



BARGE "KIRBY 11344"

ULLAGE TRIM TABLE
FORMERLY "CGBM 121"

	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	- 01-1/4	01-1/4	- 01-1/2	01-1/2	- 02-0/8	02-0/8	- 02-1/2	02-1/2
2 CENTER	- 00-1/8	00-1/8	- 00-3/8	00-3/8	- 00-1/2	00-1/2	- 00-3/4	00-3/4	- 00-7/8	00-7/8	- 01-0/8	01-0/8
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	00-1/2	- 00-1/2

(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 CORRECTEDULLAGE IS 3'-11 7/8"

LENGTH BETWEEN DRAFT MARKS: 170'-09"

December 18, 2023

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

<http://www.pmacorp.net>



BARGE "KIRBY 11344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 121"

GAUGE HEIGHT 17'-09 1/4"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	3,580.43	0	3,338.18	0	3,093.68	0	2,849.18	0	2,604.68	0	2,361.03	0	2,117.69
1/4		1/4		1/4		1/4	3,575.71	1/4	3,333.08	1/4	3,088.58	1/4	2,844.09	1/4	2,599.59	1/4	2,355.96	1/4	2,112.61
1/2		1/2		1/2		1/2	3,570.72	1/2	3,327.99	1/2	3,083.49	1/2	2,838.99	1/2	2,594.49	1/2	2,350.89	1/2	2,107.53
3/4		3/4		3/4		3/4	3,565.73	3/4	3,322.89	3/4	3,078.40	3/4	2,833.90	3/4	2,589.40	3/4	2,345.83	3/4	2,102.45
1		1		1		1	3,560.74	1	3,317.80	1	3,073.30	1	2,828.81	1	2,584.31	1	2,340.76	1	2,097.37
1/4		1/4		1/4		1/4	3,555.75	1/4	3,312.71	1/4	3,068.21	1/4	2,823.71	1/4	2,579.21	1/4	2,335.70	1/4	2,092.30
1/2		1/2		1/2		1/2	3,550.73	1/2	3,307.61	1/2	3,063.12	1/2	2,818.62	1/2	2,574.12	1/2	2,330.63	1/2	2,087.22
3/4		3/4		3/4		3/4	3,545.72	3/4	3,302.52	3/4	3,058.02	3/4	2,813.52	3/4	2,569.03	3/4	2,325.56	3/4	2,082.14
2		2		2		2	3,540.70	2	3,297.43	2	3,052.93	2	2,808.43	2	2,563.93	2	2,320.50	2	2,077.06
1/4		1/4		1/4		1/4	3,535.69	1/4	3,292.33	1/4	3,047.83	1/4	2,803.34	1/4	2,558.84	1/4	2,315.43	1/4	2,071.98
1/2		1/2		1/2		1/2	3,530.66	1/2	3,287.24	1/2	3,042.74	1/2	2,798.24	1/2	2,553.75	1/2	2,310.36	1/2	2,066.90
3/4		3/4		3/4		3/4	3,525.64	3/4	3,282.14	3/4	3,037.65	3/4	2,793.15	3/4	2,548.65	3/4	2,305.30	3/4	2,061.82
3		3		3		3	3,520.62	3	3,277.05	3	3,032.55	3	2,788.06	3	2,543.56	3	2,300.23	3	2,056.74
1/4		1/4		1/4		1/4	3,515.60	1/4	3,271.96	1/4	3,027.46	1/4	2,782.96	1/4	2,538.46	1/4	2,295.16	1/4	2,051.66
1/2		1/2		1/2		1/2	3,510.58	1/2	3,266.86	1/2	3,022.37	1/2	2,777.87	1/2	2,533.37	1/2	2,290.10	1/2	2,046.58
3/4		3/4		3/4		3/4	3,505.55	3/4	3,261.77	3/4	3,017.27	3/4	2,772.77	3/4	2,528.28	3/4	2,285.03	3/4	2,041.50
4		4		4		4	3,500.53	4	3,256.68	4	3,012.18	4	2,767.68	4	2,523.18	4	2,279.96	4	2,036.42
1/4		1/4		1/4		1/4	3,495.51	1/4	3,251.58	1/4	3,007.08	1/4	2,762.59	1/4	2,518.09	1/4	2,274.90	1/4	2,031.34
1/2		1/2		1/2		1/2	3,490.49	1/2	3,246.49	1/2	3,001.99	1/2	2,757.49	1/2	2,513.02	1/2	2,269.83	1/2	2,026.26
3/4		3/4		3/4		3/4	3,485.46	3/4	3,241.39	3/4	2,996.90	3/4	2,752.40	3/4	2,507.96	3/4	2,264.76	3/4	2,021.18
5		5		5		5	3,480.44	5	3,236.30	5	2,991.80	5	2,747.31	5	2,502.89	5	2,259.70	5	2,016.10
1/4		1/4		1/4		1/4	3,475.42	1/4	3,231.21	1/4	2,986.71	1/4	2,742.21	1/4	2,497.82	1/4	2,254.63	1/4	2,011.02
1/2		1/2		1/2		1/2	3,470.40	1/2	3,226.11	1/2	2,981.62	1/2	2,737.12	1/2	2,492.76	1/2	2,249.56	1/2	2,005.94
3/4		3/4		3/4		3/4	3,465.37	3/4	3,221.02	3/4	2,976.52	3/4	2,732.02	3/4	2,487.69	3/4	2,244.50	3/4	2,000.86
6		6		6		6	3,460.35	6	3,215.93	6	2,971.43	6	2,726.93	6	2,482.62	6	2,239.43	6	1,995.78
1/4		1/4		1/4		1/4	3,455.33	1/4	3,210.83	1/4	2,966.33	1/4	2,721.84	1/4	2,477.56	1/4	2,234.37	1/4	1,990.71
1/2		1/2		1/2		1/2	3,450.24	1/2	3,205.74	1/2	2,961.24	1/2	2,716.74	1/2	2,472.49	1/2	2,229.30	1/2	1,985.63
3/4		3/4		3/4		3/4	3,445.14	3/4	3,200.65	3/4	2,956.15	3/4	2,711.65	3/4	2,467.42	3/4	2,224.23	3/4	1,980.55
7		7		7	3,630.24	7	3,440.05	7	3,195.55	7	2,951.05	7	2,706.56	7	2,462.36	7	2,219.17	7	1,975.47
1/4		1/4		1/4	3,630.11	1/4	3,434.96	1/4	3,190.46	1/4	2,945.96	1/4	2,701.46	1/4	2,457.29	1/4	2,214.10	1/4	1,970.39
1/2		1/2		1/2	3,629.42	1/2	3,429.86	1/2	3,185.36	1/2	2,940.87	1/2	2,696.37	1/2	2,452.22	1/2	2,209.03	1/2	1,965.31
3/4		3/4		3/4	3,628.73	3/4	3,424.77	3/4	3,180.27	3/4	2,935.77	3/4	2,691.28	3/4	2,447.16	3/4	2,203.97	3/4	1,960.23
8		8		8	3,628.04	8	3,419.67	8	3,175.18	8	2,930.68	8	2,686.18	8	2,442.09	8	2,198.90	8	1,955.15
1/4		1/4		1/4	3,627.34	1/4	3,414.58	1/4	3,170.08	1/4	2,925.59	1/4	2,681.09	1/4	2,437.03	1/4	2,193.83	1/4	1,950.07
1/2		1/2		1/2	3,625.63	1/2	3,409.49	1/2	3,164.99	1/2	2,920.49	1/2	2,675.99	1/2	2,431.96	1/2	2,188.77	1/2	1,944.99
3/4		3/4		3/4	3,623.92	3/4	3,404.39	3/4	3,159.90	3/4	2,915.40	3/4	2,670.90	3/4	2,426.89	3/4	2,183.70	3/4	1,939.91
9		9		9	3,622.21	9	3,399.30	9	3,154.80	9	2,910.30	9	2,665.81	9	2,421.83	9	2,178.63	9	1,934.83
1/4		1/4		1/4	3,620.50	1/4	3,394.21	1/4	3,149.71	1/4	2,905.21	1/4	2,660.71	1/4	2,416.76	1/4	2,173.57	1/4	1,929.75
1/2		1/2		1/2	3,617.77	1/2	3,389.11	1/2	3,144.61	1/2	2,900.12	1/2	2,655.62	1/2	2,411.69	1/2	2,168.49	1/2	1,924.67
3/4		3/4		3/4	3,615.04	3/4	3,384.02	3/4	3,139.52	3/4	2,895.02	3/4	2,650.53	3/4	2,406.63	3/4	2,163.41	3/4	1,919.59
10		10		10	3,612.31	10	3,378.92	10	3,134.43	10	2,889.93	10	2,645.43	10	2,401.56	10	2,158.33	10	1,914.51
1/4		1/4		1/4	3,609.58	1/4	3,373.83	1/4	3,129.33	1/4	2,884.84	1/4	2,640.34	1/4	2,396.49	1/4	2,153.25	1/4	1,909.43
1/2		1/2		1/2	3,605.83	1/2	3,368.74	1/2	3,124.24	1/2	2,879.74	1/2	2,635.24	1/2	2,391.43	1/2	2,148.17	1/2	1,904.35
3/4		3/4		3/4	3,602.08	3/4	3,363.64	3/4	3,119.15	3/4	2,874.65	3/4	2,630.15	3/4	2,386.36	3/4	2,143.09	3/4	1,899.27
11		11		11	3,598.33	11	3,358.55	11	3,114.05	11	2,869.55	11	2,625.06	11	2,381.29	11	2,138.01	11	1,894.19
1/4		1/4		1/4	3,594.58	1/4	3,353.46	1/4	3,108.96	1/4	2,864.46	1/4	2,619.96	1/4	2,376.23	1/4	2,132.93	1/4	1,889.12
1/2		1/2		1/2	3,589.86	1/2	3,348.36	1/2	3,103.86	1/2	2,859.37	1/2	2,614.87	1/2	2,371.16	1/2	2,127.85	1/2	1,884.04
3/4		3/4		3/4	3,585.15	3/4	3,343.27	3/4	3,098.77	3/4	2,854.27	3/4	2,609.78	3/4	2,366.09	3/4	2,122.77	3/4	1,878.96

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 ON CENTERLINE AND 20'-09" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

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 Pearland, Texas 77588
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BARGE "KIRBY 11344"

1 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 121"

GAUGE HEIGHT 17'-09 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	1,873.88	0	1,630.83	0	1,389.18	0	1,145.48	0	901.73	0	657.98	0	421.65	0	180.92	0		0	
1/4	1,868.80	1/4	1,625.82	1/4	1,384.11	1/4	1,140.40	1/4	896.65	1/4	652.90	1/4	416.86	1/4	175.83	1/4		1/4	
1/2	1,863.72	1/2	1,620.81	1/2	1,379.04	1/2	1,135.32	1/2	891.57	1/2	647.82	1/2	412.06	1/2	170.74	1/2		1/2	
3/4	1,858.64	3/4	1,615.80	3/4	1,373.96	3/4	1,130.24	3/4	886.50	3/4	642.75	3/4	407.27	3/4	165.64	3/4		3/4	
1	1,853.56	1	1,610.79	1	1,368.89	1	1,125.17	1	881.42	1	637.67	1	402.47	1	160.55	1		1	
1/4	1,848.48	1/4	1,605.78	1/4	1,363.82	1/4	1,120.09	1/4	876.34	1/4	632.59	1/4	397.68	1/4	155.46	1/4		1/4	
1/2	1,843.40	1/2	1,600.77	1/2	1,358.75	1/2	1,115.01	1/2	871.26	1/2	627.51	1/2	392.88	1/2	150.36	1/2		1/2	
3/4	1,838.32	3/4	1,595.76	3/4	1,353.67	3/4	1,109.93	3/4	866.18	3/4	622.43	3/4	388.09	3/4	145.27	3/4		3/4	
2	1,833.24	2	1,590.75	2	1,348.60	2	1,104.85	2	861.11	2	617.36	2	383.29	2	140.18	2		2	
1/4	1,828.16	1/4	1,585.75	1/4	1,343.52	1/4	1,099.78	1/4	856.03	1/4	612.28	1/4	378.50	1/4	135.08	1/4		1/4	
1/2	1,823.08	1/2	1,580.74	1/2	1,338.45	1/2	1,094.70	1/2	850.95	1/2	607.20	1/2	373.67	1/2	129.99	1/2		1/2	
3/4	1,818.00	3/4	1,575.73	3/4	1,333.37	3/4	1,089.62	3/4	845.87	3/4	602.12	3/4	368.85	3/4	124.90	3/4		3/4	
3	1,812.92	3	1,570.72	3	1,328.29	3	1,084.54	3	840.79	3	597.04	3	364.02	3	119.80	3		3	
1/4	1,807.84	1/4	1,565.71	1/4	1,323.21	1/4	1,079.46	1/4	835.71	1/4	591.97	1/4	359.19	1/4	114.71	1/4		1/4	
1/2	1,802.76	1/2	1,560.70	1/2	1,318.13	1/2	1,074.39	1/2	830.64	1/2	586.89	1/2	354.10	1/2	109.63	1/2		1/2	
3/4	1,797.68	3/4	1,555.69	3/4	1,313.06	3/4	1,069.31	3/4	825.56	3/4	581.81	3/4	349.01	3/4	104.55	3/4		3/4	
4	1,792.60	4	1,550.68	4	1,307.98	4	1,064.23	4	820.48	4	576.73	4	343.91	4	99.48	4		4	
1/4	1,787.53	1/4	1,545.67	1/4	1,302.90	1/4	1,059.15	1/4	815.40	1/4	571.65	1/4	338.82	1/4	94.40	1/4		1/4	
1/2	1,782.45	1/2	1,540.66	1/2	1,297.82	1/2	1,054.07	1/2	810.32	1/2	566.58	1/2	333.73	1/2	89.43	1/2		1/2	
3/4	1,777.37	3/4	1,535.65	3/4	1,292.74	3/4	1,048.99	3/4	805.25	3/4	561.50	3/4	328.63	3/4	84.47	3/4		3/4	
5	1,772.29	5	1,530.64	5	1,287.67	5	1,043.92	5	800.17	5	556.42	5	323.54	5	79.50	5		5	
1/4	1,767.21	1/4	1,525.63	1/4	1,282.59	1/4	1,038.84	1/4	795.09	1/4	551.34	1/4	318.45	1/4	74.54	1/4		1/4	
1/2	1,762.13	1/2	1,520.62	1/2	1,277.51	1/2	1,033.76	1/2	790.01	1/2	546.51	1/2	313.35	1/2	69.71	1/2		1/2	
3/4	1,757.05	3/4	1,515.61	3/4	1,272.43	3/4	1,028.68	3/4	784.93	3/4	541.68	3/4	308.26	3/4	64.88	3/4		3/4	
6	1,751.97	6	1,510.60	6	1,267.35	6	1,023.60	6	779.86	6	536.85	6	303.17	6	60.05	6		6	
1/4	1,746.89	1/4	1,505.59	1/4	1,262.27	1/4	1,018.53	1/4	774.78	1/4	532.02	1/4	298.07	1/4	55.22	1/4		1/4	
1/2	1,741.81	1/2	1,500.58	1/2	1,257.20	1/2	1,013.45	1/2	769.70	1/2	527.20	1/2	292.98	1/2	50.53	1/2		1/2	
3/4	1,736.73	3/4	1,495.57	3/4	1,252.12	3/4	1,008.37	3/4	764.62	3/4	522.39	3/4	287.89	3/4	45.84	3/4		3/4	
7	1,731.65	7	1,490.56	7	1,247.04	7	1,003.29	7	759.54	7	517.58	7	282.79	7	41.15	7		7	
1/4	1,726.57	1/4	1,485.56	1/4	1,241.96	1/4	998.21	1/4	754.46	1/4	512.76	1/4	277.70	1/4	36.46	1/4		1/4	
1/2	1,721.49	1/2	1,480.48	1/2	1,236.88	1/2	993.14	1/2	749.39	1/2	507.97	1/2	272.61	1/2	31.93	1/2		1/2	
3/4	1,716.41	3/4	1,475.41	3/4	1,231.81	3/4	988.06	3/4	744.31	3/4	503.17	3/4	267.51	3/4	27.40	3/4		3/4	
8	1,711.33	8	1,470.33	8	1,226.73	8	982.98	8	739.23	8	498.38	8	262.42	8	22.86	8		8	
1/4	1,706.25	1/4	1,465.26	1/4	1,221.65	1/4	977.90	1/4	734.15	1/4	493.58	1/4	257.33	1/4	18.33	1/4		1/4	
1/2	1,701.17	1/2	1,460.19	1/2	1,216.57	1/2	972.82	1/2	729.07	1/2	488.79	1/2	252.23	1/2	13.97	1/2		1/2	
3/4	1,696.09	3/4	1,455.11	3/4	1,211.49	3/4	967.75	3/4	724.00	3/4	483.99	3/4	247.14	3/4	9.61	3/4		3/4	
9	1,691.01	9	1,450.04	9	1,206.42	9	962.67	9	718.92	9	479.20	9	242.05	9	5.26	9		9	
1/4	1,685.94	1/4	1,444.97	1/4	1,201.34	1/4	957.59	1/4	713.84	1/4	474.40	1/4	236.95	1/4	0.90	1/4		1/4	
1/2	1,680.93	1/2	1,439.90	1/2	1,196.26	1/2	952.51	1/2	708.76	1/2	469.61	1/2	231.86	1/2		1/2		1/2	
3/4	1,675.92	3/4	1,434.83	3/4	1,191.18	3/4	947.43	3/4	703.68	3/4	464.81	3/4	226.77	3/4		3/4		3/4	
10	1,670.91	10	1,429.75	10	1,186.10	10	942.35	10	698.61	10	460.02	10	221.67	10		10		10	
1/4	1,665.90	1/4	1,424.68	1/4	1,181.03	1/4	937.28	1/4	693.53	1/4	455.22	1/4	216.58	1/4		1/4		1/4	
1/2	1,660.89	1/2	1,419.61	1/2	1,175.95	1/2	932.20	1/2	688.45	1/2	450.43	1/2	211.49	1/2		1/2		1/2	
3/4	1,655.88	3/4	1,414.54	3/4	1,170.87	3/4	927.12	3/4	683.37	3/4	445.63	3/4	206.39	3/4		3/4		3/4	
11	1,650.87	11	1,409.47	11	1,165.79	11	922.04	11	678.29	11	440.84	11	201.30	11		11		11	
1/4	1,645.86	1/4	1,404.40	1/4	1,160.71	1/4	916.96	1/4	673.22	1/4	436.04	1/4	196.20	1/4		1/4		1/4	
1/2	1,640.85	1/2	1,399.32	1/2	1,155.63	1/2	911.89	1/2	668.14	1/2	431.25	1/2	191.11	1/2		1/2		1/2	
3/4	1,635.84	3/4	1,394.25	3/4	1,150.56	3/4	906.81	3/4	663.06	3/4	426.45	3/4	186.02	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/15/2013 SW CL
 RECALCULATED: 12/18/2023 JS
 NAME CHANGE : 12/18/2023 JS

PRECISION MEASUREMENT
 & ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
 ALL PRIOR TO 12/2023



BARGE "KIRBY 11344"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 121"

GAUGE HEIGHT 17'-08 1/2"

IN	0 FT.	IN	1 FT.	IN	2 FT.	IN	3 FT.	IN	4 FT.	IN	5 FT.	IN	6 FT.	IN	7 FT.	IN	8 FT.	IN	9 FT.
0		0		0		0	4,059.69	0	3,785.14	0	3,508.42	0	3,231.70	0	2,954.98	0	2,678.26	0	2,401.54
1/4		1/4		1/4		1/4	4,054.05	1/4	3,779.37	1/4	3,502.65	1/4	3,225.93	1/4	2,949.21	1/4	2,672.49	1/4	2,395.77
1/2		1/2		1/2		1/2	4,048.42	1/2	3,773.61	1/2	3,496.89	1/2	3,220.17	1/2	2,943.45	1/2	2,666.73	1/2	2,390.01
3/4		3/4		3/4		3/4	4,042.75	3/4	3,767.84	3/4	3,491.12	3/4	3,214.40	3/4	2,937.68	3/4	2,660.96	3/4	2,384.24
1		1		1		1	4,037.09	1	3,762.08	1	3,485.36	1	3,208.64	1	2,931.92	1	2,655.20	1	2,378.48
1/4		1/4		1/4		1/4	4,031.43	1/4	3,756.31	1/4	3,479.59	1/4	3,202.87	1/4	2,926.15	1/4	2,649.43	1/4	2,372.71
1/2		1/2		1/2		1/2	4,025.76	1/2	3,750.55	1/2	3,473.83	1/2	3,197.11	1/2	2,920.39	1/2	2,643.67	1/2	2,366.95
3/4		3/4		3/4		3/4	4,020.09	3/4	3,744.78	3/4	3,468.06	3/4	3,191.34	3/4	2,914.62	3/4	2,637.90	3/4	2,361.18
2		2		2		2	4,014.42	2	3,739.02	2	3,462.30	2	3,185.58	2	2,908.86	2	2,632.14	2	2,355.42
1/4		1/4		1/4		1/4	4,008.75	1/4	3,733.25	1/4	3,456.53	1/4	3,179.81	1/4	2,903.09	1/4	2,626.37	1/4	2,349.65
1/2		1/2		1/2		1/2	4,003.08	1/2	3,727.49	1/2	3,450.77	1/2	3,174.05	1/2	2,897.33	1/2	2,620.61	1/2	2,343.89
3/4		3/4		3/4		3/4	3,997.41	3/4	3,721.72	3/4	3,445.00	3/4	3,168.28	3/4	2,891.56	3/4	2,614.84	3/4	2,338.12
3		3		3		3	3,991.74	3	3,715.96	3	3,439.24	3	3,162.52	3	2,885.80	3	2,609.08	3	2,332.36
1/4		1/4		1/4		1/4	3,986.06	1/4	3,710.19	1/4	3,433.47	1/4	3,156.75	1/4	2,880.03	1/4	2,603.31	1/4	2,326.59
1/2		1/2		1/2		1/2	3,980.39	1/2	3,704.43	1/2	3,427.71	1/2	3,150.99	1/2	2,874.27	1/2	2,597.55	1/2	2,320.83
3/4		3/4		3/4		3/4	3,974.72	3/4	3,698.66	3/4	3,421.94	3/4	3,145.22	3/4	2,868.50	3/4	2,591.78	3/4	2,315.06
4		4		4		4	3,969.05	4	3,692.90	4	3,416.18	4	3,139.46	4	2,862.74	4	2,586.02	4	2,309.30
1/4		1/4		1/4		1/4	3,963.38	1/4	3,687.13	1/4	3,410.41	1/4	3,133.69	1/4	2,856.97	1/4	2,580.25	1/4	2,303.53
1/2		1/2		1/2		1/2	3,957.71	1/2	3,681.37	1/2	3,404.65	1/2	3,127.93	1/2	2,851.21	1/2	2,574.49	1/2	2,297.77
3/4		3/4		3/4		3/4	3,952.04	3/4	3,675.60	3/4	3,398.88	3/4	3,122.16	3/4	2,845.44	3/4	2,568.72	3/4	2,292.00
5		5		5		5	3,946.37	5	3,669.84	5	3,393.12	5	3,116.40	5	2,839.68	5	2,562.96	5	2,286.24
1/4		1/4		1/4		1/4	3,940.70	1/4	3,664.07	1/4	3,387.35	1/4	3,110.63	1/4	2,833.91	1/4	2,557.19	1/4	2,280.47
1/2		1/2		1/2		1/2	3,935.03	1/2	3,658.31	1/2	3,381.59	1/2	3,104.87	1/2	2,828.15	1/2	2,551.43	1/2	2,274.71
3/4		3/4		3/4		3/4	3,929.26	3/4	3,652.54	3/4	3,375.82	3/4	3,099.10	3/4	2,822.38	3/4	2,545.66	3/4	2,268.94
6		6		6		6	3,923.50	6	3,646.78	6	3,370.06	6	3,093.34	6	2,816.62	6	2,539.90	6	2,263.18
1/4		1/4		1/4		1/4	4,132.43	1/4	3,917.73	1/4	3,641.01	1/4	3,364.29	1/4	3,087.57	1/4	2,810.85	1/4	2,534.13
1/2		1/2		1/2		1/2	4,132.29	1/2	3,911.97	1/2	3,635.25	1/2	3,358.53	1/2	3,081.81	1/2	2,805.09	1/2	2,528.37
3/4		3/4		3/4		3/4	4,131.51	3/4	3,906.20	3/4	3,629.48	3/4	3,352.76	3/4	3,076.04	3/4	2,799.32	3/4	2,522.60
7		7		7		7	4,130.74	7	3,900.44	7	3,623.72	7	3,347.00	7	3,070.28	7	2,793.56	7	2,516.84
1/4		1/4		1/4		1/4	4,129.97	1/4	3,894.67	1/4	3,617.95	1/4	3,341.23	1/4	3,064.51	1/4	2,787.79	1/4	2,511.07
1/2		1/2		1/2		1/2	4,129.20	1/2	3,888.91	1/2	3,612.19	1/2	3,335.47	1/2	3,058.75	1/2	2,782.03	1/2	2,505.31
3/4		3/4		3/4		3/4	4,127.28	3/4	3,883.14	3/4	3,606.42	3/4	3,329.70	3/4	3,052.98	3/4	2,776.26	3/4	2,499.54
8		8		8		8	4,125.35	8	3,877.38	8	3,600.66	8	3,323.94	8	3,047.22	8	2,770.50	8	2,493.78
1/4		1/4		1/4		1/4	4,123.43	1/4	3,871.61	1/4	3,594.89	1/4	3,318.17	1/4	3,041.45	1/4	2,764.73	1/4	2,488.01
1/2		1/2		1/2		1/2	4,121.51	1/2	3,865.85	1/2	3,589.13	1/2	3,312.41	1/2	3,035.69	1/2	2,758.97	1/2	2,482.25
3/4		3/4		3/4		3/4	4,118.43	3/4	3,860.08	3/4	3,583.36	3/4	3,306.64	3/4	3,029.92	3/4	2,753.20	3/4	2,476.48
9		9		9		9	4,115.35	9	3,854.32	9	3,577.60	9	3,300.88	9	3,024.16	9	2,747.44	9	2,470.72
1/4		1/4		1/4		1/4	4,112.27	1/4	3,848.55	1/4	3,571.83	1/4	3,295.11	1/4	3,018.39	1/4	2,741.67	1/4	2,464.95
1/2		1/2		1/2		1/2	4,109.20	1/2	3,842.79	1/2	3,566.07	1/2	3,289.35	1/2	3,012.63	1/2	2,735.91	1/2	2,459.19
3/4		3/4		3/4		3/4	4,104.97	3/4	3,837.02	3/4	3,560.30	3/4	3,283.58	3/4	3,006.86	3/4	2,730.14	3/4	2,453.42
10		10		10		10	4,100.73	10	3,831.26	10	3,554.54	10	3,277.82	10	3,001.10	10	2,724.38	10	2,447.66
1/4		1/4		1/4		1/4	4,096.50	1/4	3,825.49	1/4	3,548.77	1/4	3,272.05	1/4	2,995.33	1/4	2,718.61	1/4	2,441.89
1/2		1/2		1/2		1/2	4,092.27	1/2	3,819.73	1/2	3,543.01	1/2	3,266.29	1/2	2,989.57	1/2	2,712.85	1/2	2,436.13
3/4		3/4		3/4		3/4	4,086.95	3/4	3,813.96	3/4	3,537.24	3/4	3,260.52	3/4	2,983.80	3/4	2,707.08	3/4	2,430.36
11		11		11		11	4,081.62	11	3,808.20	11	3,531.48	11	3,254.76	11	2,978.04	11	2,701.32	11	2,424.60
1/4		1/4		1/4		1/4	4,076.29	1/4	3,802.43	1/4	3,525.71	1/4	3,248.99	1/4	2,972.27	1/4	2,695.55	1/4	2,418.83
1/2		1/2		1/2		1/2	4,070.96	1/2	3,796.67	1/2	3,519.95	1/2	3,243.23	1/2	2,966.51	1/2	2,689.79	1/2	2,413.07
3/4		3/4		3/4		3/4	4,065.33	3/4	3,790.90	3/4	3,514.18	3/4	3,237.46	3/4	2,960.74	3/4	2,684.02	3/4	2,407.30

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 ON CENTERLINE AND 27'-06" FORWARD OF AFT BULKHEAD.

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
 Pearland, Texas 77588
<http://www.pmacorp.net>



BARGE "KIRBY 11344"

2 CENTER ULLAGE TABLE

CAPACITIES GIVEN IN BARRELS OF 42 U.S. GALLONS

FORMERLY "CGBM 121"

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	2,124.82	0	1,848.10	0	1,571.38	0	1,294.66	0	1,017.94	0	741.22	0	470.50	0	195.79	0		0	
1/4	2,119.05	1/4	1,842.33	1/4	1,565.61	1/4	1,288.89	1/4	1,012.17	1/4	735.45	1/4	464.94	1/4	190.02	1/4		1/4	
1/2	2,113.29	1/2	1,836.57	1/2	1,559.85	1/2	1,283.13	1/2	1,006.41	1/2	729.69	1/2	459.37	1/2	184.26	1/2		1/2	
3/4	2,107.52	3/4	1,830.80	3/4	1,554.08	3/4	1,277.36	3/4	1,000.64	3/4	723.92	3/4	453.81	3/4	178.50	3/4		3/4	
1	2,101.76	1	1,825.04	1	1,548.32	1	1,271.60	1	994.88	1	718.16	1	448.25	1	172.73	1		1	
1/4	2,095.99	1/4	1,819.27	1/4	1,542.55	1/4	1,265.83	1/4	989.11	1/4	712.39	1/4	442.68	1/4	166.97	1/4		1/4	
1/2	2,090.23	1/2	1,813.51	1/2	1,536.79	1/2	1,260.07	1/2	983.35	1/2	706.63	1/2	437.12	1/2	161.20	1/2		1/2	
3/4	2,084.46	3/4	1,807.74	3/4	1,531.02	3/4	1,254.30	3/4	977.58	3/4	700.86	3/4	431.55	3/4	155.44	3/4		3/4	
2	2,078.70	2	1,801.98	2	1,525.26	2	1,248.54	2	971.82	2	695.10	2	425.98	2	149.67	2		2	
1/4	2,072.93	1/4	1,796.21	1/4	1,519.49	1/4	1,242.77	1/4	966.05	1/4	689.33	1/4	420.42	1/4	143.91	1/4		1/4	
1/2	2,067.17	1/2	1,790.45	1/2	1,513.73	1/2	1,237.01	1/2	960.29	1/2	683.57	1/2	414.85	1/2	138.14	1/2		1/2	
3/4	2,061.40	3/4	1,784.68	3/4	1,507.96	3/4	1,231.24	3/4	954.52	3/4	677.80	3/4	409.08	3/4	132.38	3/4		3/4	
3	2,055.64	3	1,778.92	3	1,502.20	3	1,225.48	3	948.76	3	672.04	3	403.32	3	126.61	3		3	
1/4	2,049.87	1/4	1,773.15	1/4	1,496.43	1/4	1,219.71	1/4	942.99	1/4	666.27	1/4	397.55	1/4	120.85	1/4		1/4	
1/2	2,044.11	1/2	1,767.39	1/2	1,490.67	1/2	1,213.95	1/2	937.23	1/2	660.51	1/2	391.79	1/2	115.08	1/2		1/2	
3/4	2,038.34	3/4	1,761.62	3/4	1,484.90	3/4	1,208.18	3/4	931.46	3/4	654.74	3/4	386.02	3/4	109.32	3/4		3/4	
4	2,032.58	4	1,755.86	4	1,479.14	4	1,202.42	4	925.70	4	648.98	4	380.26	4	103.56	4		4	
1/4	2,026.81	1/4	1,750.09	1/4	1,473.37	1/4	1,196.65	1/4	919.93	1/4	643.21	1/4	374.49	1/4	97.80	1/4		1/4	
1/2	2,021.05	1/2	1,744.33	1/2	1,467.61	1/2	1,190.89	1/2	914.17	1/2	637.45	1/2	368.73	1/2	92.04	1/2		1/2	
3/4	2,015.28	3/4	1,738.56	3/4	1,461.84	3/4	1,185.12	3/4	908.40	3/4	631.87	3/4	362.97	3/4	86.30	3/4		3/4	
5	2,009.52	5	1,732.80	5	1,456.08	5	1,179.36	5	902.64	5	626.30	5	357.20	5	80.55	5		5	
1/4	2,003.75	1/4	1,727.03	1/4	1,450.31	1/4	1,173.59	1/4	896.87	1/4	620.73	1/4	351.44	1/4	74.81	1/4		1/4	
1/2	1,997.99	1/2	1,721.27	1/2	1,444.55	1/2	1,167.83	1/2	891.11	1/2	615.15	1/2	345.67	1/2	69.06	1/2		1/2	
3/4	1,992.22	3/4	1,715.50	3/4	1,438.78	3/4	1,162.06	3/4	885.34	3/4	609.59	3/4	339.91	3/4	63.34	3/4		3/4	
6	1,986.46	6	1,709.74	6	1,433.02	6	1,156.30	6	879.58	6	604.02	6	334.14	6	57.61	6		6	
1/4	1,980.69	1/4	1,703.97	1/4	1,427.25	1/4	1,150.53	1/4	873.81	1/4	598.45	1/4	328.38	1/4	51.89	1/4		1/4	
1/2	1,974.93	1/2	1,698.21	1/2	1,421.49	1/2	1,144.77	1/2	868.05	1/2	592.88	1/2	322.61	1/2	46.17	1/2		1/2	
3/4	1,969.16	3/4	1,692.44	3/4	1,415.72	3/4	1,139.00	3/4	862.28	3/4	587.32	3/4	316.85	3/4	40.48	3/4		3/4	
7	1,963.40	7	1,686.68	7	1,409.96	7	1,133.24	7	856.52	7	581.76	7	311.08	7	34.78	7		7	
1/4	1,957.63	1/4	1,680.91	1/4	1,404.19	1/4	1,127.47	1/4	850.75	1/4	576.19	1/4	305.32	1/4	29.09	1/4		1/4	
1/2	1,951.87	1/2	1,675.15	1/2	1,398.43	1/2	1,121.71	1/2	844.99	1/2	570.63	1/2	299.55	1/2	23.40	1/2		1/2	
3/4	1,946.10	3/4	1,669.38	3/4	1,392.66	3/4	1,115.94	3/4	839.22	3/4	565.07	3/4	293.79	3/4	17.78	3/4		3/4	
8	1,940.34	8	1,663.62	8	1,386.90	8	1,110.18	8	833.46	8	559.51	8	288.02	8	12.15	8		8	
1/4	1,934.57	1/4	1,657.85	1/4	1,381.13	1/4	1,104.41	1/4	827.69	1/4	553.94	1/4	282.26	1/4	6.52	1/4		1/4	
1/2	1,928.81	1/2	1,652.09	1/2	1,375.37	1/2	1,098.65	1/2	821.93	1/2	548.38	1/2	276.49	1/2	0.90	1/2		1/2	
3/4	1,923.04	3/4	1,646.32	3/4	1,369.60	3/4	1,092.88	3/4	816.16	3/4	542.82	3/4	270.73	3/4		3/4		3/4	
9	1,917.28	9	1,640.56	9	1,363.84	9	1,087.12	9	810.40	9	537.25	9	264.97	9		9		9	
1/4	1,911.51	1/4	1,634.79	1/4	1,358.07	1/4	1,081.35	1/4	804.63	1/4	531.69	1/4	259.20	1/4		1/4		1/4	
1/2	1,905.75	1/2	1,629.03	1/2	1,352.31	1/2	1,075.59	1/2	798.87	1/2	526.13	1/2	253.44	1/2		1/2		1/2	
3/4	1,899.98	3/4	1,623.26	3/4	1,346.54	3/4	1,069.82	3/4	793.10	3/4	520.57	3/4	247.67	3/4		3/4		3/4	
10	1,894.22	10	1,617.50	10	1,340.78	10	1,064.06	10	787.34	10	515.00	10	241.91	10		10		10	
1/4	1,888.45	1/4	1,611.73	1/4	1,335.01	1/4	1,058.29	1/4	781.57	1/4	509.44	1/4	236.14	1/4		1/4		1/4	
1/2	1,882.69	1/2	1,605.97	1/2	1,329.25	1/2	1,052.53	1/2	775.81	1/2	503.88	1/2	230.38	1/2		1/2		1/2	
3/4	1,876.92	3/4	1,600.20	3/4	1,323.48	3/4	1,046.76	3/4	770.04	3/4	498.31	3/4	224.61	3/4		3/4		3/4	
11	1,871.16	11	1,594.44	11	1,317.72	11	1,041.00	11	764.28	11	492.75	11	218.85	11		11		11	
1/4	1,865.39	1/4	1,588.67	1/4	1,311.95	1/4	1,035.23	1/4	758.51	1/4	487.19	1/4	213.08	1/4		1/4		1/4	
1/2	1,859.63	1/2	1,582.91	1/2	1,306.19	1/2	1,029.47	1/2	752.75	1/2	481.62	1/2	207.32	1/2		1/2		1/2	
3/4	1,853.86	3/4	1,577.14	3/4	1,300.42	3/4	1,023.70	3/4	746.98	3/4	476.06	3/4	201.55	3/4		3/4		3/4	

CERTIFIED CHART FOR THE ABOVE NAMED TANK ONLY.

STRAPPED: 10/15/2013 SW CL
RECALCULATED: 12/18/2023 JS
NAME CHANGE : 12/18/2023 JS

PRECISION MEASUREMENT
& ANALYSIS, INC.

P.O. Box 2092
Pearland, Texas 77588

<http://www.pmacorp.net>

CANCELS AND SUPERCEDES
ALL PRIOR TO 12/2023

