.22	1/2	3,788.42	1/2	3,511.46	1/2	3,234.50	1/2	2,957.54	1/2	2,680.58	1/2	2,403.62
3/4		3/4		3/4		3/4	4,057.58	3/4	3,782.65	3/4	3,505.69	3/4	3,228.73	3/4	2,951.77	3/4	2,674.81	3/4	2,397.85
1		1		1		1	4,051.94	1	3,776.88	1	3,499.92	1	3,222.96	1	2,946.00	1	2,669.04	1	2,392.08
1/4		1/4		1/4		1/4	4,046.27	1/4	3,771.11	1/4	3,494.15	1/4	3,217.19	1/4	2,940.23	1/4	2,663.27	1/4	2,386.31
1/2		1/2		1/2		1/2	4,040.60	1/2	3,765.34	1/2	3,488.38	1/2	3,211.42	1/2	2,934.46	1/2	2,657.50	1/2	2,380.54
3/4		3/4		3/4		3/4	4,034.93	3/4	3,759.57	3/4	3,482.61	3/4	3,205.65	3/4	2,928.69	3/4	2,651.73	3/4	2,374.77
2		2		2		2	4,029.27	2	3,753.80	2	3,476.84	2	3,199.88	2	2,922.92	2	2,645.96	2	2,369.00
1/4		1/4		1/4		1/4	4,023.59	1/4	3,748.03	1/4	3,471.07	1/4	3,194.11	1/4	2,917.15	1/4	2,640.19	1/4	2,363.23
1/2		1/2		1/2		1/2	4,017.91	1/2	3,742.26	1/2	3,465.30	1/2	3,188.34	1/2	2,911.38	1/2	2,634.42	1/2	2,357.46
3/4		3/4		3/4		3/4	4,012.24	3/4	3,736.49	3/4	3,459.53	3/4	3,182.57	3/4	2,905.61	3/4	2,628.65	3/4	2,351.69
3		3		3		3	4,006.56	3	3,730.72	3	3,453.76	3	3,176.80	3	2,899.84	3	2,622.88	3	2,345.92
1/4		1/4		1/4		1/4	4,000.88	1/4	3,724.95	1/4	3,447.99	1/4	3,171.03	1/4	2,894.07	1/4	2,617.11	1/4	2,340.15
1/2		1/2		1/2		1/2	3,995.21	1/2	3,719.18	1/2	3,442.22	1/2	3,165.26	1/2	2,888.30	1/2	2,611.34	1/2	2,334.38
3/4		3/4		3/4		3/4	3,989.53	3/4	3,713.41	3/4	3,436.45	3/4	3,159.49	3/4	2,882.53	3/4	2,605.57	3/4	2,328.61
4		4		4		4	3,983.85	4	3,707.64	4	3,430.68	4	3,153.72	4	2,876.76	4	2,599.80	4	2,322.84
1/4		1/4		1/4		1/4	3,978.18	1/4	3,701.87	1/4	3,424.91	1/4	3,147.95	1/4	2,870.99	1/4	2,594.03	1/4	2,317.07
1/2		1/2		1/2		1/2	3,972.50	1/2	3,696.10	1/2	3,419.14	1/2	3,142.18	1/2	2,865.22	1/2	2,588.26	1/2	2,311.30
3/4		3/4		3/4		3/4	3,966.82	3/4	3,690.33	3/4	3,413.37	3/4	3,136.41	3/4	2,859.45	3/4	2,582.49	3/4	2,305.53
5		5		5		5	3,961.15	5	3,684.56	5	3,407.60	5	3,130.64	5	2,853.68	5	2,576.72	5	2,299.76
1/4		1/4		1/4		1/4	3,955.47	1/4	3,678.79	1/4	3,401.83	1/4	3,124.87	1/4	2,847.91	1/4	2,570.95	1/4	2,293.99
1/2		1/2		1/2		1/2	3,949.80	1/2	3,673.02	1/2	3,396.06	1/2	3,119.10	1/2	2,842.14	1/2	2,565.18	1/2	2,288.22
3/4		3/4		3/4		3/4	3,944.12	3/4	3,667.25	3/4	3,390.29	3/4	3,113.33	3/4	2,836.37	3/4	2,559.41	3/4	2,282.45
6		6		6		6	3,938.44	6	3,661.48	6	3,384.52	6	3,107.56	6	2,830.60	6	2,553.64	6	2,276.68
1/4		1/4		1/4		1/4	3,932.67	1/4	3,655.71	1/4	3,378.75	1/4	3,101.79	1/4	2,824.83	1/4	2,547.87	1/4	2,270.91
1/2		1/2		1/2		1/2	3,926.90	1/2	3,649.94	1/2	3,372.98	1/2	3,096.02	1/2	2,819.06	1/2	2,542.10	1/2	2,265.14
3/4		3/4		3/4	4,136.02	3/4	3,921.13	3/4	3,644.17	3/4	3,367.21	3/4	3,090.25	3/4	2,813.29	3/4	2,536.33	3/4	2,259.37
7		7		7	4,135.88	7	3,915.36	7	3,638.40	7	3,361.44	7	3,084.48	7	2,807.52	7	2,530.56	7	2,253.60
1/4		1/4		1/4	4,135.11	1/4	3,909.59	1/4	3,632.63	1/4	3,355.67	1/4	3,078.71	1/4	2,801.75	1/4	2,524.79	1/4	2,247.83
1/2		1/2		1/2	4,134.34	1/2	3,903.82	1/2	3,626.86	1/2	3,349.90	1/2	3,072.94	1/2	2,795.98	1/2	2,519.02	1/2	2,242.06
3/4		3/4		3/4	4,133.57	3/4	3,898.05	3/4	3,621.09	3/4	3,344.13	3/4	3,067.17	3/4	2,790.21	3/4	2,513.25	3/4	2,236.29
8		8		8	4,132.79	8	3,892.28	8	3,615.32	8	3,338.36	8	3,061.40	8	2,784.44	8	2,507.48	8	2,230.52
1/4		1/4		1/4	4,130.87	1/4	3,886.51	1/4	3,609.55	1/4	3,332.59	1/4	3,055.63	1/4	2,778.67	1/4	2,501.71	1/4	2,224.75
1/2		1/2		1/2	4,128.94	1/2	3,880.74	1/2	3,603.78	1/2	3,326.82	1/2	3,049.86	1/2	2,772.90	1/2	2,495.94	1/2	2,218.98
3/4		3/4		3/4	4,127.02	3/4	3,874.97	3/4	3,598.01	3/4	3,321.05	3/4	3,044.09	3/4	2,767.13	3/4	2,490.17	3/4	2,213.21
9		9		9	4,125.09	9	3,869.20	9	3,592.24	9	3,315.28	9	3,038.32	9	2,761.36	9	2,484.40	9	2,207.44
1/4		1/4		1/4	4,122.01	1/4	3,863.43	1/4	3,586.47	1/4	3,309.51	1/4	3,032.55	1/4	2,755.59	1/4	2,478.63	1/4	2,201.67
1/2		1/2		1/2	4,118.93	1/2	3,857.66	1/2	3,580.70	1/2	3,303.74	1/2	3,026.78	1/2	2,749.82	1/2	2,472.86	1/2	2,195.90
3/4		3/4		3/4	4,115.85	3/4	3,851.89	3/4	3,574.93	3/4	3,297.97	3/4	3,021.01	3/4	2,744.05	3/4	2,467.09	3/4	2,190.13
10		10		10	4,112.77	10	3,846.12	10	3,569.16	10	3,292.20	10	3,015.24	10	2,738.28	10	2,461.32	10	2,184.36
1/4		1/4		1/4	4,108.54	1/4	3,840.35	1/4	3,563.39	1/4	3,286.43	1/4	3,009.47	1/4	2,732.51	1/4	2,455.55	1/4	2,178.59
1/2		1/2		1/2	4,104.30	1/2	3,834.58	1/2	3,557.62	1/2	3,280.66	1/2	3,003.70	1/2	2,726.74	1/2	2,449.78	1/2	2,172.82
3/4		3/4		3/4	4,100.07	3/4	3,828.81	3/4	3,551.85	3/4	3,274.89	3/4	2,997.93	3/4	2,720.97	3/4	2,444.01	3/4	2,167.05
11		11		11	4,095.83	11	3,823.04	11	3,546.08	11	3,269.12	11	2,992.16	11	2,715.20	11	2,438.24	11	2,161.28
1/4		1/4		1/4	4,090.50	1/4	3,817.27	1/4	3,540.31	1/4	3,263.35	1/4	2,986.39	1/4	2,709.43	1/4	2,432.47	1/4	2,155.51
1/2		1/2		1/2	4,085.17	1/2	3,811.50	1/2	3,534.54	1/2	3,257.58	1/2	2,980.62	1/2	2,703.66	1/2	2,426.70	1/2	2,149.74
3/4		3/4		3/4	4,079.84	3/4	3,805.73	3/4	3,528.77	3/4	3,251.81	3/4	2,974.85	3/4	2,697.89	3/4	2,420.93	3/4	2,143.97

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" GAUGING DEVICE.

GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 34'-03" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092

Pearland, Texas 77588

<http://www.pmacorp.net>



BARGE "KIRBY 11340"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-09"

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	2,138.20	0	1,861.24	0	1,584.28	0	1,307.32	0	1,030.36	0	753.40	0	482.04	0	207.50	0		0	
1/4	2,132.43	1/4	1,855.47	1/4	1,578.51	1/4	1,301.55	1/4	1,024.59	1/4	747.63	1/4	476.48	1/4	201.73	1/4		1/4	
1/2	2,126.66	1/2	1,849.70	1/2	1,572.74	1/2	1,295.78	1/2	1,018.82	1/2	741.86	1/2	470.91	1/2	195.96	1/2		1/2	
3/4	2,120.89	3/4	1,843.93	3/4	1,566.97	3/4	1,290.01	3/4	1,013.05	3/4	736.09	3/4	465.34	3/4	190.19	3/4		3/4	
1	2,115.12	1	1,838.16	1	1,561.20	1	1,284.24	1	1,007.28	1	730.32	1	459.77	1	184.42	1		1	
1/4	2,109.35	1/4	1,832.39	1/4	1,555.43	1/4	1,278.47	1/4	1,001.51	1/4	724.55	1/4	454.21	1/4	178.65	1/4		1/4	
1/2	2,103.58	1/2	1,826.62	1/2	1,549.66	1/2	1,272.70	1/2	995.74	1/2	718.78	1/2	448.64	1/2	172.88	1/2		1/2	
3/4	2,097.81	3/4	1,820.85	3/4	1,543.89	3/4	1,266.93	3/4	989.97	3/4	713.01	3/4	443.07	3/4	167.11	3/4		3/4	
2	2,092.04	2	1,815.08	2	1,538.12	2	1,261.16	2	984.20	2	707.24	2	437.50	2	161.34	2		2	
1/4	2,086.27	1/4	1,809.31	1/4	1,532.35	1/4	1,255.39	1/4	978.43	1/4	701.47	1/4	431.93	1/4	155.57	1/4		1/4	
1/2	2,080.50	1/2	1,803.54	1/2	1,526.58	1/2	1,249.62	1/2	972.66	1/2	695.70	1/2	426.36	1/2	149.80	1/2		1/2	
3/4	2,074.73	3/4	1,797.77	3/4	1,520.81	3/4	1,243.85	3/4	966.89	3/4	689.93	3/4	420.79	3/4	144.03	3/4		3/4	
3	2,068.96	3	1,792.00	3	1,515.04	3	1,238.08	3	961.12	3	684.16	3	415.21	3	138.26	3		3	
1/4	2,063.19	1/4	1,786.23	1/4	1,509.27	1/4	1,232.31	1/4	955.35	1/4	678.39	1/4	409.44	1/4	132.49	1/4		1/4	
1/2	2,057.42	1/2	1,780.46	1/2	1,503.50	1/2	1,226.54	1/2	949.58	1/2	672.62	1/2	403.67	1/2	126.72	1/2		1/2	
3/4	2,051.65	3/4	1,774.69	3/4	1,497.73	3/4	1,220.77	3/4	943.81	3/4	666.85	3/4	397.90	3/4	120.95	3/4		3/4	
4	2,045.88	4	1,768.92	4	1,491.96	4	1,215.00	4	938.04	4	661.08	4	392.13	4	115.18	4		4	
1/4	2,040.11	1/4	1,763.15	1/4	1,486.19	1/4	1,209.23	1/4	932.27	1/4	655.31	1/4	386.36	1/4	109.42	1/4		1/4	
1/2	2,034.34	1/2	1,757.38	1/2	1,480.42	1/2	1,203.46	1/2	926.50	1/2	649.54	1/2	380.59	1/2	103.65	1/2		1/2	
3/4	2,028.57	3/4	1,751.61	3/4	1,474.65	3/4	1,197.69	3/4	920.73	3/4	643.77	3/4	374.83	3/4	97.89	3/4		3/4	
5	2,022.80	5	1,745.84	5	1,468.88	5	1,191.92	5	914.96	5	638.00	5	369.06	5	92.13	5		5	
1/4	2,017.03	1/4	1,740.07	1/4	1,463.11	1/4	1,186.15	1/4	909.19	1/4	632.22	1/4	363.29	1/4	86.38	1/4		1/4	
1/2	2,011.26	1/2	1,734.30	1/2	1,457.34	1/2	1,180.38	1/2	903.42	1/2	626.45	1/2	357.52	1/2	80.62	1/2		1/2	
3/4	2,005.49	3/4	1,728.53	3/4	1,451.57	3/4	1,174.61	3/4	897.65	3/4	621.27	3/4	351.75	3/4	74.87	3/4		3/4	
6	1,999.72	6	1,722.76	6	1,445.80	6	1,168.84	6	891.88	6	615.69	6	345.98	6	69.12	6		6	
1/4	1,993.95	1/4	1,716.99	1/4	1,440.03	1/4	1,163.07	1/4	886.11	1/4	610.12	1/4	340.21	1/4	63.39	1/4		1/4	
1/2	1,988.18	1/2	1,711.22	1/2	1,434.26	1/2	1,157.30	1/2	880.34	1/2	604.54	1/2	334.44	1/2	57.66	1/2		1/2	
3/4	1,982.41	3/4	1,705.45	3/4	1,428.49	3/4	1,151.53	3/4	874.57	3/4	598.97	3/4	328.67	3/4	51.94	3/4		3/4	
7	1,976.64	7	1,699.68	7	1,422.72	7	1,145.76	7	868.80	7	593.40	7	322.90	7	46.21	7		7	
1/4	1,970.87	1/4	1,693.91	1/4	1,416.95	1/4	1,139.99	1/4	863.03	1/4	587.83	1/4	317.13	1/4	40.51	1/4		1/4	
1/2	1,965.10	1/2	1,688.14	1/2	1,411.18	1/2	1,134.22	1/2	857.26	1/2	582.26	1/2	311.36	1/2	34.82	1/2		1/2	
3/4	1,959.33	3/4	1,682.37	3/4	1,405.41	3/4	1,128.45	3/4	851.49	3/4	576.70	3/4	305.59	3/4	29.12	3/4		3/4	
8	1,953.56	8	1,676.60	8	1,399.64	8	1,122.68	8	845.72	8	571.13	8	299.82	8	23.43	8		8	
1/4	1,947.79	1/4	1,670.83	1/4	1,393.87	1/4	1,116.91	1/4	839.95	1/4	565.56	1/4	294.05	1/4	17.79	1/4		1/4	
1/2	1,942.02	1/2	1,665.06	1/2	1,388.10	1/2	1,111.14	1/2	834.18	1/2	559.99	1/2	288.28	1/2	12.16	1/2		1/2	
3/4	1,936.25	3/4	1,659.29	3/4	1,382.33	3/4	1,105.37	3/4	828.41	3/4	554.42	3/4	282.51	3/4	6.53	3/4		3/4	
9	1,930.48	9	1,653.52	9	1,376.56	9	1,099.60	9	822.64	9	548.86	9	276.74	9	0.90	9		9	
1/4	1,924.71	1/4	1,647.75	1/4	1,370.79	1/4	1,093.83	1/4	816.87	1/4	543.29	1/4	270.97	1/4		1/4		1/4	
1/2	1,918.94	1/2	1,641.98	1/2	1,365.02	1/2	1,088.06	1/2	811.10	1/2	537.72	1/2	265.20	1/2		1/2		1/2	
3/4	1,913.17	3/4	1,636.21	3/4	1,359.25	3/4	1,082.29	3/4	805.33	3/4	532.15	3/4	259.43	3/4		3/4		3/4	
10	1,907.40	10	1,630.44	10	1,353.48	10	1,076.52	10	799.56	10	526.59	10	253.66	10		10		10	
1/4	1,901.63	1/4	1,624.67	1/4	1,347.71	1/4	1,070.75	1/4	793.79	1/4	521.02	1/4	247.89	1/4		1/4		1/4	
1/2	1,895.86	1/2	1,618.90	1/2	1,341.94	1/2	1,064.98	1/2	788.02	1/2	515.45	1/2	242.12	1/2		1/2		1/2	
3/4	1,890.09	3/4	1,613.13	3/4	1,336.17	3/4	1,059.21	3/4	782.25	3/4	509.88	3/4	236.35	3/4		3/4		3/4	
11	1,884.32	11	1,607.36	11	1,330.40	11	1,053.44	11	776.48	11	504.32	11	230.58	11		11		11	
1/4	1,878.55	1/4	1,601.59	1/4	1,324.63	1/4	1,047.67	1/4	770.71	1/4	498.75	1/4	224.81	1/4		1/4		1/4	
1/2	1,872.78	1/2	1,595.82	1/2	1,318.86	1/2	1,041.90	1/2	764.94	1/2	493.18	1/2	219.04	1/2		1/2		1/2	
3/4	1,867.01	3/4	1,590.05	3/4	1,313.09	3/4	1,036.13	3/4	759.17	3/4	487.61	3/4	213.27	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/27/2012 CL - SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

PRECISION MEASUREMENT
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Pearland, Texas 77588
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BARGE "KIRBY 11340"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-08 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	3,639.86	0	3,394.05	0	3,146.34	0	2,898.63	0	2,650.92	0	2,403.21	0	2,155.51
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,634.81	1/4	3,388.89	1/4	3,141.18	1/4	2,893.47	1/4	2,645.76	1/4	2,398.05	1/4	2,150.34
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,629.77	1/2	3,383.73	1/2	3,136.02	1/2	2,888.31	1/2	2,640.60	1/2	2,392.89	1/2	2,145.18
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,624.70	3/4	3,378.57	3/4	3,130.86	3/4	2,883.15	3/4	2,635.44	3/4	2,387.73	3/4	2,140.02
1		1		1		1	3,619.63	1	3,373.41	1	3,125.70	1	2,877.99	1	2,630.28	1	2,382.57	1	2,134.86
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,614.56	1/4	3,368.25	1/4	3,120.54	1/4	2,872.83	1/4	2,625.12	1/4	2,377.41	1/4	2,129.70
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,609.49	1/2	3,363.09	1/2	3,115.38	1/2	2,867.67	1/2	2,619.96	1/2	2,372.25	1/2	2,124.54
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,604.41	3/4	3,357.93	3/4	3,110.22	3/4	2,862.51	3/4	2,614.80	3/4	2,367.09	3/4	2,119.38
2		2		2		2	3,599.33	2	3,352.76	2	3,105.06	2	2,857.35	2	2,609.64	2	2,361.93	2	2,114.22
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,594.26	1/4	3,347.60	1/4	3,099.90	1/4	2,852.19	1/4	2,604.48	1/4	2,356.77	1/4	2,109.06
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,589.18	1/2	3,342.44	1/2	3,094.73	1/2	2,847.03	1/2	2,599.32	1/2	2,351.61	1/2	2,103.90
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,584.10	3/4	3,337.28	3/4	3,089.57	3/4	2,841.87	3/4	2,594.16	3/4	2,346.45	3/4	2,098.74
3		3		3		3	3,579.02	3	3,332.12	3	3,084.41	3	2,836.70	3	2,589.00	3	2,341.29	3	2,093.58
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,573.94	1/4	3,326.96	1/4	3,079.25	1/4	2,831.54	1/4	2,583.84	1/4	2,336.13	1/4	2,088.42
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,568.86	1/2	3,321.80	1/2	3,074.09	1/2	2,826.38	1/2	2,578.67	1/2	2,330.97	1/2	2,083.26
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,563.78	3/4	3,316.64	3/4	3,068.93	3/4	2,821.22	3/4	2,573.51	3/4	2,325.81	3/4	2,078.10
4		4		4		4	3,558.70	4	3,311.48	4	3,063.77	4	2,816.06	4	2,568.35	4	2,320.64	4	2,072.94
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,553.62	1/4	3,306.32	1/4	3,058.61	1/4	2,810.90	1/4	2,563.19	1/4	2,315.48	1/4	2,067.78
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,548.54	1/2	3,301.16	1/2	3,053.45	1/2	2,805.74	1/2	2,558.03	1/2	2,310.32	1/2	2,062.61
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,543.46	3/4	3,296.00	3/4	3,048.29	3/4	2,800.58	3/4	2,552.87	3/4	2,305.16	3/4	2,057.45
5		5		5		5	3,538.38	5	3,290.84	5	3,043.13	5	2,795.42	5	2,547.71	5	2,300.00	5	2,052.29
1/4	1/4	1/4	1/4	1/4	1/4	1/4	3,533.30	1/4	3,285.68	1/4	3,037.97	1/4	2,790.26	1/4	2,542.55	1/4	2,294.84	1/4	2,047.13
1/2	1/2	1/2	1/2	1/2	1/2	1/2	3,528.23	1/2	3,280.52	1/2	3,032.81	1/2	2,785.10	1/2	2,537.39	1/2	2,289.68	1/2	2,041.97
3/4	3/4	3/4	3/4	3/4	3/4	3/4	3,523.06	3/4	3,275.36	3/4	3,027.65	3/4	2,779.94	3/4	2,532.23	3/4	2,284.52	3/4	2,036.81
6		6		6		6	3,517.90	6	3,270.20	6	3,022.49	6	2,774.78	6	2,527.07	6	2,279.36	6	2,031.65
1/4	1/4	1/4	3,704.97	1/4	3,512.74	1/4	3,265.03	1/4	3,017.33	1/4	2,769.62	1/4	2,521.91	1/4	2,274.20	1/4	2,026.49		
1/2	1/2	1/2	3,704.84	1/2	3,507.58	1/2	3,259.87	1/2	3,012.17	1/2	2,764.46	1/2	2,516.75	1/2	2,269.04	1/2	2,021.33		
3/4	3/4	3/4	3,704.15	3/4	3,502.42	3/4	3,254.71	3/4	3,007.00	3/4	2,759.30	3/4	2,511.59	3/4	2,263.88	3/4	2,016.17		
7		7		7		7	3,703.46	7	3,497.26	7	3,249.55	7	3,001.84	7	2,754.14	7	2,506.43	7	2,011.01
1/4	1/4	1/4	3,702.77	1/4	3,492.10	1/4	3,244.39	1/4	2,996.68	1/4	2,748.97	1/4	2,501.27	1/4	2,253.56	1/4	2,005.85		
1/2	1/2	1/2	3,702.08	1/2	3,486.94	1/2	3,239.23	1/2	2,991.52	1/2	2,743.81	1/2	2,496.11	1/2	2,248.40	1/2	2,000.69		
3/4	3/4	3/4	3,700.36	3/4	3,481.78	3/4	3,234.07	3/4	2,986.36	3/4	2,738.65	3/4	2,490.94	3/4	2,243.24	3/4	1,995.53		
8		8		8		8	3,698.64	8	3,476.62	8	3,228.91	8	2,981.20	8	2,733.49	8	2,485.78	8	2,238.08
1/4	1/4	1/4	3,696.92	1/4	3,471.46	1/4	3,223.75	1/4	2,976.04	1/4	2,728.33	1/4	2,480.62	1/4	2,232.91	1/4	1,985.21		
1/2	1/2	1/2	3,695.19	1/2	3,466.30	1/2	3,218.59	1/2	2,970.88	1/2	2,723.17	1/2	2,475.46	1/2	2,227.75	1/2	1,980.05		
3/4	3/4	3/4	3,692.44	3/4	3,461.14	3/4	3,213.43	3/4	2,965.72	3/4	2,718.01	3/4	2,470.30	3/4	2,222.59	3/4	1,974.88		
9		9		9		9	3,689.69	9	3,455.98	9	3,208.27	9	2,960.56	9	2,712.85	9	2,465.14	9	2,217.43
1/4	1/4	1/4	3,688.93	1/4	3,450.82	1/4	3,203.11	1/4	2,955.40	1/4	2,707.69	1/4	2,459.98	1/4	2,212.27	1/4	1,964.56		
1/2	1/2	1/2	3,684.18	1/2	3,445.66	1/2	3,197.95	1/2	2,950.24	1/2	2,702.53	1/2	2,454.82	1/2	2,207.11	1/2	1,959.40		
3/4	3/4	3/4	3,680.39	3/4	3,440.50	3/4	3,192.79	3/4	2,945.08	3/4	2,697.37	3/4	2,449.66	3/4	2,201.95	3/4	1,954.24		
10		10		10		10	3,676.60	10	3,435.33	10	3,187.63	10	2,939.92	10	2,692.21	10	2,444.50	10	2,196.79
1/4	1/4	1/4	3,672.81	1/4	3,430.17	1/4	3,182.46	1/4	2,934.76	1/4	2,687.05	1/4	2,439.34	1/4	2,191.63	1/4	1,943.92		
1/2	1/2	1/2	3,669.03	1/2	3,425.01	1/2	3,177.30	1/2	2,929.60	1/2	2,681.89	1/2	2,434.18	1/2	2,186.47	1/2	1,938.76		
3/4	3/4	3/4	3,664.26	3/4	3,419.85	3/4	3,172.14	3/4	2,924.43	3/4	2,676.73	3/4	2,429.02	3/4	2,181.31	3/4	1,933.60		
11		11		11		11	3,659.49	11	3,414.69	11	3,166.98	11	2,919.27	11	2,671.57	11	2,423.86	11	2,176.15
1/4	1/4	1/4	3,654.72	1/4	3,409.53	1/4	3,161.82	1/4	2,914.11	1/4	2,666.40	1/4	2,418.70	1/4	2,170.99	1/4	1,923.28		
1/2	1/2	1/2	3,649.95	1/2	3,404.37	1/2	3,156.66	1/2	2,908.95	1/2	2,661.24	1/2	2,413.54	1/2	2,165.83	1/2	1,918.12		
3/4	3/4	3/4	3,644.91	3/4	3,399.21	3/4	3,151.50	3/4	2,903.79	3/4	2,656.08	3/4	2,408.37	3/4	2,160.67	3/4	1,912.96		

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" GAUGING DEVICE.
 GAUGE POINT: (HERMETIC) LOCATED ON CENTERLINE AND 27'-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 11340"

3 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 US GALLONS

FORMERLY "CGBM 113"

GAUGE HEIGHT 17'-08 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	1,907.80	0	1,660.09	0	1,412.38	0	1,164.67	0	916.96	0	669.25	0	422.70	0	175.36	0		0	
1/4	1,902.64	1/4	1,654.93	1/4	1,407.22	1/4	1,159.51	1/4	911.80	1/4	664.09	1/4	417.59	1/4	170.20	1/4		1/4	
1/2	1,897.48	1/2	1,649.77	1/2	1,402.06	1/2	1,154.35	1/2	906.64	1/2	658.93	1/2	412.47	1/2	165.04	1/2		1/2	
3/4	1,892.31	3/4	1,644.61	3/4	1,396.90	3/4	1,149.19	3/4	901.48	3/4	653.77	3/4	407.35	3/4	159.88	3/4		3/4	
1	1,887.15	1	1,639.45	1	1,391.74	1	1,144.03	1	896.32	1	648.61	1	402.23	1	154.72	1		1	
1/4	1,881.99	1/4	1,634.28	1/4	1,386.58	1/4	1,138.87	1/4	891.16	1/4	643.45	1/4	397.11	1/4	149.56	1/4		1/4	
1/2	1,876.83	1/2	1,629.12	1/2	1,381.42	1/2	1,133.71	1/2	886.00	1/2	638.29	1/2	391.99	1/2	144.40	1/2		1/2	
3/4	1,871.67	3/4	1,623.96	3/4	1,376.25	3/4	1,128.55	3/4	880.84	3/4	633.13	3/4	386.85	3/4	139.24	3/4		3/4	
2	1,866.51	2	1,618.80	2	1,371.09	2	1,123.39	2	875.68	2	627.97	2	381.72	2	134.08	2		2	
1/4	1,861.35	1/4	1,613.64	1/4	1,365.93	1/4	1,118.22	1/4	870.52	1/4	622.81	1/4	376.59	1/4	128.92	1/4		1/4	
1/2	1,856.19	1/2	1,608.48	1/2	1,360.77	1/2	1,113.06	1/2	865.36	1/2	617.65	1/2	371.45	1/2	123.76	1/2		1/2	
3/4	1,851.03	3/4	1,603.32	3/4	1,355.61	3/4	1,107.90	3/4	860.19	3/4	612.49	3/4	366.29	3/4	118.59	3/4		3/4	
3	1,845.87	3	1,598.16	3	1,350.45	3	1,102.74	3	855.03	3	607.33	3	361.13	3	113.43	3		3	
1/4	1,840.71	1/4	1,593.00	1/4	1,345.29	1/4	1,097.58	1/4	849.87	1/4	602.16	1/4	355.97	1/4	108.27	1/4		1/4	
1/2	1,835.55	1/2	1,587.84	1/2	1,340.13	1/2	1,092.42	1/2	844.71	1/2	597.00	1/2	350.81	1/2	103.11	1/2		1/2	
3/4	1,830.39	3/4	1,582.68	3/4	1,334.97	3/4	1,087.26	3/4	839.55	3/4	591.86	3/4	345.65	3/4	97.96	3/4		3/4	
4	1,825.23	4	1,577.52	4	1,329.81	4	1,082.10	4	834.39	4	586.71	4	340.49	4	92.80	4		4	
1/4	1,820.07	1/4	1,572.36	1/4	1,324.65	1/4	1,076.94	1/4	829.23	1/4	581.56	1/4	335.33	1/4	87.65	1/4		1/4	
1/2	1,814.91	1/2	1,567.20	1/2	1,319.49	1/2	1,071.78	1/2	824.07	1/2	576.41	1/2	330.17	1/2	82.49	1/2		1/2	
3/4	1,809.75	3/4	1,562.04	3/4	1,314.33	3/4	1,066.62	3/4	818.91	3/4	571.28	3/4	325.01	3/4	77.35	3/4		3/4	
5	1,804.58	5	1,556.88	5	1,309.17	5	1,061.46	5	813.75	5	566.15	5	319.85	5	72.20	5		5	
1/4	1,799.42	1/4	1,551.72	1/4	1,304.01	1/4	1,056.30	1/4	808.59	1/4	561.01	1/4	314.69	1/4	67.06	1/4		1/4	
1/2	1,794.26	1/2	1,546.55	1/2	1,298.85	1/2	1,051.14	1/2	803.43	1/2	555.88	1/2	309.53	1/2	61.92	1/2		1/2	
3/4	1,789.10	3/4	1,541.39	3/4	1,293.69	3/4	1,045.98	3/4	798.27	3/4	550.74	3/4	304.37	3/4	56.79	3/4		3/4	
6	1,783.94	6	1,536.23	6	1,288.52	6	1,040.82	6	793.11	6	545.61	6	299.21	6	51.67	6		6	
1/4	1,778.78	1/4	1,531.07	1/4	1,283.36	1/4	1,035.66	1/4	787.95	1/4	540.47	1/4	294.05	1/4	46.55	1/4		1/4	
1/2	1,773.62	1/2	1,525.91	1/2	1,278.20	1/2	1,030.49	1/2	782.79	1/2	535.34	1/2	288.89	1/2	41.42	1/2		1/2	
3/4	1,768.46	3/4	1,520.75	3/4	1,273.04	3/4	1,025.33	3/4	777.63	3/4	530.22	3/4	283.73	3/4	36.33	3/4		3/4	
7	1,763.30	7	1,515.59	7	1,267.88	7	1,020.17	7	772.46	7	525.10	7	278.57	7	31.23	7		7	
1/4	1,758.14	1/4	1,510.43	1/4	1,262.72	1/4	1,015.01	1/4	767.30	1/4	519.98	1/4	273.41	1/4	26.14	1/4		1/4	
1/2	1,752.98	1/2	1,505.27	1/2	1,257.56	1/2	1,009.85	1/2	762.14	1/2	514.86	1/2	268.25	1/2	21.05	1/2		1/2	
3/4	1,747.82	3/4	1,500.11	3/4	1,252.40	3/4	1,004.69	3/4	756.98	3/4	509.74	3/4	263.09	3/4	16.01	3/4		3/4	
8	1,742.66	8	1,494.95	8	1,247.24	8	999.53	8	751.82	8	504.62	8	257.93	8	10.97	8		8	
1/4	1,737.50	1/4	1,489.79	1/4	1,242.08	1/4	994.37	1/4	746.66	1/4	499.50	1/4	252.77	1/4	5.93	1/4		1/4	
1/2	1,732.34	1/2	1,484.63	1/2	1,236.92	1/2	989.21	1/2	741.50	1/2	494.38	1/2	247.61	1/2	0.90	1/2		1/2	
3/4	1,727.18	3/4	1,479.47	3/4	1,231.76	3/4	984.05	3/4	736.34	3/4	489.26	3/4	242.44	3/4		3/4		3/4	
9	1,722.02	9	1,474.31	9	1,226.60	9	978.89	9	731.18	9	484.14	9	237.28	9		9		9	
1/4	1,716.85	1/4	1,469.15	1/4	1,221.44	1/4	973.73	1/4	726.02	1/4	478.92	1/4	232.12	1/4		1/4		1/4	
1/2	1,711.69	1/2	1,463.99	1/2	1,216.28	1/2	968.57	1/2	720.86	1/2	473.90	1/2	226.96	1/2		1/2		1/2	
3/4	1,706.53	3/4	1,458.82	3/4	1,211.12	3/4	963.41	3/4	715.70	3/4	468.78	3/4	221.80	3/4		3/4		3/4	
10	1,701.37	10	1,453.66	10	1,205.96	10	958.25	10	710.54	10	463.66	10	216.64	10		10		10	
1/4	1,696.21	1/4	1,448.50	1/4	1,200.79	1/4	953.09	1/4	705.38	1/4	458.54	1/4	211.48	1/4		1/4		1/4	
1/2	1,691.05	1/2	1,443.34	1/2	1,195.63	1/2	947.93	1/2	700.22	1/2	453.42	1/2	206.32	1/2		1/2		1/2	
3/4	1,685.89	3/4	1,438.18	3/4	1,190.47	3/4	942.76	3/4	695.06	3/4	448.30	3/4	201.16	3/4		3/4		3/4	
11	1,680.73	11	1,433.02	11	1,185.31	11	937.60	11	689.90	11	443.18	11	196.00	11		11		11	
1/4	1,675.57	1/4	1,427.86	1/4	1,180.15	1/4	932.44	1/4	684.73	1/4	438.06	1/4	190.84	1/4		1/4		1/4	
1/2	1,670.41	1/2	1,422.70	1/2	1,174.99	1/2	927.28	1/2	679.57	1/2	432.94	1/2	185.68	1/2		1/2		1/2	
3/4	1,665.25	3/4	1,417.54	3/4	1,169.83	3/4	922.12	3/4	674.41	3/4	427.82	3/4	180.52	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 11/27/2012 CL - SW
RECALCULATED: 04/10/2023 CL
REPRINTED: 04/10/2023 CL

CANCELS AND SUPERCEDES
ALL PRIOR TO 04/2023

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